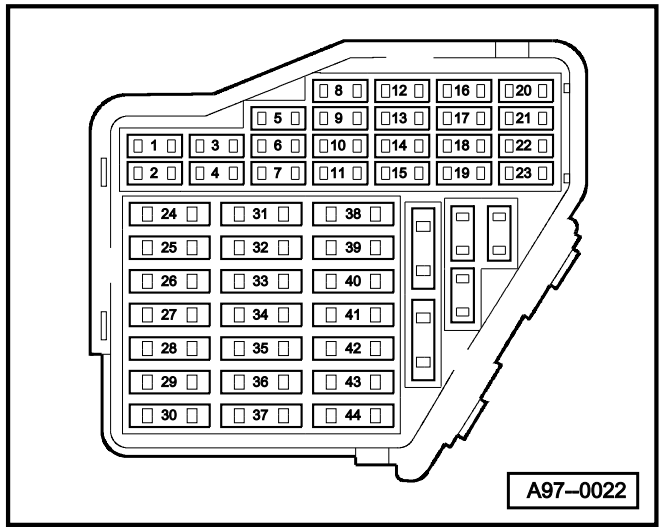
Audi A4 (2.8 litre fuel injection engine, 128 kW, multi-point injection, 6-cylinder), engine code AAH

From November 1994

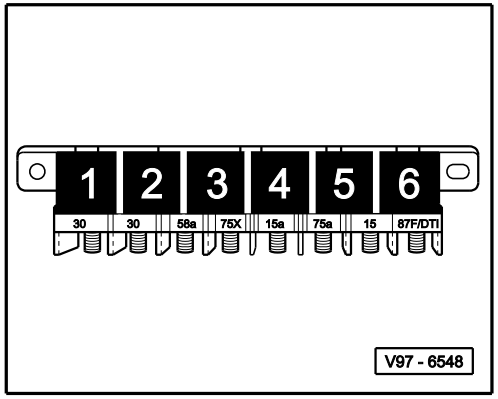
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

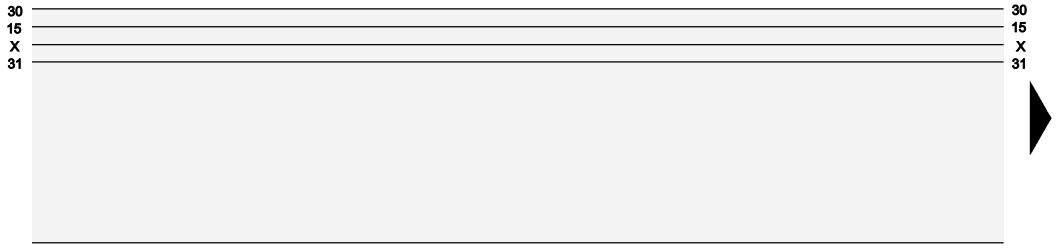
1 - X contact relief relay
2 - Horn relay

3 - Headlight washer system relay
4 - Bridge connection for manual gearbox
- Automatic gearbox relay
5 - Automatic intermittent wash/wipe relay
6 - Fuel pump relay

Fuse colours:

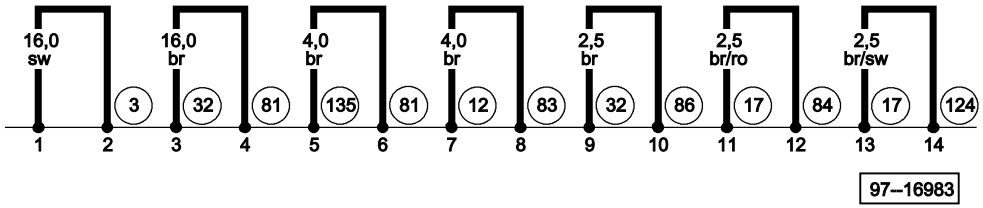
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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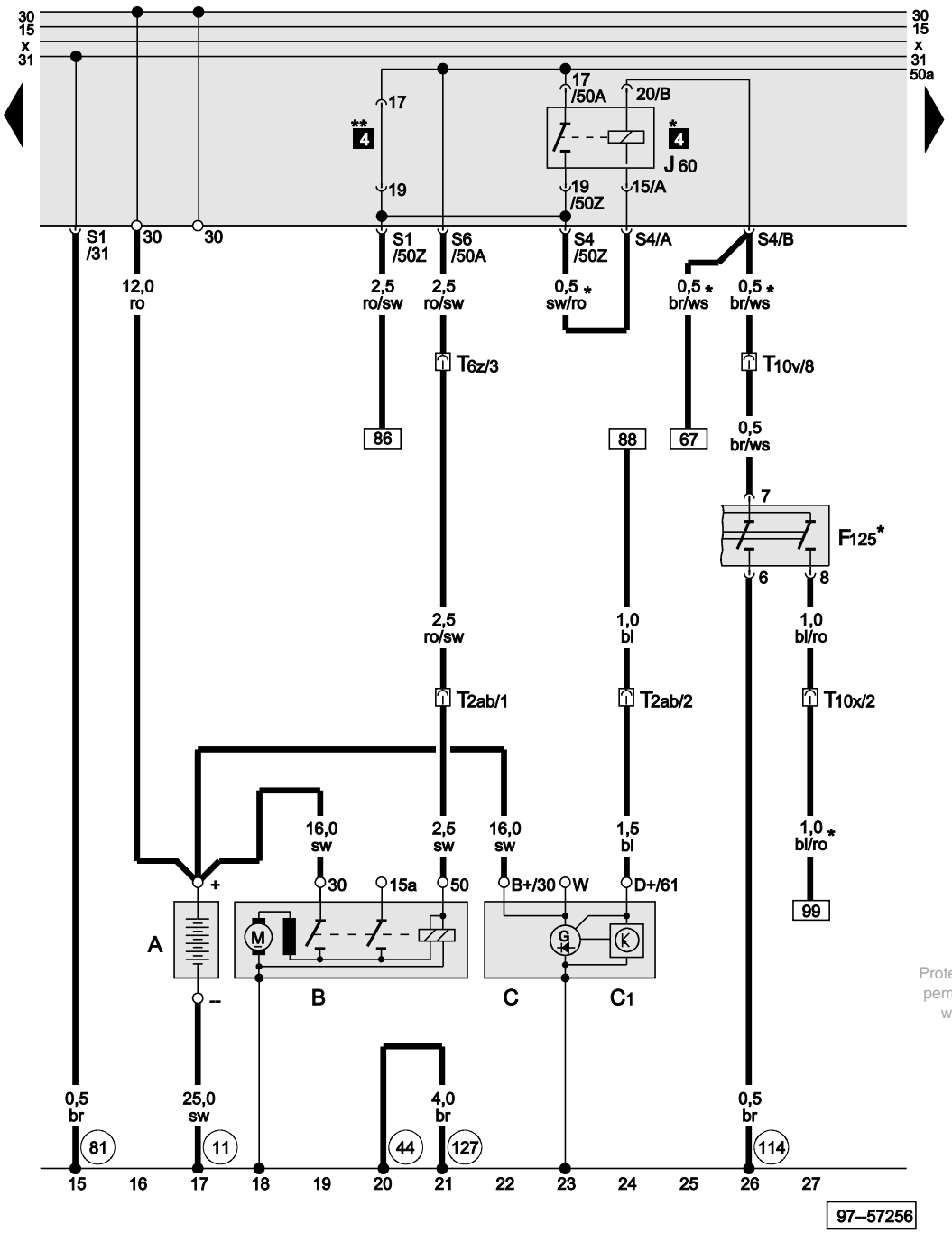
Earth connections

3	Earth strap, engine support, right, to longitudinal member, front right
12	Earth point, in engine compartment, left
17	Earth point, on intake manifold
32	Earth point, behind dash panel, left
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
84	Earth connection, engine earth, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
124	Earth connection, in engine compartment wiring harness, right
135	Earth connection -2-, in dash panel wiring harness



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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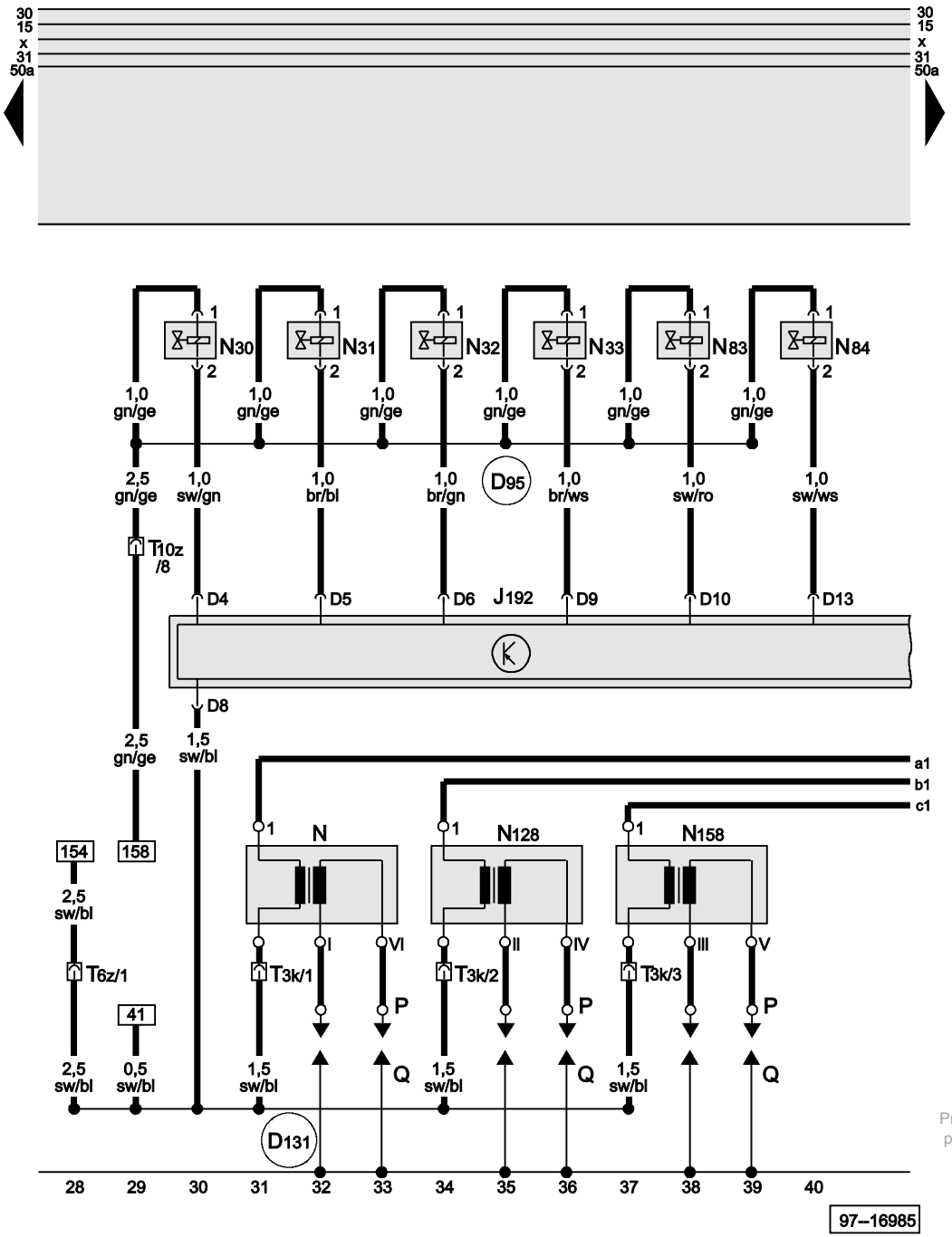


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
F125	Multi-function switch
J60	Automatic gearbox relay
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
11	Earth point, in battery box
44	Earth point, lower part of left A pillar
81	Earth connection -1-, in dash panel wiring harness
114	Earth connection, in automatic gearbox wiring harness
127	Earth connection -1-, in air conditioner compressor wiring harness
*	Models with automatic gearbox
**	Models with manual gearbox

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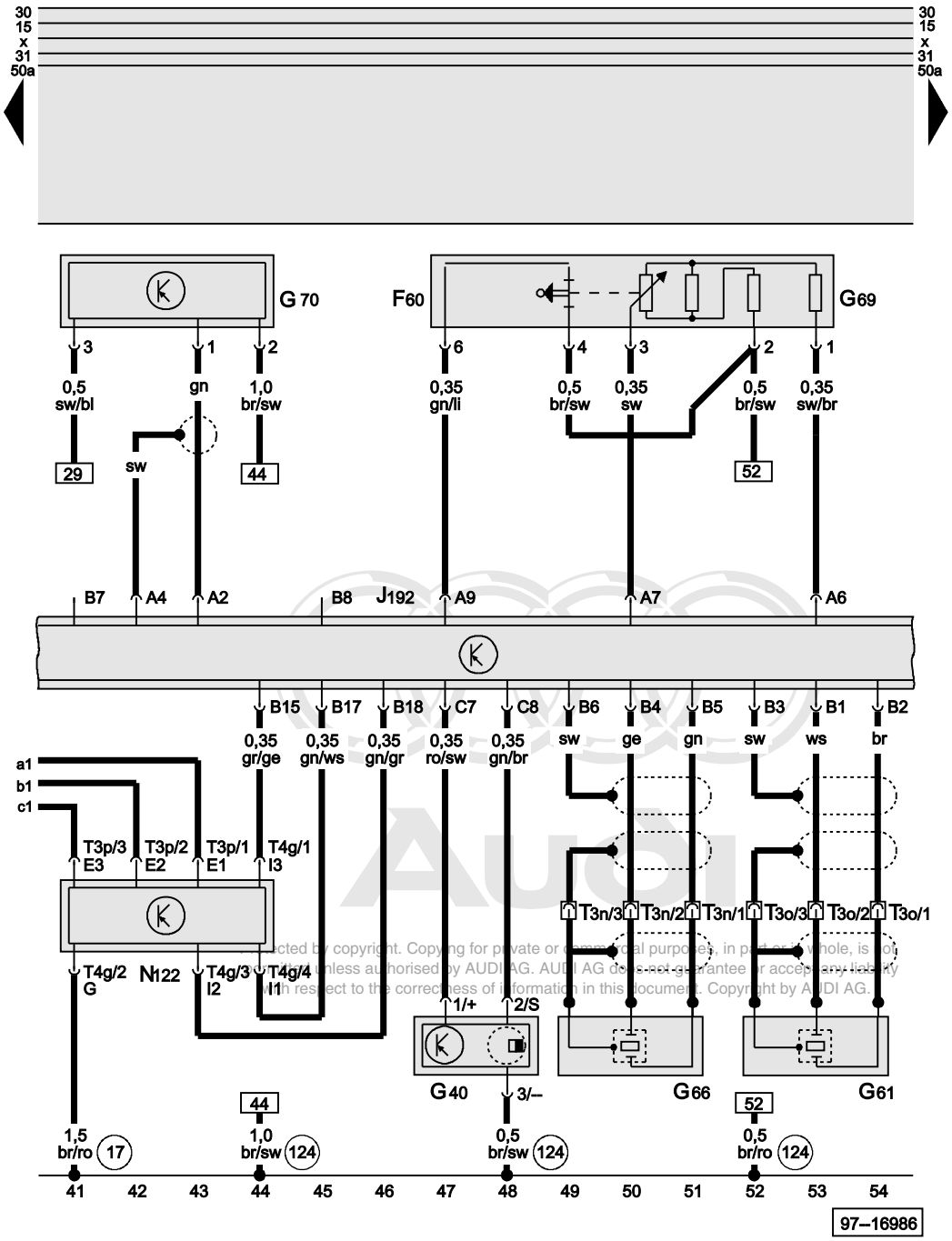


Multi-point injection control unit, ignition system, injectors

J192	Multi-point injection control unit
N	Ignition coil
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T3k	3-pin connector, white, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D95	Connection (injectors), in engine compartment wiring harness
D131	Connection (15) via fuse 232, in engine compartment wiring harness

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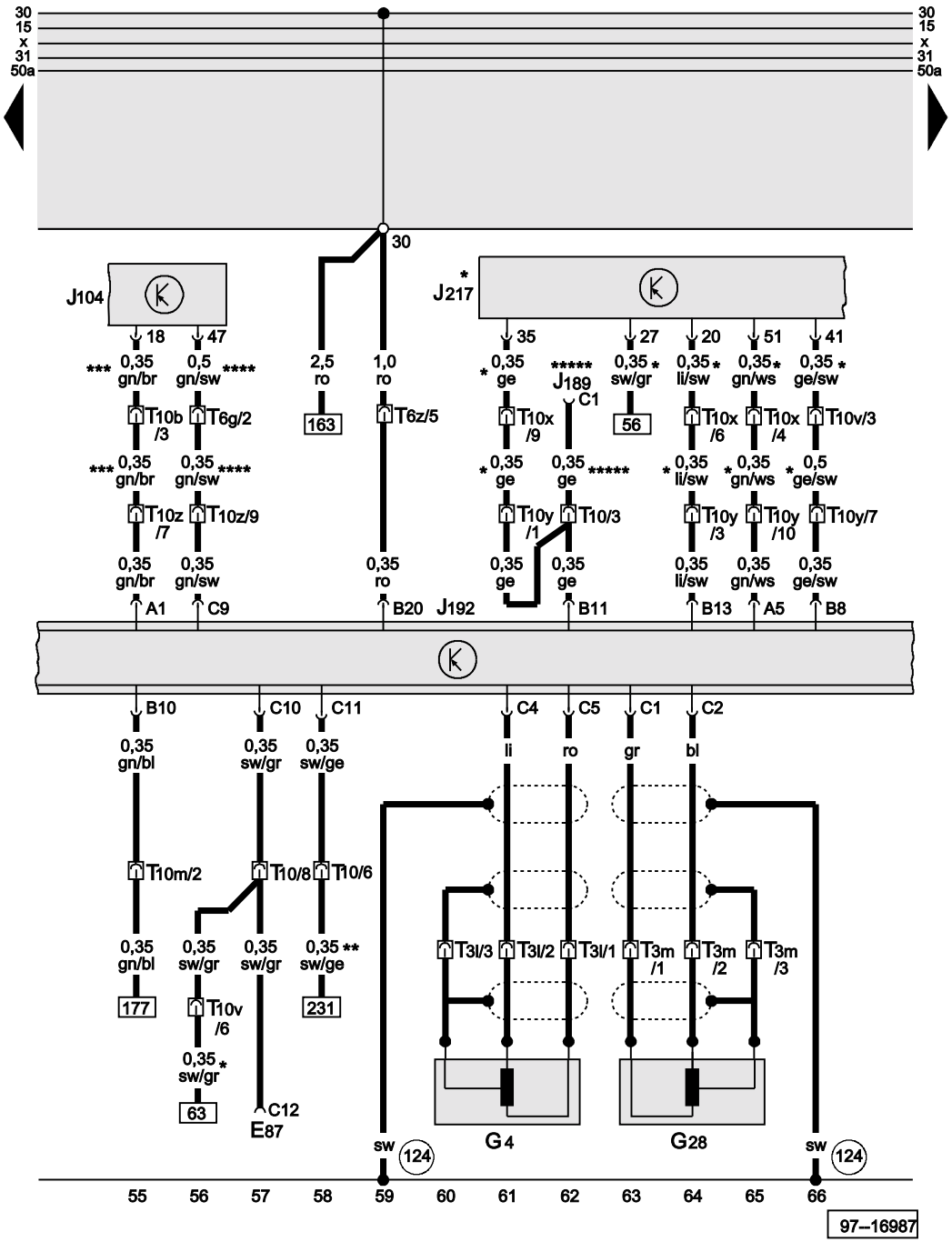


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Multi-point injection control unit, air mass meter, throttle valve potentiometer, hall sender, knock sensors, final output stage for ignition coils

F60	Idling switch
G40	Hall sender
G61	Knock sensor I
G66	Knock sensor II
G69	Throttle valve potentiometer
G70	Air mass meter
J192	Multi-point injection control unit
N122	Final output stage
T3p	3-pin connector, green, in engine compartment, left
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment
T4g	4-pin connector, brown, on ignition final output stage
17	Earth point, on intake manifold
124	Earth connection, in engine compartment wiring harness, right, welding point (engine block)

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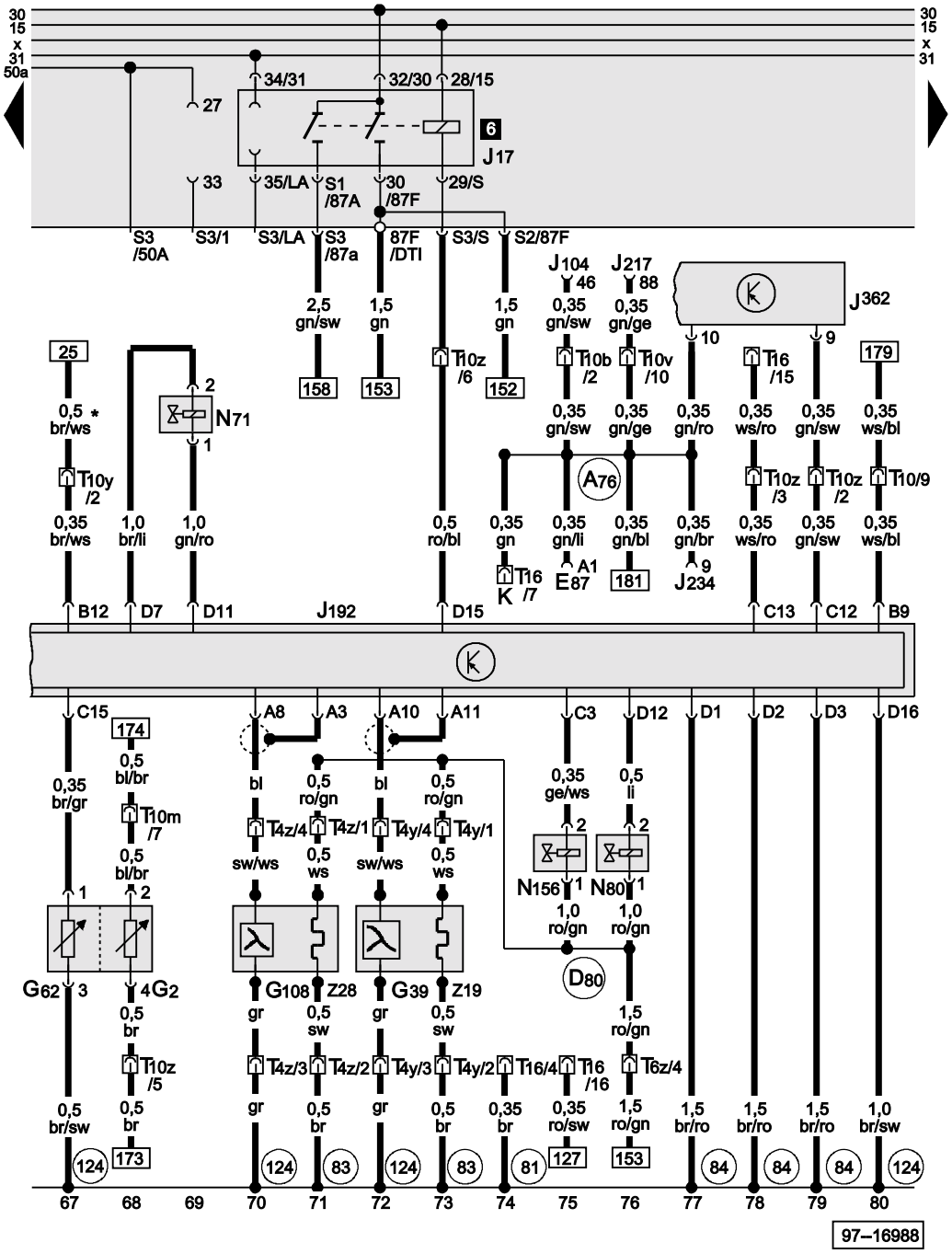


Multi-point injection control unit, firing point sender, engine speed

E87	Control and display unit for air conditioner
G4	Firing point sender
G28	Engine speed sender
J104	ABS with EDL control unit
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
T3l	3-pin connector, black, in engine compartment, left
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, gray, right connector point, A pillar
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
124	Earth connection, in engine compartment right wiring harness
*	Models with automatic gearbox
**	Wire line models with air conditioner
***	Only models with ABS, EDL and TCS
****	Only models with ABS, EDL and TCS (front-wheel drive)
*****	Only models with auto-check system

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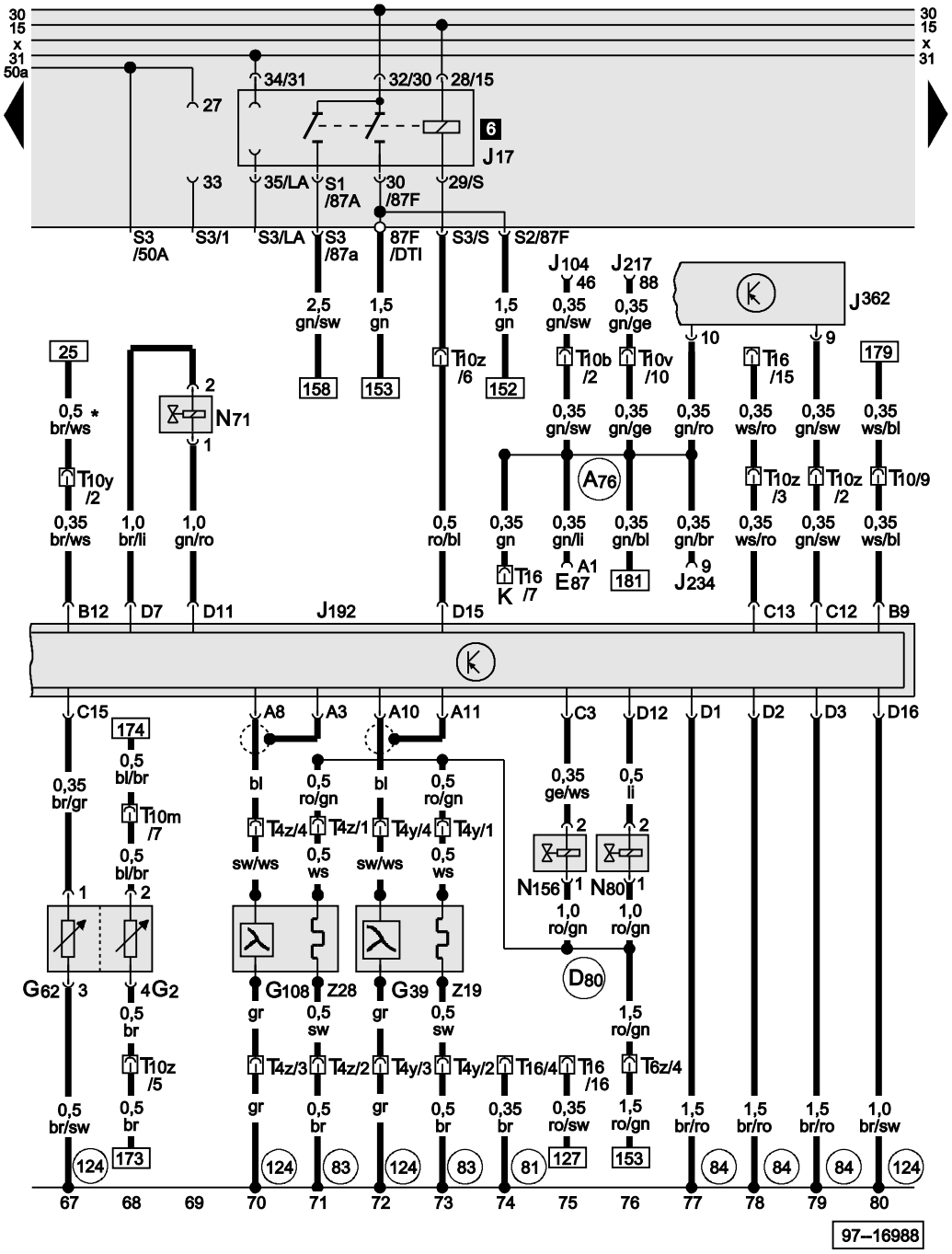


Multi-point injection control unit, fuel pump relay, diagnostic connector, lambda probes with heating

E87	Control and display unit for air conditioner/Climatronic
G2	Coolant temperature sender
G39	Lambda probe
G62	Coolant temperature sender
G108	Lambda probe II
J17	Fuel pump relay
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
J362	Immobilizer control unit
N71	Idling stabilization valve
N80	Activated charcoal filter system solenoid valve 1
N156	Intake manifold change-over valve
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
Z19	Lambda probe heater
Z28	Lambda probe 2 heater

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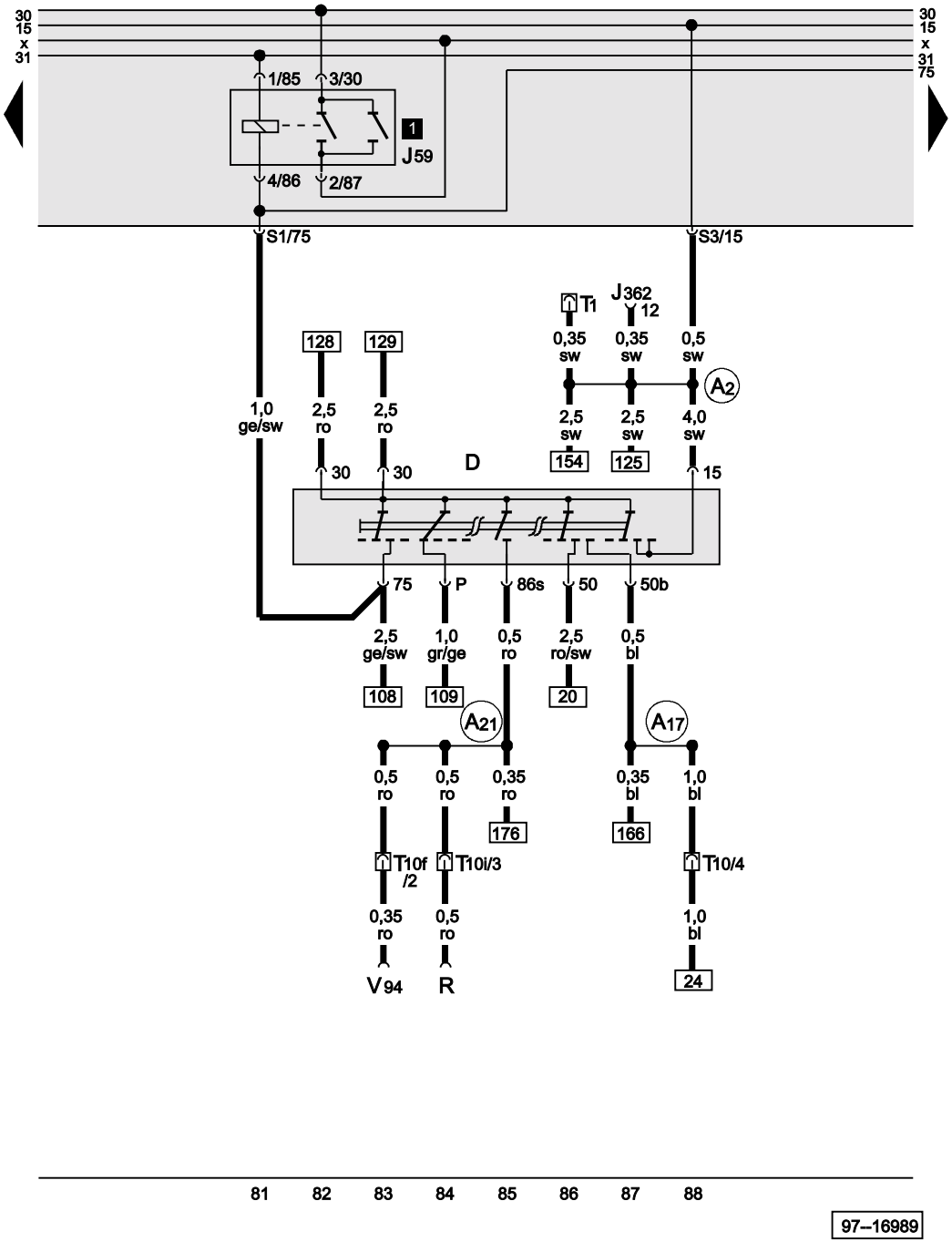


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Multi-point injection control unit, fuel pump relay, diagnostic connector, lambda probes with heating

A76	Connection (diagnosis wire K), in dash panel wiring harness
D80	Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
84	Earth connection, engine block, in front right wiring harness
124	Earth connection, in engine compartment right wiring harness
*	Models with automatic gearbox

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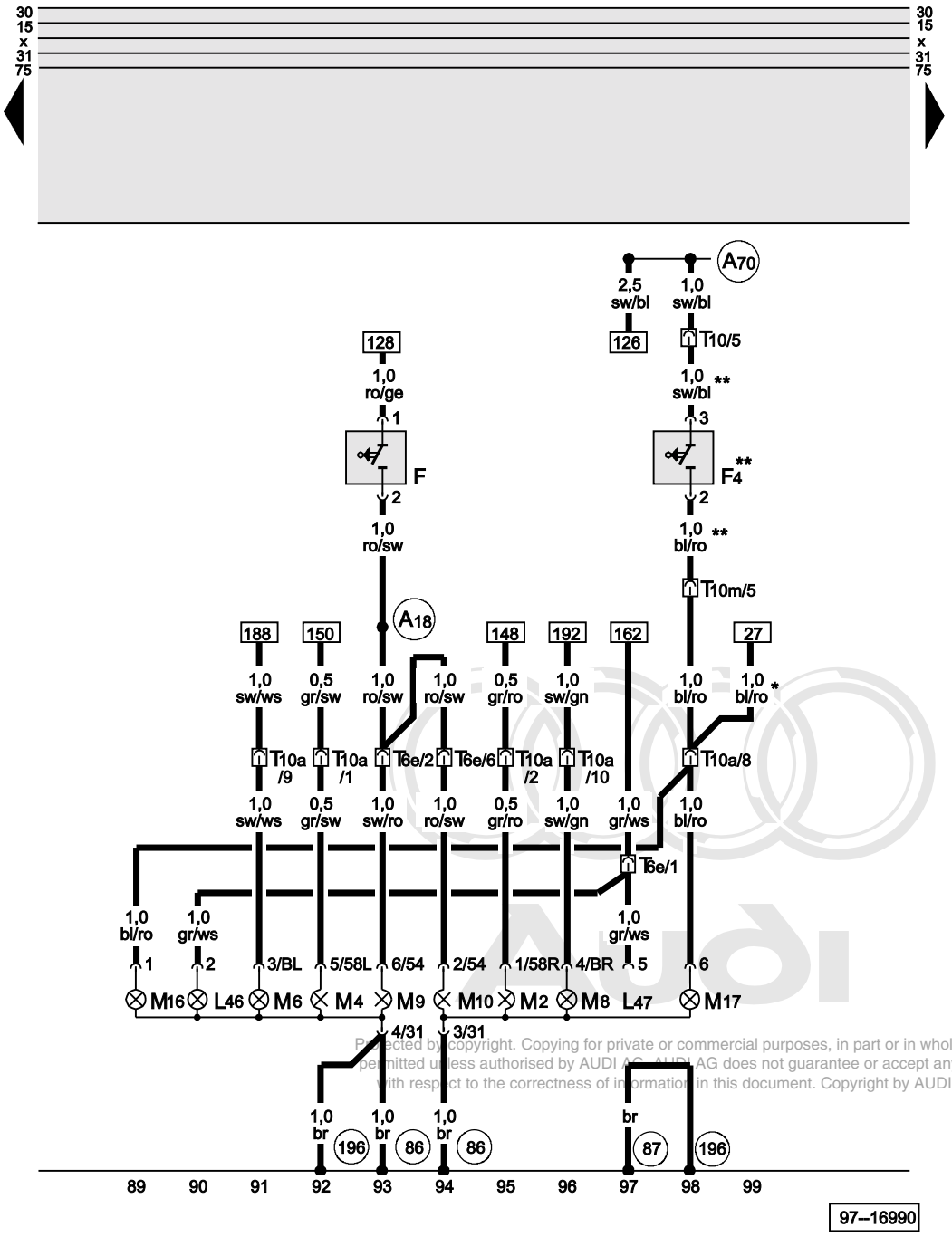


Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
J362	Immobilizer control unit
R	Radio
T1	Single connector
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
A17	Connection (61), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness

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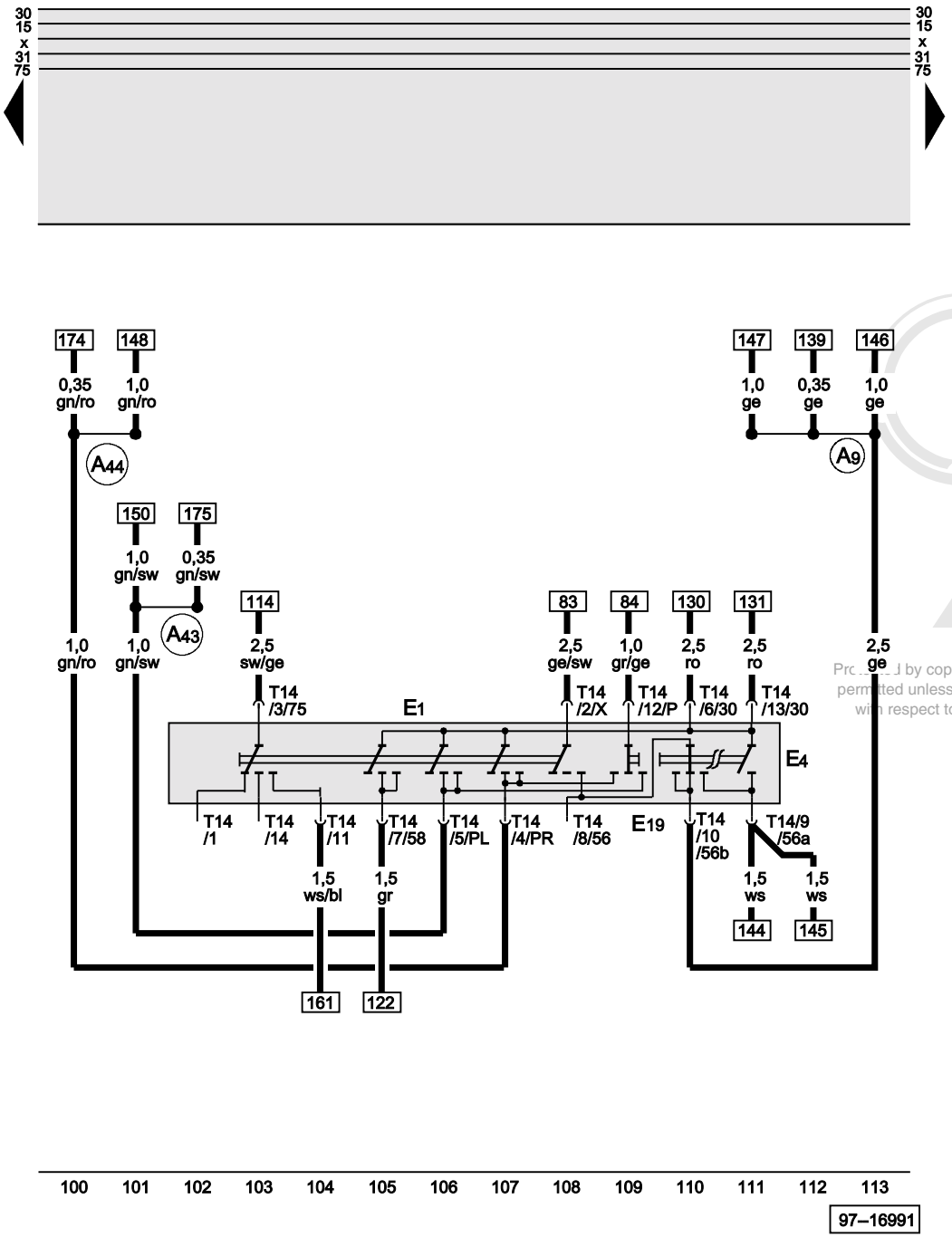


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Brake light switch, tail light

F	Brake light switch
F4	Reversing light switch
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M9	Brake light bulb, left
M10	Brake light bulb, right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
A18	Connection (54), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
*	Models with automatic gearbox
**	Models with manual gearbox

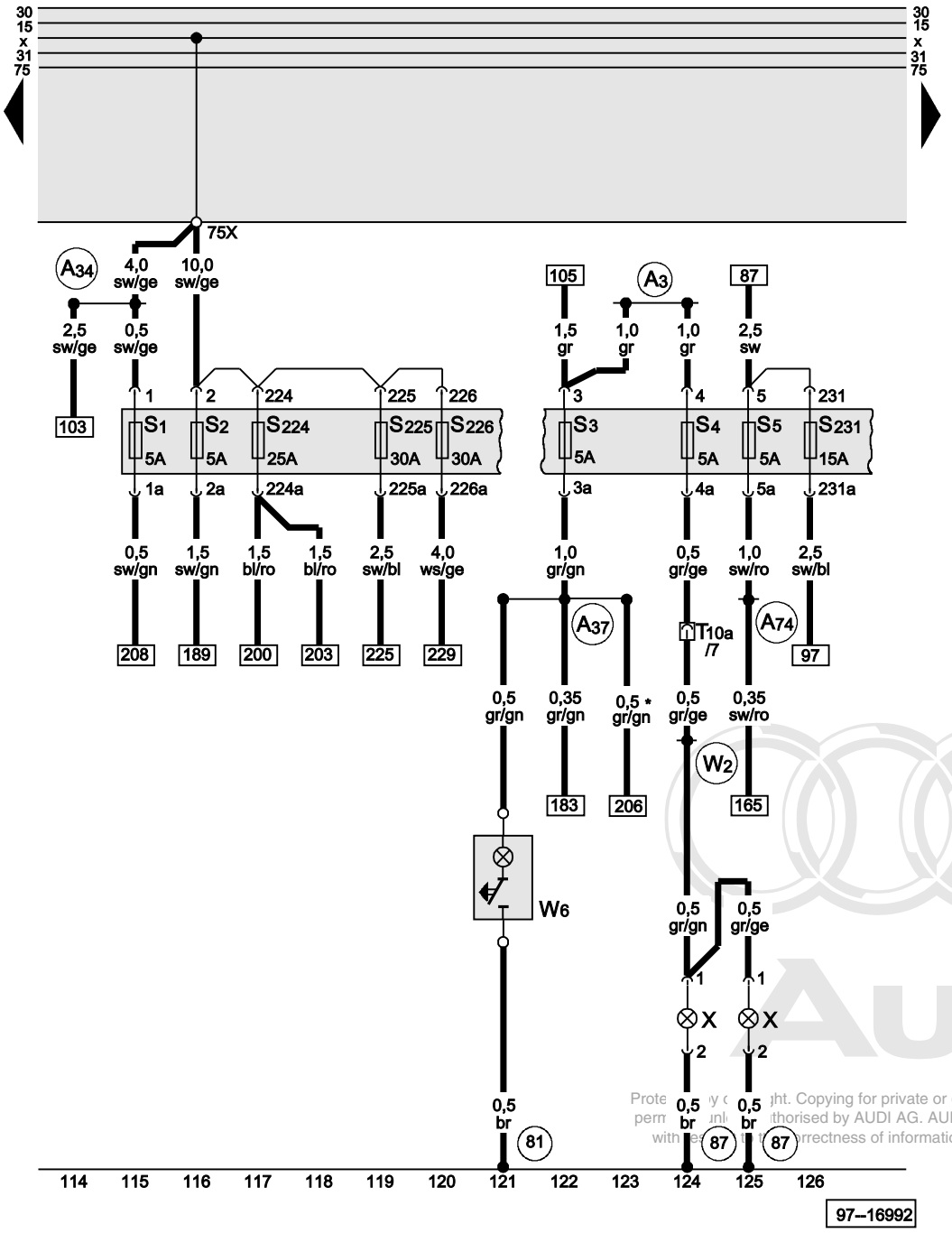


Lighting switch

E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
T14	14-pin connector, black, at steering column switch
A9	Positive (+) connection (56 b), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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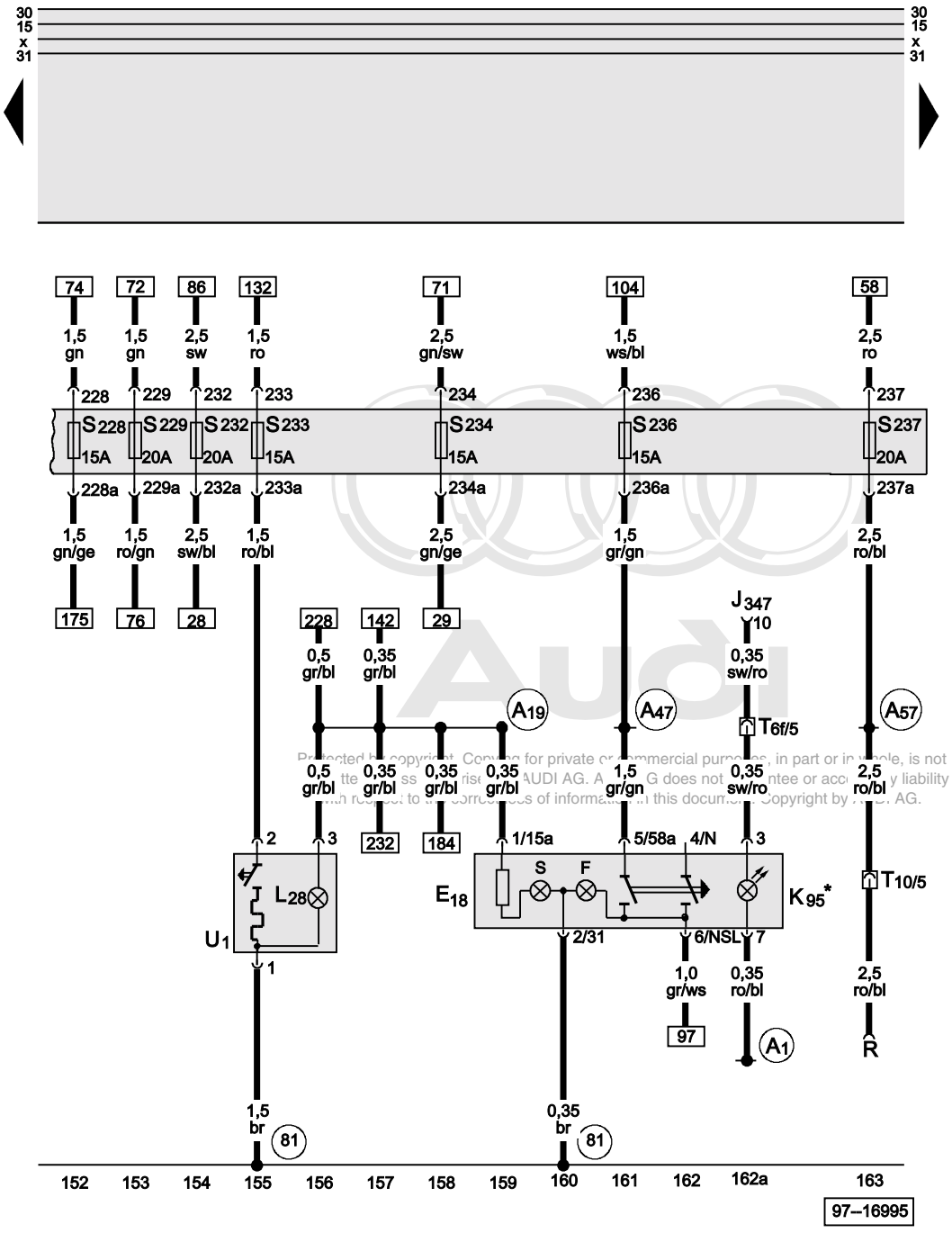


Fuse box, number plate light, glove box light

S1	Fuse in fuse box
S2	Fuse in fuse box
S3	Fuse in fuse box
S4	Fuse in fuse box
S5	Fuse in fuse box
S224	Fuse in fuse box
S225	Fuse in fuse box
S226	Fuse in fuse box
S231	Fuse in fuse box
T10a	10-pin connector, brown, left connector point, A pillar
W6	Glove box light
X	Number plate light
A3	Positive (+) connection (58), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
W20	Positive (+) connection (58), in rear wiring harness
81	Earth connection -1-, in dash panel wiring harness
87	Earth connection -2-, in rear wiring harness
*	Models with headlight washer system

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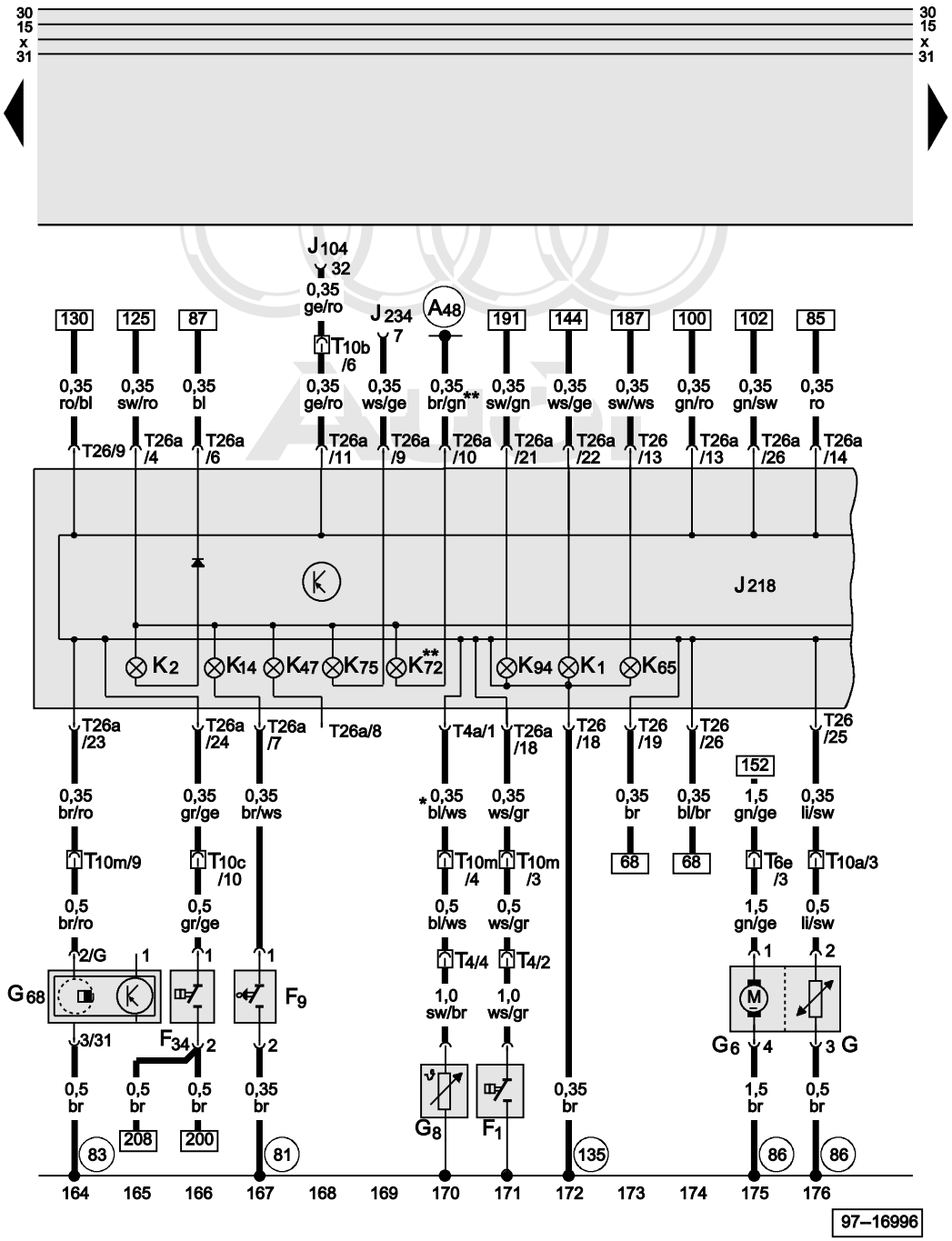


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Fuse box, cigarette lighter, rear fog light switch

E18	Rear fog light switch
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
L28	Cigarette lighter light bulb
S228	Fuse in fuse box
S229	Fuse in fuse box
S232	Fuse in fuse box
S233	Fuse in fuse box
S234	Fuse in fuse box
S236	Fuse in fuse box
S237	Fuse in fuse box
T6f	6-pin connector, orange, right connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
U1	Cigarette lighter
81	Earth connection -1-, in dash panel wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A47	Connection (55), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Models with anti-theft alarm system

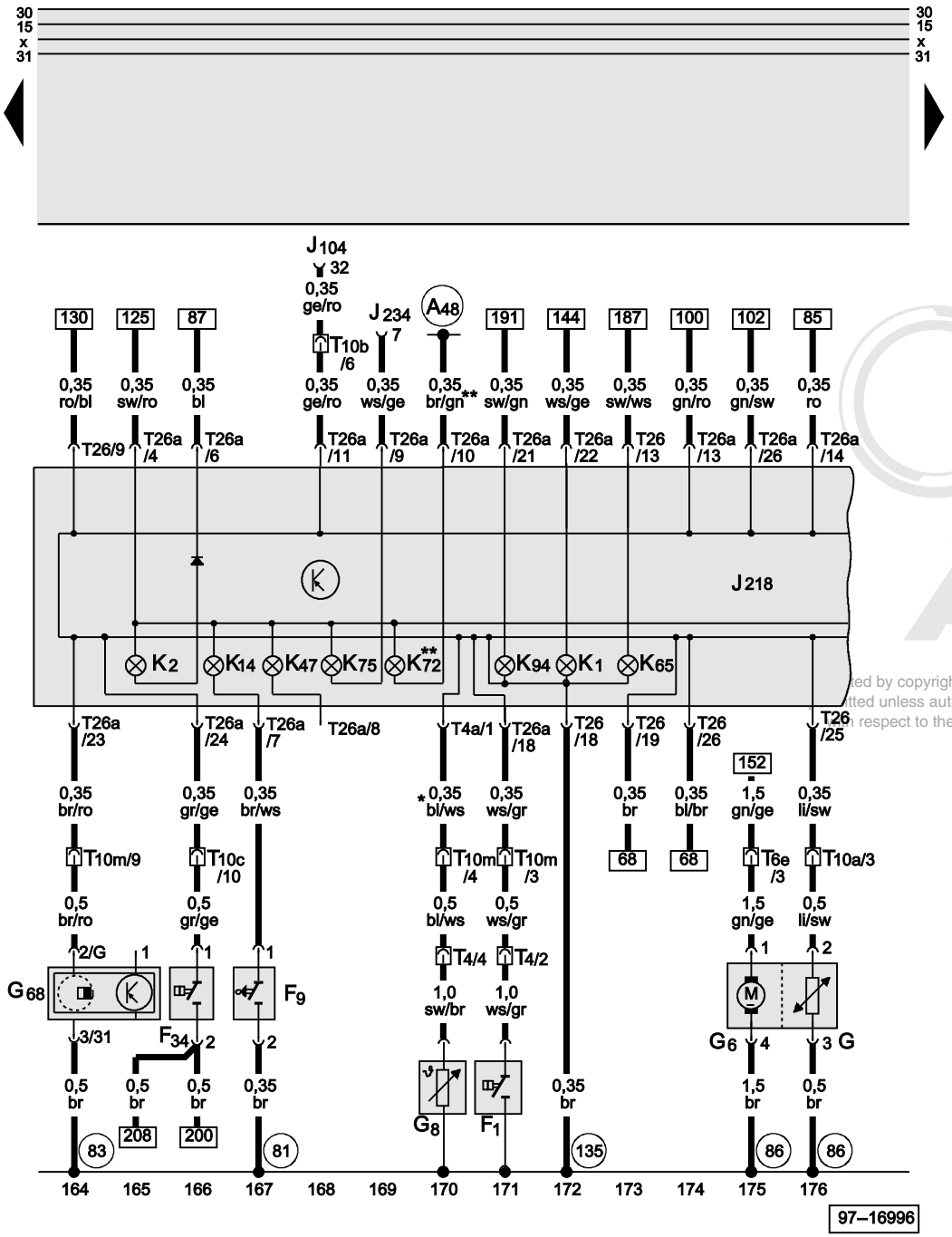
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Dash panel insert, vehicle speed sender, fuel gauge, fuel pump, oil pressure switch

F1	Oil pressure switch
F9	Handbrake warning switch
F34	Brake fluid level warning contact
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G8	Oil temperature sender
G68	Vehicle speed sender
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
J234	Airbag control unit
K1	Main beam warning lamp
K2	Alternator warning lamp
K14	Handbrake warning lamp
K47	ABS warning lamp
K65	Left turn signal warning lamp
K72	Catalyst monitor warning lamp
K75	Airbag warning lamp
K94	Right turn signal warning lamp
T4	4-pin connector, black, centre in engine compartment
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert

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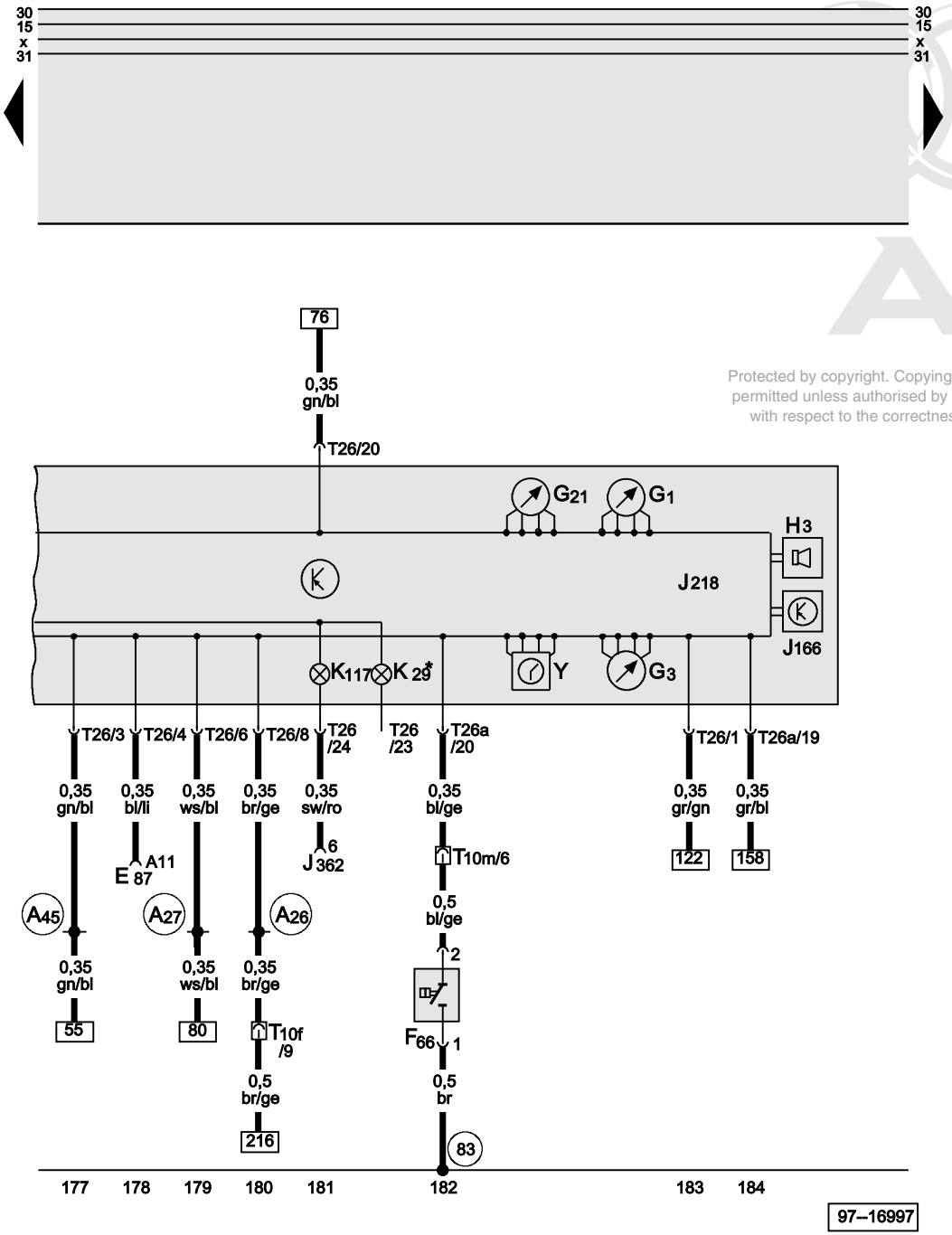
Dash panel insert, vehicle speed sender, fuel gauge, fuel pump, oil pressure switch

- 81 Earth connection -1-, in dash panel wiring harness
- 83 Earth connection -1-, in front right wiring harness
- 86 Earth connection -1-, in rear wiring harness
- 135 Earth connection -2-, in dash panel wiring harness
- A48 Connection (catalyst monitor), in dash panel wiring harness
- * Only models with additional instruments
- ** Specific export versions

Audi

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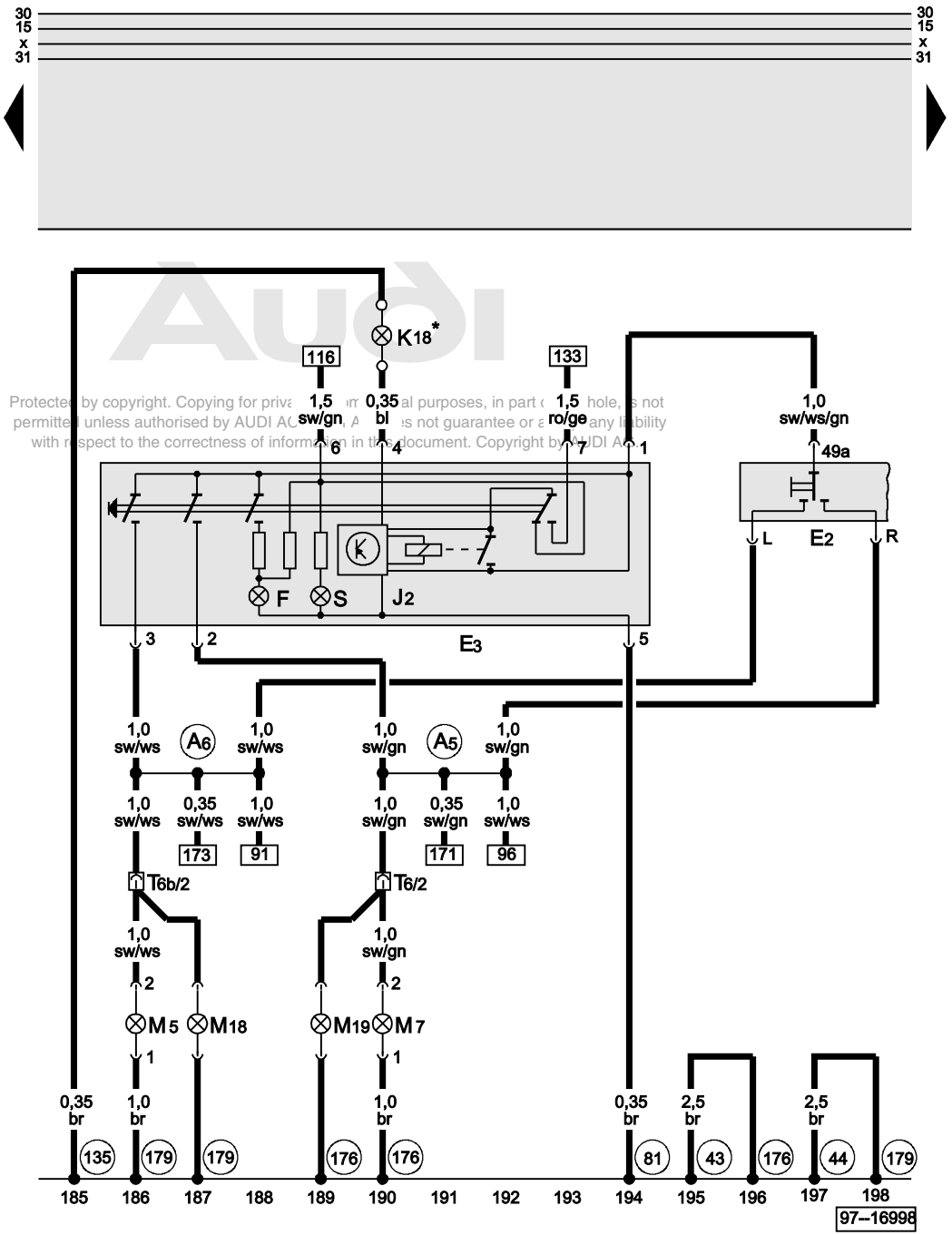


Dash panel insert, coolant monitoring

E87	Control and display unit for air conditioner
F66	Coolant shortage indicator switch
G1	Fuel gauge
G3	Coolant temperature gauge
G21	Speedometer
H3	Buzzer/gong
J166	Instrument illumination amplifier
J218	Combi-processor in dash panel insert
J362	Immobilizer control unit
K29	Glow period warning lamp
K117	Immobilizer warning lamp
T10f	10-pin connector, black, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y	Analogue clock
83	Earth connection -1-, in front right wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with diesel

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

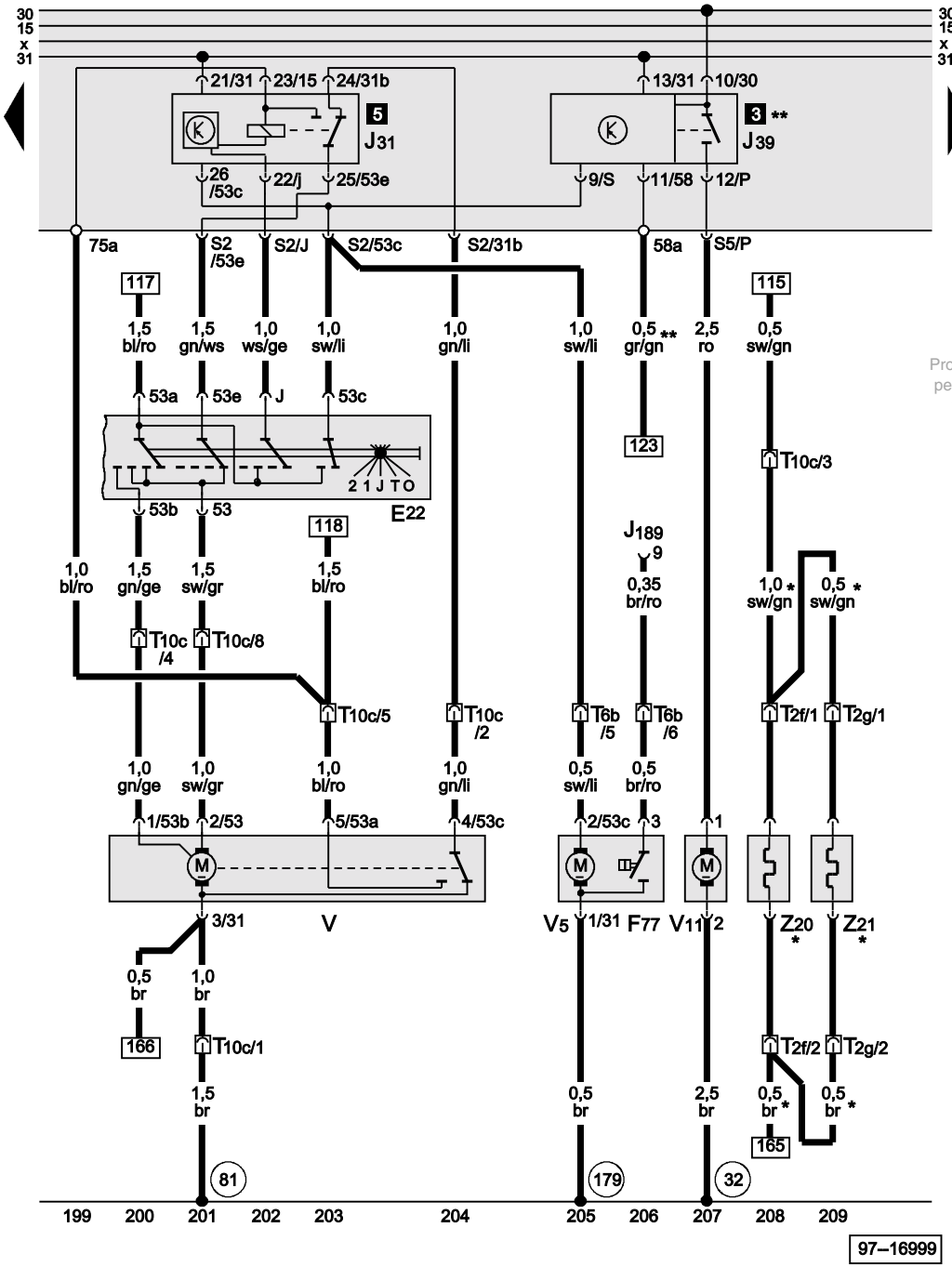


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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Hazard warning light switch, turn signal switch

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A pillar
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness



Intermittent wiper switch, windscreen washer/wiper system, headlight washer system, heated washer jets

E22	Intermittent wiper switch
F77	Windscreen washer fluid warning contact
J31	Automatic intermittent wash/wipe relay
J39	Headlight washer system relay
J189	Auto-check system
T2f	2-pin connector, on bonnet
T2g	2-pin connector, on bonnet
T6b	6-pin connector, yellow, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
V	Windscreen wiper motor
V5	Windscreen washer pump
V11	Headlight washer system pump
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet

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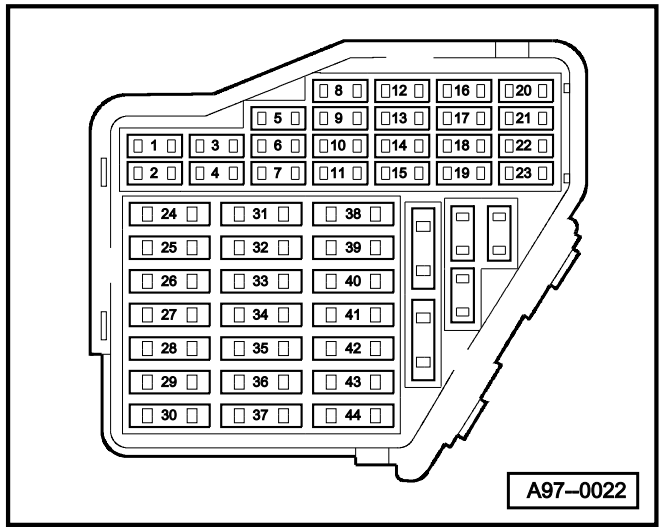
32	Earth point, behind dash panel, left
81	Earth connection -1-, in dash panel wiring harness
179	Earth connection, in left headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Audi A4 (1.8 l Motronic, 92 kW, 4 cylinders), engine code ADR

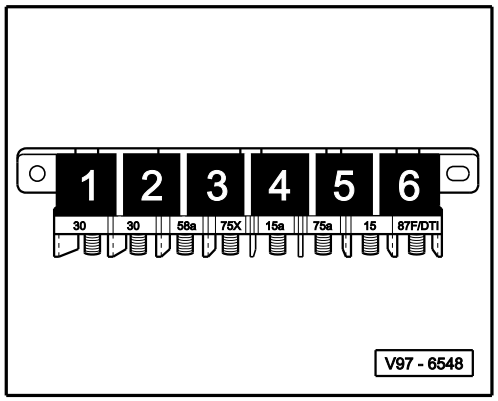
From November 1994

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relay:

4 - Bridge for manual gearbox

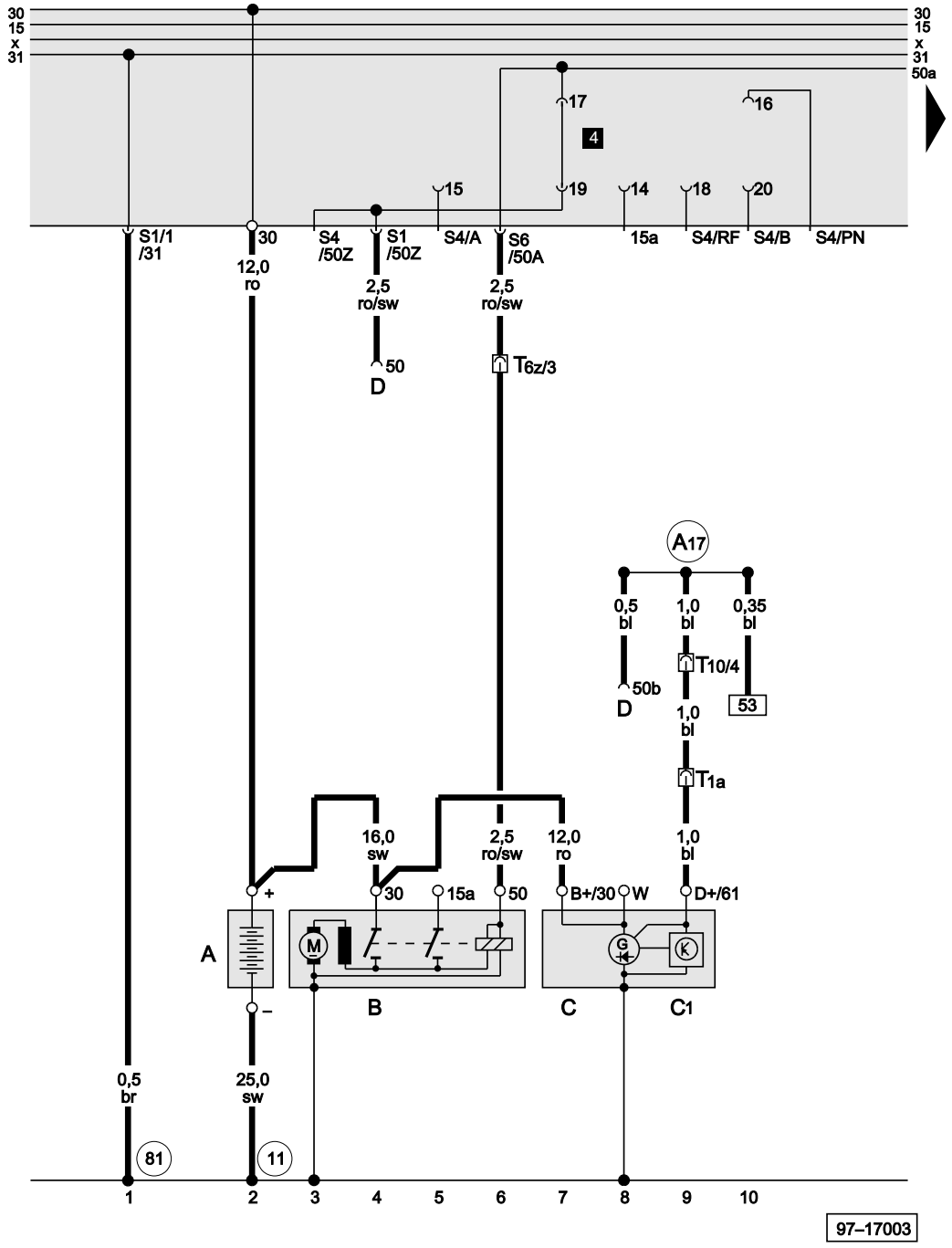
6 - Fuel pump relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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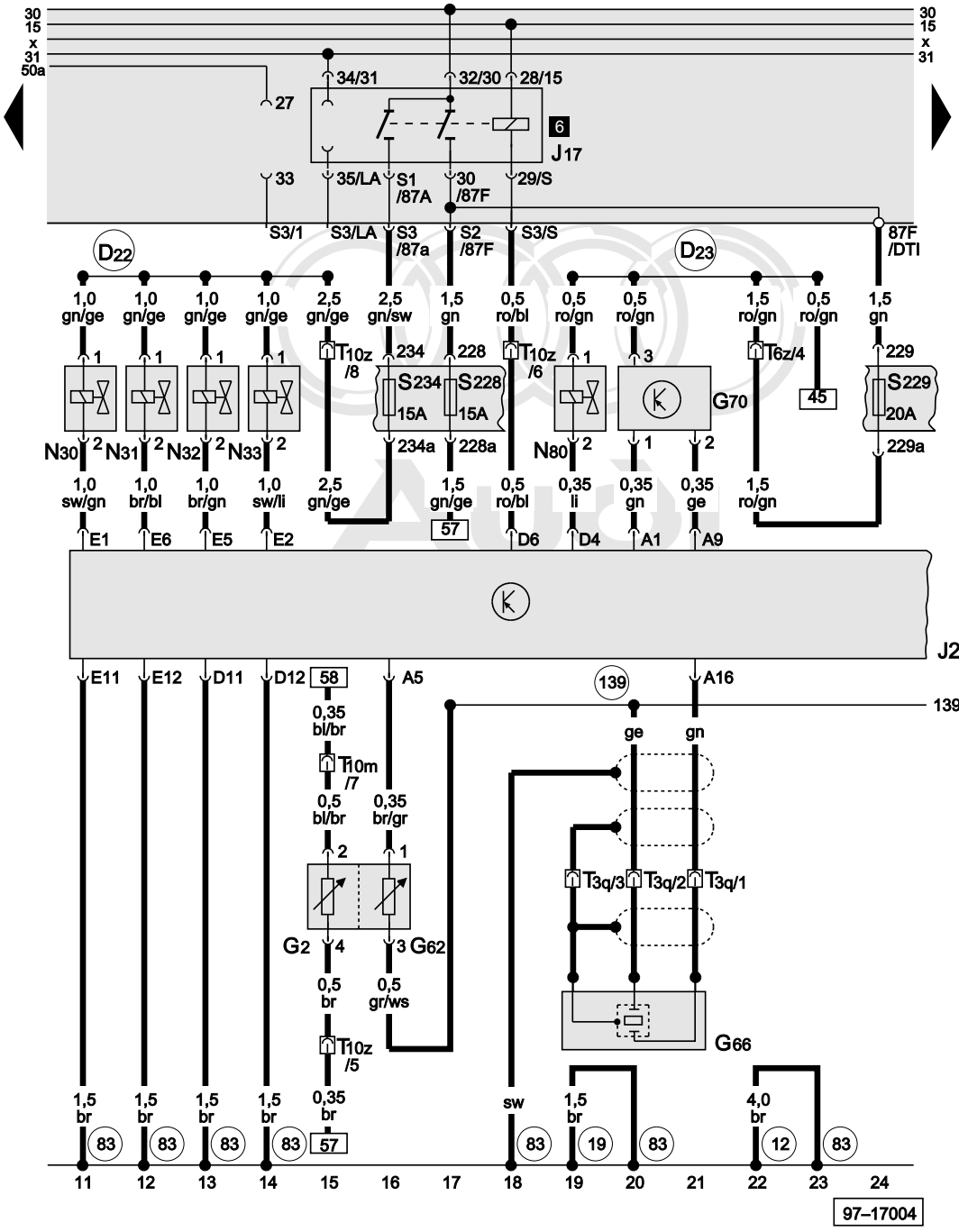


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
A17	Connection (61), in dash panel wiring harness
11	Earth point, in battery box
81	Earth connection -1-, in dash panel wiring harness

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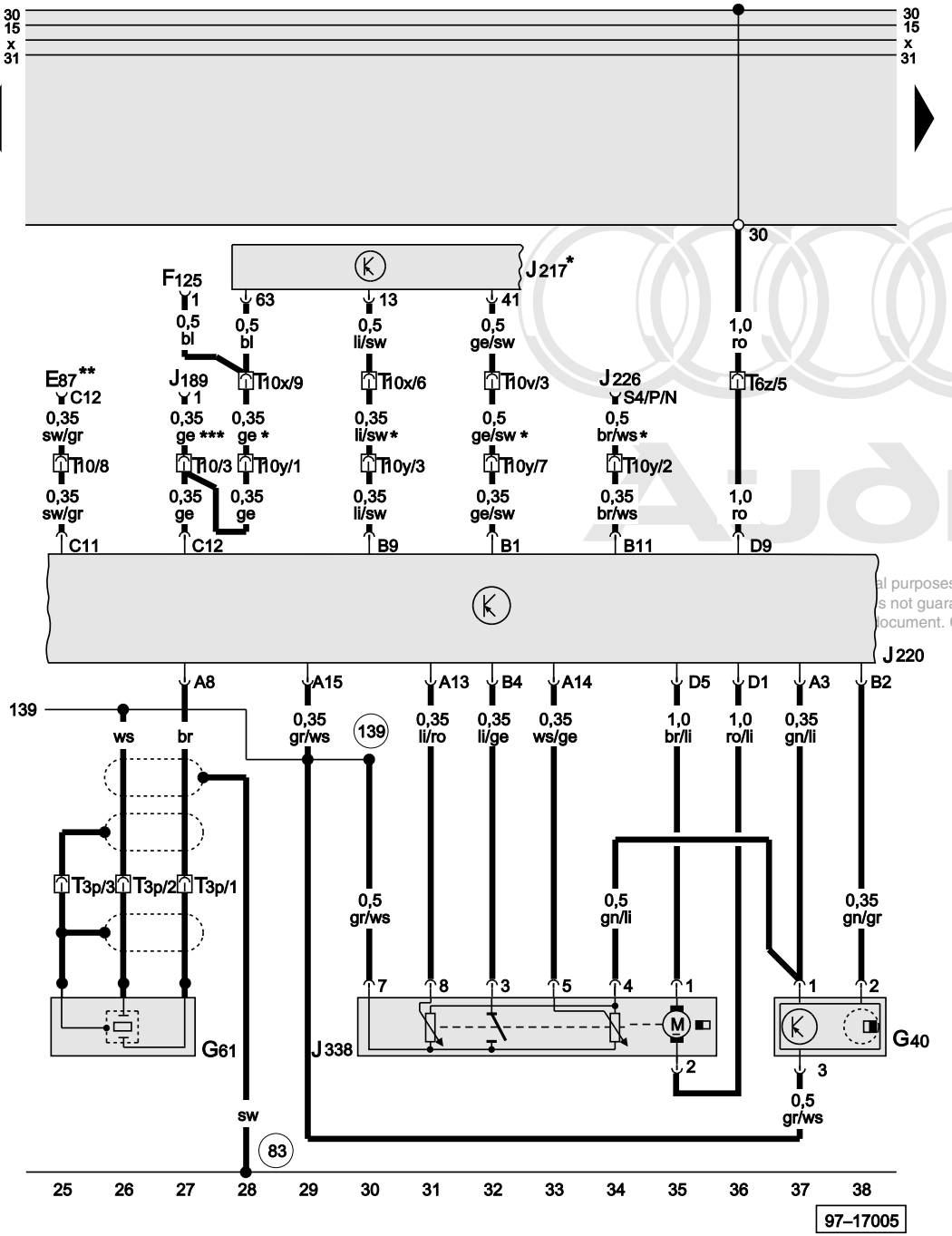
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Motronic control unit, fuel pump relay, knock sensor II, injectors, air mass meter

G2	Coolant temperature sender
G62	Coolant temperature sender
G66	Knock sensor II
G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T3q	3-pin connector, blue, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, in plenum
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in right wiring harness
12	Earth point, in engine compartment, left
19	Earth point, near ignition coil
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in right wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

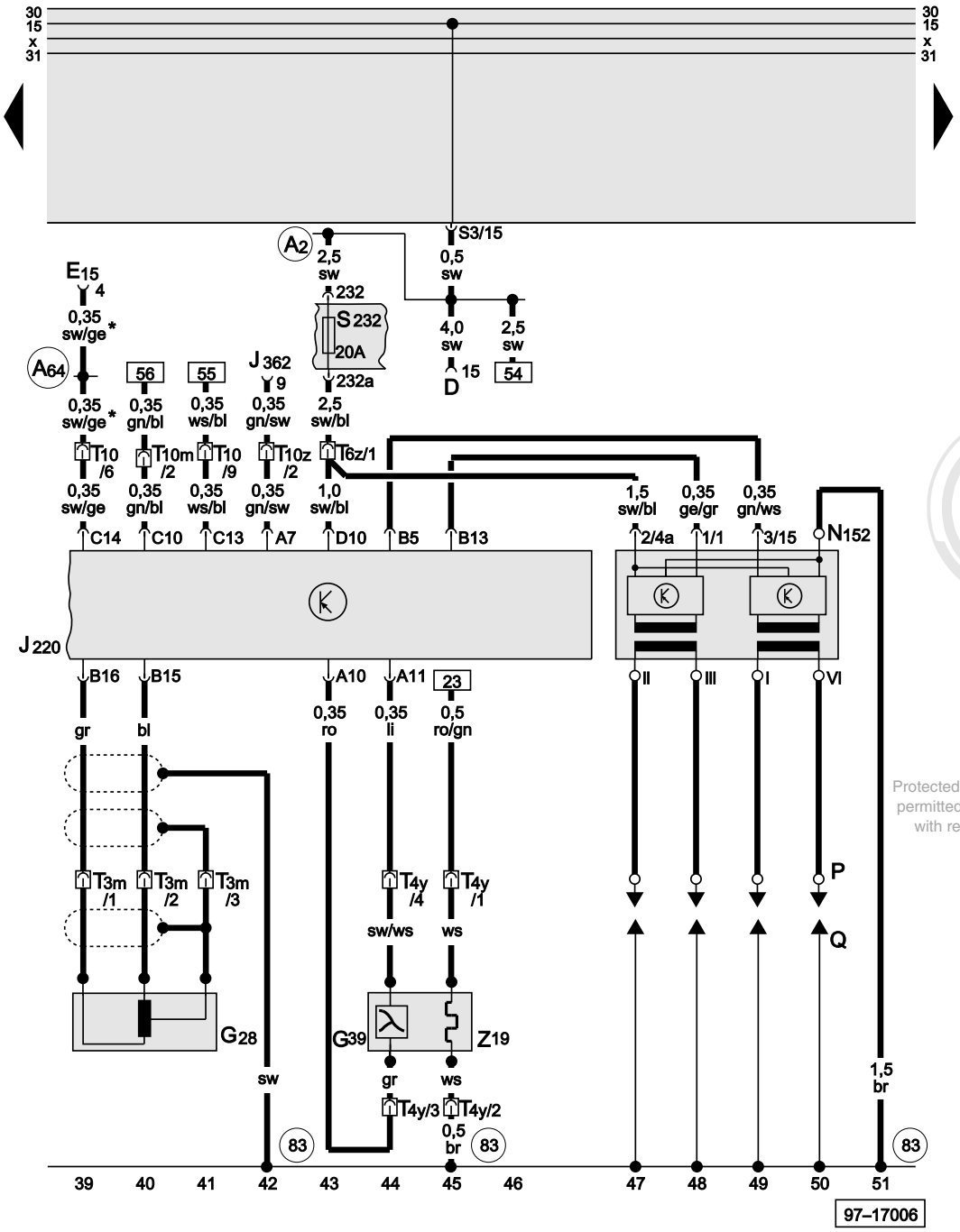


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, Hall sender, knock sensor, throttle valve

E87	Control and display unit for air conditioner/Climatronic
F125	Multi-function switch
G40	Hall sender
G61	Knock sensor
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
J338	Throttle valve control unit
T3p	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
*	Models with automatic gearbox
**	Models with air conditioner
***	Only models with auto-check system

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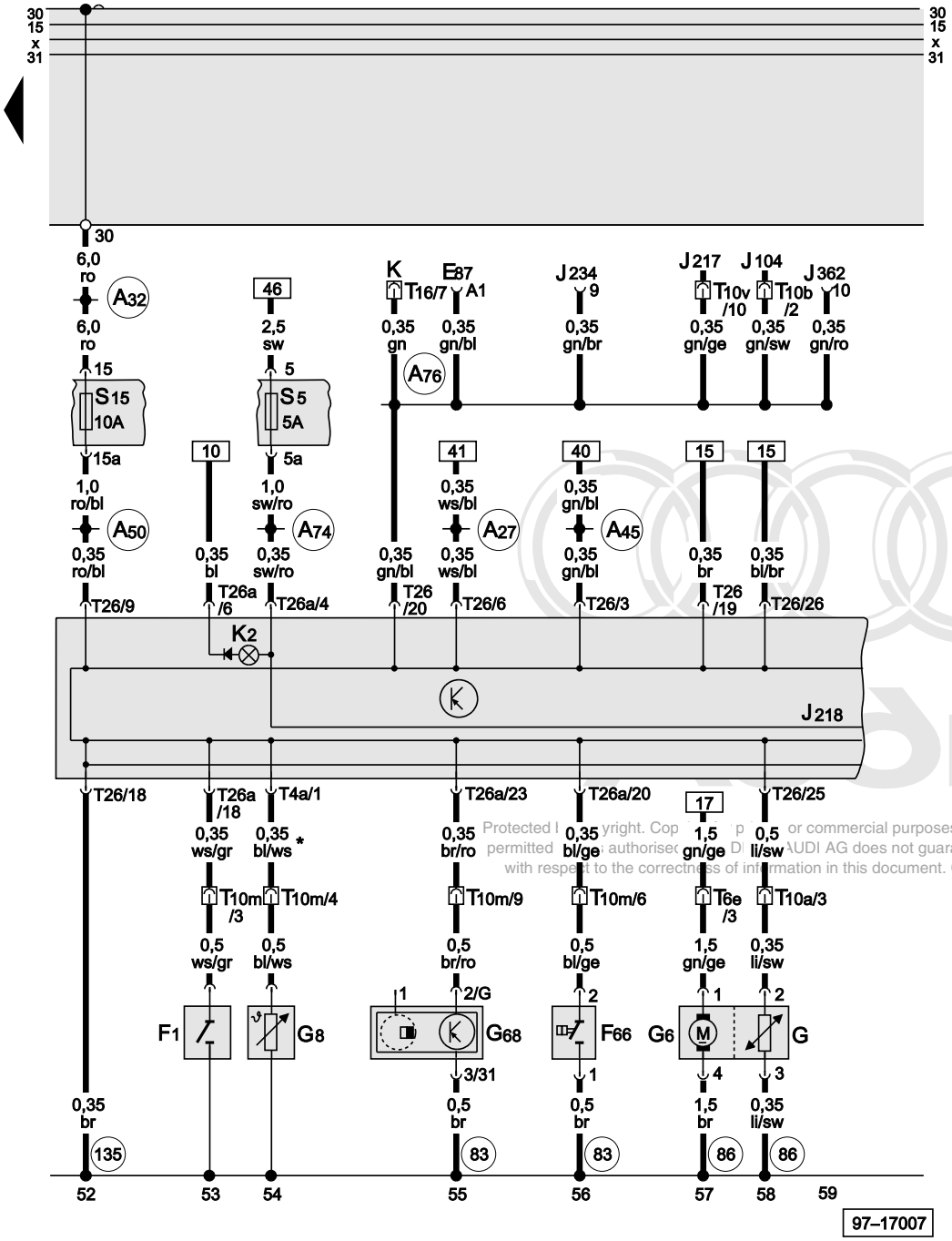
Motronic control unit, engine speed sender, lambda probe, ignition transformer

D	Ignition/starter switch
E15	Heated rear window switch
G28	Engine speed sender
G39	Lambda probe
J220	Motronic control unit
J362	Immobilizer control unit
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
P	Spark plug connector
Q	Spark plugs
S232	Fuse in fuse box
T3m	3-pin connector, grey, in engine compartment, left
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
A2	Positive (+) connection (15), in dash panel wiring harness
A64	Connection (30, rpm boost), in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness

* Wire line models with air conditioner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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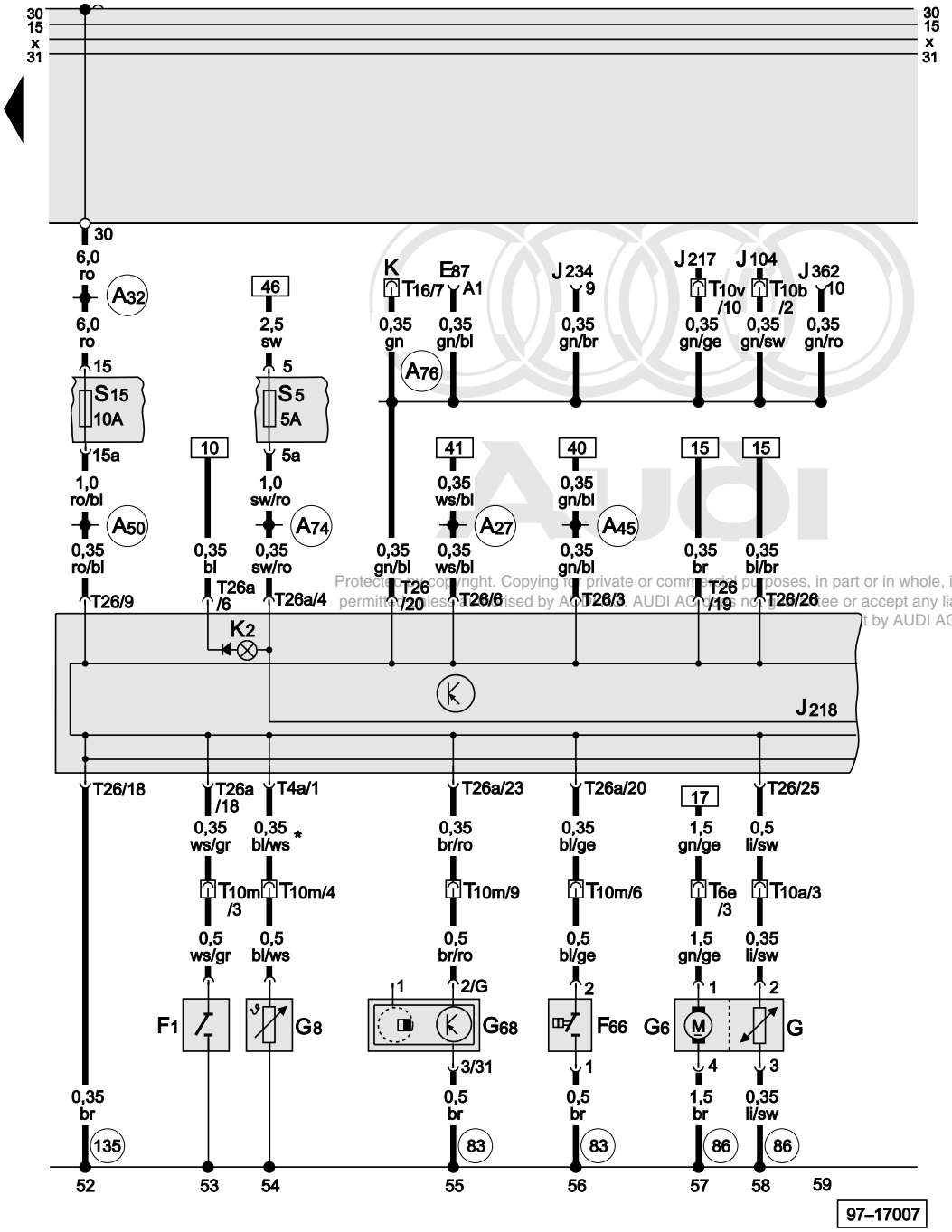


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, vehicle speed sender, fuel pump, fuel gauge, oil pressure switch, diagnostic connector

E87	Control and display unit for air conditioner
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G8	Oil temperature sender
G68	Vehicle speed sender (inductive sender, 2 connections)
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J234	Airbag control unit
J362	Immobilizer control unit
K2	Alternator warning lamp
S5	Fuse in fuse box
S15	Fuse in fuse box
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T16	16-pin connector, (diagnosis connection) in centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert

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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, vehicle speed sender, fuel pump, fuel gauge, oil pressure switch, diagnostic connector

- A27 Connection (speed signal), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- A50 Positive (+) connection (30as), in dash panel wiring harness
- A74 Positive (+) connection (15a, fuse 5), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- 83 Earth connection -1-, in front right wiring harness
- 86 Earth connection -1-, in rear wiring harness
- 135 Earth connection -2-, in dash panel wiring harness

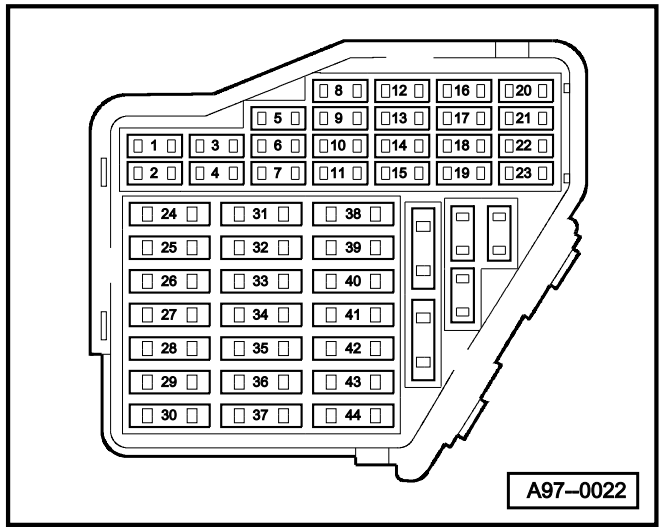
* Models with additional instruments

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Audi A4 (1.6 l Motronic, 74 kW, 4 cylinders), engine code ADP

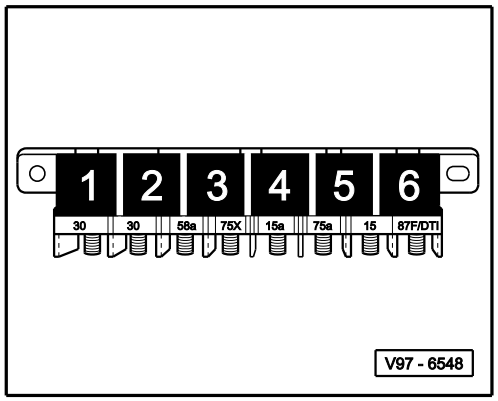
From November 1994

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

4 - Bridge for manual gearbox

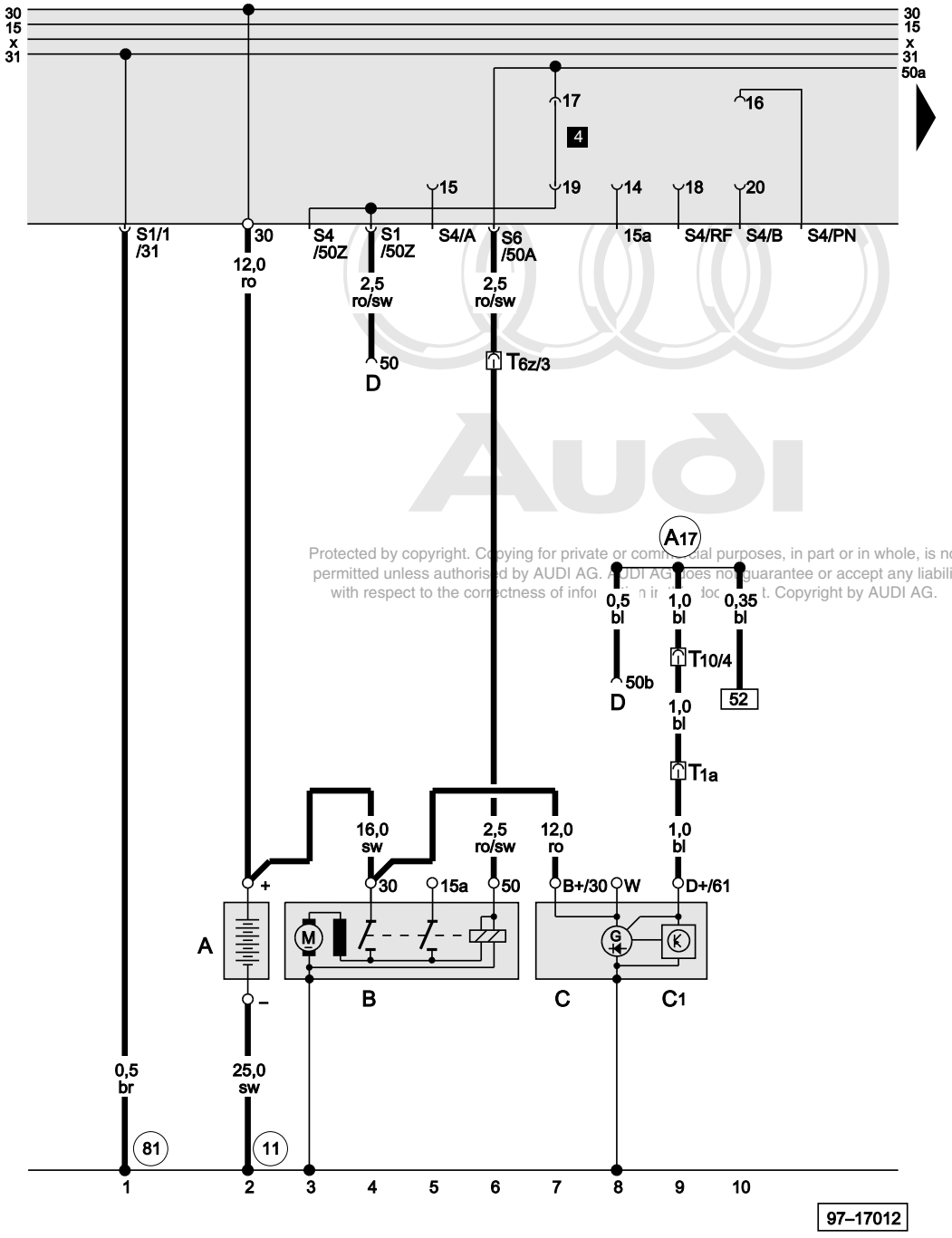
6 - Fuel pump relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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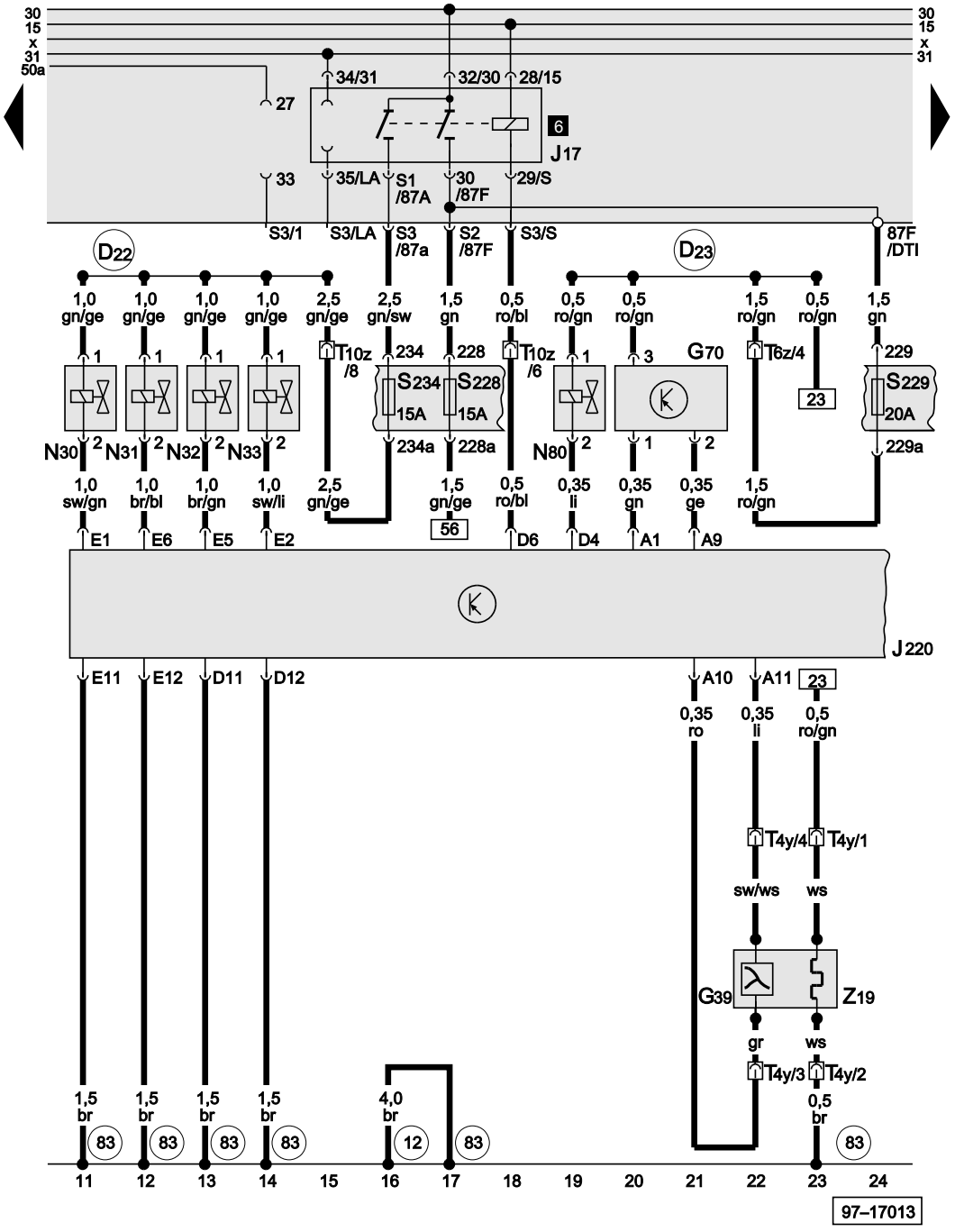


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
A17	Connection (61), in dash panel wiring harness
11	Earth point, in battery box
81	Earth connection -1-, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, fuel pump relay, air mass meter, lambda probe, injectors

G39	Lambda probe
G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
Z19	Lambda probe heater

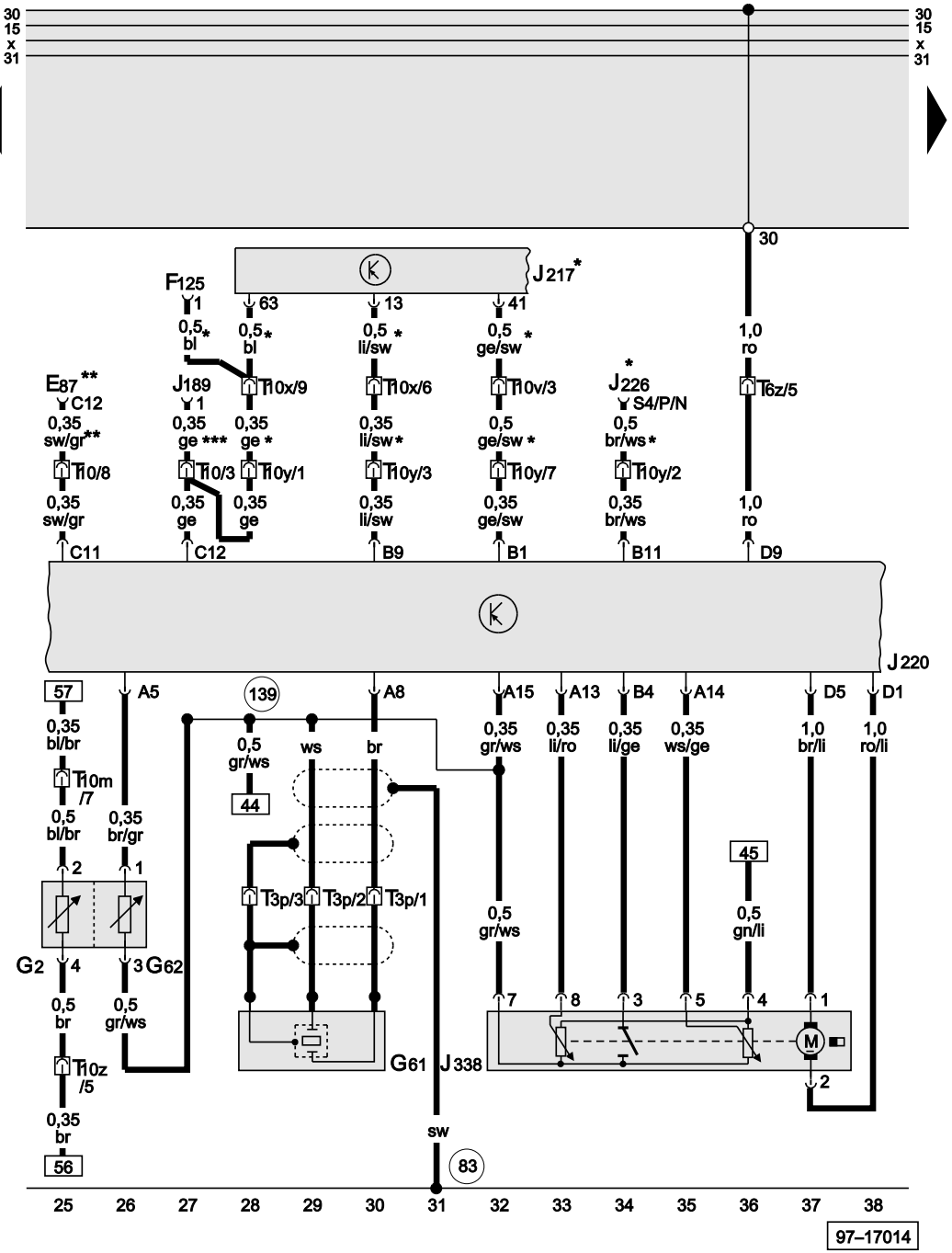
D22 — Positive (+) connection (87a for injectors), in engine compartment wiring harness, right

D23 — Positive (+) connection (87F), in engine compartment wiring harness, right

12 — Earth point, in engine compartment, left

83 — Earth connection -1-, in front right wiring harness

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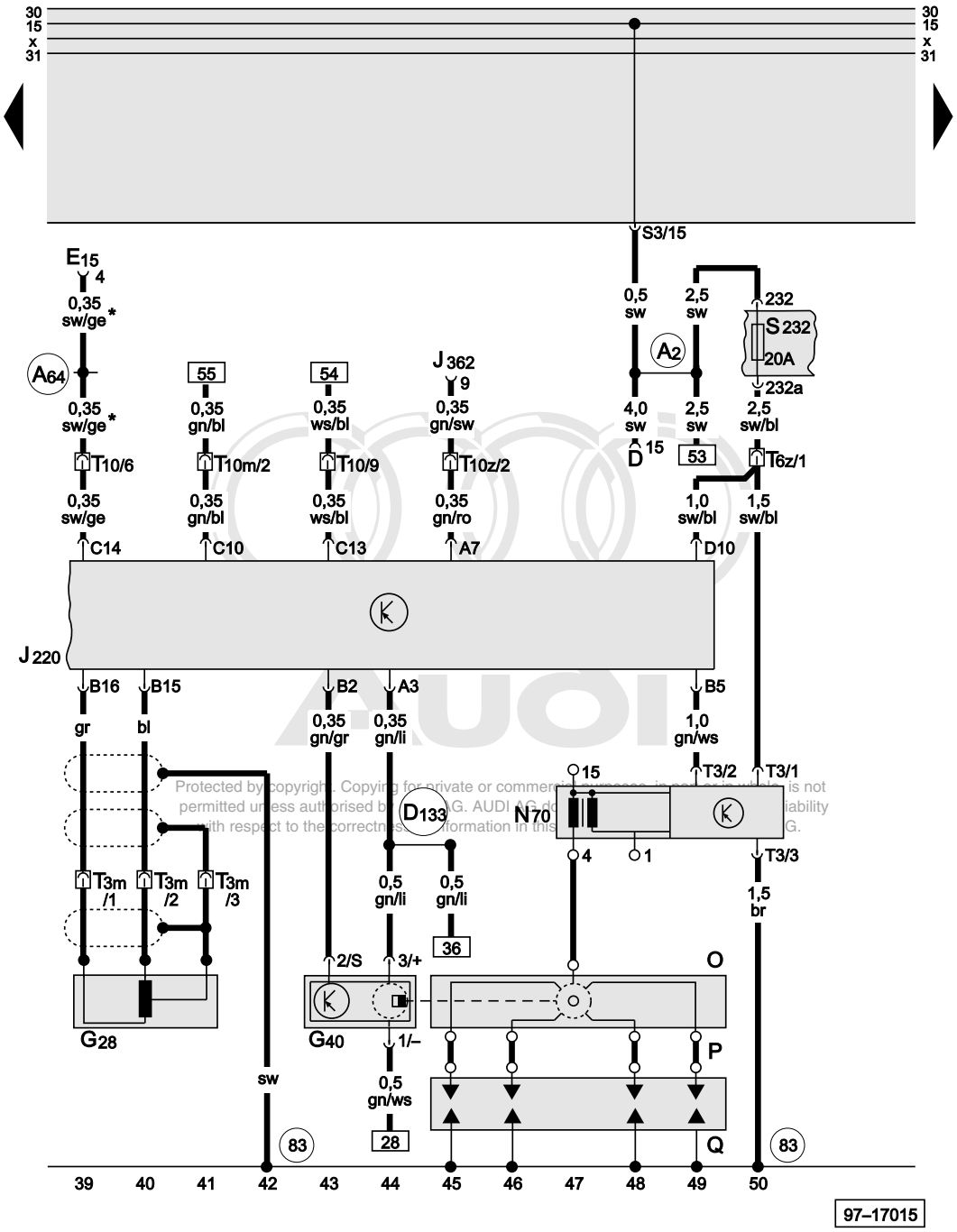


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, knock sensor, throttle valve

E87	Control and display unit for air conditioner/Climatronic
F125	Multi-function switch
G2	Coolant temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
J338	Throttle valve control unit
T3p	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
*	Models with automatic gearbox
**	Models with air conditioner
***	Only models with auto-check system

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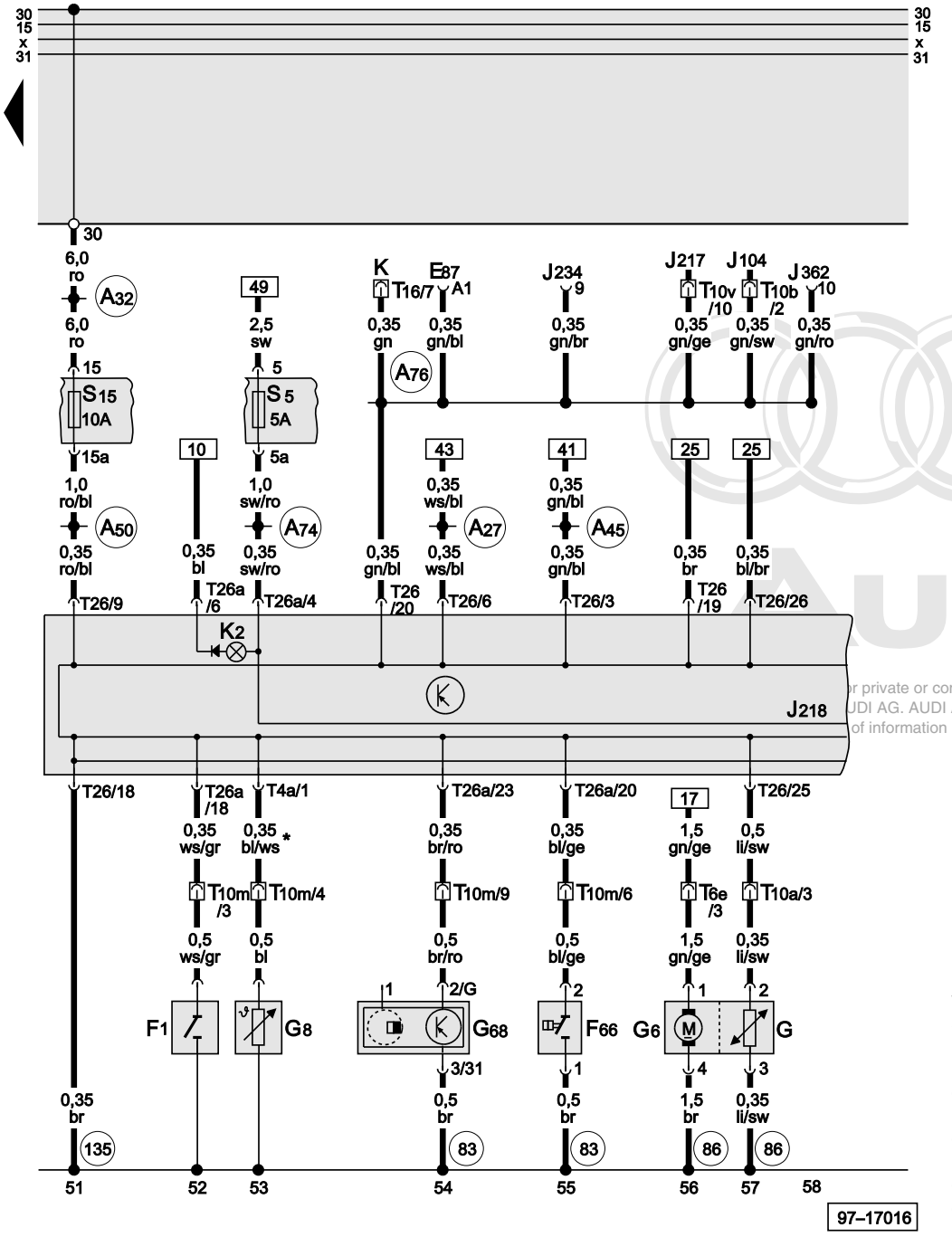


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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, engine speed sender, hall sender, ignition coil

D	Ignition/starter switch
E15	Heated rear window switch
G28	Engine speed sender
G40	Hall sender
J220	Motronic control unit
J362	Immobilizer control unit
N70	Ignition coil 1 with output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
S232	Fuse in fuse box
T3	3-pin connector, on ignition coil
T3m	3-pin connector, grey, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A64	Connection (30, rpm boost), in dash panel wiring harness
D133	Connection (Hall sender signal), in engine compartment wiring harness
83	Earth connection -1-, in wiring harness
*	Wire line models with air conditioner

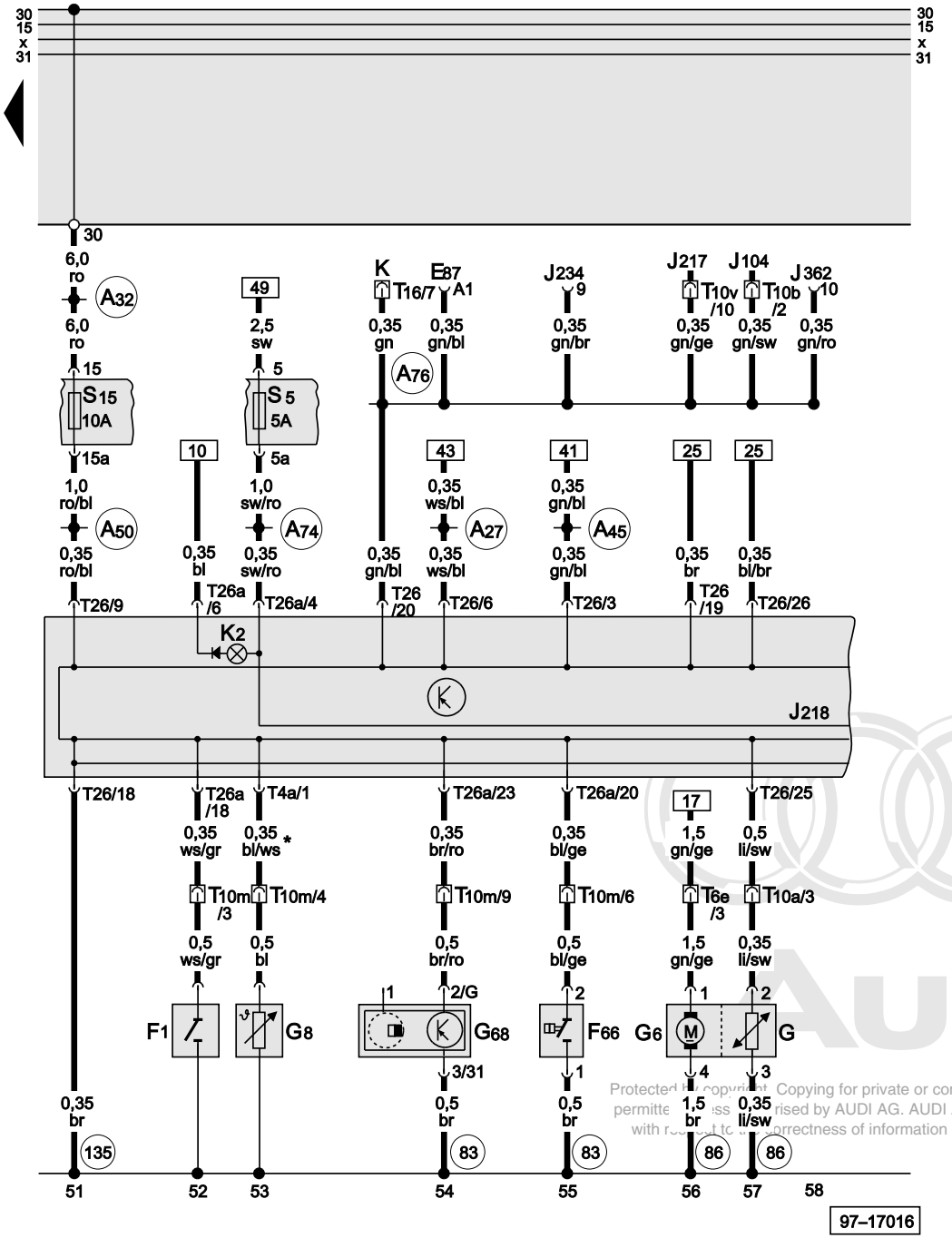


Dash panel insert, vehicle speed sender, fuel pump, fuel gauge, oil pressure switch, diagnostic connector

E87	Control and display unit for air conditioner
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G8	Oil temperature sender
G68	Vehicle speed sender
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J234	Airbag control unit
J362	Immobilizer control unit
K2	Alternator warning lamp
S5	Fuse in fuse box
S15	Fuse in fuse box
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T16	16-pin connector, (diagnosis connection) in centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert

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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Dash panel insert, vehicle speed sender, fuel pump, fuel gauge, oil pressure switch, diagnostic connector

- A27 Connection (speed signal), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- A50 Positive (+) connection (30as), in dash panel wiring harness
- A74 Positive (+) connection (15a, fuse 5), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- 83 Earth connection -1-, in front right wiring harness
- 86 Earth connection -1-, in rear wiring harness
- 135 Earth connection -2-, in dash panel wiring harness
- * Models with additional instruments

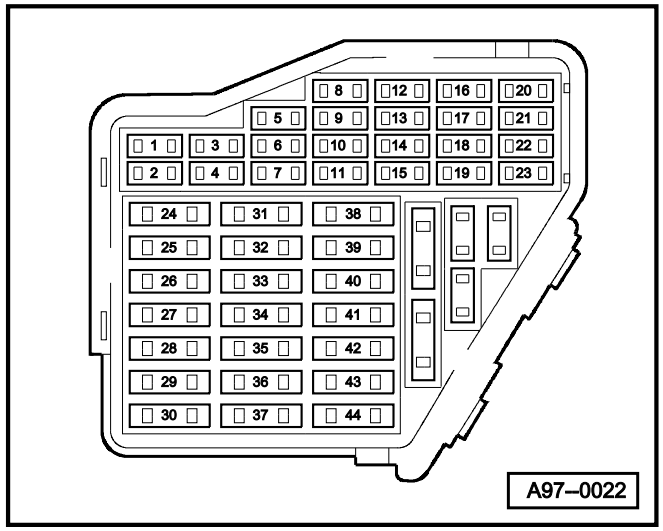
ws	=	white
sw	=	black
ro	=	red
br	=	brown
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or	=	orange
rs	=	pink

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Telephone, AEG (D network)

From November 1994

Fuse box:

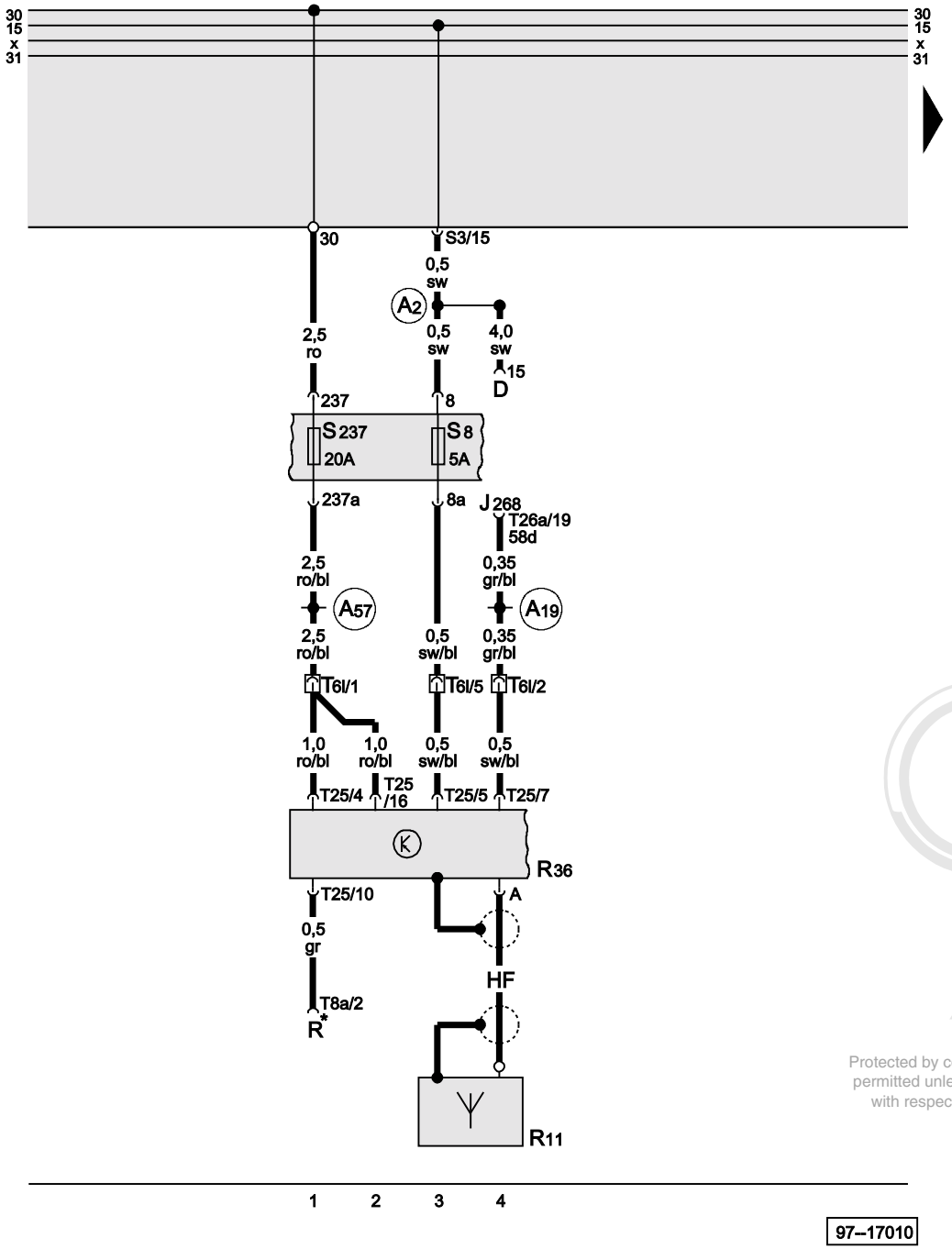


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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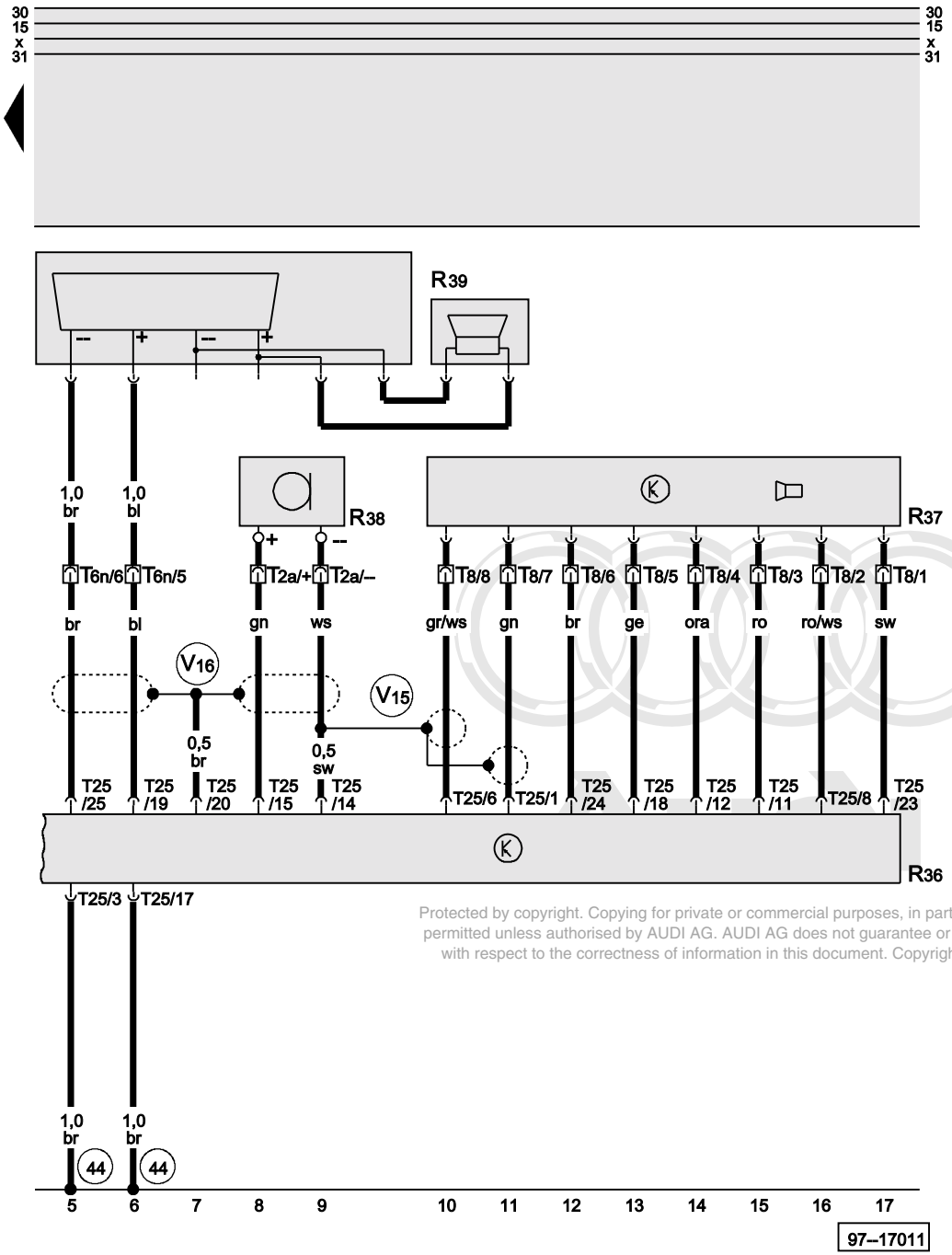


Telephone, AEG (D network)

D	Ignition/starter switch
J268	Mini-check system control unit
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
S8	Fuse in fuse box
S237	Fuse in fuse box
T6l	6-pin connector, brown, in centre console
T8a	8-pin connector, black, on radio
T25	25-pin connector, on transmitter and receiver unit (luggage compartment)
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Radio muting

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Telephone, AEG (D network)

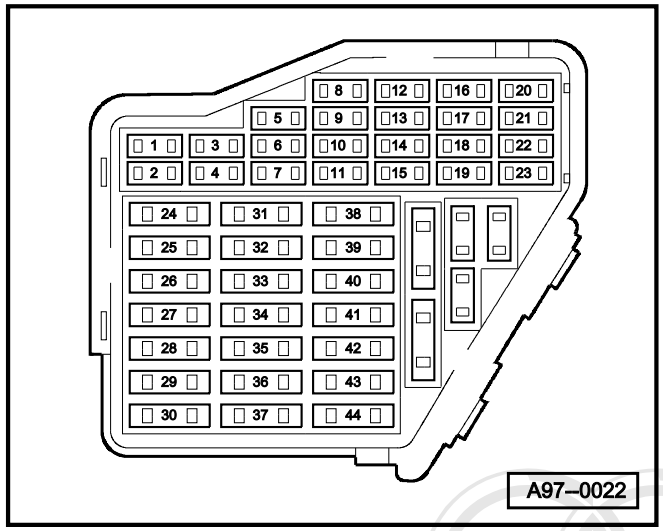
R36	Telephone transmitter and receiver unit
R37	Telephone handset
R38	Telephone microphone
R39	Telephone loudspeaker
T2a	2-pin connector, A pillar, left
T6n	6-pin connector, yellow, A pillar, left
T8	8-pin connector, centre console
T25	25-pin connector, on transmitter and receiver unit (luggage compartment)
44	Earth point, lower part of left A pillar
V15	Connection, in telephone wiring harness
V16	Connection (screening), in telephone wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electrically adjustable and heated exterior mirrors with retraction function

From November 1994

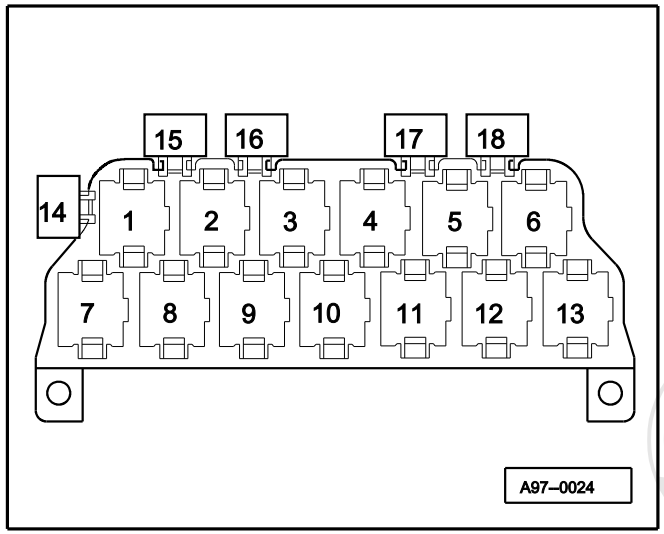
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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13-point relay carrier:



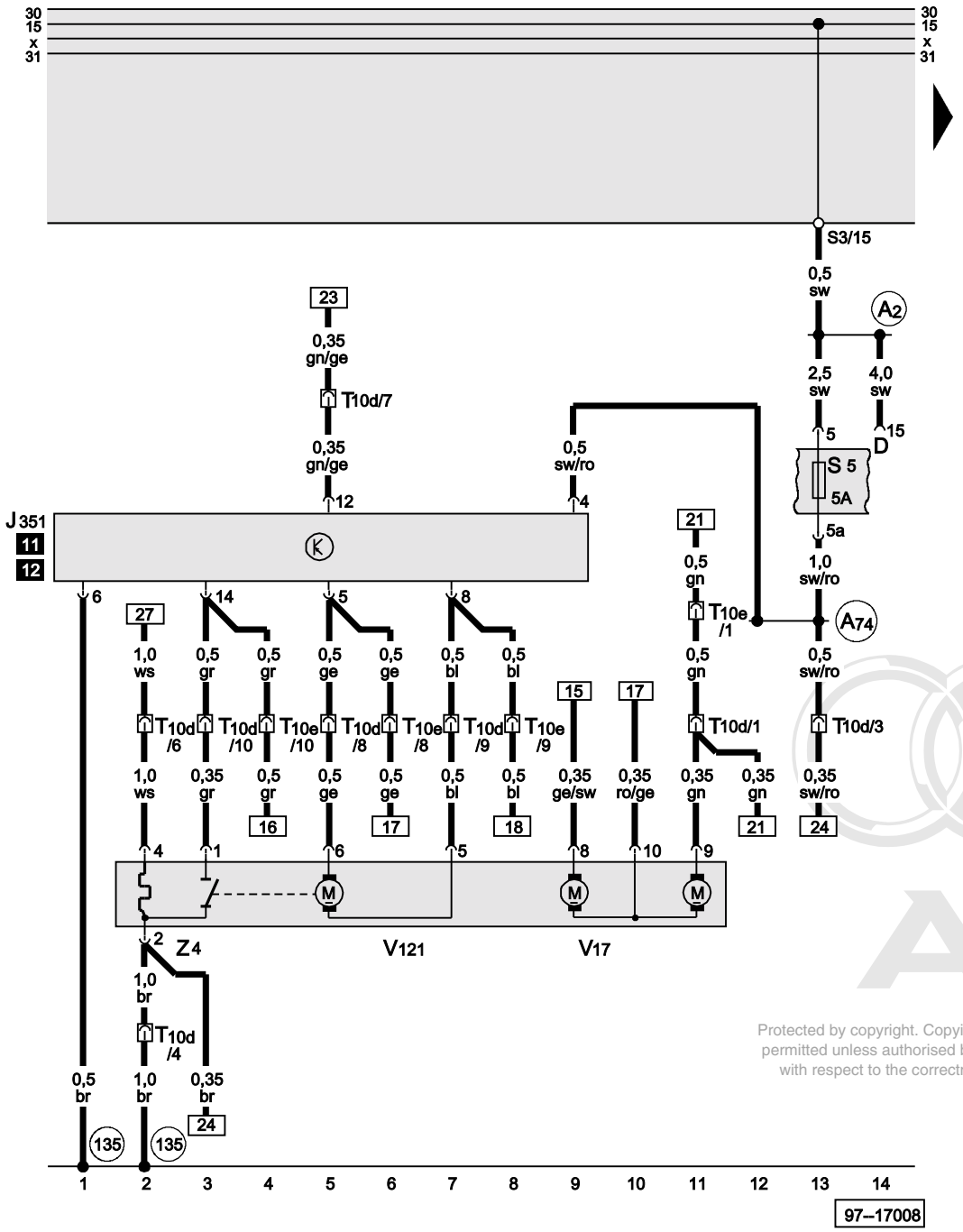
Position of relays:

11 - Exterior mirror fold system control unit
12 - Exterior mirror fold system control unit

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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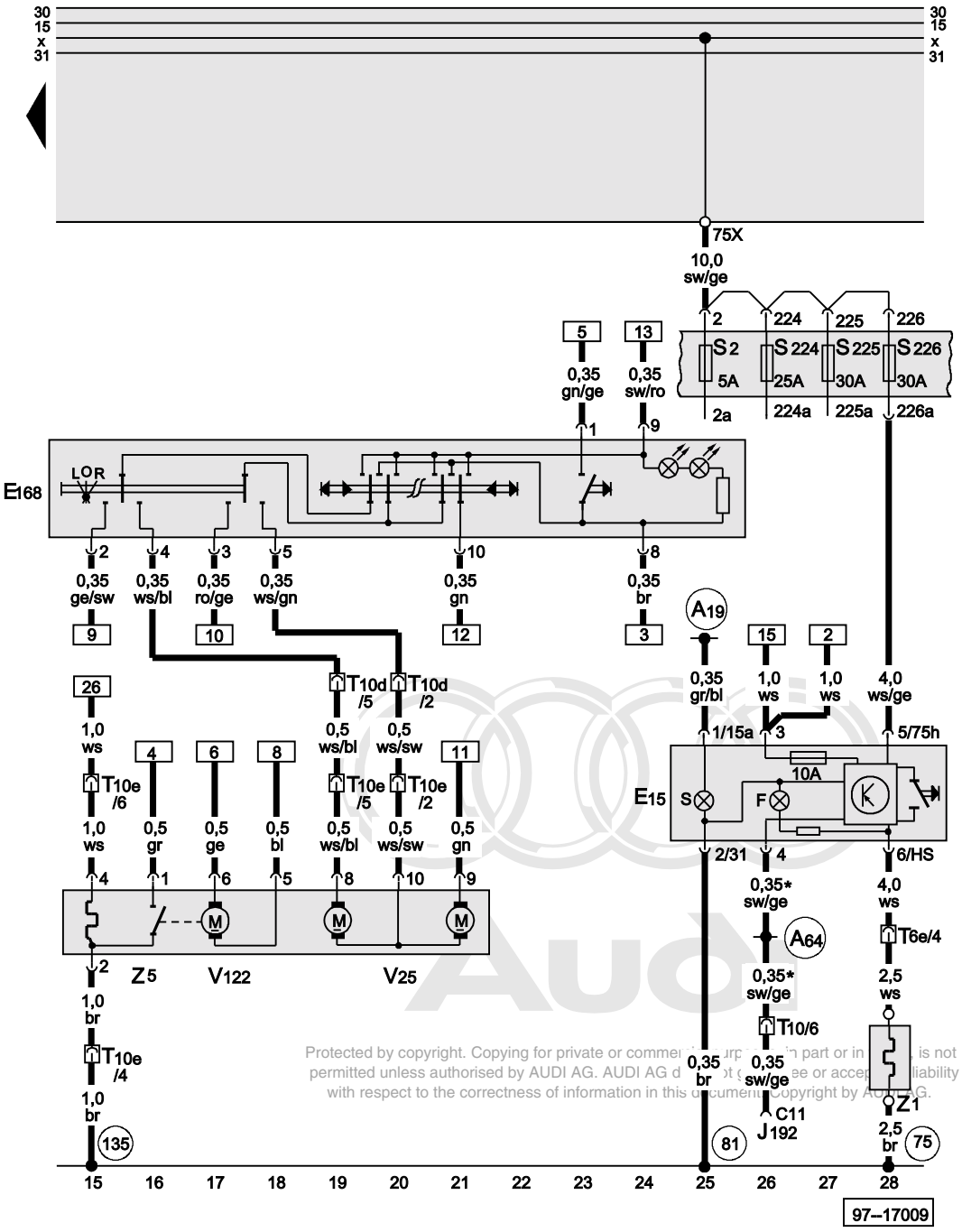


Electrically adjustable and heated exterior mirrors with retraction function

D	Ignition/starter switch
J351	Exterior mirror fold system control unit
S5	Fuse in fuse box
T10d	10-pin connector, black, left connector point, A pillar
T10e	10-pin connector, black, right connector point, A pillar
V17	Mirror adjustment motor, driver's side
V121	Folding mirror motor, driver's side
Z4	Heated exterior mirror, driver's side
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

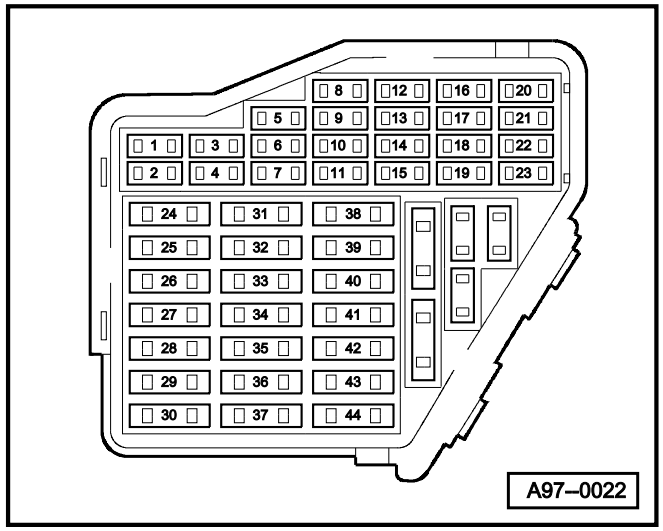
Electrically adjustable and heated exterior mirrors with retraction function

E15	Heated rear window switch
E168	Mirror with folding function, adjustment switch
J192	Multi-point injection control unit
S2	Fuse in fuse box
S224	Fuse in fuse box
S225	Fuse in fuse box
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10d	10-pin connector, black, left connector point, A pillar
T10e	10-pin connector, black, right connector point, A pillar
V25	Mirror adjustment motor, front passenger's side
V122	Folding mirror motor, front passenger's side
Z1	Heated rear window
Z5	Heated exterior mirror, front passenger's side
75	Earth point, rear pillar, right
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A64	Connection (30, speed boost), in dash panel wiring harness
*	Wiring not fitted on models with air conditioner

Heated lock cylinder

From November 1994

Fuse box:

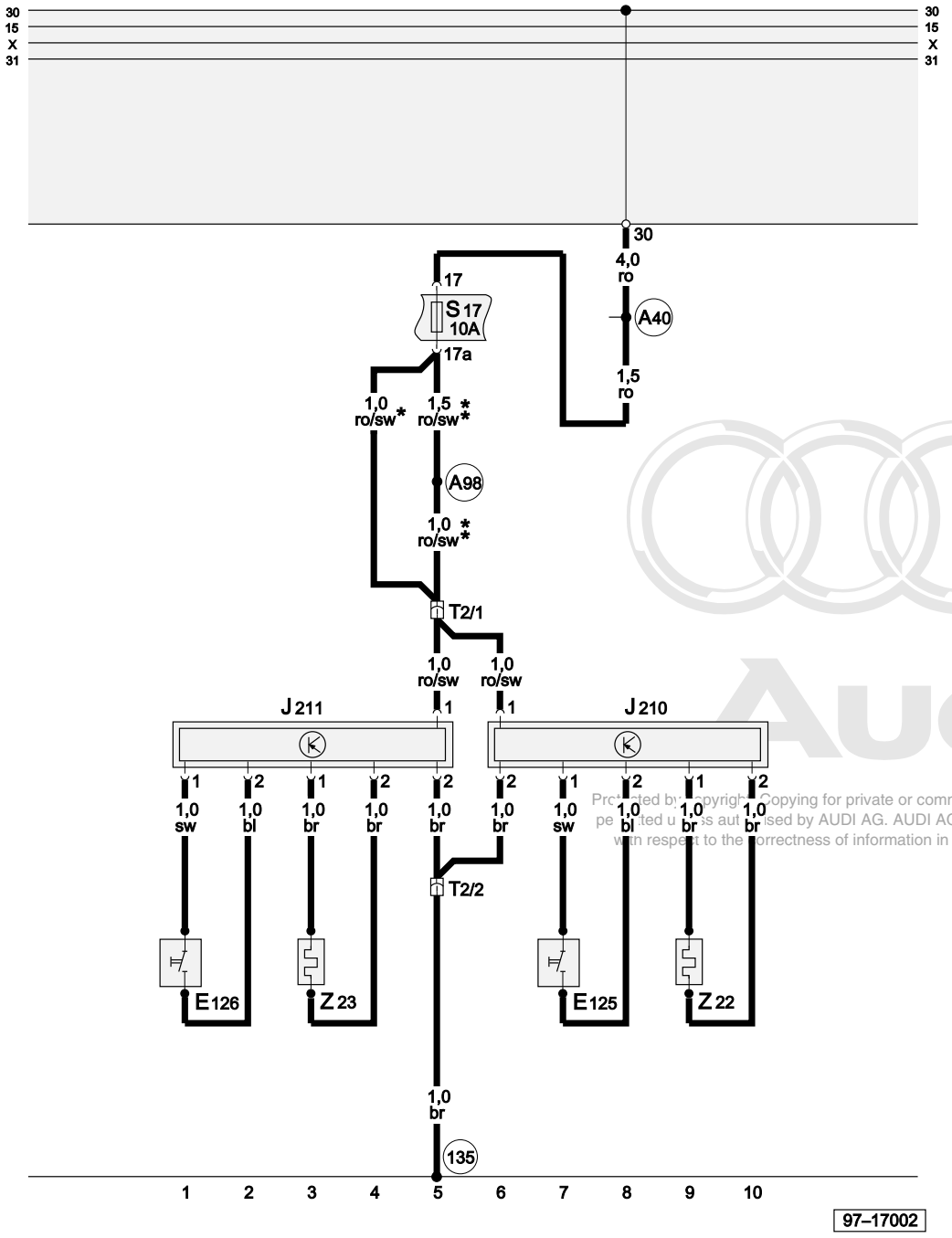


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



Heated lock cylinder

E125	Left heated lock cylinder switch
E126	Right heated lock cylinder switch
J210	Heated lock cylinder control unit, left
J211	Heated lock cylinder control unit, right
T2	2-pin connector, black, left connector point
Z22	Heater element, left lock cylinder
Z23	Heater element, right lock cylinder
135	Earth connection -2-, in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
*	Applicable up 1997 model year
**	Applicable from model year 1998

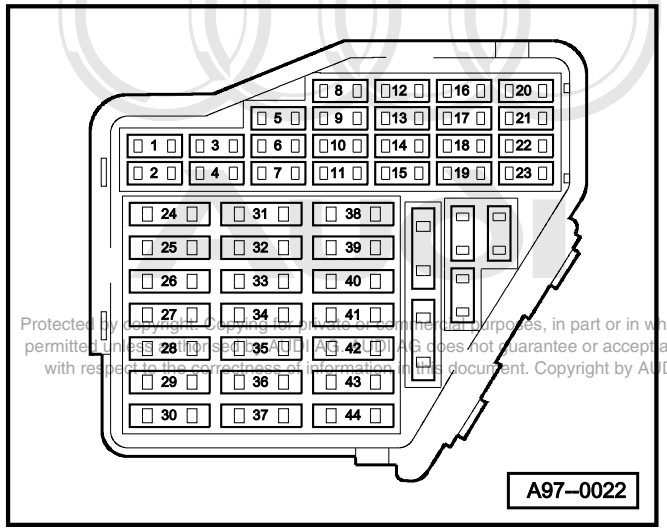
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

From November 1994

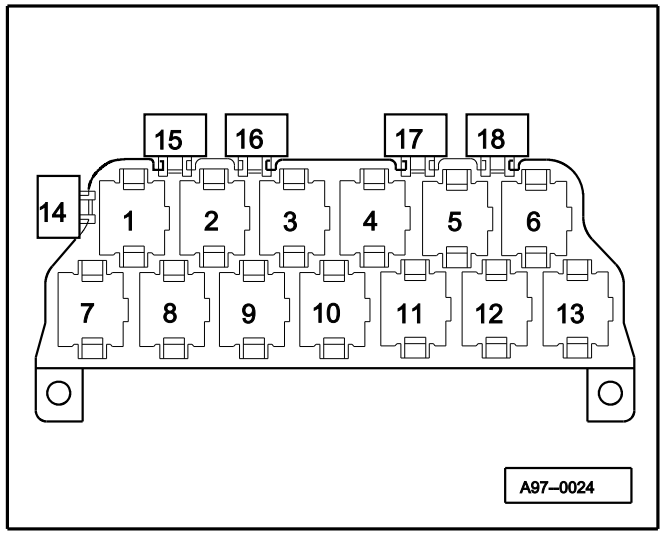
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



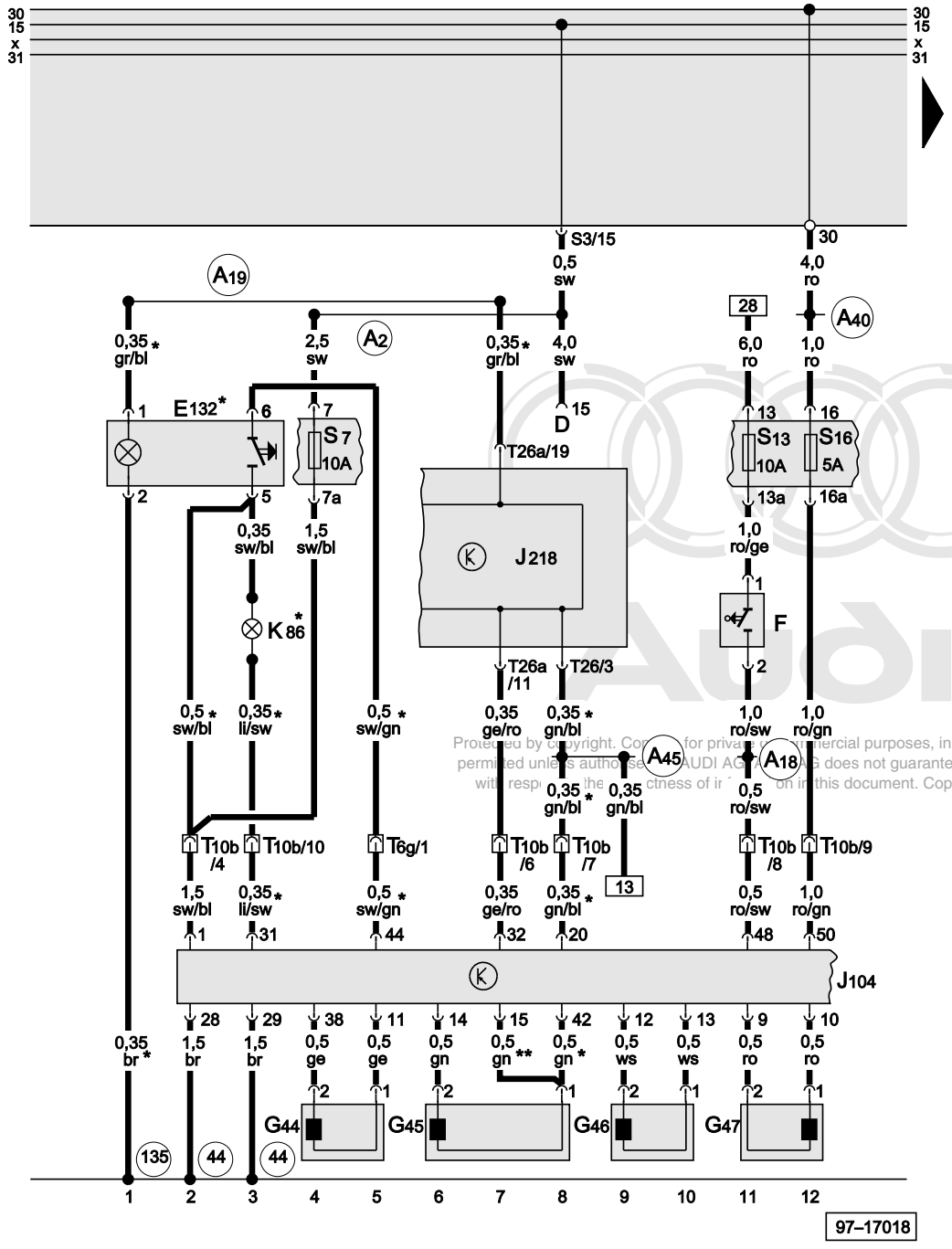
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Position of relays:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

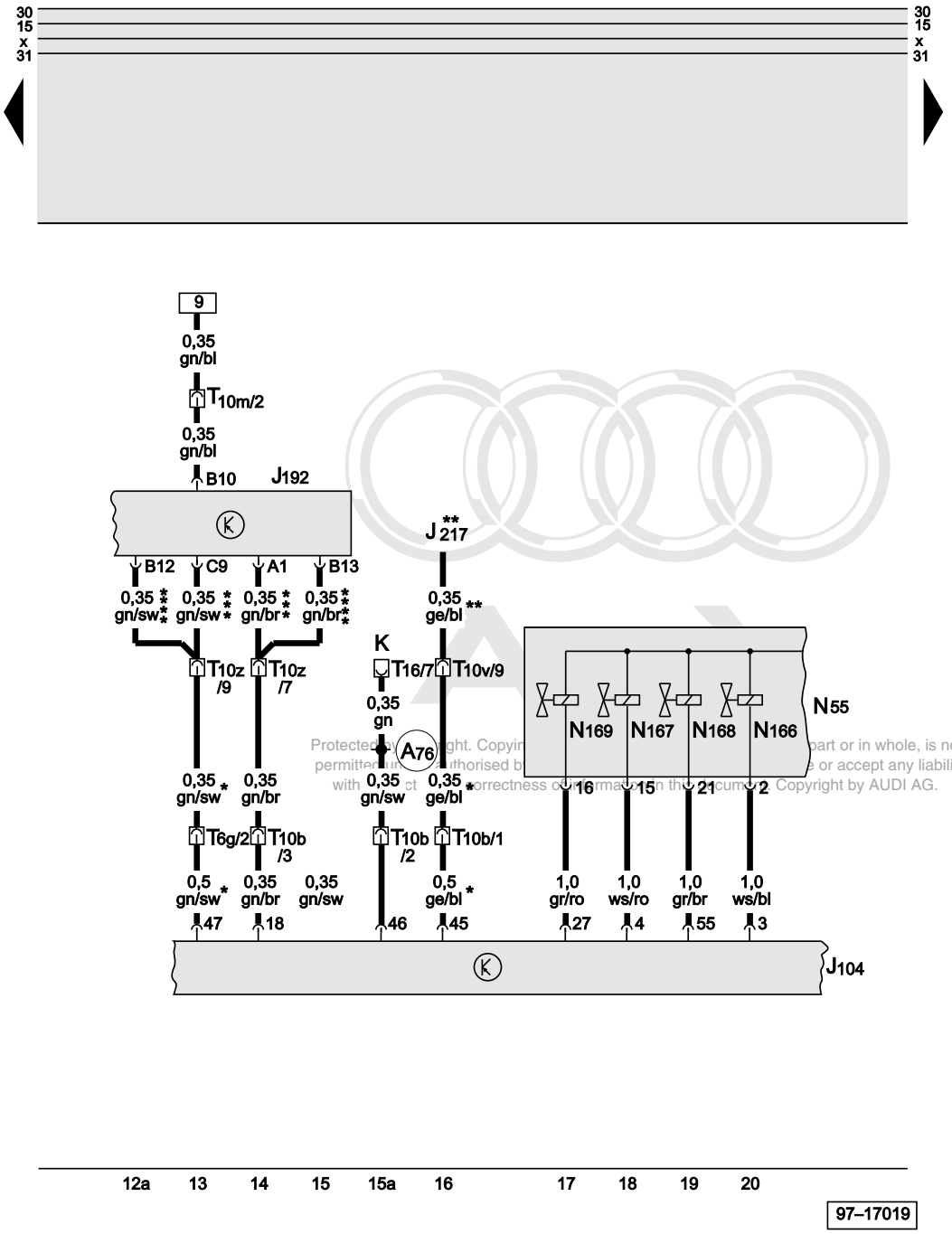


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

D	Ignition/starter switch
E132	Traction control system switch
F	Brake light switch
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
K86	Traction control system warning lamp
S7	Fuse in fuse box
S13	Fuse in fuse box
S16	Fuse in fuse box
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A40	Positive (+) connection (50), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
44	Earth point, lower part of left A-pillar
135	Earth connection -2-, in dash panel wiring harness
*	Wiring only models with EDL and TCS
**	Wiring only models with EDL

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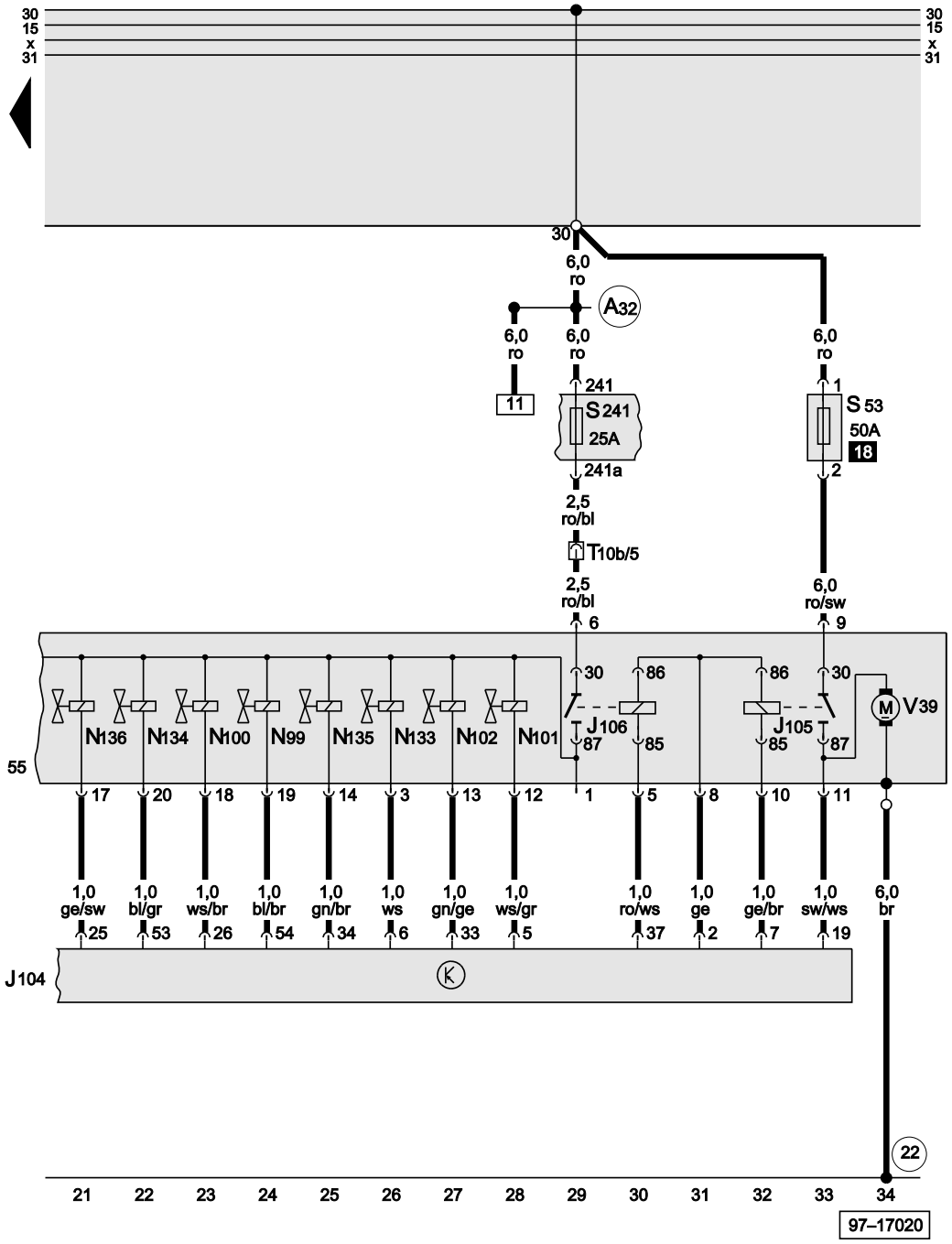


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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

J104	ABS with EDL control unit
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
N55	ABS hydraulic unit
N166	EDL change-over valve, front right
N167	EDL outlet valve, front right
N168	EDL change-over valve, front left
N169	EDL outlet valve, front left
T1b	1-pin connector, brown, left connector point, A pillar
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Wiring only models with TCS
**	Only models with automatic gearbox
***	Only with 2.8 l MPI 128 kW, 6 cylinder
****	Only with 2.6 l MPI 110 kW, 6 cylinder



Anti-lock brake system withfront-wheel drive (ABS, EDL and TCS)

J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
S53	ABS hydraulic pump fuse
S241	Fuse in fuse box
T10b	10-pin connector, orange, left connector point, A pillar
V39	ABS return flow pump
A32	Positive (+) connection (30), in dash panel wiring harness
22	Earth point, on hydraulic unit

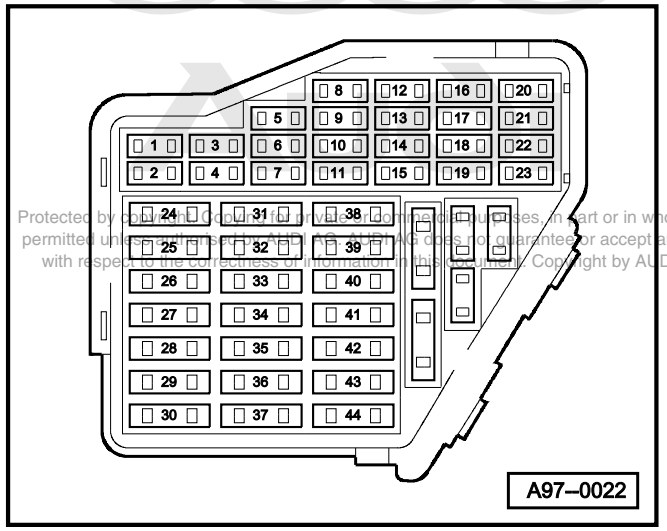
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ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

On-board computer with auto-check system

From November 1994

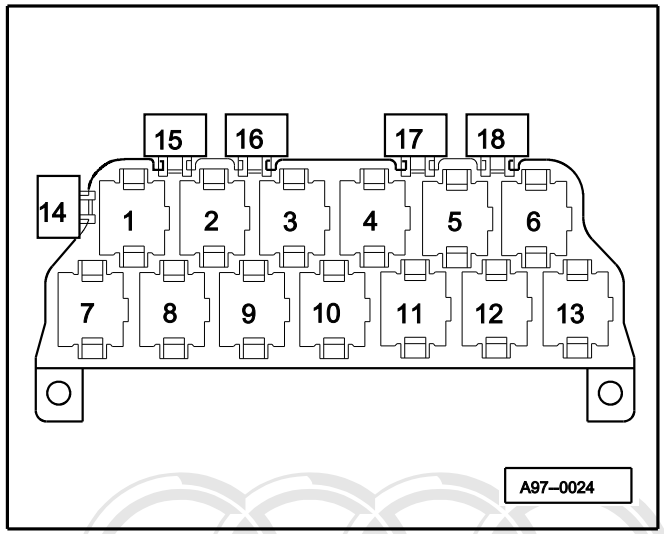
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:



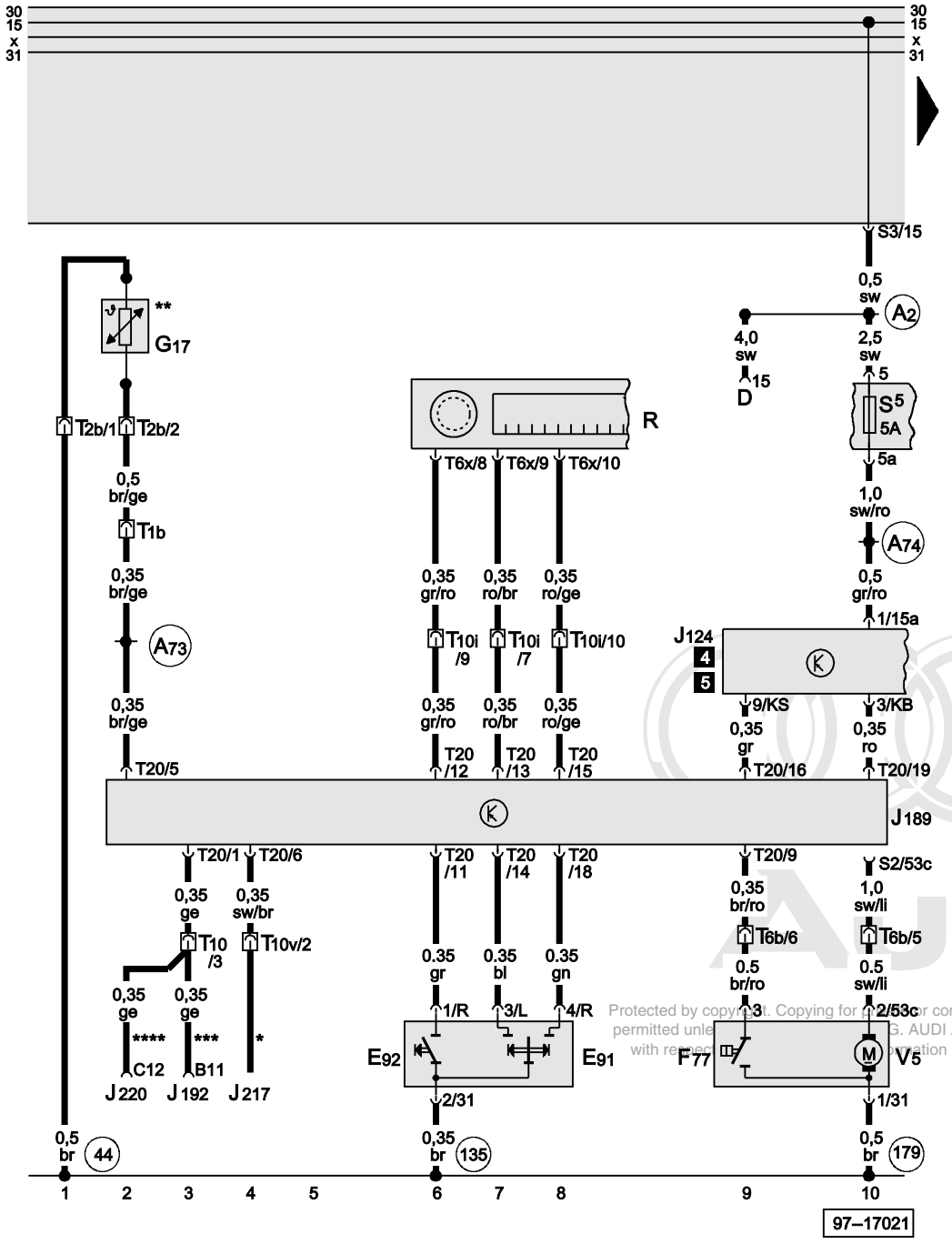
Position of relays:

4 - Bulb monitoring device
5 - Bulb monitoring device

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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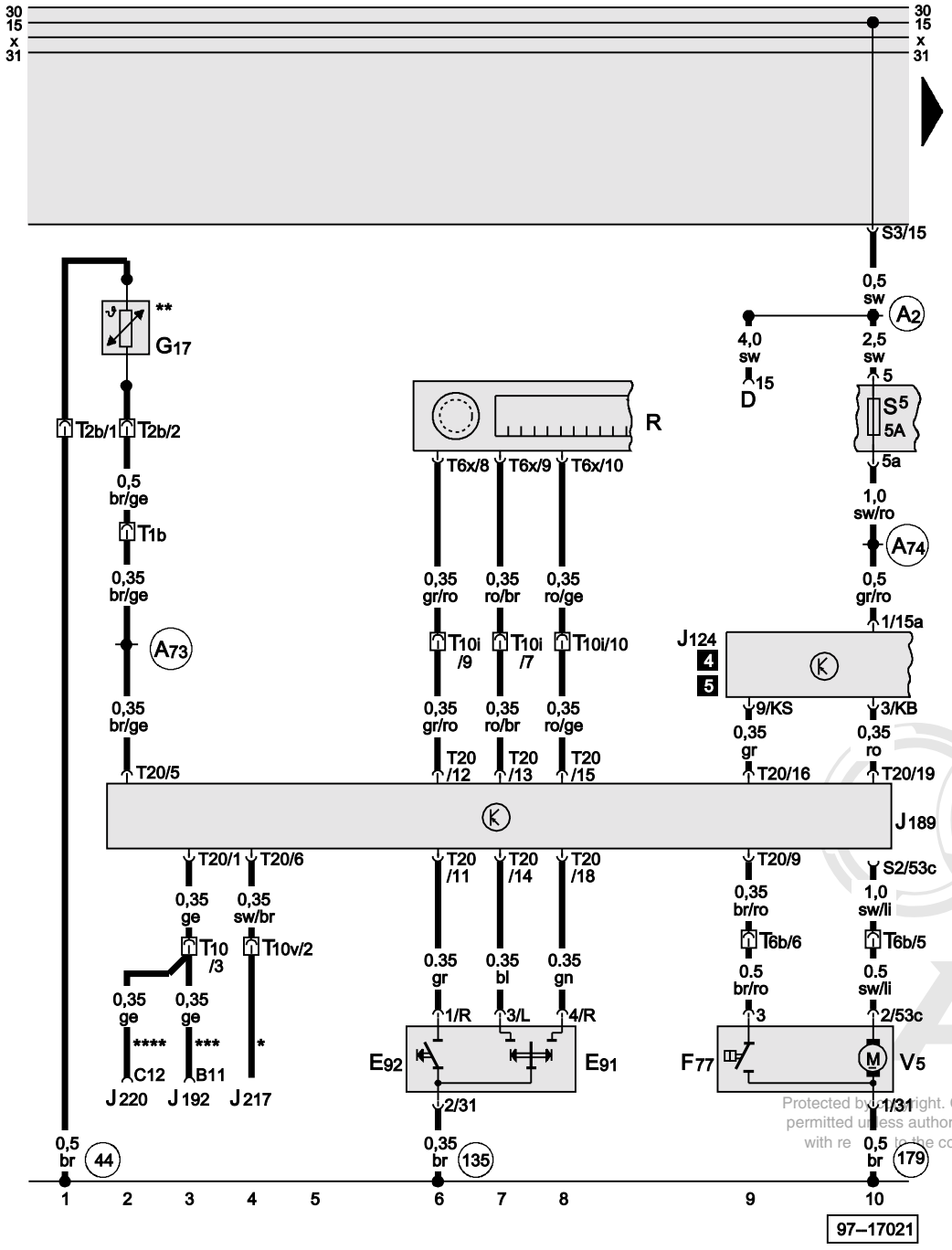


On-board computer with auto-check system

D	Ignition/starter switch
E91	Function selection switch
E92	Reset button
F77	Washer fluid warning contact
G17	Ambient temperature sensor
J124	Bulb monitoring device
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
R	Radio
S5	Fuse in fuse box
T1b	Single connector, brown, left connector point, A pillar
T2b	2-pin connector, black, in engine compartment, front
T6b	6-pin connector, yellow, left connector point, A pillar
T6x	6-pin connector, green, radio connector I - 2
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10i	10-pin connector, black, in centre console
T10v	10-pin connector, brown, right connector point, A pillar
T20	20-pin connector, red/white, on bulb monitoring device
V5	Washer pump

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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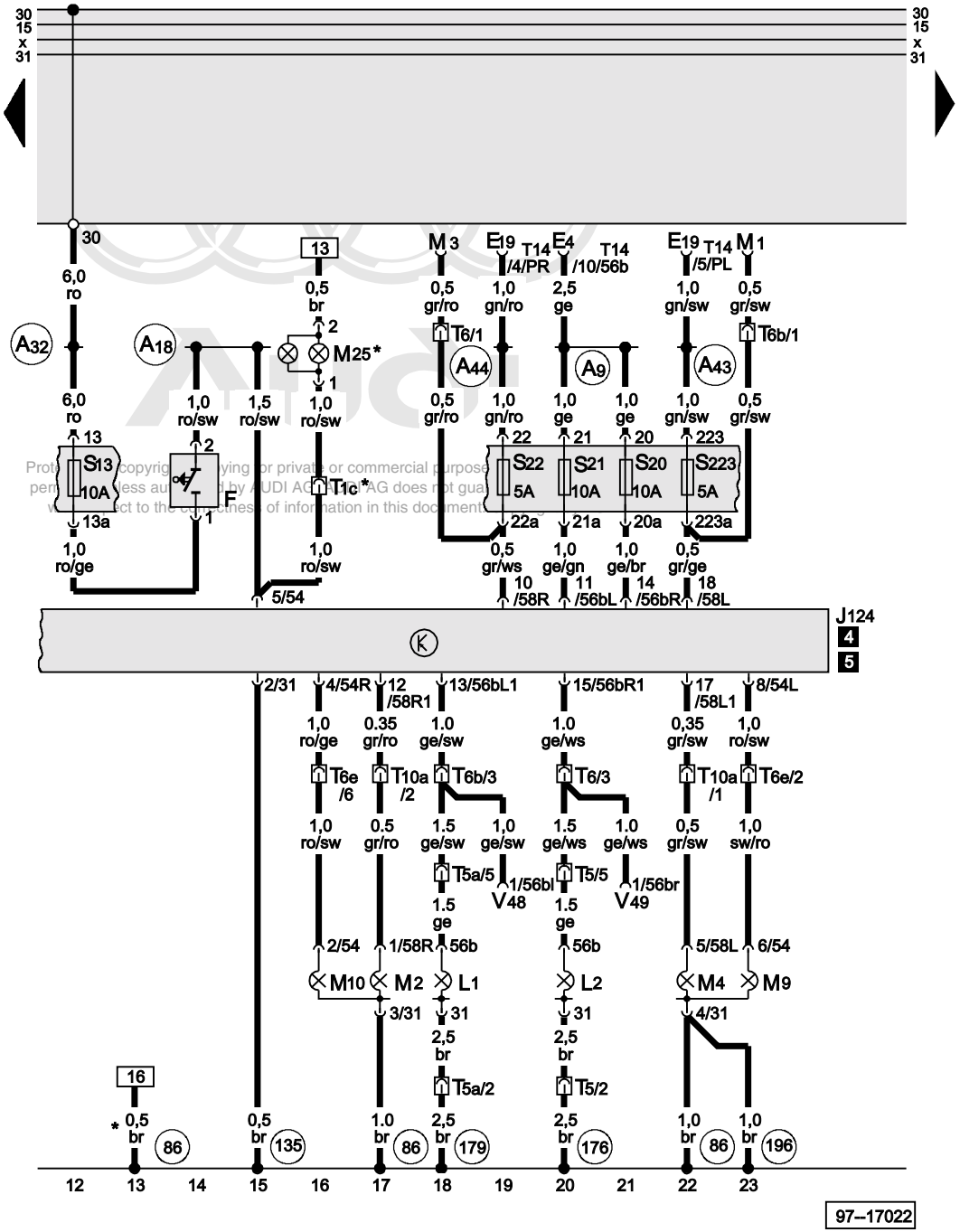
On-board computer with auto-check system

44	Earth point, lower part of left A pillar
135	Earth connection -2-, in dash panel wiring harness
179	Earth connection, in left headlight wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness

* See applicable Current Flow Diagram: Automatic gearbox
** Models with manual heater controls
*** Models with 6-cylinder engine (engine code AAH)
**** Models with 4-cylinder engine (engine codes ADP and ADR)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

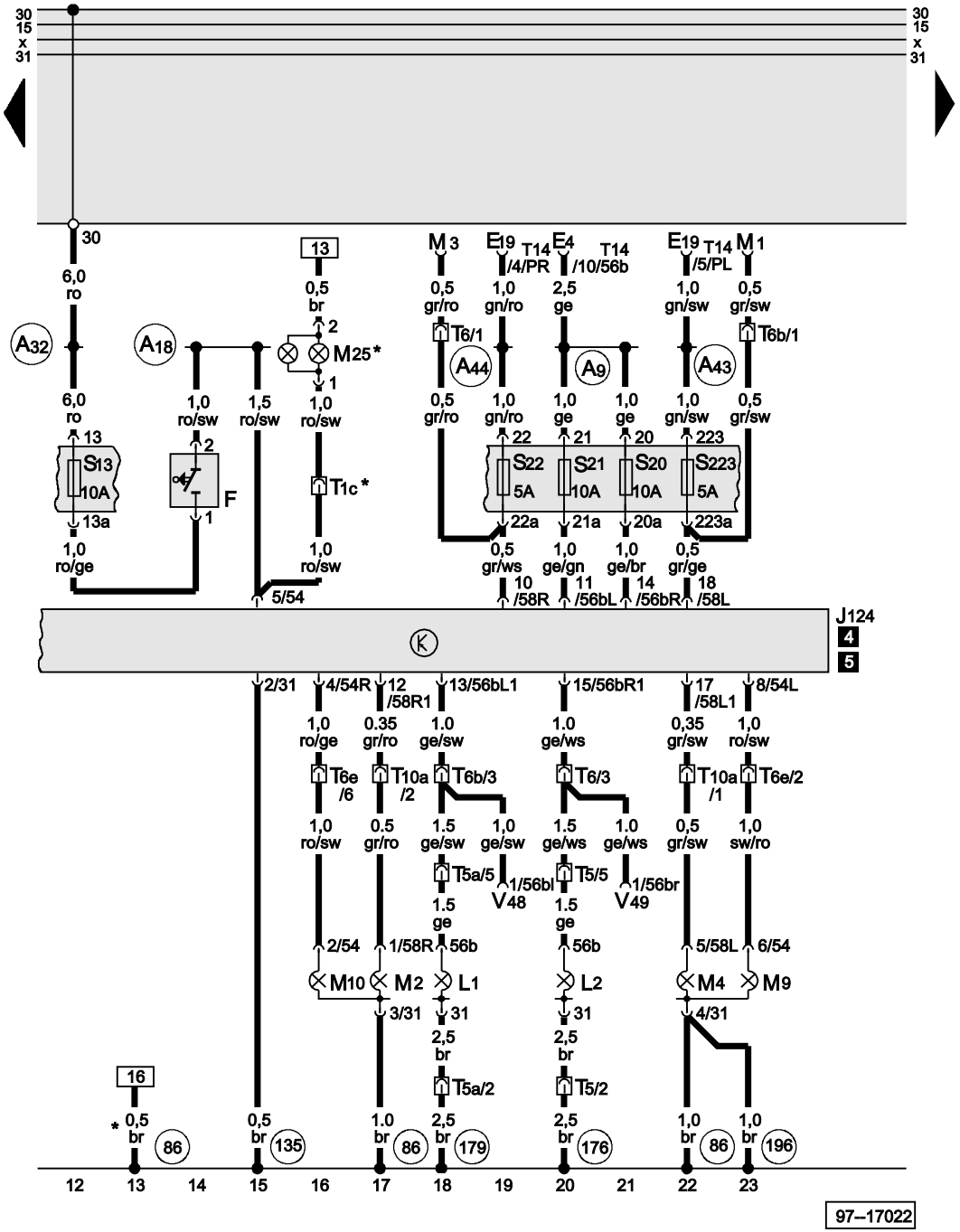
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On-board computer with auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
L1	Twin filament bulb/sealed beam insert, left
L2	Twin filament bulb/sealed beam insert, right
M1	Side light bulb, left
M2	Tail light bulb, right
M3	Side light bulb, right
M4	Tail light bulb, left
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
S13	Fuse in fuse box
S20	Fuse in fuse box
S21	Fuse in fuse box
S22	Fuse in fuse box
S223	Fuse in fuse box
T1c	Single connector, black, left connector point, A pillar
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
V48	Headlight range control motor, left
V49	Headlight range control motor, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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On-board computer with auto-check system

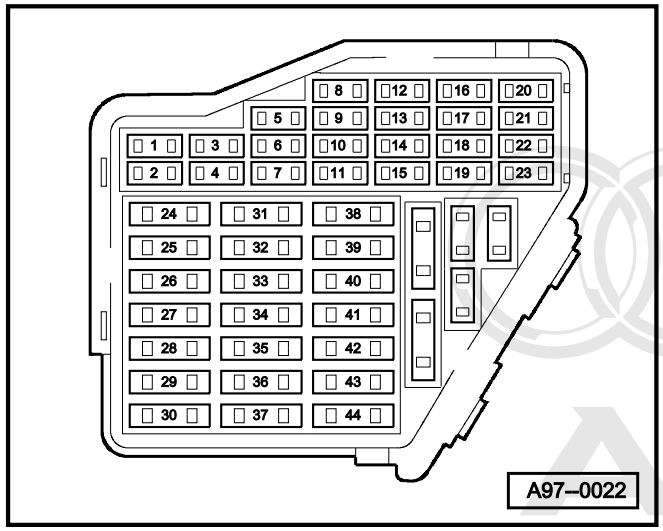
86	Earth connection -1-, in wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
196	Earth connection -3-, in rear wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57r), in dash panel wiring harness
*	Models with high level brake light

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Electric windows, 2-door (with roll-back function)

From November 1994

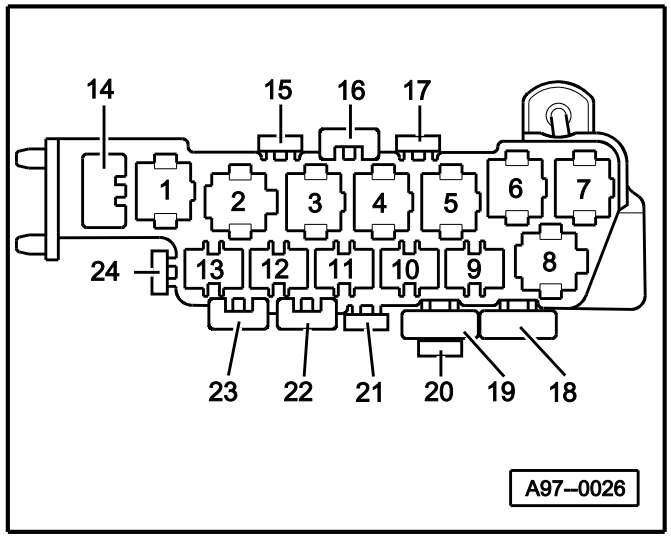
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier



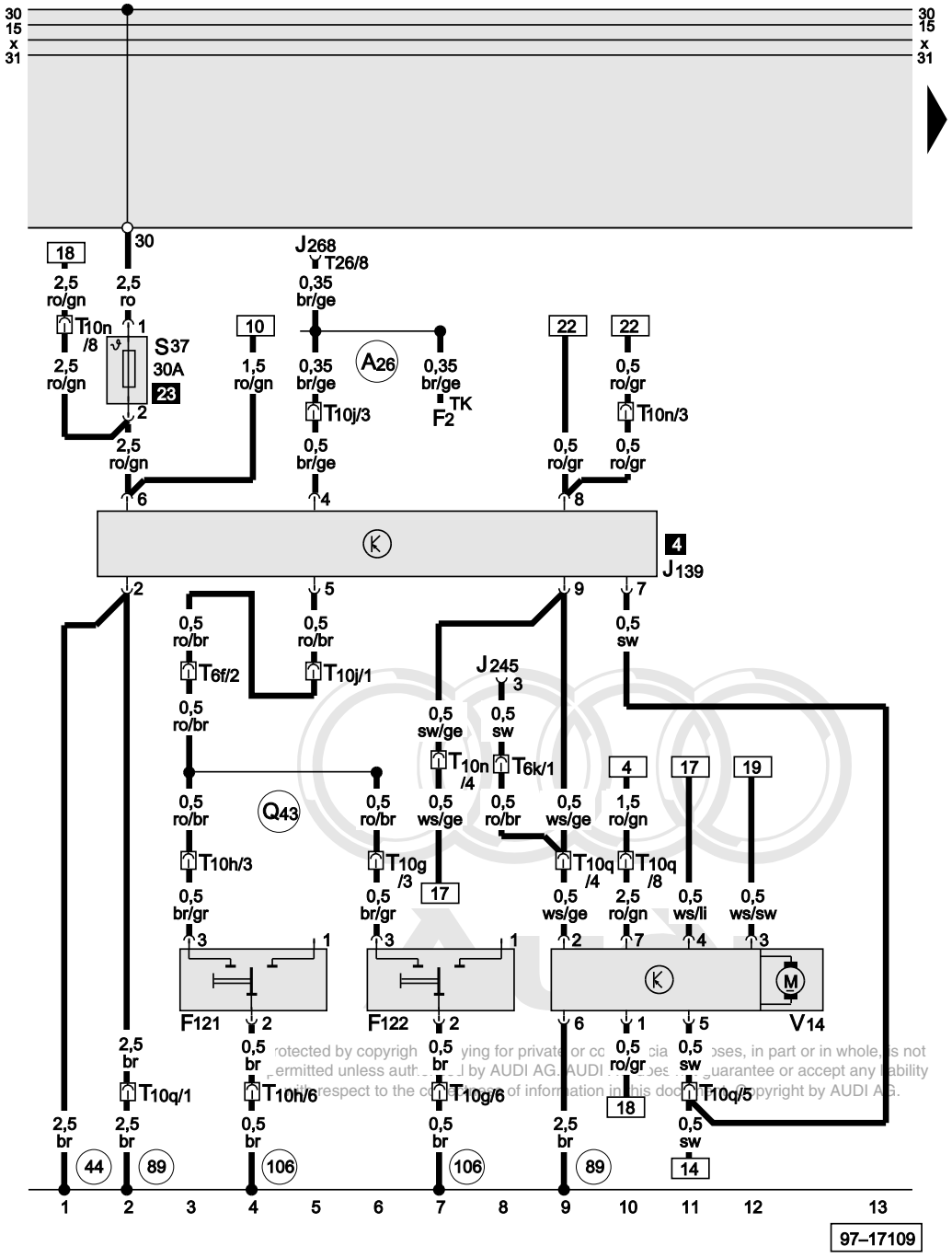
Position of relays:

4 - Electric window control unit
23 - Fuse for front electric windows

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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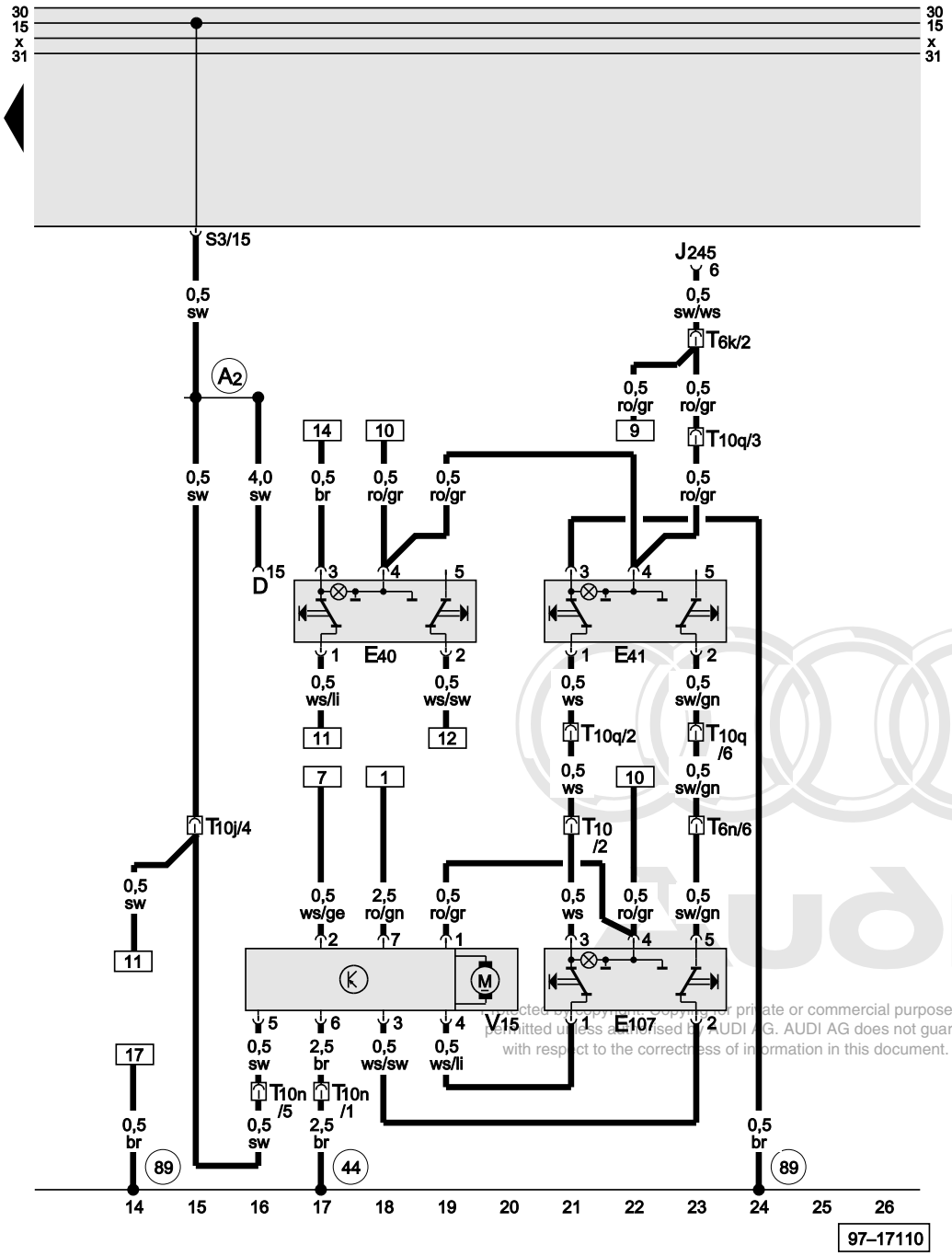


Electric windows, 2-door (with roll-back function)

F2	Door contact switch, driver's side
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
J139	Control unit for electric window/vent windows and sliding sunroof
J245	Sliding sunroof adjustment control unit
J268	Mini-check system control unit
S37	Electric window single fuse
T6f	6-pin connector, orange, right connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V14	Electric window motor, left
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
Q43	Connection (lock cylinder closed), in electric window wiring harness
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness
106	Earth connection, in anti-theft alarm system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric windows, 2-door (with roll-back function)

D	Ignition/starter switch
E40	Front left electric window switch
E41	Front right electric window switch
E107	Electric window switch, in front passenger's door
J245	Sliding sunroof adjustment control unit
T6k	6-pin connector, brown, left connector point, A pillar
T6n	6-pin connector, yellow, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10j	10-pin connector, green, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
V15	Electric window motor, right
A2	Positive (+) connection (15), in dash panel wiring harness
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness

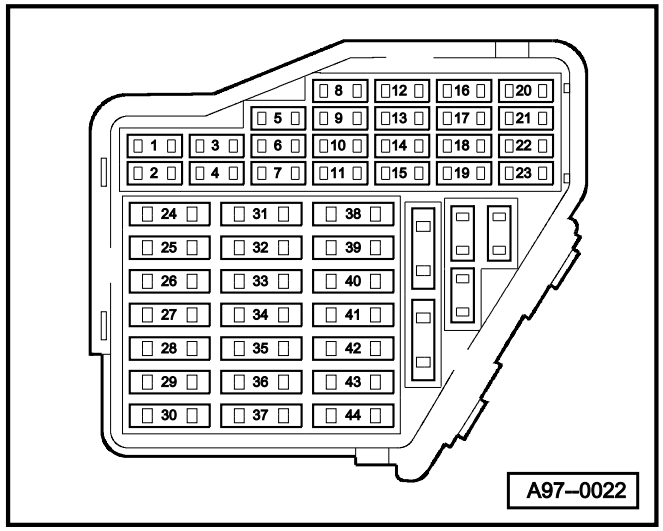
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Immobilizer

From November 1994

Fuse box:

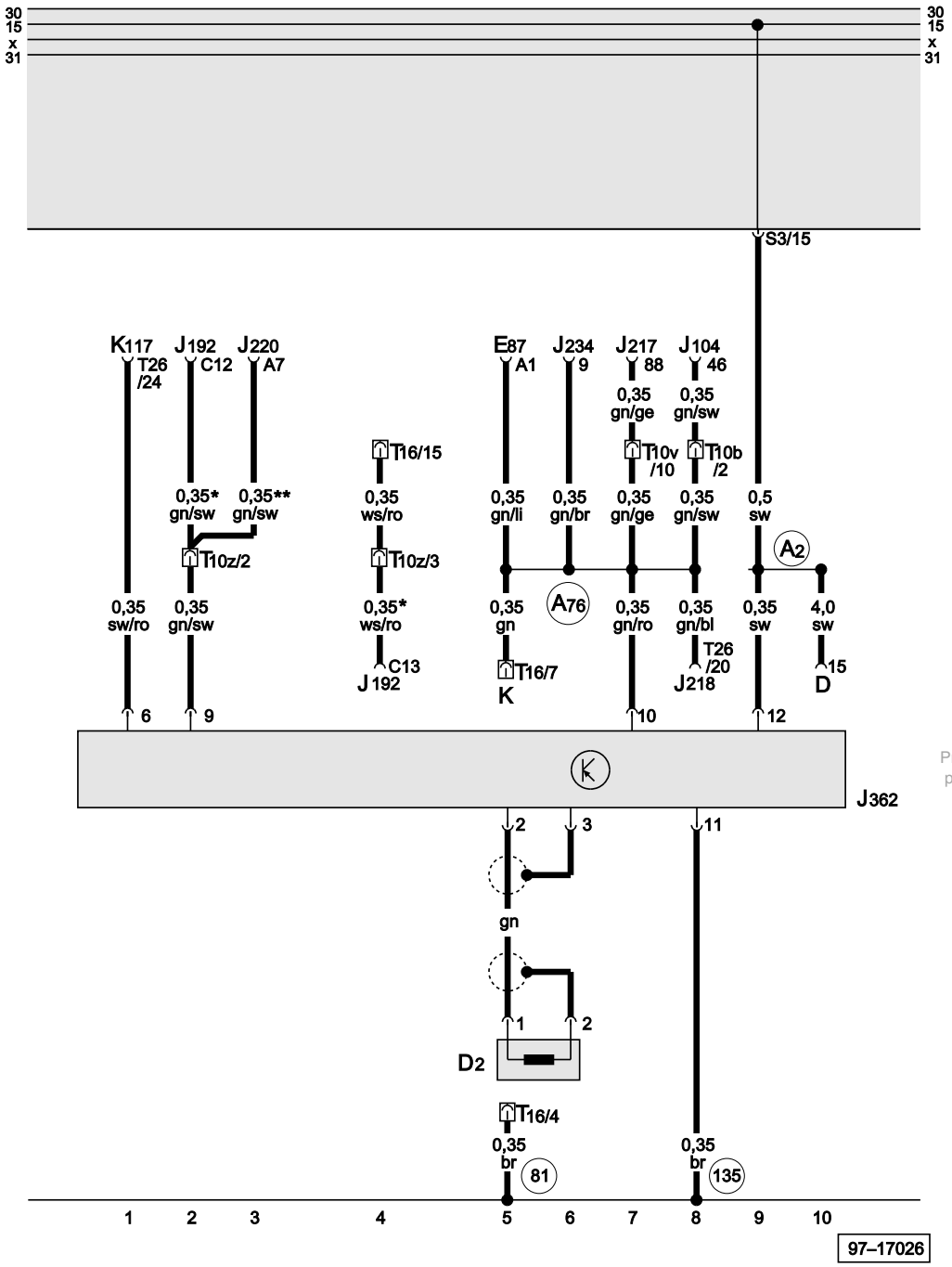


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Immobilizer

D	Ignition/starter switch
D2	Immobilizer reading coil
E87	Control and display unit for air conditioner/Climatronic
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J220	Motronic control unit
J234	Airbag control unit
J362	Immobilizer control unit
K117	Immobilizer warning lamp
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, in centre console rear
T26	26-pin connector, yellow, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Models with 6 cylinder engine (engine codes AAH)
**	Models with 4 cylinder engine (engine codes ADP, ADR)

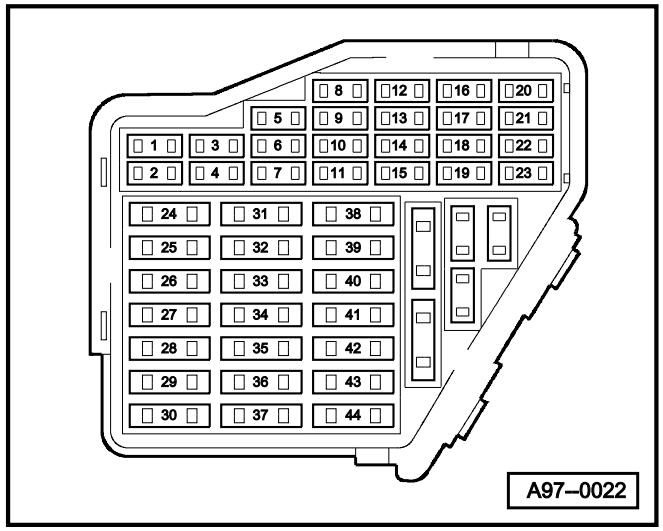
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or	=	orange
rs	=	pink

Anti-lock brake system with front-wheel drive

From November 1994

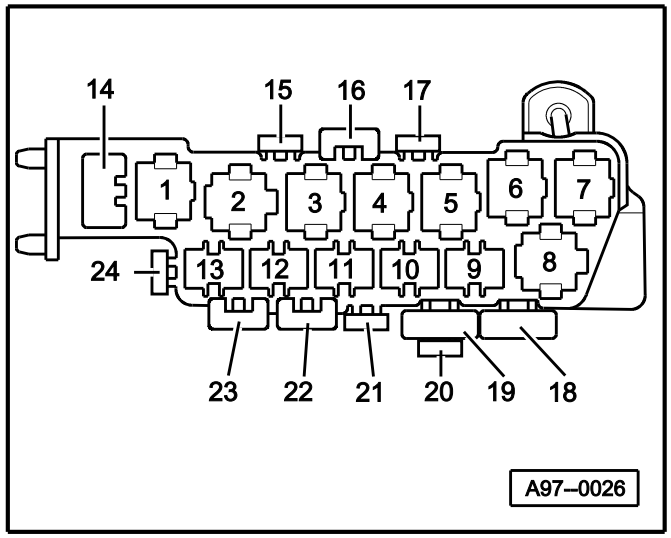
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



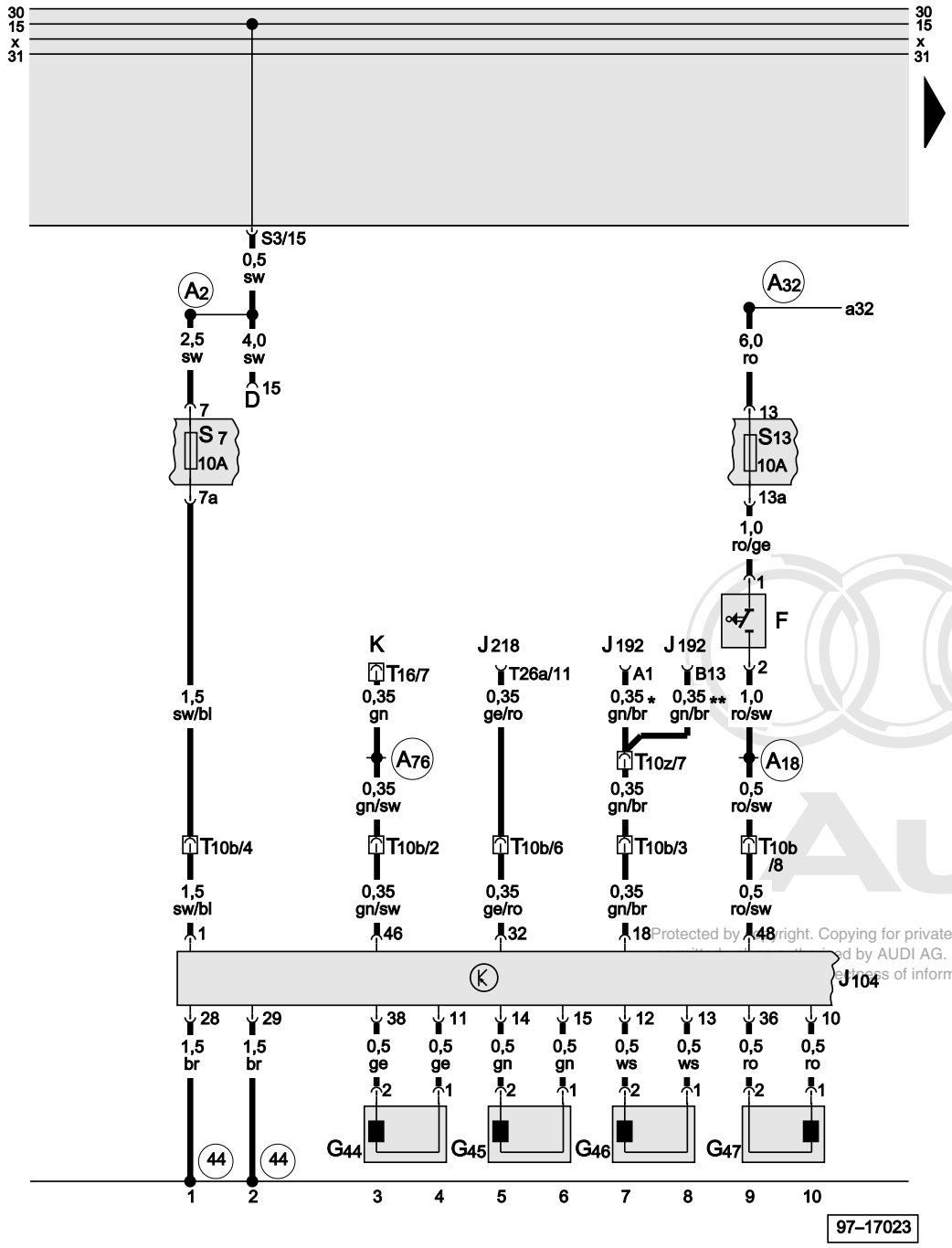
Position of relay:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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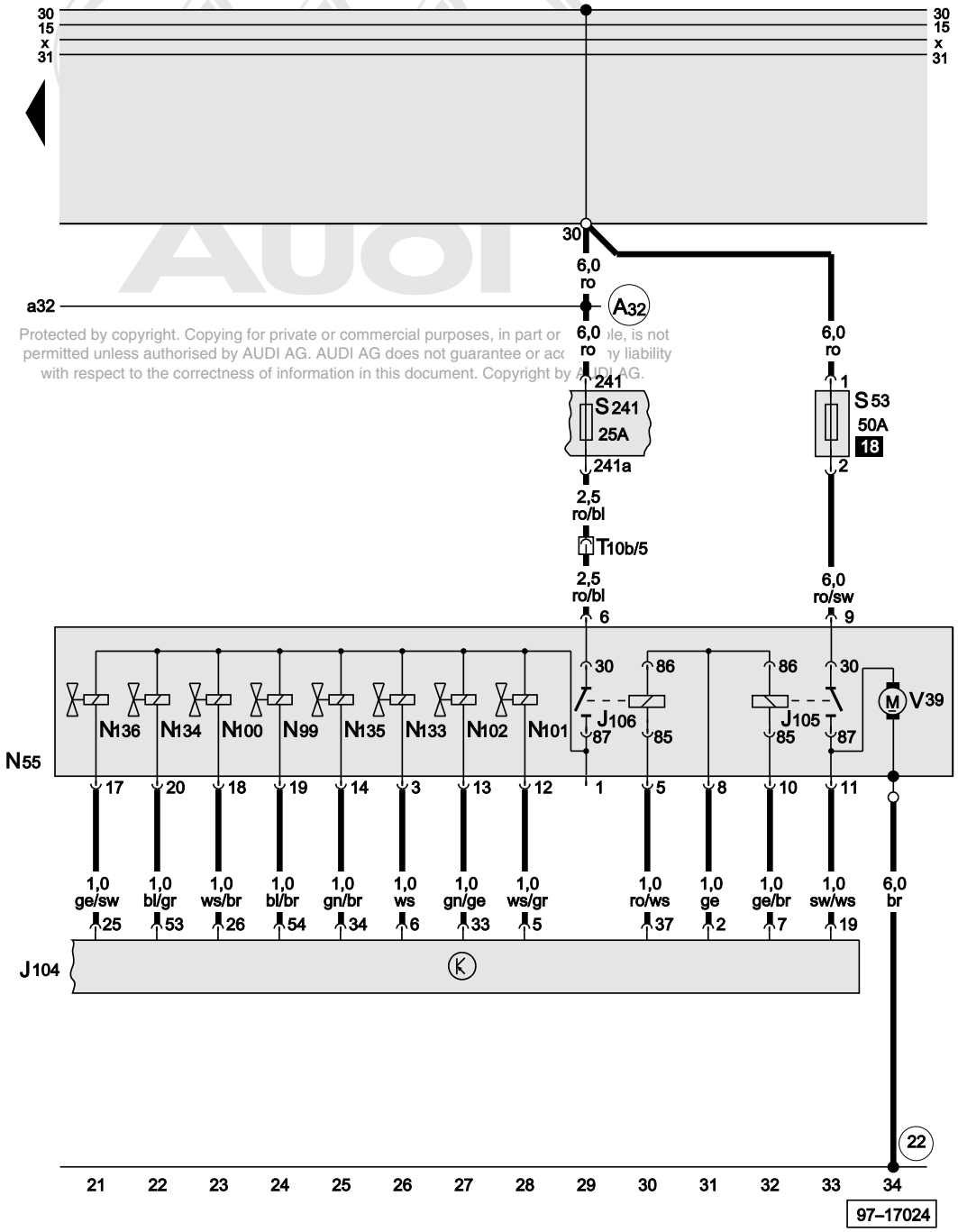


Anti-lock brake system with front-wheel drive

D	Ignition/starter switch
F	Brake light switch
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J218	Combi-processor in dash panel insert
S7	Fuse in fuse box
S13	Fuse in fuse box
T10b	10-pin connector, orange, left connector point, A pillar
T10z	10-pin connector, brown, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
44	Earth point, lower part of left A-pillar
*	Only with 2.8 l MPI 128 kW, 6 cylinder
**	Only with 2.6 l MPI 110 kW, 6 cylinder

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ws	=	white
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gn	=	green
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gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Anti-lock brake system with front-wheel drive

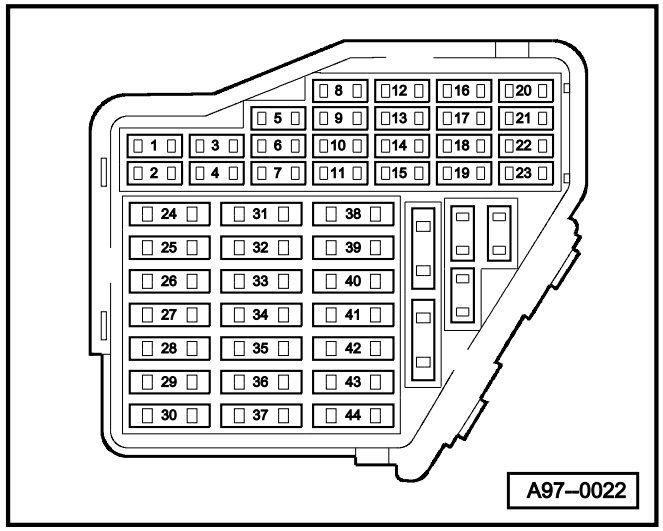
J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
S53	ABS hydraulic pump fuse
S241	Fuse in fuse box
T10b	10-pin connector, orange, left connector point, A pillar
V39	ABS return flow pump
A32	Positive (+) connection (15), in dash panel wiring harness
22	Earth point, on hydraulic unit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Heated seats

From November 1994

Fuse box:

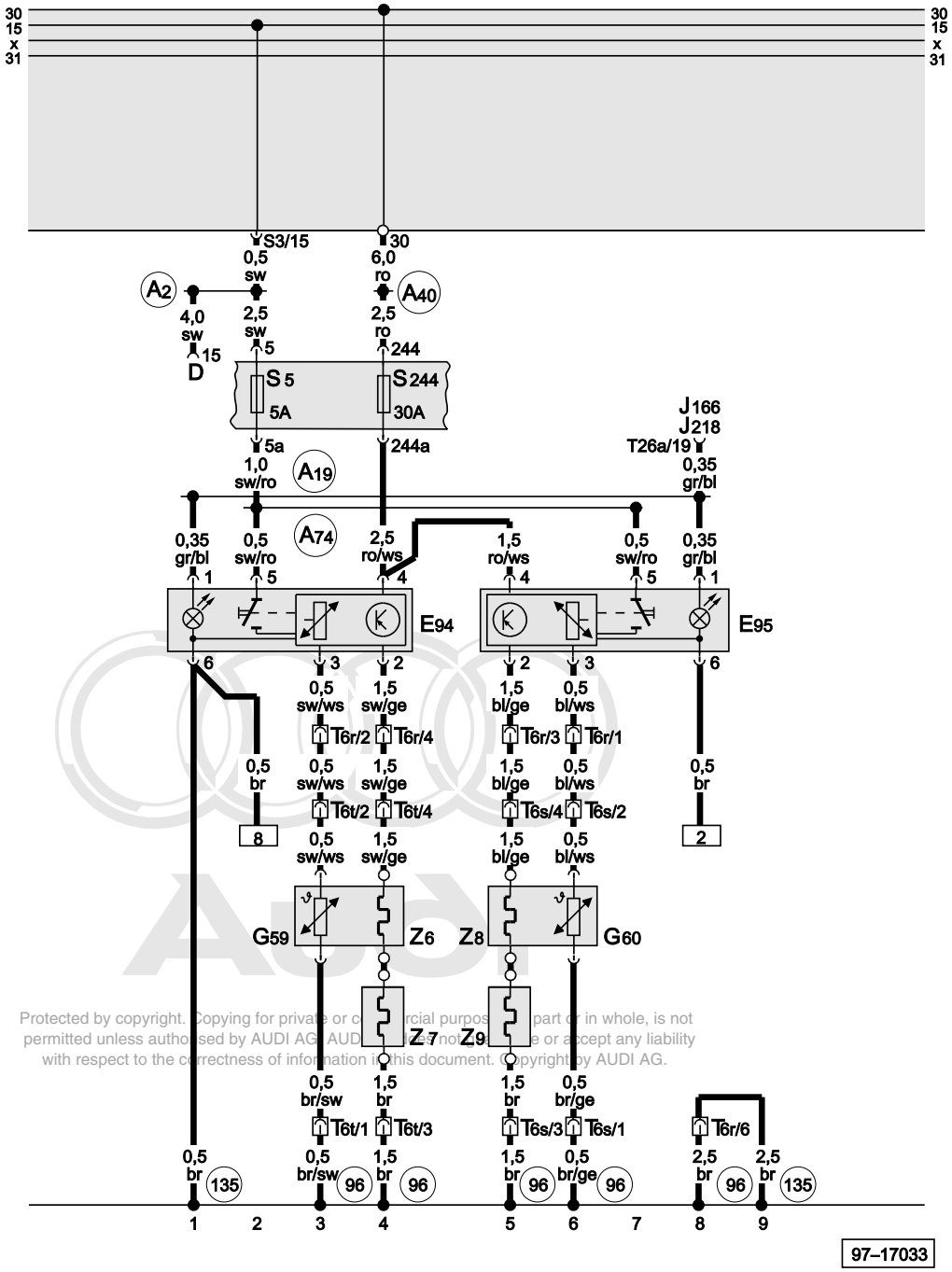


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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gn = green
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ge = yellow
or = orange
rs = pink

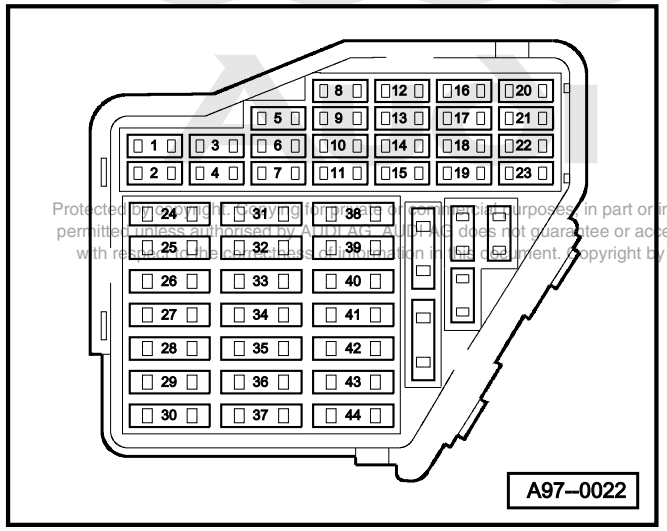
Heated seats

D	Ignition/starter switch
E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
G59	Driver's seat temperature sensor
G60	Front passenger's seat temperature sensor
J166	Instrument illumination amplifier
J218	Combi-processor in dash panel wiring harness
S5	Fuse in fuse box
S244	Fuse in fuse box
T6r	6-pin connector, white, left connector point, A pillar
T6s	6-pin connector, green, under front passenger's seat
T6t	6-pin connector, green, under driver's seat
T26a	26-pin connector, blue, on dash panel insert
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in instruments wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
96	Earth connection -1-, in seat heating wiring harness
135	Earth connection -2-, in dash panel wiring harness

Cruise control system (manual gearbox)

From November 1994

Fuse box:

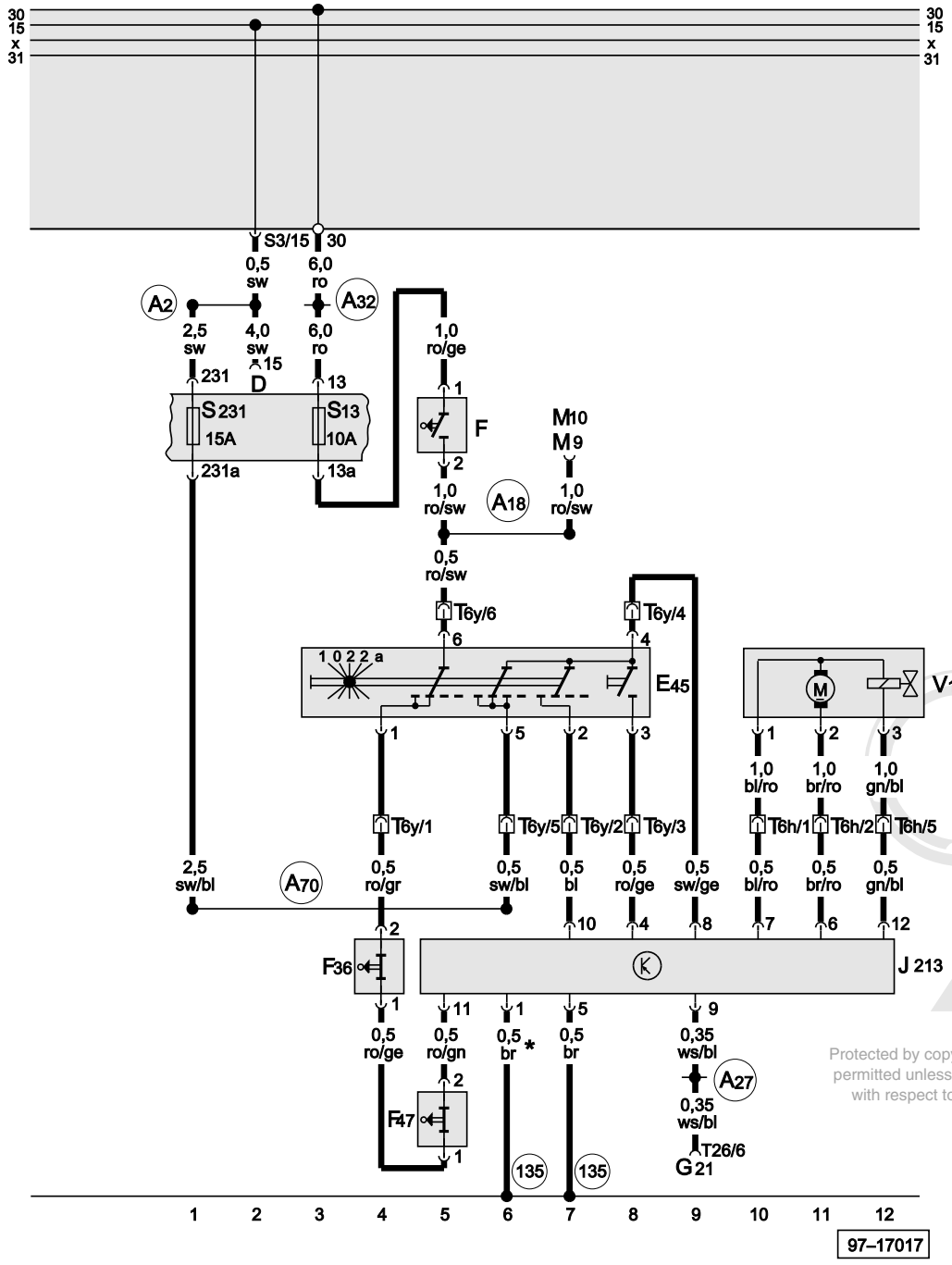


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



Cruise control system (manual gearbox)

D	Ignition/starter switch
E45	Cruise control system switch
F	Brake light switch
F36	Clutch pedal switch
F47	Cruise control system brake pedal switch
G21	Speedometer
J213	Cruise control system control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
S13	Fuse in fuse box
S231	Fuse in fuse box
T6h	6-pin connector, black, left connector point, A pillar
T6y	6-pin connector, black, in steering column
T26	26-pin connector, yellow, on dash panel insert
V18	Vacuum pump for automatic speed control
A2	Positive (+) connection (30a), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Only models with to engine of 110 kW

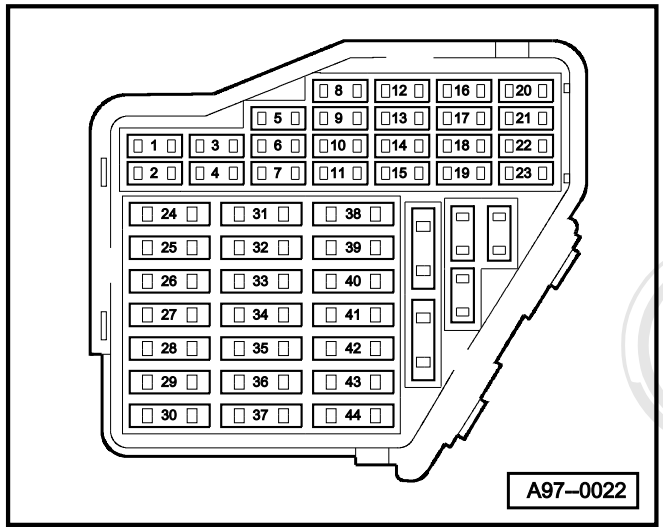
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Electric sliding sunroof with automatic preselector

From November 1994

Fuse box:

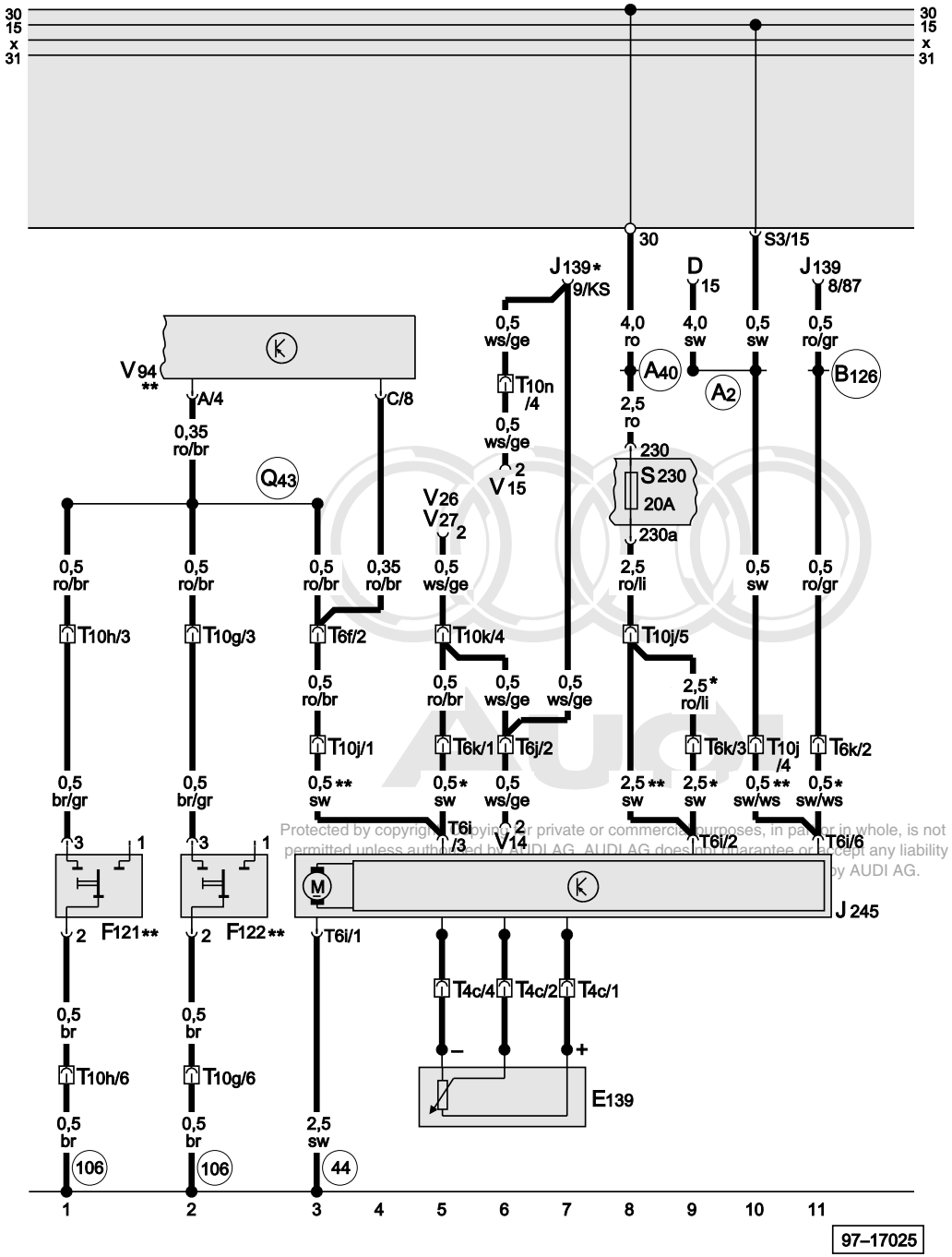


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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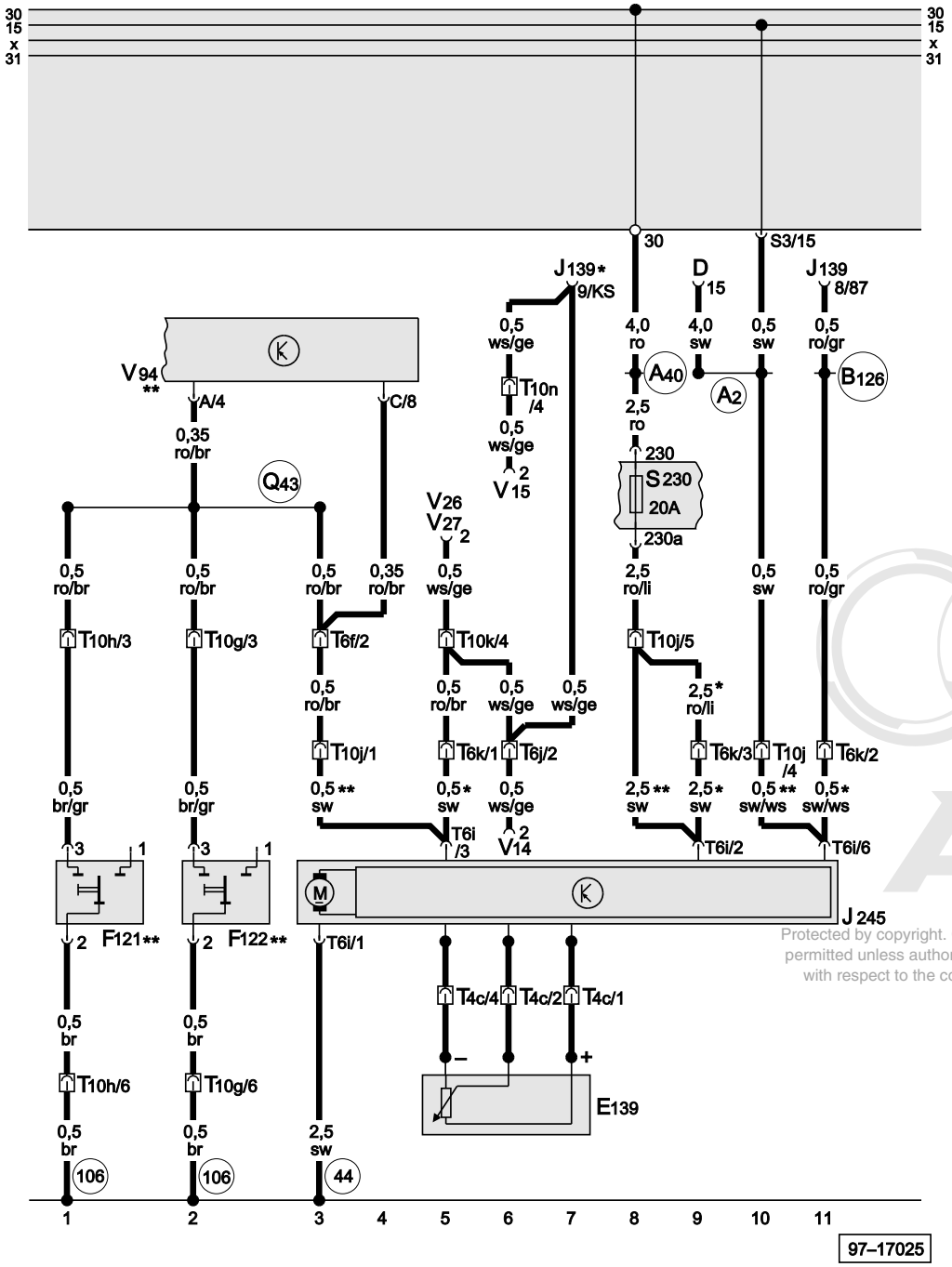


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Electric sliding sunroof with automatic preselector

D	Ignition/starter switch
E139	Sliding sunroof adjustment regulator
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
J139	Window lifter control unit
J245	Sliding sunroof adjustment control unit
S230	Fuse in fuse box
T4c	4-pin connector, near interior light, front
T6f	6-pin connector, orange, right connector point, A pillar
T6i	6-pin connector, near interior light, front
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10k	10-pin connector, red, left connector point, B pillar
V15	Electric window motor, right
V26	Electric window motor, rear left
V27	Electric window motor, rear right
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Electric sliding sunroof with automatic preselector

A2	Positive (+) connection (15), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
B126	Connection (87, window lifter control unit), in interior wiring harness
Q43	Connection (lock cylinder closed), in electric window wiring harness
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
*	Models with window lifters
**	Models without window lifter

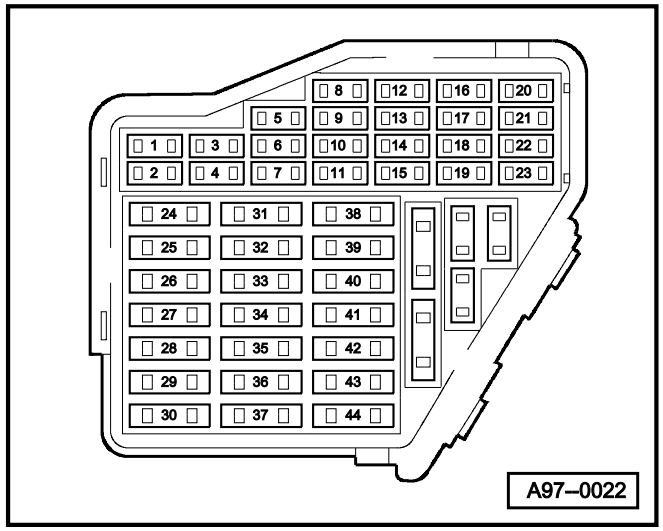
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Radio gamma- delta sound system with CD changer

From November 1994

Fuse box:

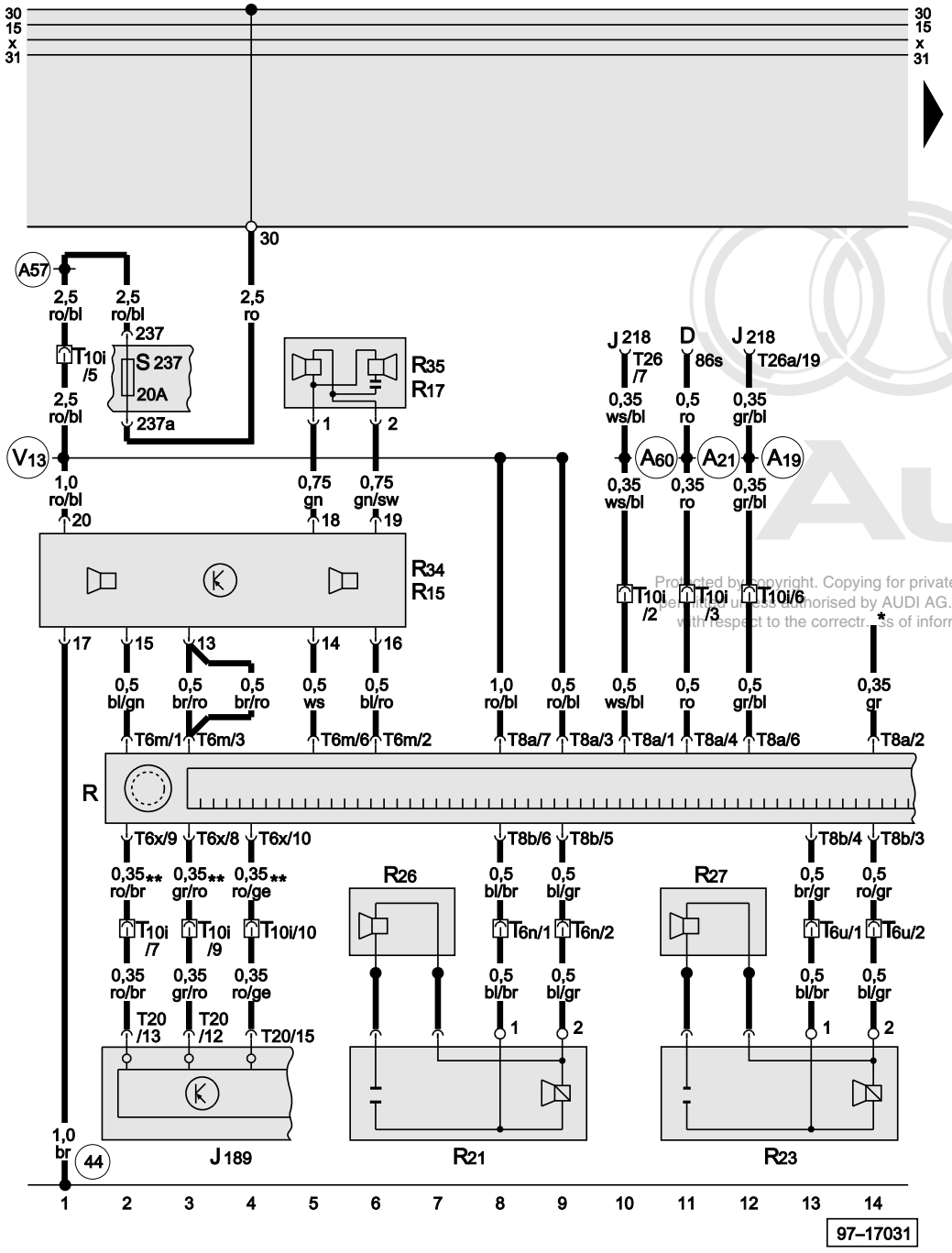


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

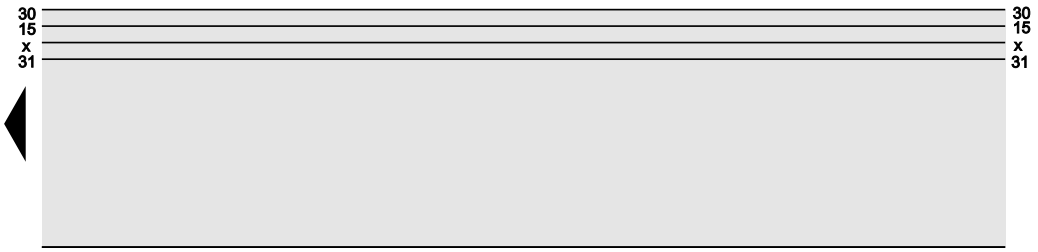


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Radio gamma- delta sound system with CD changer

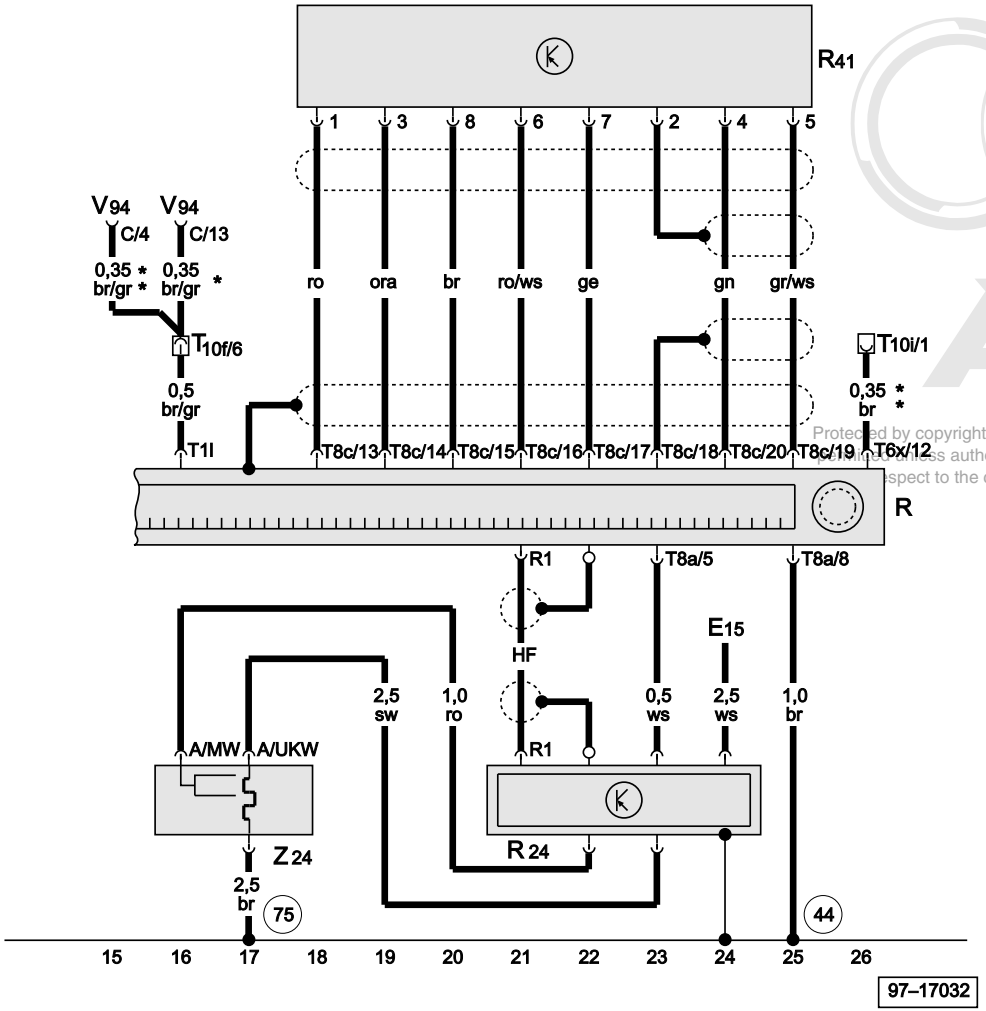
D	Ignition/starter switch
J189	Auto-check system
J218	Combi-processor in dash panel insert
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R34	Middle-high tone loudspeaker, rear left
R35	Middle-high tone loudspeaker, rear right
S237	Fuse in fuse box
T6m	6-pin connector, yellow, radio connector I-1
T6n	6-pin connector, yellow, left A pillar
T6u	6-pin connector, yellow, right A pillar
T6x	6-pin connector, green, radio connector I-2
T8a	8-pin connector, black, on radio
T8b	8-pin connector, brown, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on bulb monitoring device
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A19	Connection (58d), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
A60	Connection (vehicle speed), in dash panel wiring harness
V13	Positive (+) connection (30), in loudspeaker wiring harness
44	Earth point, lower part of left A pillar
*	Radio muting
**	Only models with auto-check system

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Radio gamma- delta sound system with CD changer

E15	Heated rear window switch
R	Radio
R1	Aerial connection
R24	Aerial amplifier
R41	CD changer
T1l	Single connector, brown, on radio
T6x	6-pin connector, green, radio connector I-2
T8a	8-pin connector, black, on radio
T8c	8-pin connector, blue, radio connector I-3
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
V94	Central locking motor with control unit for interior lights switch-off delay
Z24	Heated rear window with window aerial
44	Earth point, lower part of left A-pillar
75	Earth point, right rear pillar
*	Applicable up to May 96
**	Applicable from May 97



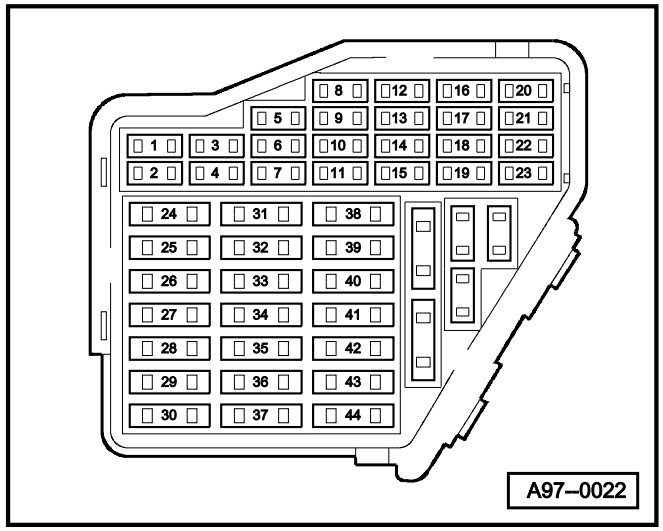
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio Bose sound system

From November 1994

Fuse box:

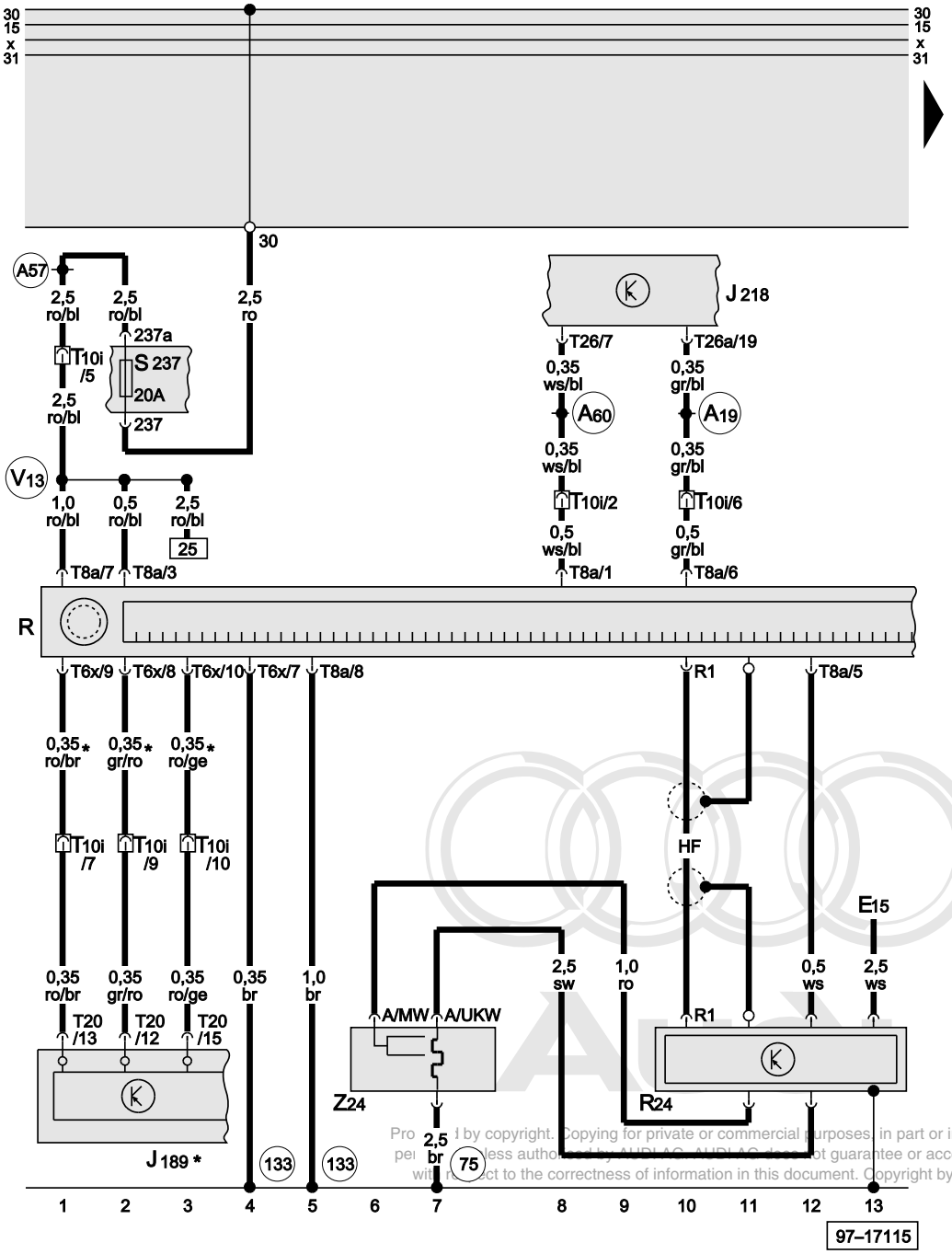


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

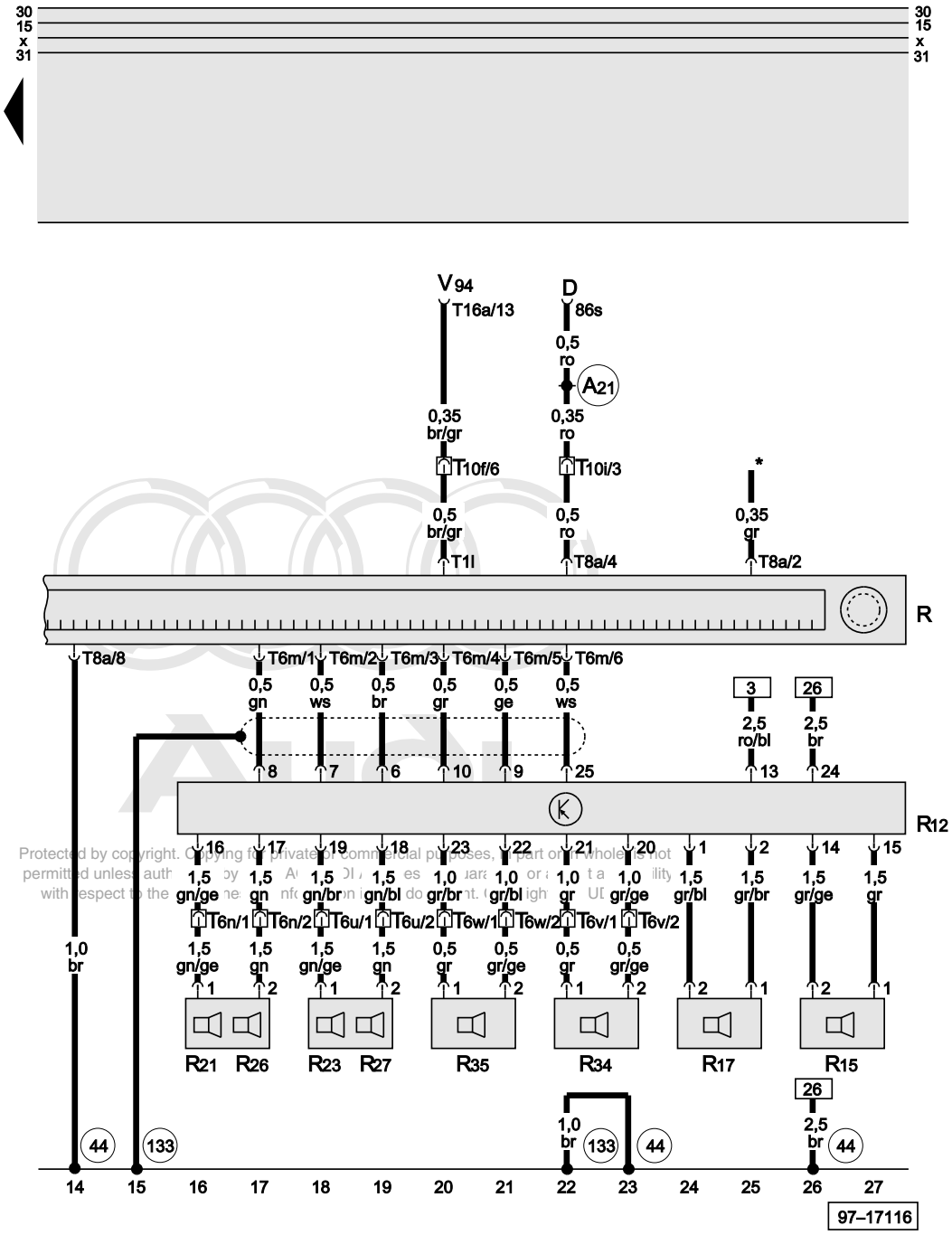


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Bose sound system

E15	Heated rear window switch
J189	Auto-check system
J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R24	Aerial amplifier
S237	Fuse in fuse box
T6x	6-pin connector, green, radio connector I-2
T8a	8-pin connector, black, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on bulb monitoring device
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Z24	Heated rear window with window aerial
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
V13	Positive (+) connection (30), in loudspeaker wiring harness
75	Earth point, rear pillar, right
133	Earth point, in loudspeaker wiring harness
*	Only models with auto-check system Note: CD changer refer to Current Flow Diagram No. 15 (Radio Gamma-Delta sound system)

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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Bose sound system

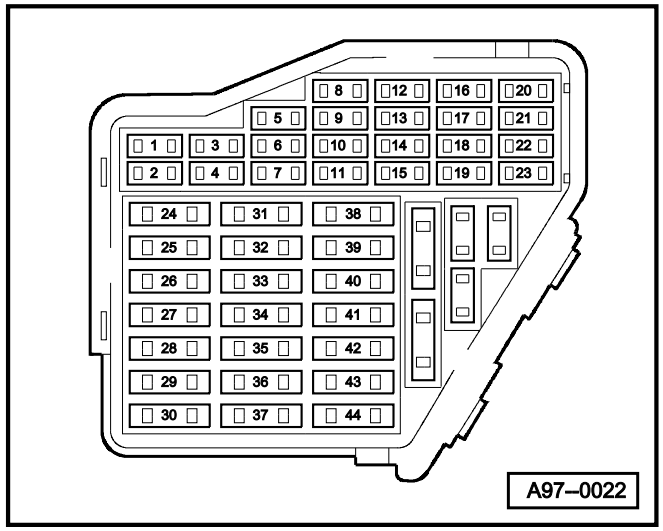
D	Ignition/starter switch
R	Radio
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R34	Middle-high tone loudspeaker, rear left
R35	Middle-high tone loudspeaker, rear right
T1l	Single connector, brown, on radio
T6m	6-pin connector, yellow, radio connector I-1
T6n	6-pin connector, yellow, left A pillar
T6u	6-pin connector, yellow, right A pillar
T6v	6-pin connector, yellow, left B pillar
T6w	6-pin connector, yellow, right B pillar
T8a	8-pin connector, black, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A-pillar
133	Earth point, in loudspeaker wiring harness
*	Radio muting

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Central locking system / infra-red control unit - anti-theft alarm system with interior monitoring

From November 1994

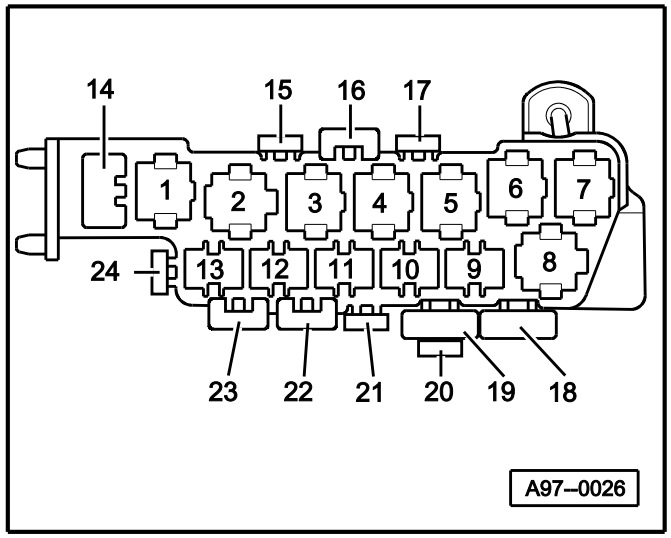
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



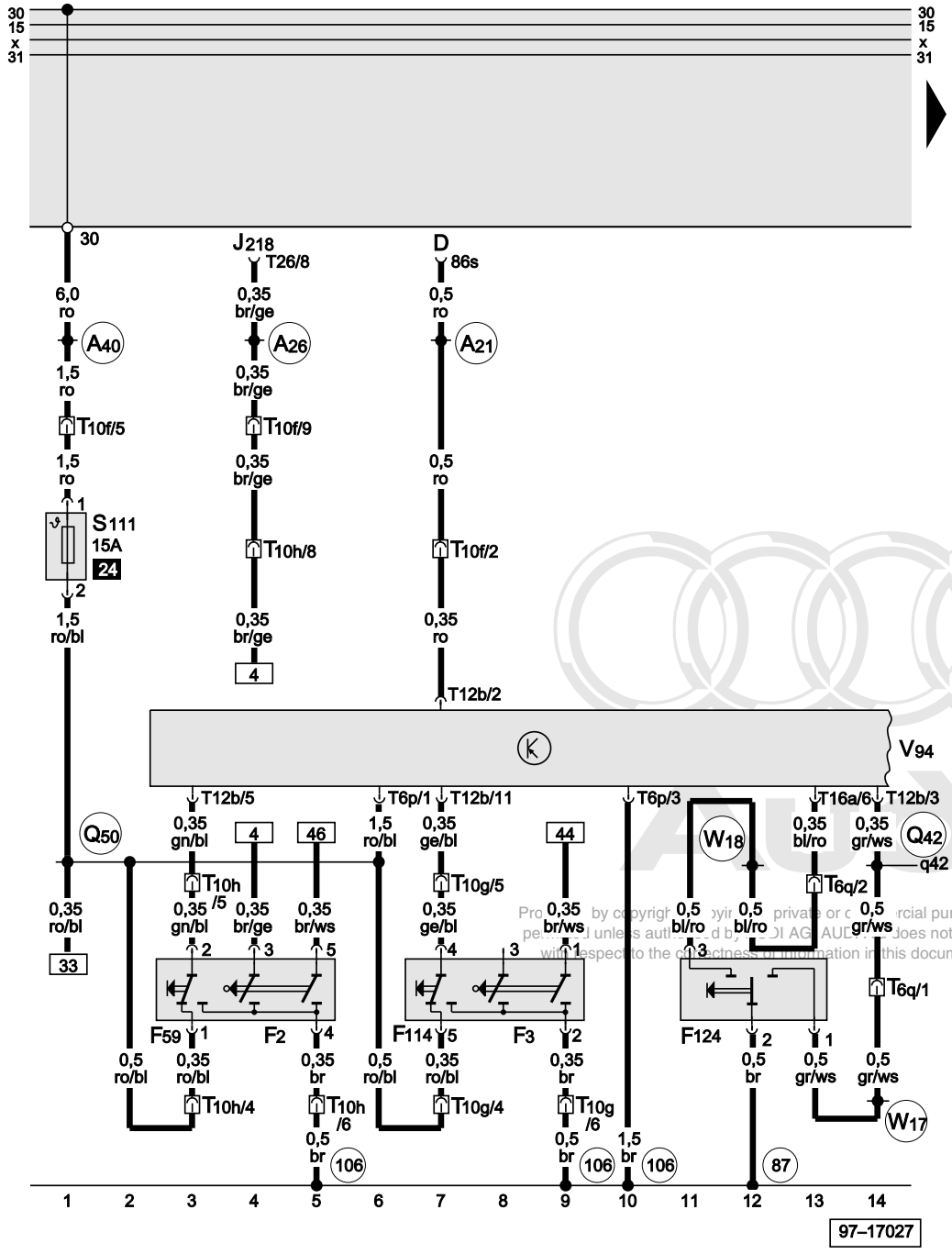
Fuse for central locking and anti-theft warning system

24 - Anti-theft alarm system/ central locking fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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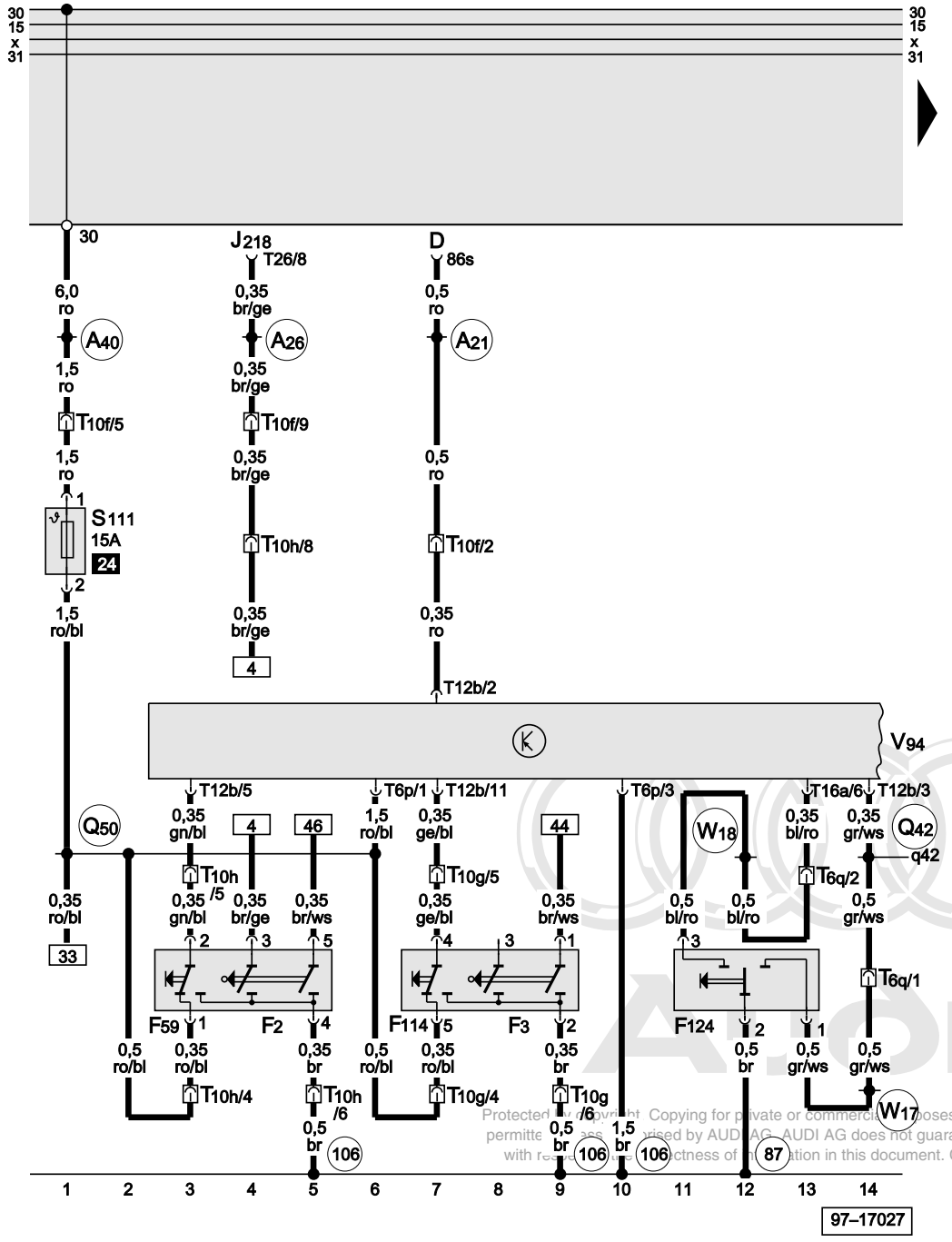


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Central locking system / infra-red control unit - anti-theft alarm system with interior monitoring

D	Ignition/starter switch
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F59	Tailgate/boot lid central locking switch (driver's side)
F114	Tailgate/boot lid central locking switch (front passenger's side)
F124	Contact switch in lock cylinder for tailgate/bootlid anti-theft alarm system/central locking system
J218	Combi-instruments in dash panel insert
S111	Fuse for anti-theft alarm system and immobilizer
T6p	6-pin connector, black, connector plug B at V94, luggage compartment, right
Tq	6-pin connector, violet, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T12b	12-pin connector, green, connector plug A at V94, luggage compartment, right
T16a	16-pin connector, connector plug C at V94, luggage compartment, right
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system

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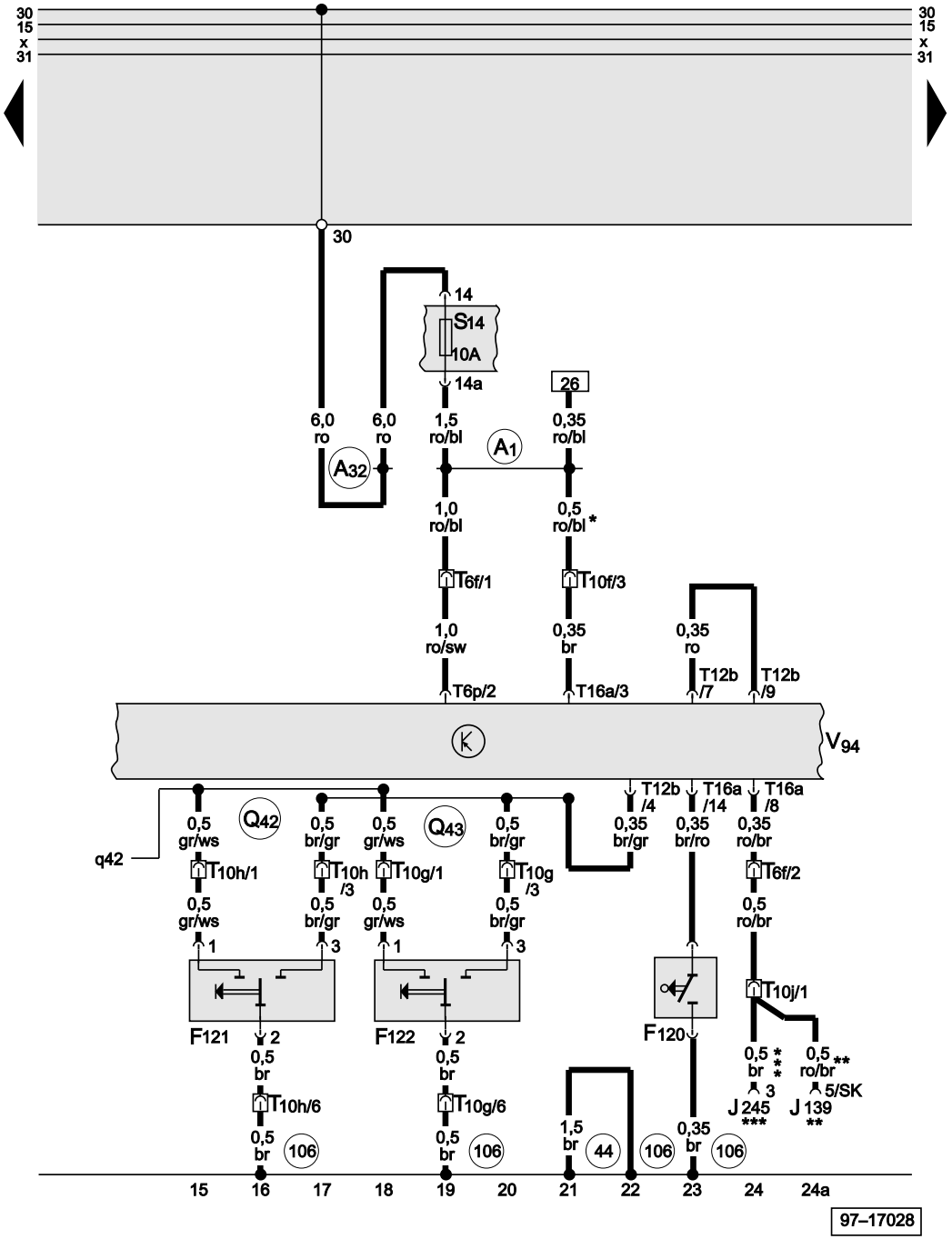


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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Central locking system / infra-red control unit - anti-theft alam system with interior monitoring

87	Earth connection -2-, in rear wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
A21	Connection (86s), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q50	Connection (30a), in anti-theft alarm system wiring harness
W17	Connection (lock cylinder open), in rear wiring harness
W18	Connection (lock cylinder closed), in rear wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Central locking system / infra-red control unit - anti-theft alarm system with interior monitoring

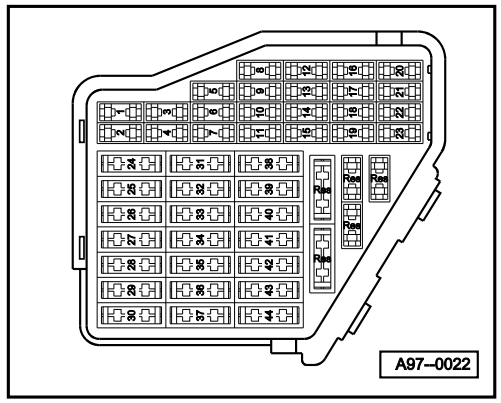
F120	Anti-theft alarm system contact switch
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm system
J139	Window lifter control unit
J245	Sliding sunroof adjustment control unit
T6f	6-pin connector, orange, right connector point, A pillar
T6p	6-pin connector, black, connector plug B at V94, luggage compartment, right
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness
*	Specific export versions (Swiss)
**	Only models with window lifters
***	Only models with sliding roof

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Hedlights with integrated fog lights and rear fog light

From November 1994

Fuse box:

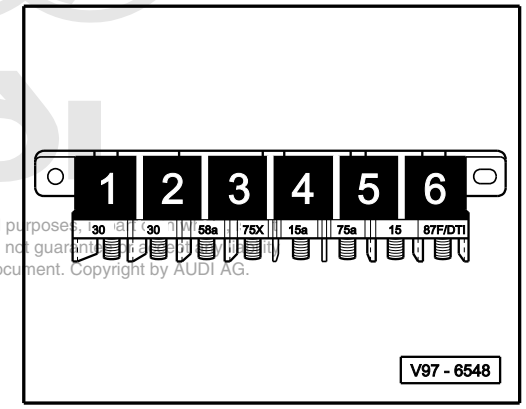


Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

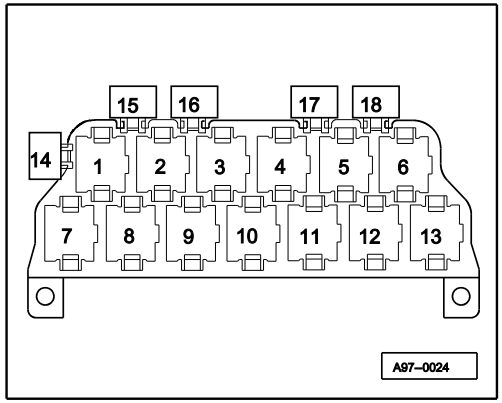
Central electric - front side:



Position of relays:

1 X contact relief relay

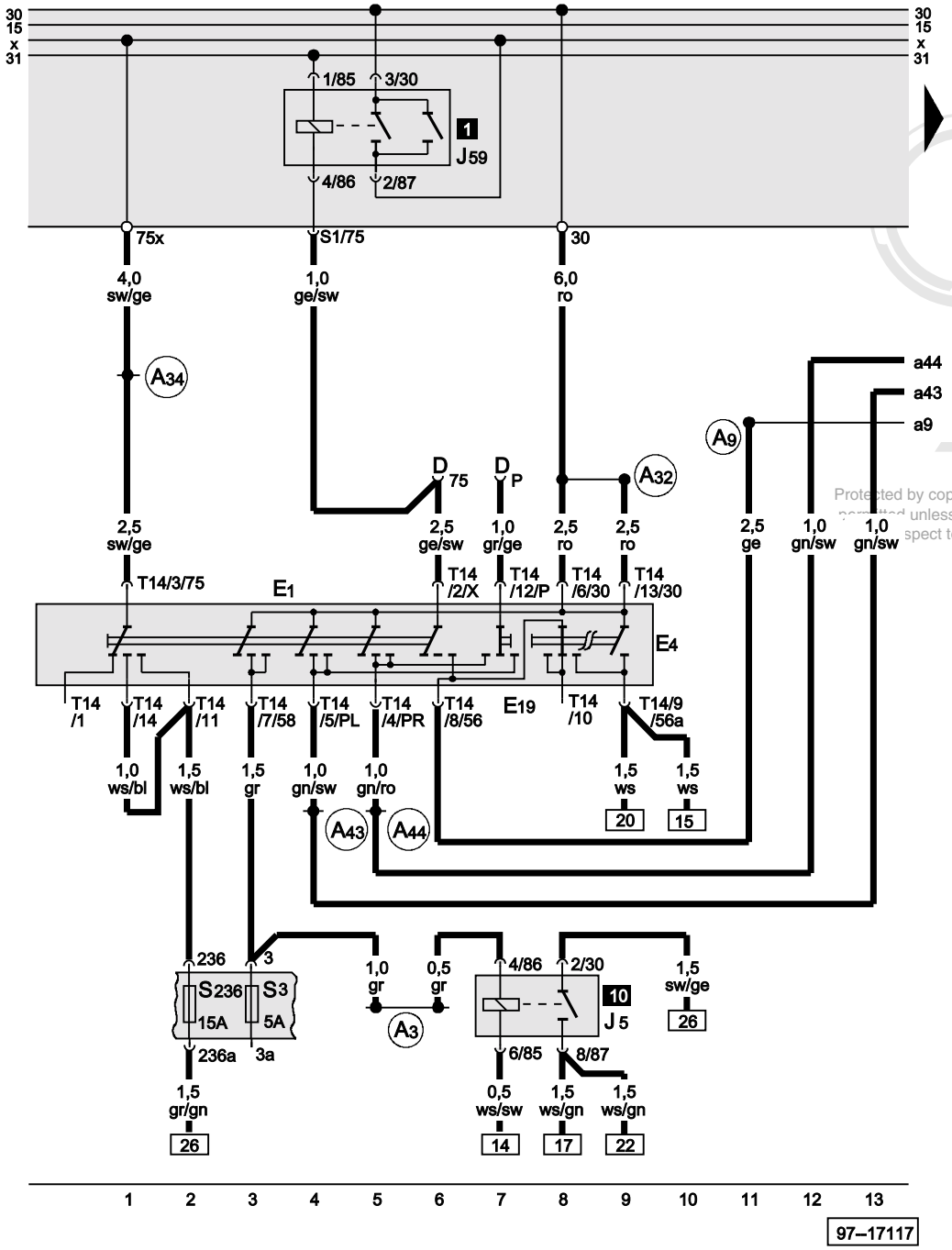
13-point relay carrier:



Position of relays:

10 Fog light relay

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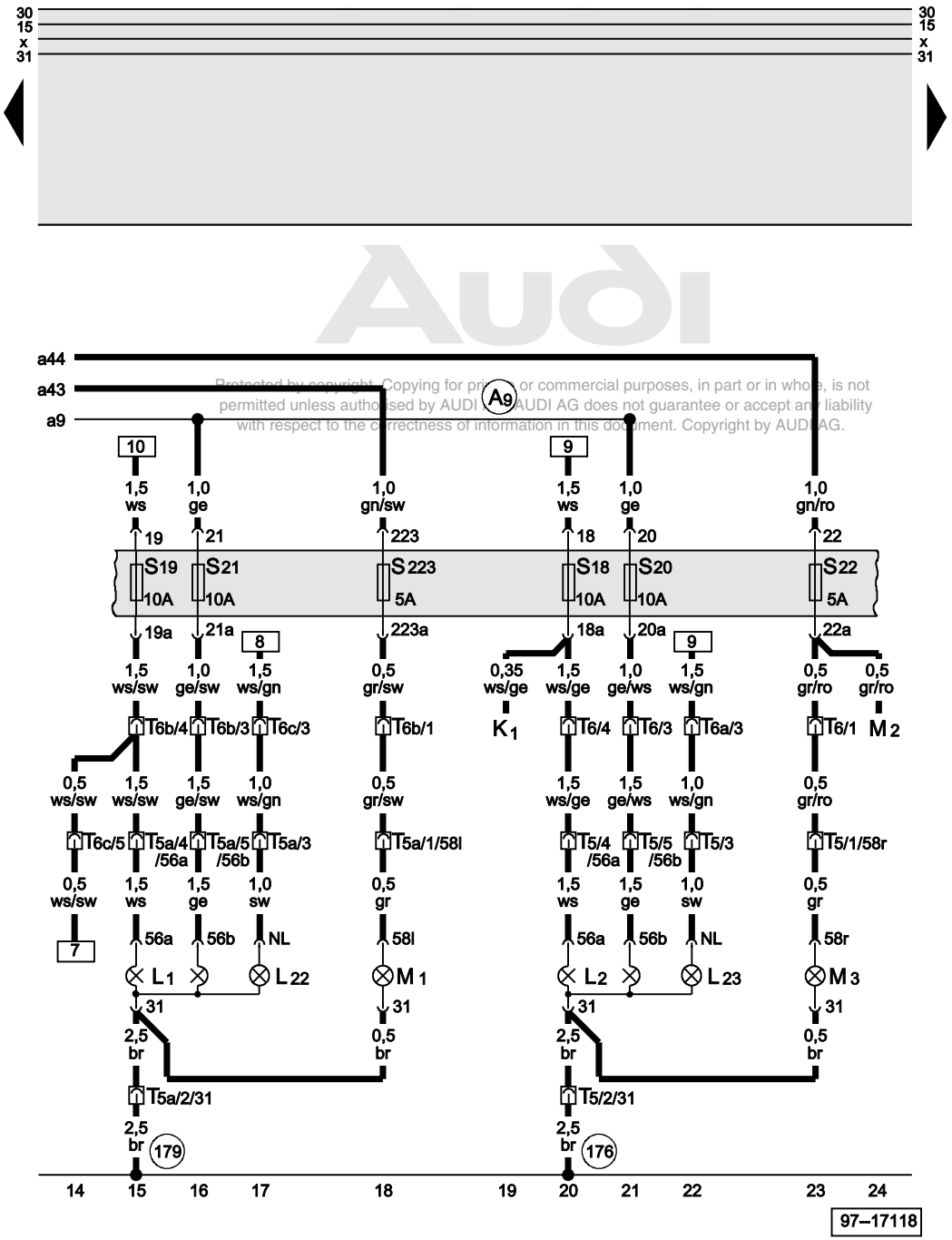


Hedlights with integrated fog lights and rear fog light

D	Ignition/starter switch
E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J5	Fog light relay
J59	X contact relief relay
S3	Fuse in fuse box
S236	Fuse in fuse box
T14	14-pin connector, black, at steering column switch
A3	Positive (+) connection (58), in dash panel wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Positive (+) connection (75x), in dash panel wiring harness
A43	Positive (+) connection (57l), in dash panel wiring harness
A44	Positive (+) connection (57r), in dash panel wiring harness

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

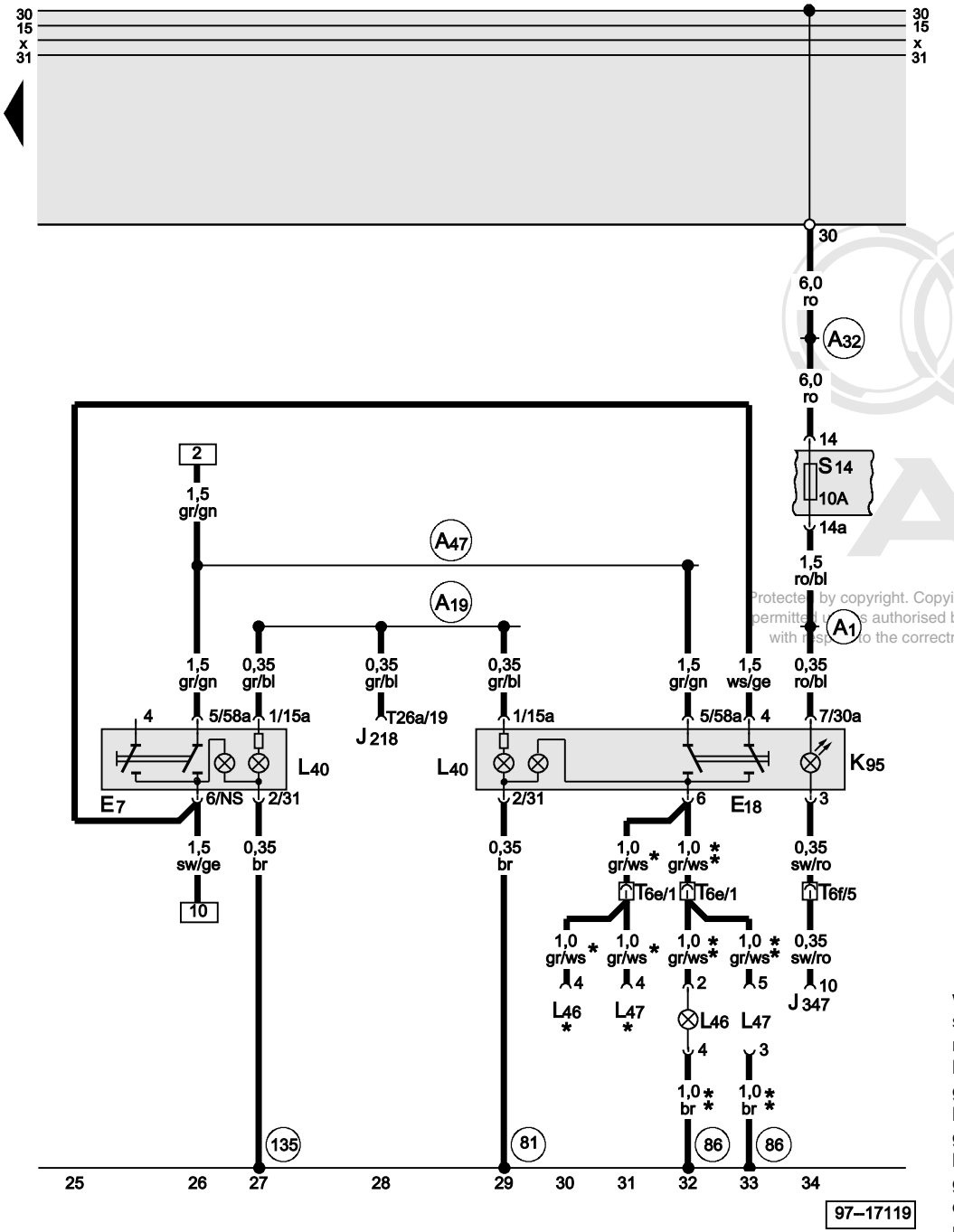


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Headlights with integrated fog lights and rear fog light

K1	Main beam warning lamp
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L22	Fog light bulb, left
L23	Fog light bulb, right
M1	Side light bulb, left
M2	Tail light bulb, right
M3	Side light bulb, right
S18	Fuse in fuse box/relay plate
S19	Fuse in fuse box/relay plate
S20	Fuse in fuse box/relay plate
S21	Fuse in fuse box/relay plate
S22	Fuse in fuse box/relay plate
S223	Fuse in fuse box
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6a	6-pin connector, red, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness

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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Headlights with integrated fog lights and rear fog light

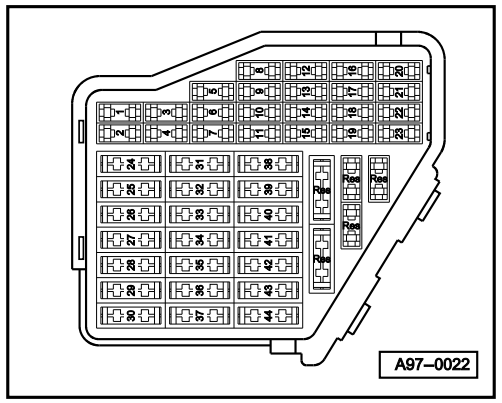
E7	Fog light switch
E18	Rear fog light switch
J218	Combi-processor in dash panel insert
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
L40	Front and rear fog light switch illumination bulb
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
S14	Fuse in fuse box/relay plate
T6e	6-pin connector, blue, left connector point, A pillar
T6f	6-pin connector, orange, right connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A19	Positive (+) connection (58d), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A47	Positive (+) connection (55), in dash panel wiring harness
*	Only applies to Audi Avant models (from 1996 model year)
**	Only applies to Audi saloon models

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Air conditioner with automatic control

From November 1994

Fuse box:

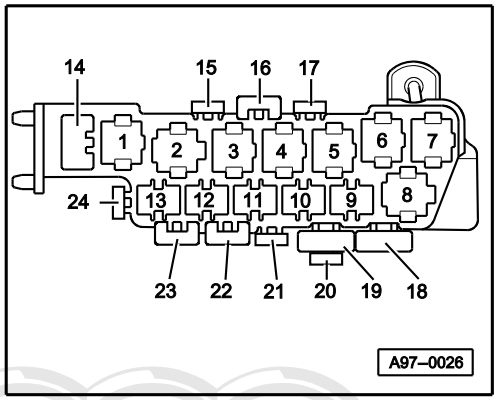


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

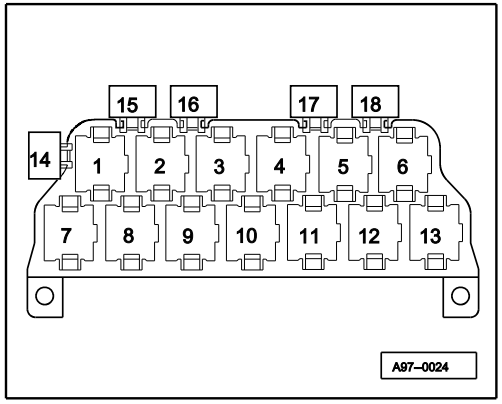
8-point relay carrier



Position of relays:

2 Radiator fan relay - maximum speed
3 Radiator fan 1st stage relay
19 Radiator fan fuse
21 Radiator fan fuse - relay coil

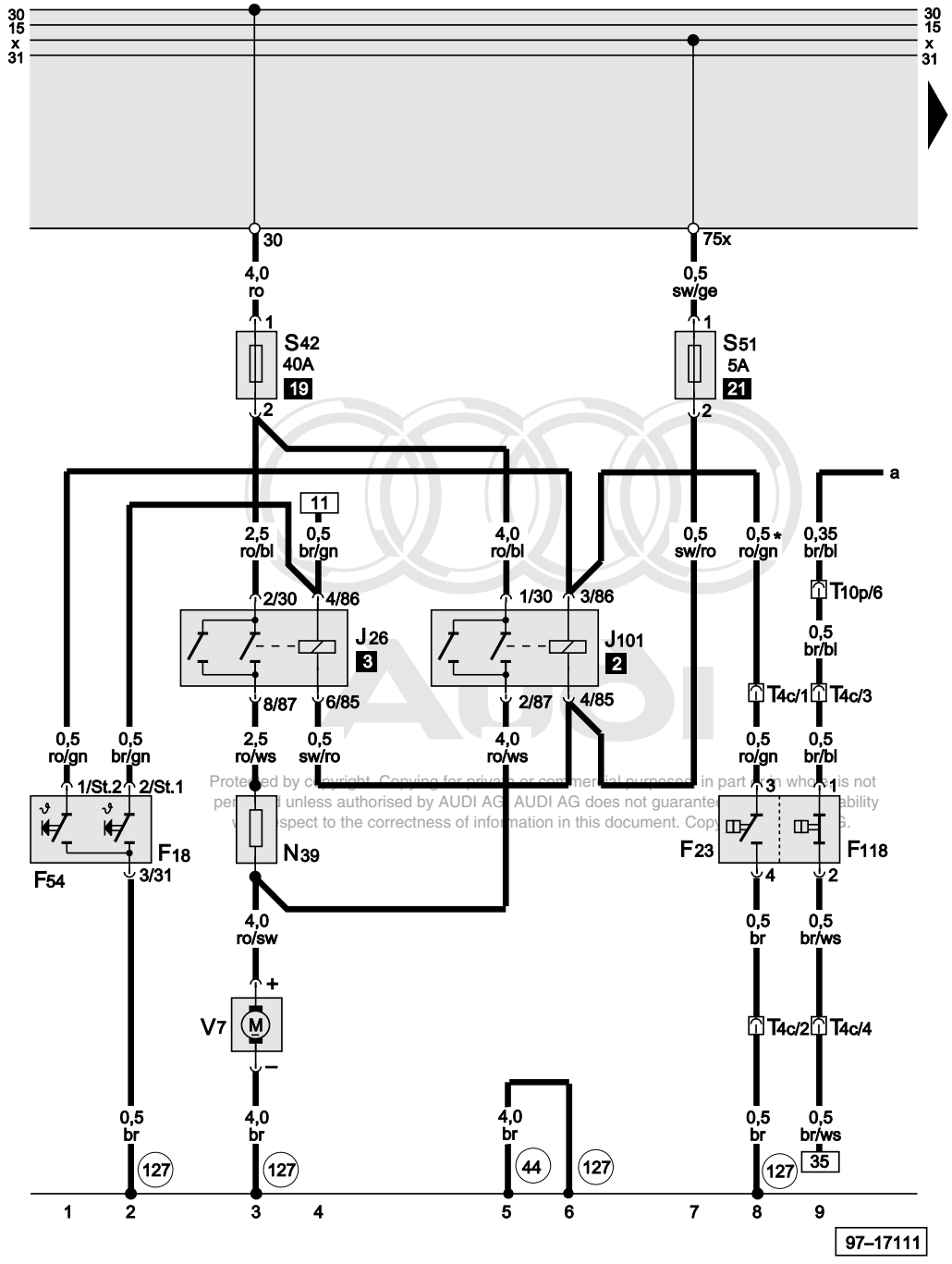
13-point relay carrier:



Position of relays:

3 Magnetic coupling relay

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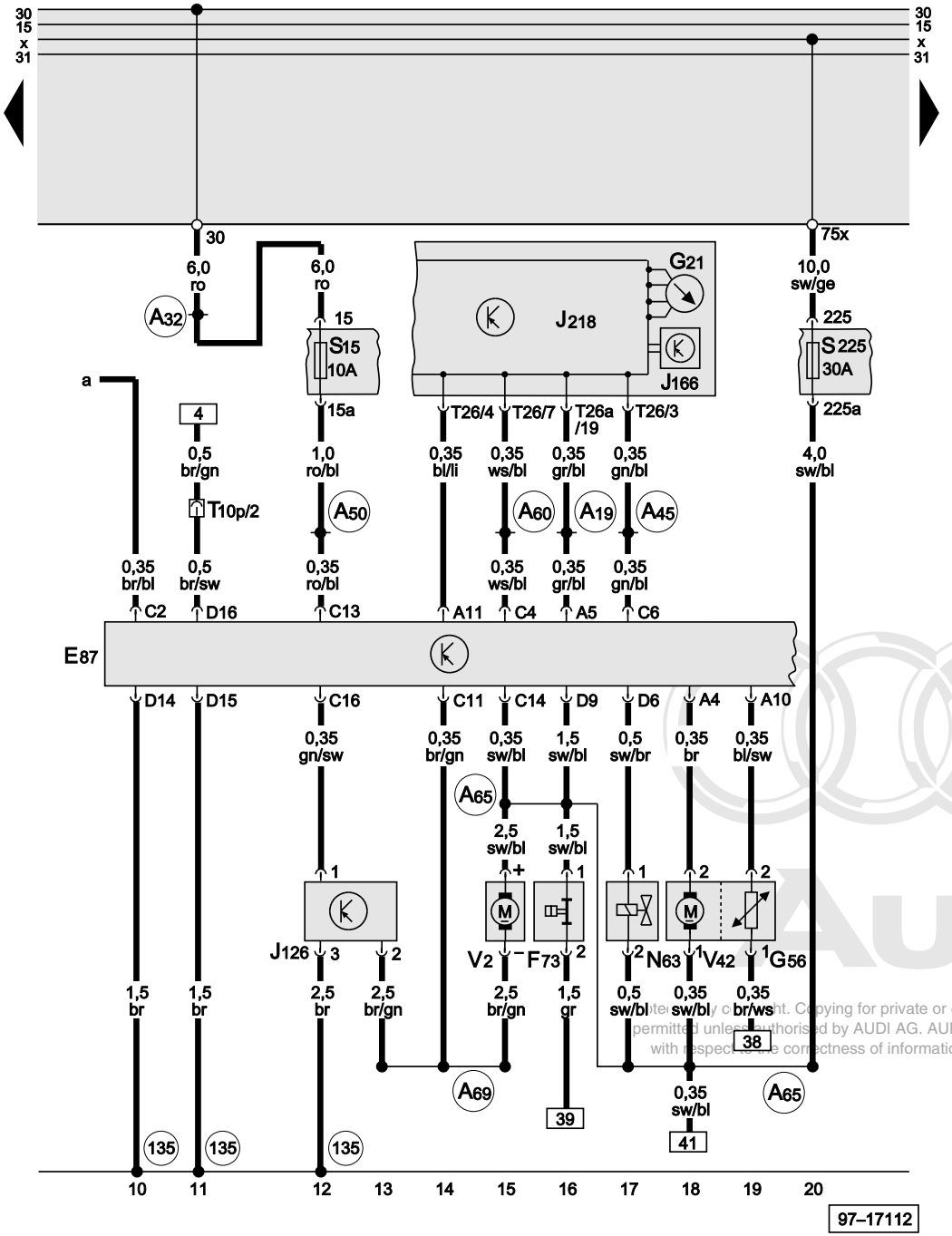


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Air conditioner with automatic control

F18	Radiator fan thermo-switch
F23	High pressure switch for air conditioner
F54	Radiator fan thermo-switch
F118	High pressure switch for magnetic coupling
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, gray, left connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A pillar
127	Earth connection -1-, in air conditioner compressor wiring harness
*	Models with 6 cylinder engine (engine codes AAH)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

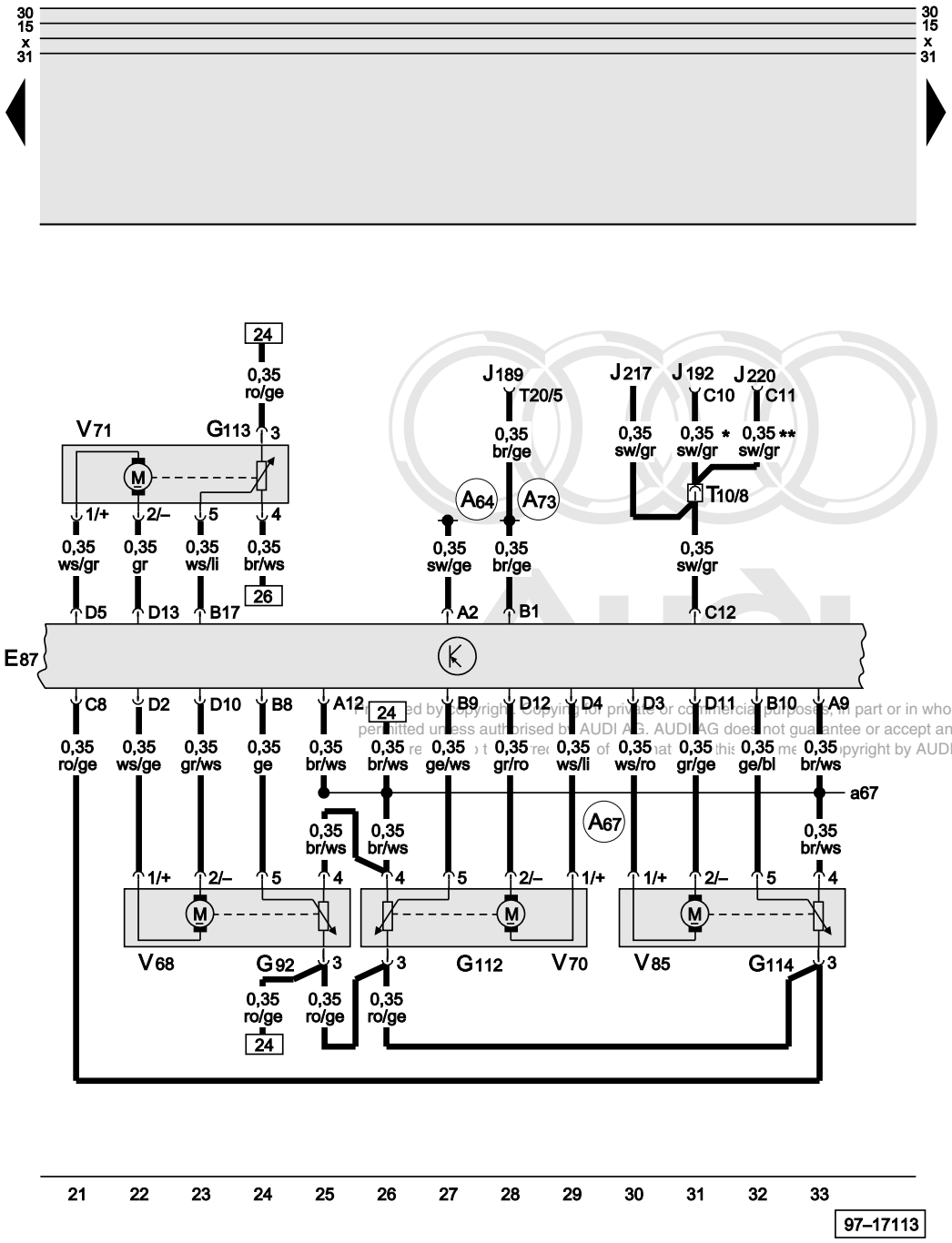


Air conditioner with automatic control

E87	Control and display unit for air conditioner
F73	Low pressure switch for air conditioner
G21	Speedometer
G56	Dash panel temperature sensor
J126	Fresh air blower control unit
J166	Instrument illumination amplifier
J218	Combi-processor in dash panel wiring harness
N63	Fresh and recirculating air flap two-way valve
S15	Fuse in fuse box
S225	Fuse in fuse box
T10p	10-pin connector, gray, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V2	Fresh air blower
V42	Temperature sensor blower
A19	Connection (58d), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A65	Connection (75a, digital air conditioner), in dash panel wiring harness
A69	Connection (31, digital air conditioner/blower control), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
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gr	=	grey
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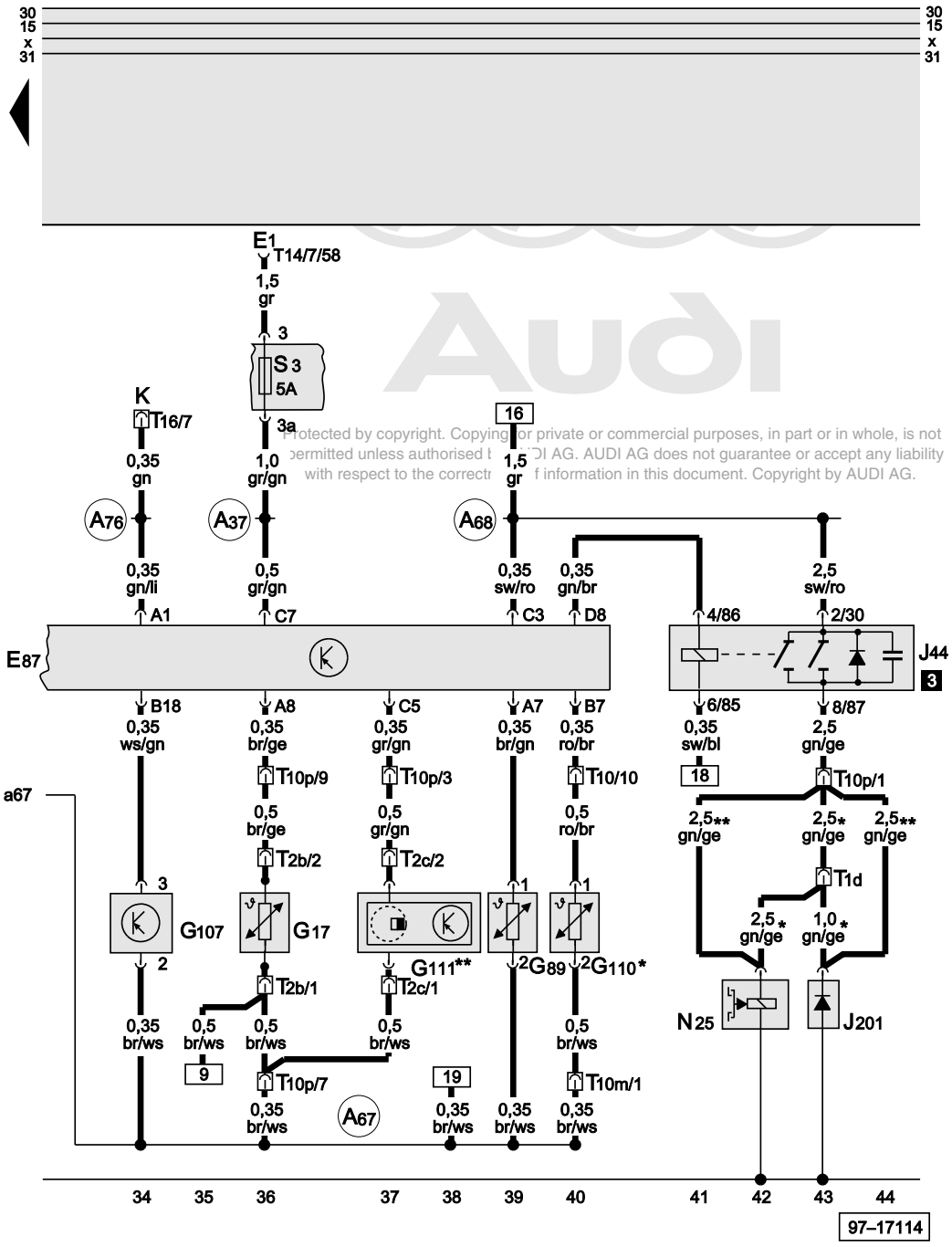


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Air conditioner with automatic control

E87	Control and display unit for air conditioner
G92	Control motor potentiometer, temperature flap
G112	Control motor potentiometer, central flap
G113	Control motor potentiometer, air flow flap
G114	Control motor potentiometer, footwell/defroster flap
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on bulb monitoring device
V68	Temperature flap control motor
V70	Central flap control motor
V71	Air flow flap control motor
V85	Footwell/defroster flap control motor
A64	Connection (30, rpm boost), in dash panel wiring harness
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
*	Models with 4 cylinder engine (engine codes ADP, ADR)
**	Models with 6 cylinder engine (engine codes AAH)



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rs = pink

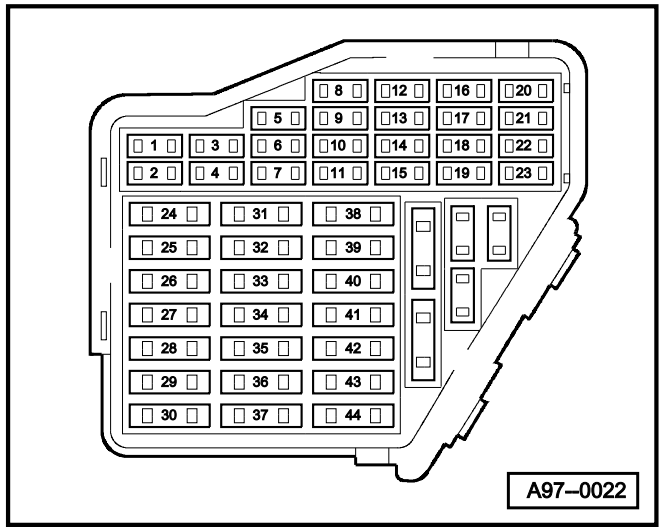
Air conditioner with automatic control

E1	Lighting switch
E87	Control and display unit for air conditioner
G17	Ambient temperature sensor
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photo sensor
G110	Air conditioner system coolant temperature sender
G111	Sender for speed
J44	Magnetic coupling relay
J201	Protective diode
N25	Air conditioner, magnetic coupling
S3	Fuse in fuse box
T1d	Single connector, green, on compressor/ air conditioner
T2b	2-pin connector, black, in engine compartment, front
T2c	2-pin connector, green, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10p	10-pin connector, gray, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
T16	16-pin connector, black, connector point, electronics box, plenum chamber
A37	Connection (58a), in dash panel wiring harness
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness
A68	Connection (voltage supply, digital air conditioner), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with 4 cylinder models (engine codes ADP and ADR)
**	Only models with 6 cylinder

Electric windows, 4-door (with roll-back function)

From November 1994

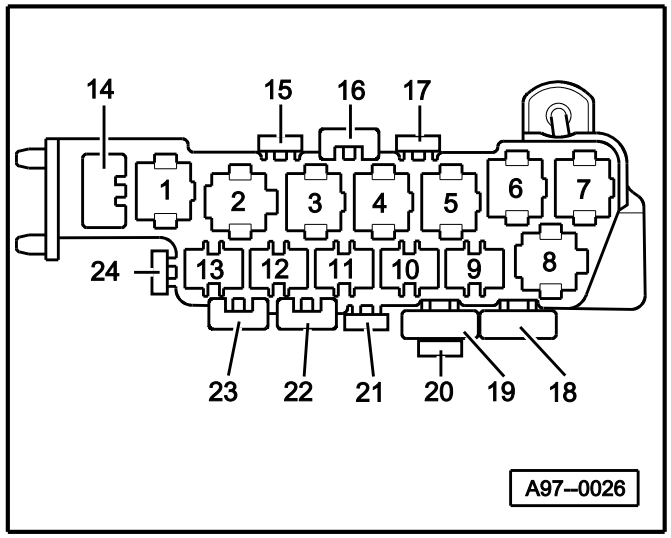
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



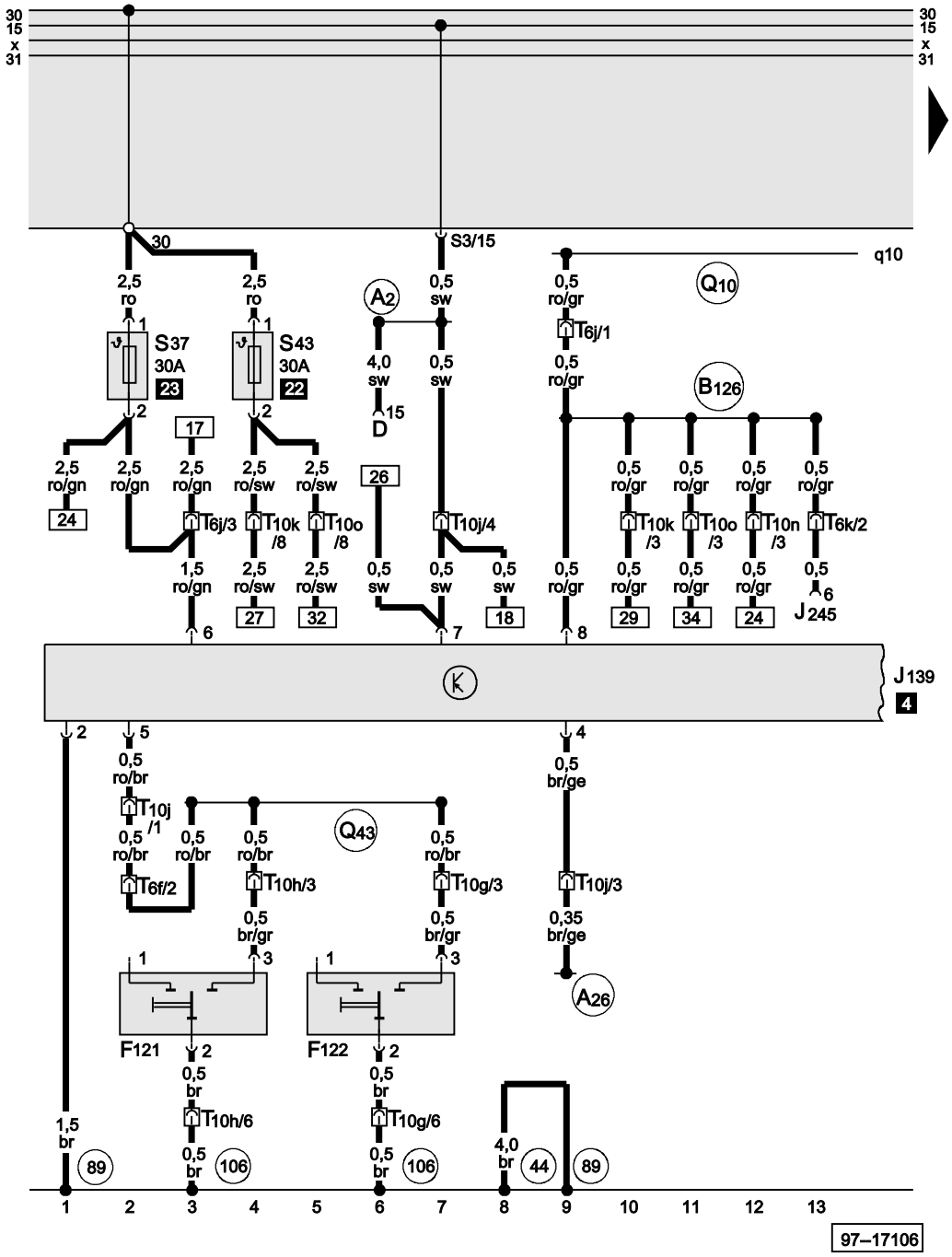
Position of relays:

4 - Electric window control unit
22 - Electric window single fuse (rear)
23 - Electric window single fuse (front)

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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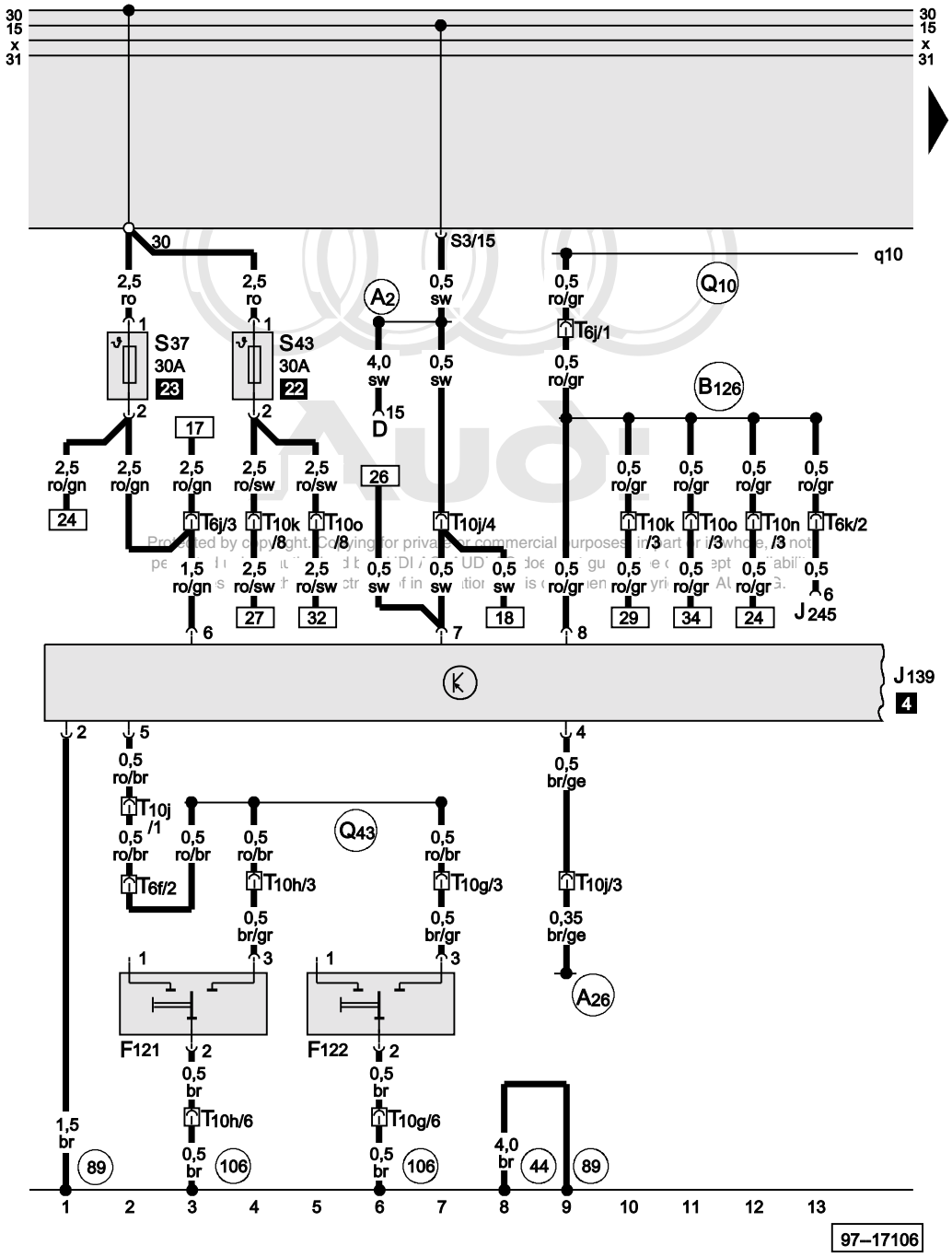


Electric windows, 4-door (with roll-back function)

D	Ignition/starter switch
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
J139	Electric window control unit
J245	Sliding sunroof adjustment control unit
S37	Electric window single fuse (front)
S43	Electric window single fuse (rear)
T6f	6-pin connector, orange, right connector point, A pillar
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10k	10-pin connector, red, B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, B pillar, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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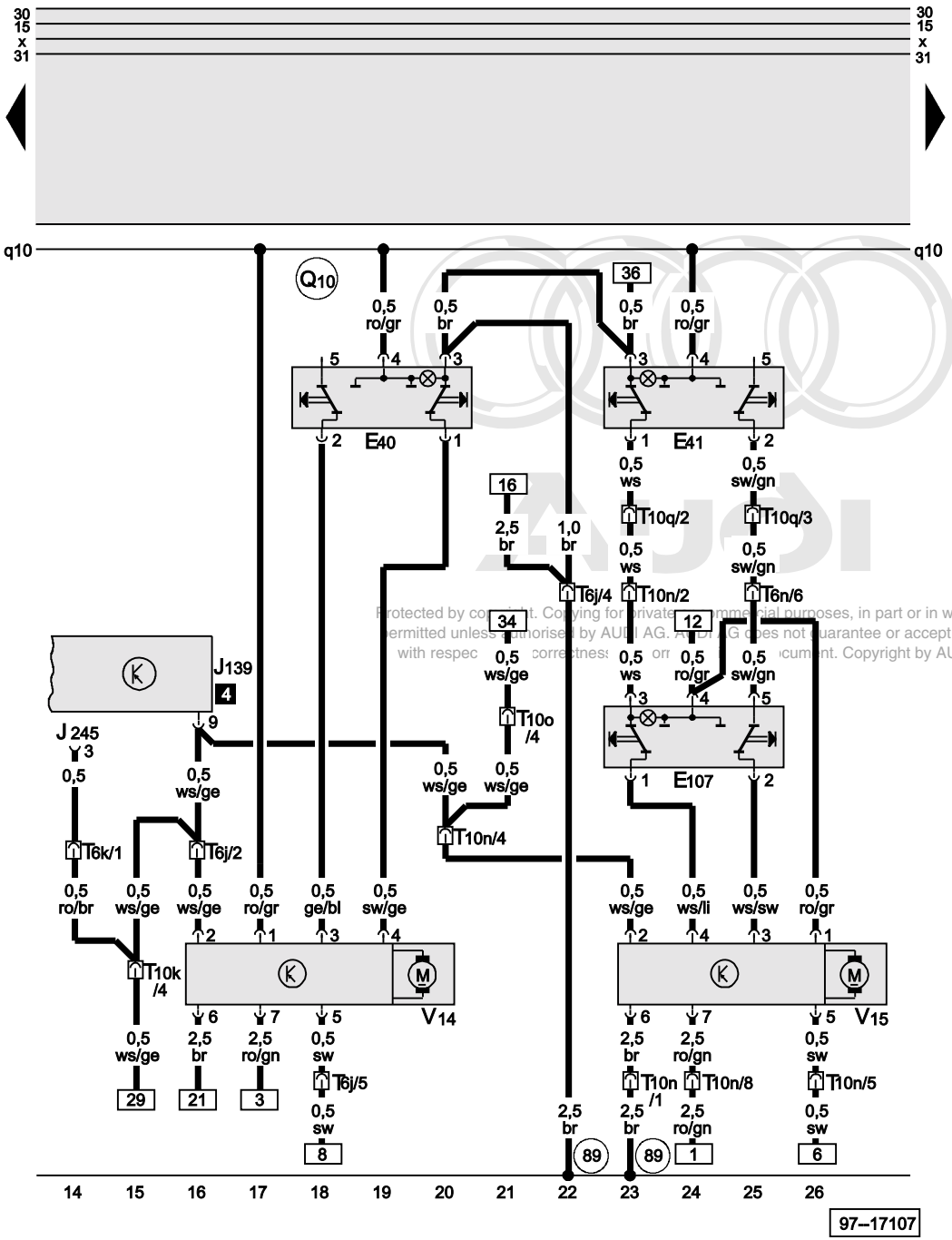


Electric windows, 4-door (with roll-back function)

44	Earth point, lower part of left A pillar
89	Earth connection -1-, in electric window wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
B126	Connection (87, electric window control unit), in electric window wiring harness
Q10	Positive (+) connection (87), in electric window/central locking and door contact switch wiring harness
Q43	Connection (lock cylinder closed), in electric window wiring harness

ws	=	white
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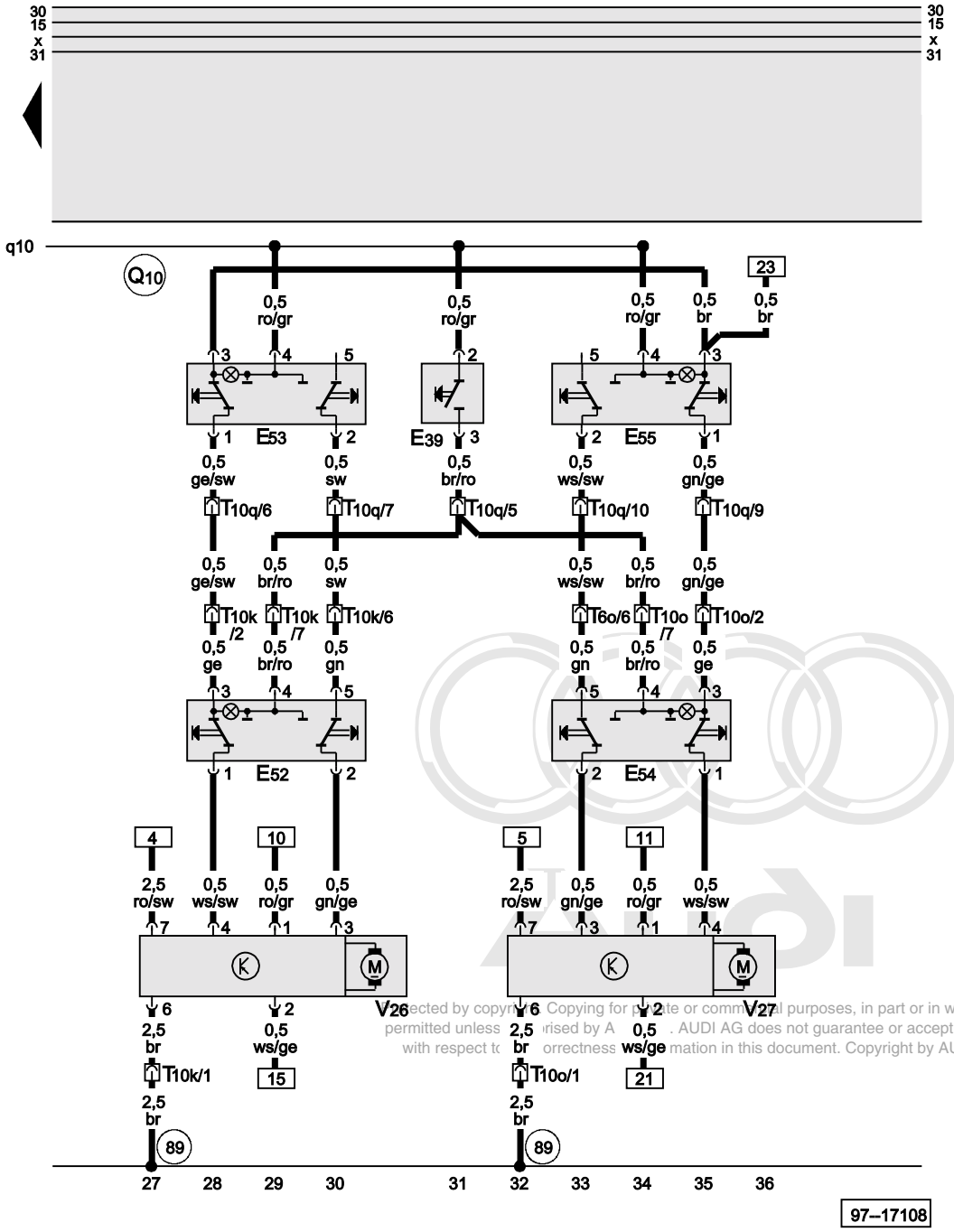


Electric windows, 4-door (with roll-back function)

E40	Front left electric window switch
E41	Front right electric window switch
E107	Electric window switch for front passenger's side
J139	Electric window control unit
J245	Sliding sunroof adjustment control unit
T6j	6-pin connector, red, near interior light, front
T6k	6-pin connector, brown, left connector point, A pillar
T6n	6-pin connector, yellow, A pillar, left
T10k	10-pin connector, red, B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
V14	Electric window motor, left
V15	Electric window motor, right
89	Earth connection -1-, in electric window wiring harness
Q10	Positive (+) connection (87), in electric window/central locking and door contact switch wiring harness

ws	=	white
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Electric windows, 4-door (with roll-back function)

E39	Rear electric window isolation switch
E52	Rear left electric window switch, in door
E53	Rear left electric window switch, in driver's door
E54	Rear right electric window switch, in door
E55	Rear right electric window switch, in driver's door
T6o	6-pin connector, white, right connector point, A pillar
T10k	10-pin connector, red, B pillar, left
T10o	10-pin connector, red, B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
V26	Electric window motor, rear left
V27	Electric window motor, rear right
89	Earth connection -1-, in electric window wiring harness
Q10	Positive (+) connection (87), in electric window/central locking and door contact switch wiring harness

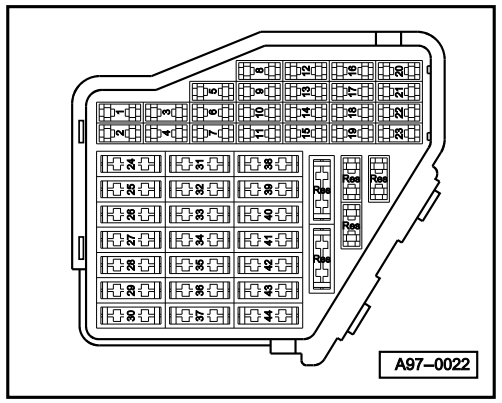
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Trailer coupling auto-check system

From December 1994

Fuse box:

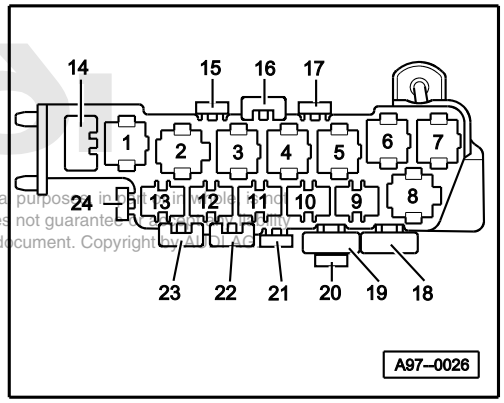


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

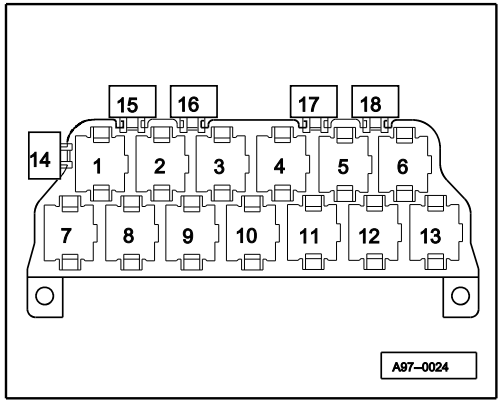
8-point relay carrier



Position of relays:

1 – Relay for rear fog light cut-out

13-point relay carrier:

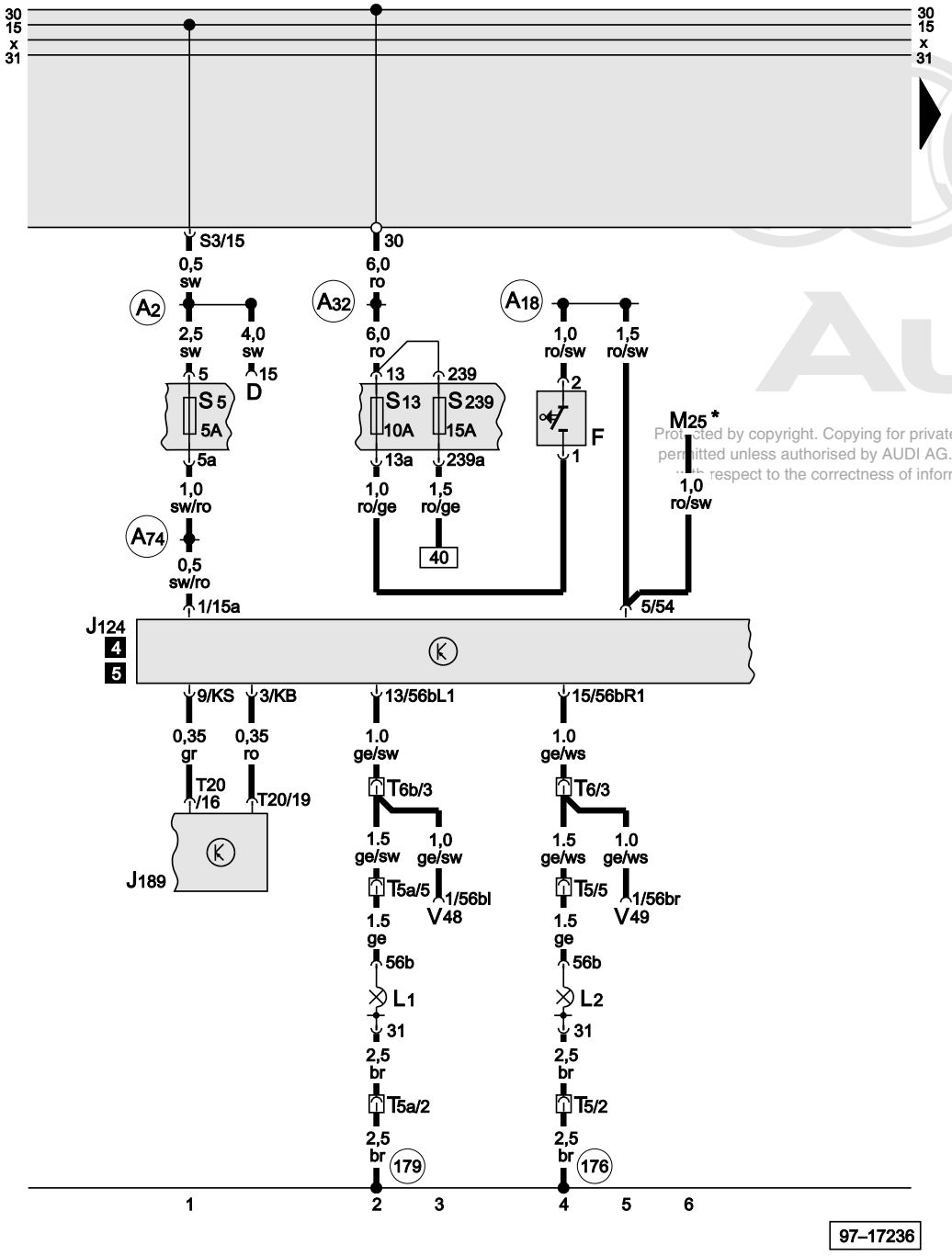


Position of relays:

4 – Bulb monitoring control unit

5 – Bulb monitoring control unit

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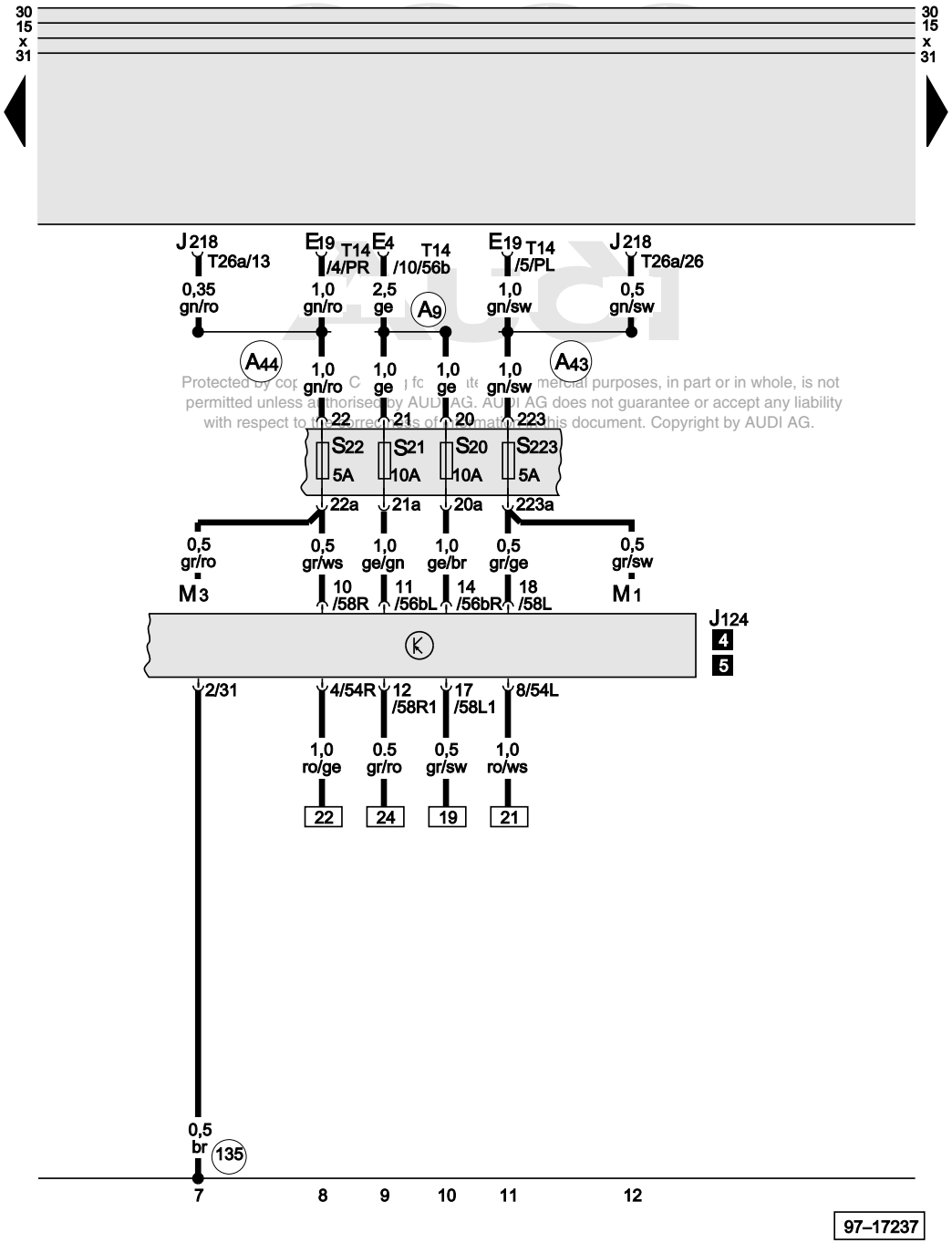


Trailer coupling auto-check system

D	Ignition/starter switch
F	Brake light switch
J124	Bulb monitoring device
J189	Auto-check system
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M25	High level brake light bulb
S5	Fuse in fuse box
S13	Fuse in fuse box
S239	Fuse in fuse box
T5	5-pin connector, on headlight, right
T5a	5-pin connector, on headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T20	20-pin connector, red/white, on bulb monitoring device
V48	Headlight range control motor, left
V49	Headlight range control motor, right
A2	Positive (+) connection (30a), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
*	Models with high-mounted brake light

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rs	=	pink

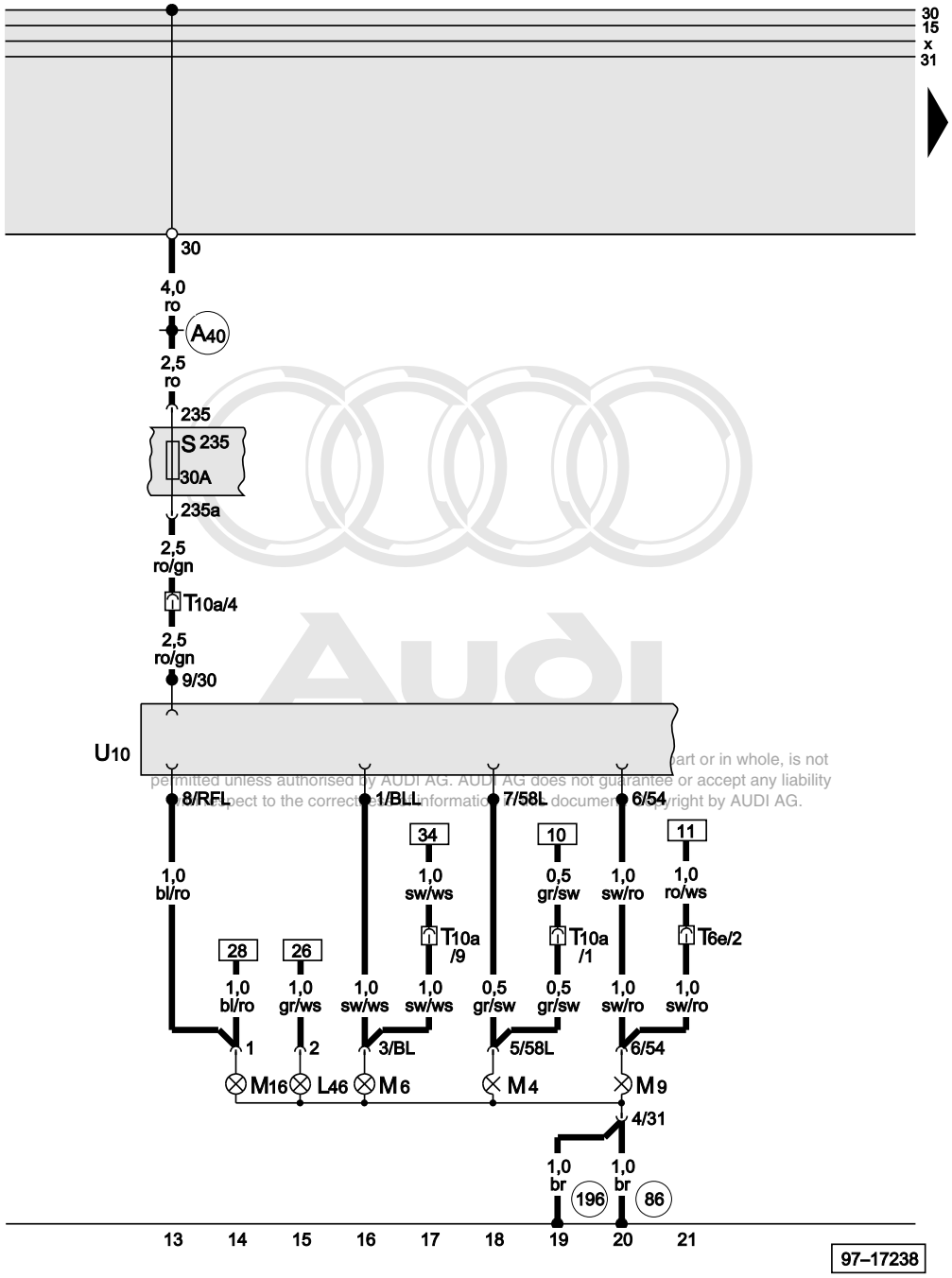


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Trailer coupling auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
J124	Bulb monitoring device
J218	Combi-processor in dash panel insert
M1	Side light bulb, left
M3	Side light bulb, right
S20	Fuse in fuse box
S21	Fuse in fuse box
S22	Fuse in fuse box
S223	Fuse in fuse box
T14	14-pin connector, black, at steering column switch
T26a	26-pin connector, blue, on dash panel insert
A9	Positive (+) connection (56b), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
135	Connection -2-, in dash panel wiring harness

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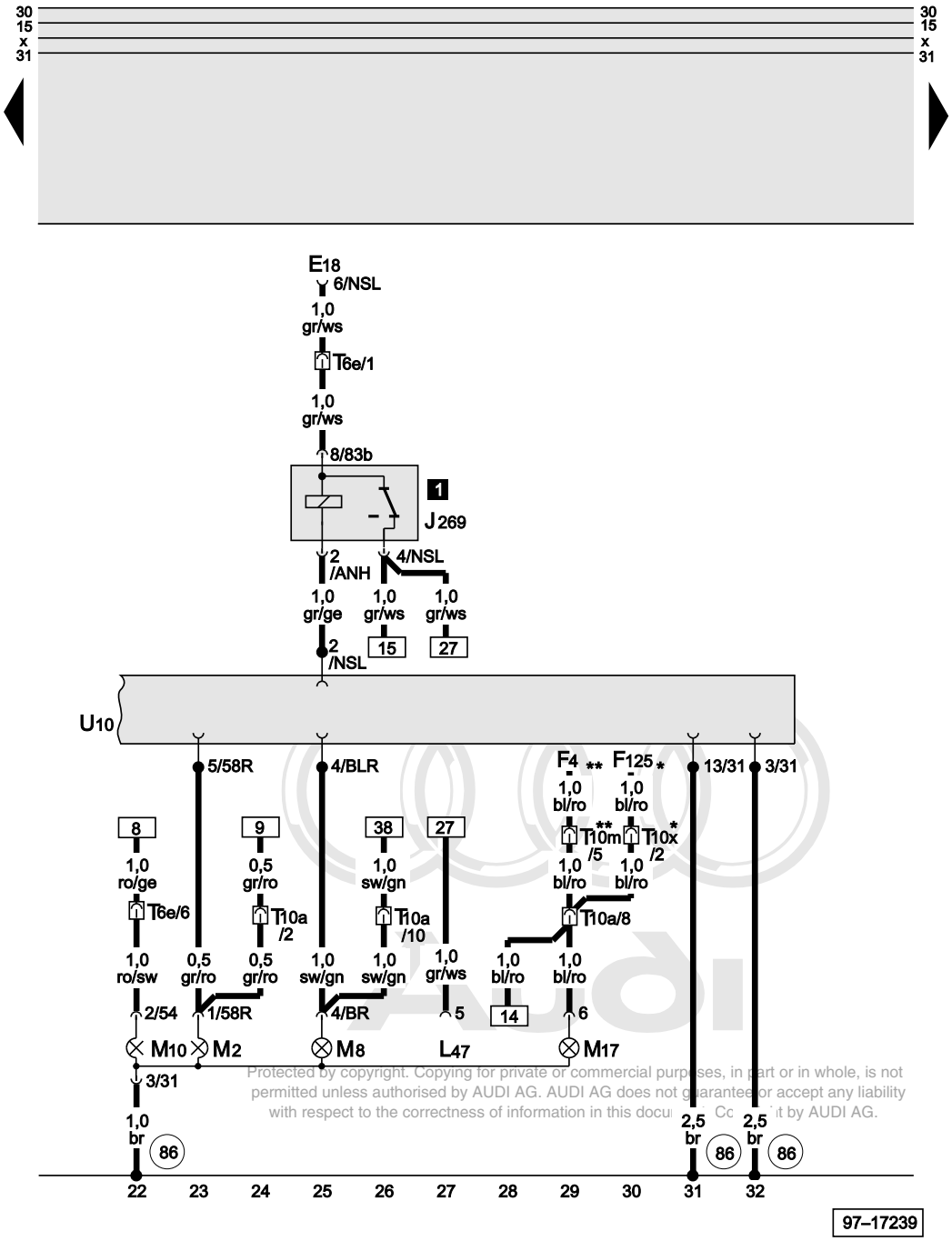


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Trailer coupling auto-check system

L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
S235	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
U10	Trailer socket
A40	Positive (+) connection -1- (30), in dash panel wiring harness
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness

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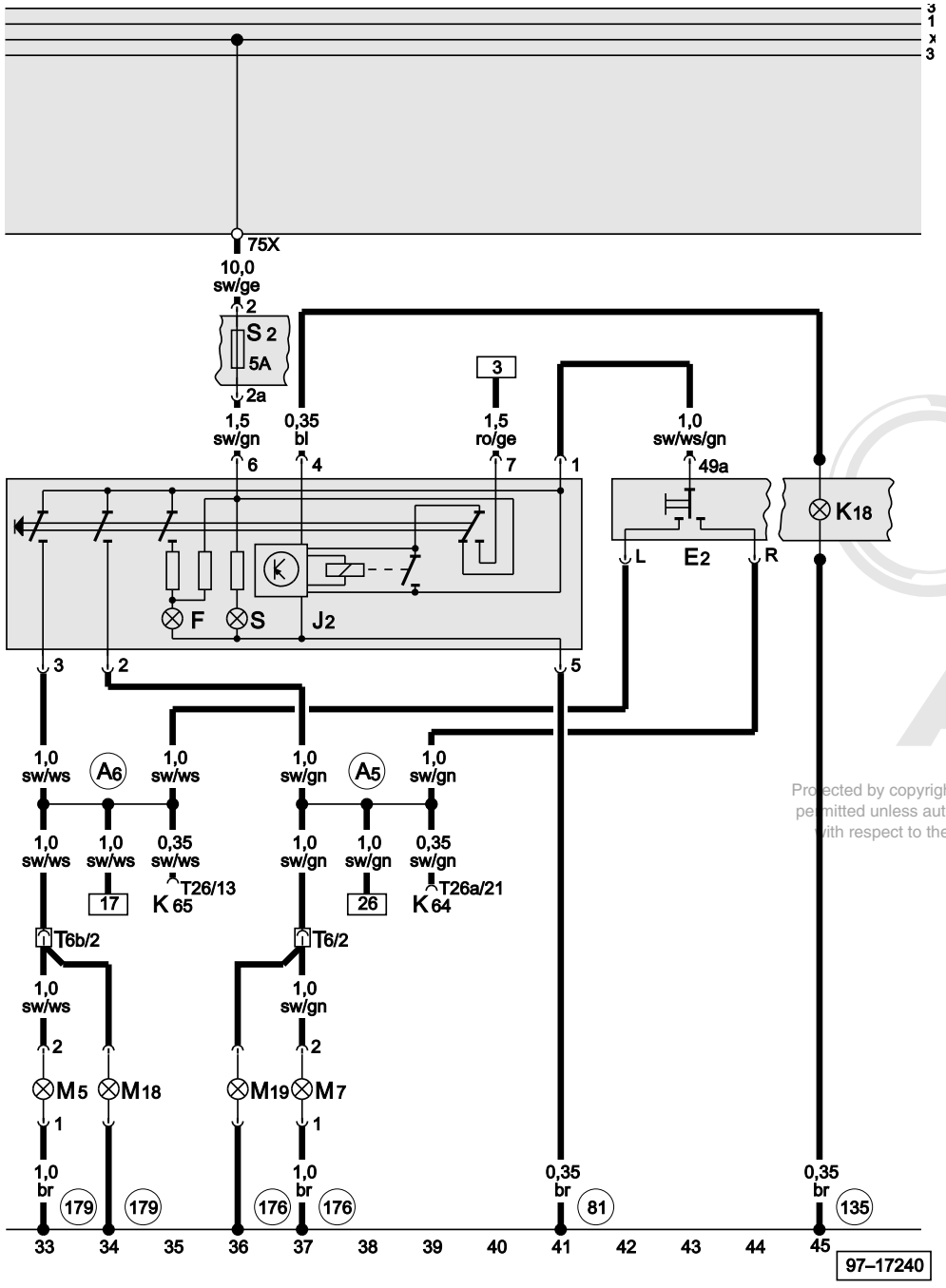


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Trailer coupling auto-check system

E18	Rear fog light switch
F4	Reversing light switch
F125	Multi-function switch
J269	Relay for rear fog light cut-out (trailer)
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T6e	10-pin connector, blue, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	32-pin connector, blue, right connector point, A pillar
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
*	Models with automatic gearbox (only with engines with 110 kW)
**	Models with manual gearbox



Trailer coupling with auto-check system

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp and right turn signal
K65	Left turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M17	Reversing light bulb, right
M18	Side turn signal bulb, left
S2	Fuse in fuse box
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness

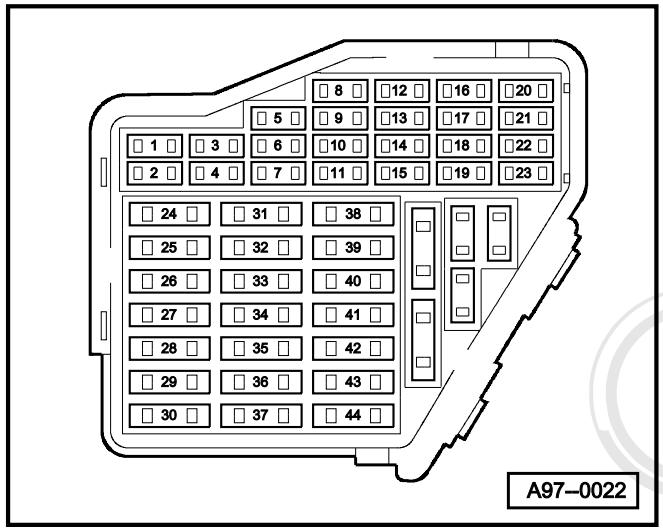
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Ambient temperature and gear display

From December 1994

Fuse box:

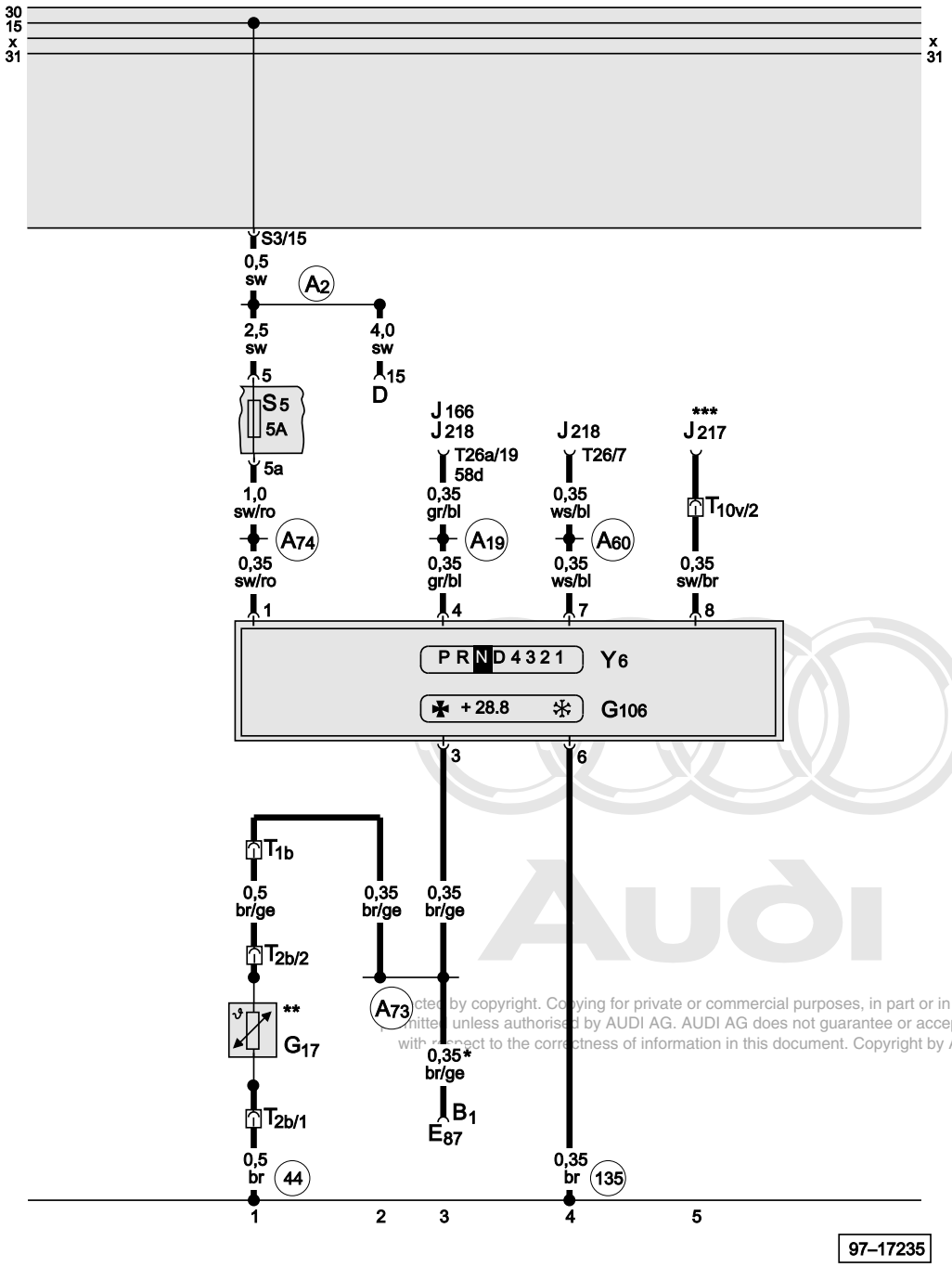


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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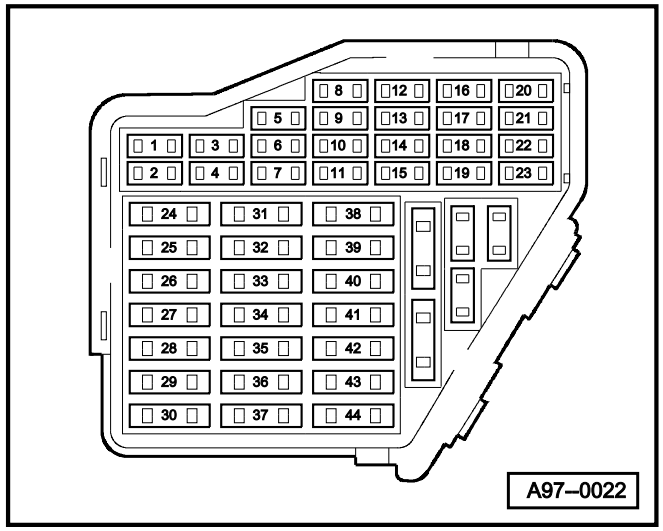
Ambient temperature and gear display

D	Ignition/starter switch
E87	Control and display unit for air conditioner
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J166	Instrument illumination amplifier
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
S5	Fuse in fuse box
T1b	1-pin connector, brown, left connector point, A pillar
T2b	2-pin connector, black, in engine compartment, front
T10v	10-pin connector, brown, right connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y6	Selector lever position indicator
44	Earth point, lower part of left A-pillar
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
*	Only models with air conditioner
**	Only models with manual heating
***	Only models with automatic gearbox

Radio-beta

From December 1994

Fuse box:

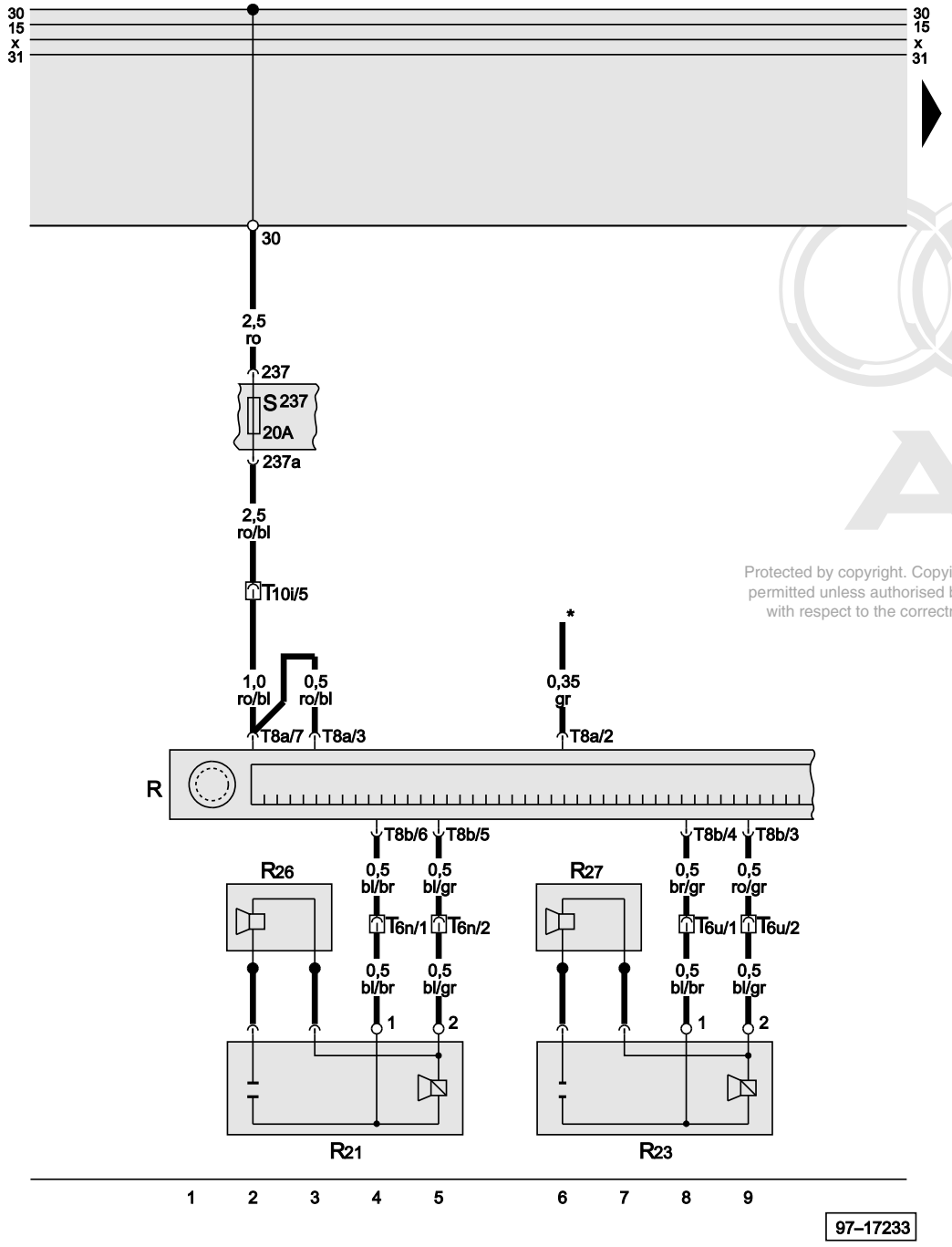


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

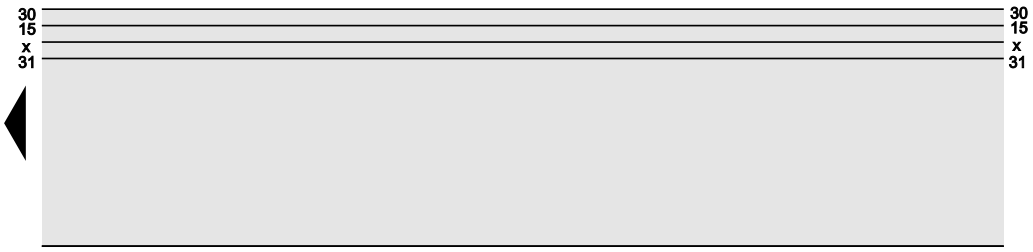


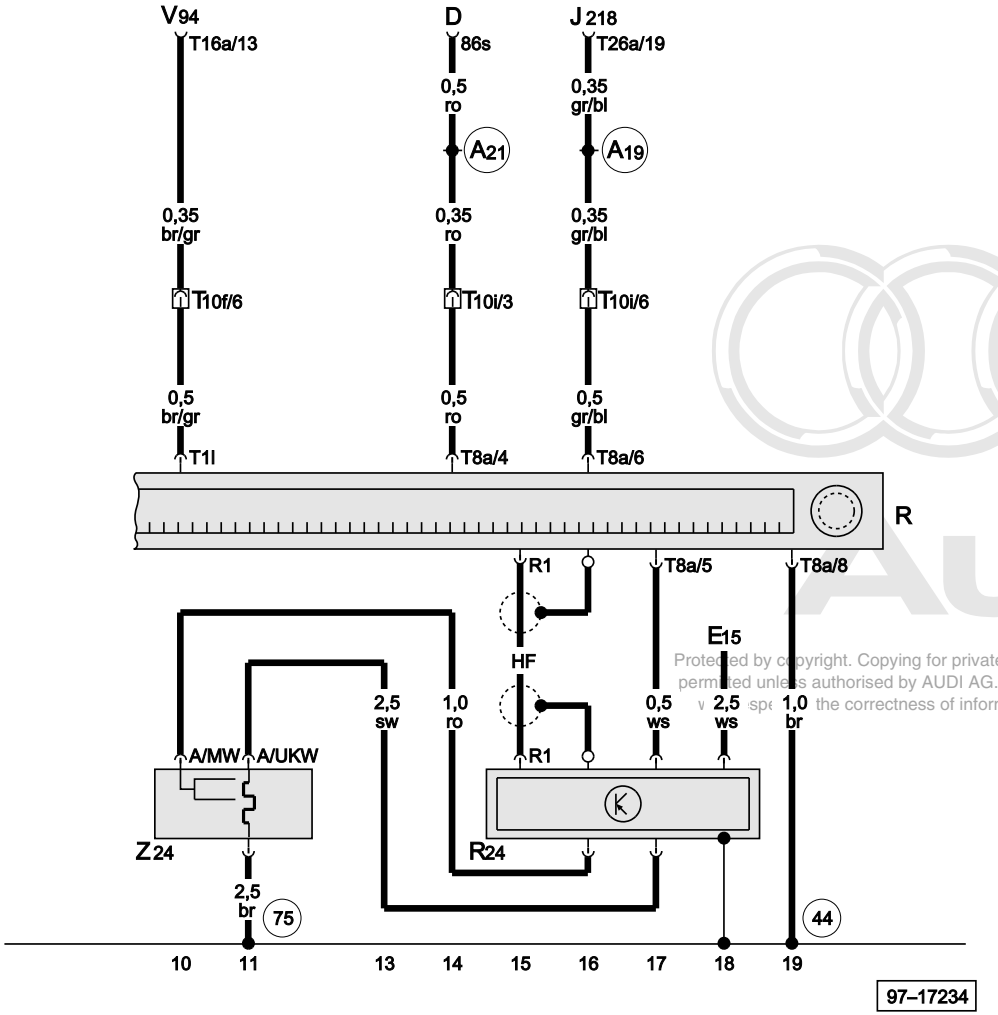
Radio-beta

R	Radio
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front left
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
S237	Fuse in fuse box
T6n	6-pin connector, yellow, left A pillar
T6u	6-pin connector, yellow, right A pillar
T8a	8-pin connector, black, on radio
T8b	8-pin connector, brown, on radio
T10i	10-pin connector, black, in centre console
A19	Connection (58d), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
44	Earth point, lower part of left A pillar
75	Earth point, rear pillar, right
*	Radi muting

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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink





Radio-beta

D	Ignition/starter switch
E15	Heated rear window switch
J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R24	Aerial amplifier
T1l	Single connector, brown, on radio
T8a	8-pin connector, black, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T16a	16-pin connector, connector plug C at V94, luggage compartment, right
T26a	26-pin connector, blue, on dash panel wiring harness
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
Z24	Heated rear window with window aerial

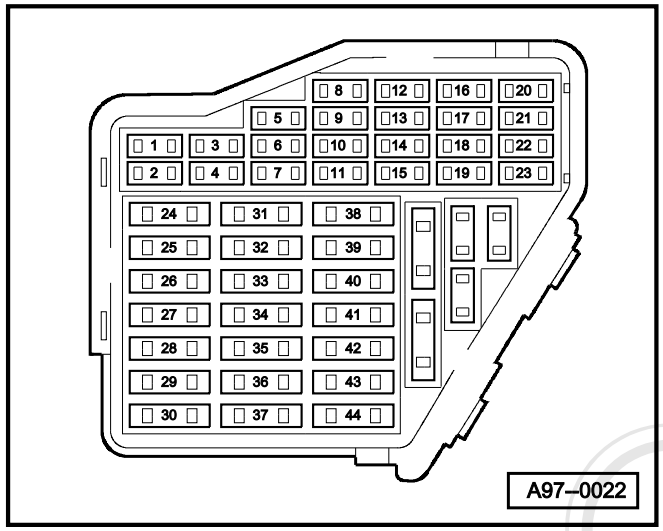
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Additional instruments

From December 1994

Fuse box:

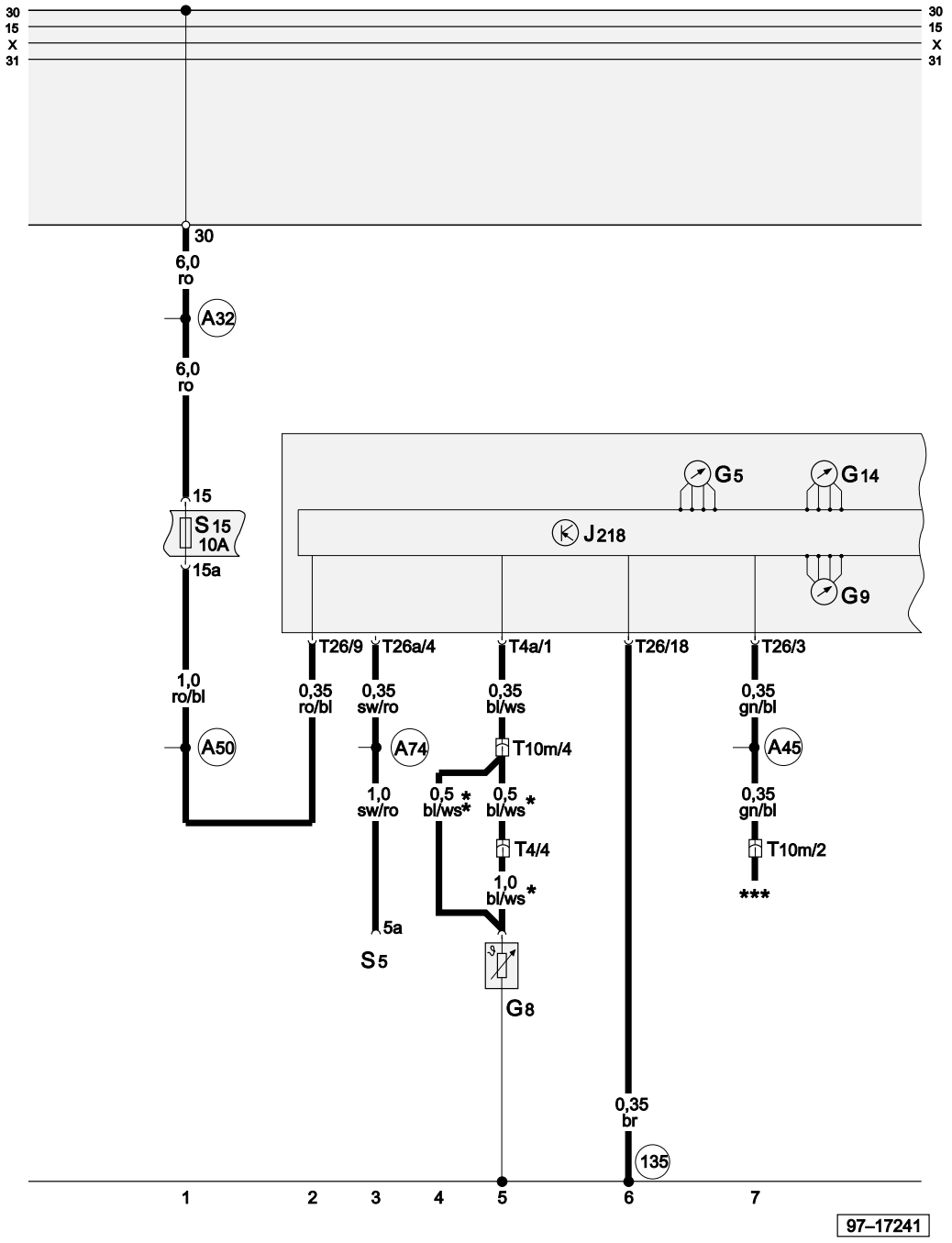


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Additional instruments

G5	Rev. counter
G8	Oil temperature sender
G9	Oil temperature gauge
G14	Voltmeter
J218	Combi-processor in dash panel insert
T4	4-pin connector, black, centre in engine compartment
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with 6 cylinder fuel injection engines
**	Does not apply to 6 cylinder fuel injection engines
***	Engine speed signal (depending on engine version)

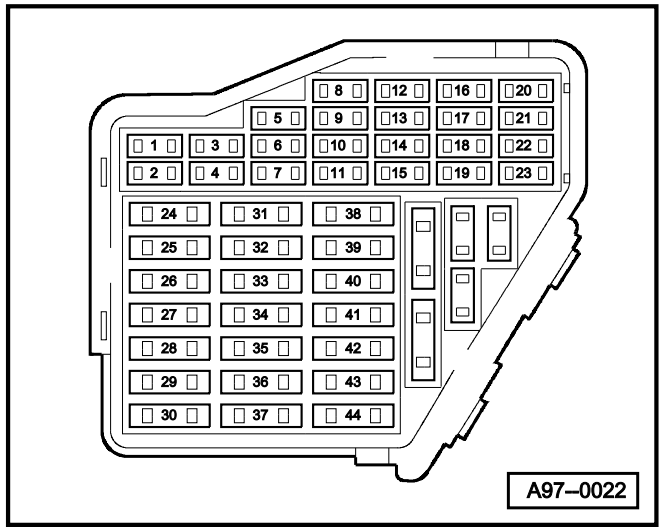
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Audi A4 (2.6 l fuel injection engine, 110 kW, Multi-point injection, 6 cylinders), engine codes ABC

From December 1994

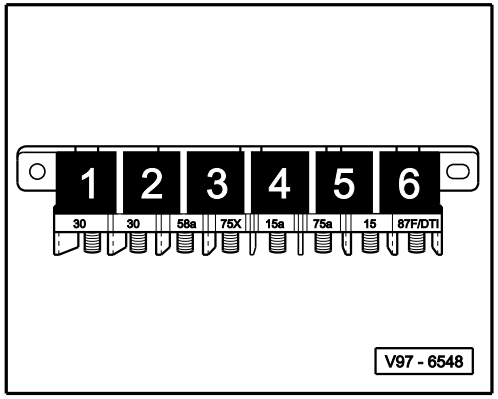
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electric - front side:



Position of relay:

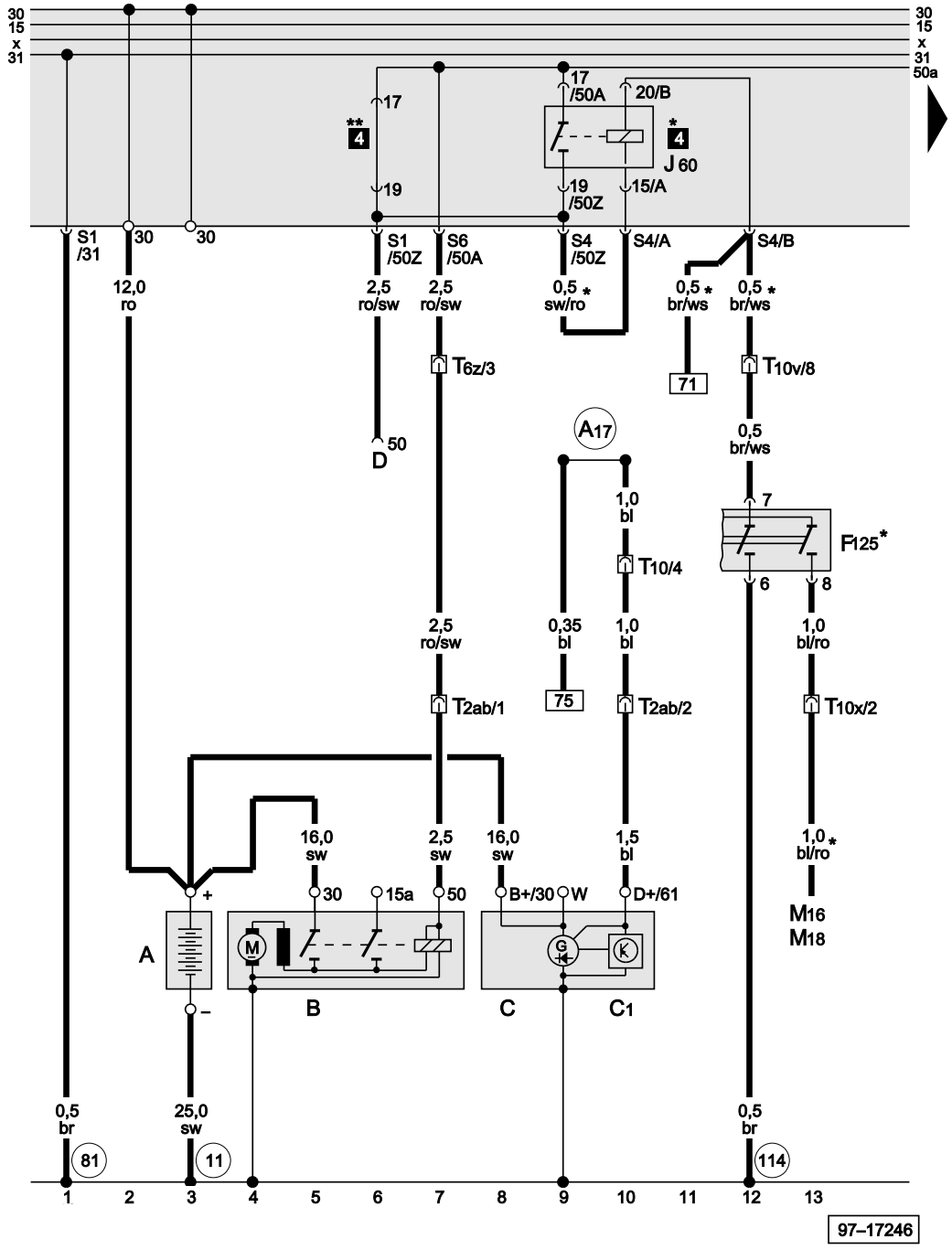
1 - X contact relief relay
2 - Horn relay

3 - Headlight washer system relay
4 - Bridge for manual gearbox
- Relay for automatic gearbox
5 - Automatic intermittent wash/wipe relay
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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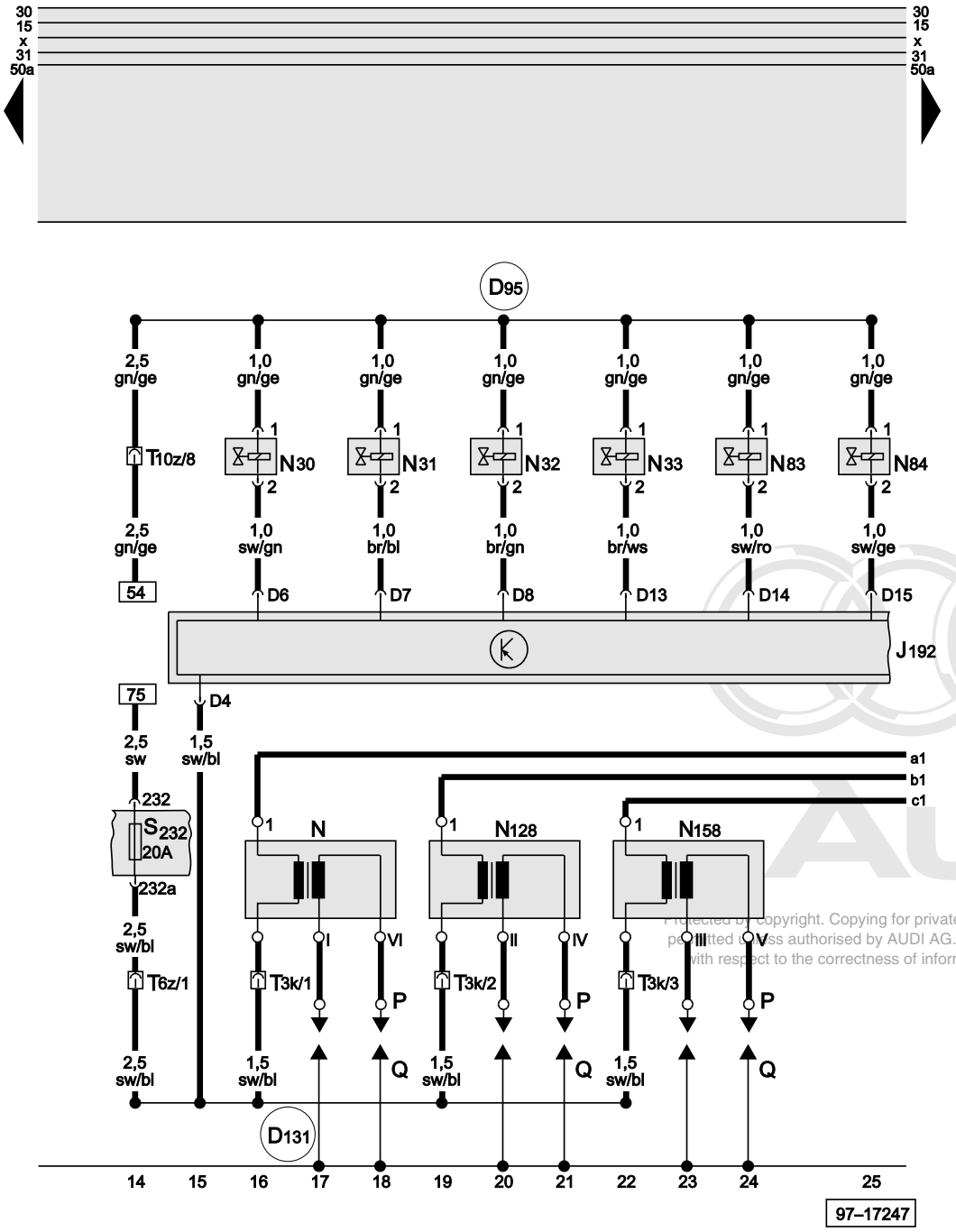


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Automatic gearbox relay
M16	Reversing light bulb, left
M18	Side turn signal bulb, left
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10x	10-pin connector, brown, right connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
A17	Connection (61), in dash panel wiring harness
11	Earth point, in battery box
81	Earth connection -1-, in dash panel wiring harness
114	Earth connection, in automatic gearbox wiring harness
*	Models with automatic gearbox
**	Models with manual gearbox

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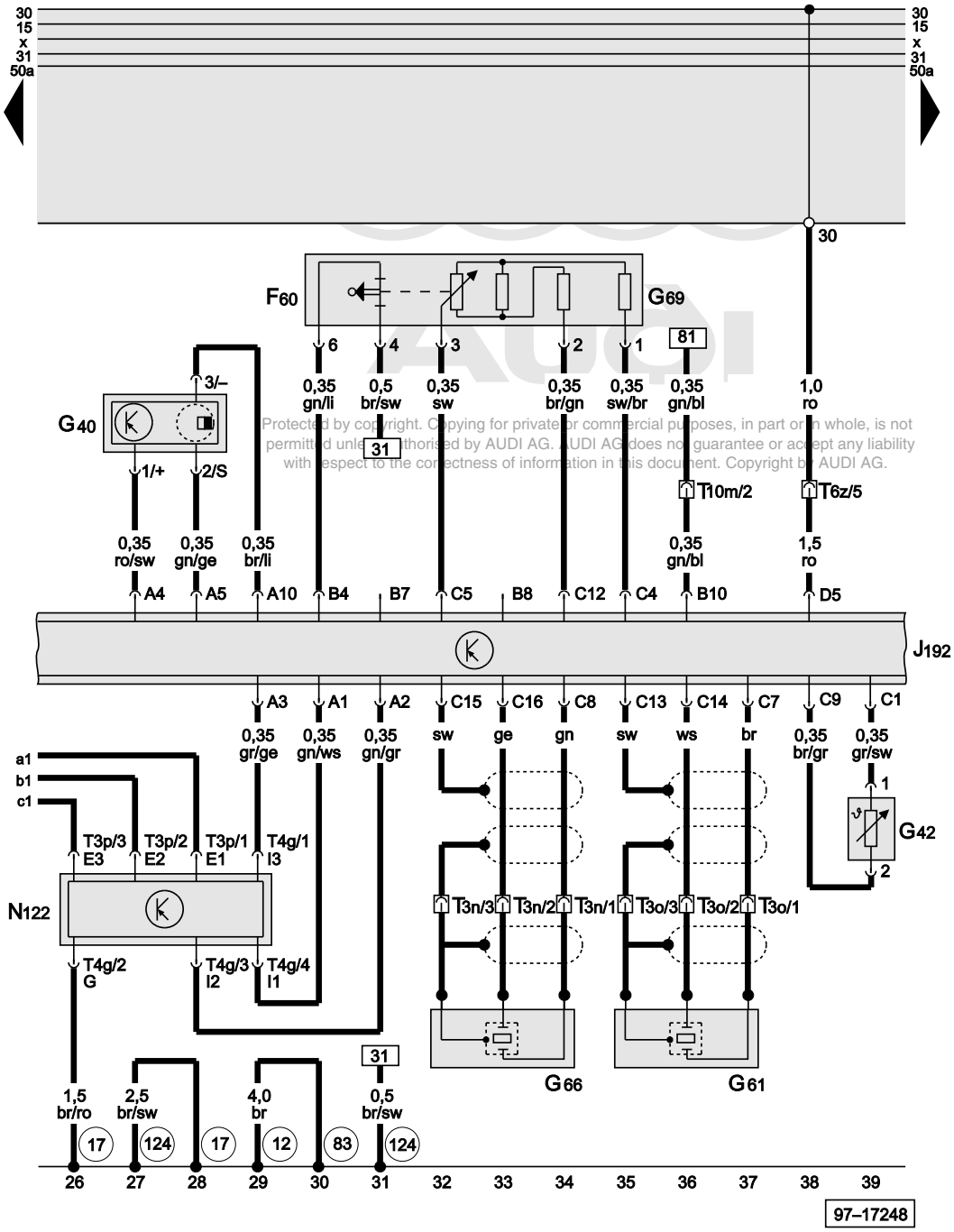


Battery, multi-point injection control unit, ignition system, injectors

J192	Multi-point injection control unit
N	Ignition coil
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
S232	Fuse in fuse box
T3k	3-pin connector, white, in engine compartment left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D95	Connection (injectors), in engine compartment wiring harness
D131	Connection (15) via fuse 232, in engine compartment wiring harness

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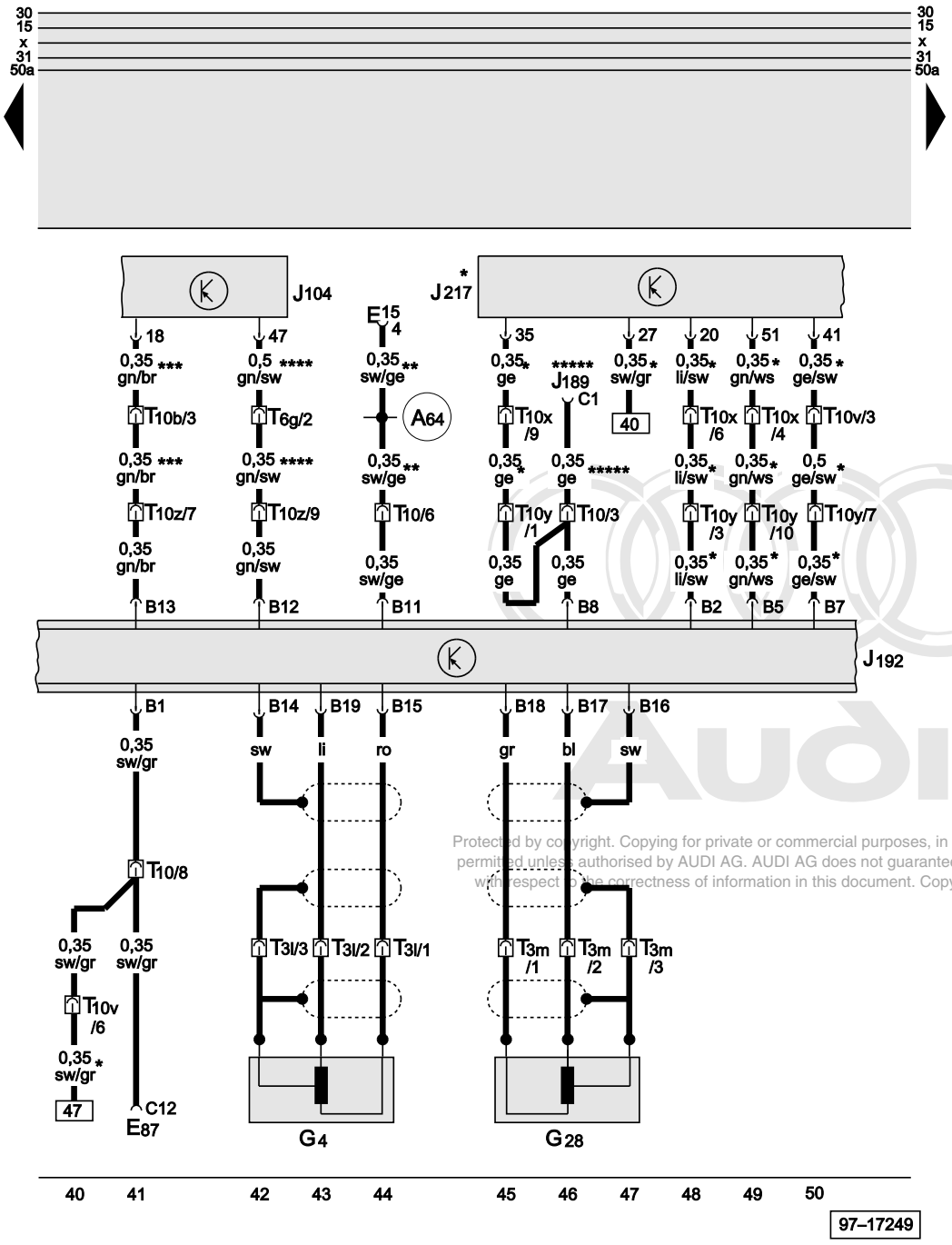


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Battery, multi-point injection control unit, throttle valve potentiometer, hall sender, knock sensors, final output stage for ignition coils

F60	Idling switch
G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor I
G66	Knock sensor II
G69	Throttle valve potentiometer
J192	Multi-point injection control unit
N122	Final output stage
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment
T3p	3-pin connector, green, in engine compartment, left
T4g	4-pin connector, brown, on ignition coil
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
12	Earth point, in engine compartment, left
17	Earth point, on intake manifold
83	Earth connection -1-, in front right wiring harness
124	Earth connection, in engine compartment right wiring harness

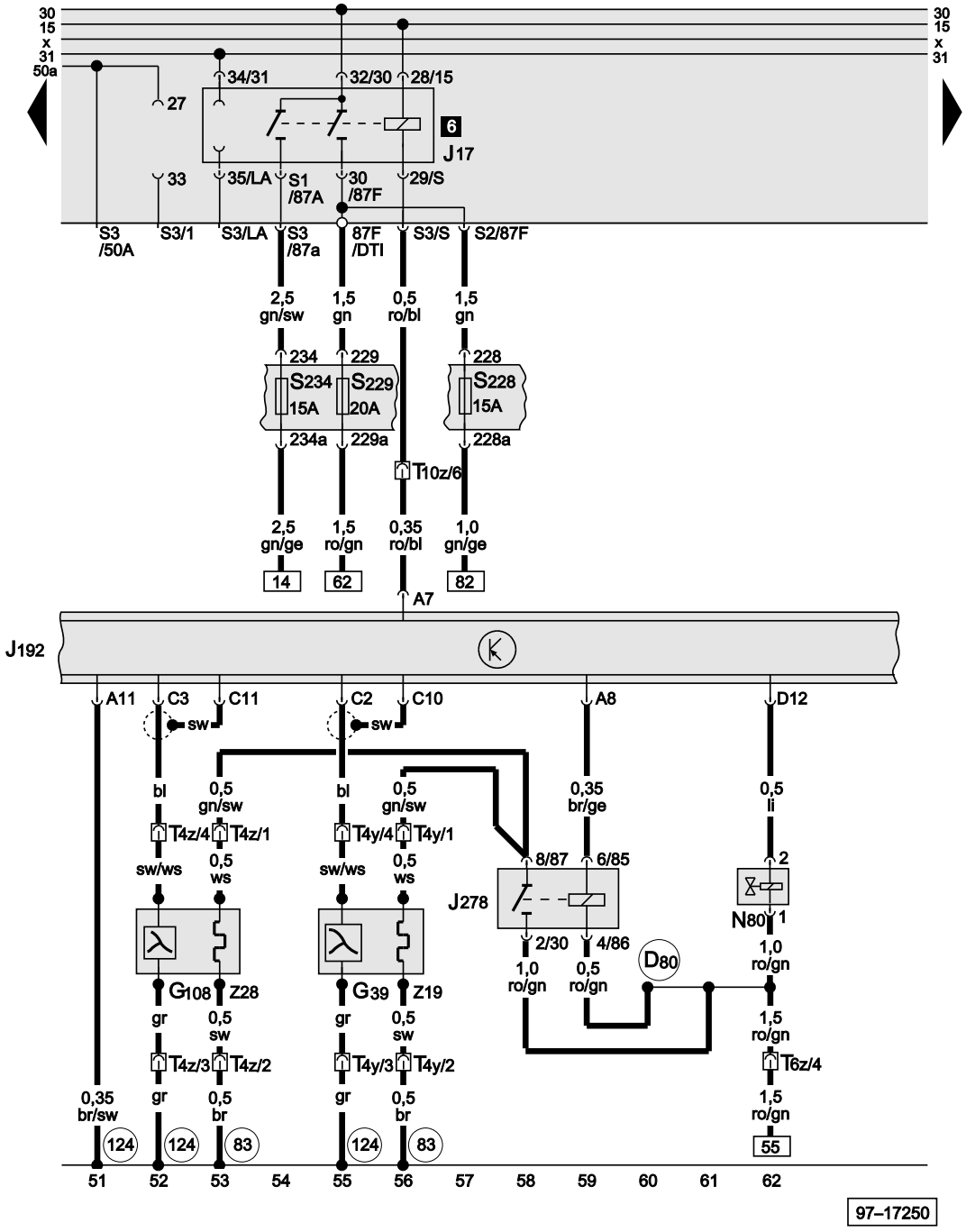


Multi-point injection control unit, firing point sender, engine speed

E15	Heated rear window switch
E87	Control and display unit for air conditioner/Climatronic
G4	Firing point sender
G28	Engine speed sender
J104	ABS with EDL control unit
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
T3l	3-pin connector, black, in engine compartment, left
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, grey, right connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
A64	Connection (30, rpm boost), in dash panel wiring harness
*	Models with automatic gearbox
**	Wire line models with air conditioner
***	Only models with ABS, EDL and TCS
****	Only models with ABS, EDL and TCS (front-wheel drive)
*****	Only models with auto-check system

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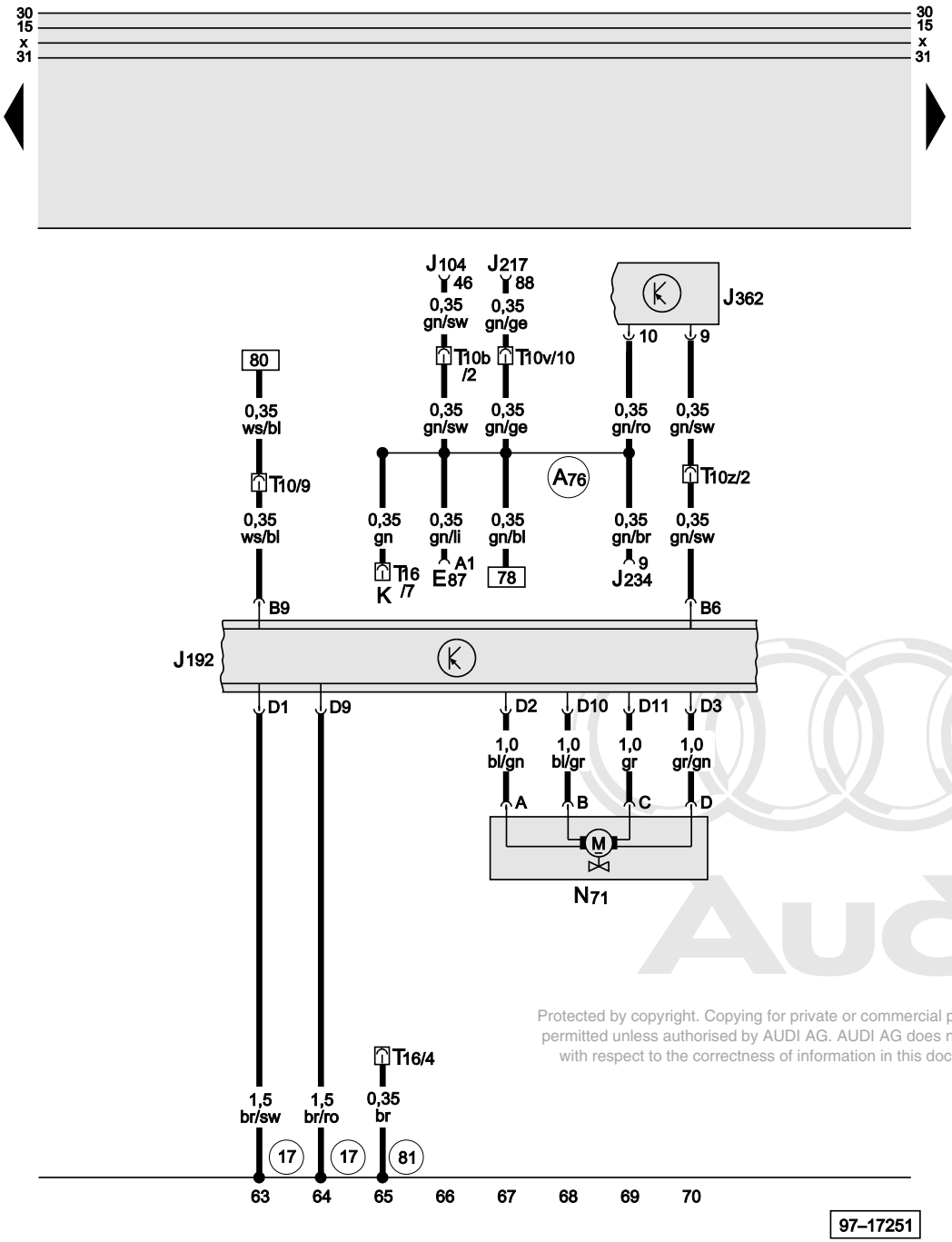


Multi-point injection control unit, fuel pump relay, lambda probes with heating

G39	Lambda probe
G108	Lambda probe II
J17	Fuel pump relay
J192	Multi-point injection control unit
J278	Lambda probe heater
N80	Activated charcoal filter system solenoid valve 1
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z28	Lambda probe II heater
D80	Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
83	Earth connection -1-, in front right wiring harness
124	Earth connection, in engine compartment right wiring harness

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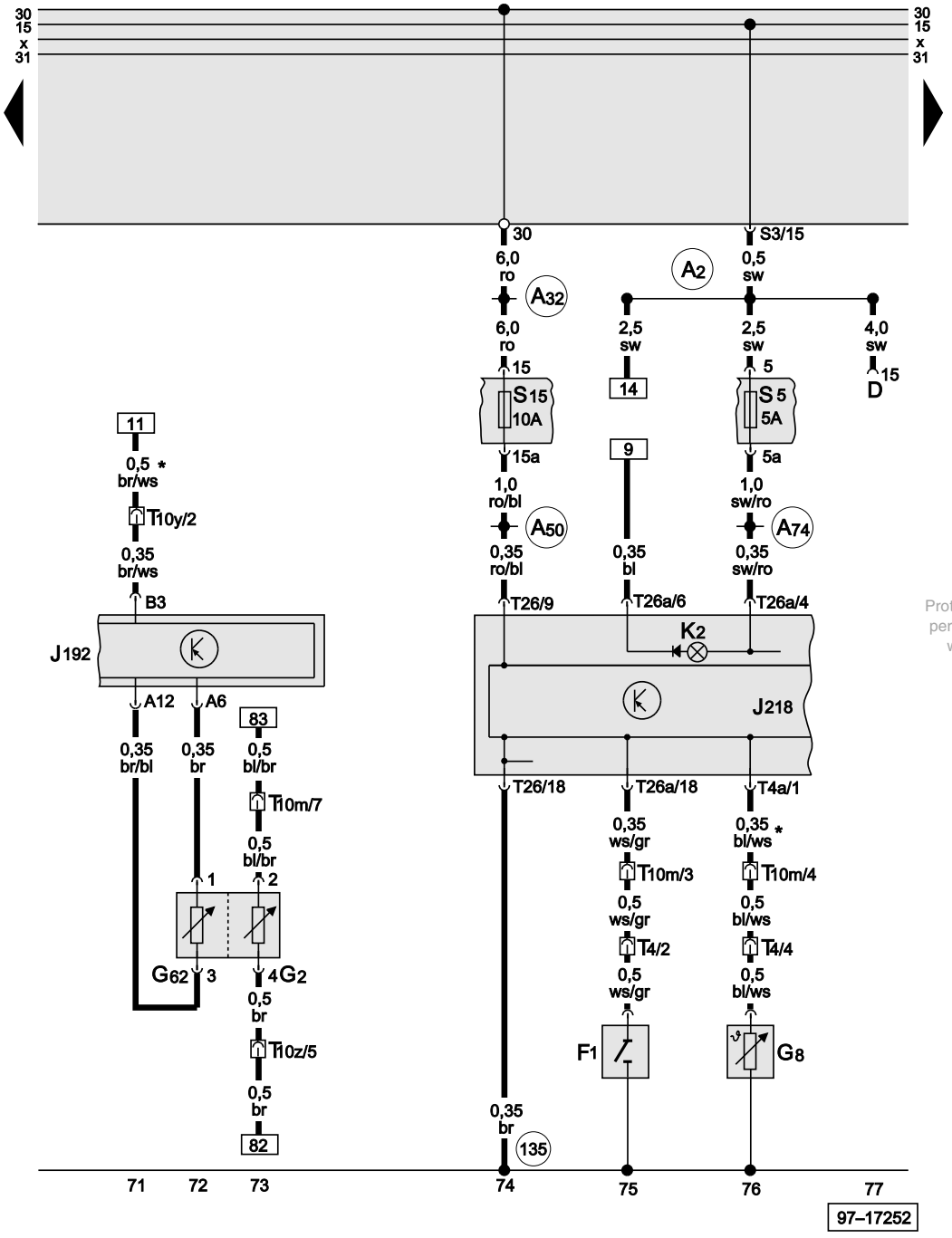


Multi-point injection control unit, diagnostic connector, idling stabilization valve

E87	Control and display unit for air conditioner/Climatronic
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
J362	Immobilizer control unit
N71	Idling stabilization valve
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
A76	Connection (diagnosis wire K), in dash panel wiring harness
17	Earth point, on intake manifold
81	Earth connection -1-, in dash panel wiring harness

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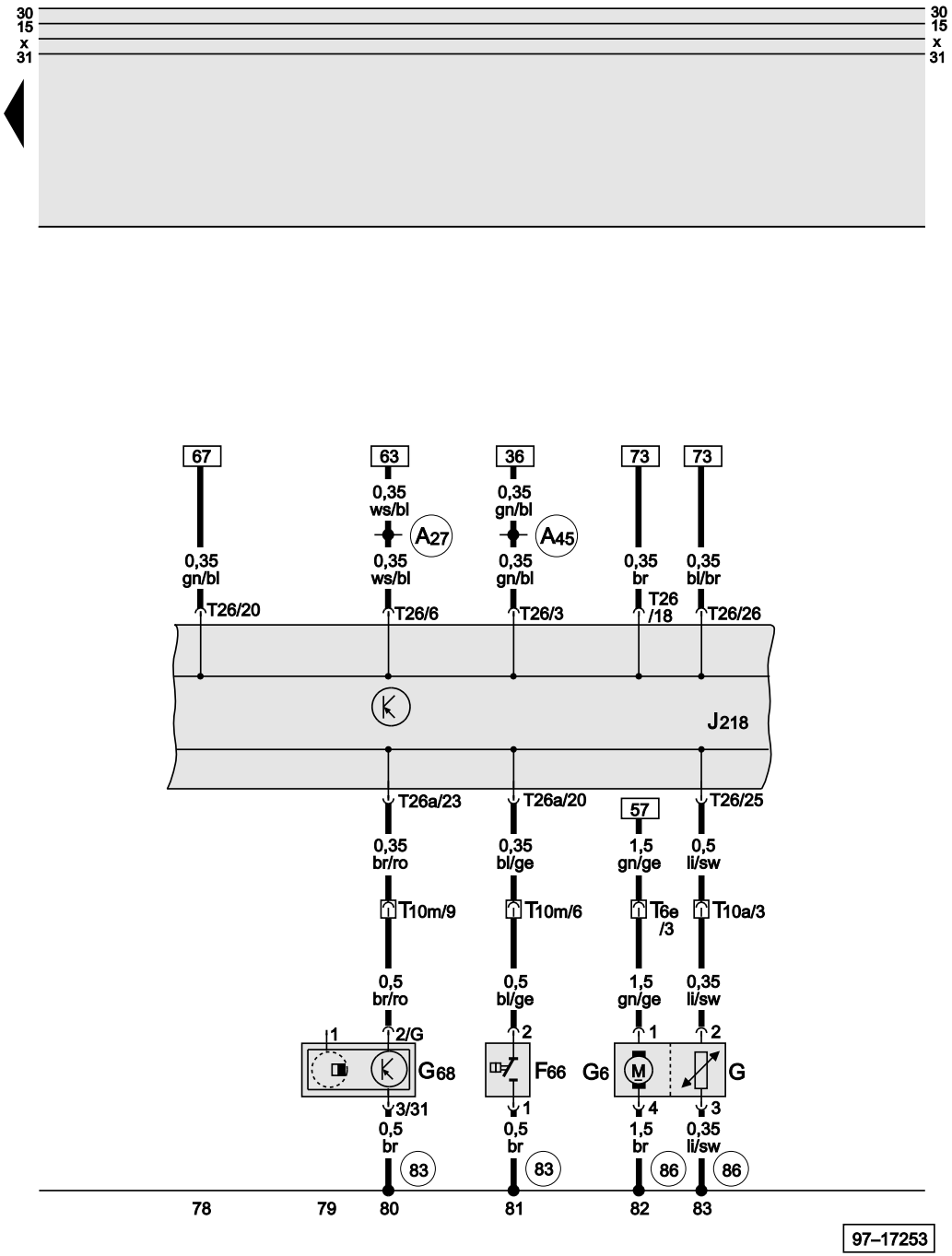


Multi-point injection control unit, dash panel insert, oil pressure switch, coolant temperature sender

D	Ignition/starter switch
F1	Oil pressure switch
G2	Coolant temperature sender
G8	Oil temperature sender
G62	Coolant temperature sender
J192	Multi-point injection control unit
J218	Combi-instruments in dash panel insert
K2	Alternator warning lamp
S5	Fuse in fuse box
S15	Fuse in fuse box
T4	4-pin connector, black, centre in engine compartment
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
*	Models with additional instruments

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Dash panel insert, vehicle speed sender, fuel gauge, fuel pump, coolant shortage indicator

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender
J218	Combi-instruments in dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness

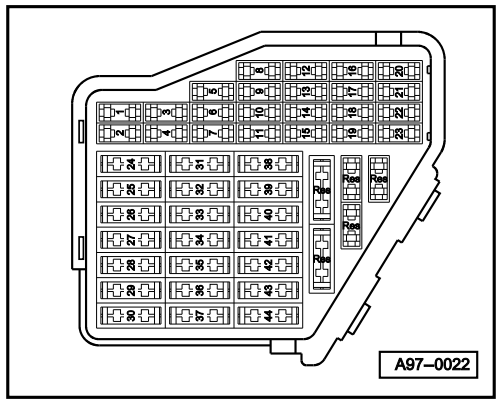
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Taxi

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Fuse box:

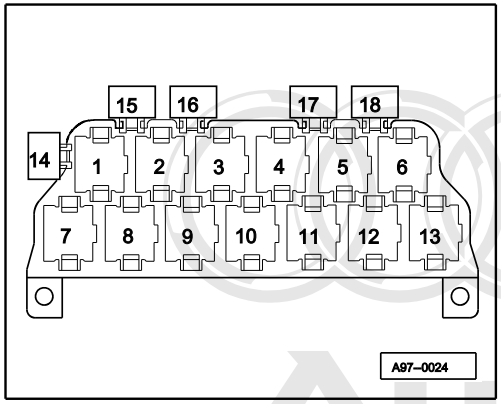


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

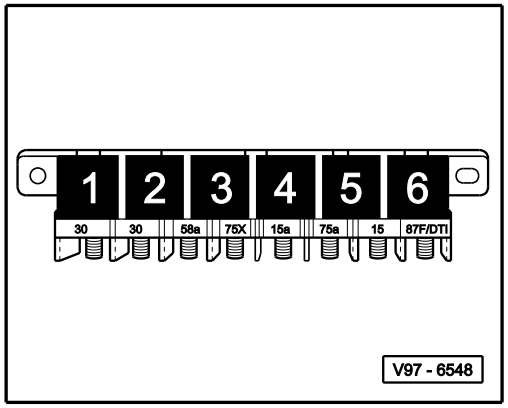
13-point relay carrier



Position of relays:

14 – Fuse (alarm system)
16 – Alarm system control unit
17 – Taximeter fuse
18 – Two-way radio fuse

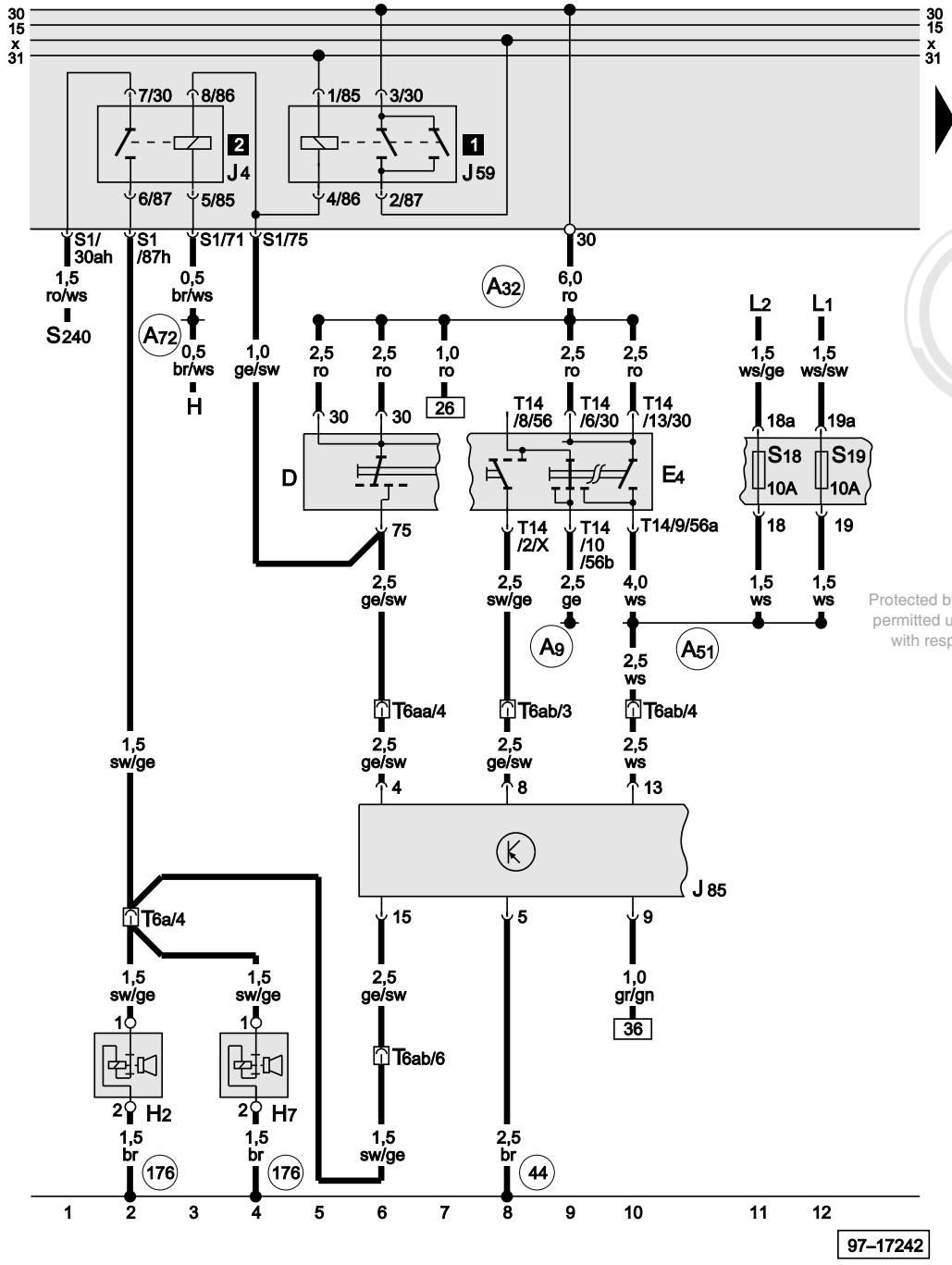
Central electric - front side:



Position of relays:

1 – X contact relief relay
2 – Horn relay

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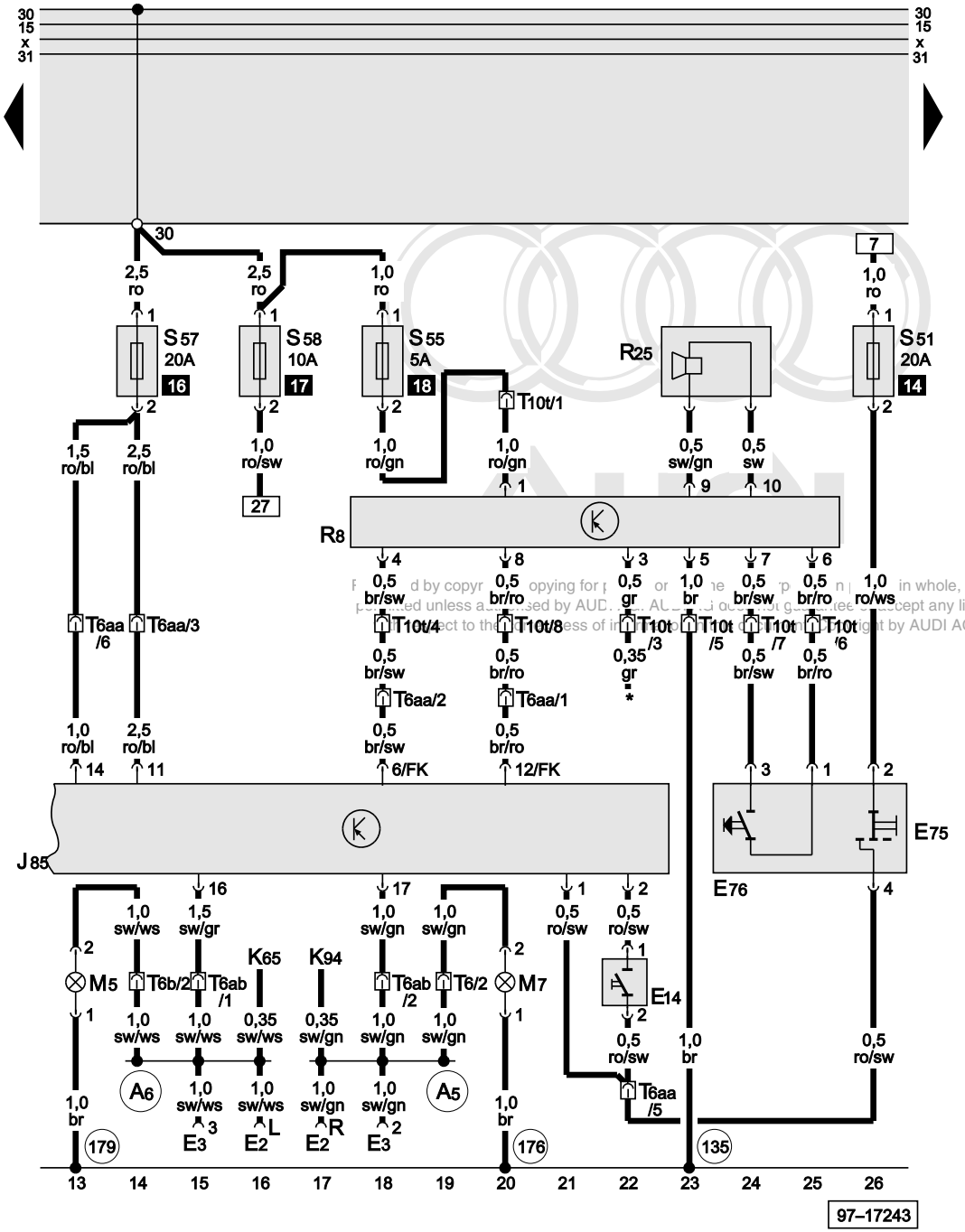


Taxi

D	Ignition/starter switch
E4	Headlight dipper/flasher switch
H	Horn plate
H2	High tone horn
H7	Low tone horn
J4	Dual tone horn relay
J59	X contact relief relay
J85	Alarm system control unit
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
S18	Fuse in fuse box
S19	Fuse in fuse box
S240	Fuse in fuse box
T6a	6-pin connector, red, right connector point, A pillar
T6aa	6-pin connector, dark brown, right connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T14	14-pin connector, black, at steering column switch
A9	Positive (+) connection (56b), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Connection (56), in dash panel wiring harness
A72	Connection (56), in dash panel wiring harness
44	Earth point, lower part of left A-pillar
176	Earth connection, in right headlight wiring harness

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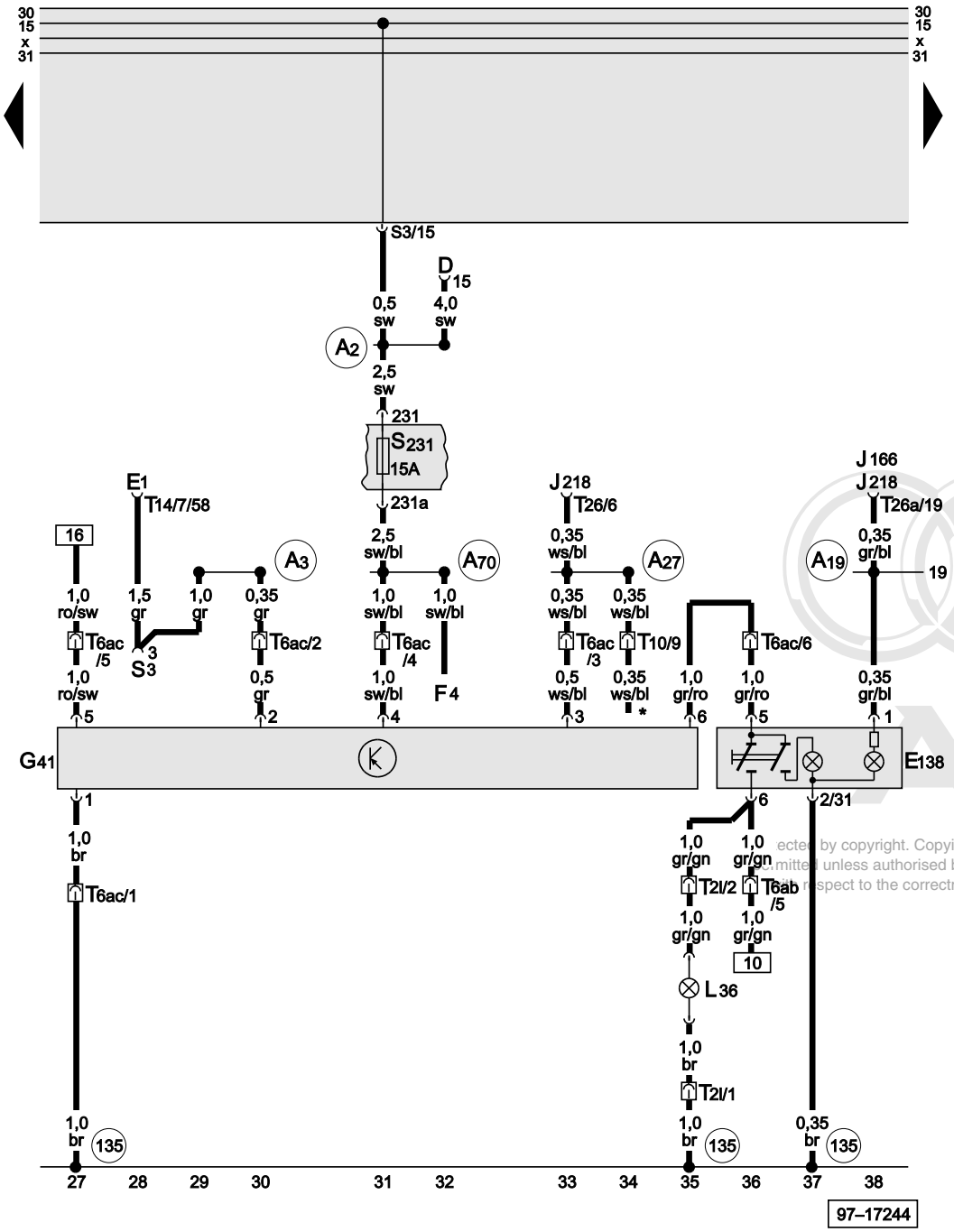


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Taxi

E2	Turn signal switch
E3	Hazard warning light switch
E14	Continuous horn operating switch
E75	Alarm system switch
E76	Two-way radio button
J85	Alarm system control unit
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
R8	Two-way radio
R25	Two-way radio loudspeaker
S51	Fuse (alarm system)
S55	Two-way radio fuse
S57	Alarm system fuse
S58	Taxi roof sign bulb fuse
T6	6-pin connector, yellow, right connector point, A pillar
T6aa	6-pin connector, dark brown, right connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10t	10-pin connector, yellow, near fuse carrier
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
*	Radio muting

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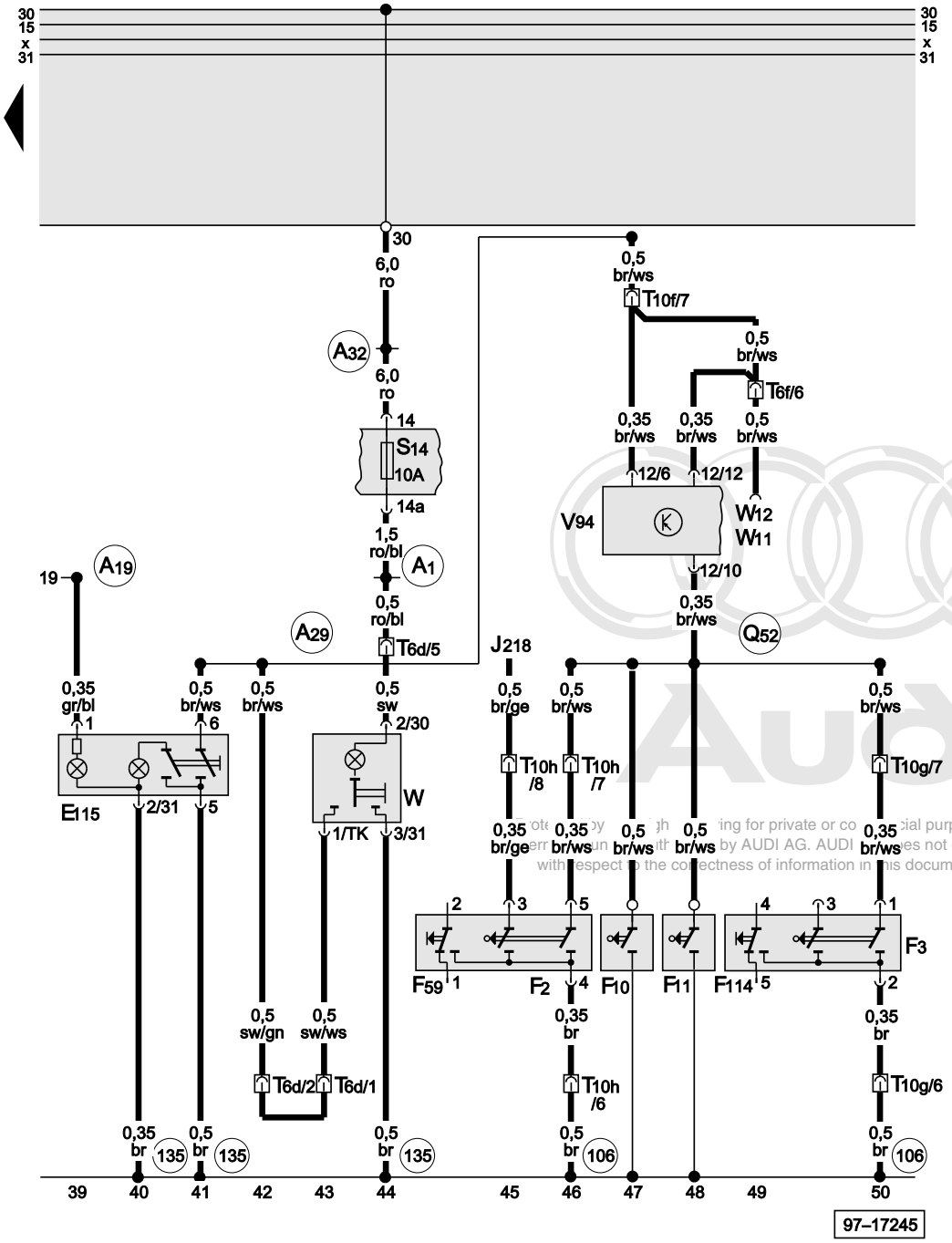


Taxi

D	Ignition/starter switch
E1	Lighting switch
E138	Taxi sign switch
F4	Reversing light switch
G41	Taximeter
J166	Instrument illumination amplifier
J218	Combi-processor in dash panel insert
L36	Rear fog light bulb, left
S3	Fuse in fuse box
S231	Fuse in fuse box
T2l	2-pin connector, yellow, left connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T6ac	6-pin connector, yellow, behind the centre console
T10	10-pin connector, brown, electronics box, plenum chamber
T14	14-pin connector, black, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Engine speed signal (depending on engine version)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Taxi

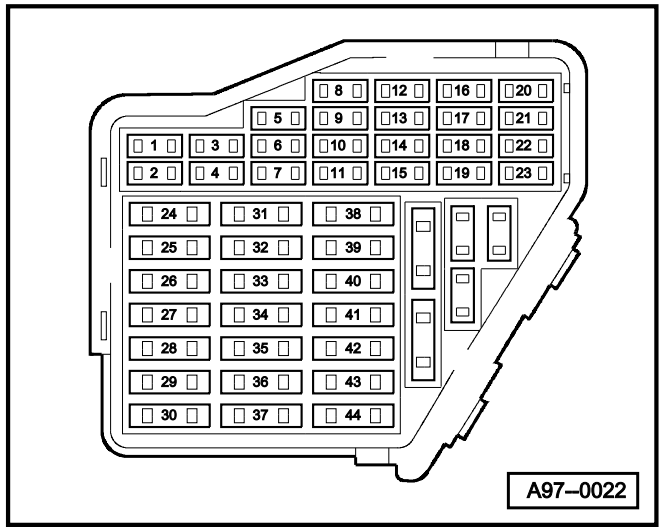
E115	Interior light switch (taxi)
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
F59	Tailgate/boot lid central locking switch (driver's side)
F114	Tailgate/boot lid central locking switch (front passenger's side)
J218	Combi-processor in dash panel insert
S14	Fuse in fuse box
T6d	6-pin connector, dark brown, left connector point, A pillar
T6f	6-pin connector, orange, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
A1	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
135	Earth connection -2-, in dash panel wiring harness

Audi
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Trailer coupling

From December 1994

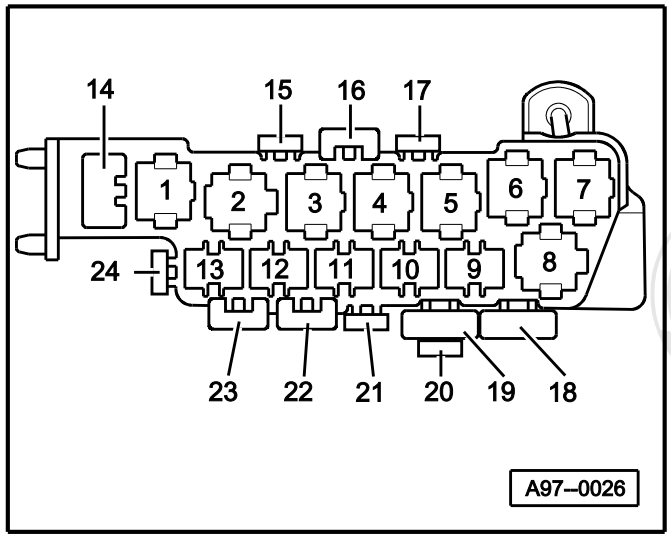
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-polige relay carrier



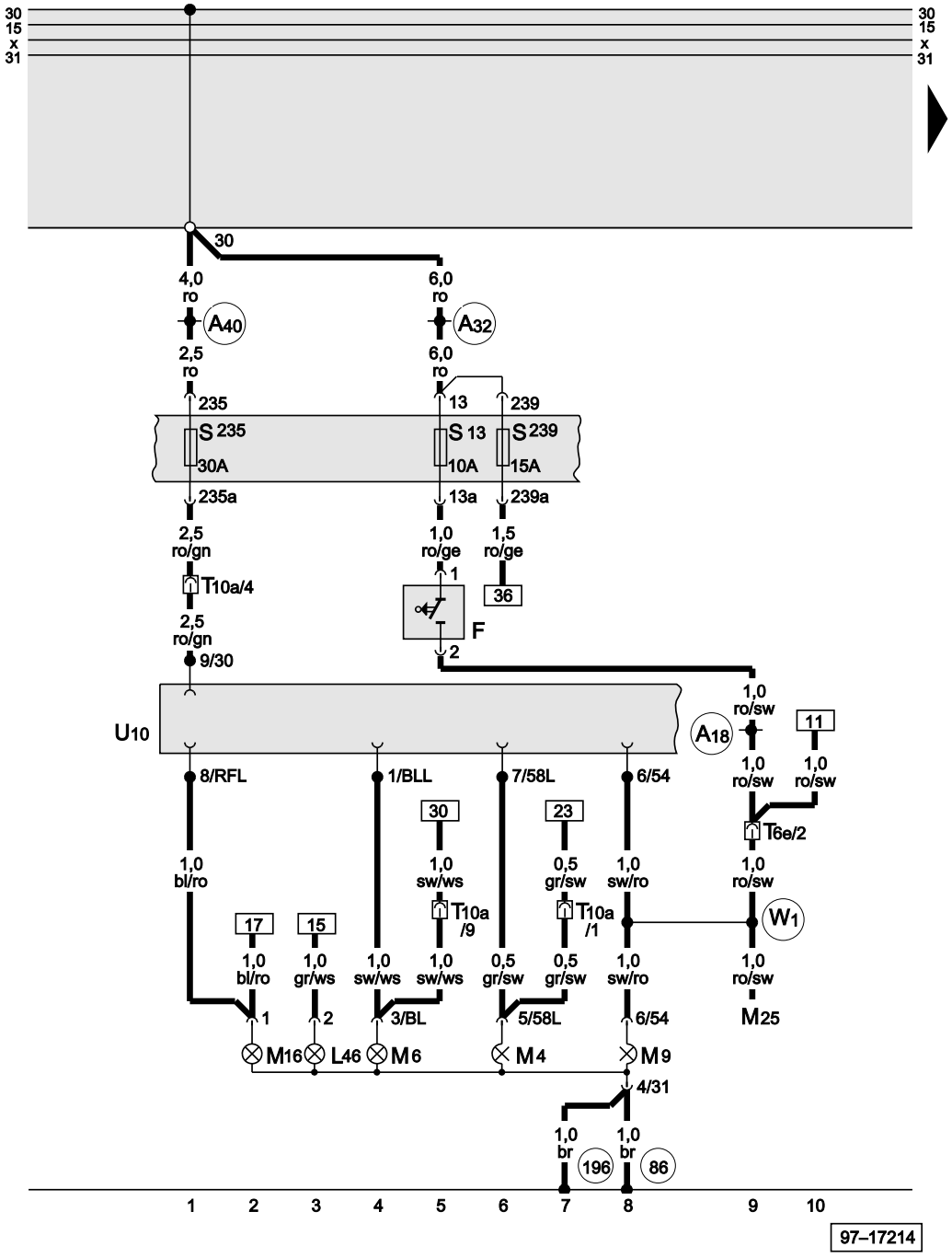
Position of relays:

1 - Relay rear fog light cut-out

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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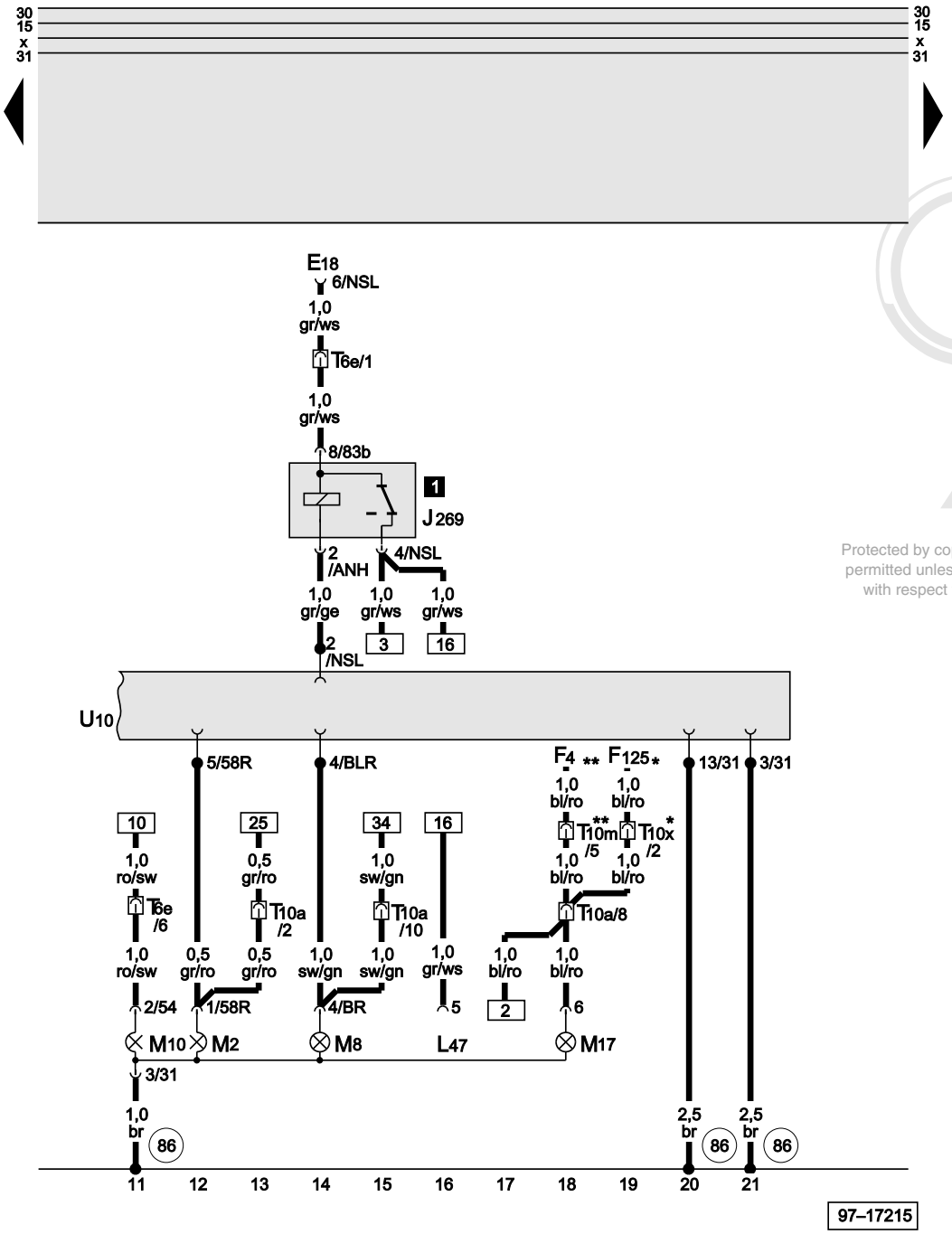


Trailer coupling

F	Brake light switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
S13	Fuse in fuse box
S235	Fuse in fuse box
S239	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T10a	6-pin connector, brown, left connector point, A pillar
U10	Trailer socket
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
W1	Positive (+) connection (54), in rear wiring harness
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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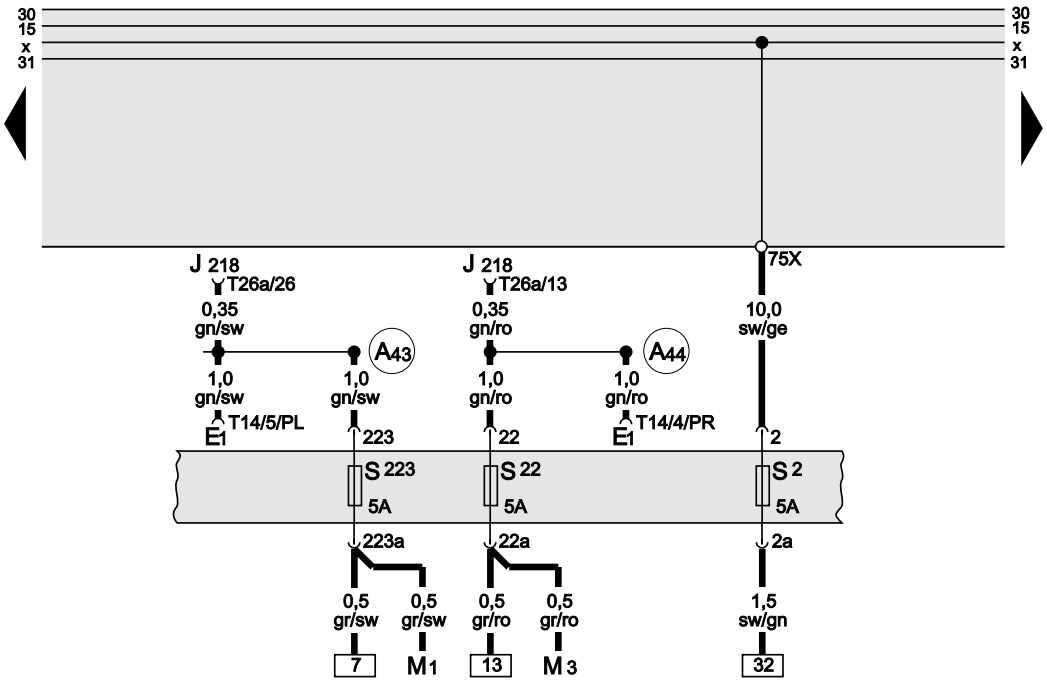


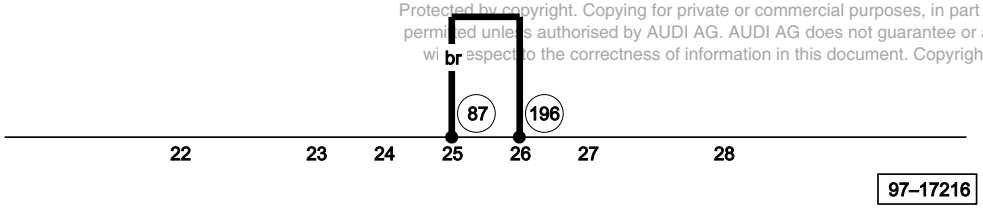
Trailer coupling

E18	Rear fog light switch
F4	Reversing light switch
F125	Multi-function switch
J269	Relay rear fog light cut-out
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, brown, right connector point, A pillar
86	Earth connection -1-, in rear wiring harness
*	Models with automatic gearbox (6-cylinder engines)
**	Models with manual gearbox

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink





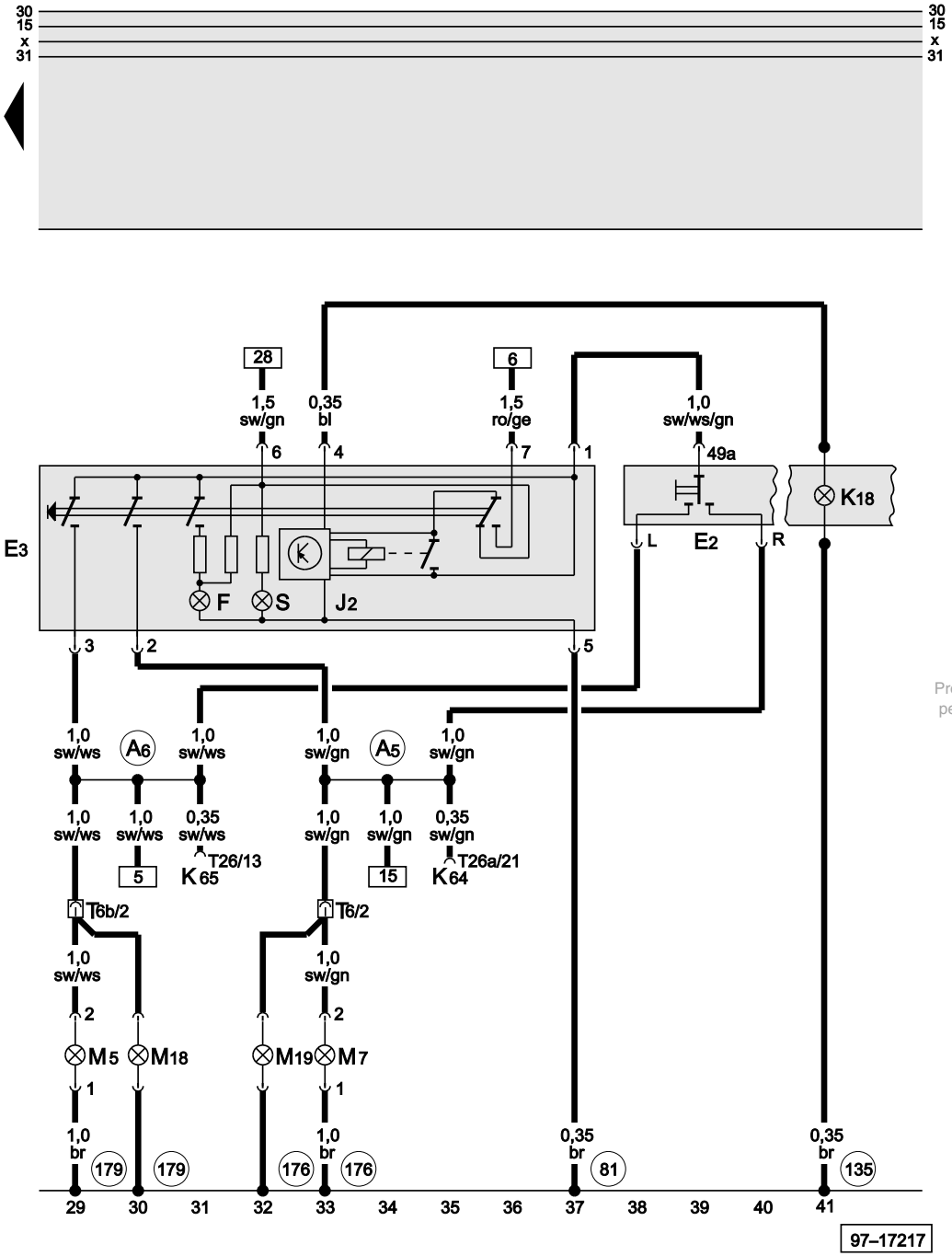
97-17216

Trailer coupling

E1	Lighting switch
J218	Combi-processor in dash panel insert
M1	Side light bulb, left
M3	Side light bulb, right
S2	Fuse in fuse box
S22	Fuse in fuse box
S223	Fuse in fuse box
T14	14-pin connector, black, at steering column switch
T26a	26-pin connector, blue, on dash panel insert
A43	Connection (57L), in dash panel insert
A44	Connection (57R), in dash panel insert
87	Earth connection -2-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Trailer coupling

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness

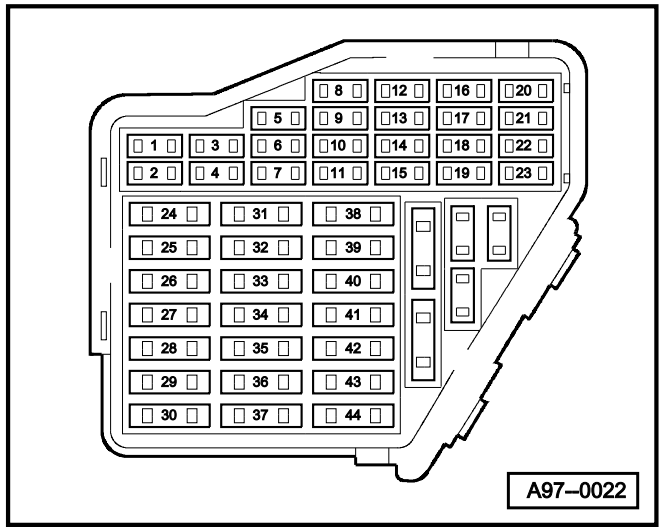
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ge	=	yellow
or	=	orange
rs	=	pink

Airbags for driver's seat and front passenger's seat with belt tensioners

From December 1994

Fuse box:

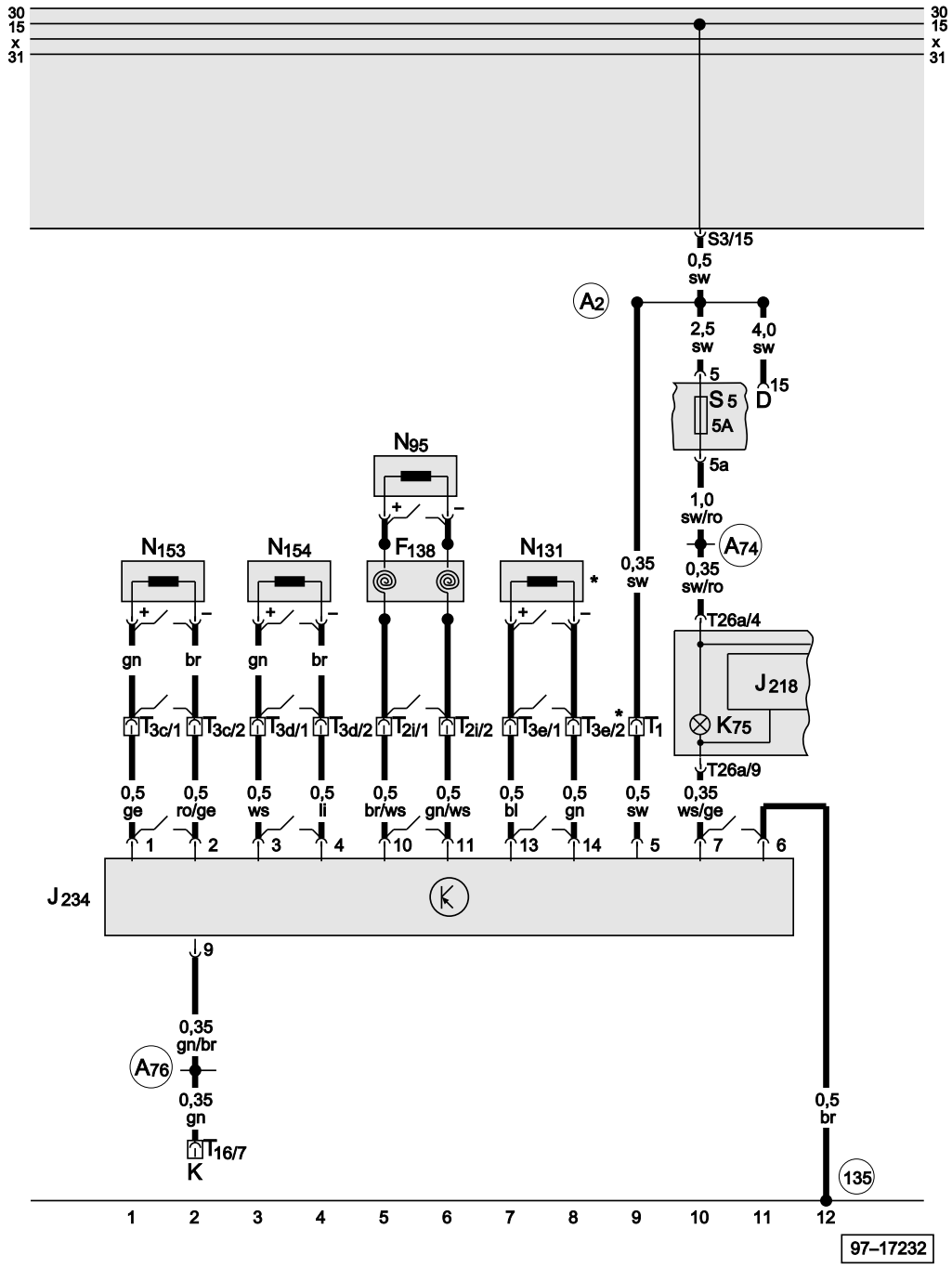


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Airbags

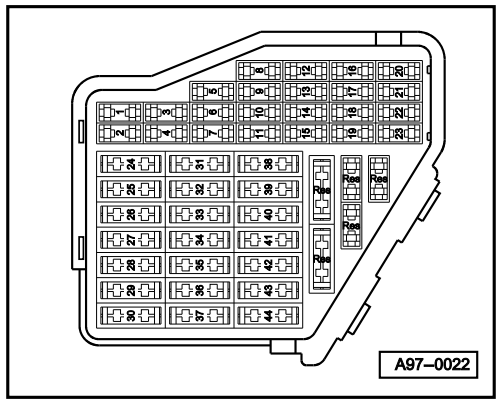
D	Ignition/starter switch
F138	Airbag coil connector, return spring with slip ring
J218	Combi-processor in dash panel insert
J234	Airbag control unit
K75	Airbag warning lamp
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
N153	Belt tensioner igniter -1-, driver's side
N154	Belt tensioner igniter -2-, front passenger's side
S5	Fuse in fuse box
T1	1-pin connector, red, near heater blower
T2i	2-pin connector, red, behind dash panel, left
T3c	3-pin connector, left connector point, A pillar
T3d	3-pin connector, right connector point, A pillar
T3e	3-pin connector, behind dash panel, centre
T16	16-pin connector, (diagnosis connection) in centre console rear
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Only models with passenger's airbags
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged

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Audi A4 (1.9 l turbo- diesel TDI, 66 kW, 4- cylinder), engine codes 1Z

From December 1994

Fuse box:

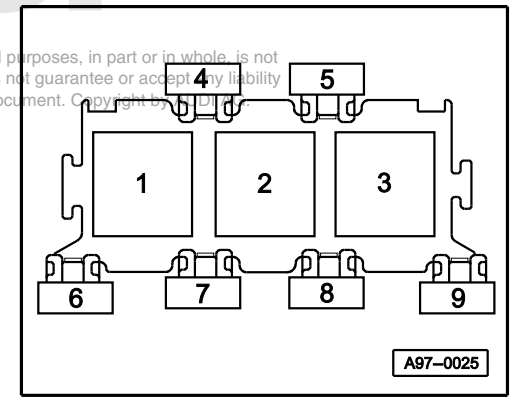


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

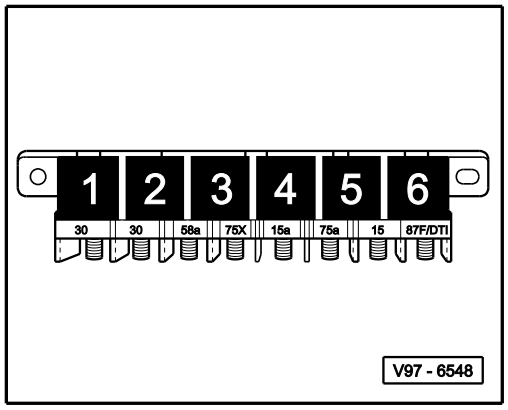
3-polige relay carrier (electronics box):



Positions of relays:

1 – Relay I for coolant heater elements
2 – Relay II for coolant heater elements
3 – Relay for diesel direct injection system
6 - Fuse for engine electrics
7 – Fuse I for coolant heater elements
8 – Fuse II for coolant heater elements
9 – Fuse for glow plugs

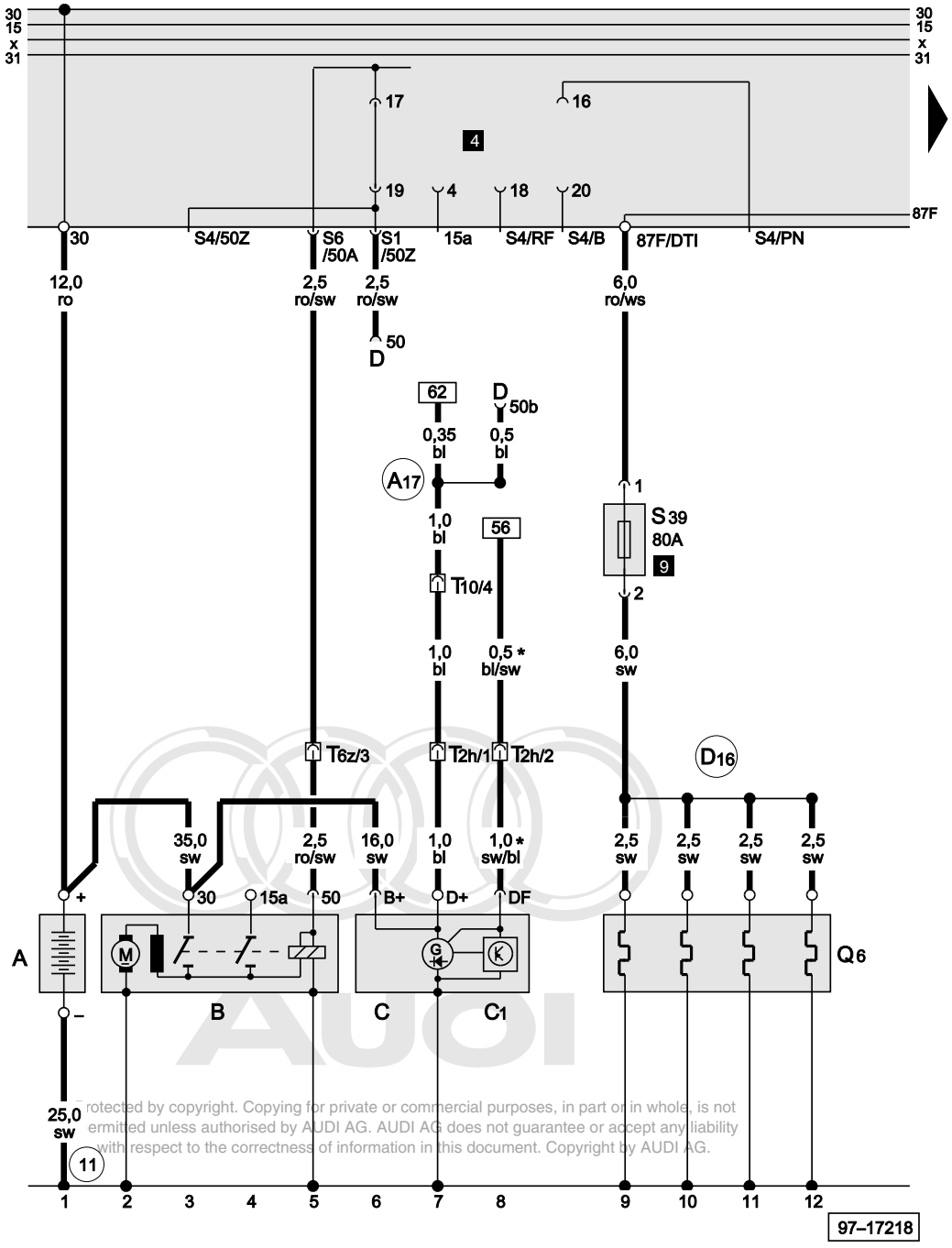
Central electrics - front side:



Position of relays:

4 – Bridge for manual gearbox
6 – Relay for glow plugs

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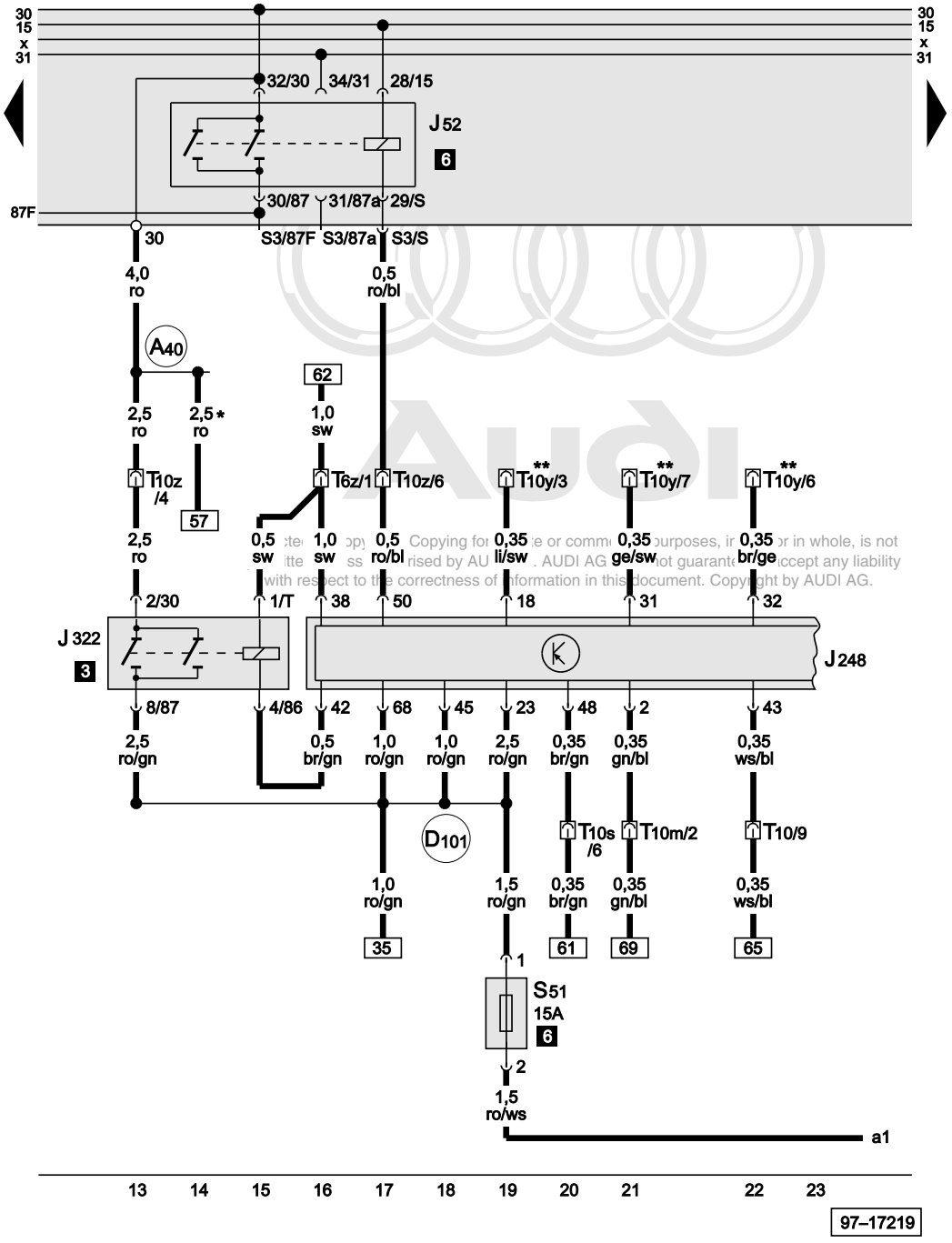


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Battery, starter, alternator, glow plugs

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine)
T2h	2-pin connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, brown, connector point, electronics box, in plenum
A17	Connection (61), in dash panel wiring harness
D16	Connection (glow plugs), in engine compartment wiring harness
11	Earth point, in plenum chamber
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

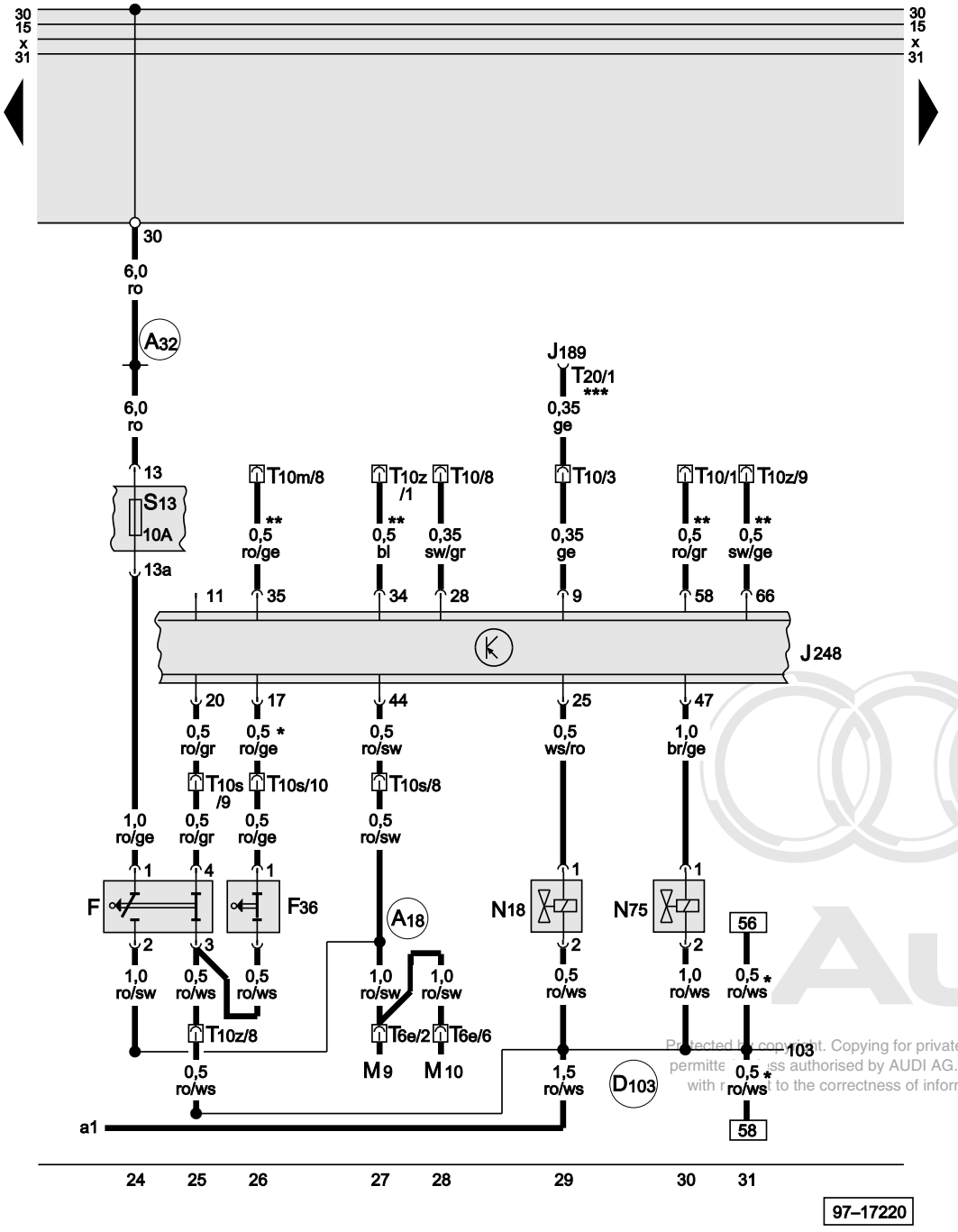


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, glow plug relay, diesel direct injection system relay

J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
S51	Fuse (Positive (+) connection D103), in engine compartment wiring harness
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Only models with manual gearbox
**	See applicable Current Flow Diagram: automatic gearbox

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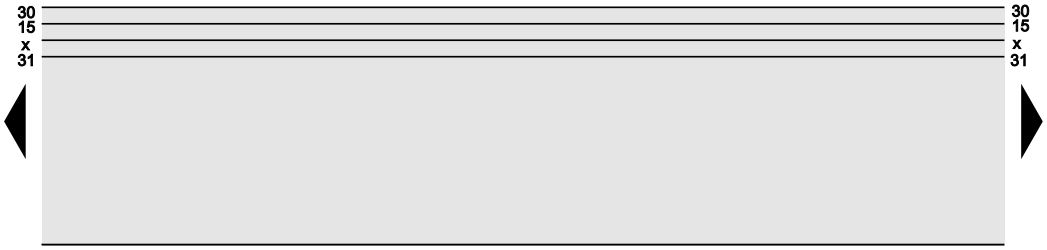


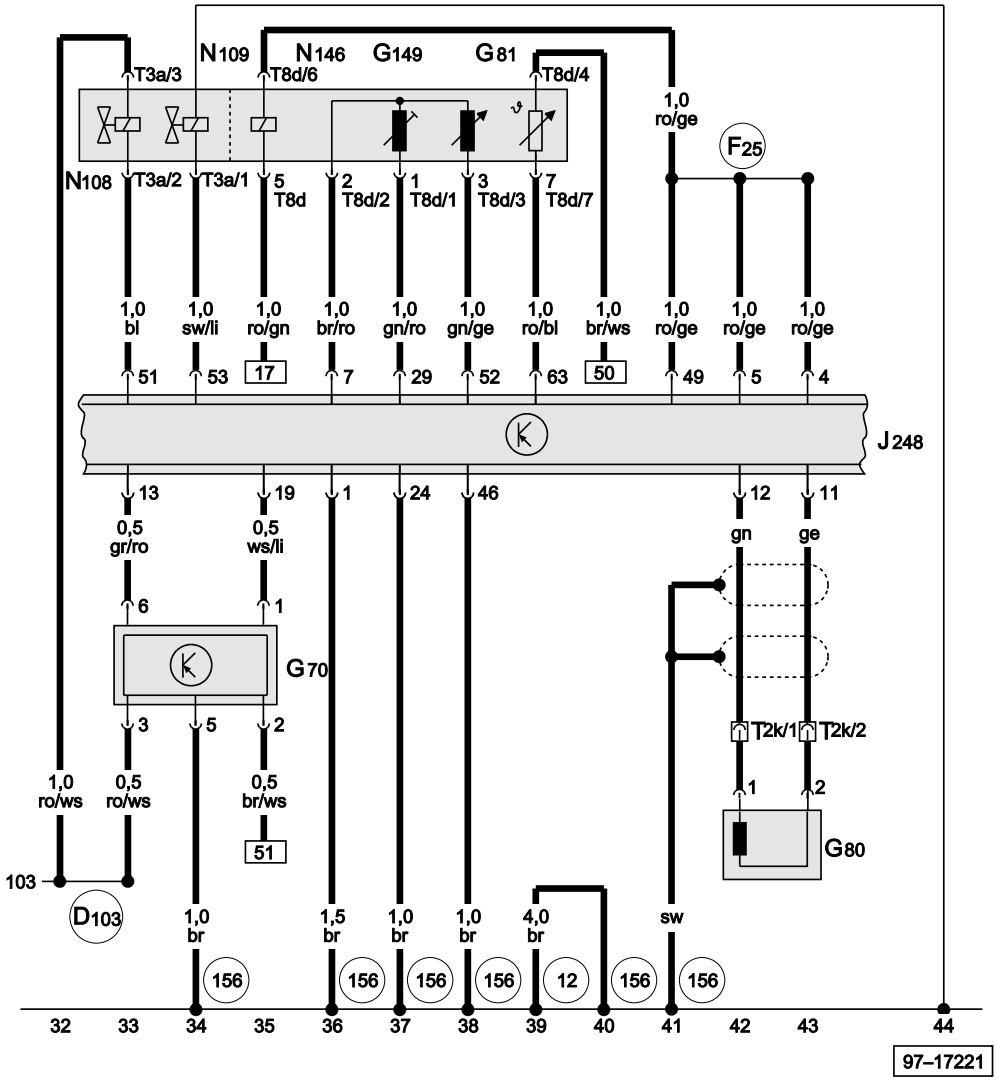
Diesel direct injection system control unit, exhaust gas recirculation valve, charge pressure control solenoid valve, brake light switch

F	Brake light switch
F36	Clutch pedal switch
J189	Auto-check system
J248	Diesel direct injection system control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
T6e	6-pin connector, blue, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T20	20-pin connector, red/white, on bulb monitoring device
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
12	Earth point, in engine compartment, left
156	Earth connection, in diesel direct injection system wiring harness
*	Only models with manual gearbox
**	See applicable cruise control system Current Flow Diagram
***	Only models with auto-check system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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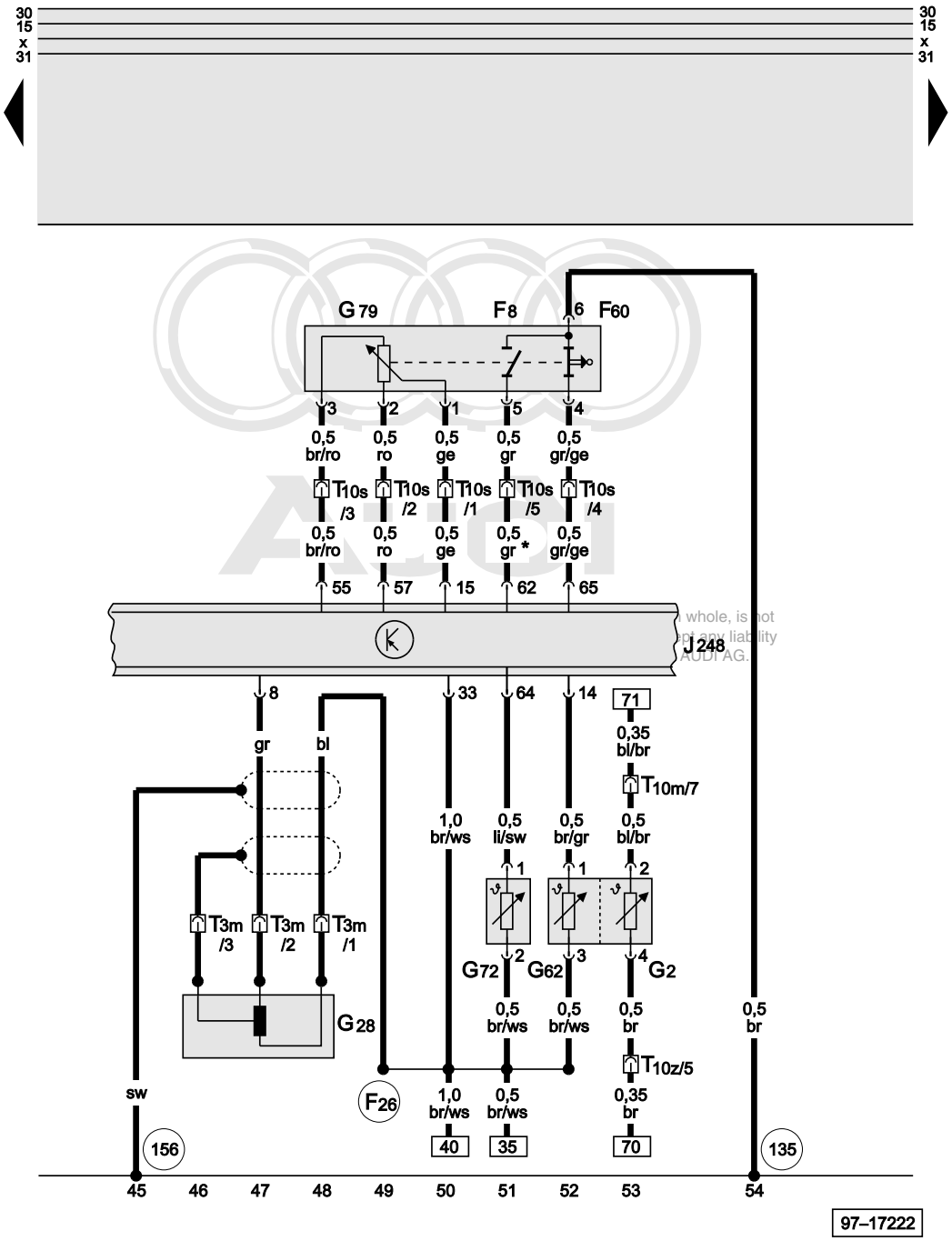


Diesel direct injection system control unit

G70	Air mass meter
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit
N108	Commencement of injection valve
N109	Fuel shut-off valve
N146	Metering adjuster
T2k	2-pin connector, brown, in engine compartment
T3a	3-pin connector, black, in engine compartment
T8d	8-pin connector, in engine compartment
D103	Connection -3-, in engine compartment wiring harness
F25	Connection -1-, in diesel direct injection system wiring harness
12	Earth connection, in engine compartment, left
156	Earth connection, in diesel direct injection system wiring harness

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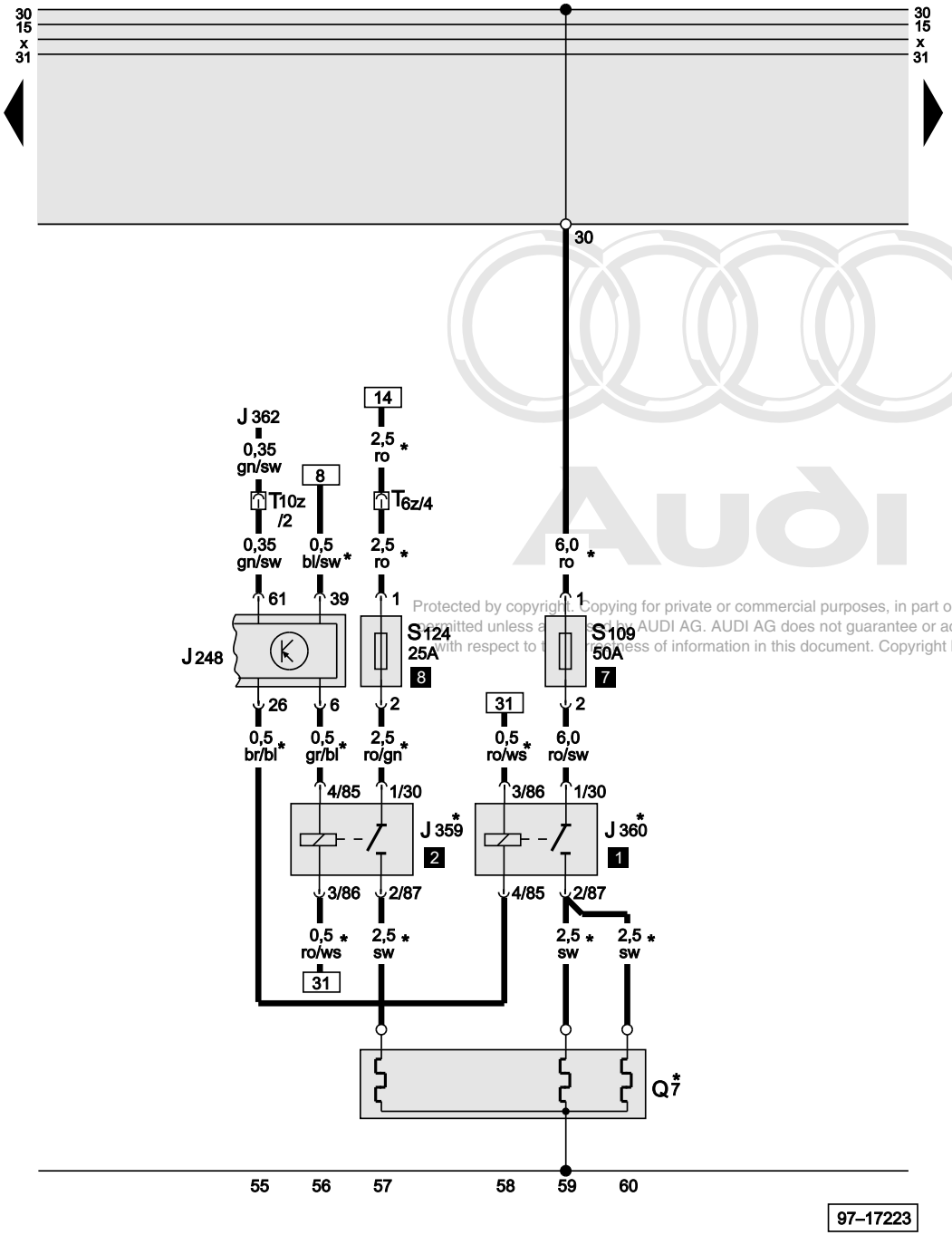
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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rs	=	pink



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, accelerator pedal position sender, engine speed

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G28	Engine speed sender
G62	Coolant temperature sender
G72	Intake manifold temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T3m	3-pin connector, grey, in engine compartment, left
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
F26	Connection -2-, in diesel direct injection system wiring harness
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
*	Only models with automatic gearbox

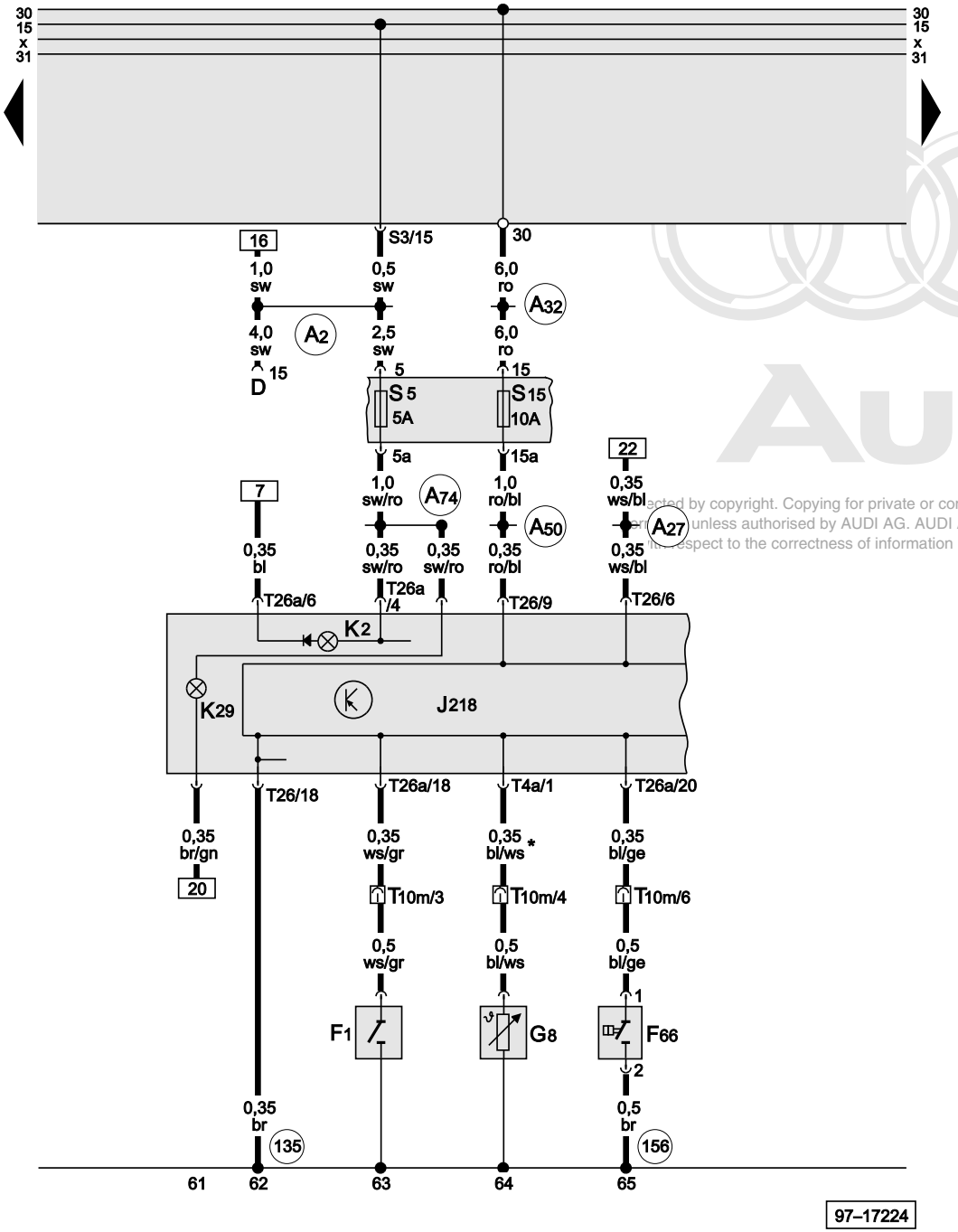


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Diesel direct injection system control unit, coolant heater element relay, coolant heating elements

J248	Diesel direct injection system control unit
J359	Low heat output relay
J360	High heat output relay
J362	Immobilizer control unit
Q7	Coolant heating elements
S109	Coolant heater element fuse (coolant, high heat output)
S124	Coolant heater element fuse (coolant, low heat output)
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

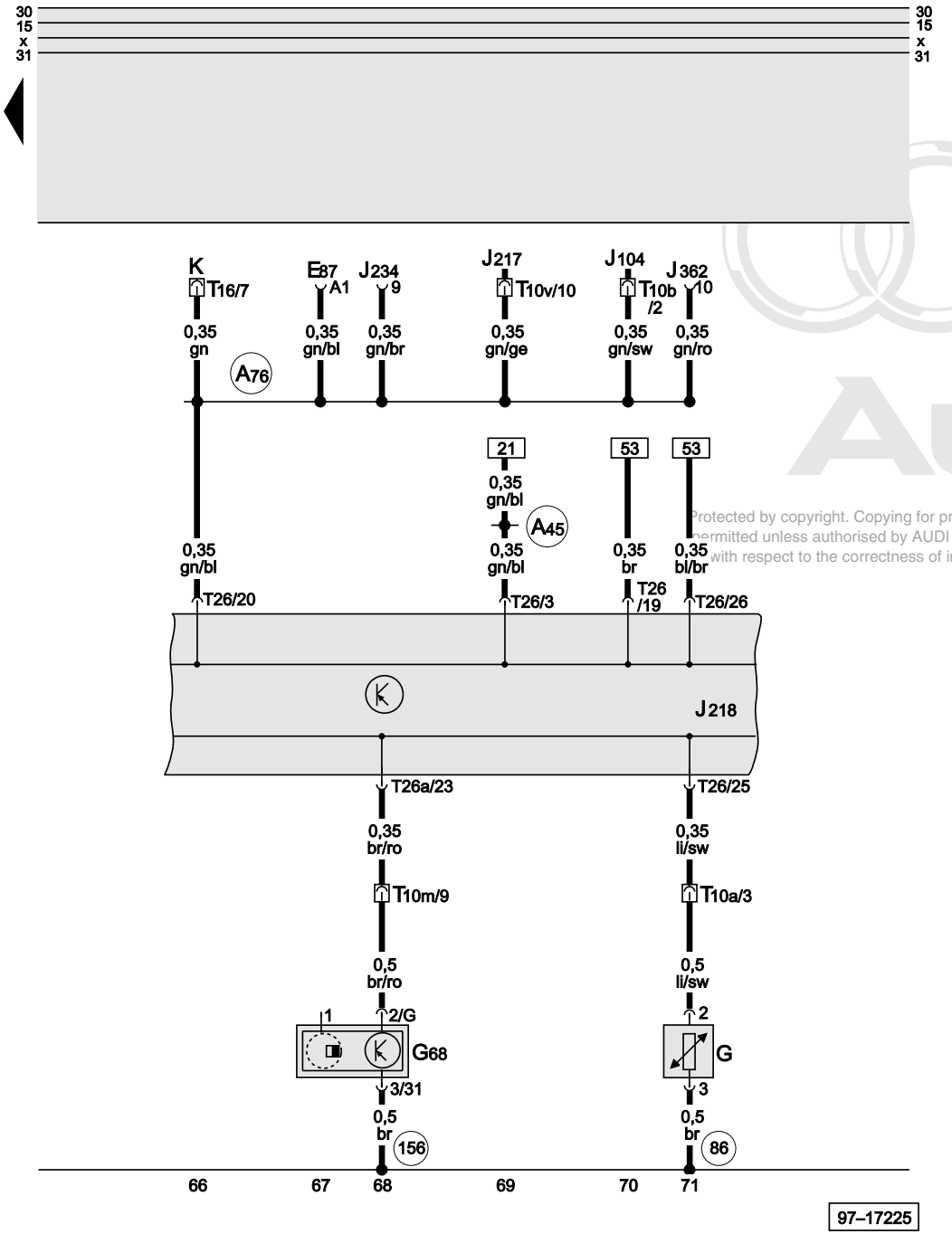


Dash panel insert, oil pressure switch, coolant monitoring

D	Ignition/starter switch
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G8	Oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K29	Glow period warning lamp
S6	Fuse in fuse box
S15	Fuse in fuse box
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
*	Only models with additional instruments

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Audi
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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, speedometer, fuel gauge

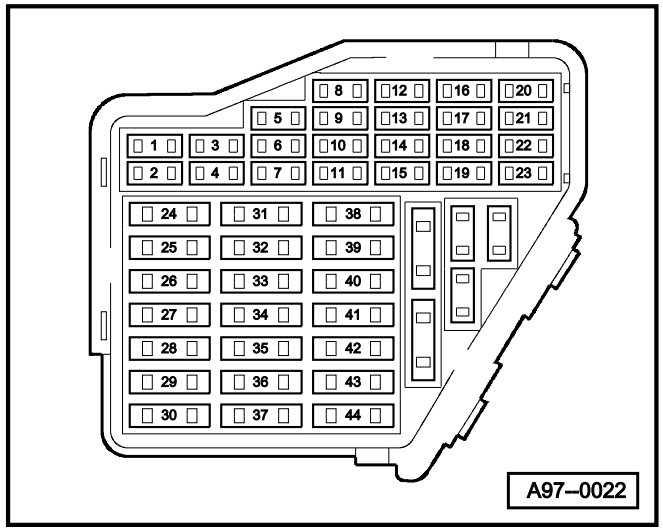
E87	Control and display unit for air conditioner/Climatronic
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G68	Vehicle speed sender
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J234	Airbag control unit
J362	Immobilizer control unit
K	Dash panel insert
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T16	16-pin connector, (diagnosis connection), centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A45	Connection (engine speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection system wiring harness

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Audi A4 (1.8 l fuel injection engine, 110 kW, Motronic (5-valve/turbo), 4 cylinder), engine codes AEB

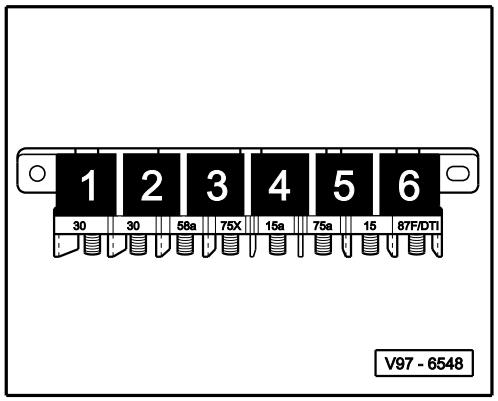
From December 1994

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

4 - Bridge for manual gearbox

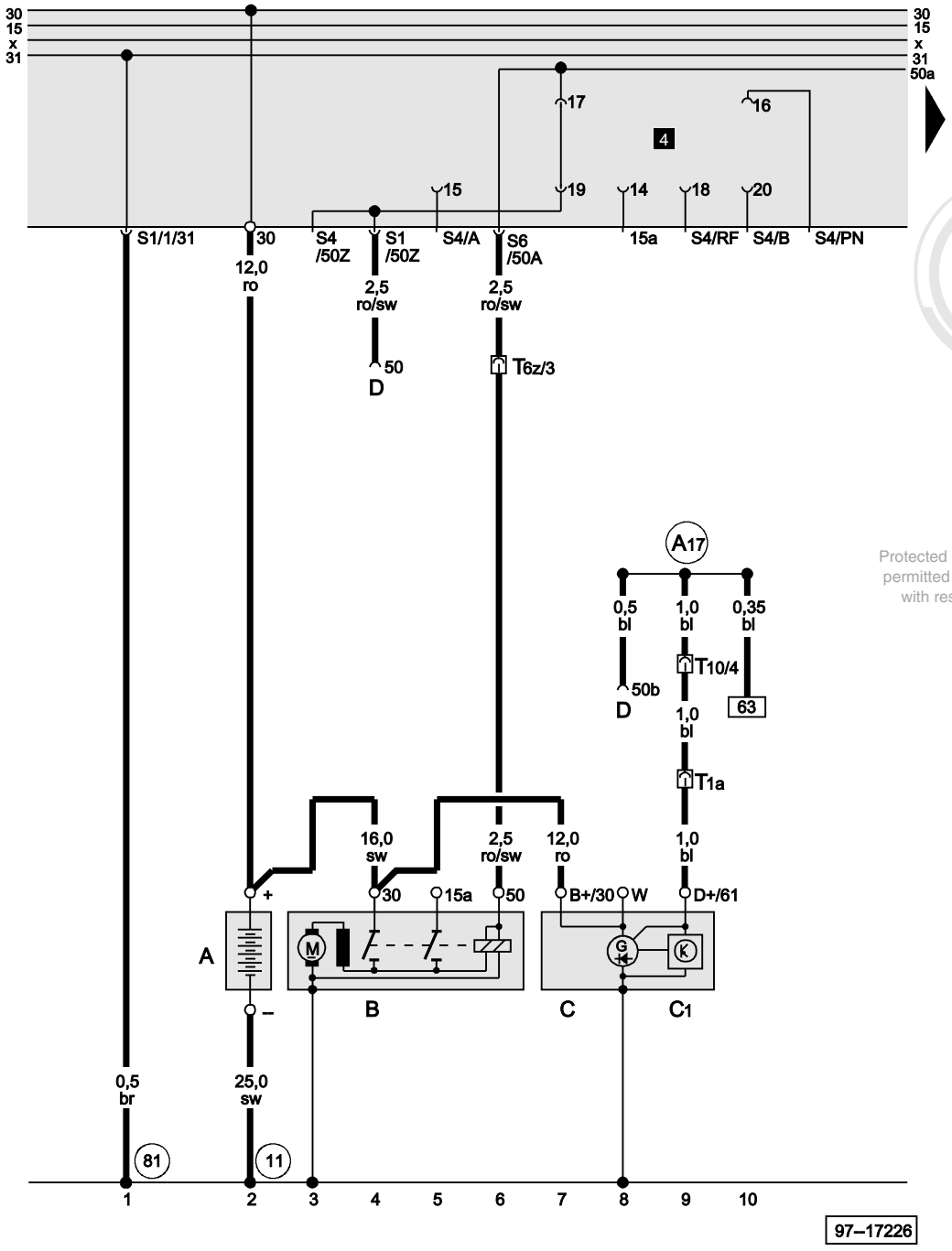
6 - Fuel pump relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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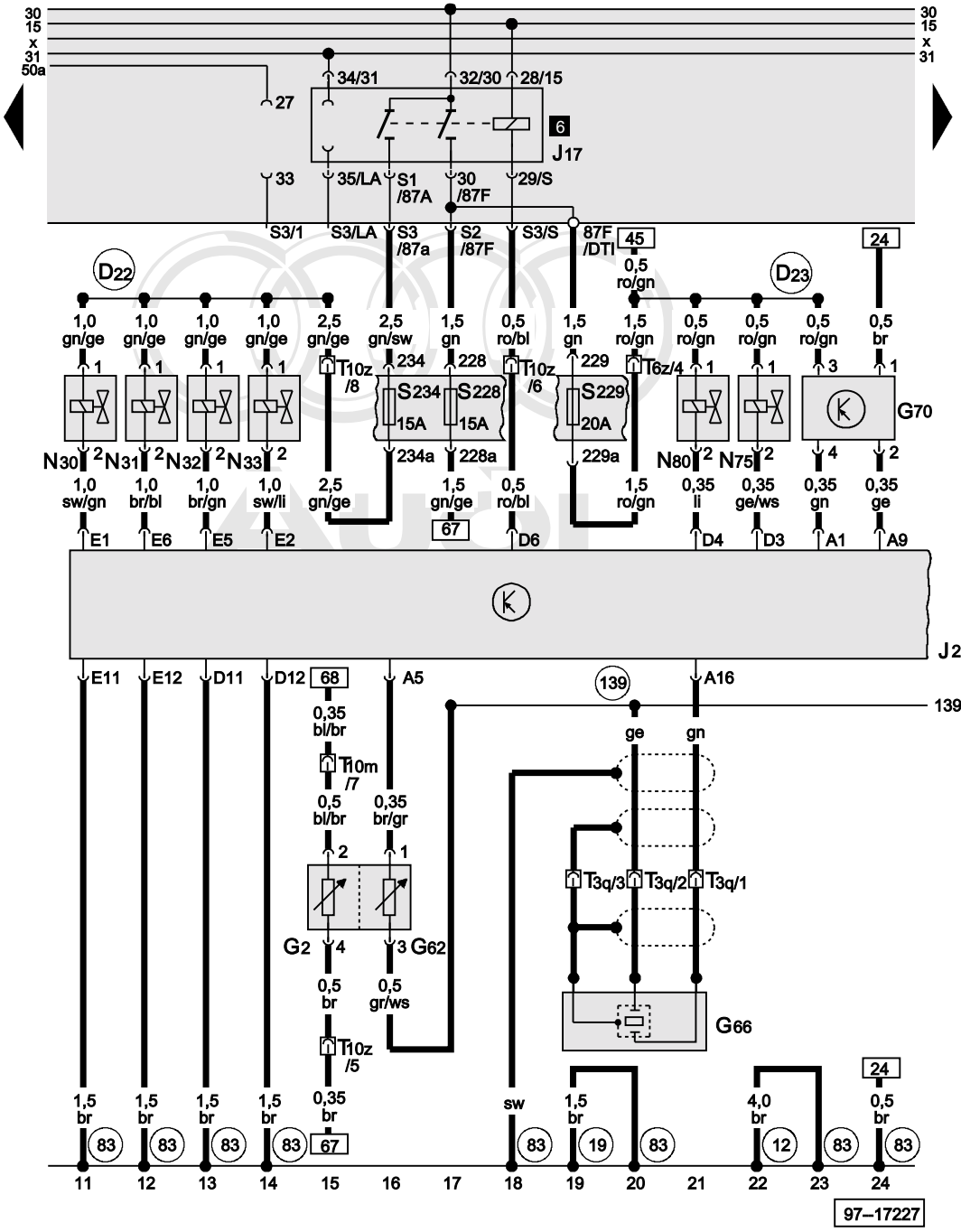


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
A17	Connection (61), in dash panel wiring harness
11	Earth point, in plenum chamber
81	Earth connection -1-, in dash panel wiring harness

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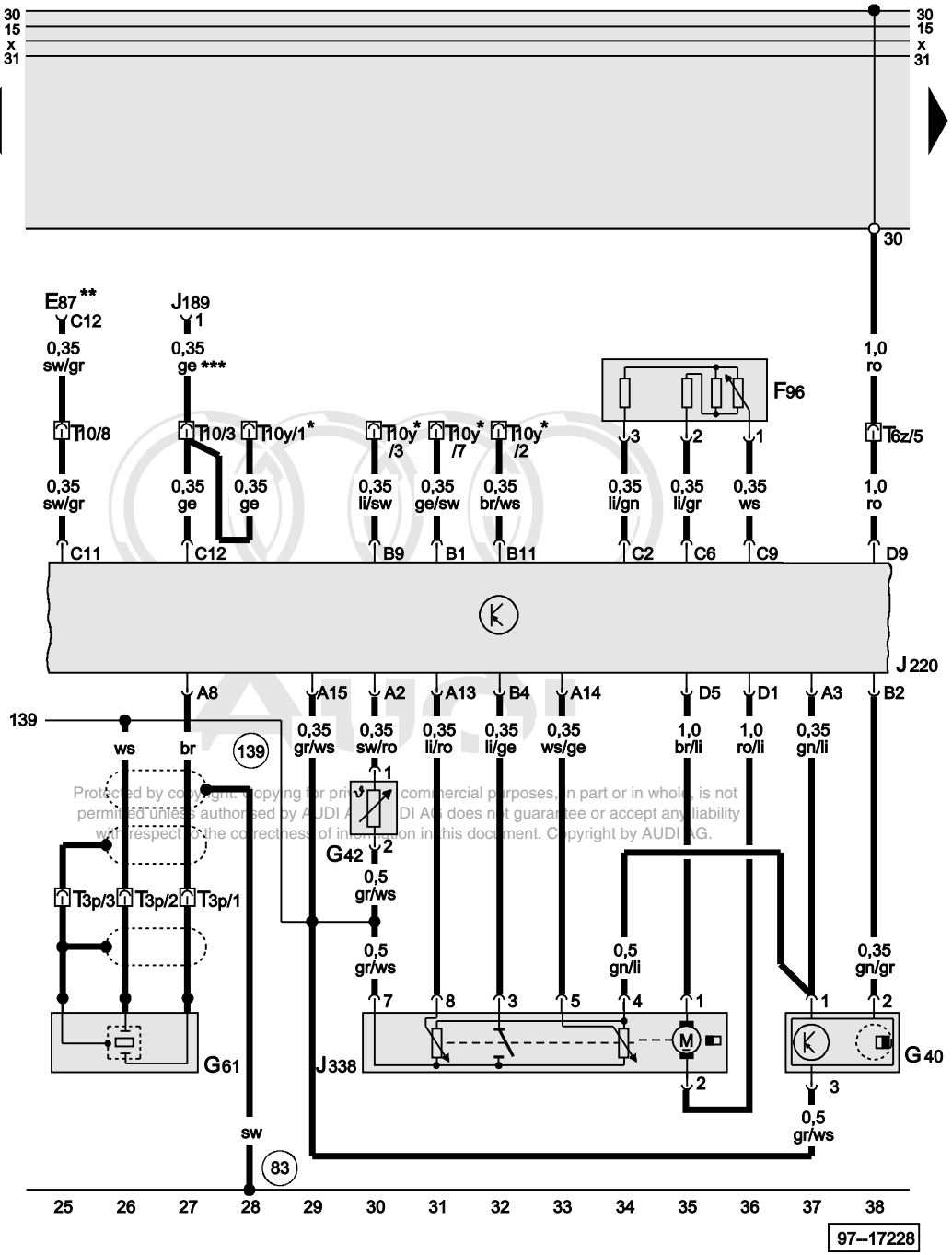
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, fuel pump relay, knock sensor II, injectors, air mass meter

G2	Coolant temperature sender
G62	Coolant temperature sender
G66	Knock sensor II
G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter system solenoid valve 1
S228	Fuse in fuse box
S229	Fuse in fuse box
T3q	3-pin connector, blue, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87f), in engine compartment wiring harness, right
12	Earth point, in engine compartment, left
19	Earth point, near ignition coil
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in Motronic wiring harness

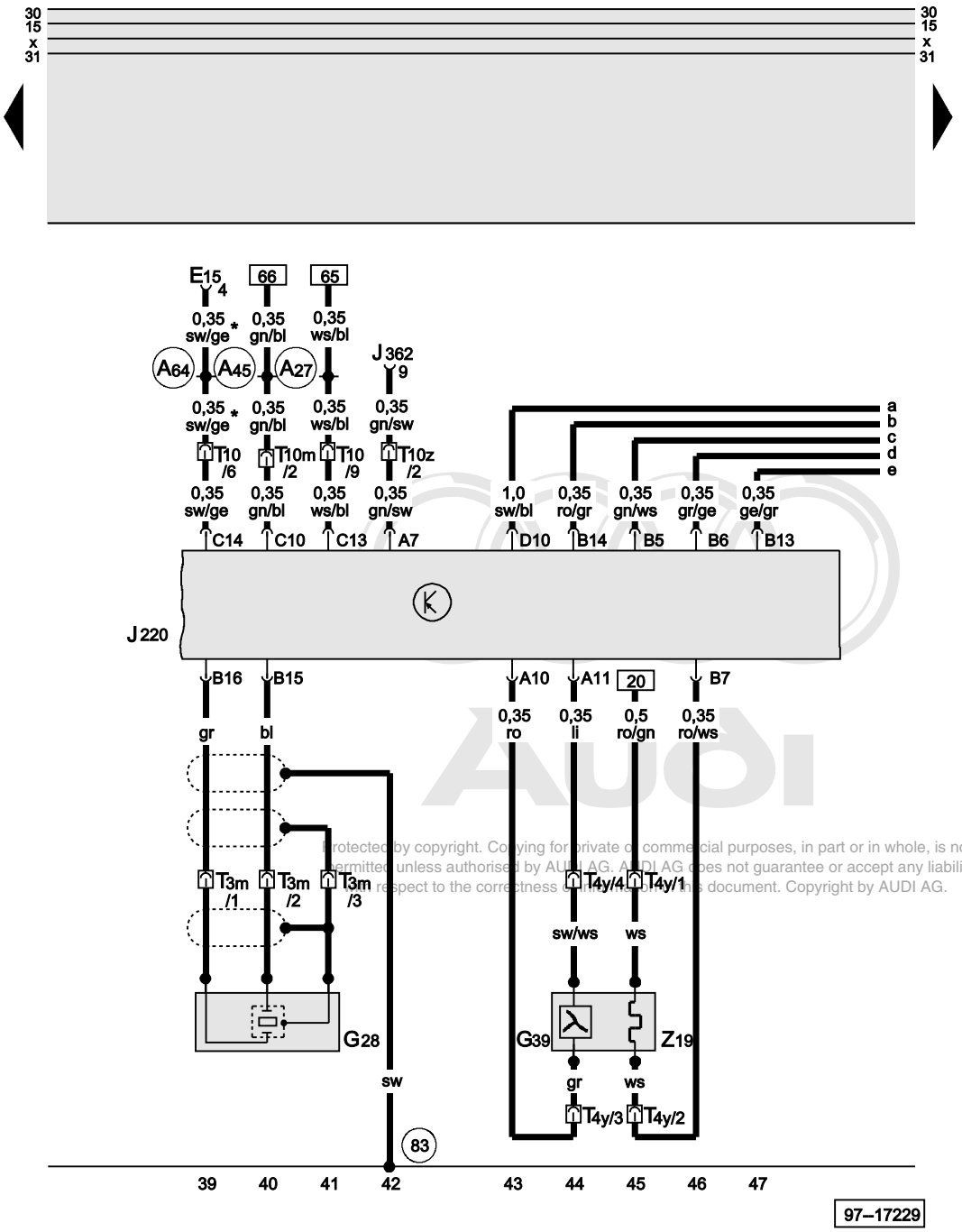


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, Hall senders, knock sensor, throttle valve, altitude sender

E87	Control and display unit for air conditioner/Climatronic
F96	Altitude sender
G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor I
J189	Auto-check system
J220	Motronic control unit
J338	Throttle valve control unit
T3p	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
(83)	Earth connection -1-, in front right wiring harness
(139)	Earth connection (sender earth), in Motronic wiring harness
*	Remaining wiring valid Current Flow Diagram automatic gearbox
**	Models with air conditioner
***	Only models with auto-check system

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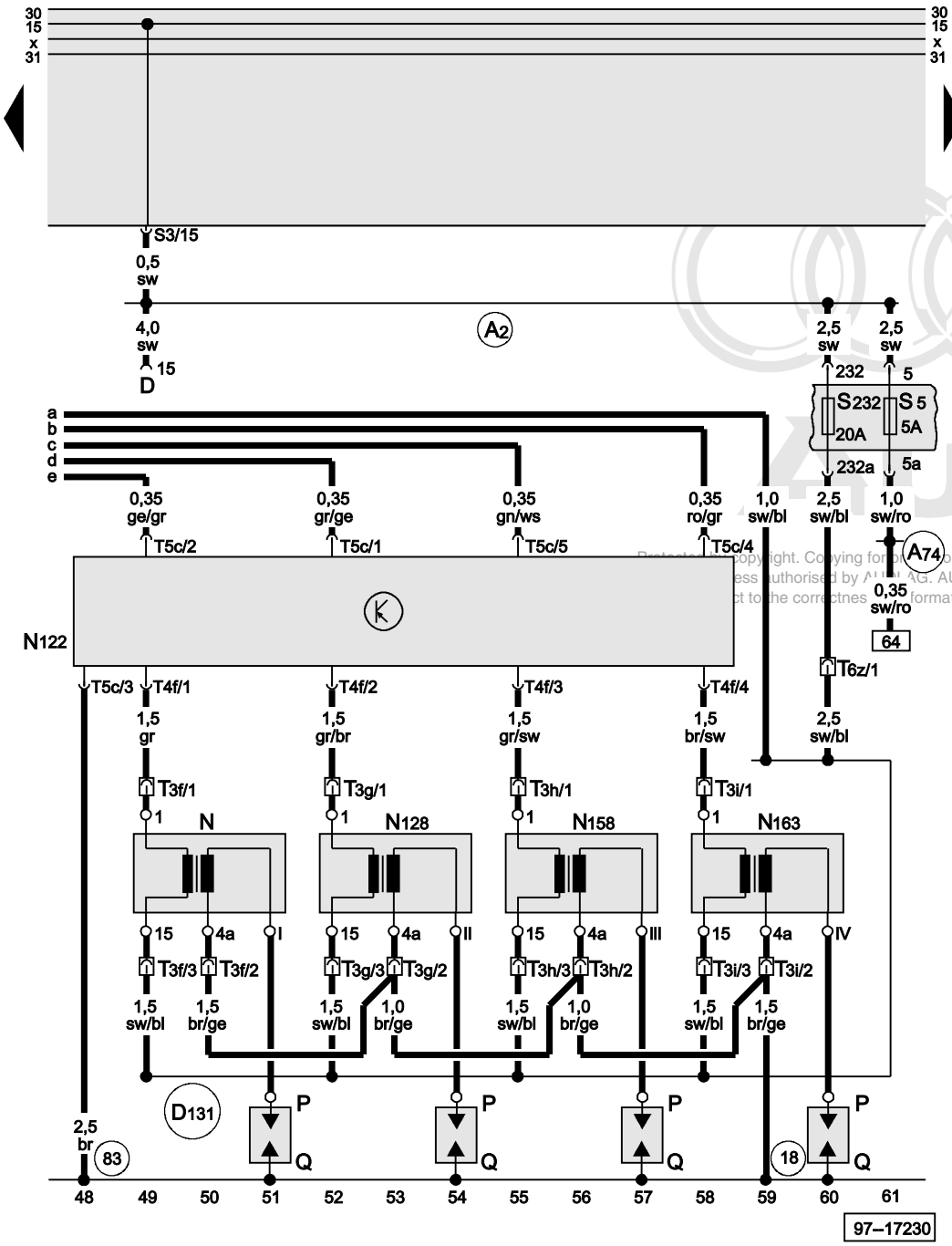


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Motronic control unit, engine speed sender, lambda probe

E15	Heated rear window switch
G28	Engine speed sender
G39	Lambda probe
J220	Motronic control unit
J362	Immobilizer control unit
T3m	3-pin connector, grey, in engine compartment, left
T4y	4-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
83	Earth connection -1-, in front right wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A64	Connection (30, speed boost), in dash panel wiring harness
*	Wiring not fitted on models with air conditioner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

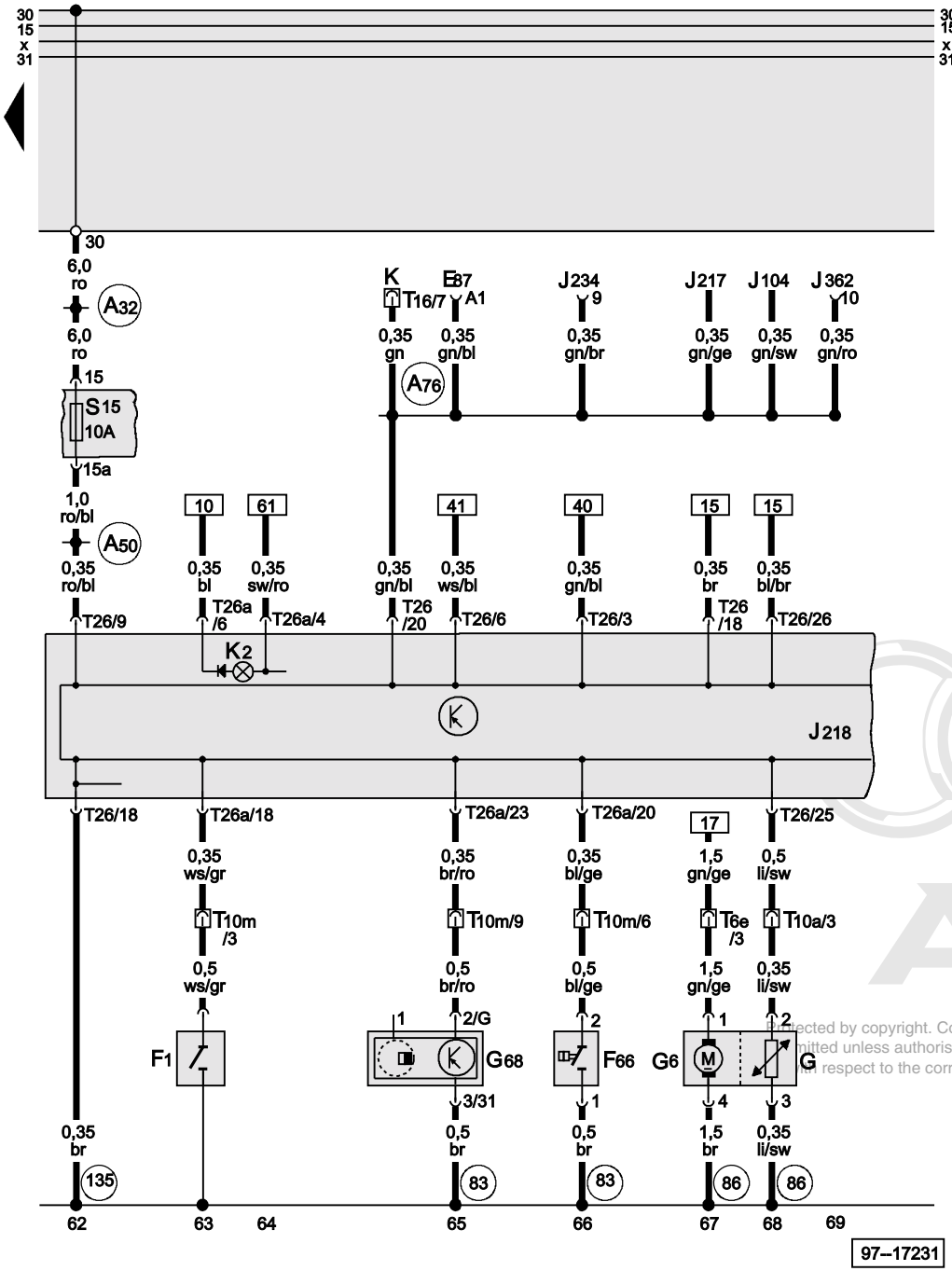


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition system

D	Ignition/starter switch
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
N158	Ignition coil 3
N163	Ignition coil 4
P	Spark plug connector
Q	Spark plugs
S5	Fuse in fuse box
S232	Fuse in fuse box
T3f	3-pin connector, black, at ignition coil 1
T3g	3-pin connector, black, at ignition coil 2
T3h	3-pin connector, black, at ignition coil 3
T3i	3-pin connector, black, at ignition coil 4
T4f	4-pin connector, black, at output stage (4-cylinder turbo engine), AEB
T5c	5-pin connector, black, at output stage
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
18	Earth point, on cylinder block
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D131	Connection (15) via fuse 232, in engine compartment wiring harness

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Dash panel insert, vehicle speed sender, fuel pump, fuel gauge, oil pressure switch, diagnostic connector

E87	Control and display unit for air conditioner
F1	Oil pressure switch (1.8 bar)
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G68	Vehicle speed sender
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J234	Airbag control unit
J362	Immobilizer control unit
K2	Alternator warning lamp
S15	Fuse in fuse box
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness

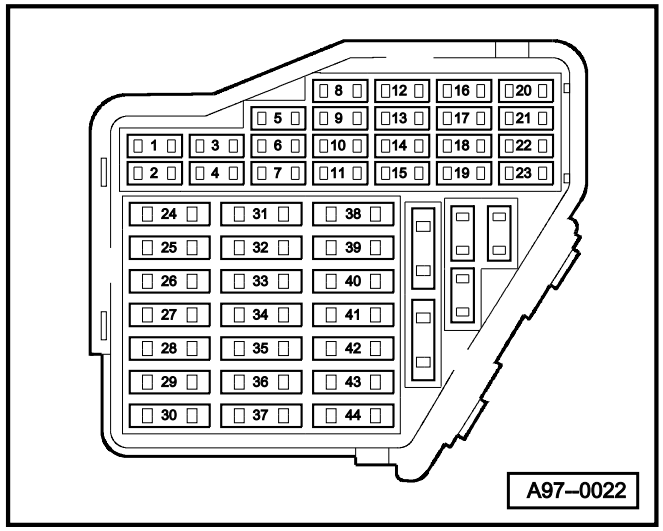
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric sliding sunroof with automatic preselector and comfort setting (with electric windows)

From December 1994 onwards

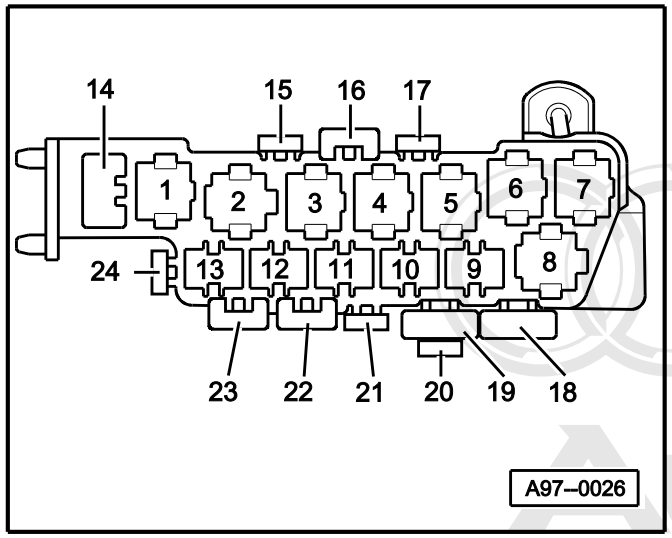
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



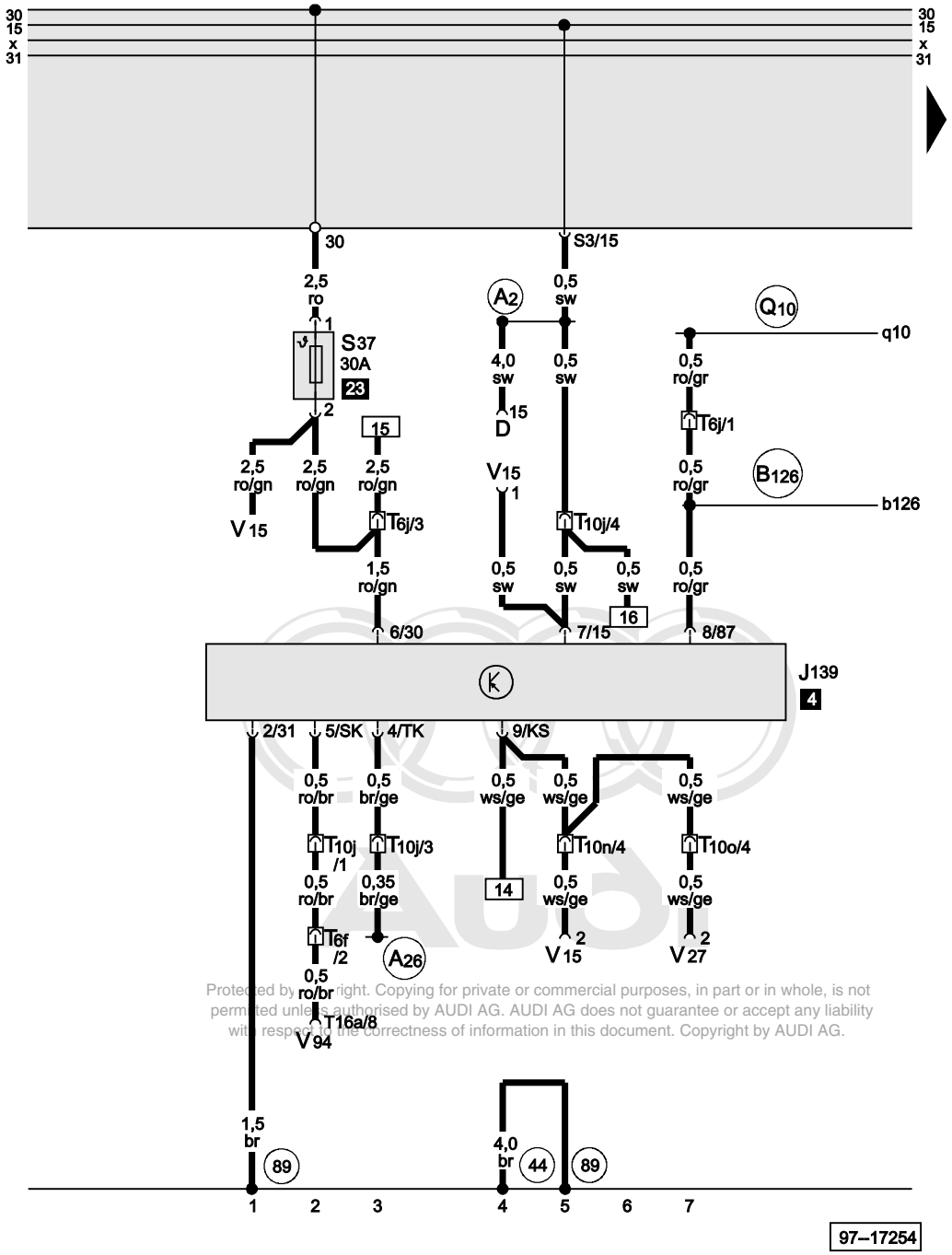
Position of relays:

4 - Electric window control unit
23 - Electric window single fuse (front)

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Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

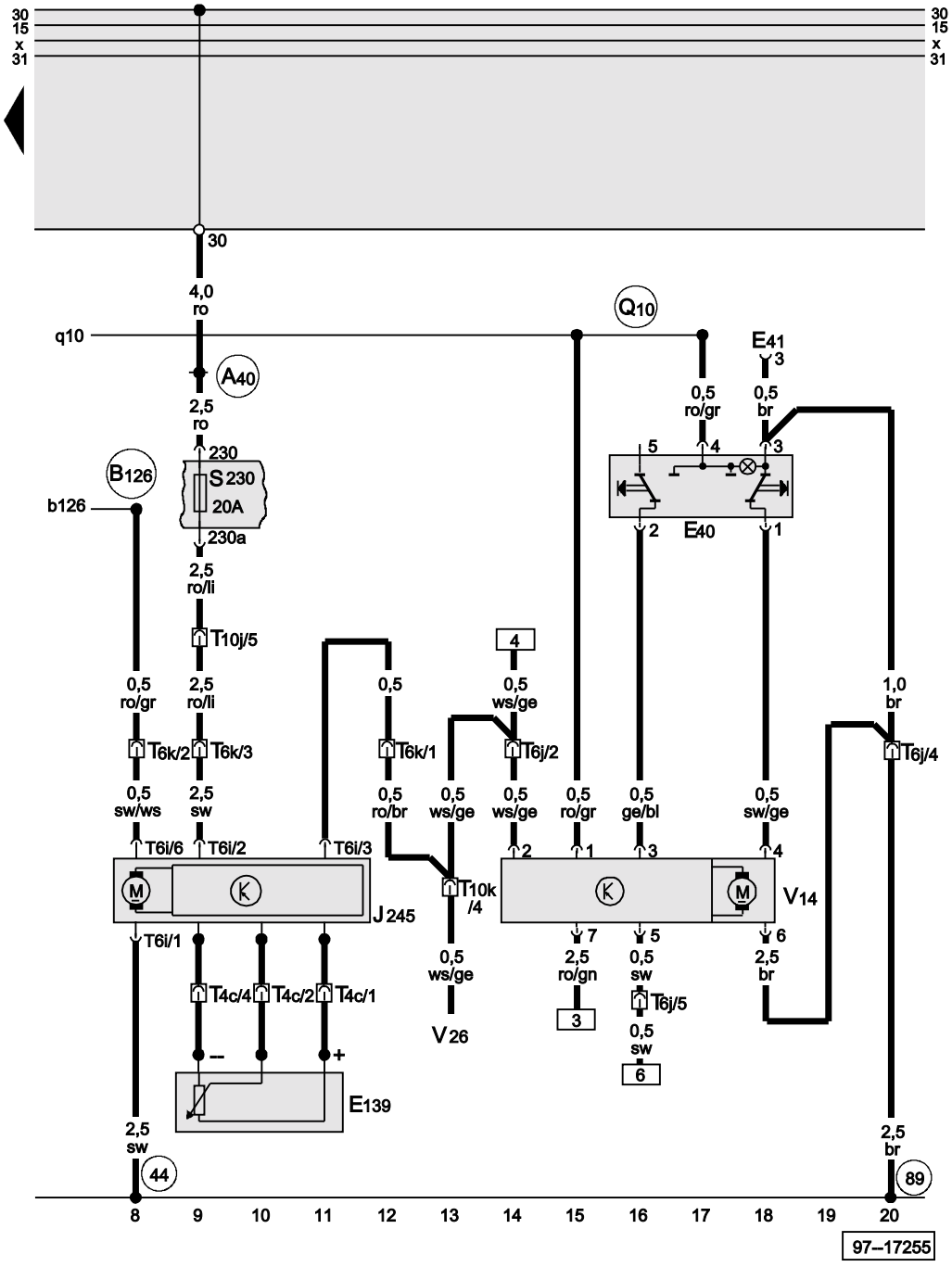


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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Electric sliding sunroof with automatic preselector and comfort setting (with electric windows)

D	Ignition/starter switch
J139	Electric window control unit
S37	Electric window single fuse (front)
T6f	6-pin connector, orange, right connector point, A pillar
T6j	6-pin connector, red, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, B pillar, right
T16a	16-pin connector, connector plug C at V94, in luggage compartment, right
V15	Electric window motor, right
V27	Electric window motor, rear right
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A pillar
89	Earth connection -1-, in electric window wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
B126	Connection (87, electric window control unit), in electric window wiring harness
Q10	Positive (+) connection (87), in electric window wiring harness



Electric sliding sunroof with automatic preselector and comfort setting (with electric windows)

E40	Front left electric window switch
E41	Front right electric window switch
E139	Sliding sunroof adjustment regulator
J245	Sliding sunroof adjustment control unit
S230	Fuse in fuse box
T4c	4-pin connector, near interior light, front
T6i	6-pin connector, blue, near interior light, front
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10k	10-pin connector, red, B pillar, left
V14	Electric window motor, left
V26	Electric window motor, rear left
44	Earth point, lower part of left A pillar
89	Earth connection -1-, in electric window wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
B126	Connection (87, electric window control unit), in electric window wiring harness
Q10	Positive (+) connection (87), in electric window wiring harness

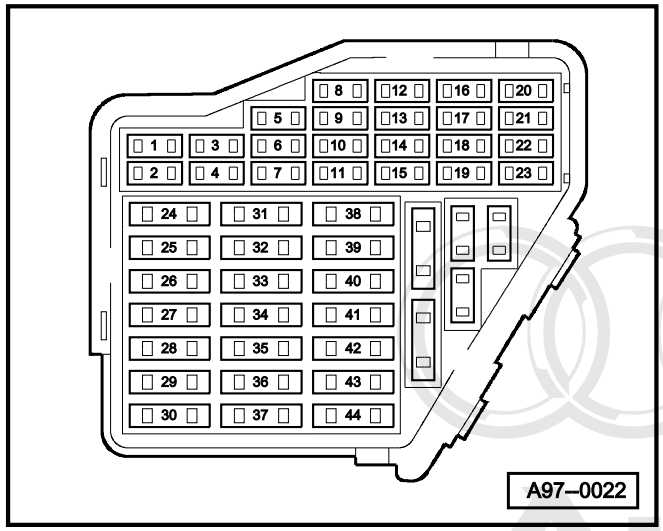
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

5-speed automatic gearbox with selector lever lock (01V)

From March 1995 onwards

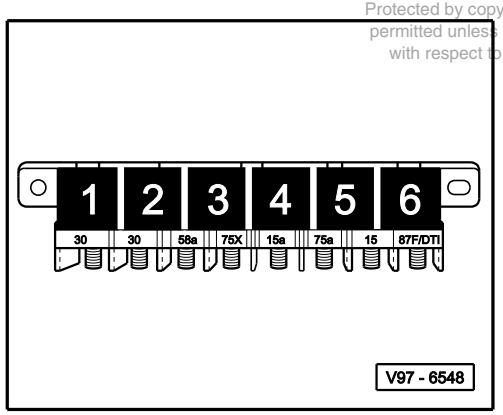
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:

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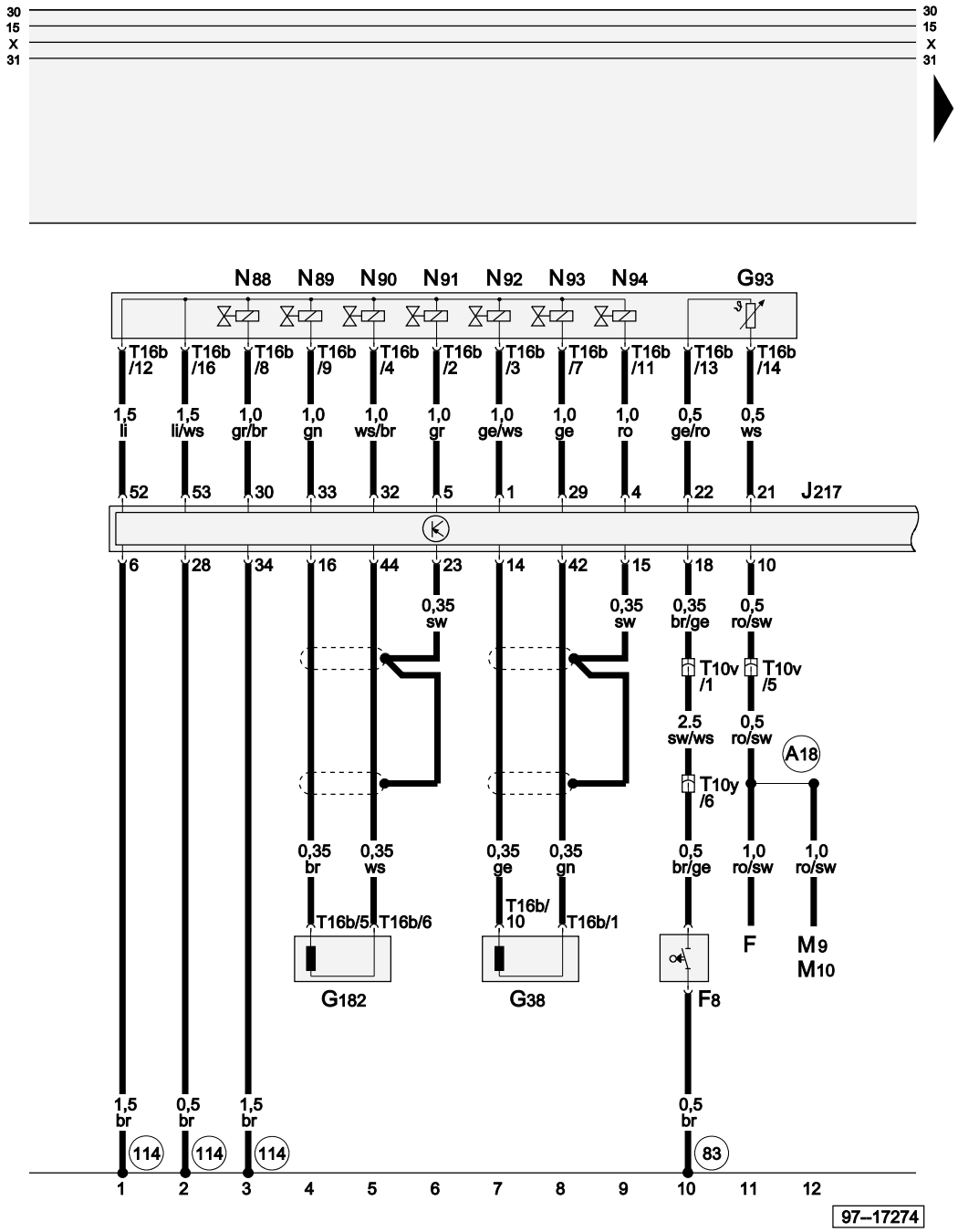
Position of relays:

4 - Automatic gearbox relay

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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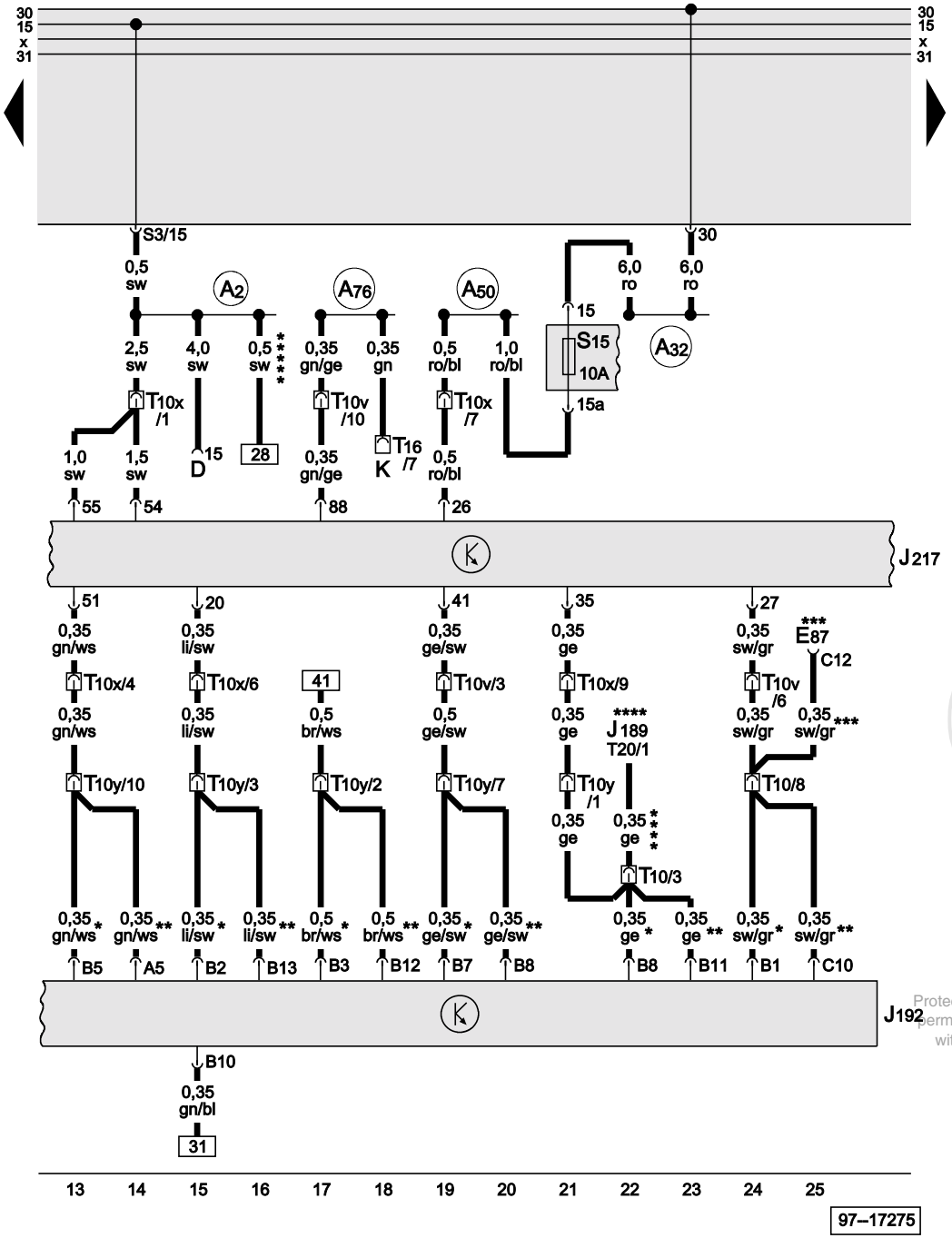


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

5-speed automatic gearbox with selector lever lock (01V)

F	Brake light switch
F8	Kick-down switch
G38	Gearbox speed sender
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
J217	Automatic gearbox control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16b	16-pin connector, on gearbox
83	Earth connection -1-, in front right wiring harness
114	Earth connection, in automatic gearbox wiring harness
A18	Connection (54), in dash panel wiring harness

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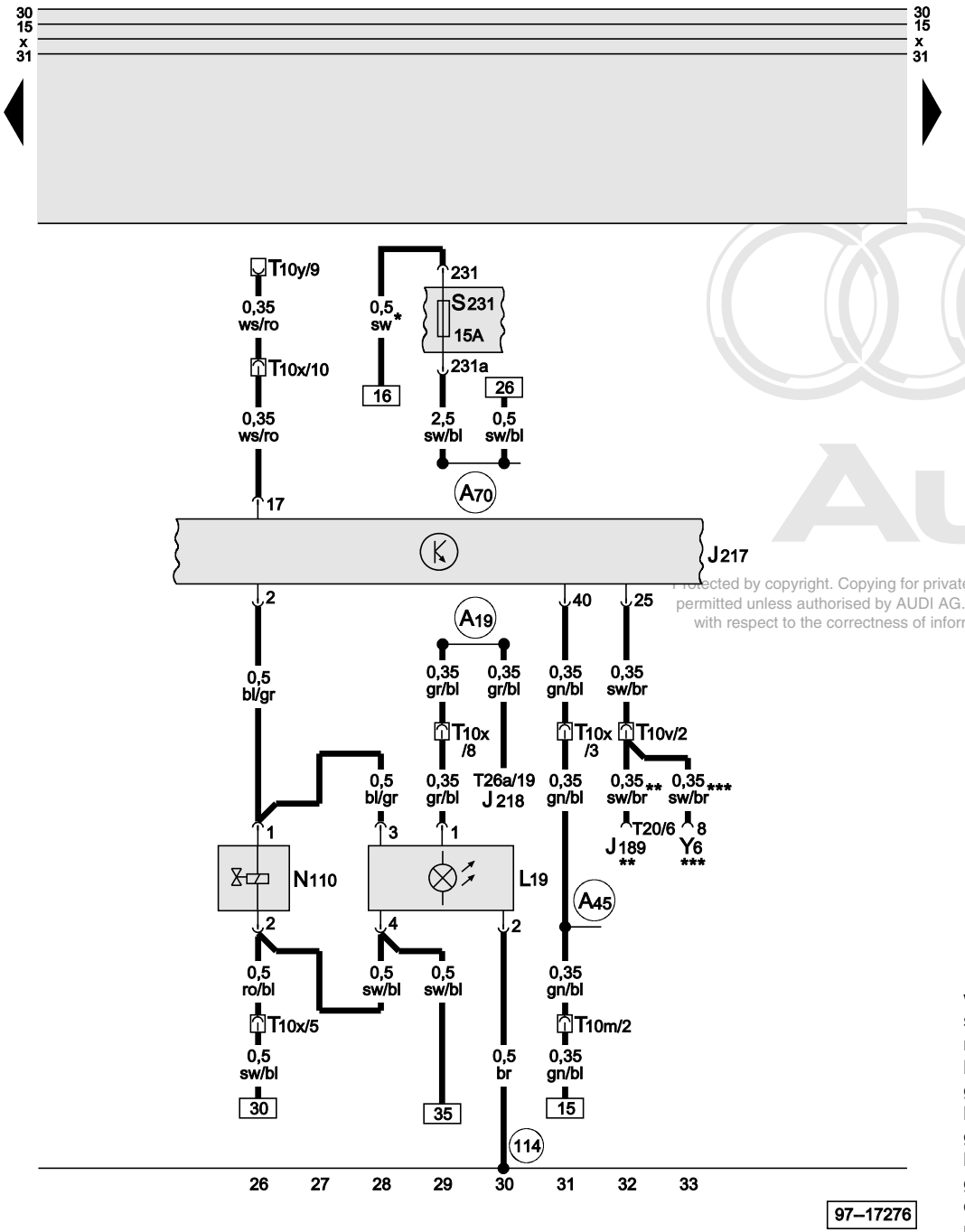


5-speed automatic gearbox with selector lever lock (01V)

D	Ignition/starter switch
E87	Control and display unit for air conditioner/Climatronic
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
S15	Fuse in fuse box/relay plate
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
T20	20-pin connector, black, on bulb monitoring device
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only applies to 2.6 litre MPFI, 110 kW, 6-cylinder
**	Only applies to 2.8 litre MPI, 128 kW, 6-cylinder
***	Only applies to air conditioner with automatic control
****	Only applies to on-board computer with auto-check system
*****	Only applies to cruise control system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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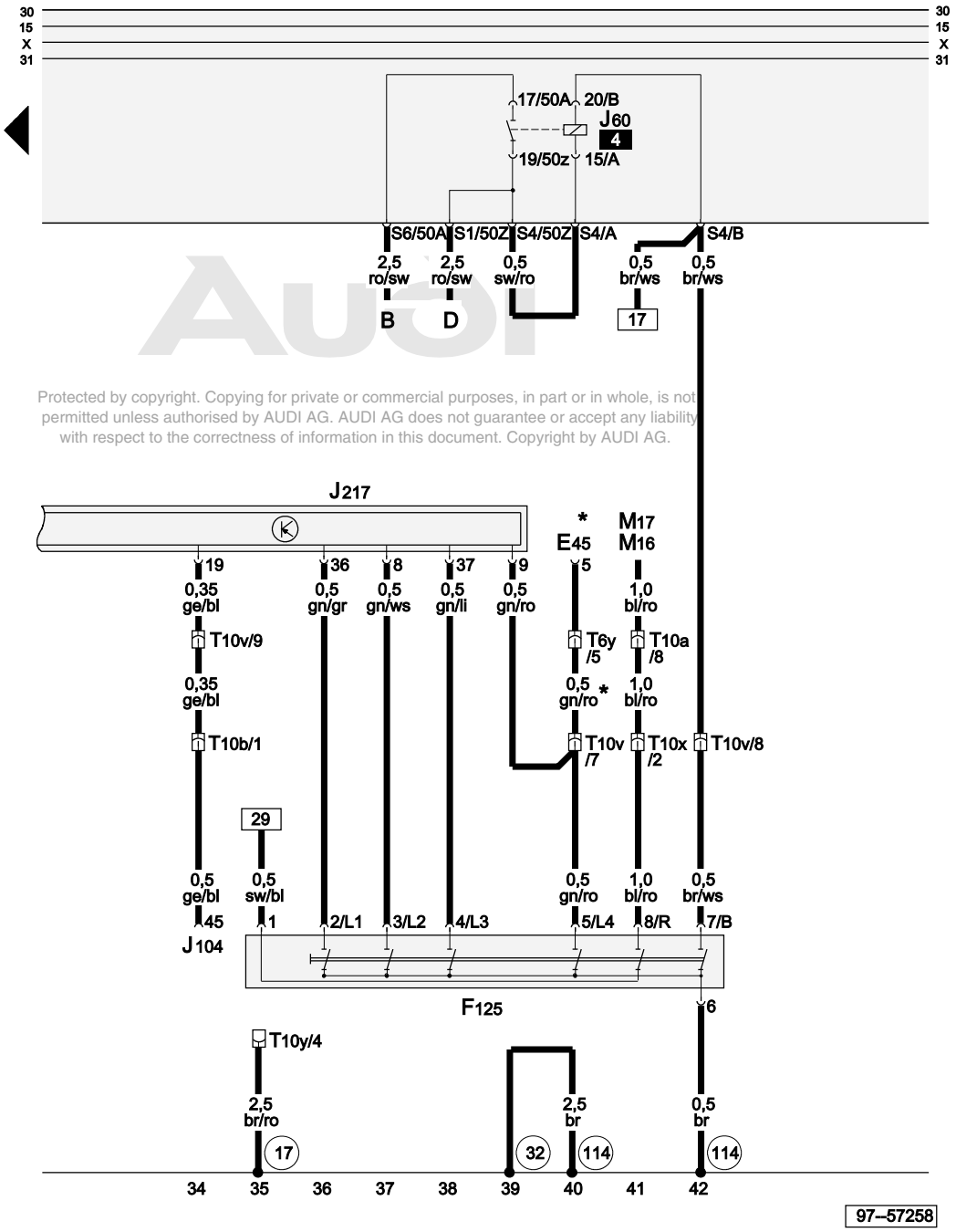


5-speed automatic gearbox with selector lever lock (01V)

J189	Auto-check system
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
L19	Selector lever illumination bulb
N110	Selector lever lock solenoid
S231	Fuse in fuse box
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on dash panel insert
T26	26-pin connector, yellow, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A19	Connection (58d), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only applies to cruise control system
**	Only applies to ABS and ASR/TCS
***	Only applies to selector lever position indicator

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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5-speed automatic gearbox with selector lever lock (01V)

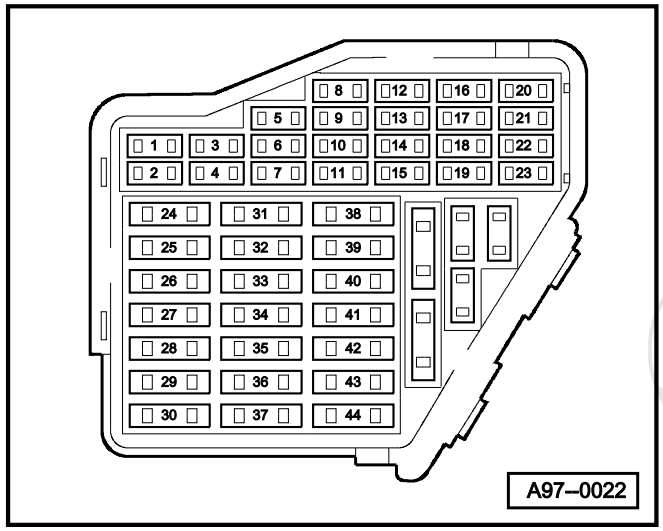
B	Starter
D	Ignition/starter switch
E45	Cruise control system switch
F125	Multi-function switch
J60	Automatic gearbox relay
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T6y	6-pin connector, black, next to steering column
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
17	Earth point, on intake manifold
32	Earth point, behind dash panel, left
114	Earth connection, in automatic gearbox wiring harness
*	Only applies to models with cruise control system
**	Only applies to ABS with EDL and ASR/TCS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Four-speed automatic gearbox with selector lever lock (01N)

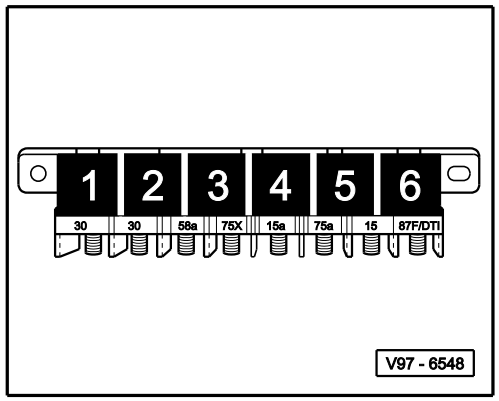
From January 1995

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



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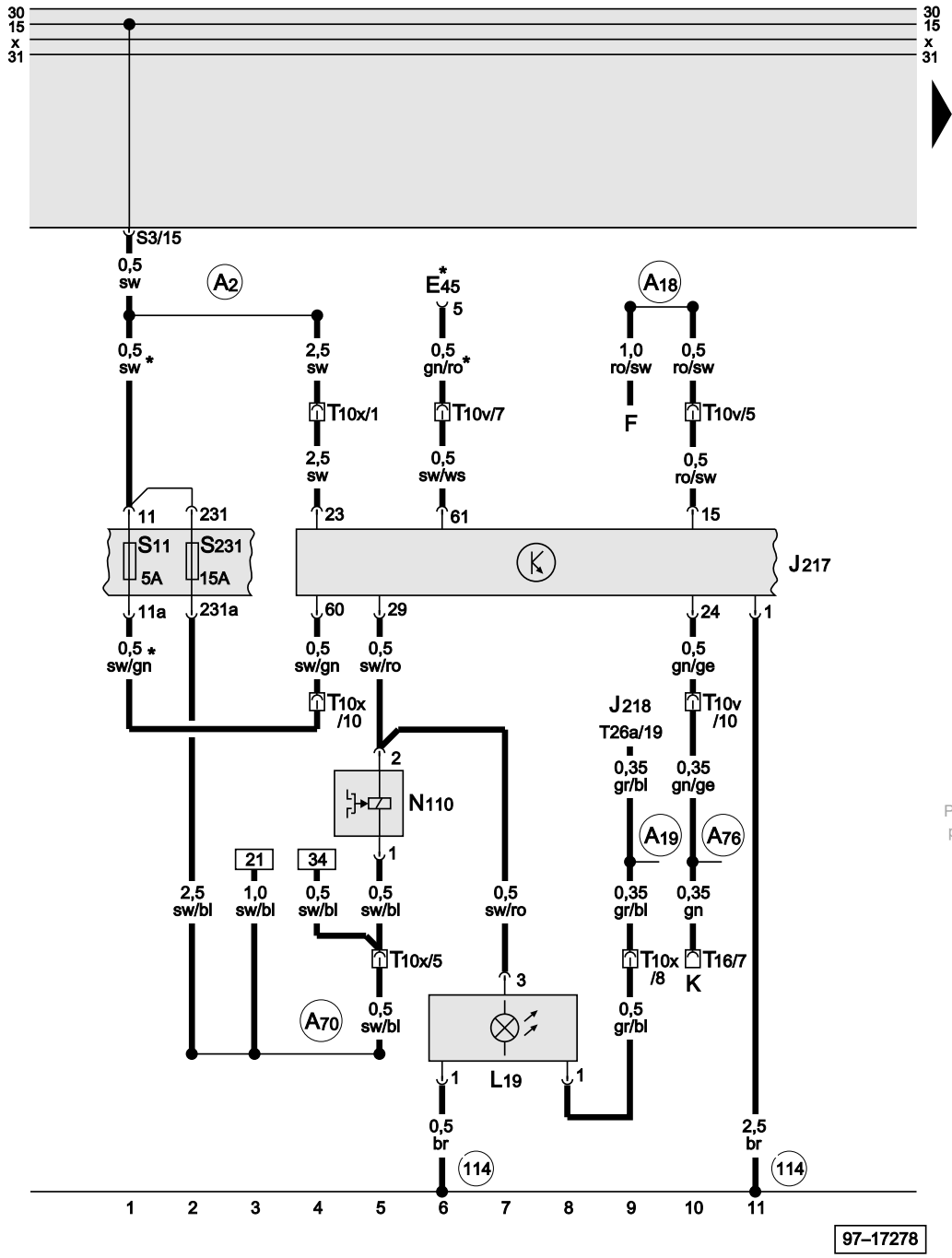
Position of relays:

4 - Relay for automatic gearbox

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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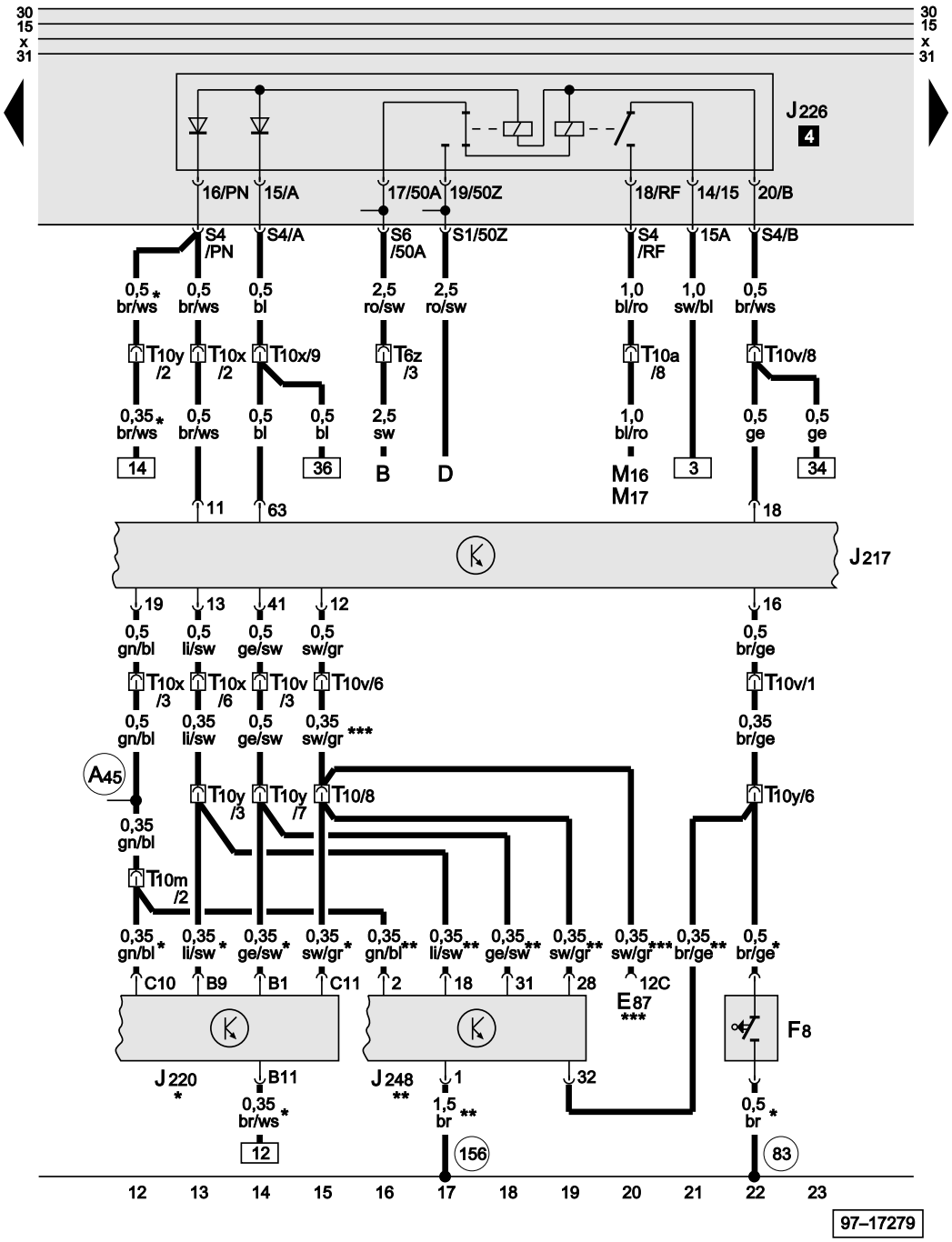


Four-speed automatic gearbox with selector lever lock (01N)

E45	Cruise control system switch
F	Brake light switch
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
L17	Gear selector light bulb
N110	Selector lever lock solenoid
S11	Fuse in fuse box
S231	Fuse in fuse box
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
A76	Connection (diagnosis connection wire K), in dash panel wiring harness
*	Only models with cruise control system (does not apply to 1.2 l TDI, 66 kW, 4 cylinder)

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

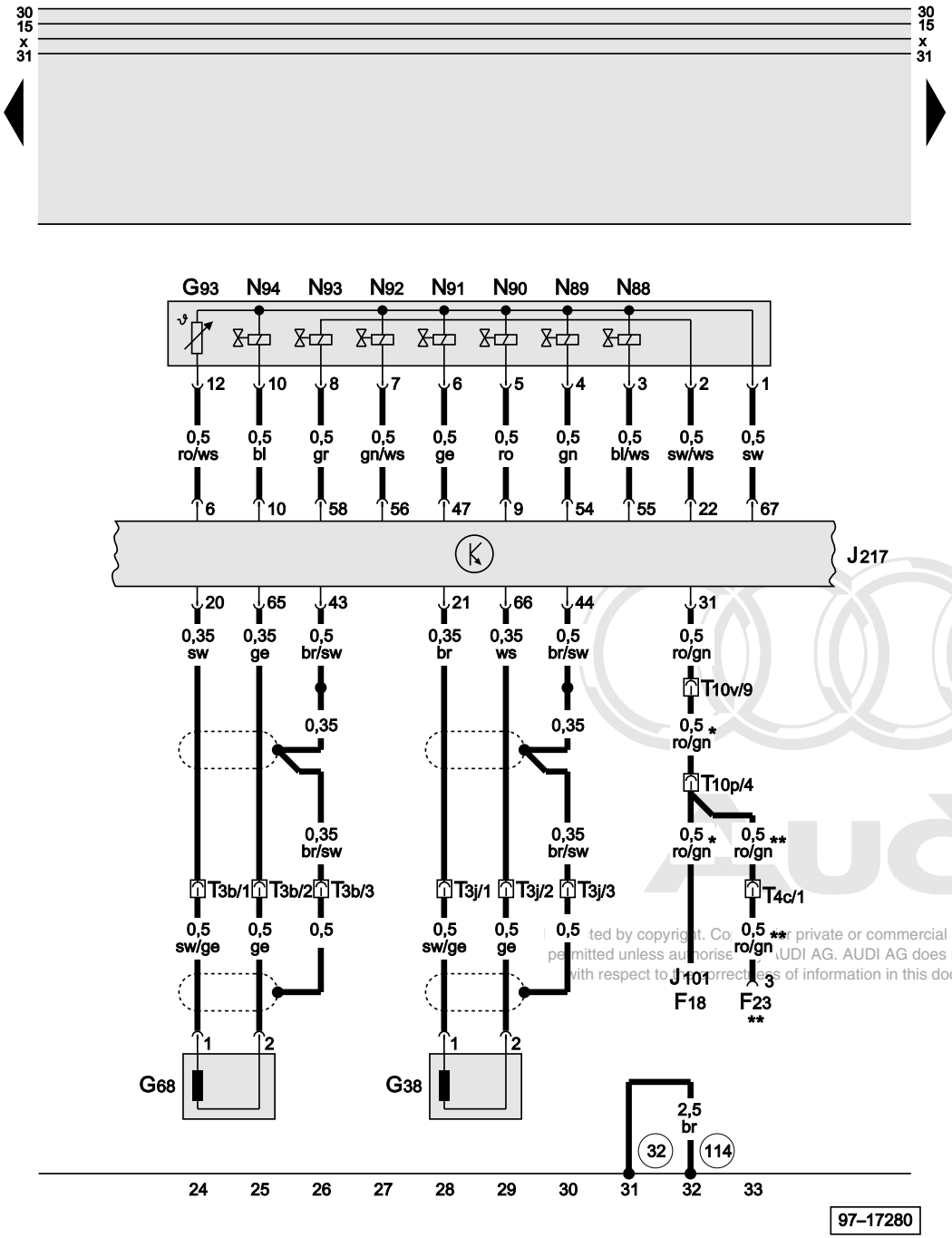


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Four-speed automatic gearbox with selector lever lock (01N)

B	Starter
D	Ignition/starter switch
E87	Control and display unit for air conditioner
F8	Kick-down switch
J217	Automatic gearbox control unit
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
J248	Diesel direct injection system control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
156	Earth connection, in diesel direct injection system wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with 1.6 l Motronic 74 kW and 1.8 l Motronic 92 kW
**	Only models with 1.9 l-TDI 66 kW
***	Only models with air conditioner mith automatic control

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Four-speed automatic gearbox with selector lever lock (01N)

F18	Radiator fan thermo-switch
F23	High pressure switch for air conditioner
G38	Gearbox speed sender
G68	Vehicle speed sender
G93	Gearbox oil temperature sender
J101	Radiator fan 2nd speed relay
J217	Automatic gearbox control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T3b	3-pin connector, brown, on gearbox
T3j	3-pin connector, black, on gearbox
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
32	Earth point, behind dash panel, left
114	Earth connection, in automatic gearbox wiring harness
*	Only models with 1.9 l-TDI 66 kW
**	Only models with air conditioner mith automatic control (1.9 l TDI 66 kW)

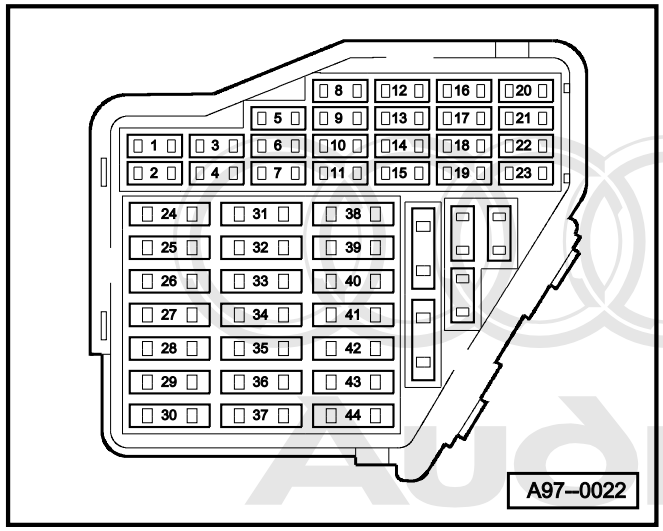
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ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Cruise control system with automatic gearbox for fuel injection engines

From November 1994

Fuse box:

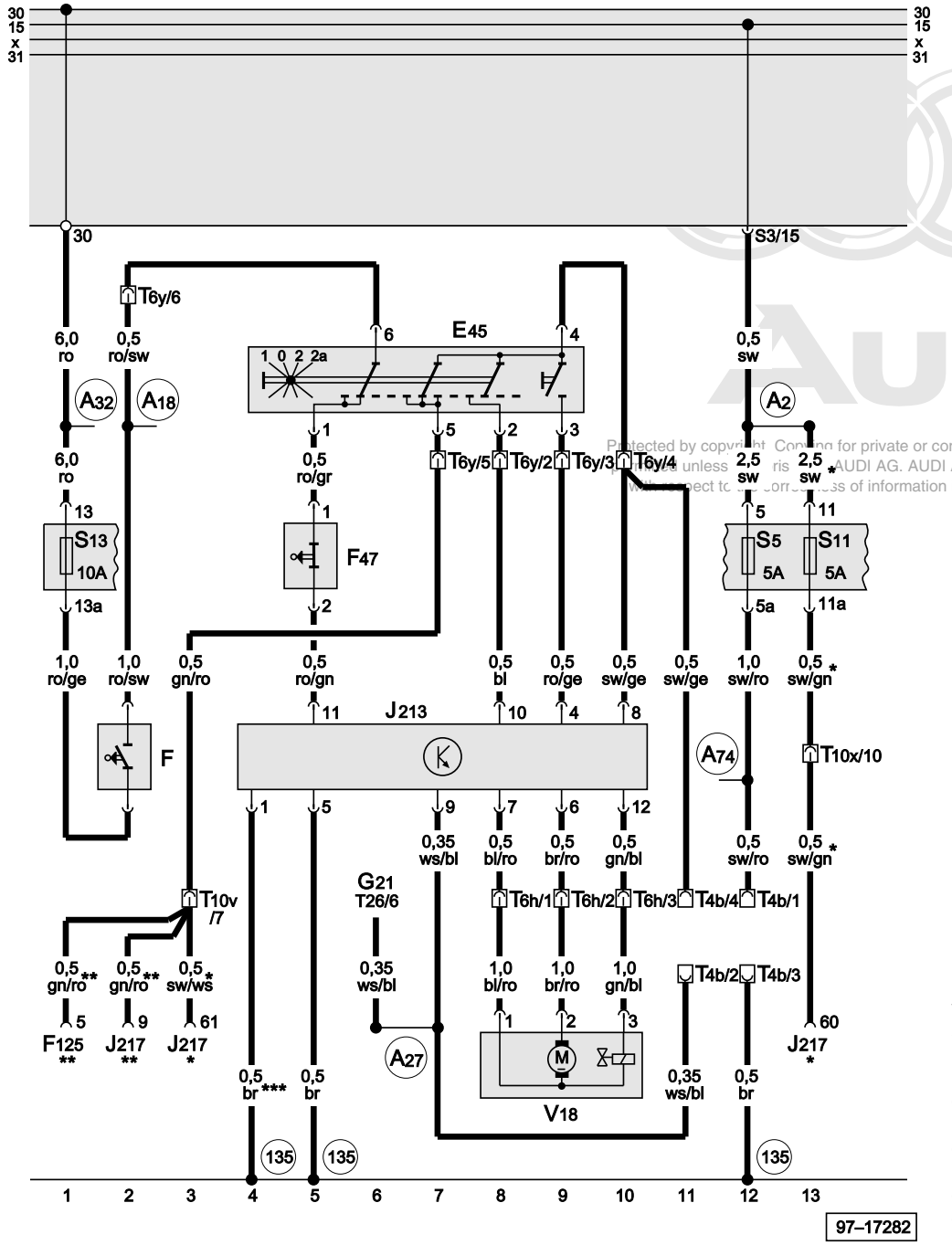


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Cruise control system with automatic gearbox for fuel injection engines

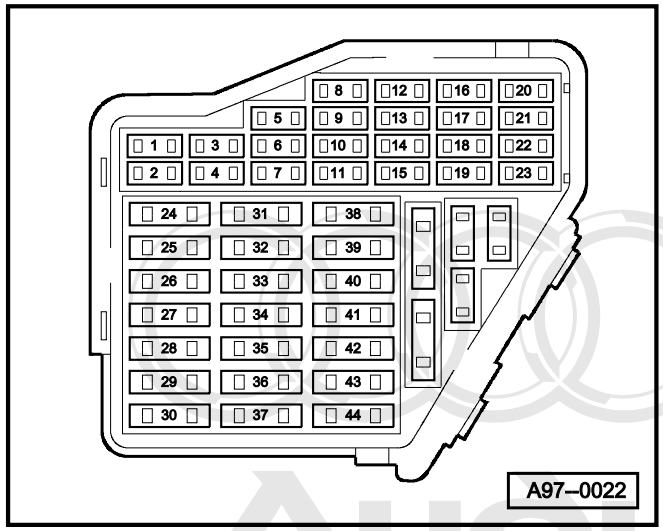
E45	Cruise control system switch
F	Brake light switch
F47	Cruise control system brake pedal switch
F125	Multi-function switch
G21	Speedometer
J213	Cruise control system control unit
J217	Automatic gearbox control unit
S5	Fuse in fuse box
S11	Fuse in fuse box
S13	Fuse in fuse box
T4b	4-pin connector, schwarz, in centre console rear
T6h	6-pin connector, black, left connector point, A pillar
T6y	6-pin connector, steering column
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V18	Vacuum pump for automatic speed control
A5	Positive (+) connection (30a), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Only models with four speed automatic gearbox
**	Only models with five speed automatic gearbox
***	Only models with engine of 110 kW

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Cruise control system (1.9 litre turbo-diesel engine "TDI", 66kW, 4-cylinder)

From November 1994 onwards

Fuse box:

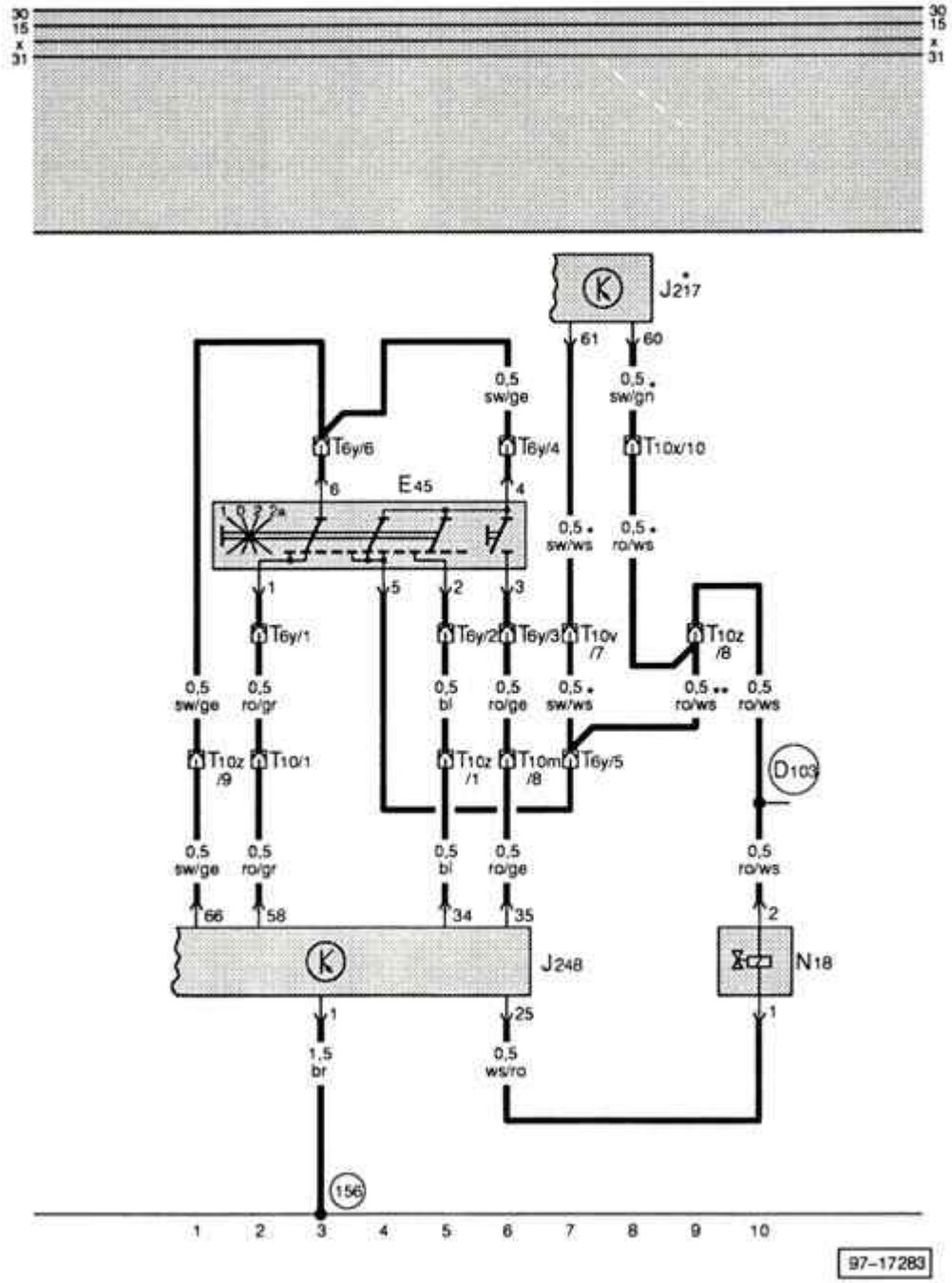


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige



Cruise control system (1.9 litre turbo-diesel engine 'TDI', 66kW, 4-cylinder)

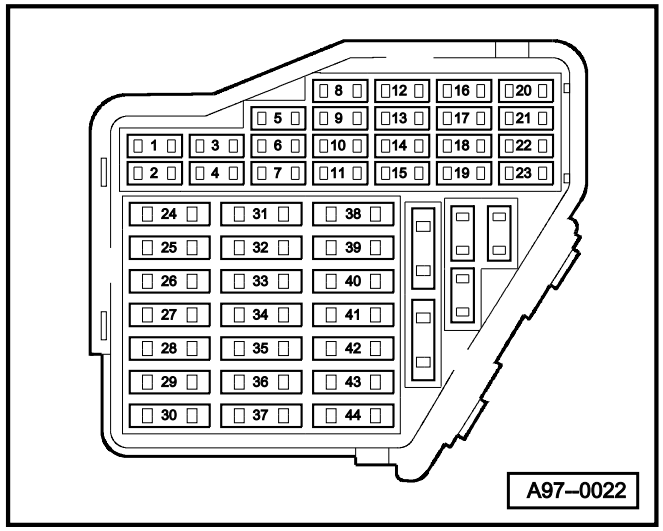
E45	Cruise control system switch
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
T6y	6-pin connector, black, in steering column
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, red, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only applies to models with automatic gearbox
**	Only applies to models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 80W (models without air conditioner)

From November 1994 onwards

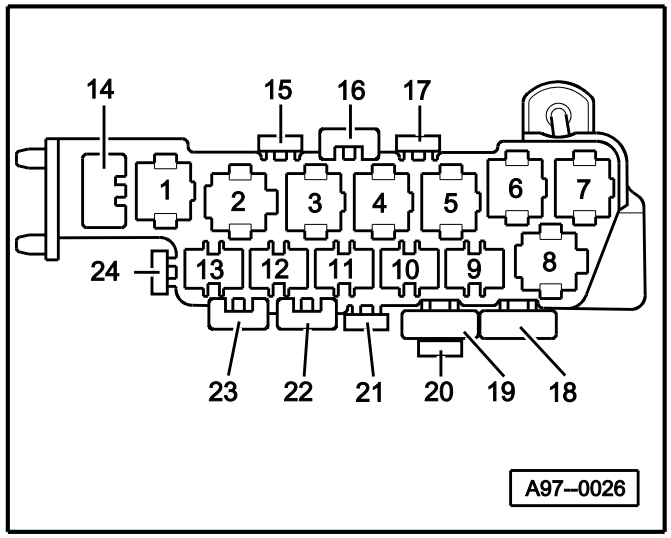
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



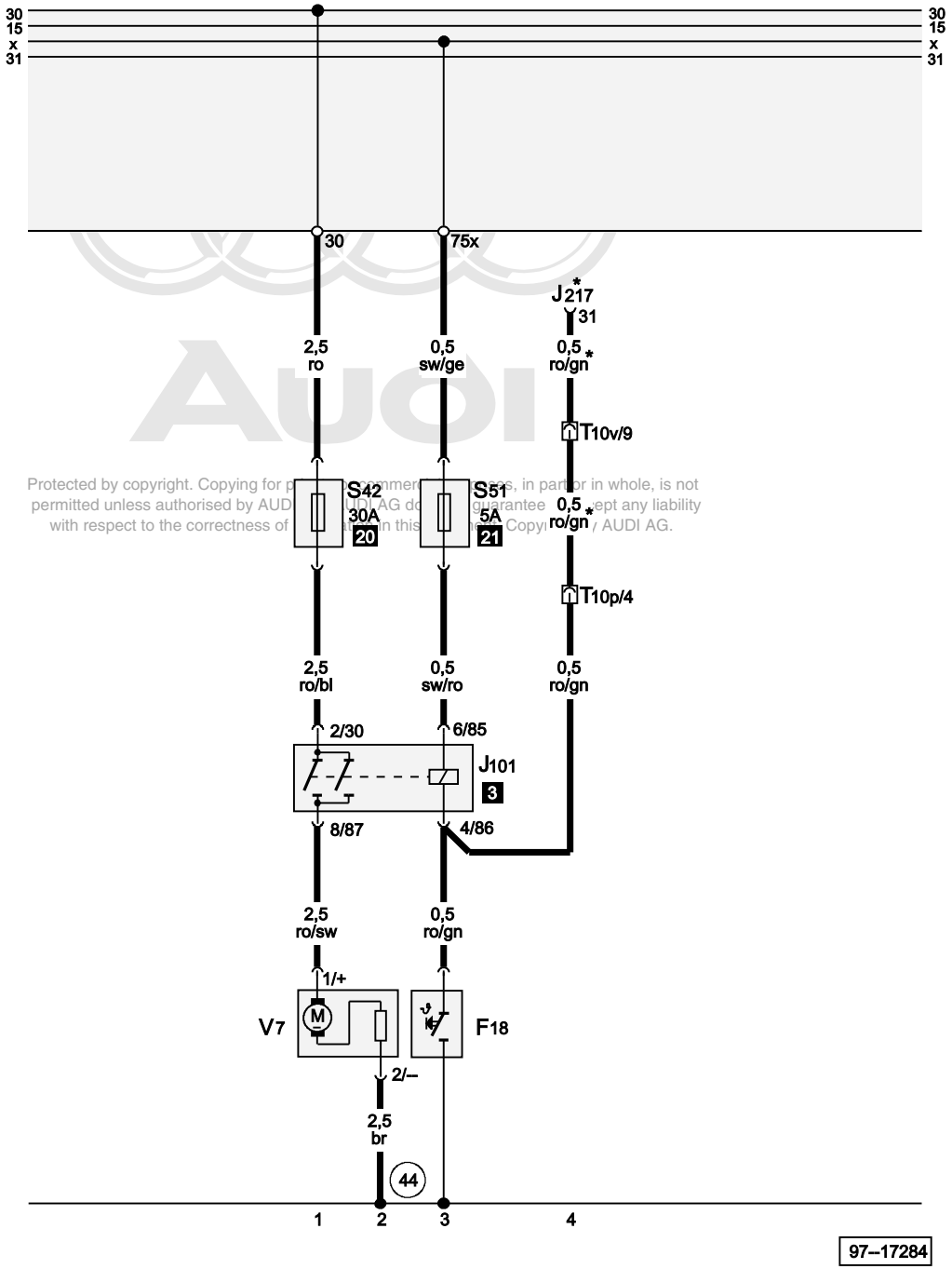
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Position of relays:

3 - Radiator fan relay (maximum speed)
20 - Radiator fan single fuse
21 - Radiator fan single fuse (relay coil)

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige



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Radiator fan control - 80W (models without air conditioner)

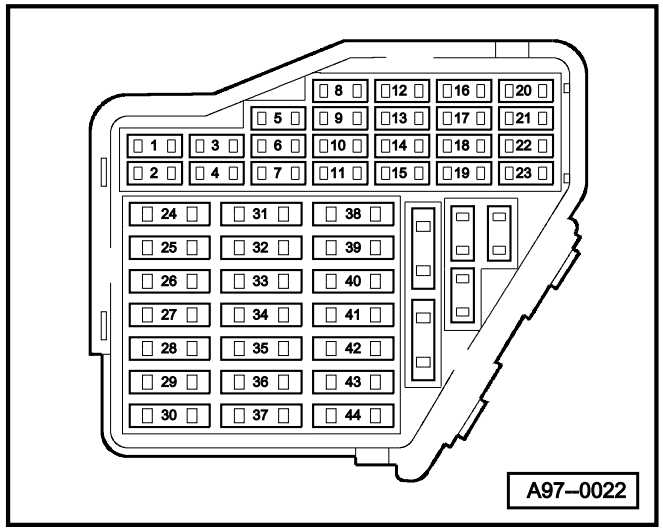
F18	Radiator fan thermo-switch
J101	Radiator fan relay (maximum speed)
J217	Automatic gearbox control unit
S42	Radiator fan single fuse
S51	Radiator fan single fuse (relay coil)
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A pillar
*	Only applies to 1.9 litre turbo-diesel engine, TDI, 66kW, with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 300W (without air conditioner)

From November 1994

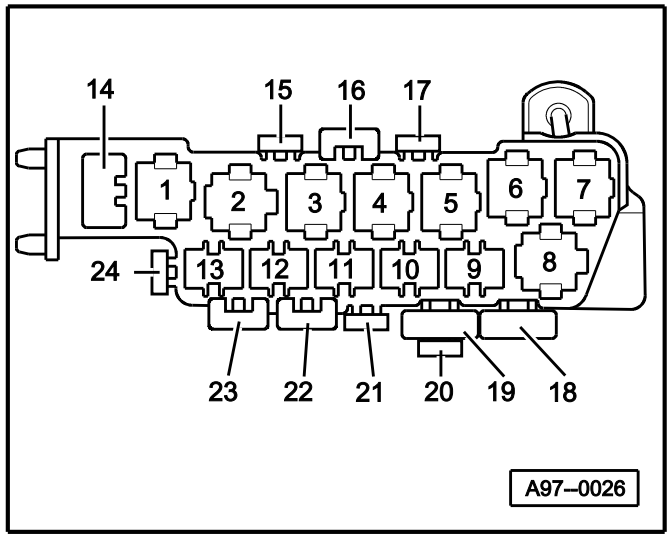
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



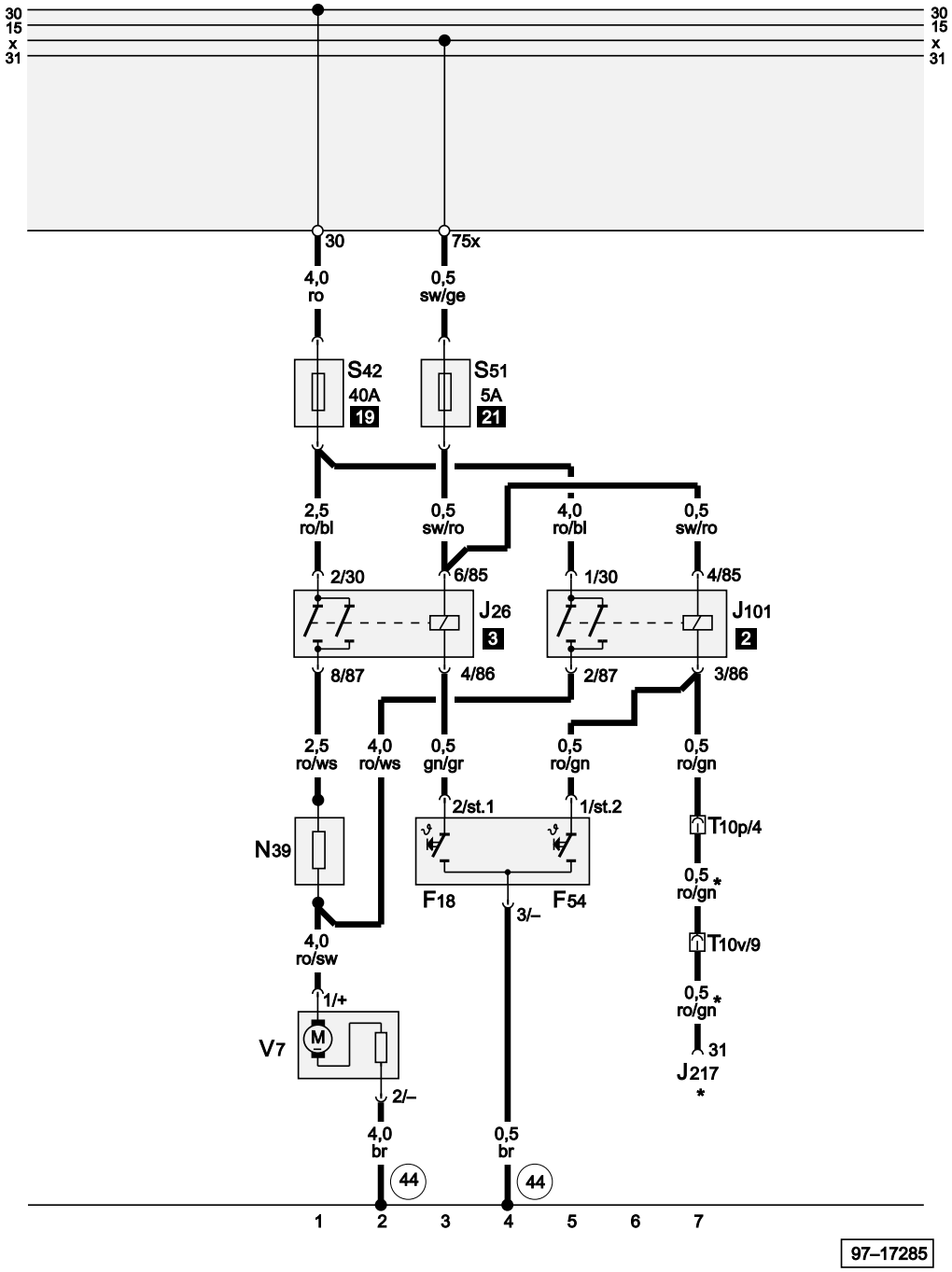
Position of relays:

2 - Radiator fan relay (completely)
3 - Radiator fan relay 1st speed
19 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Radiator fan control - 300W (without air conditioner)

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay (maximum speed)
J217	Automatic gearbox control unit
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A-pillar
*	Only models with 1.9 l-TDI engine, 66 kW with automatic gearbox

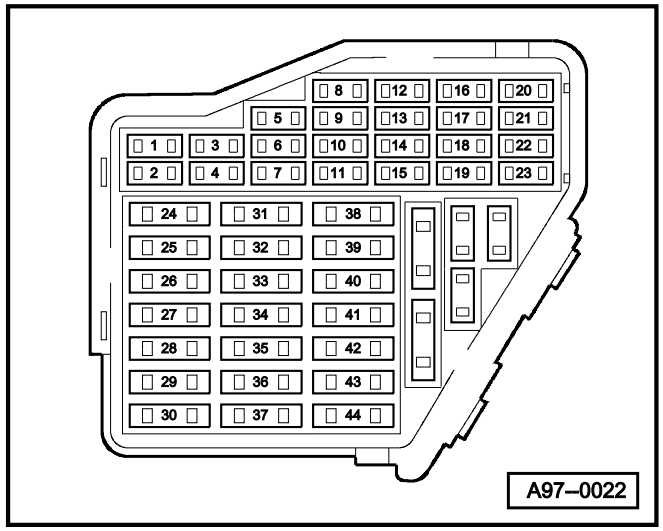
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric seat adjustment, driver's seat

From November 1994 onwards

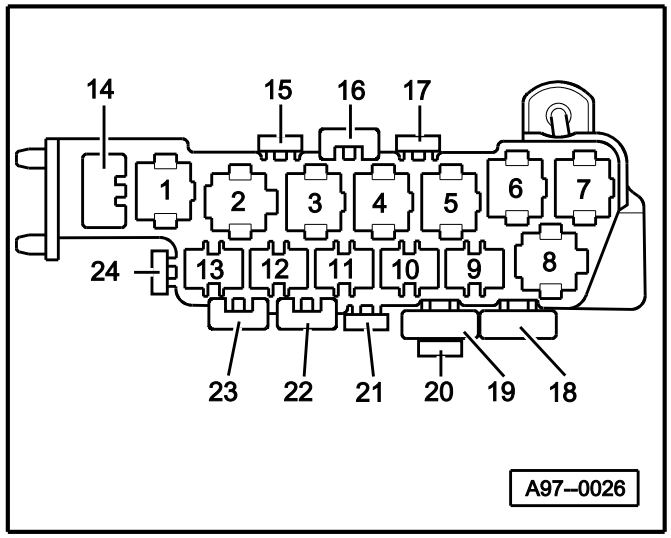
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



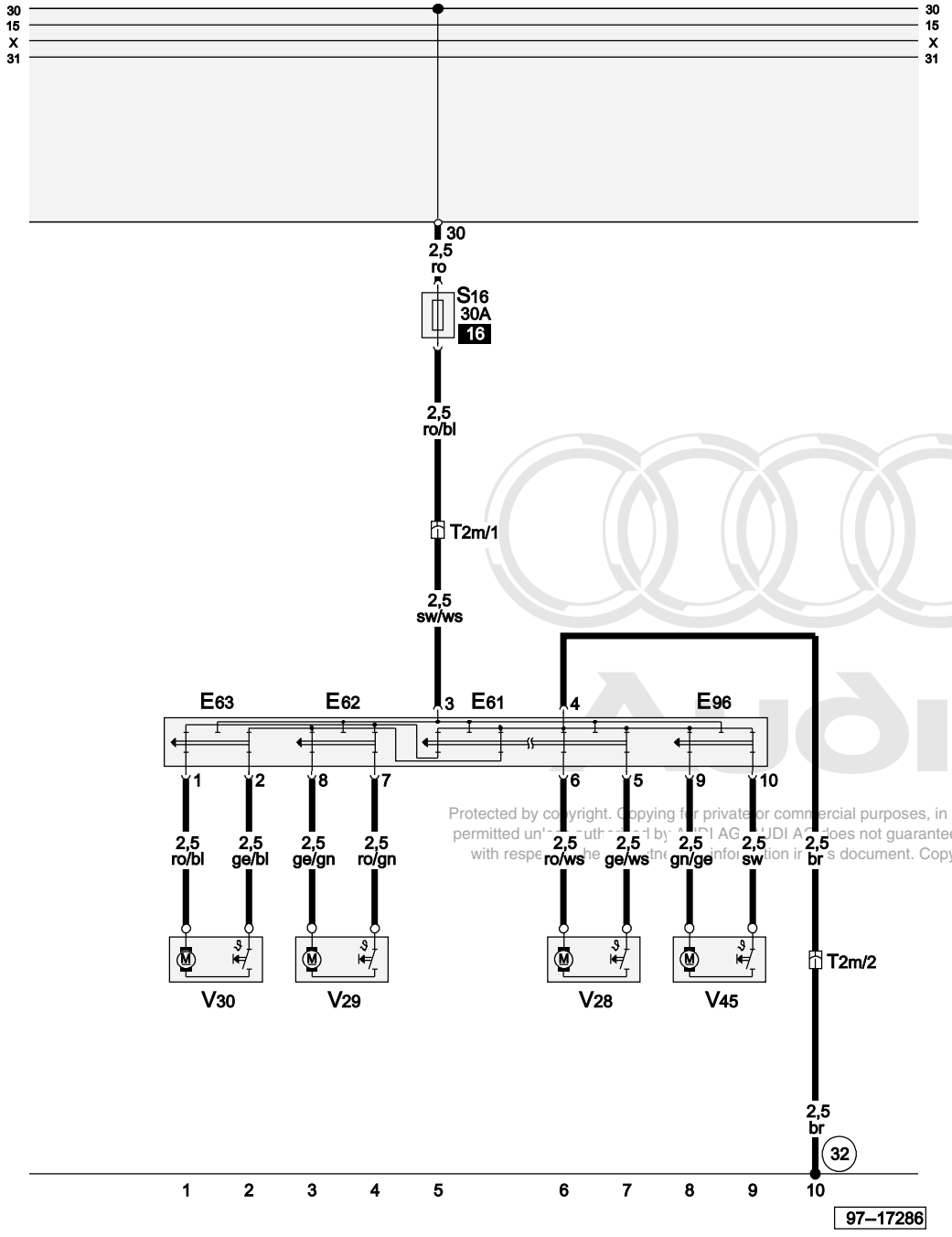
Position of relays:

16 - Seat adjustment fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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or = orange
rs = pink

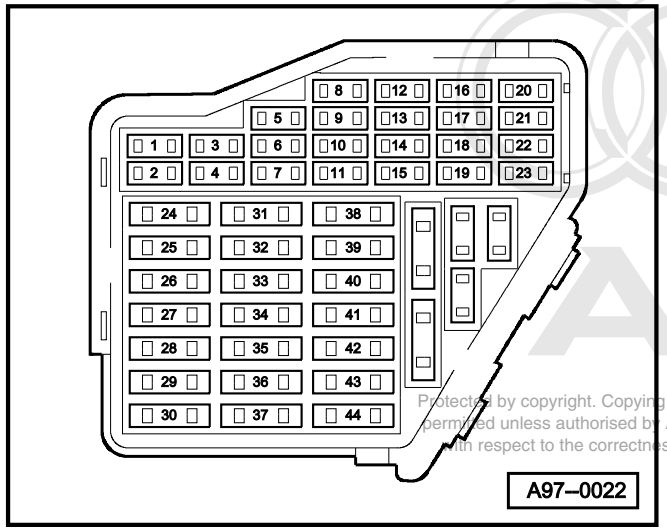
Electric seat adjustment, driver's seat

E61	Switch for driver's seat height and longitudinal adjustment
E62	Front height adjustment switch, driver's seat
E63	Rear height adjustment switch, driver's seat
E96	Backrest adjustment switch, driver's seat
S16	Fuse in fuse box/relay plate
T2m	2-pin connector, black, under driver's seat
V28	Longitudinal adjustment motor, driver's seat
V29	Front height adjustment motor, driver's seat
V30	Rear height adjustment motor, driver's seat
V45	Backrest adjustment motor, driver's seat
32	Earth point, behind dash panel, left

Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

From November 1994

Fuse box:

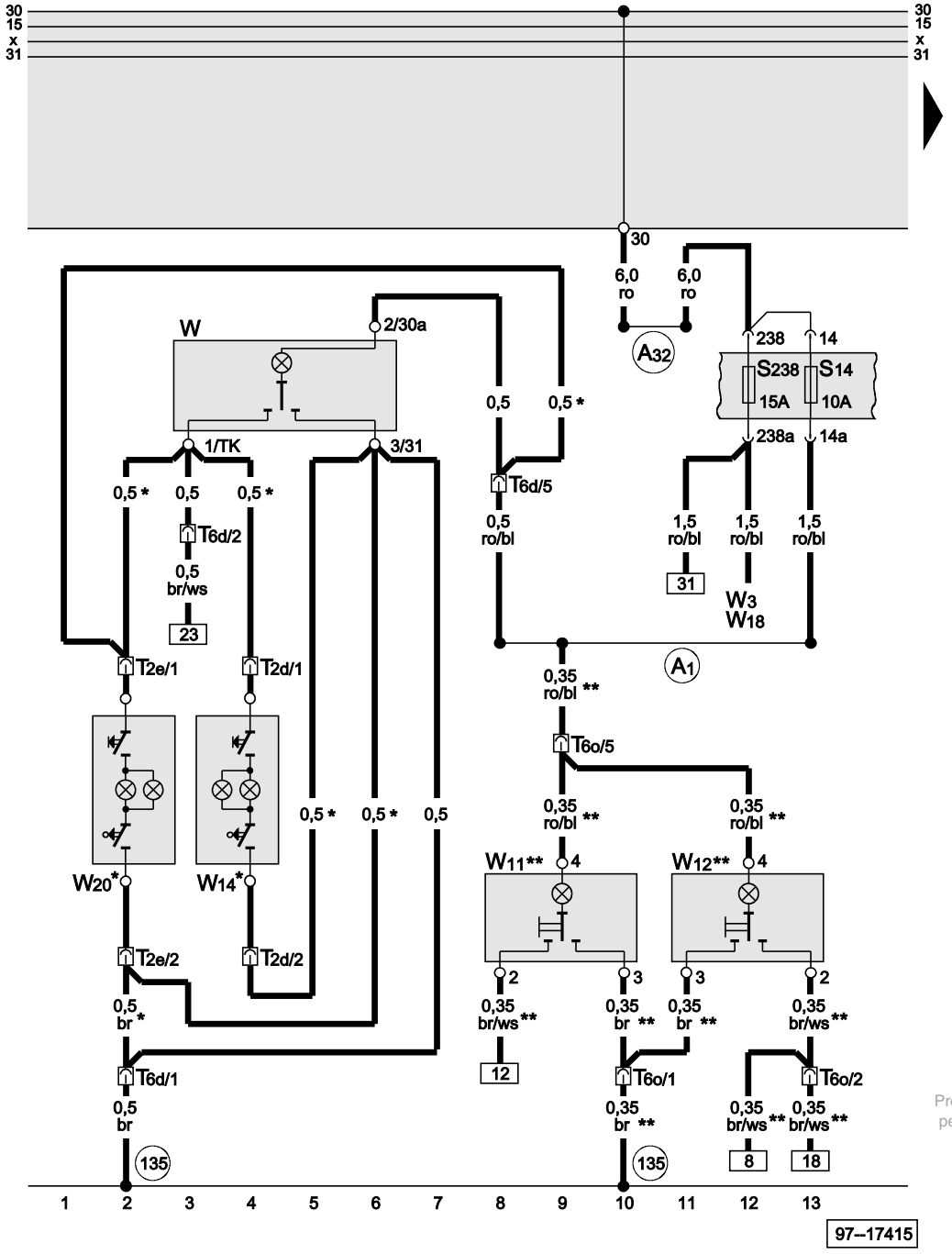


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

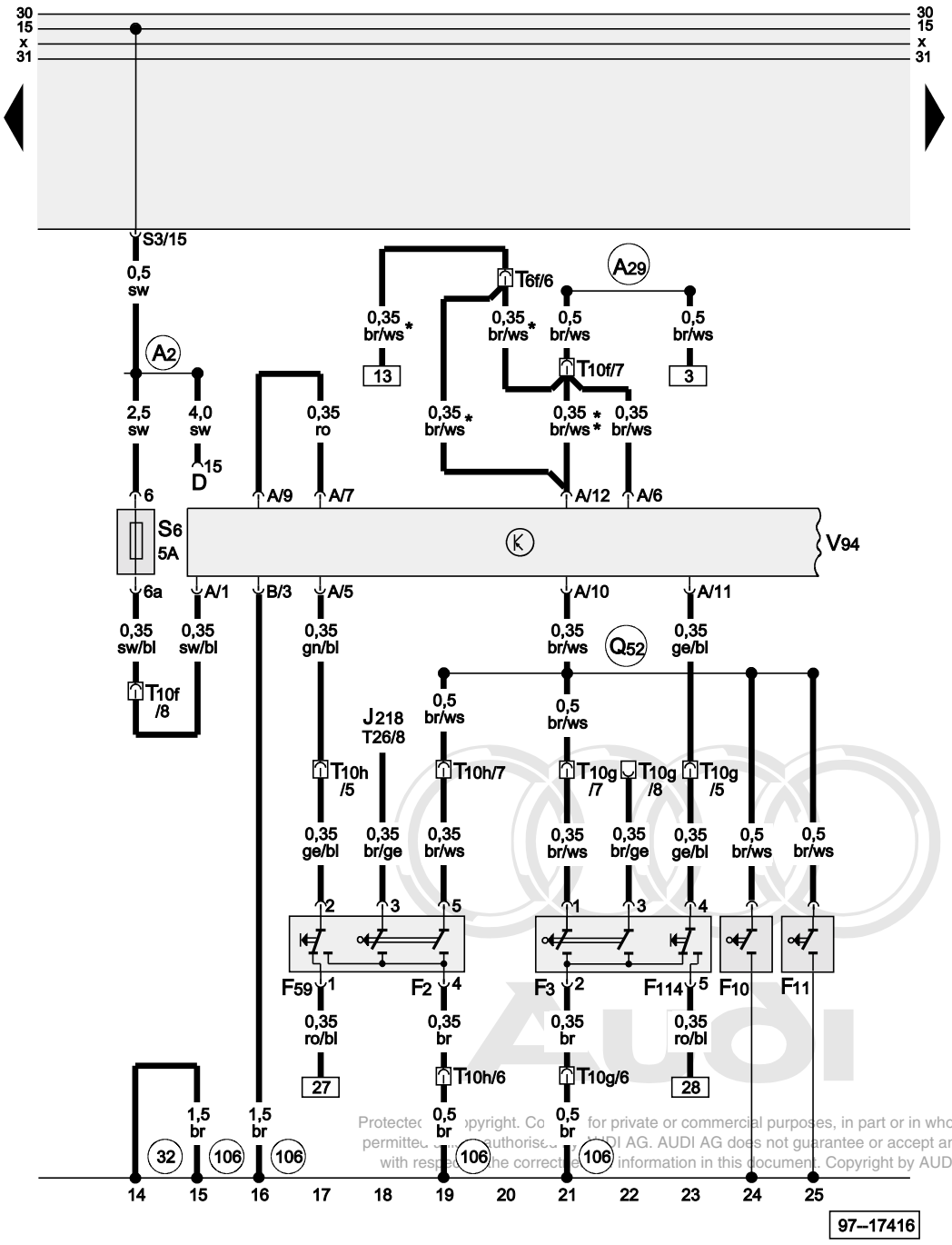


Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

S14	Fuse in fuse box/relay plate
S238	Fuse in fuse box
T2d	2-pin connector, white, near interior light
T2e	2-pin connector, white, near interior light
T6d	6-pin connector, dark brown, left connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
W	Interior light, front
W3	Luggage compartment light
W11	Reading lamp, rear left
W12	Reading lamp, rear right
W14	Illuminated vanity mirror, front passenger's side
W18	Luggage compartment light, left
W20	Illuminated vanity mirror, driver's side
135	Earth connection -2-, in dash panel wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
*	Only applies to models with illuminated vanity mirrors
**	Only applies to models with reading lamps

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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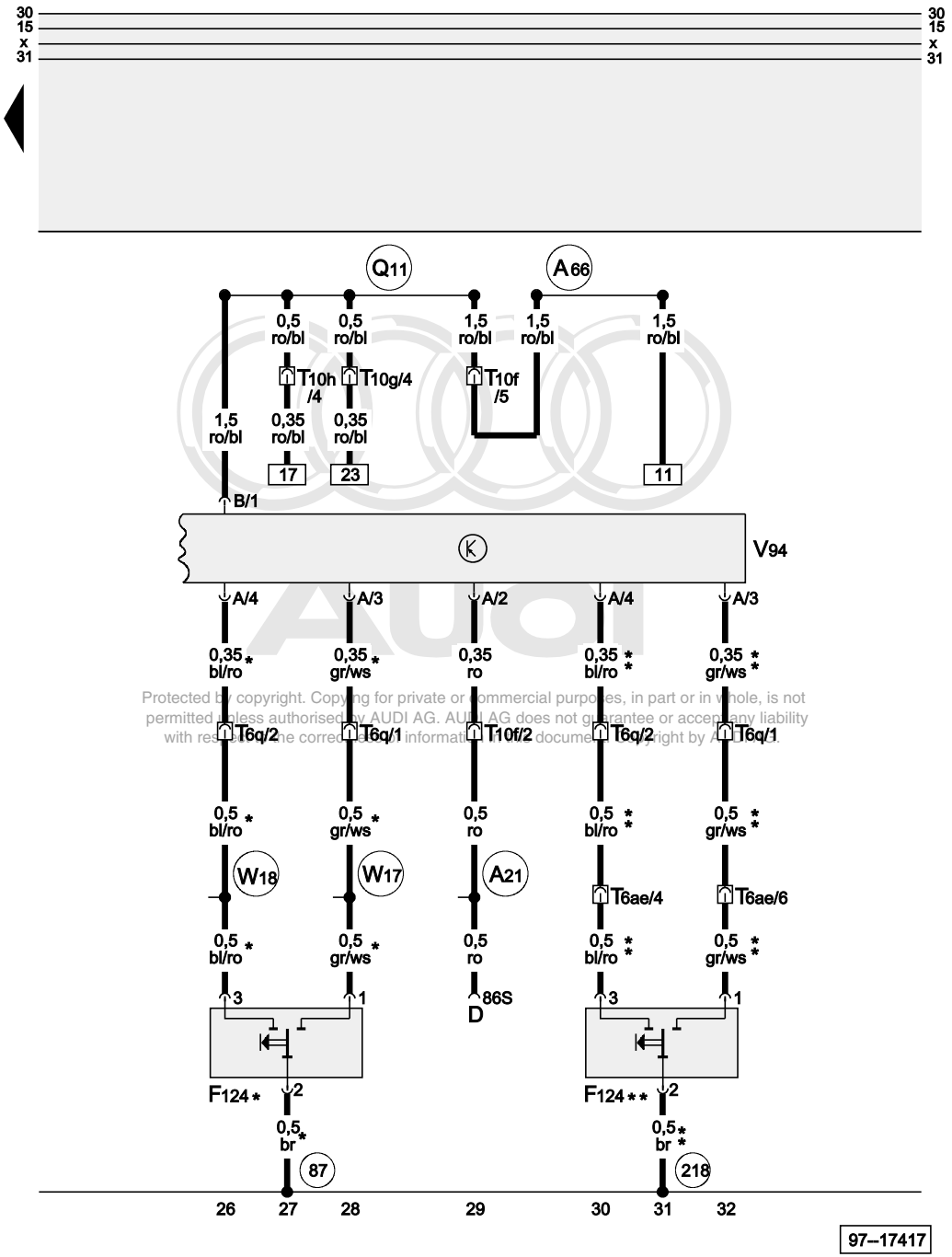


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

D	Ignition/starter switch
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
F59	Central locking switch (driver's side)
F114	Central locking switch (front passenger's side)
J218	Combi-processor in dash panel insert
S6	Fuse in fuse box
T6f	6-pin connector, orange, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
32	Earth point, behind dash panel, left
106	Earth connection, in anti-theft alarm system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	Only applies to models with reading lamps
**	Does not apply to models with reading lamps

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Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

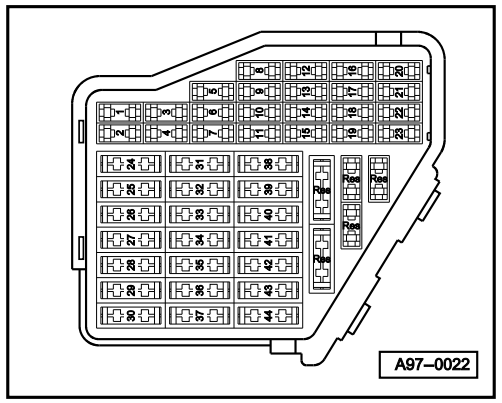
D	Ignition/starter switch
F124	Contact switch in lock cylinder for rear lid/central locking
T6q	6-pin connector, purple, left connector point, A pillar
T6ae	6-pin connector, white, in luggage compartment, rear left
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
87	Earth connection -2-, in rear wiring harness
218	Earth connection -1-, in rear lid wiring harness
A21	Connection (86s), in dash panel wiring harness
A66	Connection (30a, ZV (central locking)), in dash panel wiring harness
Q11	Positive (+) connection (30az), in central locking wiring harness
W17	Connection (lock cylinder open), in rear wiring harness
W18	Connection (lock cylinder closed), in rear wiring harness
*	Only applies to Audi saloon models
**	Only applies to Audi Avant models (from 1996 model year)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Daytime driving lights with front and rear fog lights

From November 1994

Fuse box:

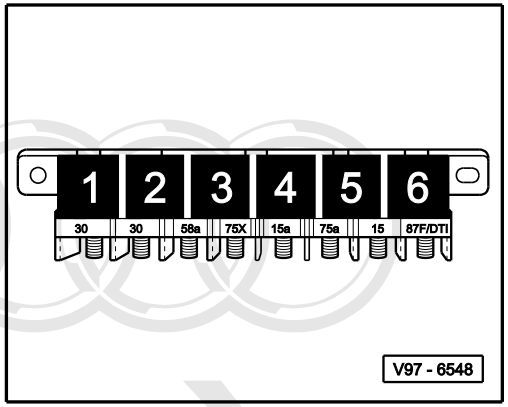


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

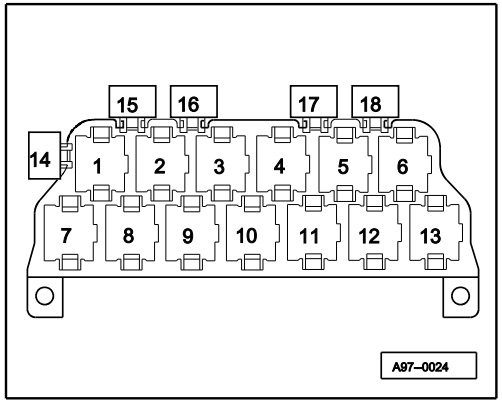
Central electrics - front side:



Position of relays:

1 – X contact relief relay

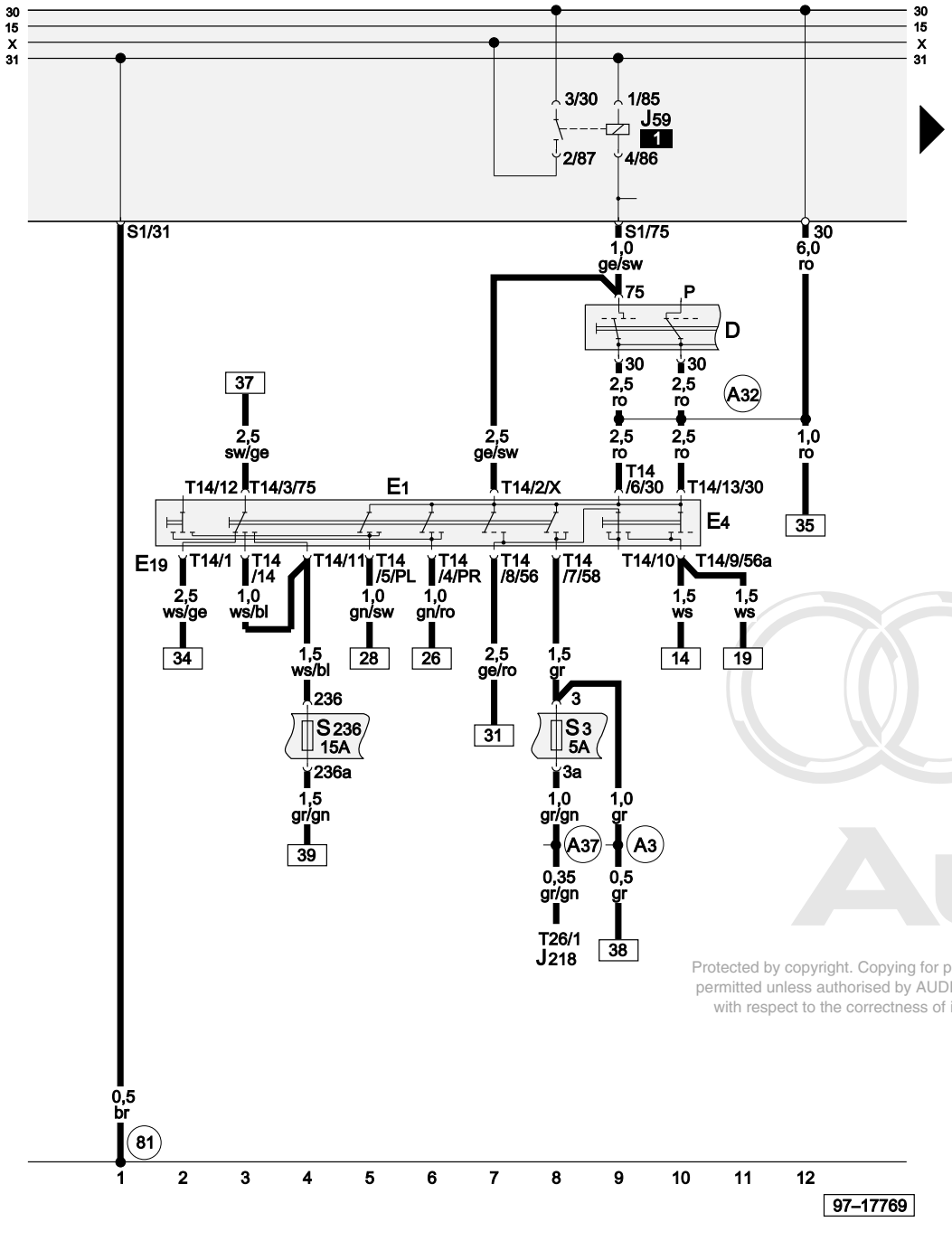
13-point relay carrier:



Position of relays:

8 – Relay for daytime driving lights
9 – Driving lights relay
10 – Fog light relay

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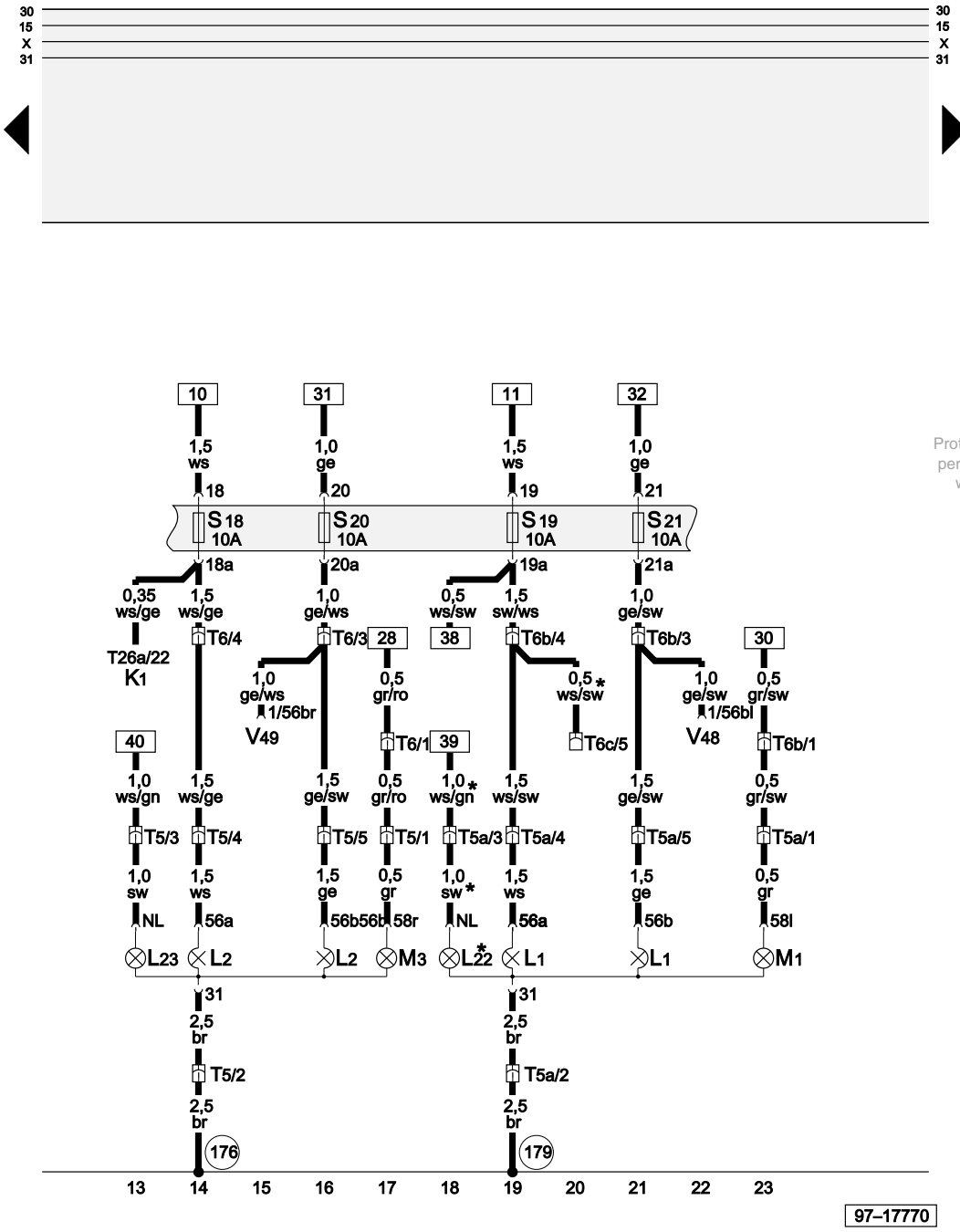


Daytime driving lights with front and rear fog lights

D	Ignition/starter switch
E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J59	X contact relief relay
J218	Combi-processor in dash panel insert
S3	Fuse in fuse box
S236	Fuse in fuse box
T14	14-pin connector, black, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness

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ws	=	white
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

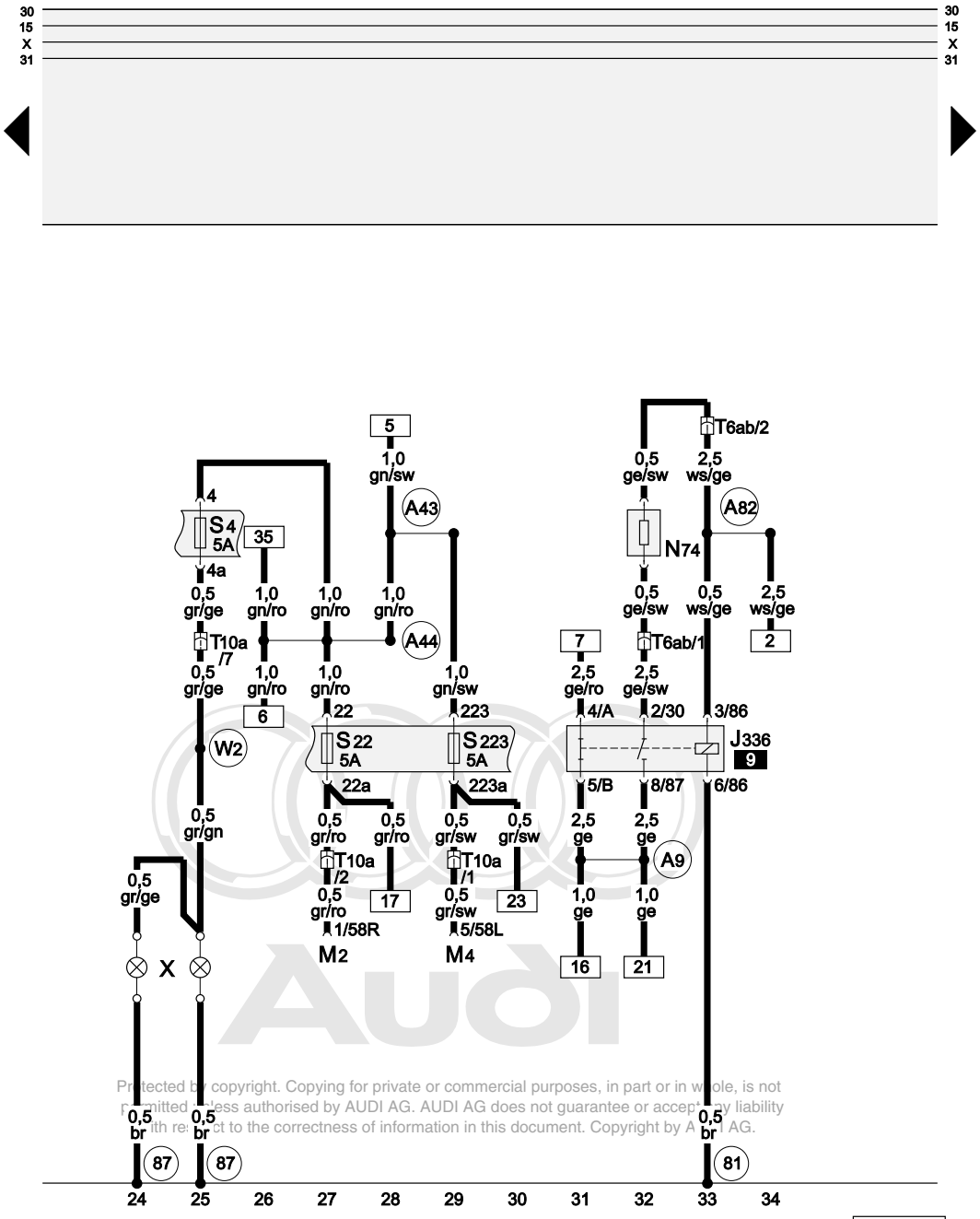


Daytime driving lights with front and rear fog lights

K1	Main beam warning lamp
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L22	Fog light bulb, left
L23	Fog light bulb, right
M1	Side light bulb, left
M3	Side light bulb, right
S18	Fuse in fuse box
S19	Fuse in fuse box
S20	Fuse in fuse box
S21	Fuse in fuse box
T5	5-pin connector, near headlight, right
T5a	5-pin connector, near headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
V48	Headlight range control motor, left
V49	Headlight range control motor, right
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
*	Only models with equipment fog light

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gn	=	green
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li	=	purple
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rs	=	pink

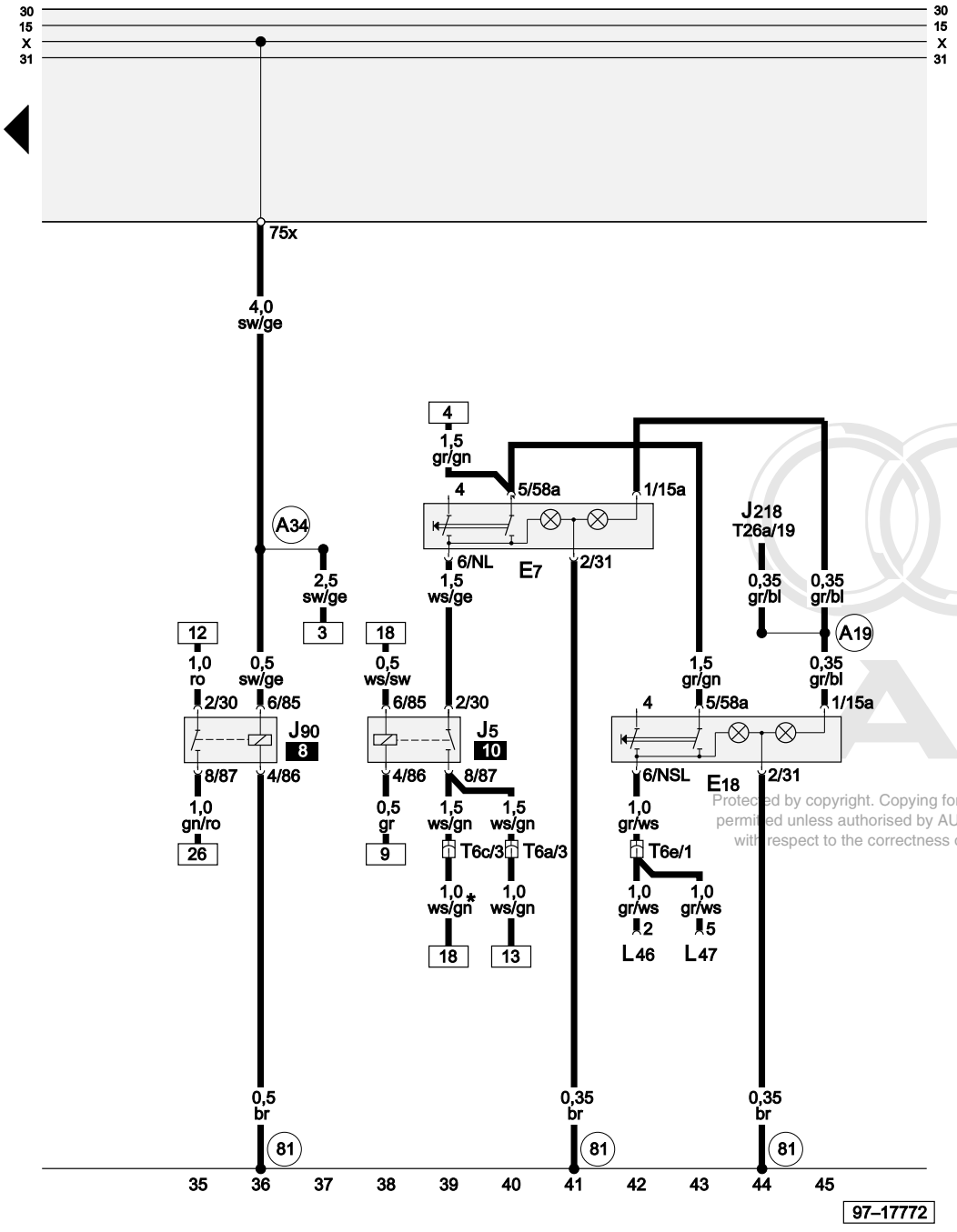


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Daytime driving lights with front and rear fog lights

J336	Relay for driving light
M2	Tail light bulb, right
M4	Tail light bulb, left
N74	Resistance wire
S4	Fuse in fuse box
S22	Fuse in fuse box
S223	Fuse in fuse box
T6b	6-pin connector, yellow, left connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
X	Number plate light
81	Earth connection -1-, in dash panel wiring harness
87	Earth connection -2-, in rear wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
A82	Connection (column switch trim 1- daytime driving light), in dash panel wiring harness
W20	Positive (+) connection (58), in rear wiring harness

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Daytime driving lights with front and rear fog lights

E7	Fog light switch
E18	Rear fog light switch
J5	Fog light relay
J90	Relay for daytime driving lights
J218	Combi-processor in dash panel insert
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
T6a	6-pin connector, red, right connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
*	Only models with equipment fog light

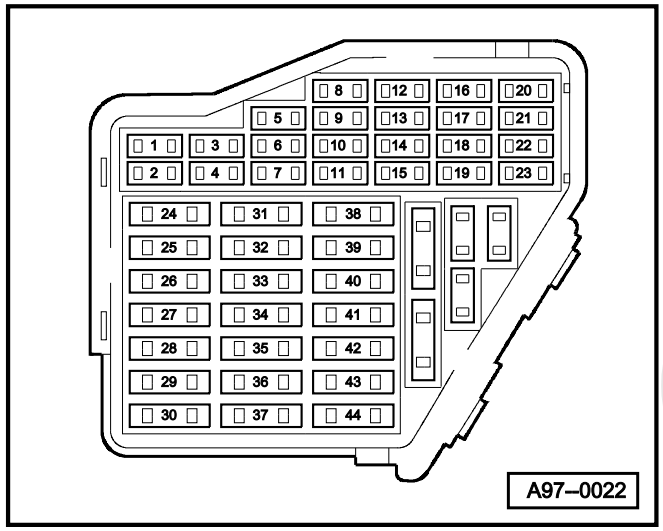
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sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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Audi A4 (2.8 litre fuel injection engine, 128 kW, Multi-point injection, 6 cylinder), engine codes AAH

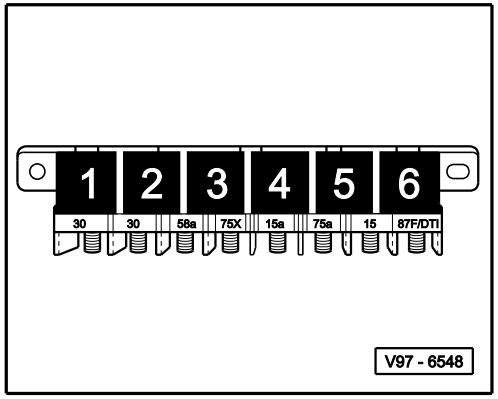
From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

1 - X contact relief relay
2 - Horn relay

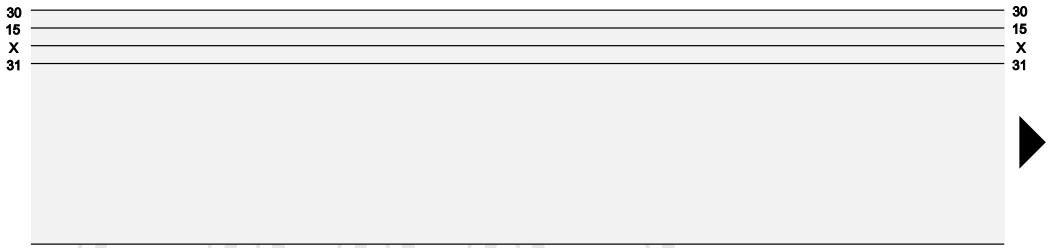
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3 - Headlight washer system relay
4 - Bridge connection on models with manual gearbox
4 - Relay for automatic gearbox
5 - Automatic intermittent wash/wipe relay
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

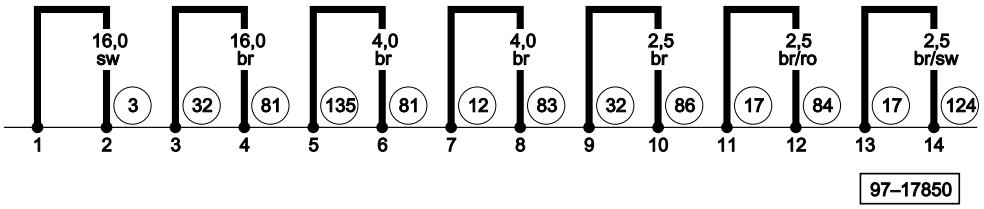
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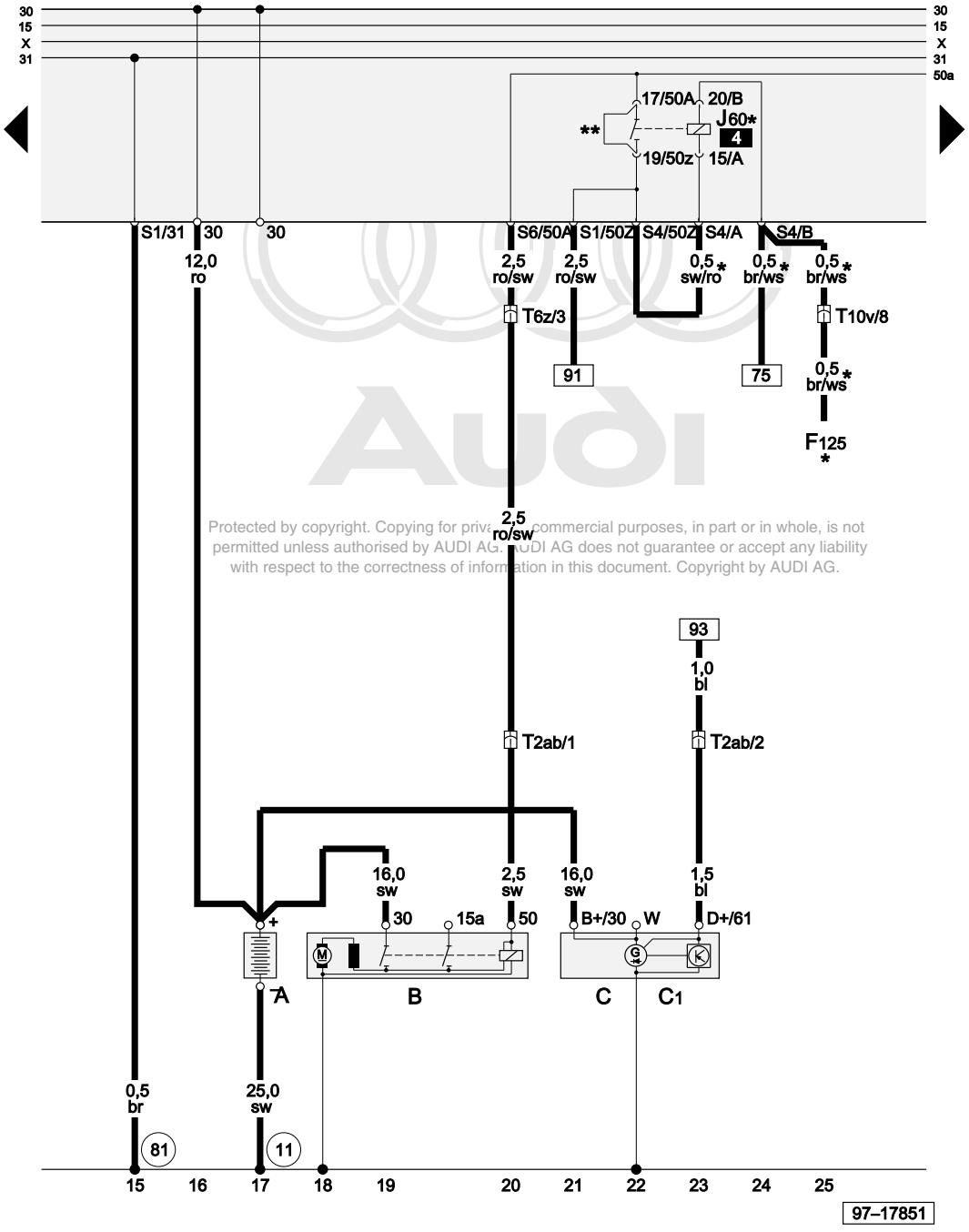
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Earth connections

3	Earth strap, engine support right, to longitudinal member right, front
12	Earth point, in engine compartment, left
17	Earth point, on intake manifold
32	Earth point, behind dash panel, left
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
84	Earth connection, engine mass (performance), in engine compartment, right
86	Earth connection -1-, in rear wiring harness
124	Earth connection, engine mass (electronics), in engine compartment, right
135	Earth connection -2-, in dash panel wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

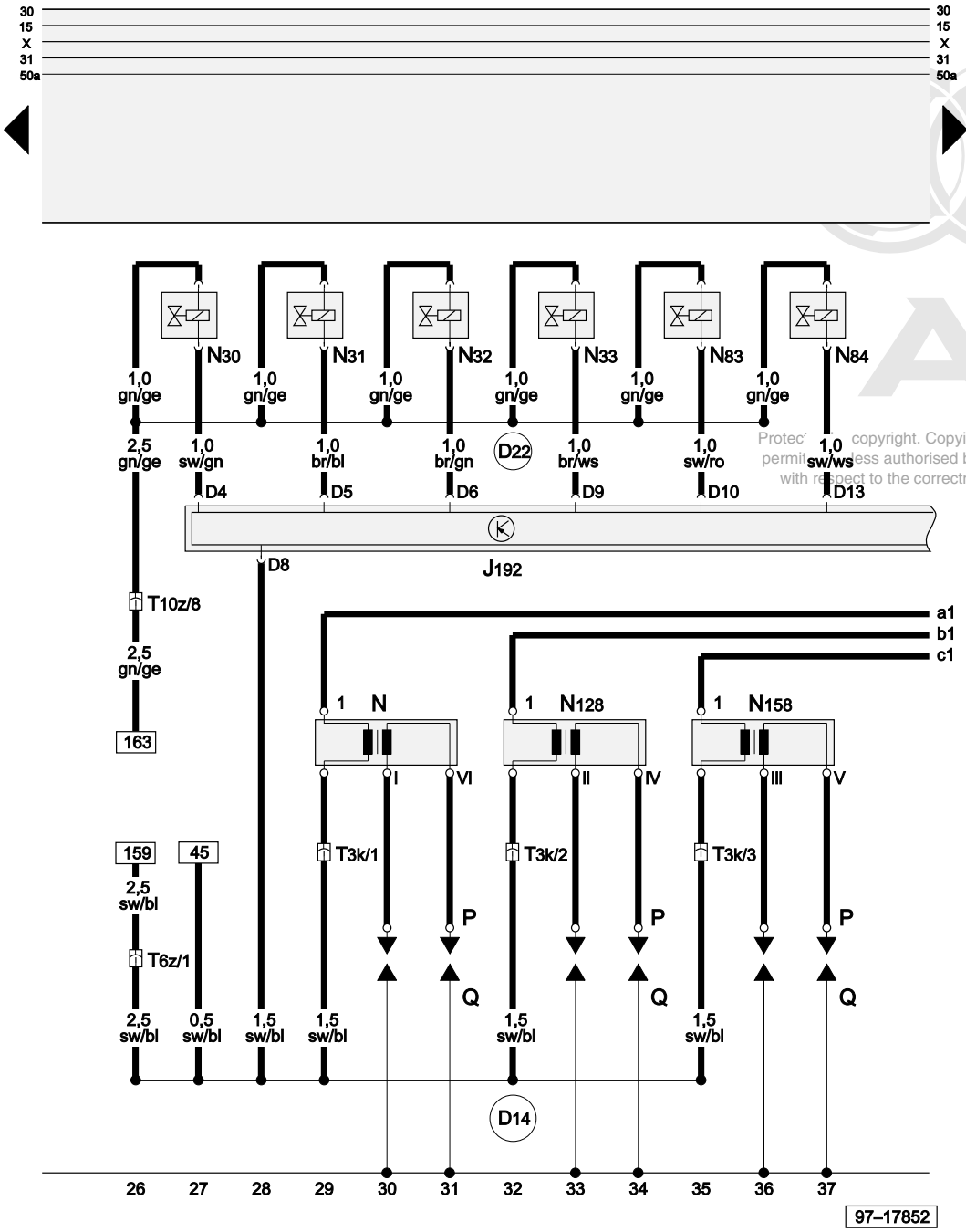


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
F125	Multi-function switch
J60	Relay for automatic gearbox
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
(11)	Earth point, in battery box
(81)	Earth connection -1-, in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

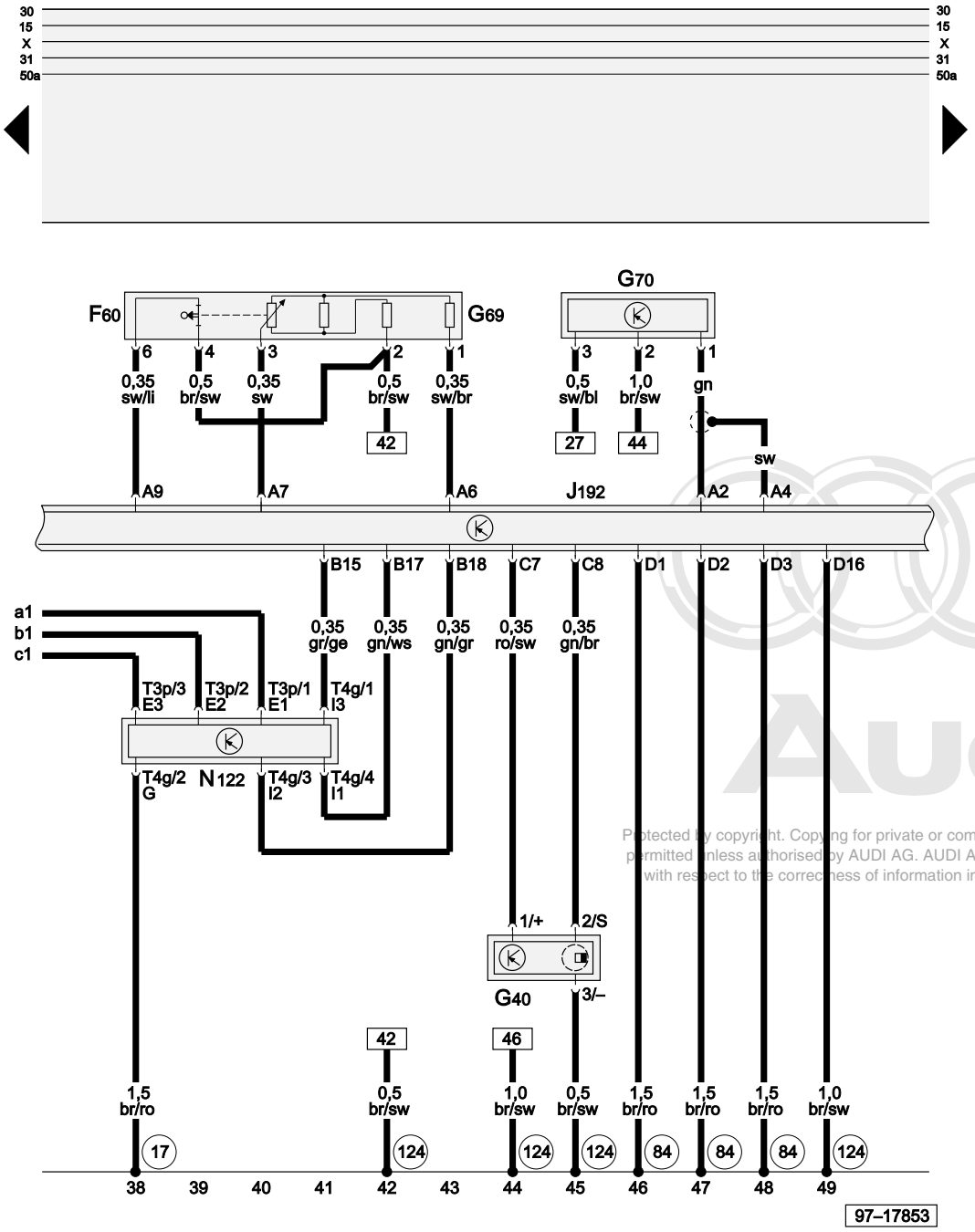


Multi-point injection control unit, ignition system, injectors

J192	Multi-point injection control unit
N	Ignition coil
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T3k	3-pin connector, white, in engine compartment left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D14	Connection (ignition coil - control unit), in front right wiring harness
D22	Connection (via fuse 234), in front right wiring harness

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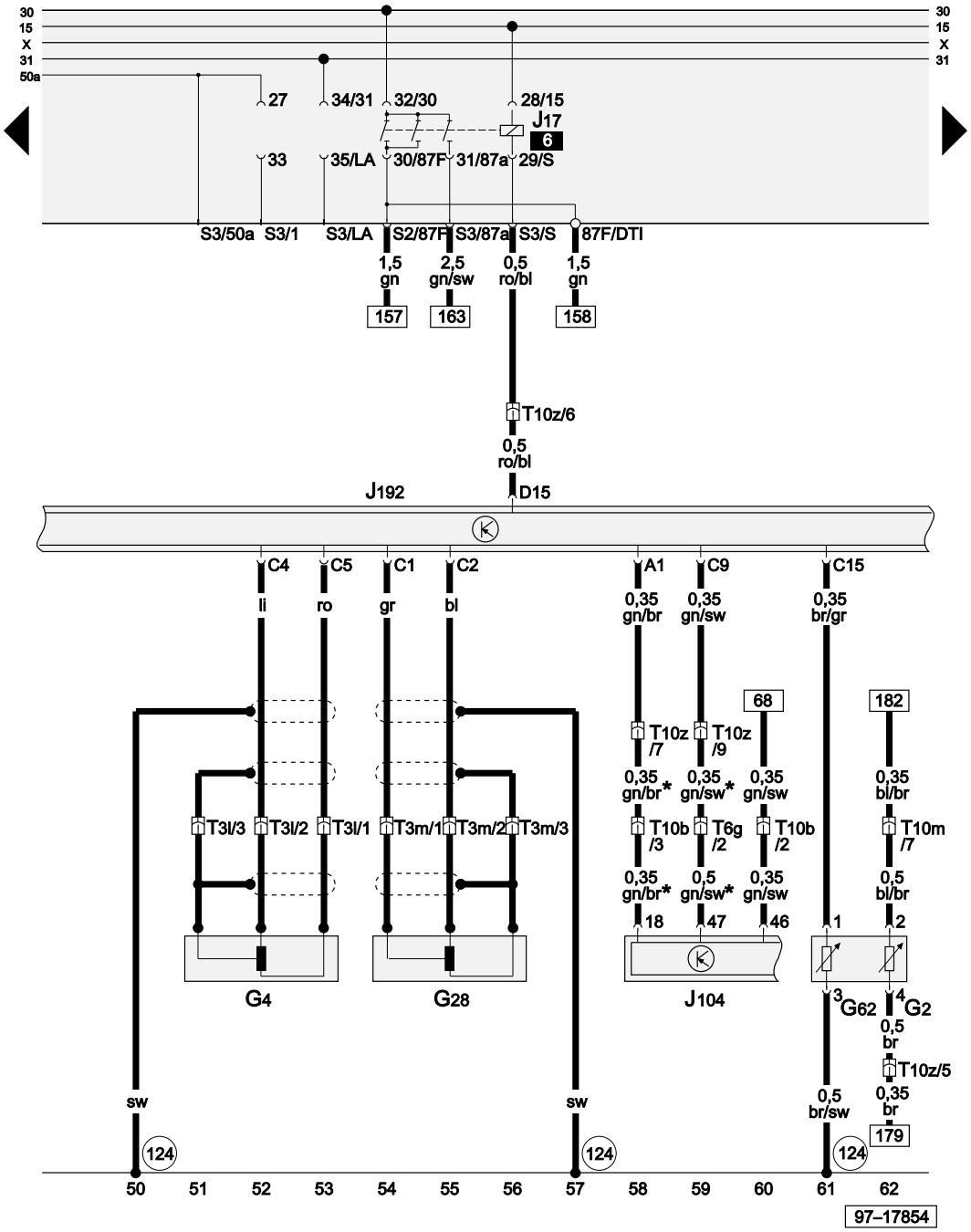


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Multi-point injection control unit, air mass meter, throttle valve potentiometer, hall sender, final output stage for ignition coils

F60	Idling switch
G40	Hall sender
G69	Throttle valve potentiometer
G70	Air mass meter
J192	Multi-point injection control unit
N122	Final output stage
T3p	3-pin connector, green, in engine compartment, left
T4g	4-pin connector, brown, on ignition final output stage
17	Earth point, on intake manifold
84	Earth connection, engine mass (performance), in in front right wiring harness
124	Earth connection, engine mass (electronics), in engine compartment, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

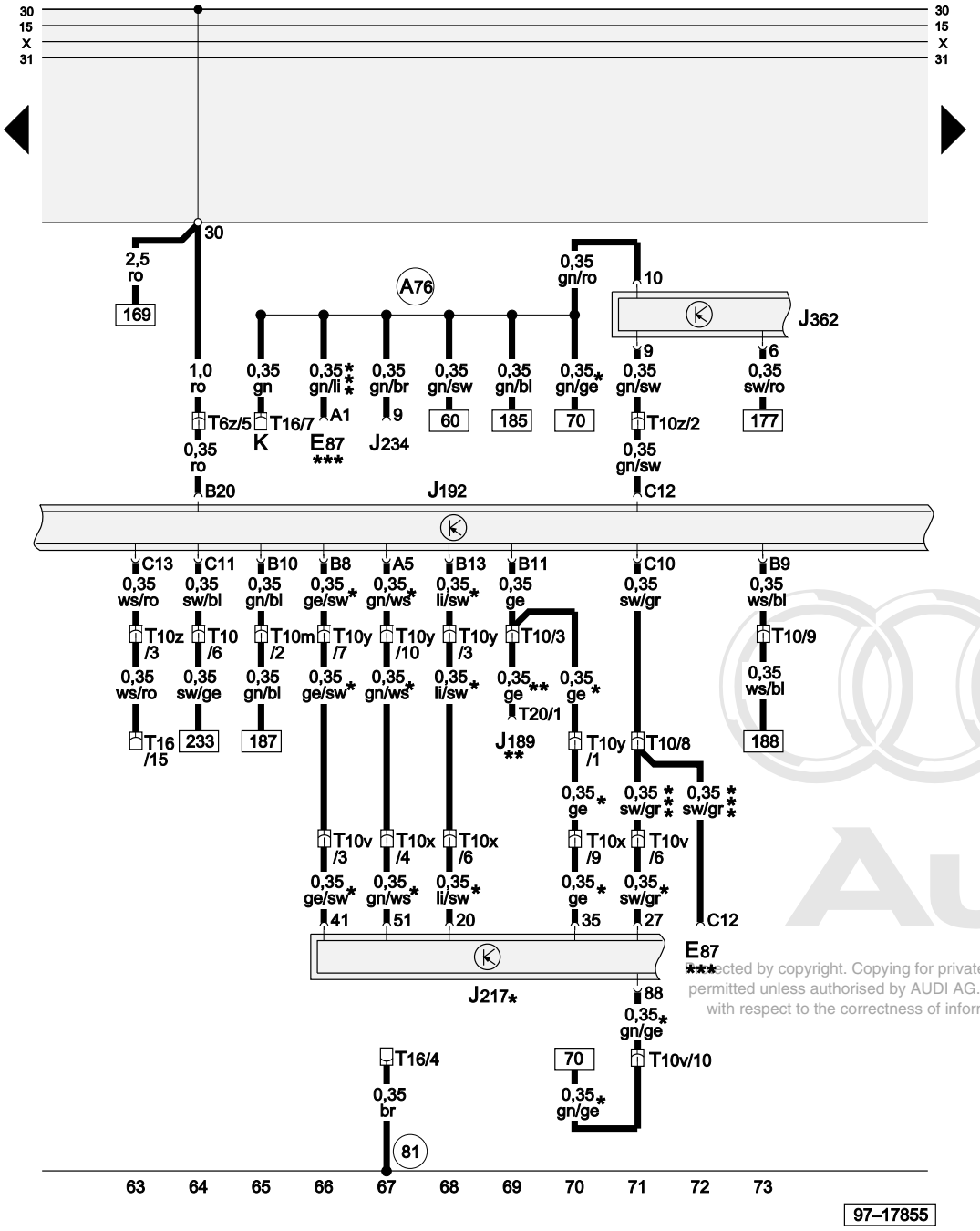


Multi-point injection control unit, firing point sender, engine speed sender, coolant temperature sender, fuel pump relay

G2	Coolant temperature sender
G4	Firing point sender
G28	Engine speed sender
G62	Coolant temperature sender
J17	Fuel pump relay
J104	ABS with EDL control unit
J192	Multi-point injection control unit
T3l	3-pin connector, black, in engine compartment, left
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
124	Earth connection, engine mass (electronics), in engine compartment, right
*	See applicable Current Flow Diagram: ABS

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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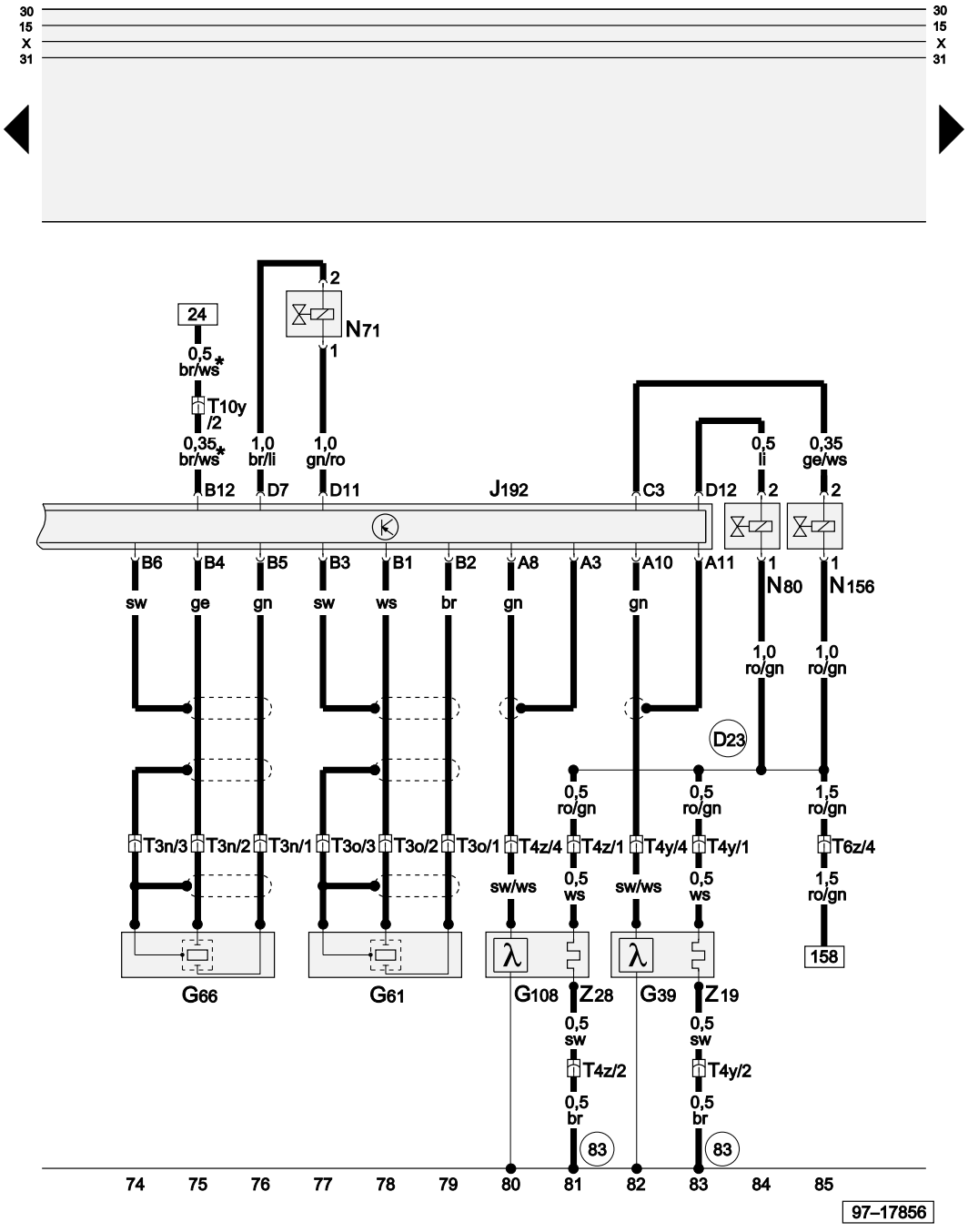


Multi-point injection control unit, diagnostic connector

E87	Control and display unit for air conditioner/Climatronic
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
J362	Immobilizer control unit
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection) in centre console rear
T20	20-pin connector, red/white, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with auto-check system
***	Only models with air conditioner
****	Does not apply to models with air conditioner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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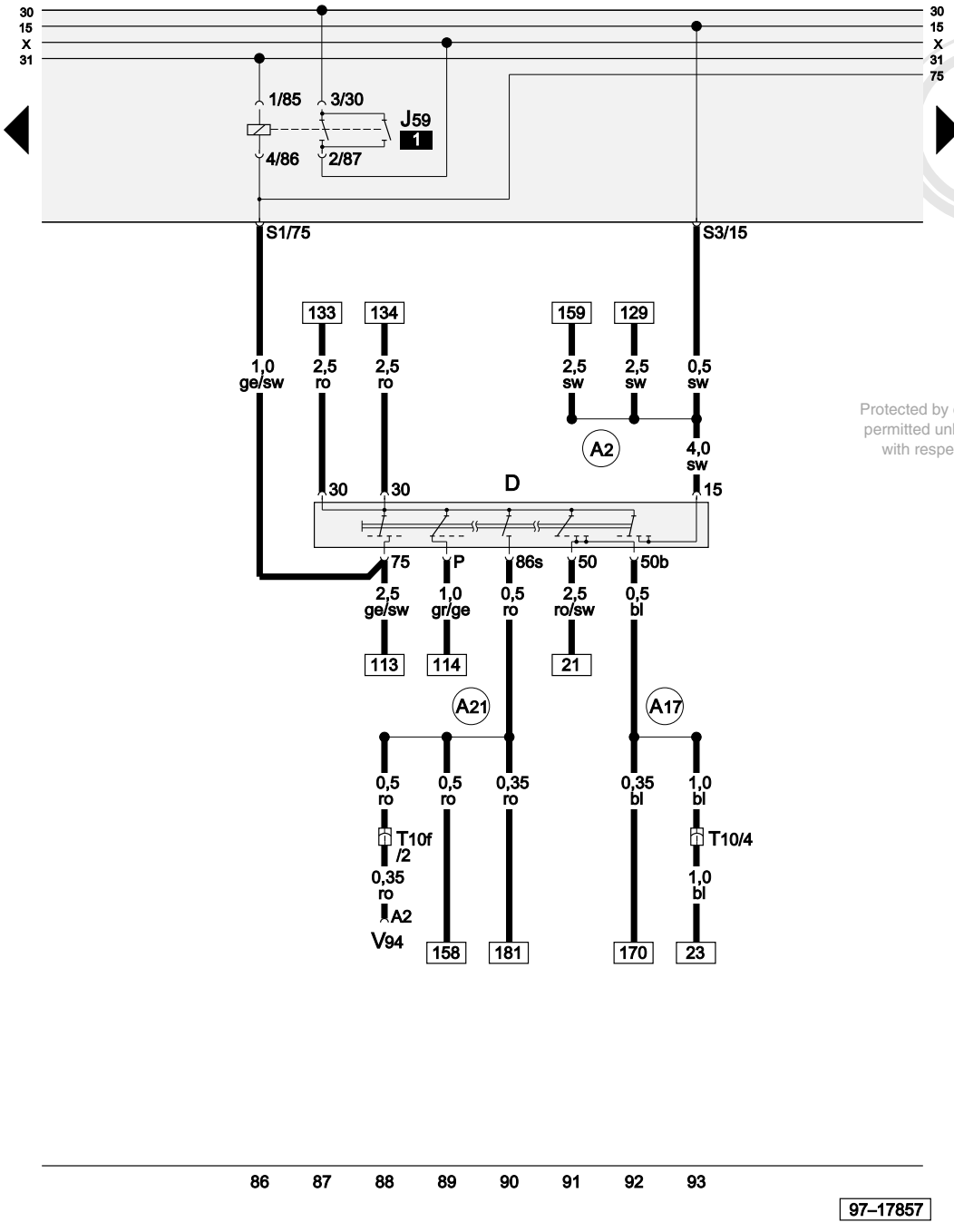


Multi-point injection control unit, fuel pump relay, lambda probes with heating

G39	Lambda probe I
G61	Knock sensor I
G66	Knock sensor II
G108	Lambda probe II
J192	Multi-point injection control unit
N71	Idling stabilization valve
N80	Activated charcoal filter system solenoid valve 1
N156	Intake manifold change-over valve
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
Z19	Lambda probe heater I
Z28	Lambda probe II heater
83	Earth connection -1-, in front right wiring harness
D23	Connection (via fuse 229), in front right wiring harness
*	Only models with automatic gearbox

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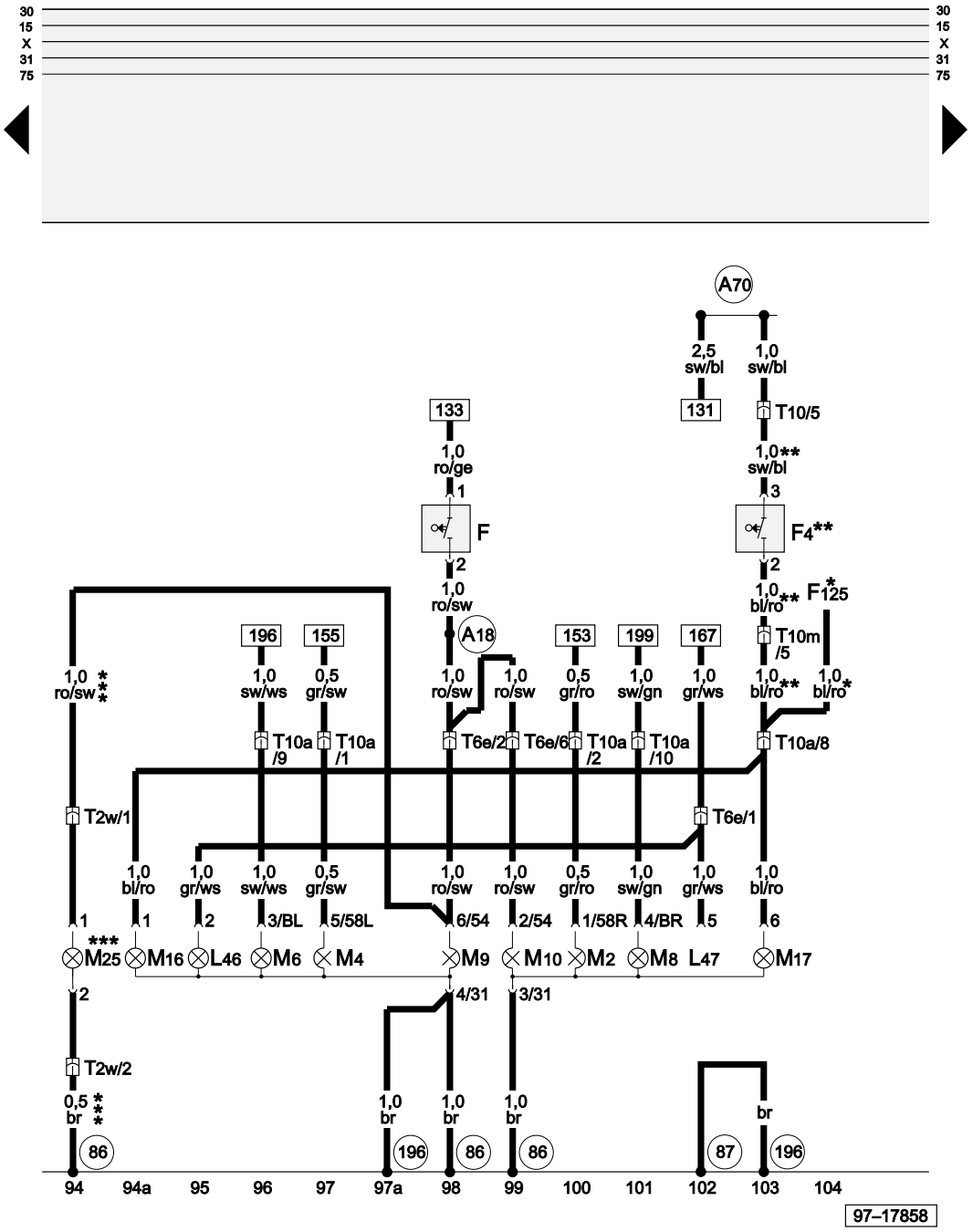


Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
A17	Connection (61), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness

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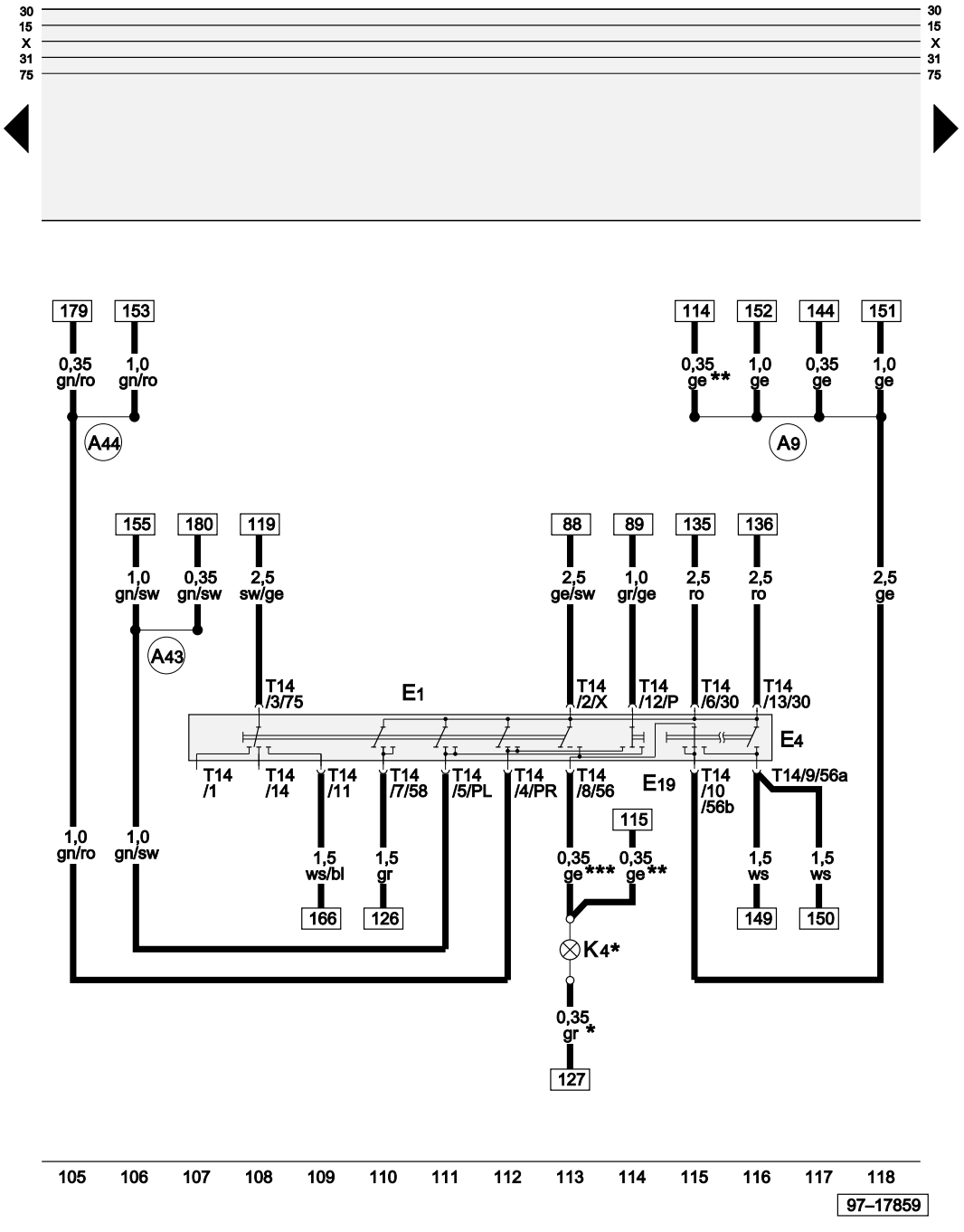
ws = white
sw = black
ro = red
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Tail light, brake light, reversing light

F	Brake light switch
F4	Reversing light switch
F125	Multi-function switch
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M9	Brake light bulb, left
M10	Brake light bulb, right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M25	High level brake light bulb
T2w	2-pin connector, black, under rear shelf
T6e	6-pin connector, blue, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness

* Only models with automatic gearbox
** Only models with manual gearbox
*** Applicable from 3/96

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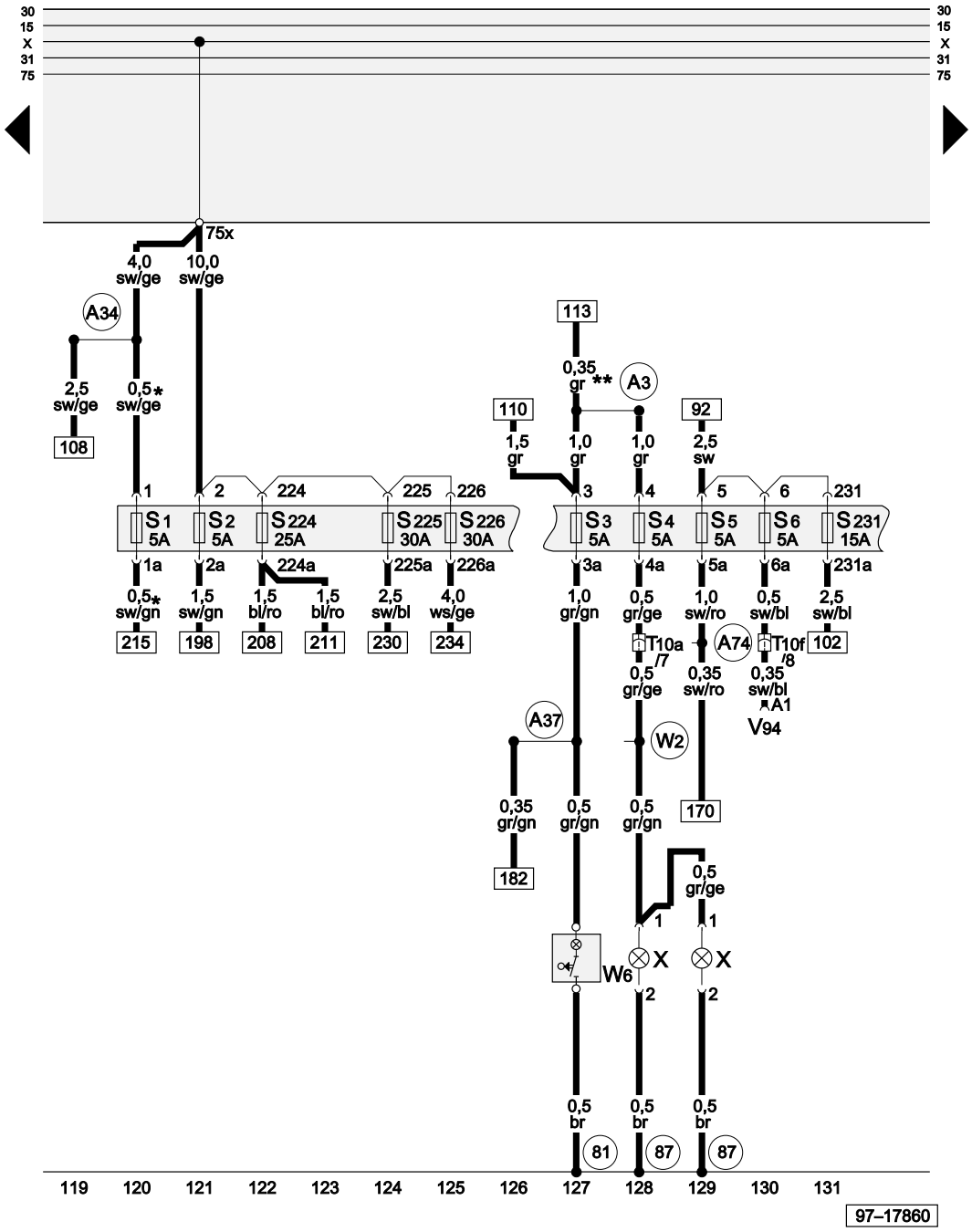


Lighting switch

E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
K4	Side light warning lamp
T14	14-pin connector, black, at steering column switch
A9	Positive (+) connection (56b), in dash panel wiring harness
A43	Connection (57l), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
*	Only models with side light warning lamp for Italian export version
**	Only models with side light warning lamp with fog lights - applicable for Italian export version
***	Only models with side light warning lamp without fog lights - applicable for Italian export version

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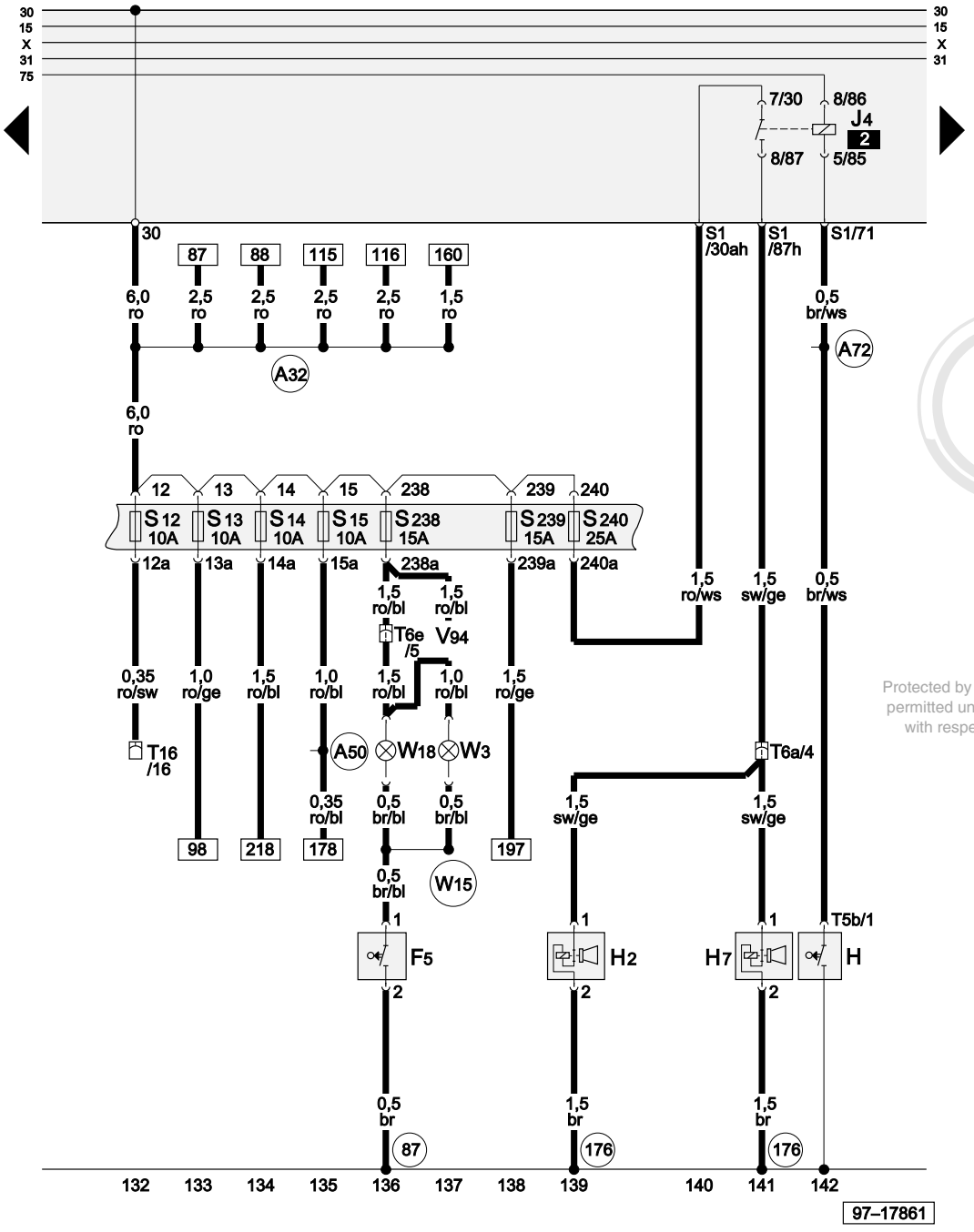


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bl = blue
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Fuse box, number plate light, glove box light

T10a	10-pin connector, brown, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
W6	Glove box light
X	Number plate light
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
81	Earth connection -1-, in dash panel wiring harness
87	Earth connection -2-, in rear wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
W20	Positive (+) connection (58), in rear wiring harness
*	Only models with heated washer jets
**	Only models with left side light warning lamp for Italian export version

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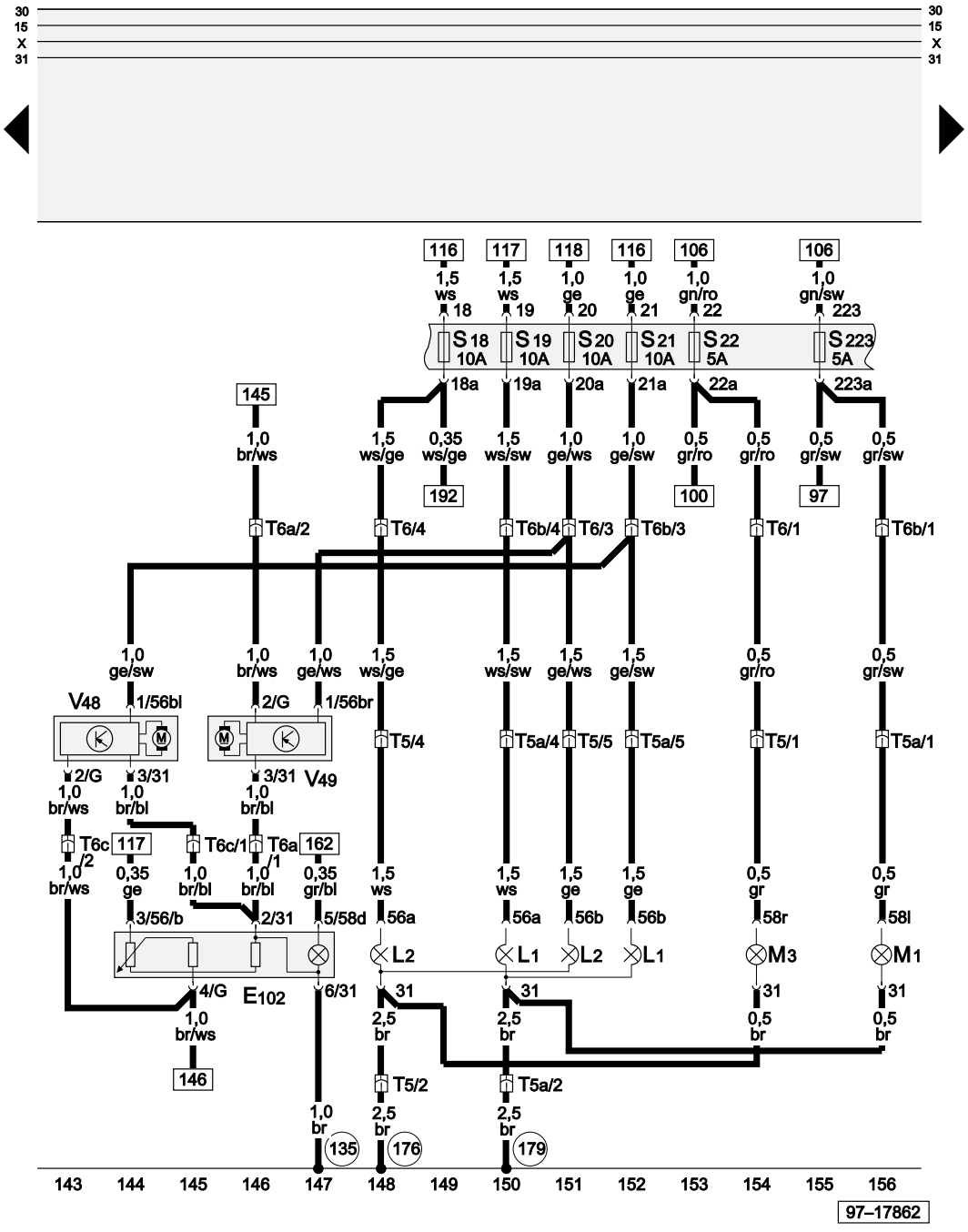


Fuse box, horn, luggage compartment light

F5	Luggage compartment light switch
H	Horn plate
H2	High tone horn
H7	Low tone horn
J4	Dual tone horn relay
T6a	6-pin connector, red, right connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W3	Luggage compartment light
W18	Luggage compartment light, left
87	Earth connection -2-, in rear wiring harness
176	Earth connection, in right headlight wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A72	Connection (71), in dash panel wiring harness
W15	Connection (luggage compartment light), in rear wiring harness

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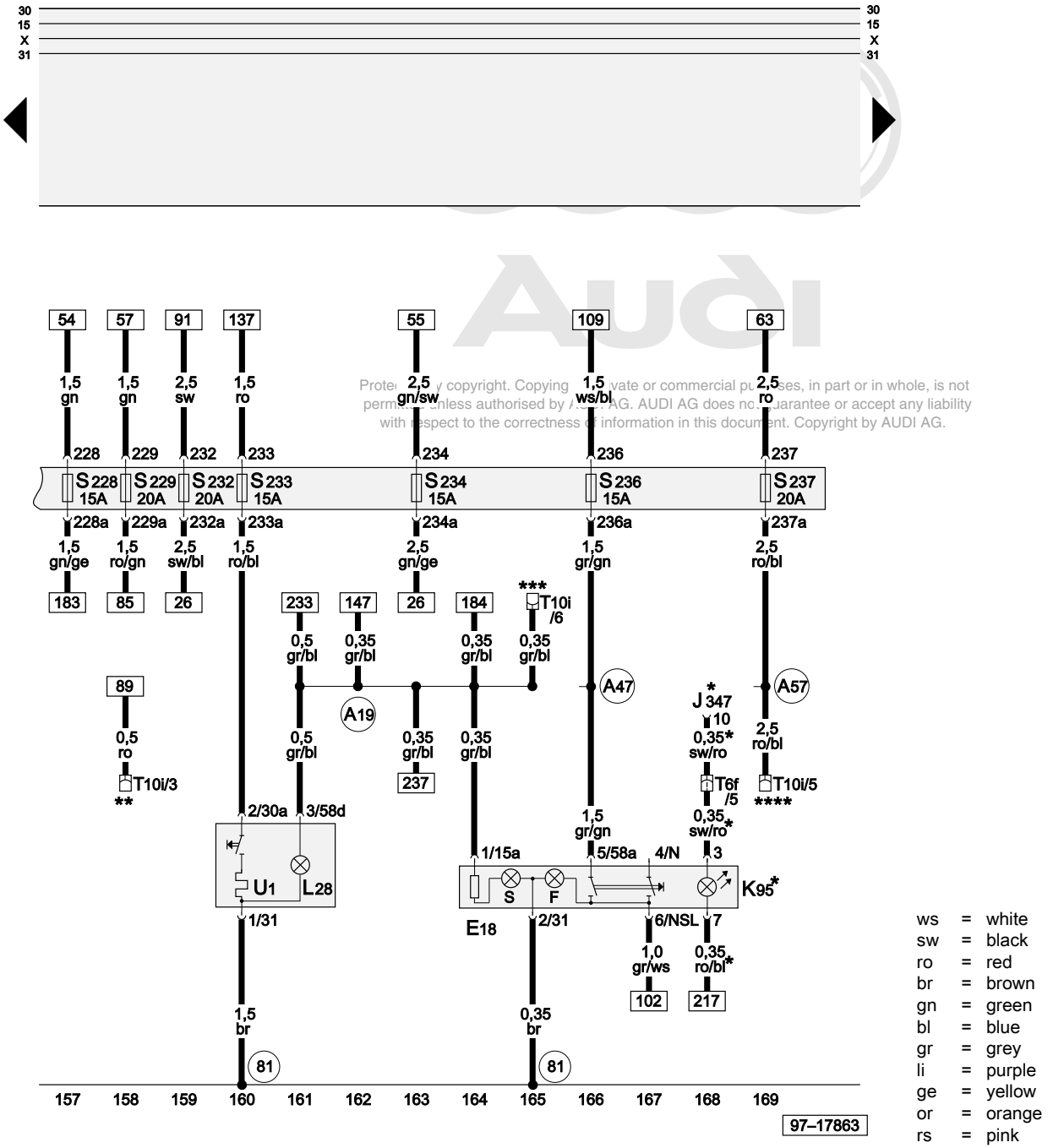


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Fuse box, headlights, headlight range control

E102	Headlight range control adjuster
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M1	Side light bulb, left
M3	Side light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6a	6-pin connector, red, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
V48	Headlight range control motor, left
V49	Headlight range control motor, right
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness

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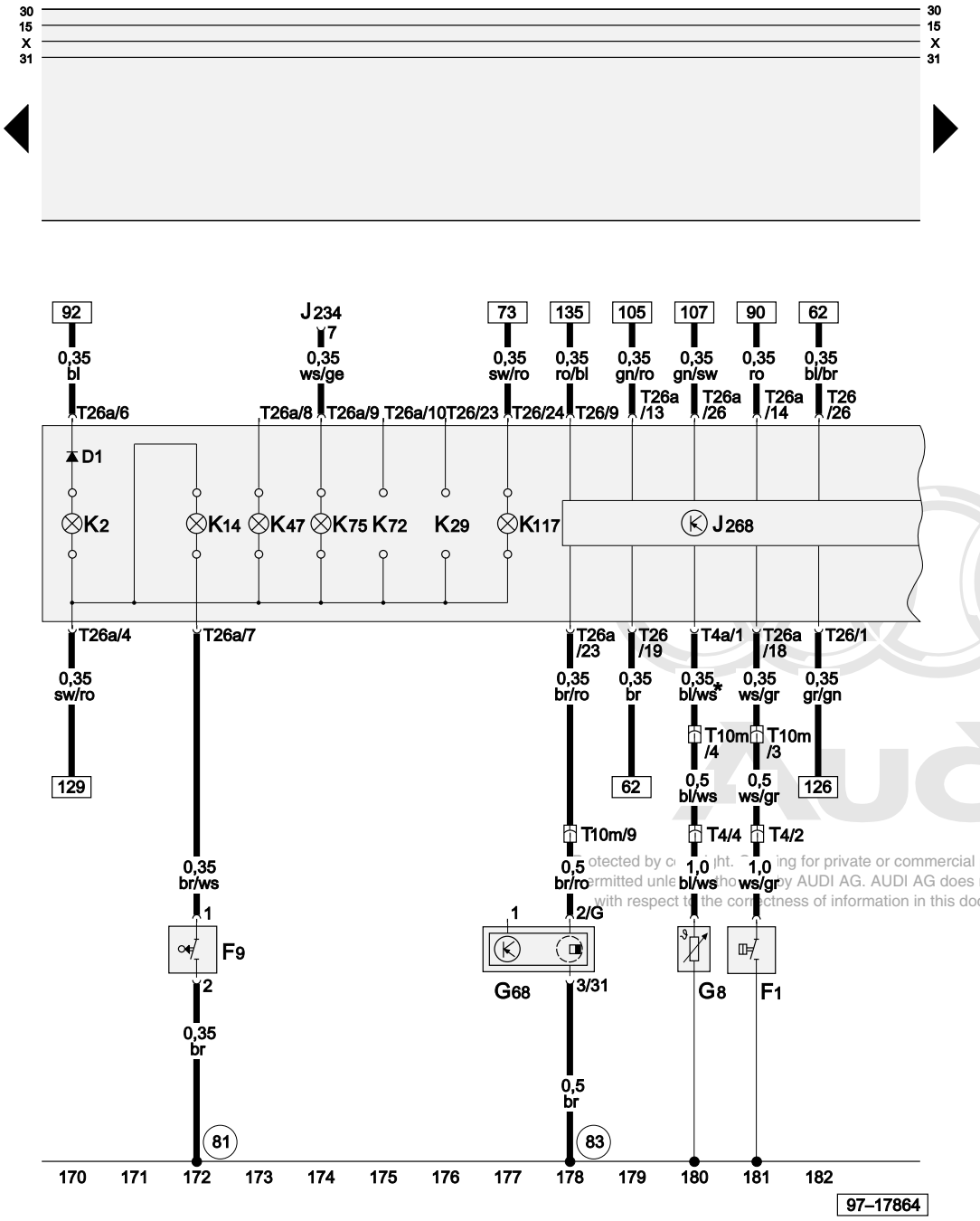


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Fuse box, cigarette lighter, rear fog light switch

E18	Rear fog light switch
K95	Alarm system warning lamp
L28	Cigarette lighter light bulb
J347	Ultra-sonic sensor control unit
T6f	6-pin connector, orange, right connector point, A pillar
T10i	10-pin connector, black, in centre console
U1	Cigarette lighter
81	Earth connection -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A47	Connection (55), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Only models with anti-theft alarm system
**	Without radio, terminal 86s
***	Without radio, terminal 58d
****	Without radio, terminal 30a

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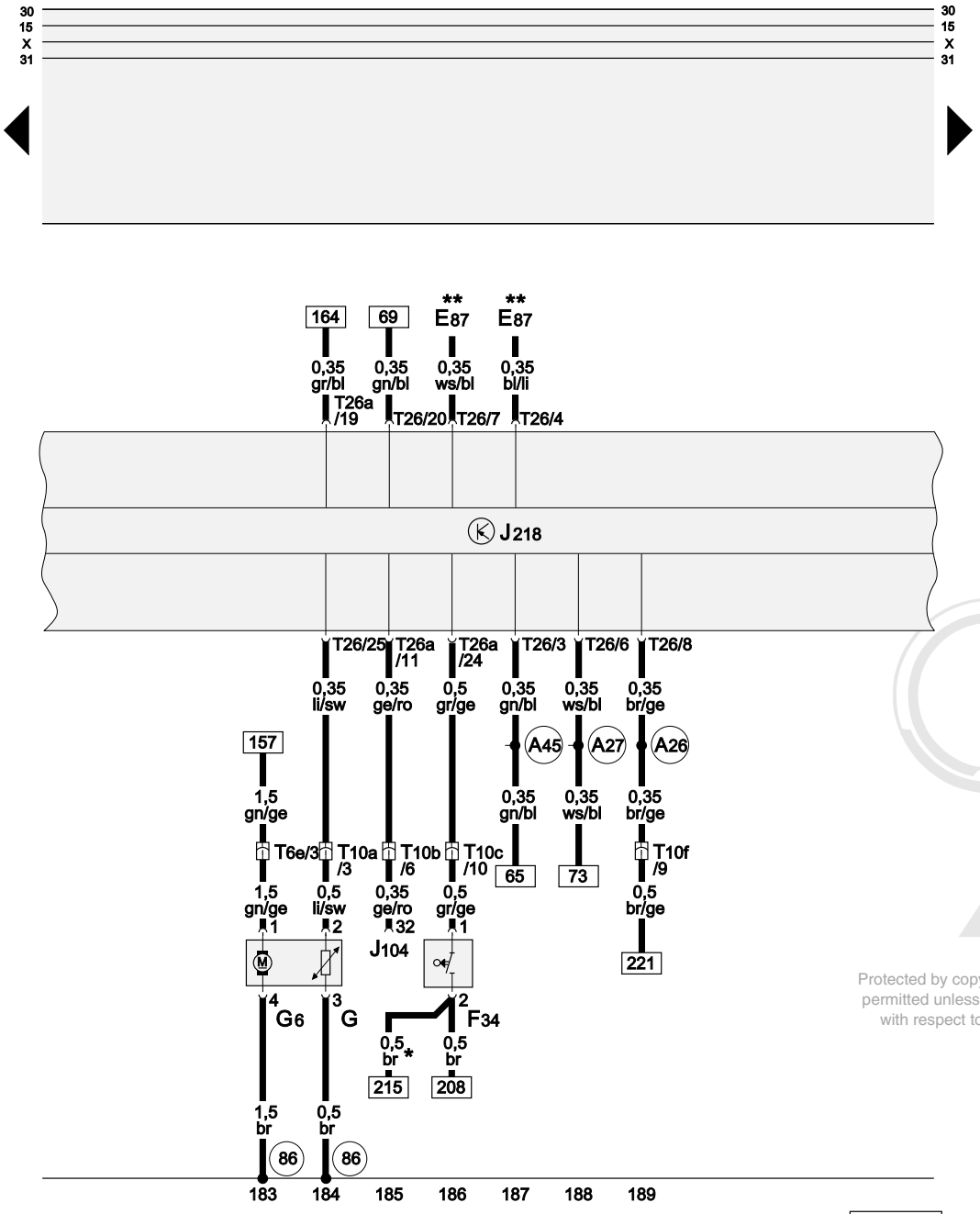


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Dash panel insert, vehicle speed sender, oil pressure switch, mini-check system control unit

F1	Oil pressure switch
F9	Handbrake warning switch
G8	Oil temperature sender
G68	Vehicle speed sender
J234	Airbag control unit
J268	Mini-check system control unit
K2	Alternator warning lamp
K14	Handbrake warning lamp
K29	Glow period warning lamp
K47	ABS warning lamp
K72	Catalyst monitor warning lamp
K75	Airbag warning lamp
K117	Immobilizer warning lamp
T4	4-pin connector, black, centre in engine compartment
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness

ws	=	white
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gn	=	green
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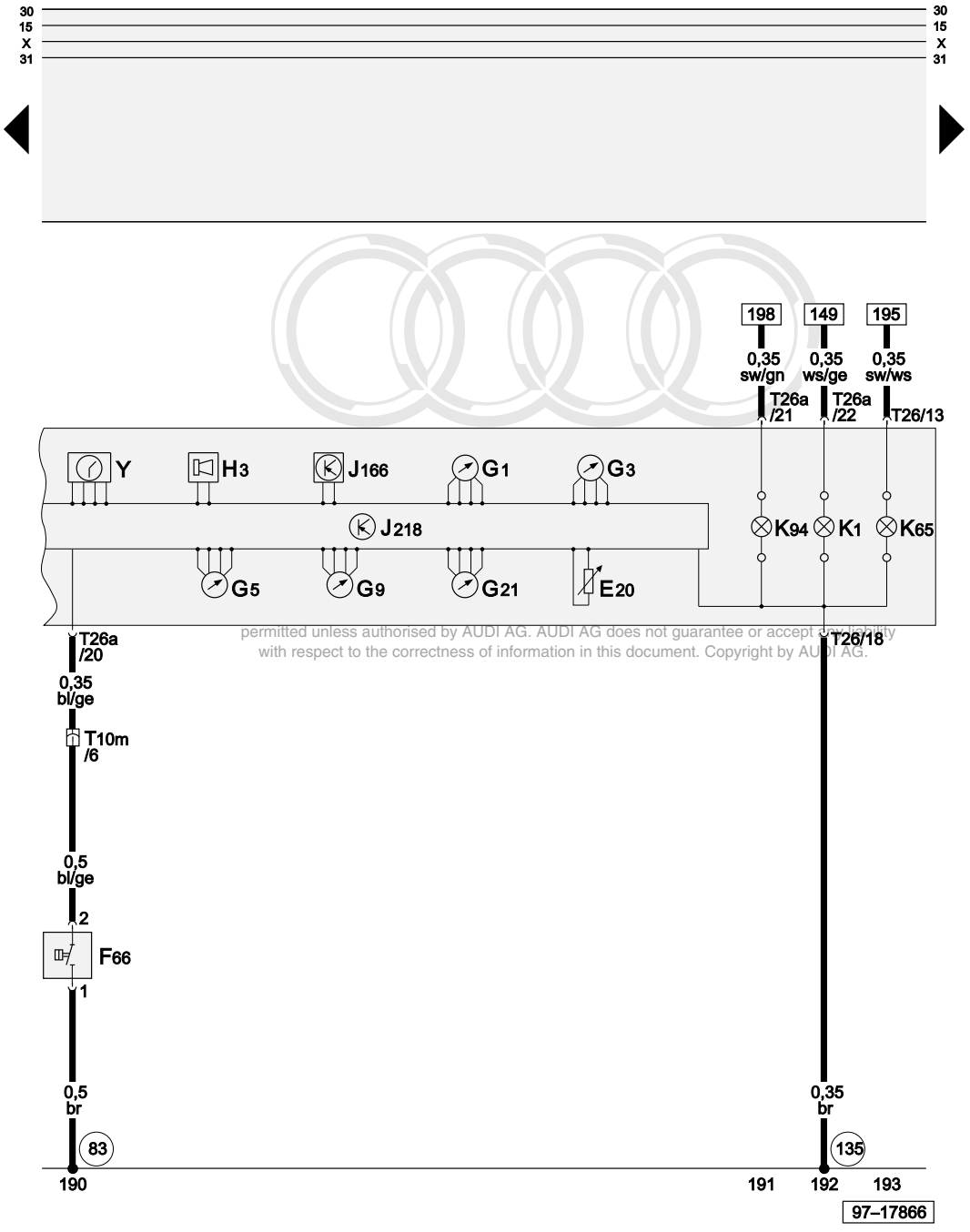


Dash panel insert, combi-processor in dash panel insert, fuel pump

E87	Control and display unit for air conditioner/Climatronic
F34	Brake fluid level warning contact
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
J104	ABS control unit
J218	Combi-processor in dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
T10f	10-pin connector, black, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
86	Earth connection -1-, in rear wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with heated washer jets
**	Only models with air conditioner

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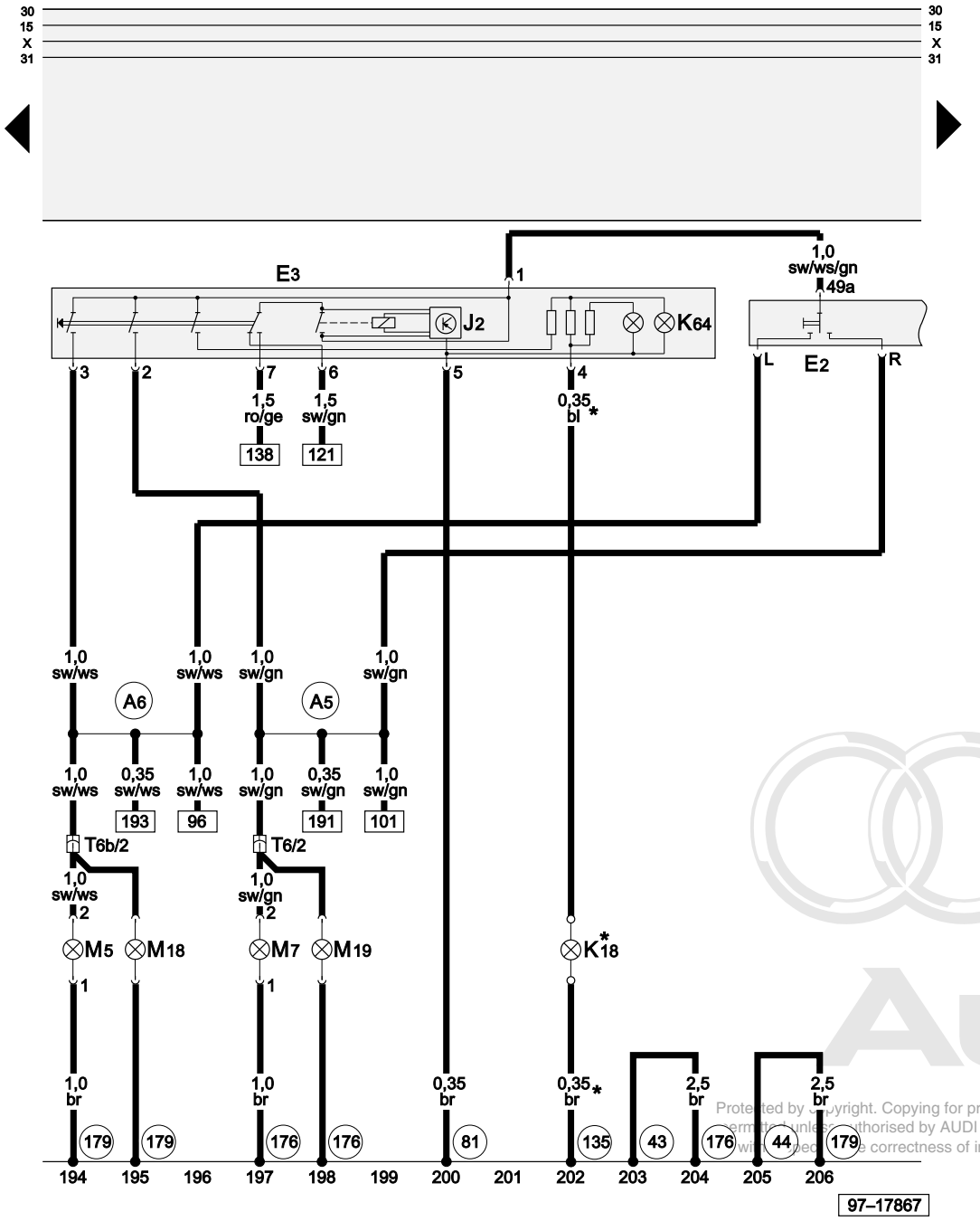


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Dash panel insert, combi-processor in dash panel insert, coolant monitoring, analogue clock, fuel gauge, rev. counter, speedometer, switches and instruments, lighting control

E20	Switches and instruments, lighting control
F66	Coolant shortage indicator switch
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G9	Oil temperature gauge
G21	Speedometer
H3	Buzzer/gong
J218	Combi-processor in dash panel insert
K1	Main beam warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y	Analogue clock
83	Earth connection -1-, in front right wiring harness
135	Earth connection -2-, in dash panel wiring harness

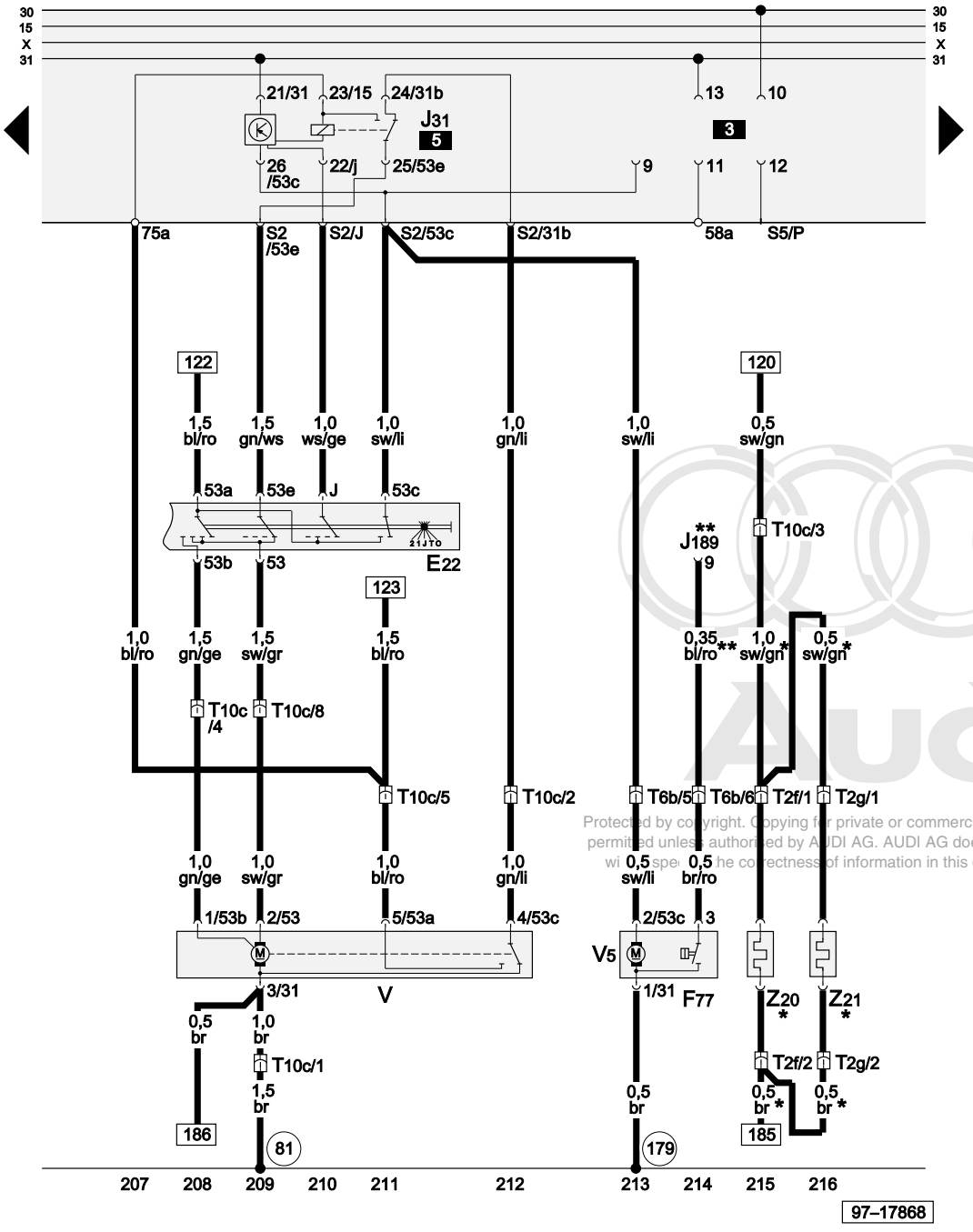


Turn signals and hazard warning lights

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness
*	Models with trailer coupling

ws	=	white
sw	=	black
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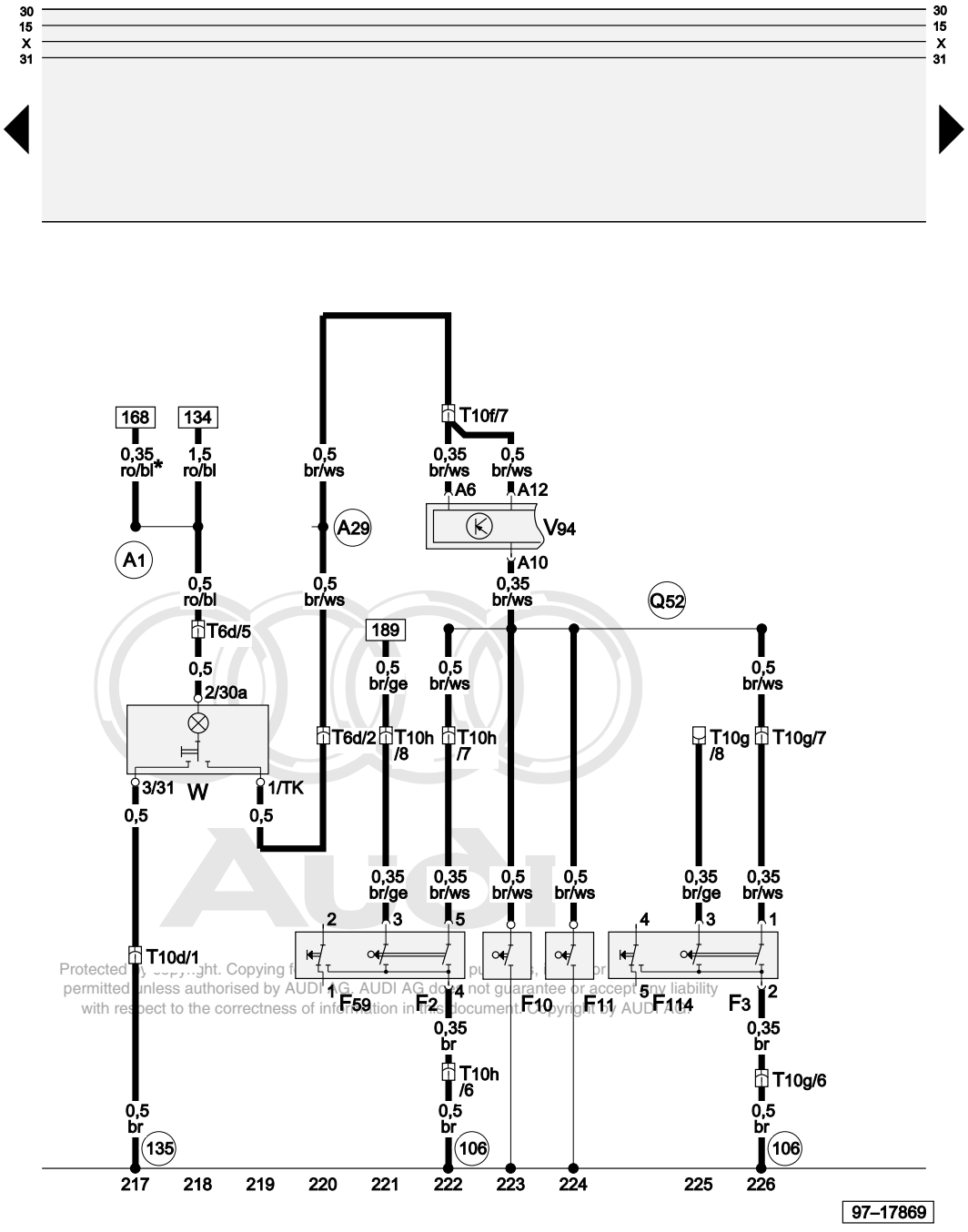


Windscreen washer/wiper system, heated washer jets

E22	Intermittent wiper switch
F77	Windscreen washer fluid warning contact
J31	Automatic intermittent wash/wipe relay
J189	Auto-check system
T2f	2-pin connector, on bonnet
T2g	2-pin connector, on bonnet
T6b	6-pin connector, yellow, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
V	Windscreen wiper motor
V5	Windscreen washer pump
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
81	Earth connection -1-, in dash panel wiring harness
179	Earth connection, in left headlight wiring harness
*	Only models with heated washer jets

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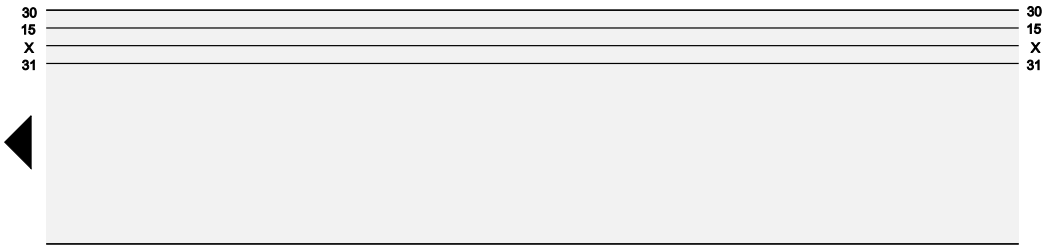


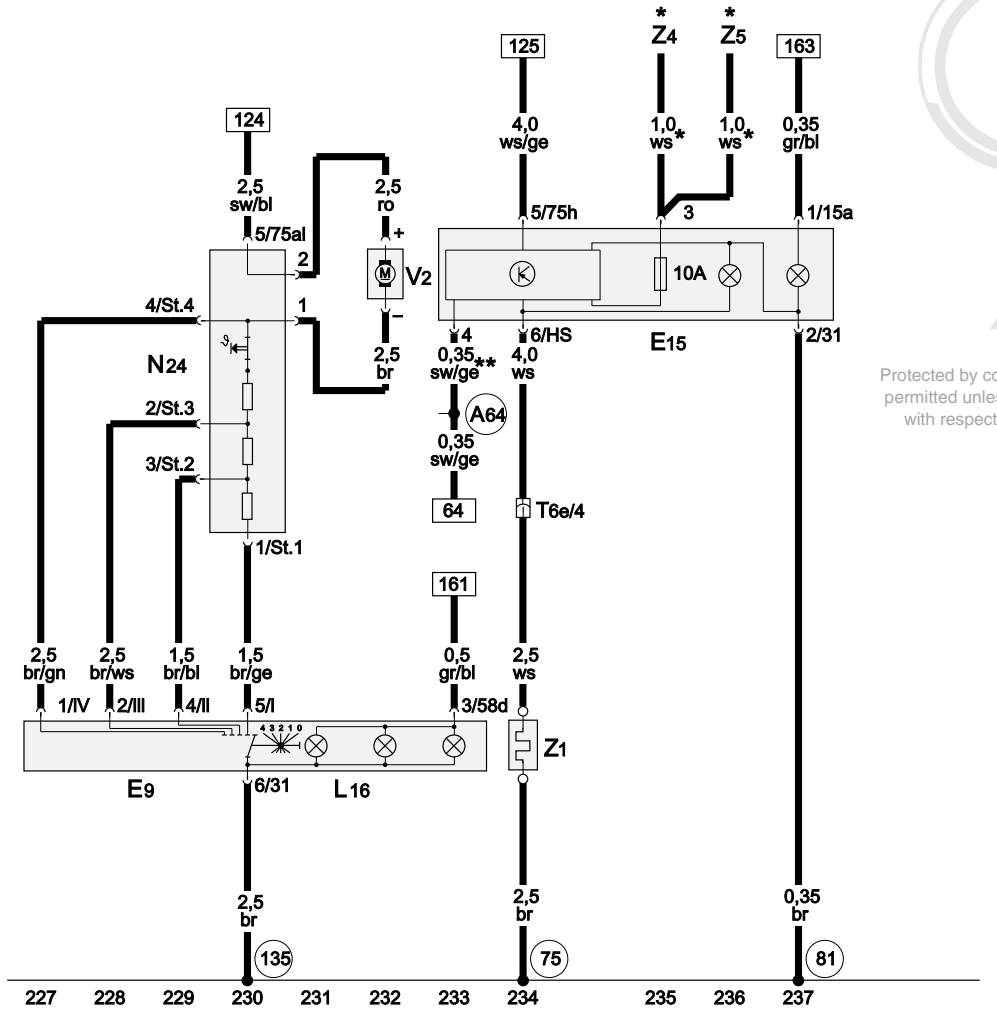
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Rear door contact switch, interior light

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
F59	Tailgate/boot lid central locking switch (driver's side)
F114	Tailgate/boot lid central locking switch (front passenger's side)
T6d	6-pin connector, dark brown, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W	Interior light, front
106	Earth connection, in anti-theft alarm system wiring harness
135	Earth connection -2-, in dash panel wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	Only models with anti-theft alarm system

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Fresh air blower, heated rear window

E9	Fresh air blower switch
E15	Heated rear window switch
L16	Fresh air controls light bulb
N24	Series resistor for fresh air blower with overheating resistor
T6e	6-pin connector, blue, left connector point, A pillar
V2	Fresh air blower
Z1	Heated rear window
Z4	Heated exterior mirror, driver's side
Z5	Heated exterior mirror, front passenger's side
75	Earth point, right rear pillar
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with heated exterior mirrors
**	Does not apply to models with air conditioner

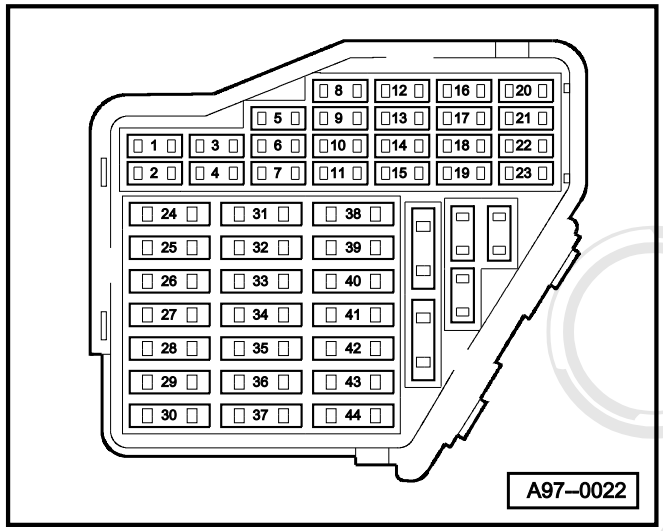
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Audi A4 (1.6 l litre fuel injection engine, 74 kW, Motronic, 4 cylinder) engine codes ADP

From model year 1996

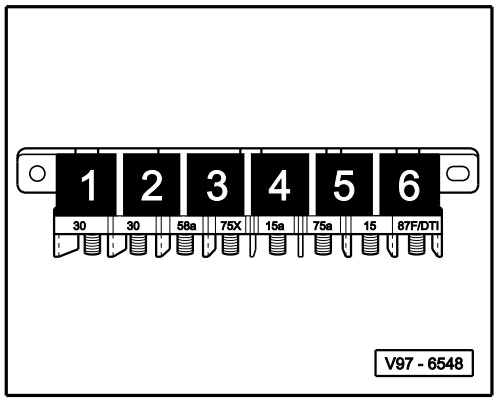
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:

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Position of relays:

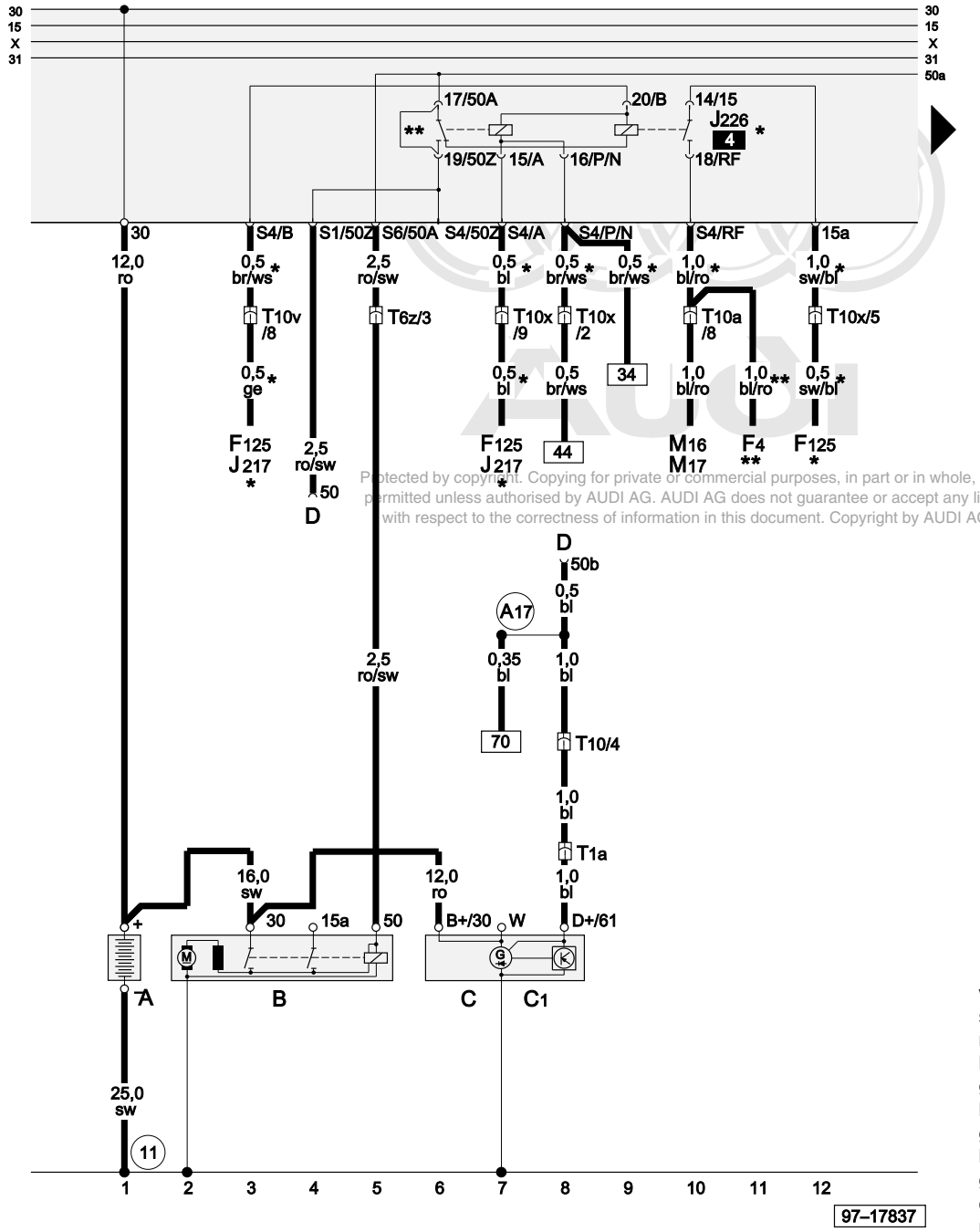
Bridge connection on models with manual gearbox

4 - Starter inhibitor and reversing light relay with automatic gearbox
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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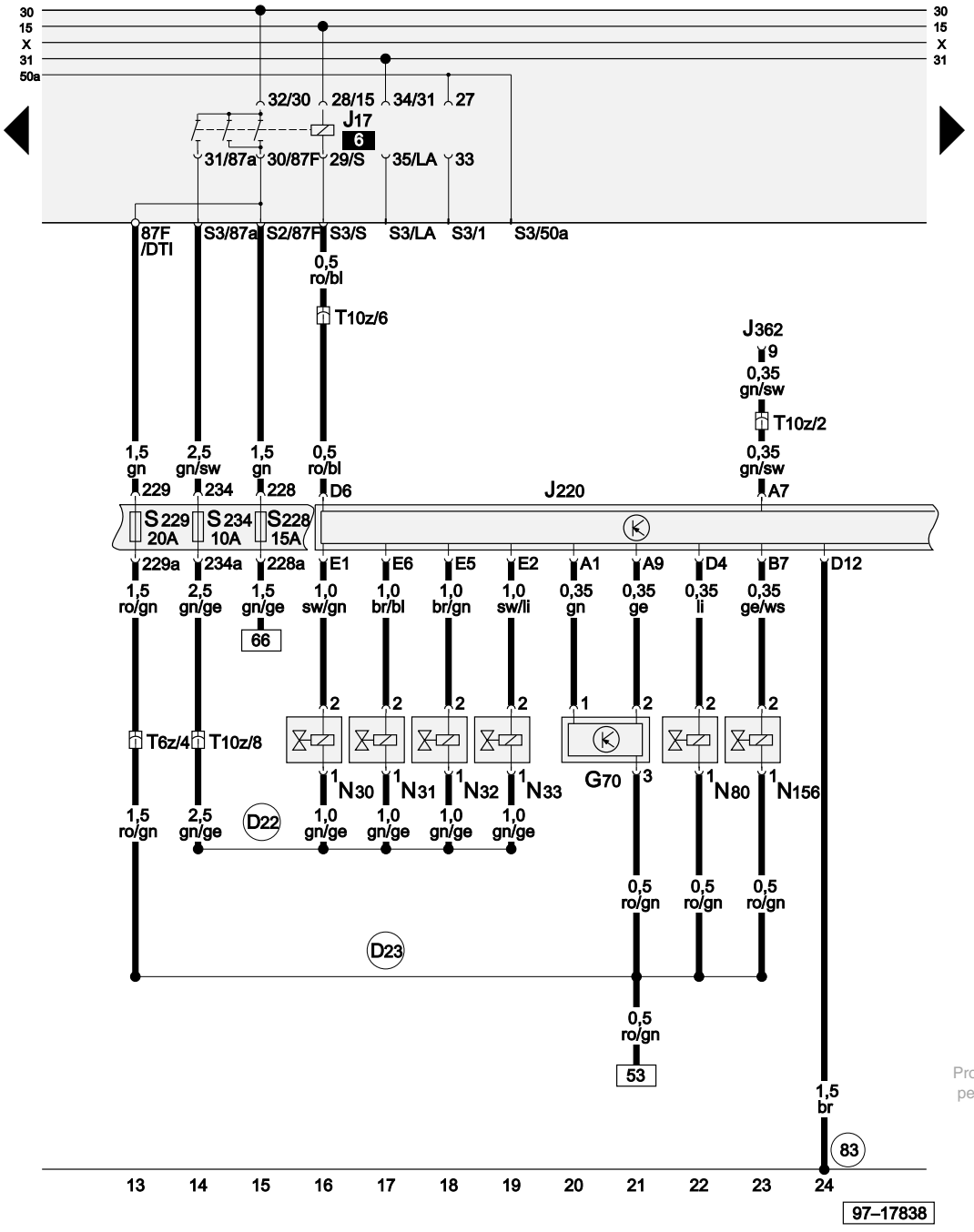


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

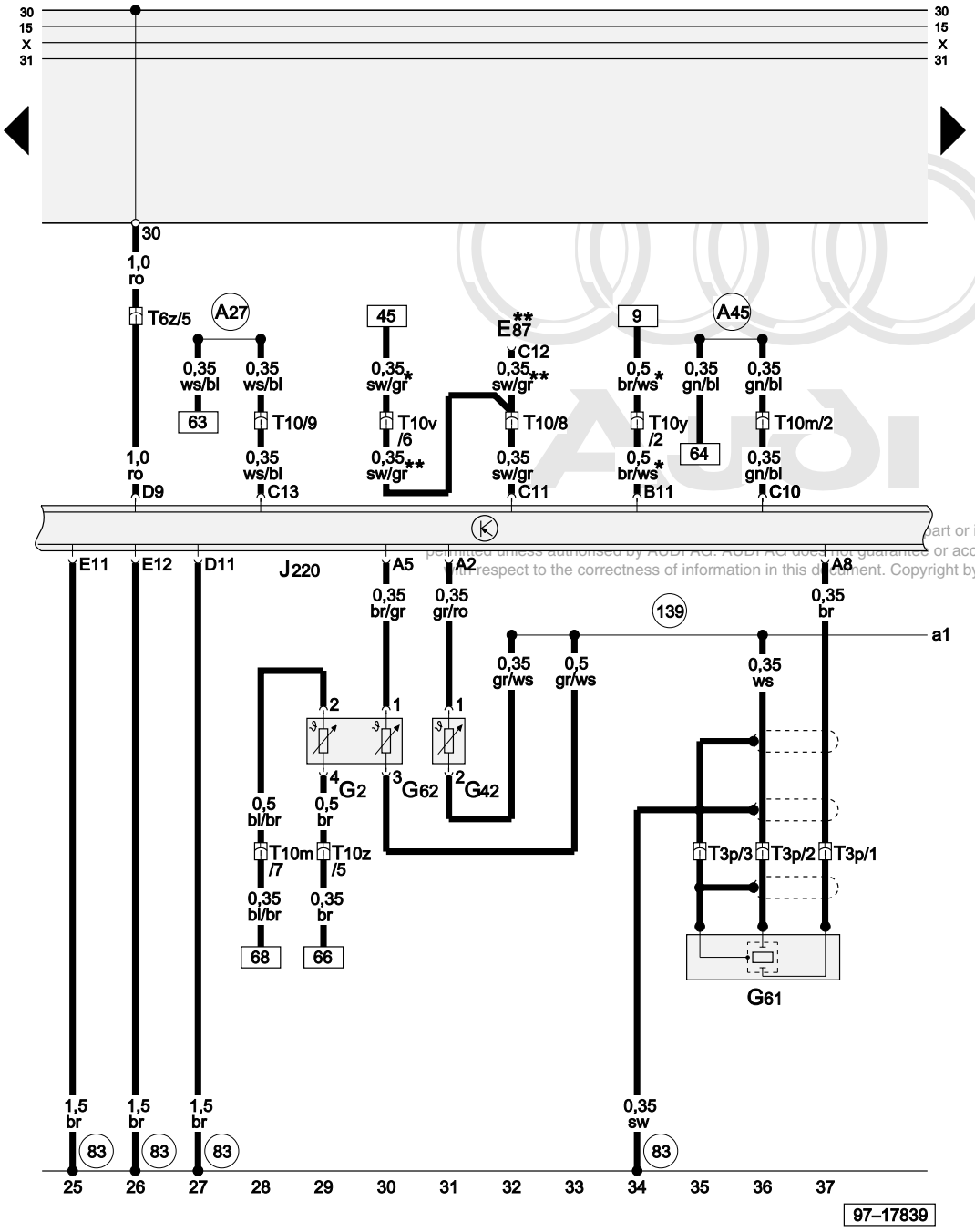


Motronic control unit, fuel pump relay, air mass meter, injectors

G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
N156	Intake manifold change-over valve
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in engine compartment wiring harness, right

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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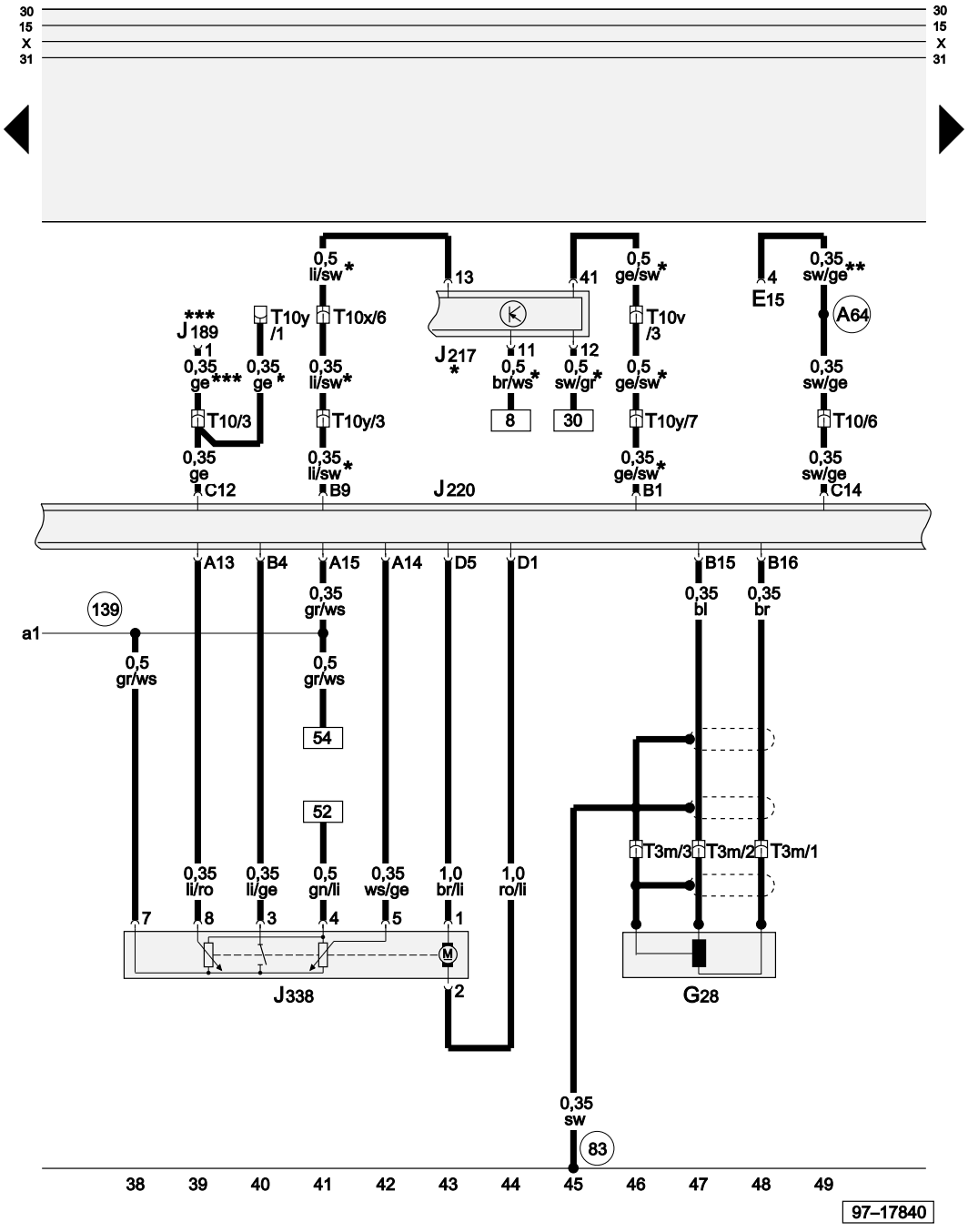


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rs = pink

Motronic control unit, knock sensors, coolant temperature sender

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
J220	Motronic control unit
T3p	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

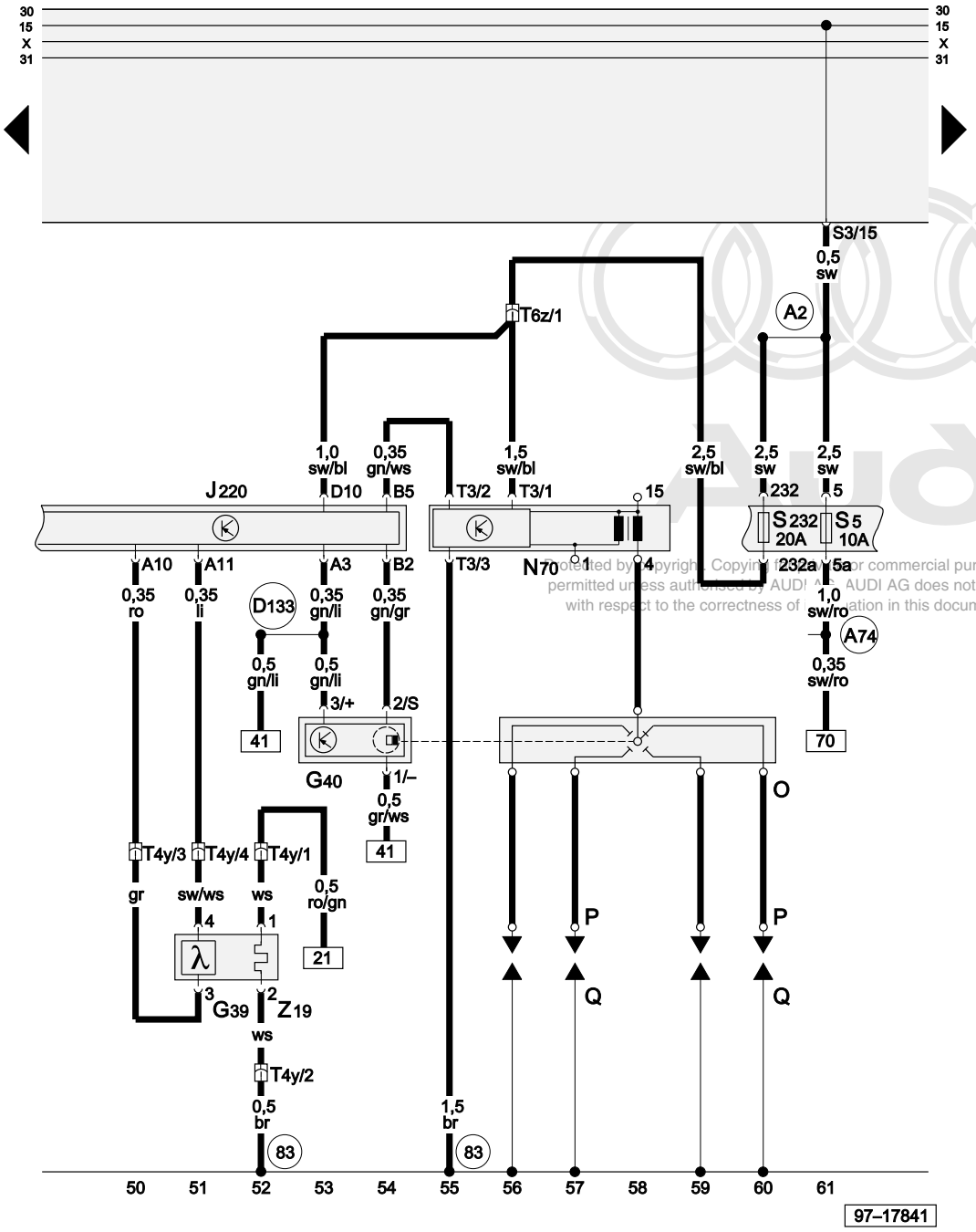


Motronic control unit, throttle valve control unit, engine speed sender

E15	Heated rear window switch
G28	Engine speed sender
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to models with air conditioner
***	Only models with auto-check system

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gn	=	green
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gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

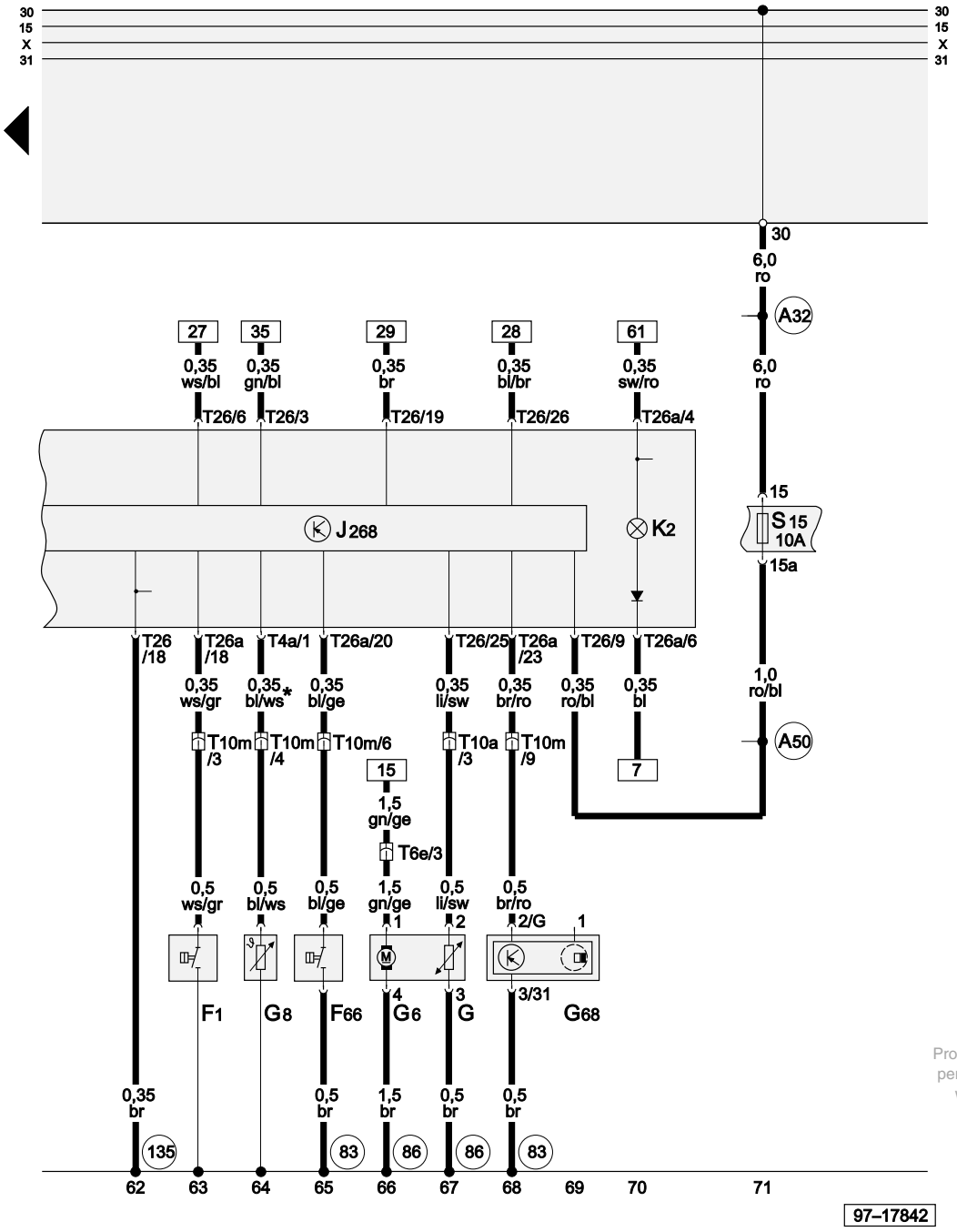


Motronic control unit, hall sender, ignition coil, lambda probes

G39	Lambda probes
G40	Hall sender
J220	Motronic control unit
N70	Ignition coil 1 with output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D133	Connection (Hall sender signal), in engine compartment wiring harness

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, mini - check system control unit

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G8	Oil temperature sender
G68	Vehicle speed sender
J268	Mini-check system control unit
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

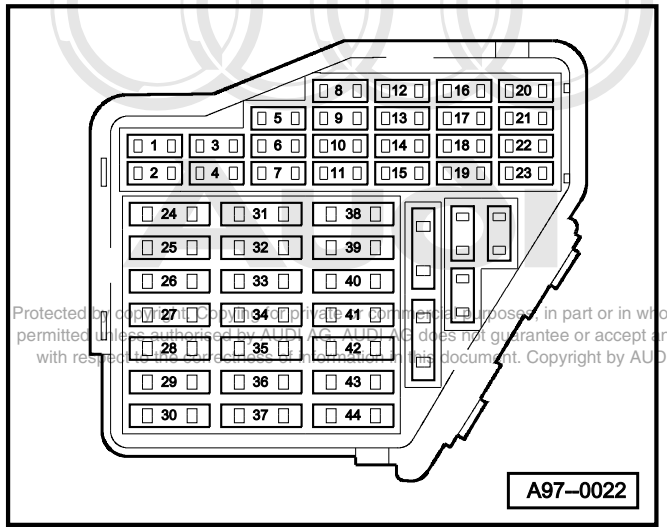
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Audi A4 (1.8 l fuel injection engine, 92 kW, Motronic, 4-cylinder) engine codes ADR

From model year 1996

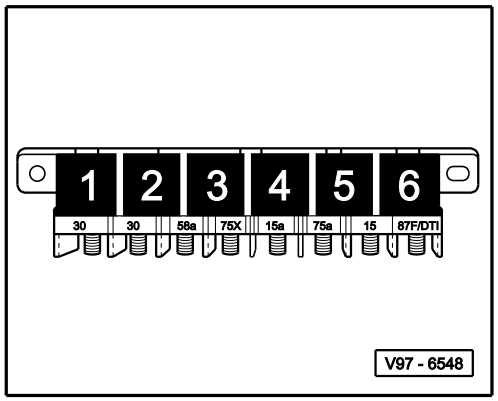
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

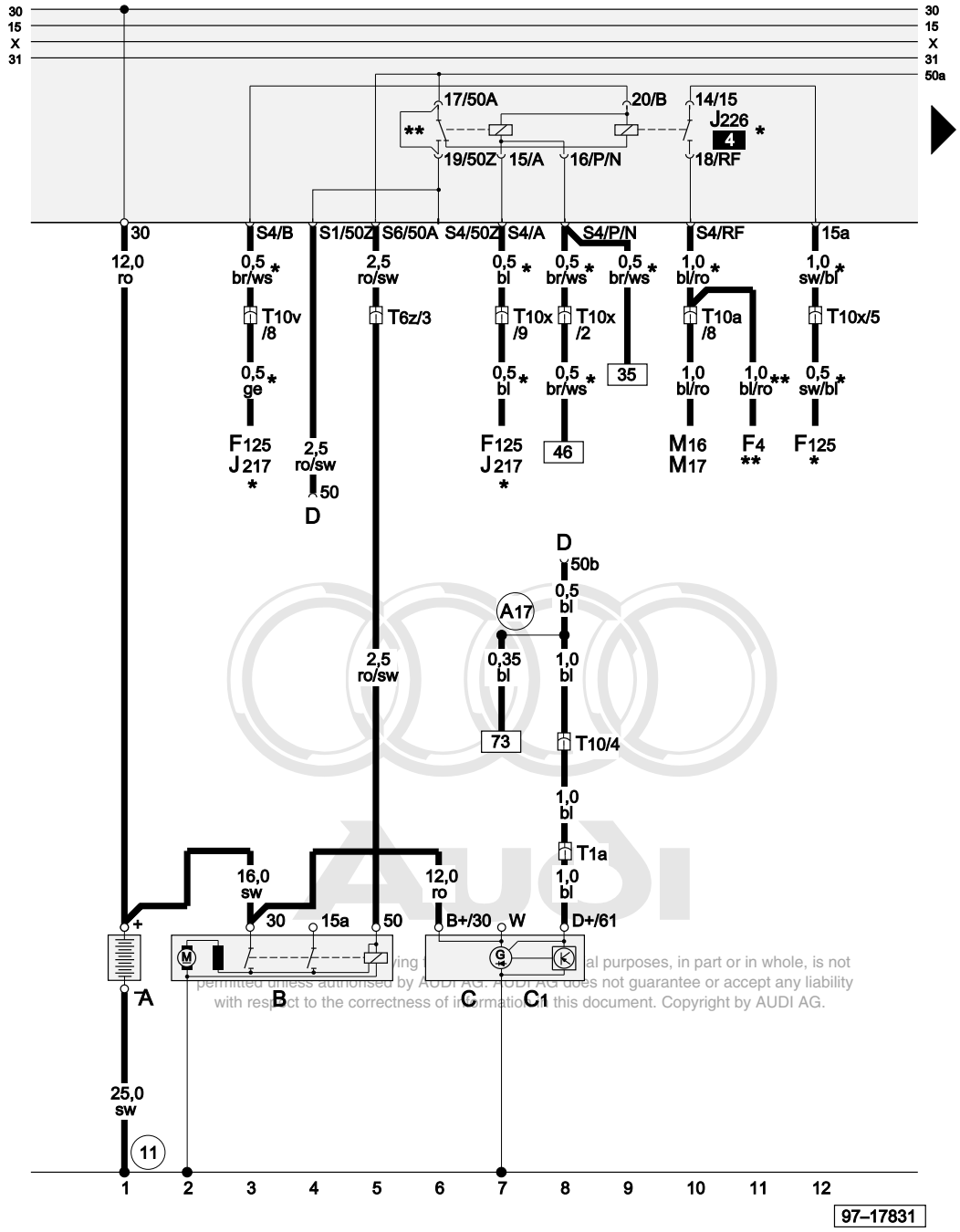
Bridge connection on models with manual gearbox

4 - Starter inhibitor and reversing light relay with automatic gearbox
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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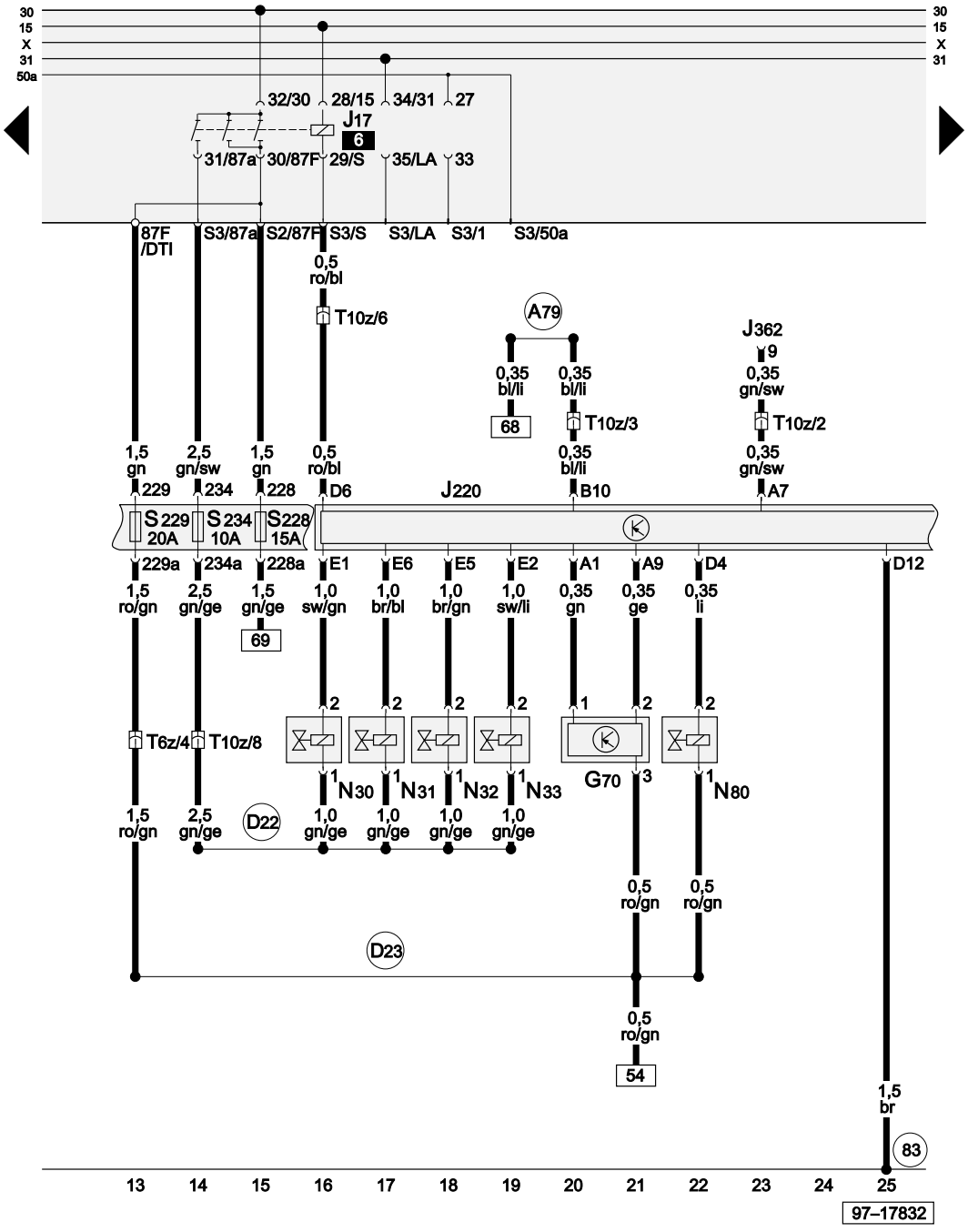


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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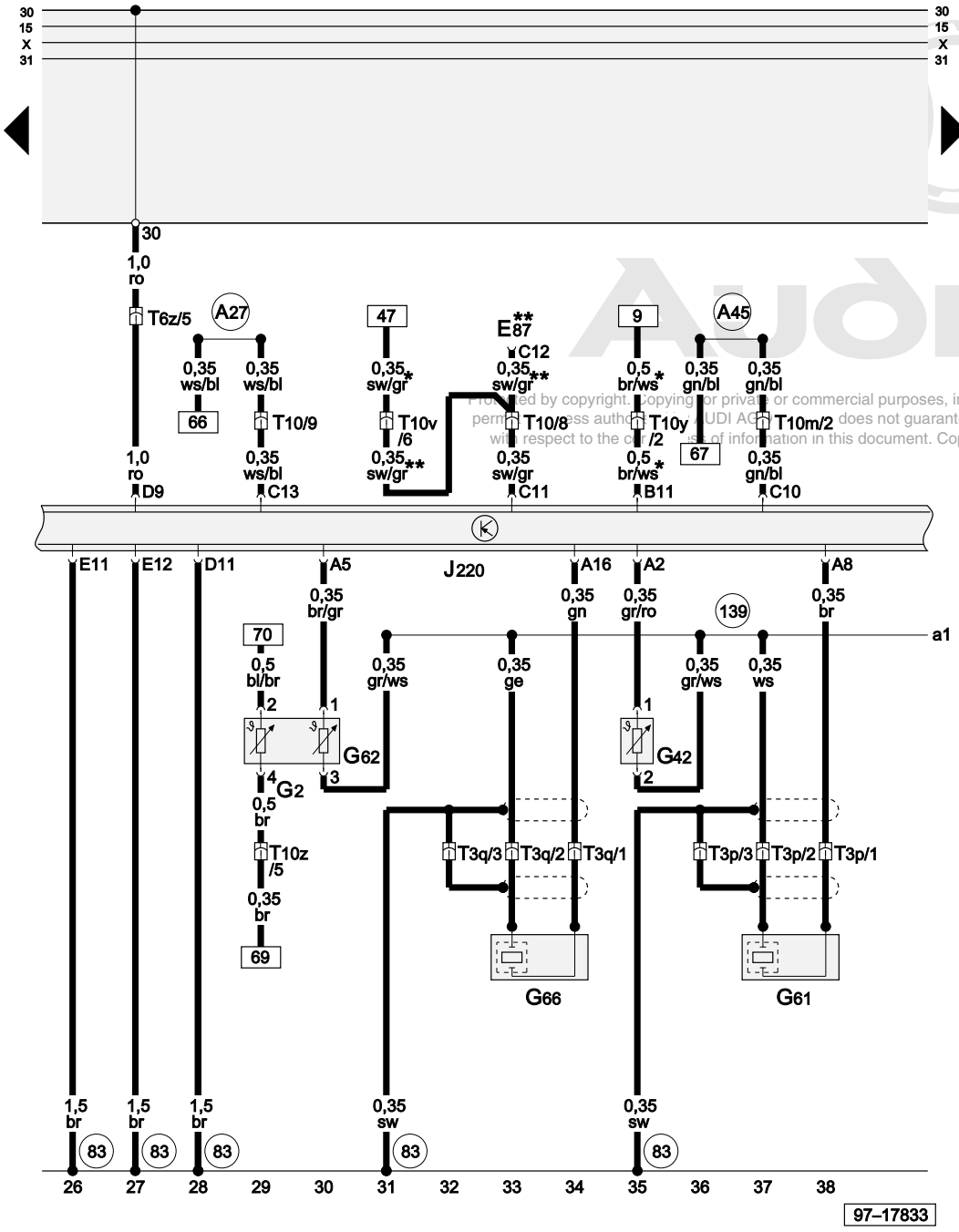
Motronic control unit, fuel pump relay, injectors, air mass meter

G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber

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83	Earth connection -1-, in front right wiring harness
A79	Connection (hot light switch), in dash panel wiring harness
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in engine compartment wiring harness, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

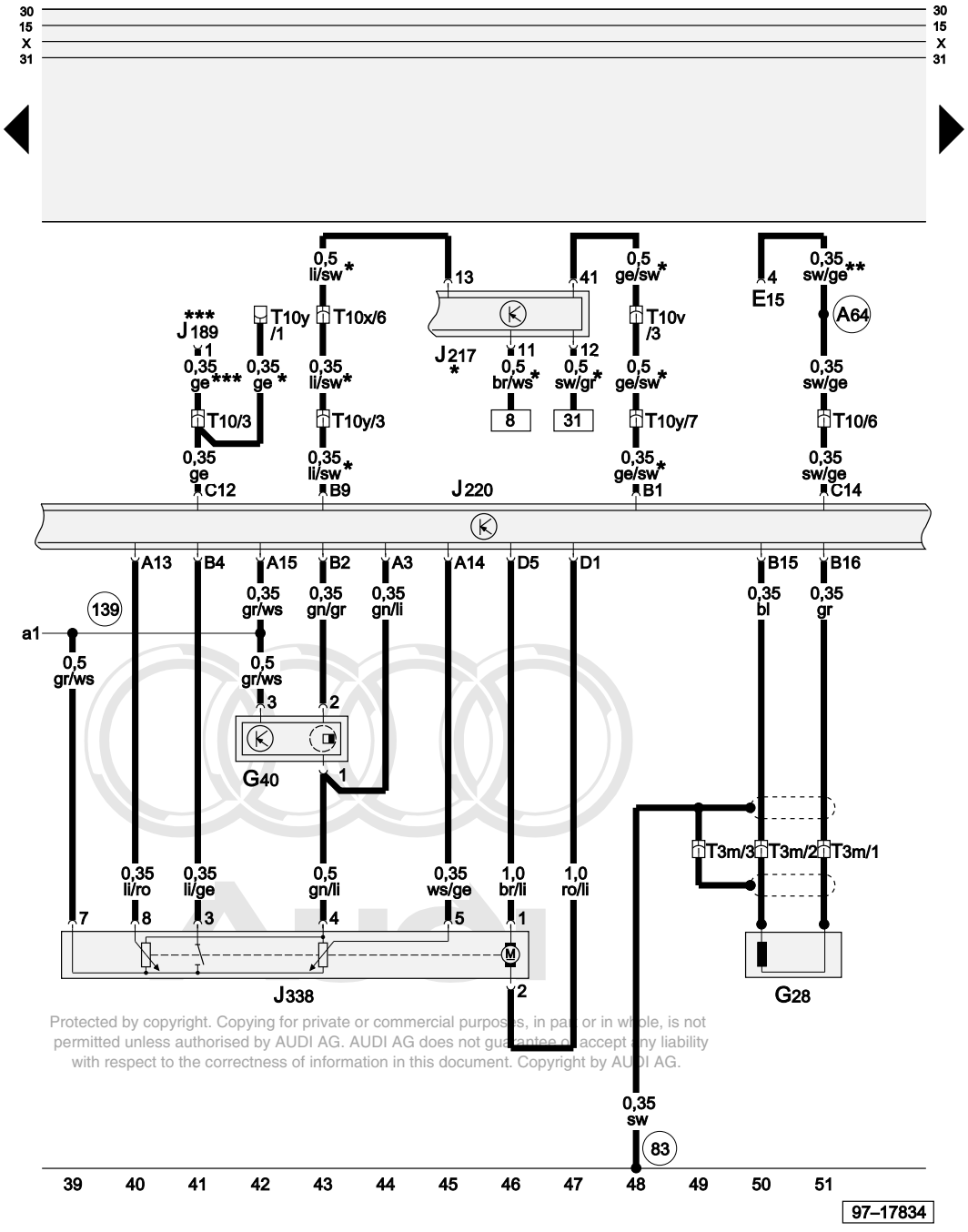


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, coolant temperature sender, knock sensors

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3p	3-pin connector, green, in engine compartment, left
T3q	3-pin connector, blue, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

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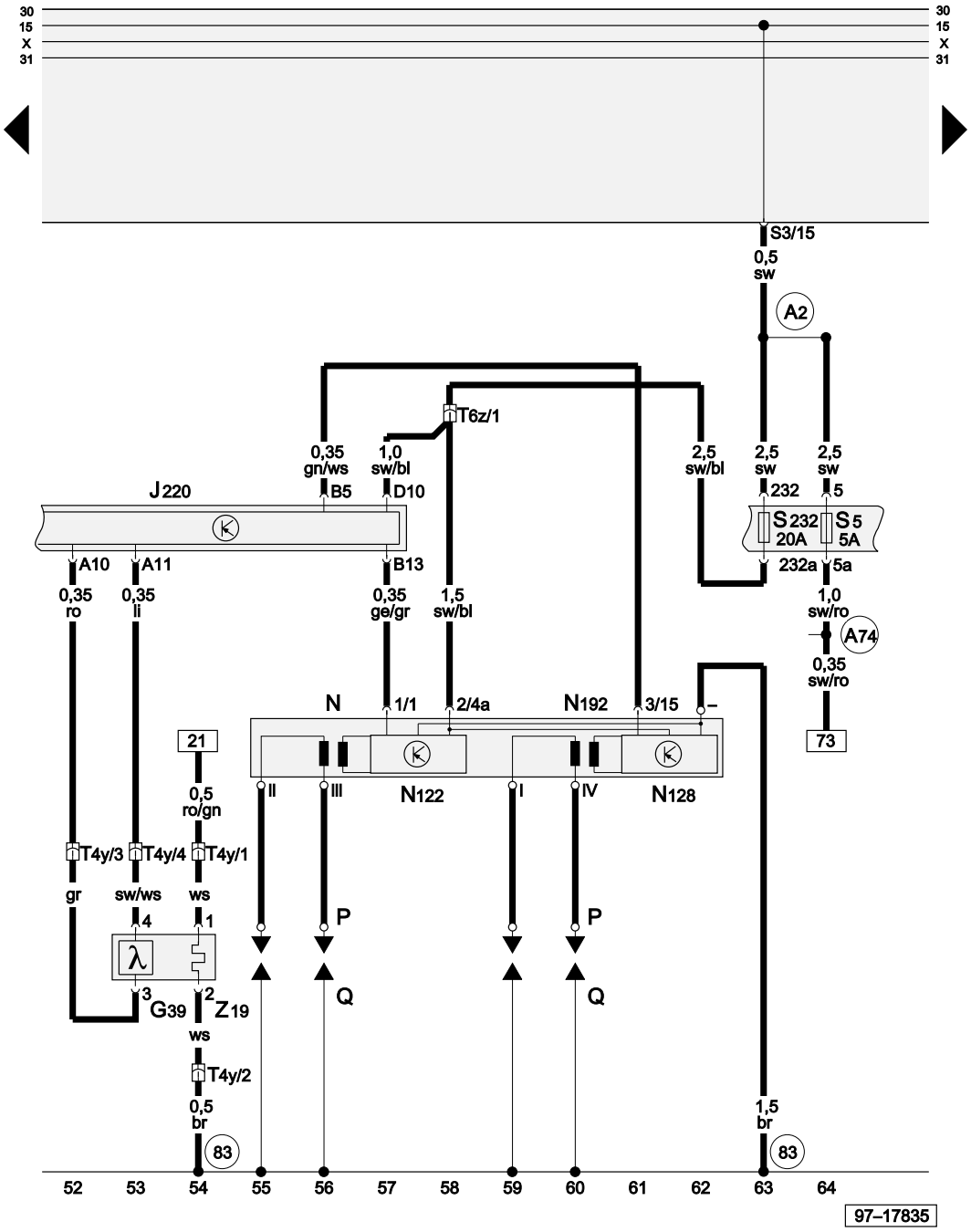


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Motronic control unit, engine speed sender, throttle valve, hall sender

E15	Heated rear window switch
G28	Engine speed sender
G40	Hall sender
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J338	Throttle valve
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to models with air conditioner
***	Only models with auto-check system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

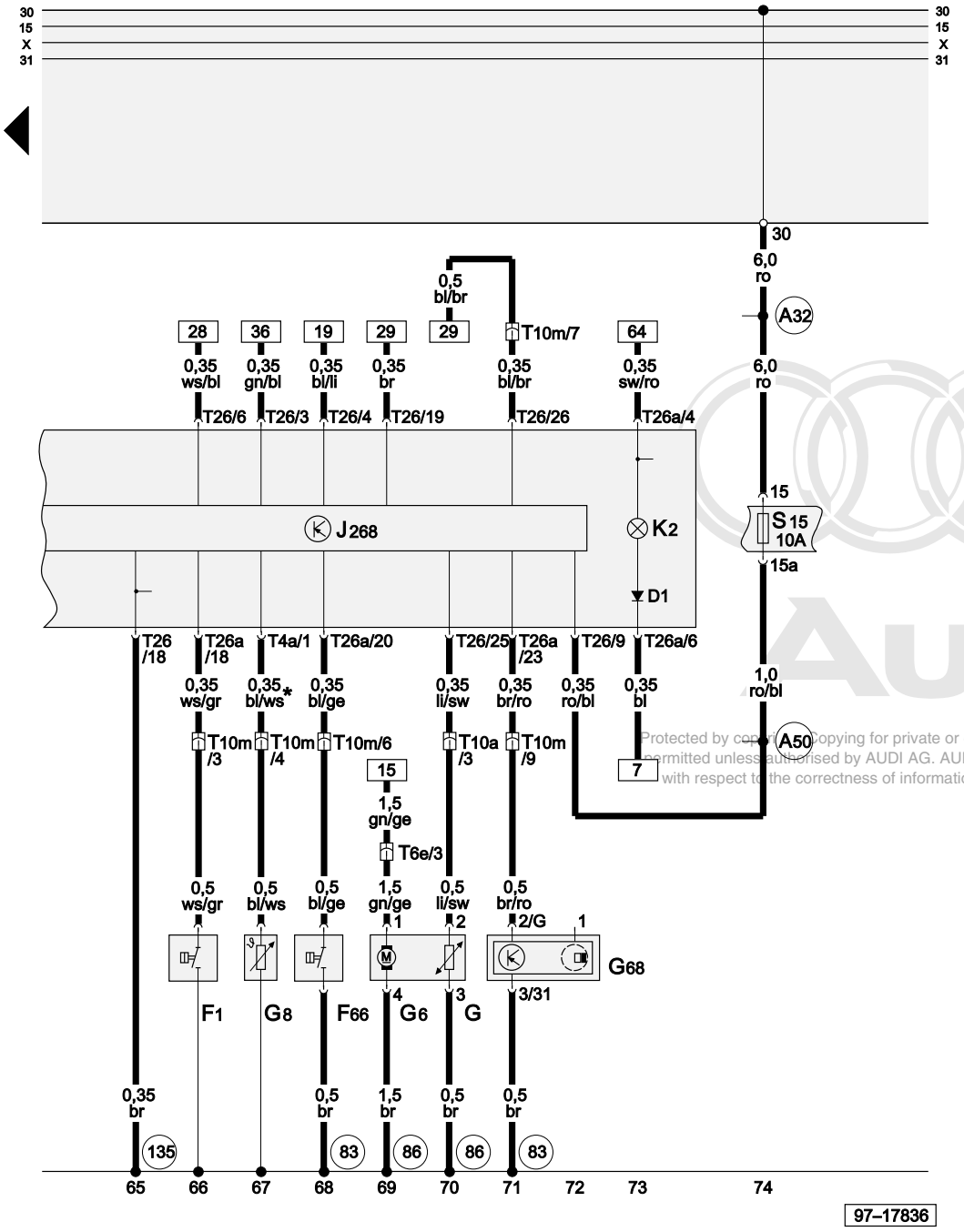


Motronic control unit, lambda probe, ignition

G39	Lambda probe
J220	Motronic control unit
N	Ignition coil 1
N122	Final output stage 1
N128	Ignition coil 2
N192	Final output stage 2
P	Spark plug connector
Q	Spark plugs
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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br = brown
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or = orange
rs = pink

Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, mini-check system control unit

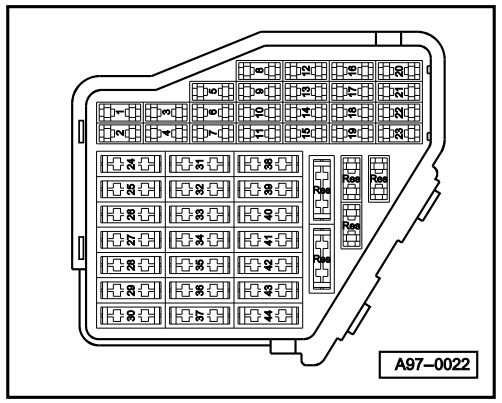
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G8	Oil temperature sender
G68	Vehicle speed sender (inductive sender, 2 connections)
J268	Mini-check system control unit
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

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Audi A4 (1.9 l turbo- diesel TDI, 66 kW, 4 cylinder), engine codes 1Z
Audi A4 (1.9 l turbo- diesel TDI, 81 kW, 4 cylinder), engine codes AFN
Audi A4 (1.9 l biodiesel, 55 kW, 4 cylinder), engine codes AFF

From model year 1996

Fuse box:

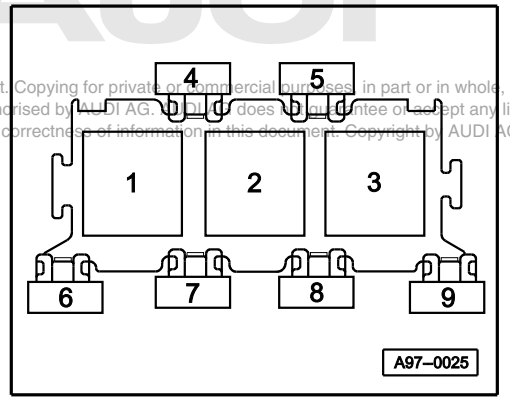


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

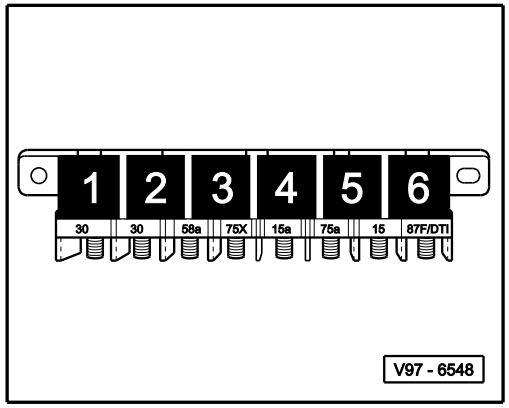
3-point relay carrier (electronics box):



Position of relays:

1 – Relay I for coolant heater elements
2 – Relay II for coolant heater elements
3 – Diesel direct injection system relay
6 – Fuse for engine electrics
7 – Fuse I for coolant heater elements
8 – Fuse II for coolant heater elements
9 – Fuse for glow plugs - engine

Central electrics - front side:

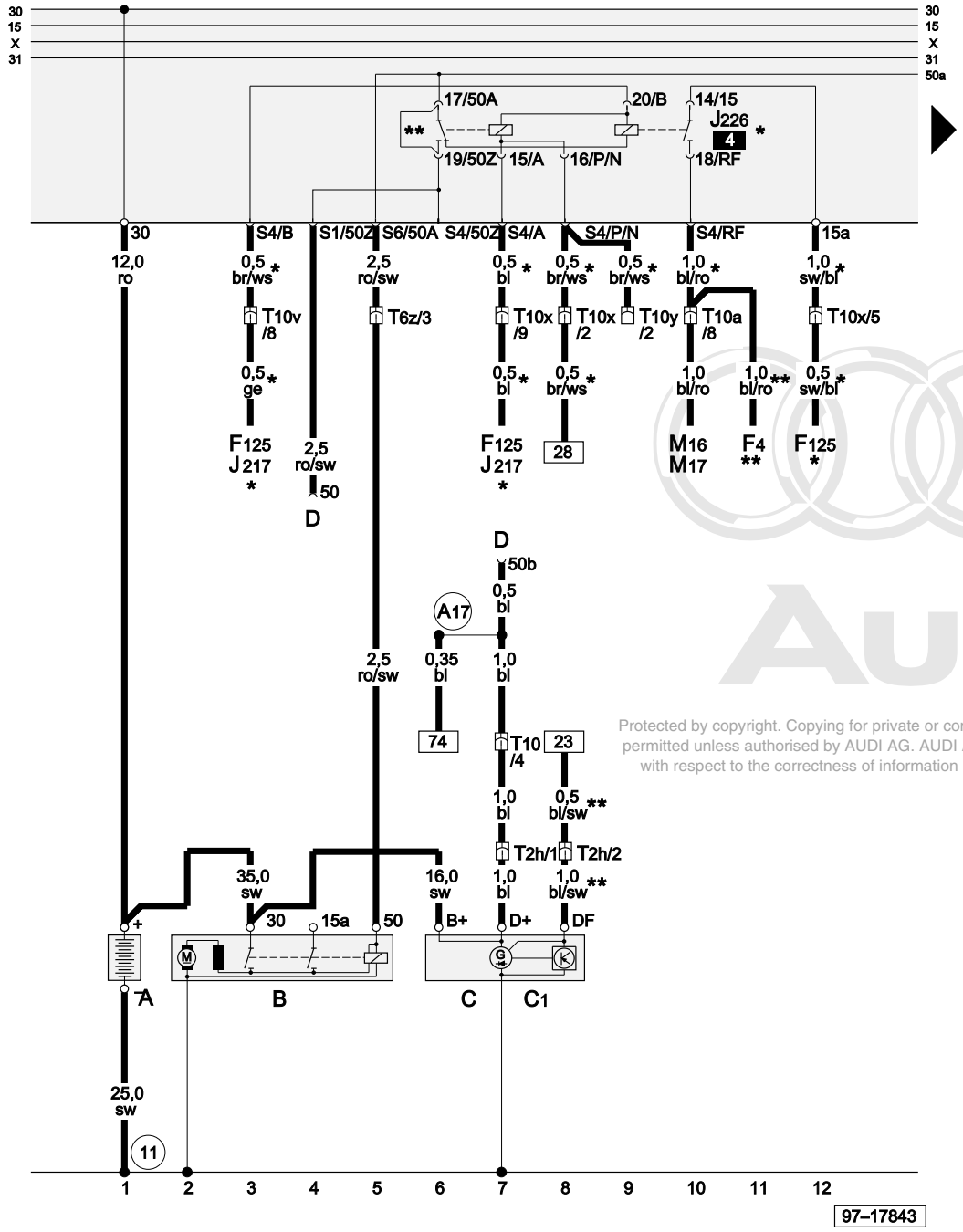


Position of relays:

4 – Bridge connection on models with manual gearbox
Starter inhibitor and reversing light relay with automatic gearbox

6 - Relay for glow plugs

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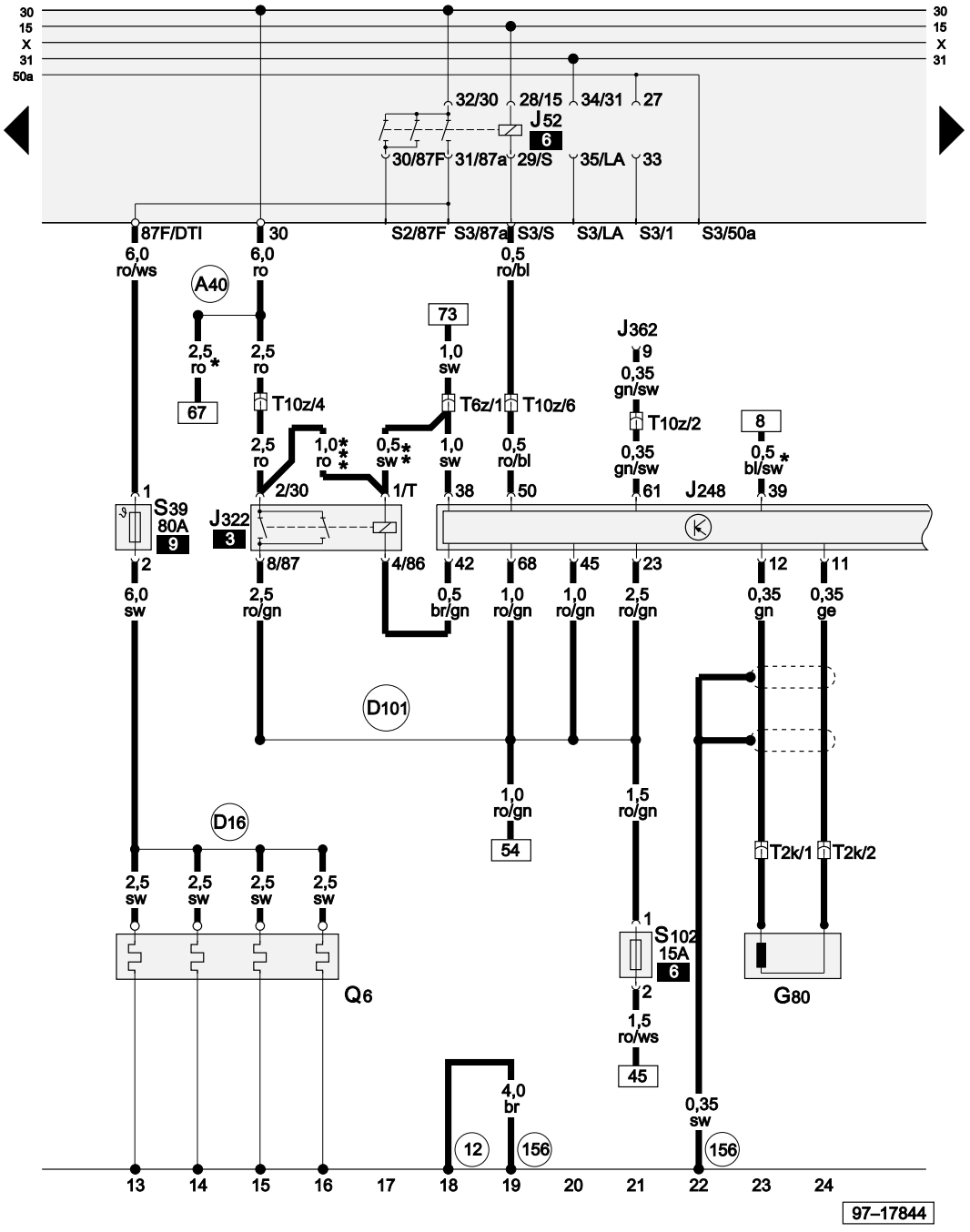


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T2h	2-pin connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

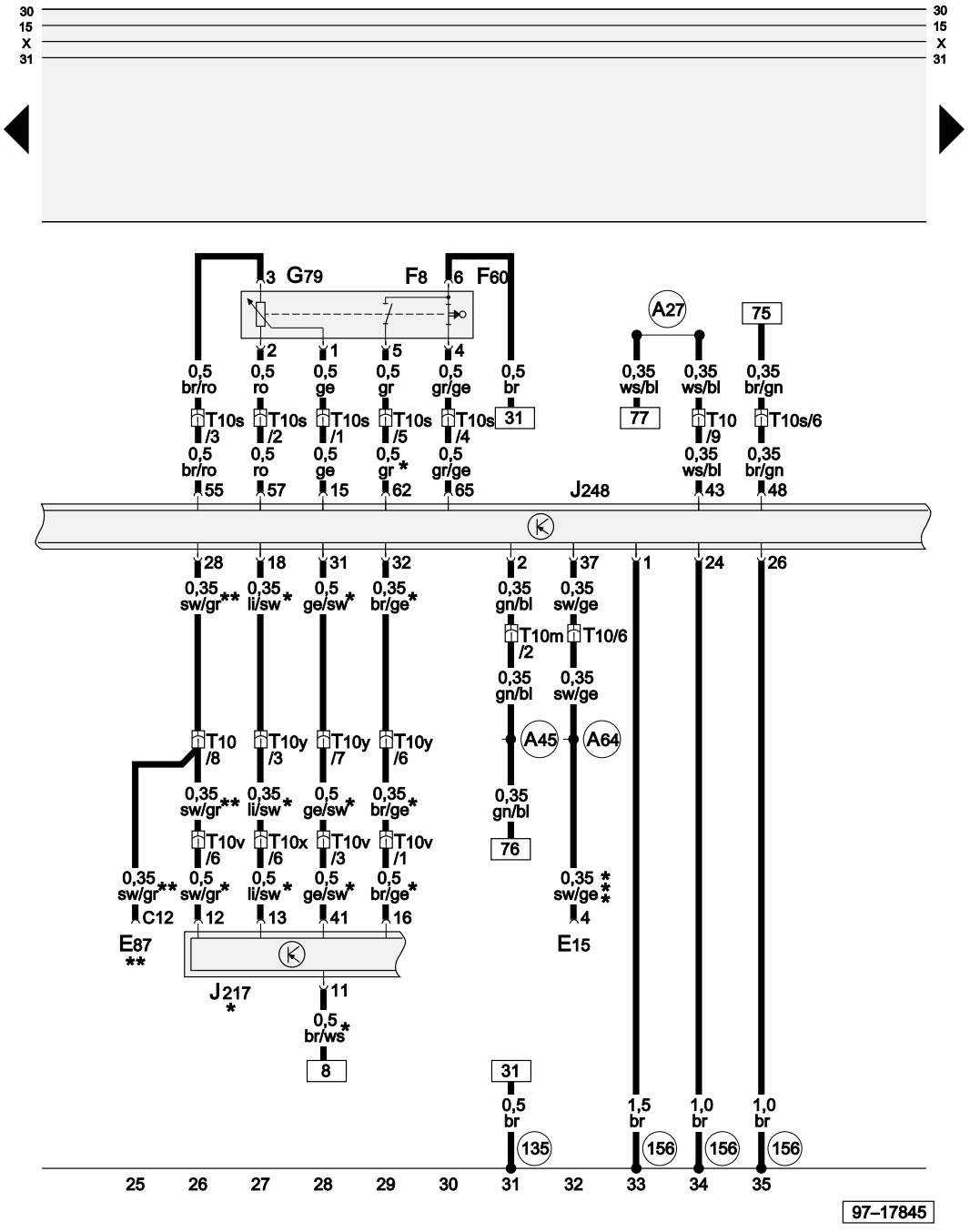


Diesel direct injection system control unit, diesel direct injection system relay, glow plugs

G80	Needle lift sender
J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
J362	Immobilizer control unit
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine)
S102	Fuse for engine electrics (diesel)
T2k	2-pin connector, brown, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
12	Earth connection, in engine compartment, left
156	Earth connection, in diesel direct injection system wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D16	Connection (glow plugs), in engine compartment wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Only models with 1.9 l-TDI 66 kW
***	Only models with 1.9 l-TDI 81 kW

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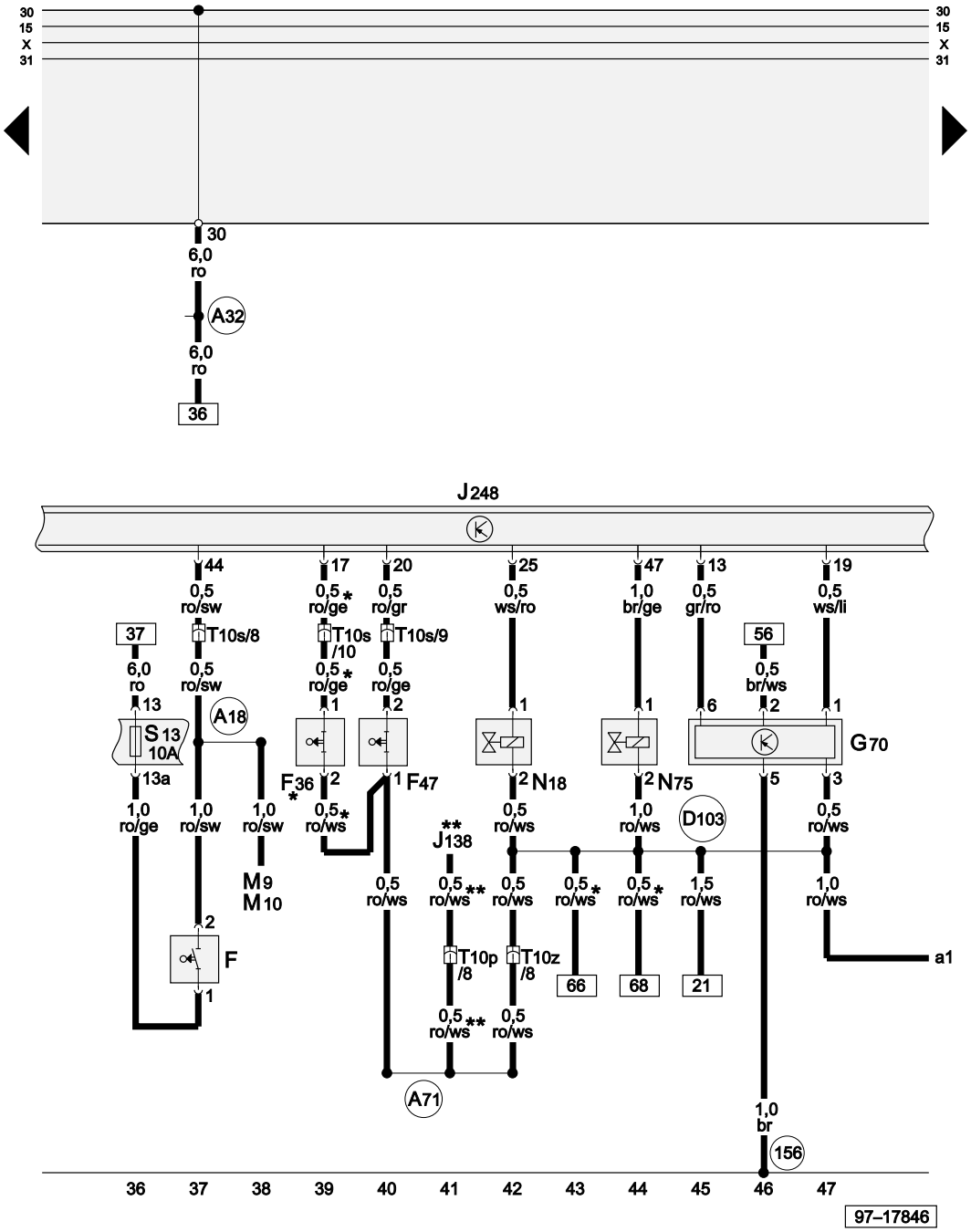


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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, accelerator pedal position sender

E15	Heated rear window switch
E87	Control and display unit for air conditioner
F8	Kick-down switch
F60	Idling switch
G79	Accelerator pedal position sender
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner
***	Does not apply to models with air conditioner

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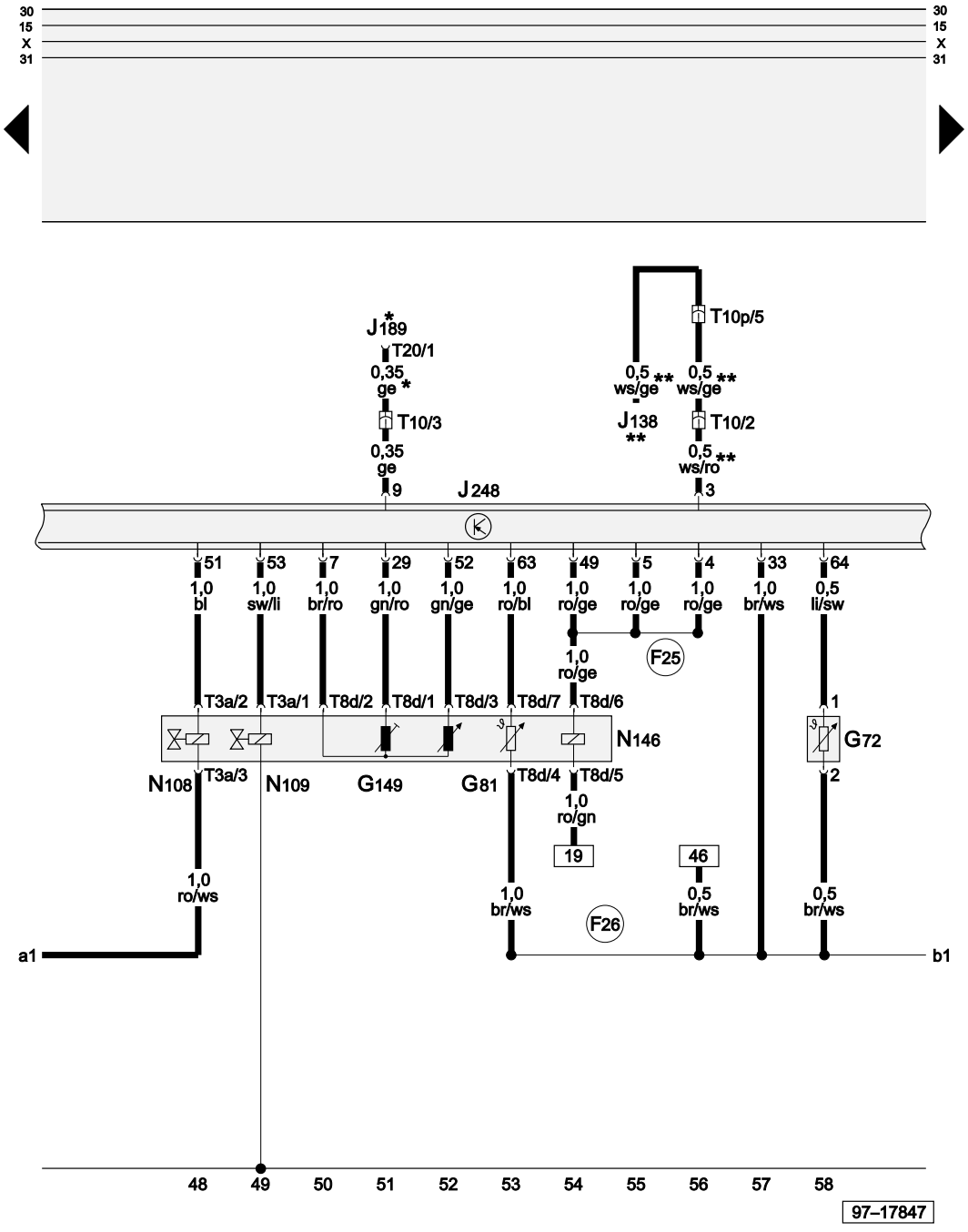


Diesel direct injection system control unit, exhaust gas recirculation valve, charge pressure control solenoid valve

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch for diesel direct inj. system
G70	Air mass meter
J138	Radiator fan run-on relay
J248	Diesel direct injection system control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
T10p	10-pin connector, blue, left connector point, A pillar
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection system wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Only models with 1.9 l-TDI 81 kW

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rs	=	pink

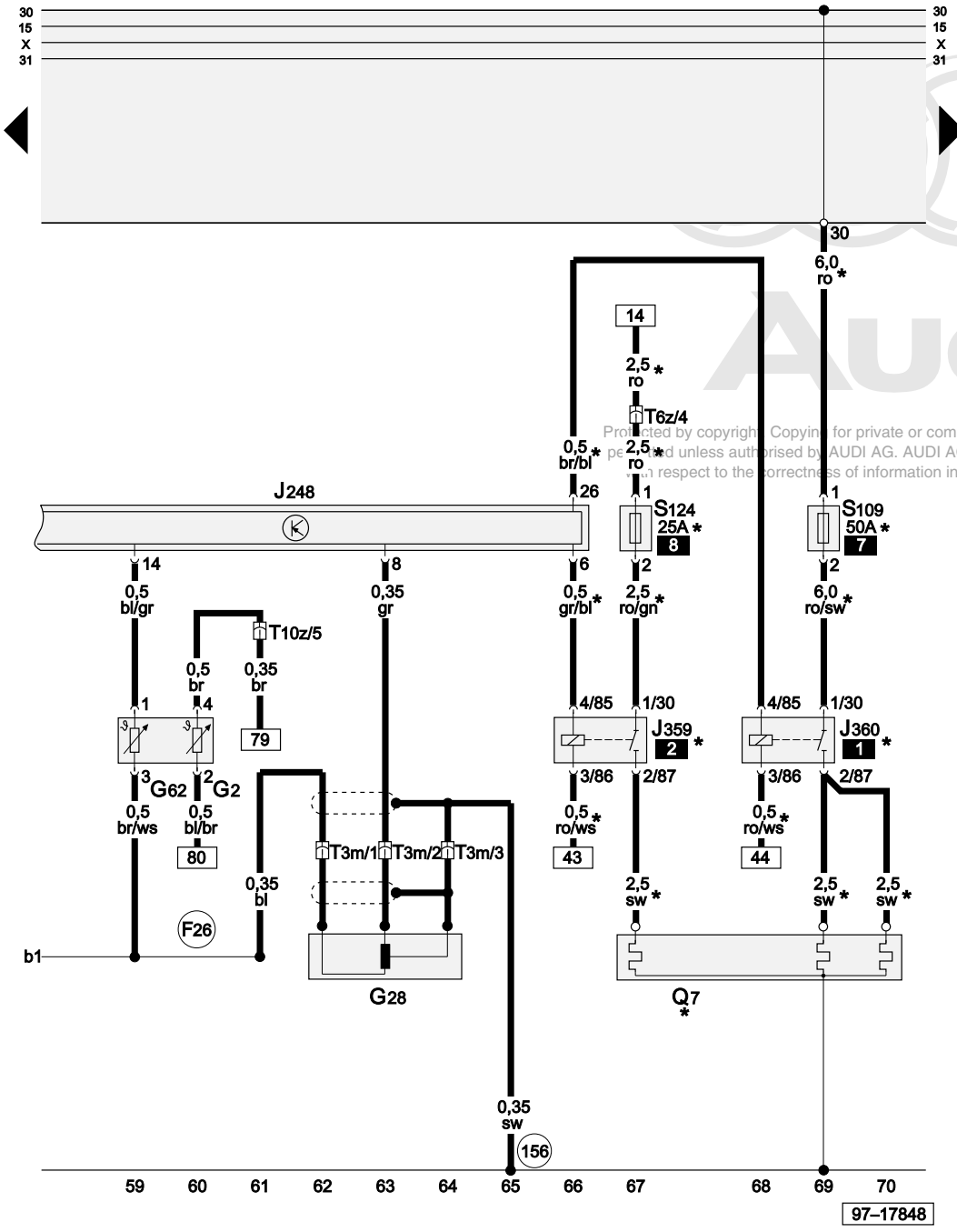


Diesel direct injection system control unit

G72	Intake manifold temperature sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J138	Radiator fan run-on relay
J189	Auto-check system
J248	Diesel direct injection system control unit
N108	Commencement of injection valve
N109	Fuel shut-off valve
N146	Metering adjuster
T3a	3-pin connector, black, in engine compartment
T8d	8-pin connector, in engine compartment
T10p	10-pin connector, blue, left connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
F25	Connection -1-, in diesel direct injection system wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only models with auto-check system
**	Only models with 1.9 l-TDI 81 kW

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rs	=	pink

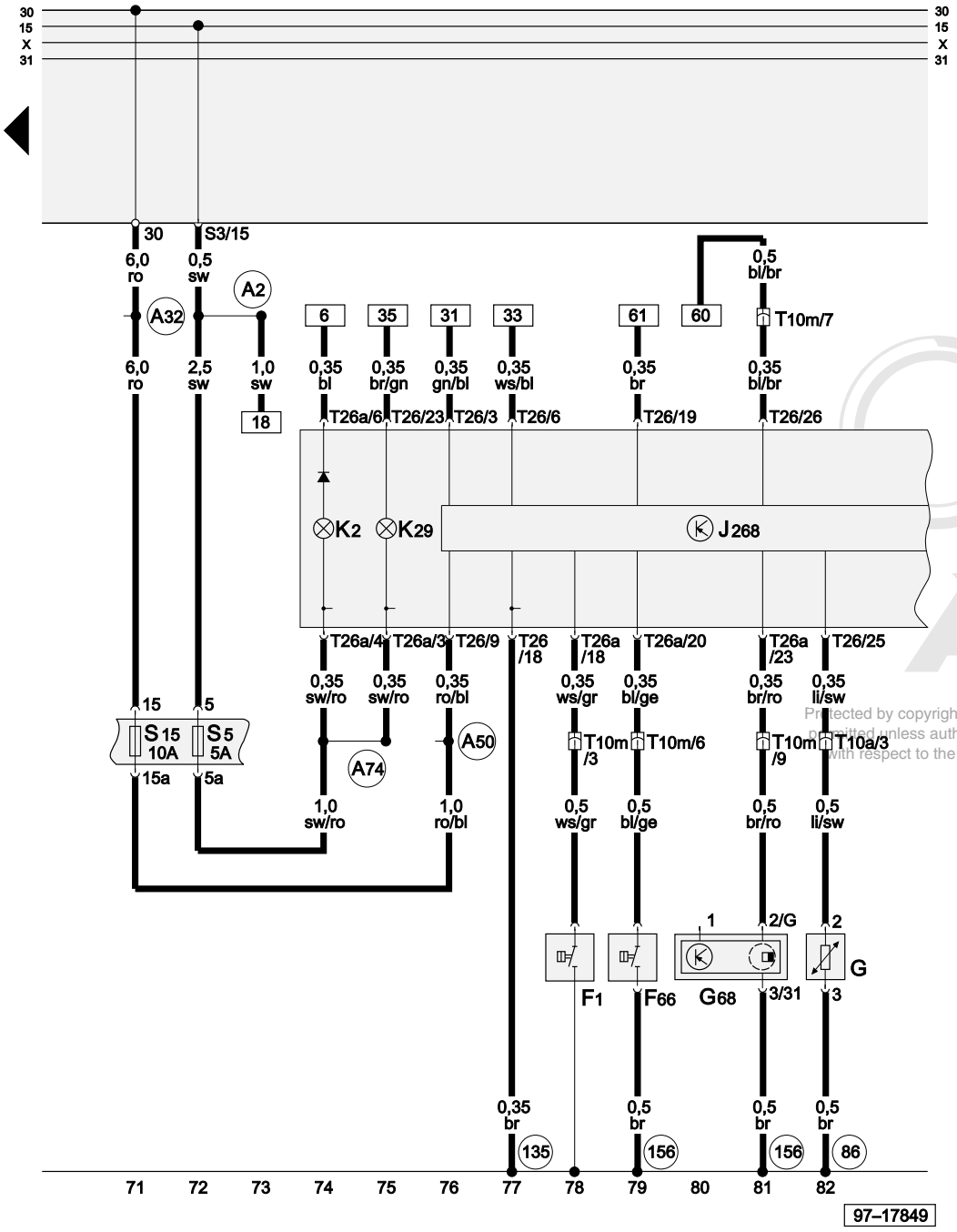


Diesel direct injection system control unit, engine speed sender, ccoolant temperature sender, relay for coolant heater elements, coolant heating elements

G2	Coolant temperature sender
G28	Engine speed sender
G62	Coolant temperature sender
J248	Diesel direct injection system control unit
J359	Low heat output relay
J360	High heat output relay
Q7	Coolant heater elements
S109	Coolant heater element fuse (coolant, high heat output)
S124	Coolant heater element fuse (coolant, low heat output)
T3m	3-pin connector, grey, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection system wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only models with manual gearbox

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, mini-check system control unit, fuel gauge sender, vehicle speed sender, oil pressure switch

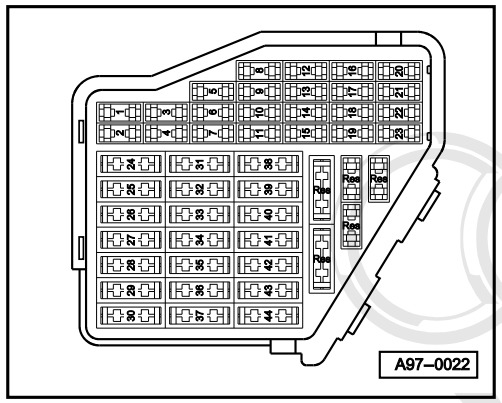
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G68	Vehicle speed sender
J268	Mini-check system control unit
K2	Alternator warning lamp
K29	Glow period warning lamp
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 231), in dash panel wiring harness

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Audi A4 (2.6 l fuel injection engine, 110 kW, Multi-point injection, 6 cylinders), engine codes ABC

From model year 1996

Fuse box:

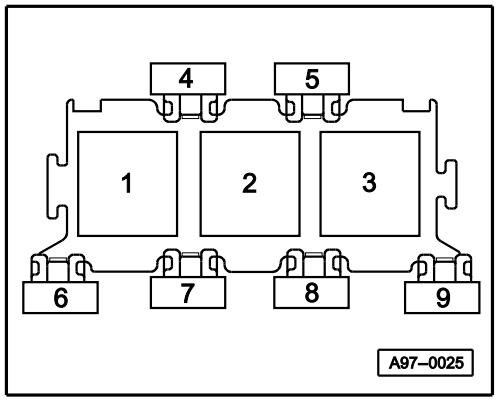


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

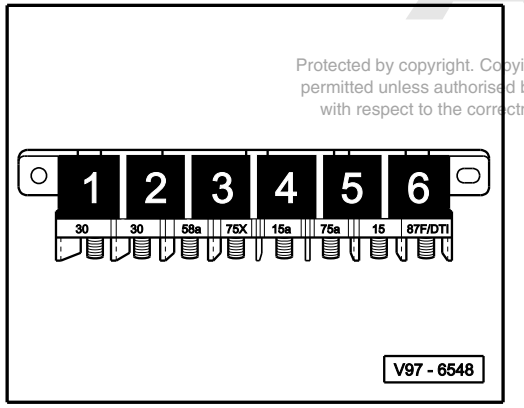
3-point relay carrier:



Position of relays:

1 – Lambda probe heater relay

Central electrics - front side:

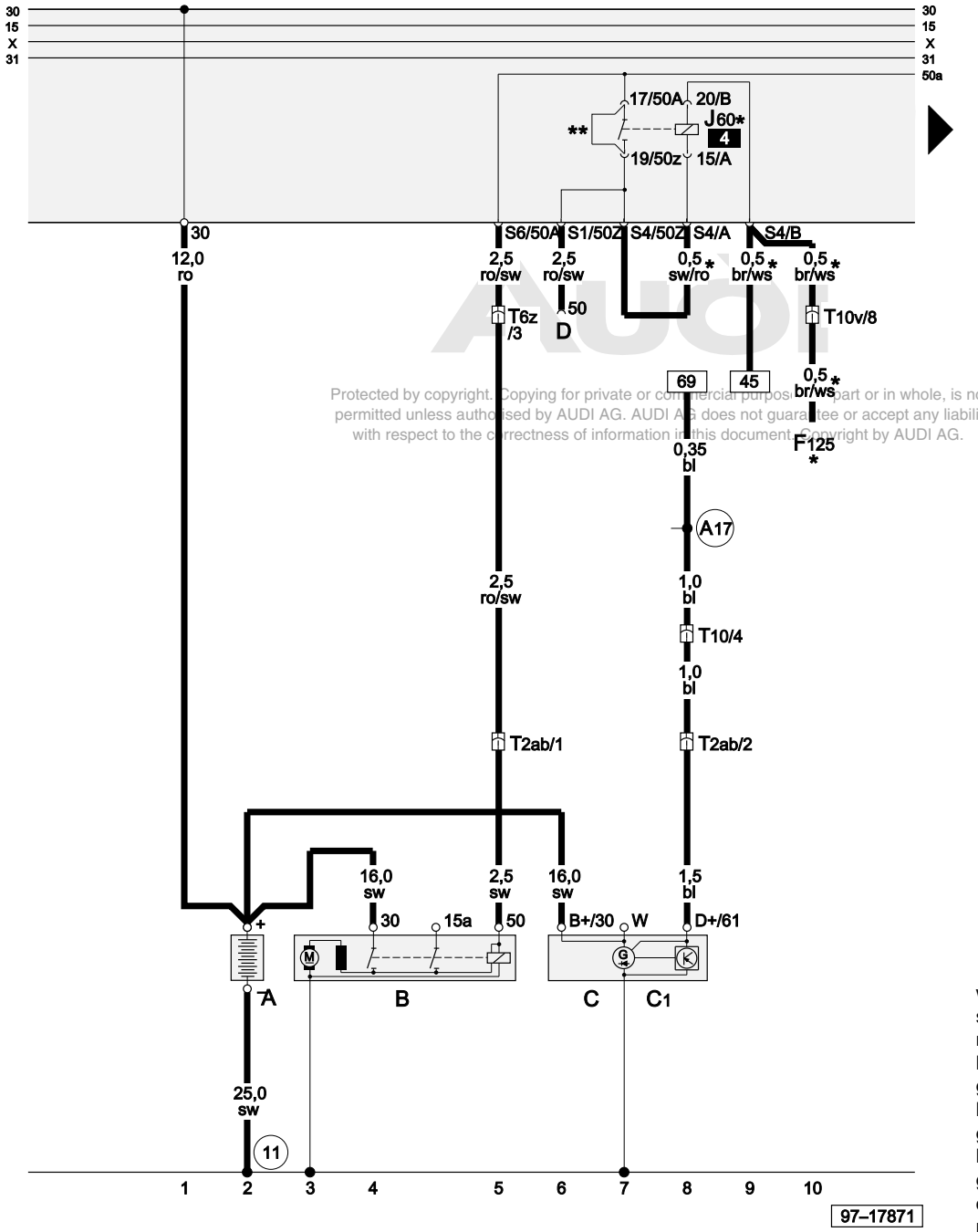


Position of relays:

4 – Bridge connection on models with manual gearbox
[Relay for automatic gearbox

6 - Fuel pump relay

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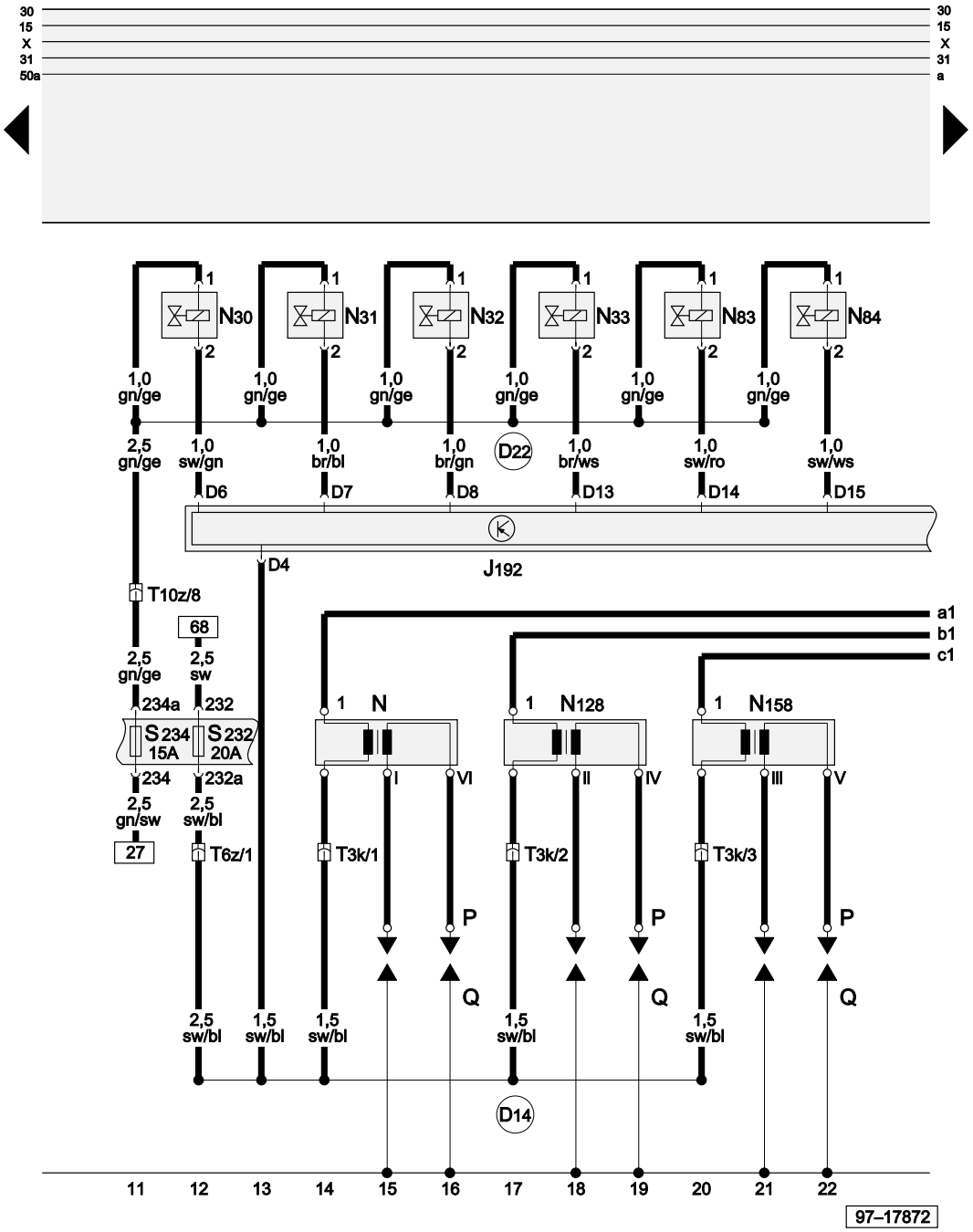


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Automatic gearbox relay
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
(11)	Earth point, in battery box
(A17)	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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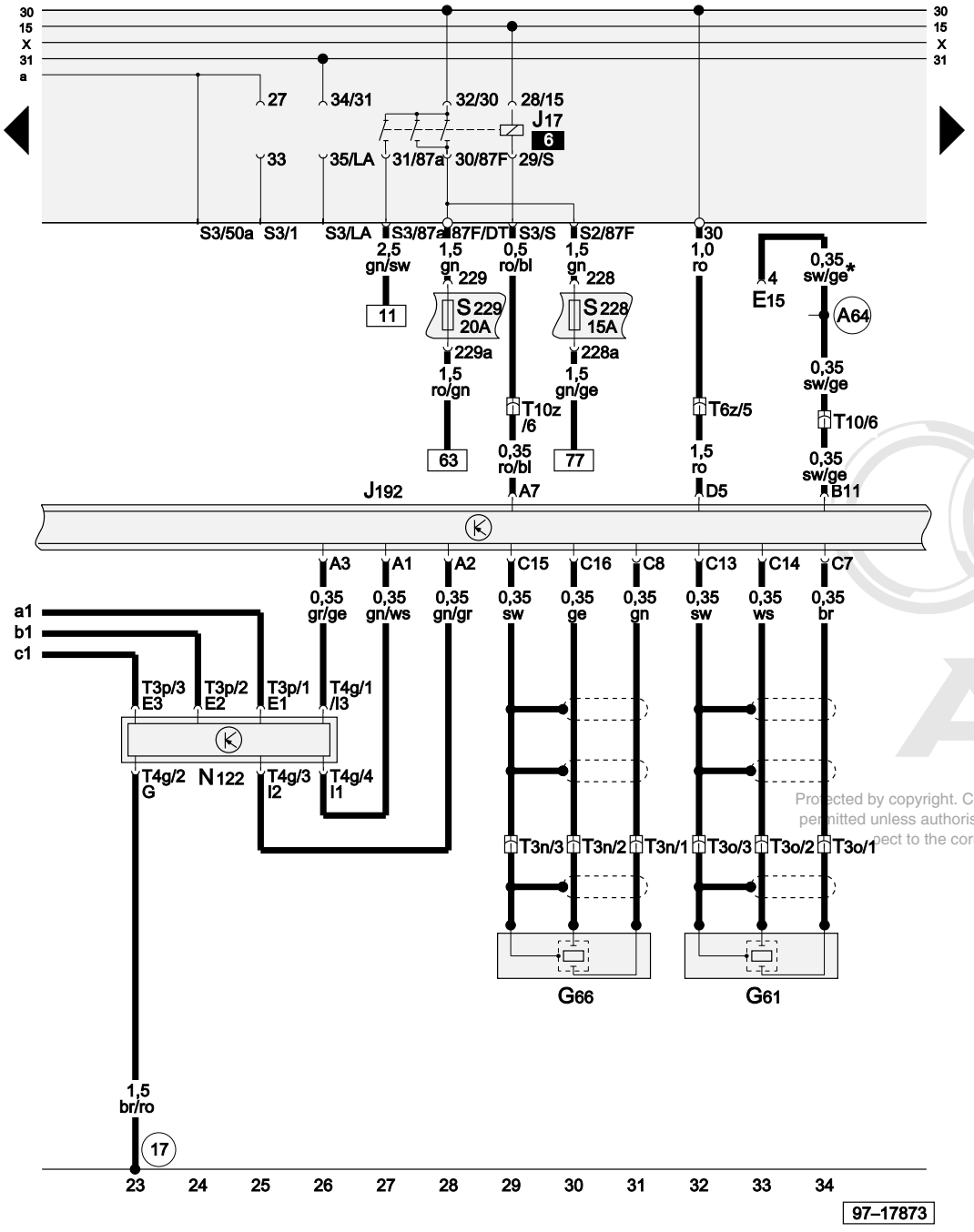


Multi-point injection control unit, ignition system, injectors

J192	Multi-point injection control unit
N	Ignition coil
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T3k	3-pin connector, white, in engine compartment left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D14	Connection (ignition coil - control unit), in front right wiring harness
D22	Connection (via fuse 234), in front right wiring harness

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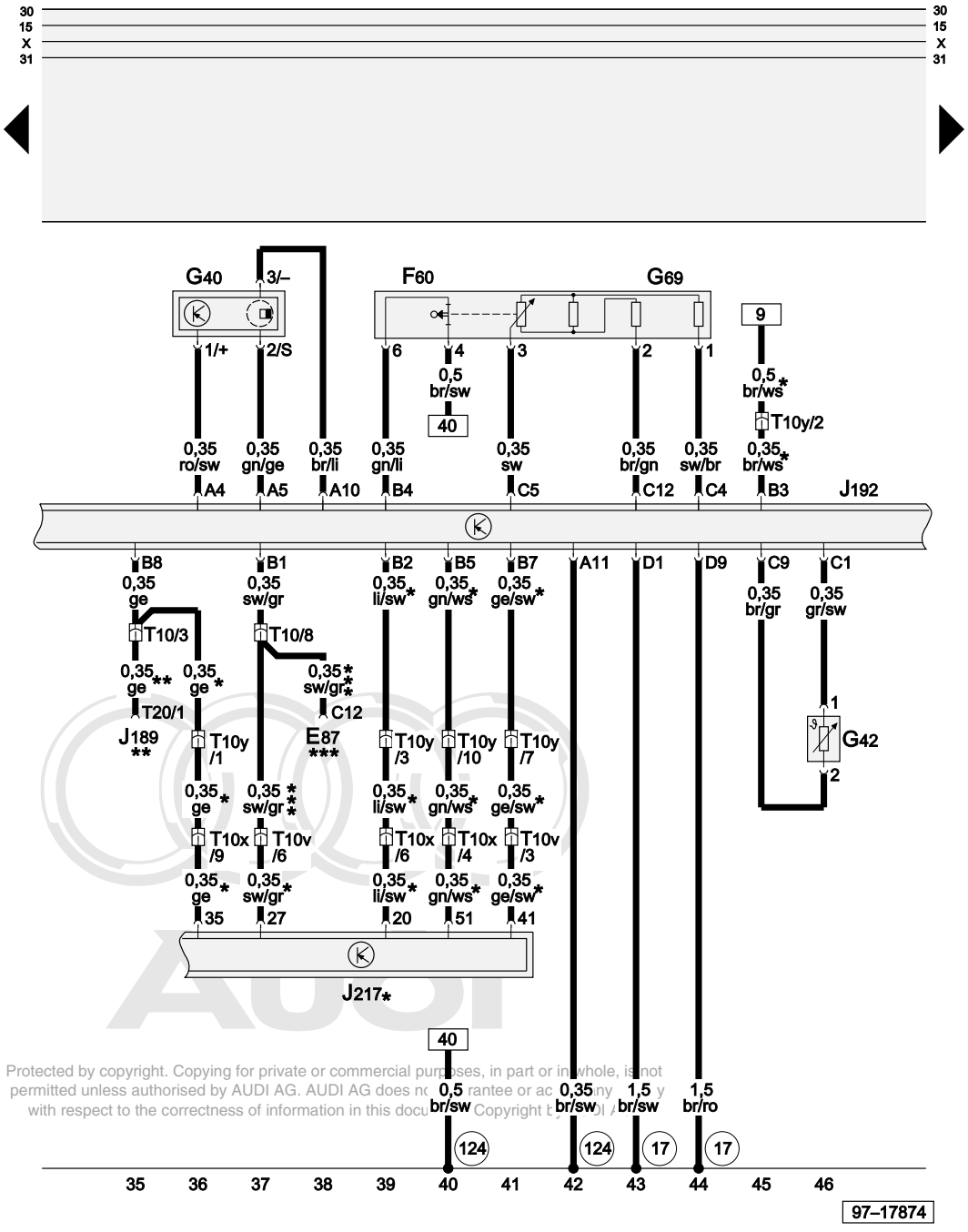


Multi-point injection control unit, fuel pump relay, knock sensors, final output stage for ignition coils

E15	Heated rear window switch
G61	Knock sensor I
G66	Knock sensor II
J17	Fuel pump relay
J192	Multi-point injection control unit
N122	Final output stage
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment
T3p	3-pin connector, green, in engine compartment, left
T4g	4-pin connector, brown, on ignition coil
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
17	Earth point, on intake manifold
A64	Connection (rpm boost), in dash panel wiring harness
*	Does not apply to models with air conditioner

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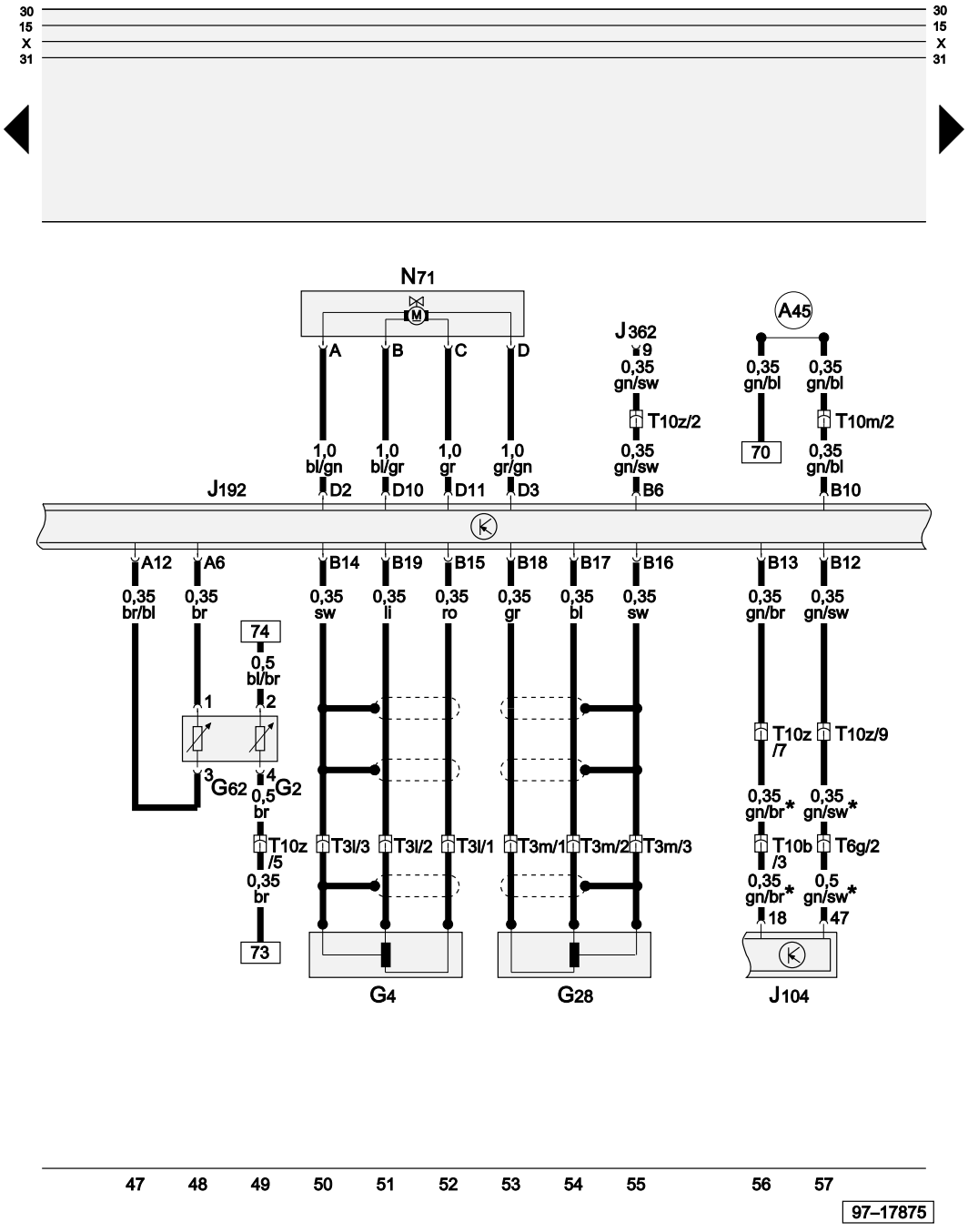


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Multi-point injection control unit, throttle valve potentiometer, hall sender

E87	Control and display unit for air conditioner/Climatronic
F60	Idling switch
G40	Hall sender
G42	Intake air temperature sender
G69	Throttle valve potentiometer
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
17	Earth point, on intake manifold
124	Earth connection, in engine compartment right wiring harness
*	Only models with automatic gearbox
**	Only models with auto-check system
***	Only models with air conditioner

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

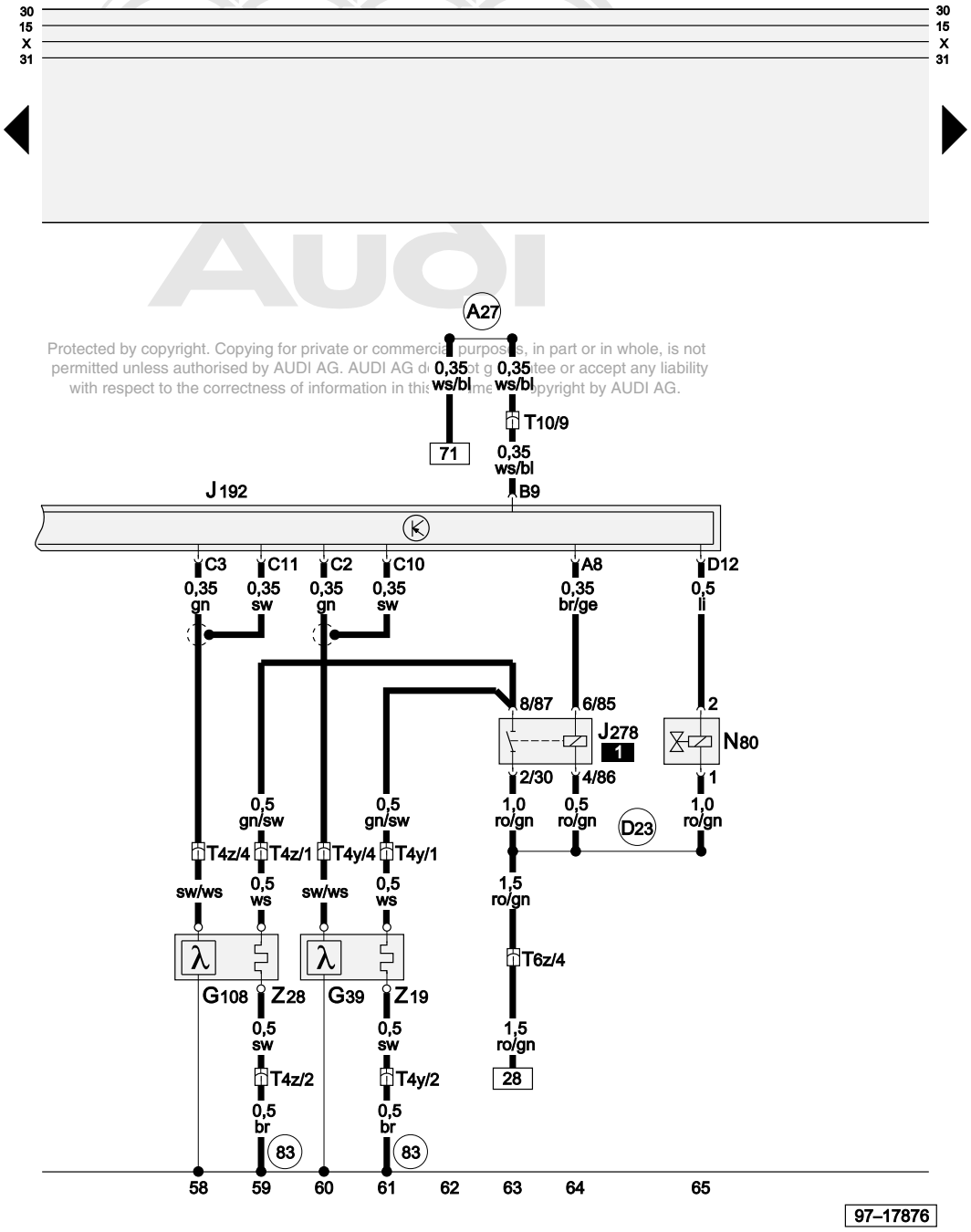


Multi-point injection control unit, firing point sender, engine speed sender, coolant temperature sender

G4	Firing point sender
G28	Engine speed sender
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J362	Immobilizer control unit
N71	Idling stabilization valve
T3l	3-pin connector, black, in engine compartment, left
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
(A45)	Connection (engine speed signal), in dash panel wiring harness
*	See applicable Current Flow Diagram: ABS

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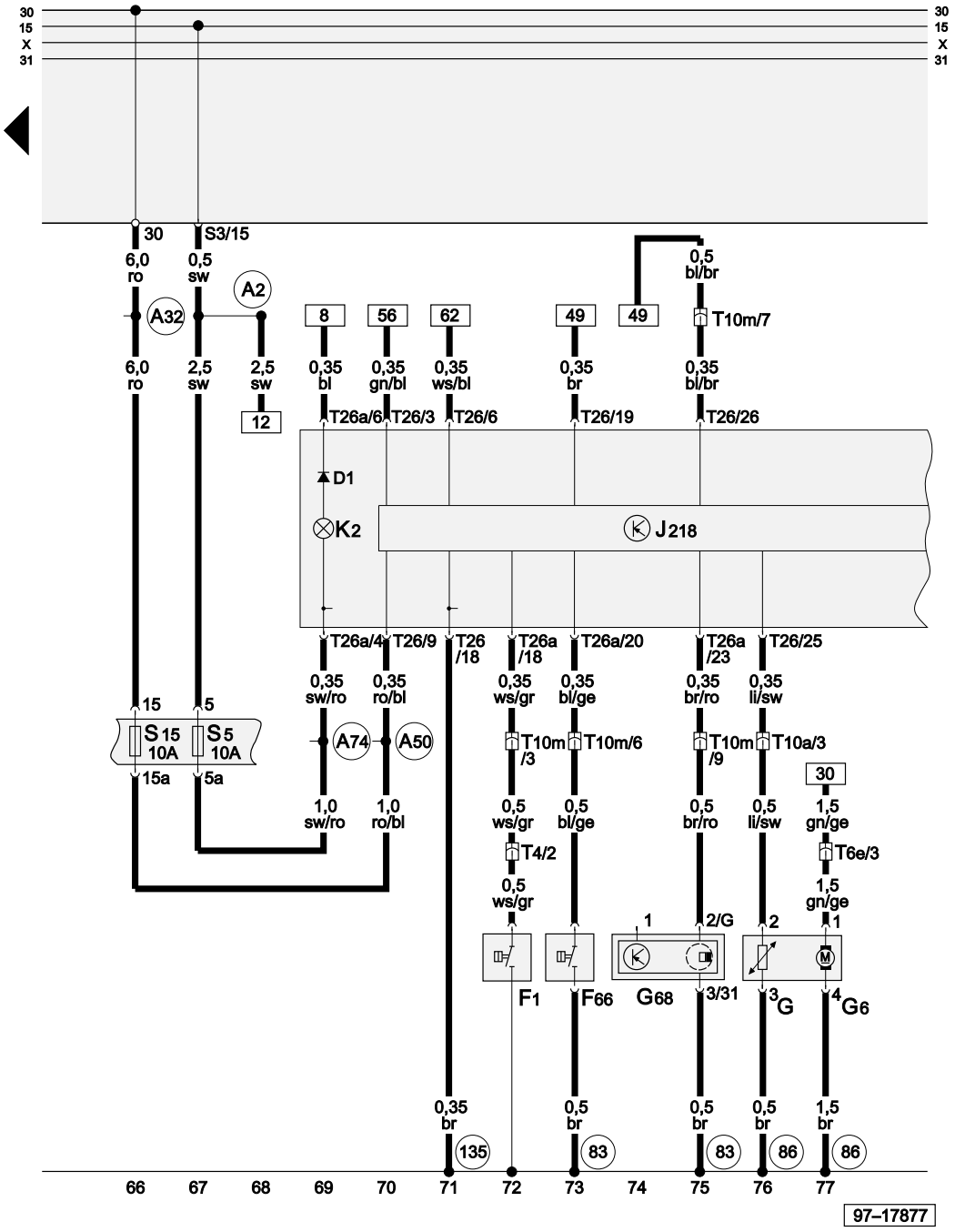


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Multi-point injection control unit, fuel pump relay, lambda probes with heating

G39	Lambda probe 1
G108	Lambda probe 2
J192	Multi-point injection control unit
J278	Lambda probe heater
N80	Activated charcoal filter system solenoid valve 1
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
Z19	Lambda probe 1 heater
Z28	Lambda probe 2 heater
83	Earth connection -1-, in front right wiring harness
A27	Connection (speed signal), in dash panel wiring harness
D23	Connection (via fuse 229), in front right wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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gn = green
bl = blue
gr = grey
li = purple
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Dash panel insert, combi-processor in dash panel insert, vehicle speed sender, oil pressure switch, fuel pump

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4	4-pin connector, black, centre in engine compartment
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert

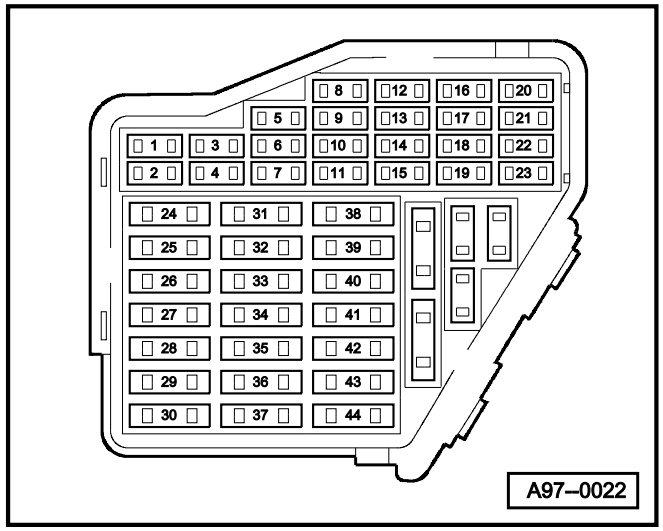
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83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 231), in dash panel wiring harness

Audi A4 (1.8 l fuel injection engine, 110 kW, Motronic (5-valve/turbo), 4 cylinder), engine codes AEB

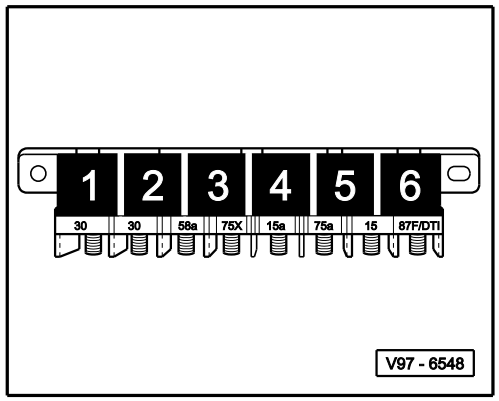
From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

Bridge connection on models with manual gearbox

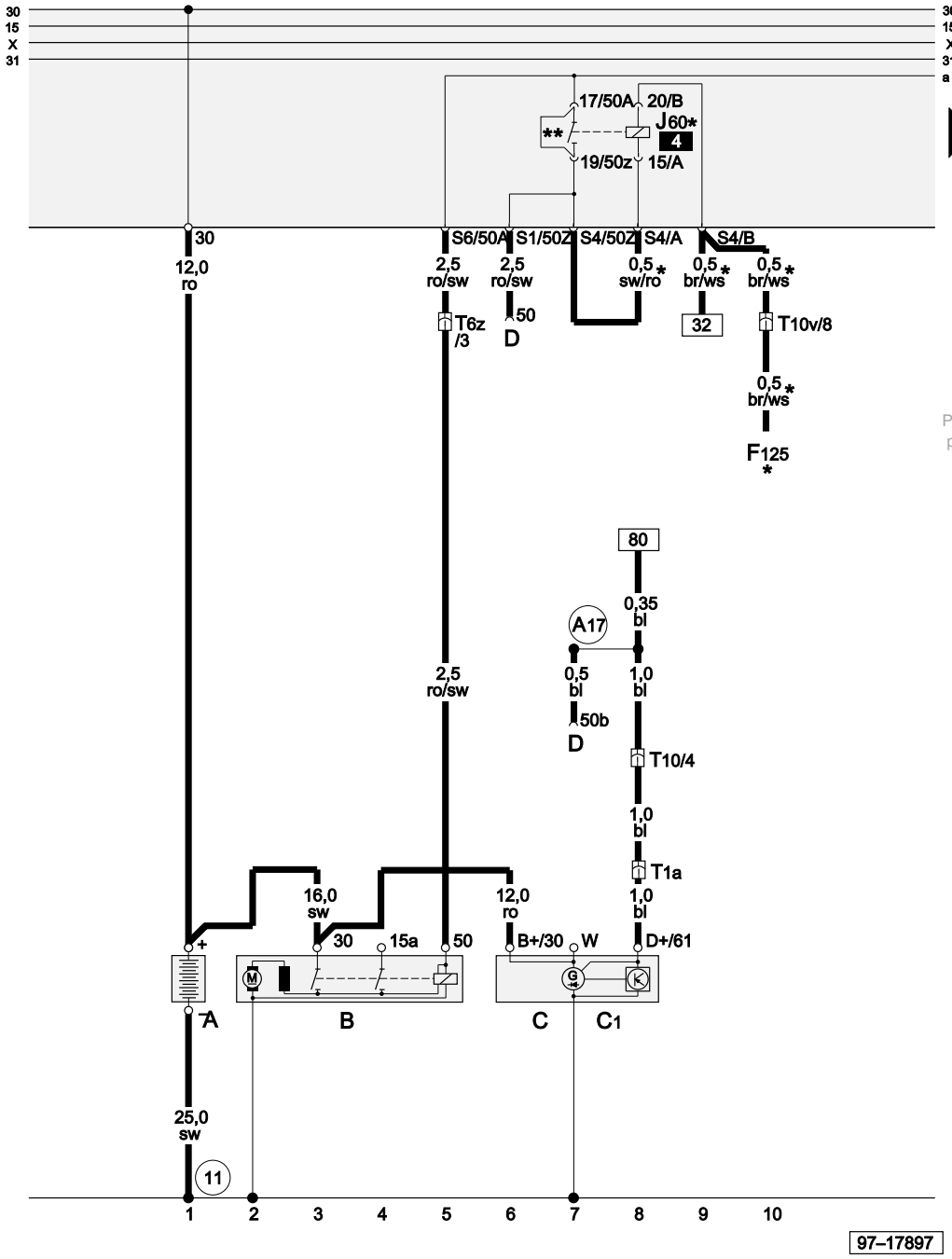
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4 - Starter inhibitor and reversing light relay with automatic gearbox
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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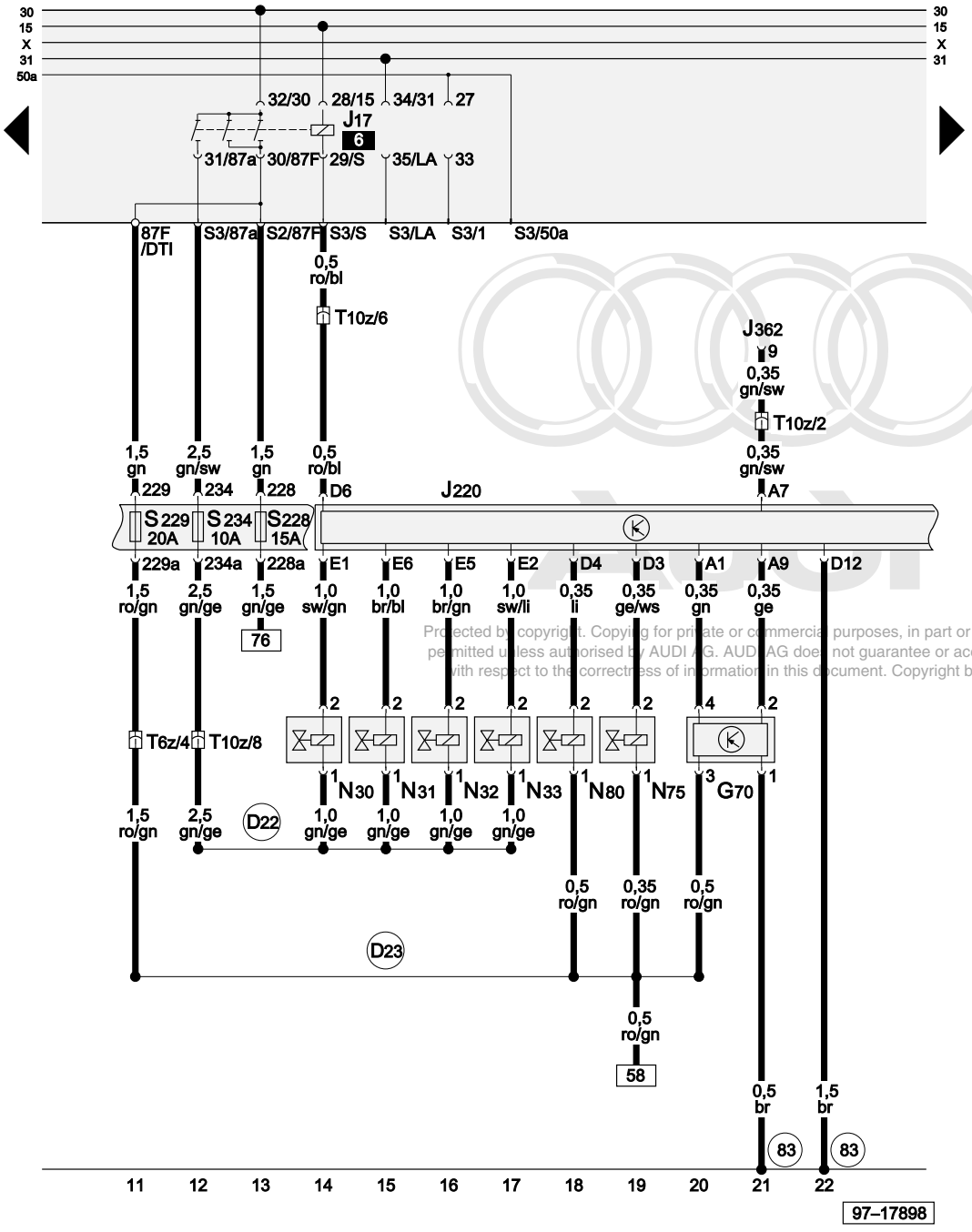


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Relay for automatic gearbox
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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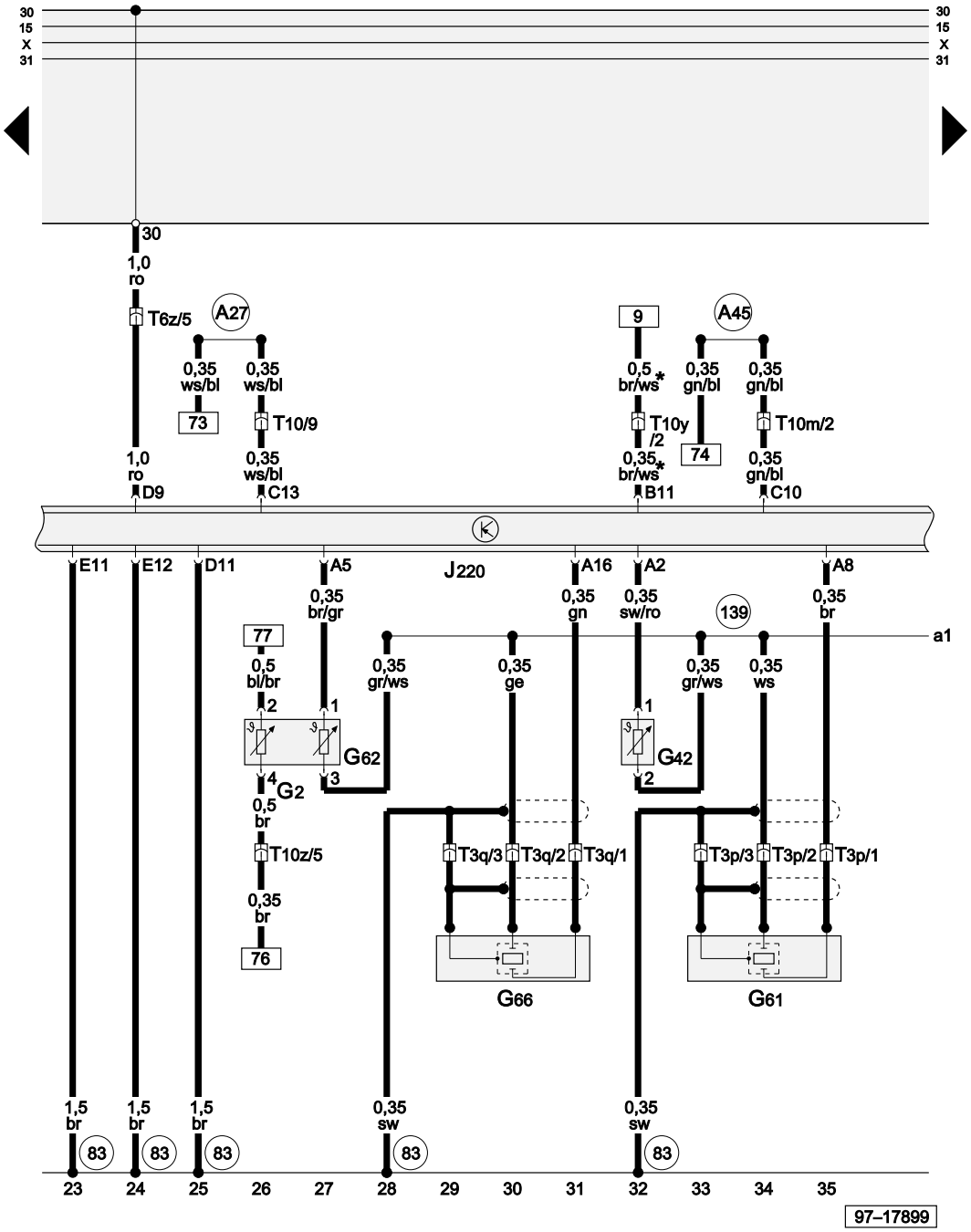


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Motronic control unit, fuel pump relay, injectors, air mass meter

G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A79	Connection (hot light switch), in dash panel wiring harness
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in engine compartment wiring harness, right

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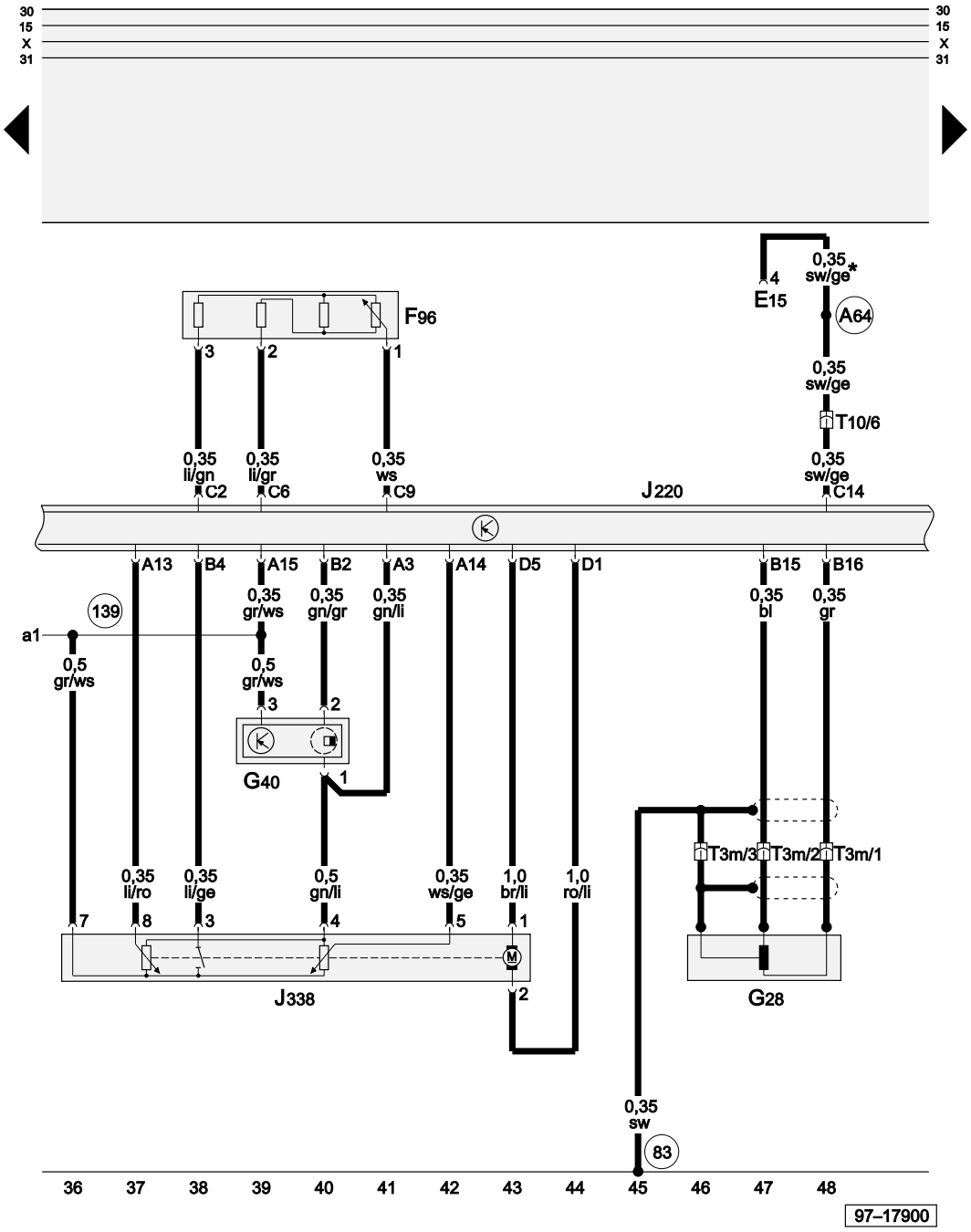


Motronic control unit, coolant temperature sender, knock sensors

G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3q	3-pin connector, blue, in engine compartment, left
T3p	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10y	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox

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gr	=	grey
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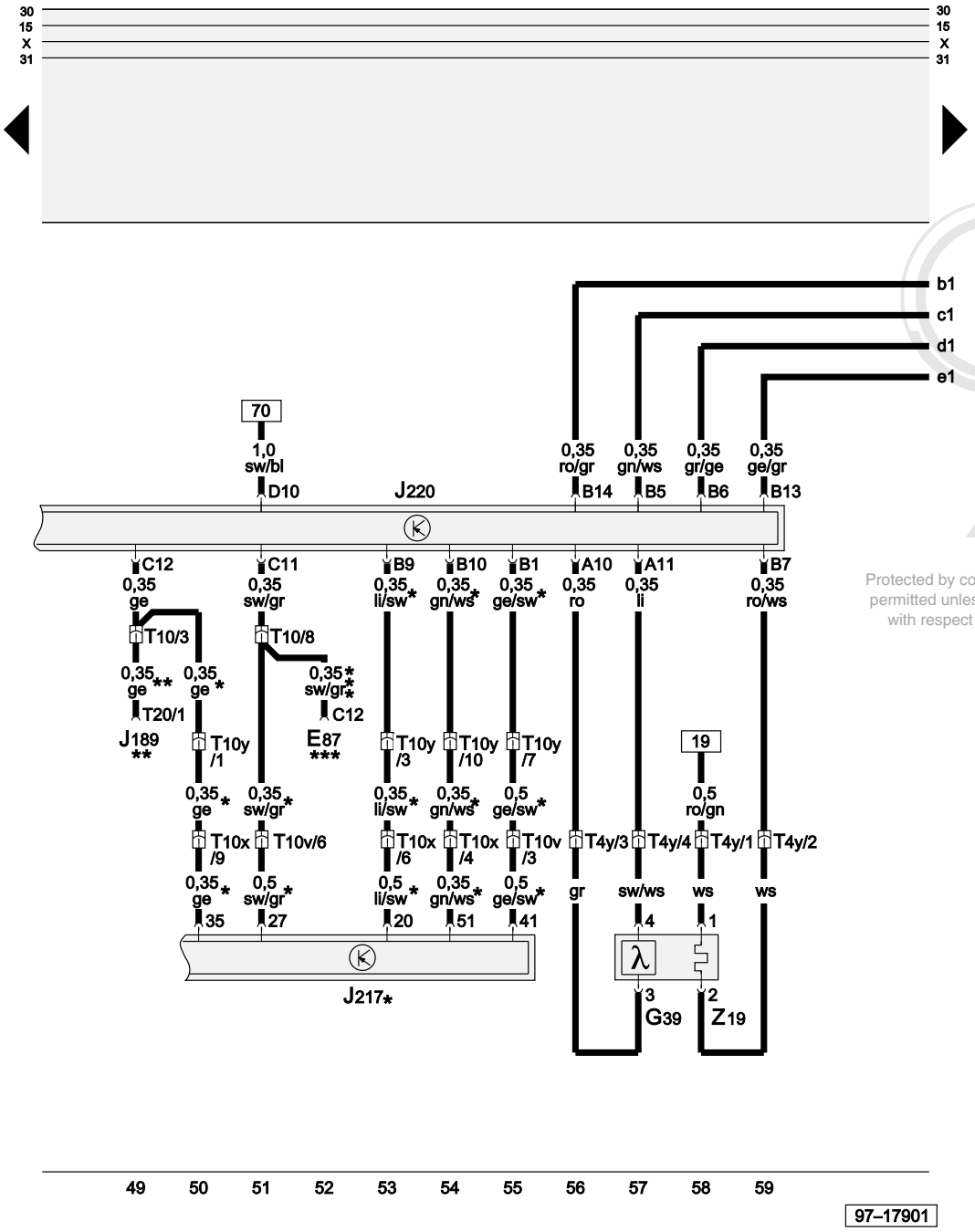


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ge = yellow
or = orange
rs = pink

Motronic control unit, engine speed sender, throttle valve, hall sender, altitude sender

E15	Heated rear window switch
F96	Altitude sender
G28	Engine speed sender
G40	Hall sender
J220	Motronic control unit
J338	Throttle valve
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Does not apply to models with air conditioner

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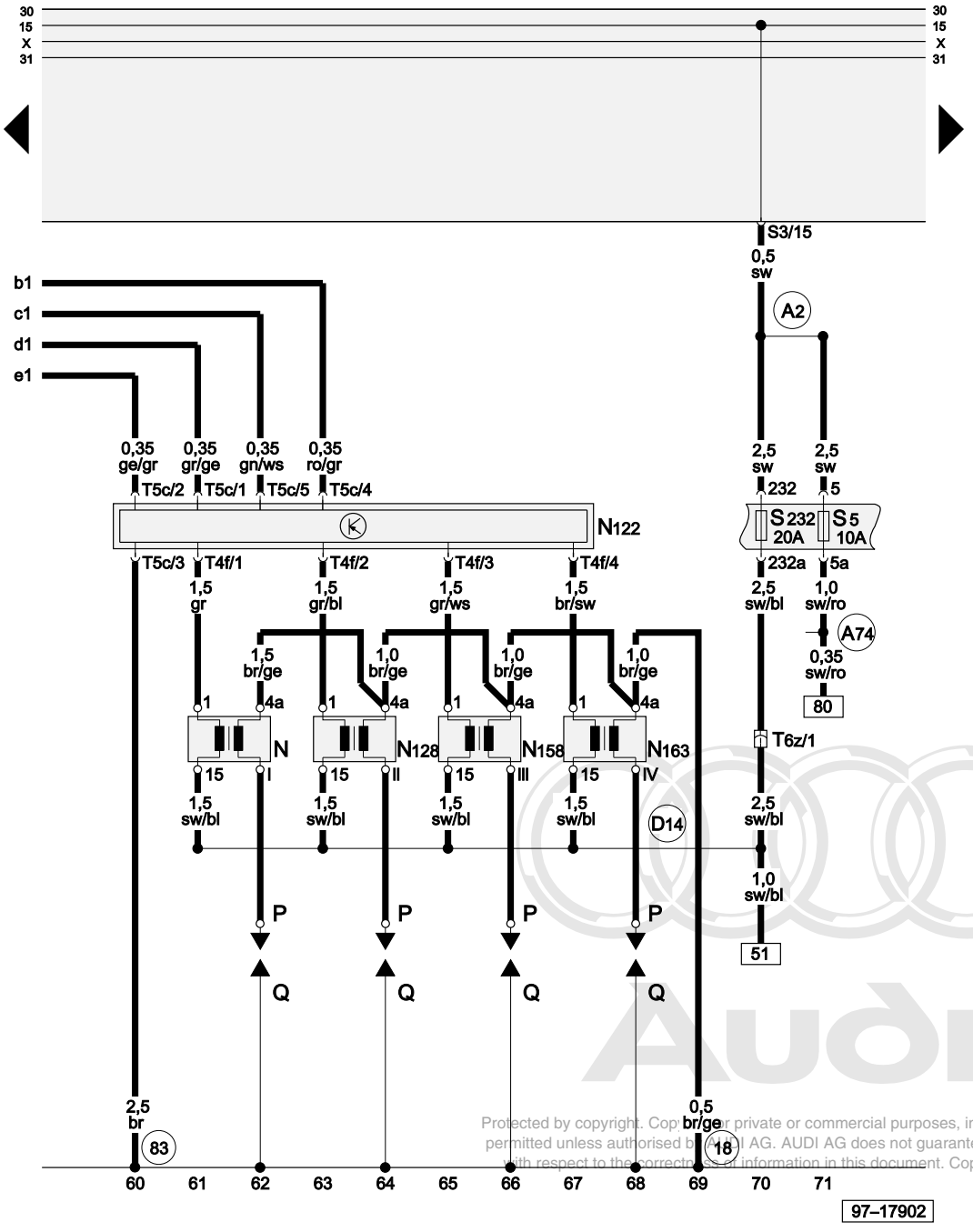


Motronic control unit, lambda probe

E87	Control and display unit for air conditioner
G39	Lambda probe
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
T4y	4-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
*	Only models with automatic gearbox
**	Only models with auto-check system
***	Only models with air conditioner

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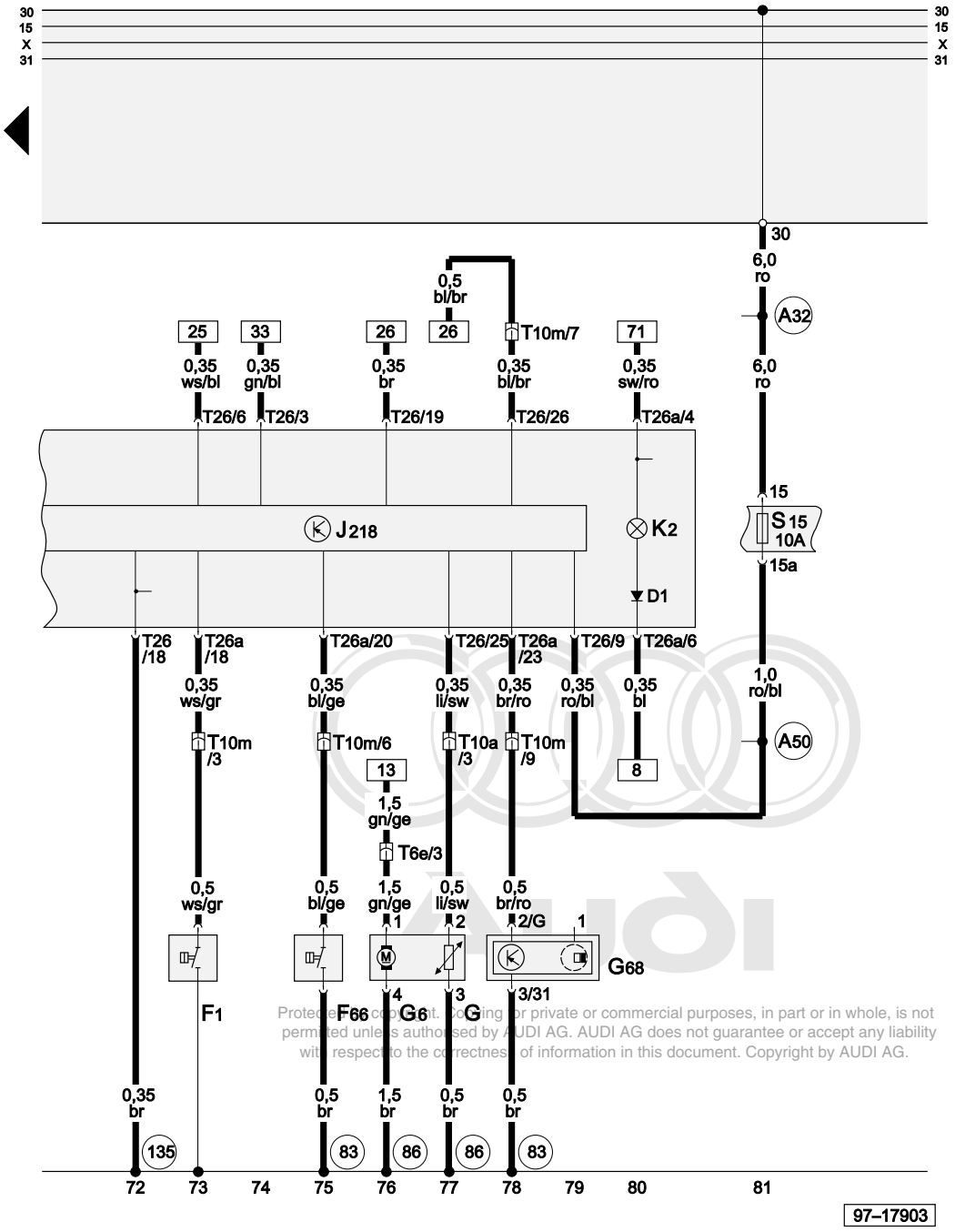


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Ignition system

N	Ignition coil 1
N122	Final output stage
N128	Ignition coil 2
N158	Ignition coil 3
N163	Ignition coil 4
P	Spark plug connector
Q	Spark plugs
T4f	4-pin connector, black, on ignition final output stage
T5c	5-pin connector, black, on ignition final output stage
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
18	Earth point, on engine block
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness

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rs = pink

Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert, mini-check system control unit

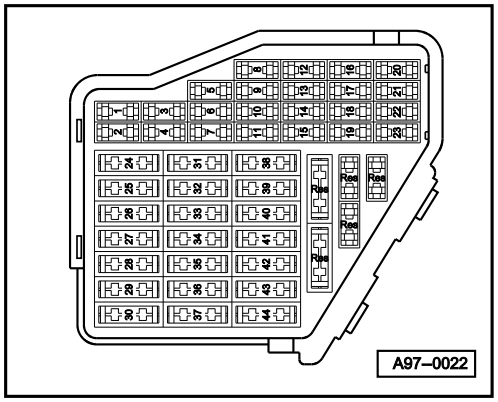
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender (inductive sender, 2 connections)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness

Air conditioner with automatic control

From 1996 model year

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Fuse box:

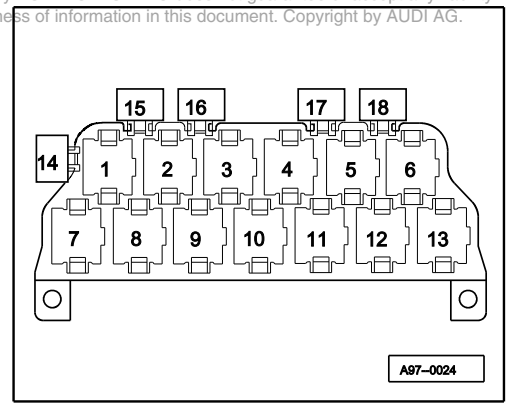


Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5A - orange
5 A - beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

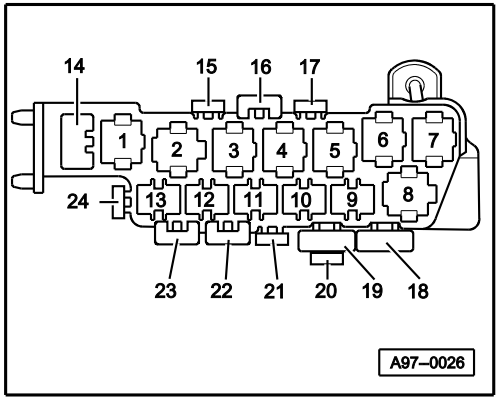
13-point relay carrier:



Position of relays:

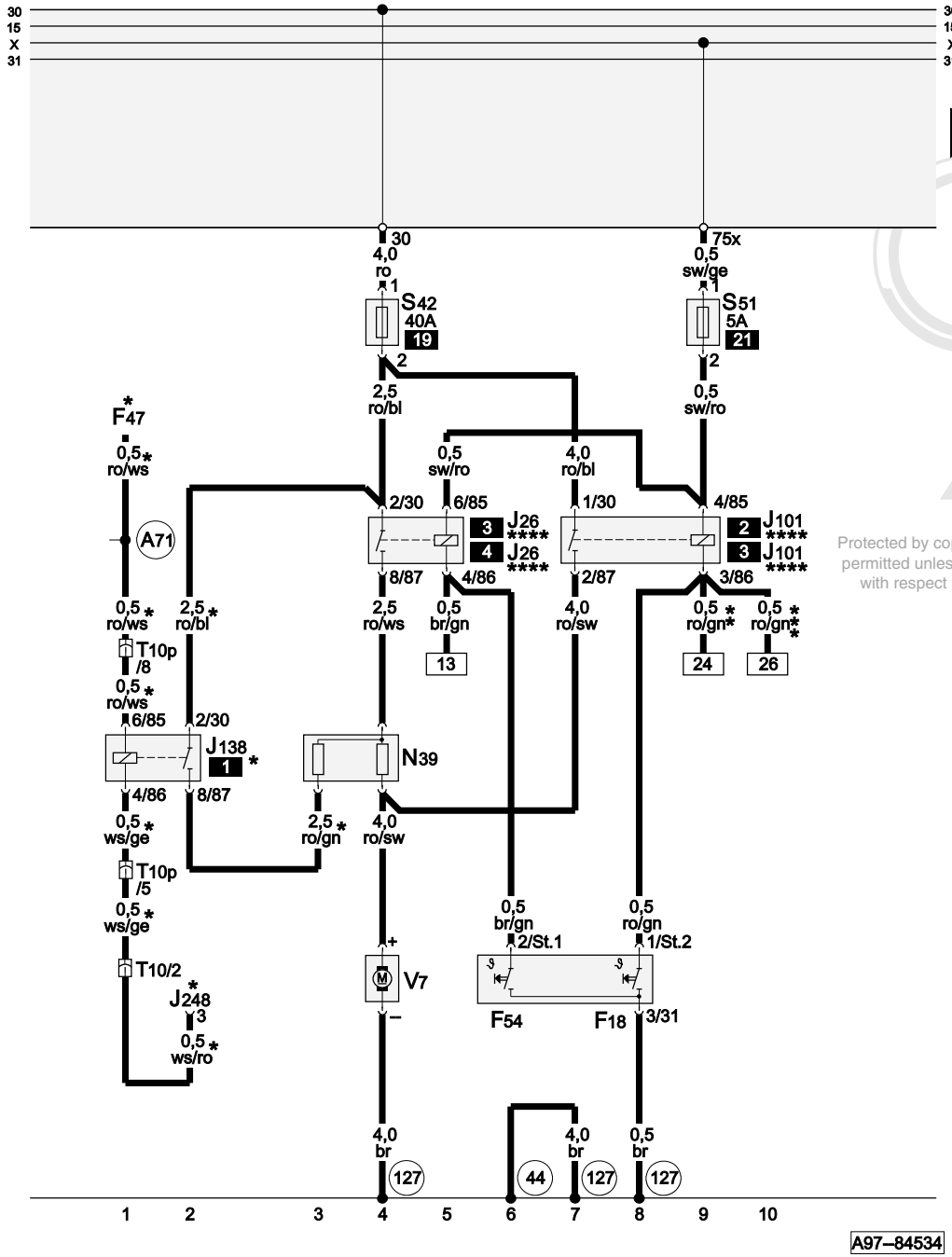
3 - Magnetic coupling relay

8-point relay carrier:



Position of relays:

1 - Radiator fan run-on relay
2 - Radiator fan relay
3 - Radiator fan relay
3 - Radiator fan 2nd speed relay
4 - Radiator fan 2nd speed relay
19 - Radiator fan single fuse
21 - Radiator fan fuse (relay coil)

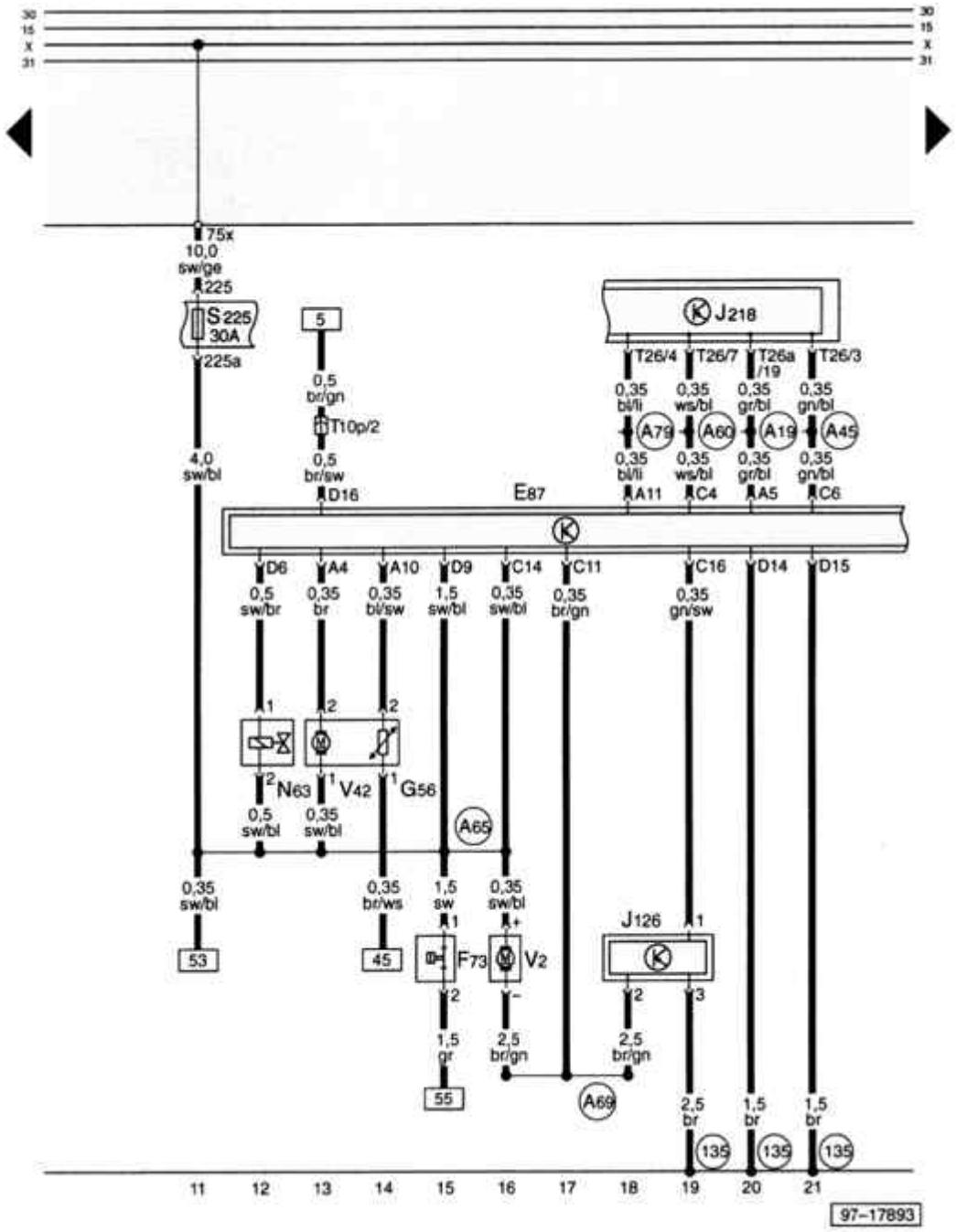


Air conditioner with automatic control

F18	Radiator fan thermo-switch
F47	Operating switch for diesel direct injection system
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J138	Radiator fan run-on relay
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse (relay coil)
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A pillar
127	Earth connection -1-, in air conditioner compressor wiring harness
A71	Connection (86), in dash panel wiring harness
*	Only applies to 1.9 litre TDI engines, 81 kW, 4-cylinder
**	Only applies to 4-cylinder engines
***	Only applies to 6-cylinder engines
****	Depending on vehicle equipment

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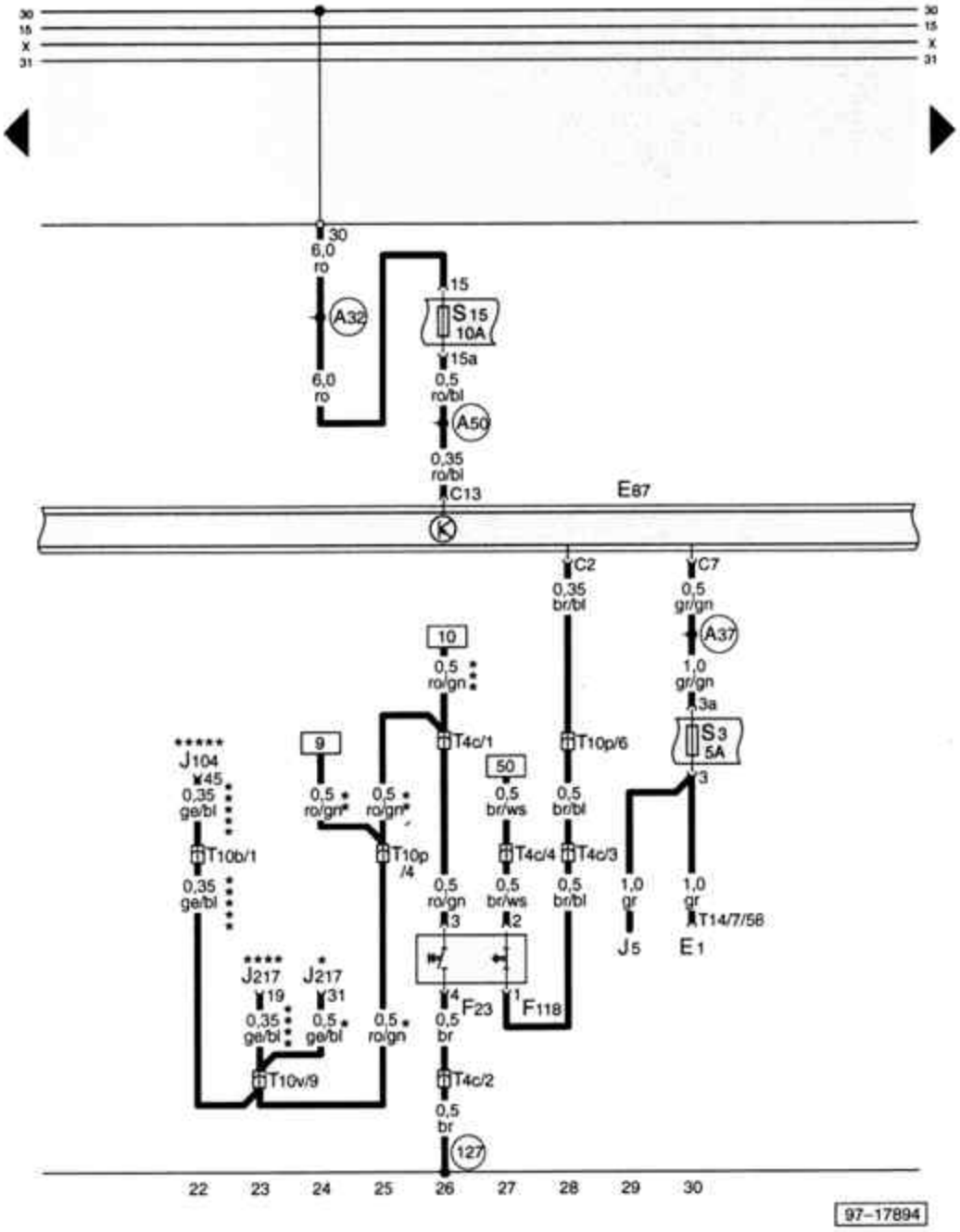


Air conditioner with automatic control

E87	Control and display unit for air conditioner/Climatronic
F73	Low pressure switch for air conditioner
G56	Dash panel temperature sensor
J126	Fresh air blower control unit
J218	Combi-processor in dash panel insert
N63	Fresh air/air recirculating flap two-way valve
S225	Fuse in fuse box
T10p	10-pin connector, grey, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V2	Fresh air blower
V42	Temperature sensor blower
135	Earth connection -2-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A65	Connection (75a, digital air conditioner), in dash panel wiring harness
A69	Connection (blower control, digital air conditioner), in dash panel wiring harness
A79	Connection (hot light switch), in dash panel wiring harness

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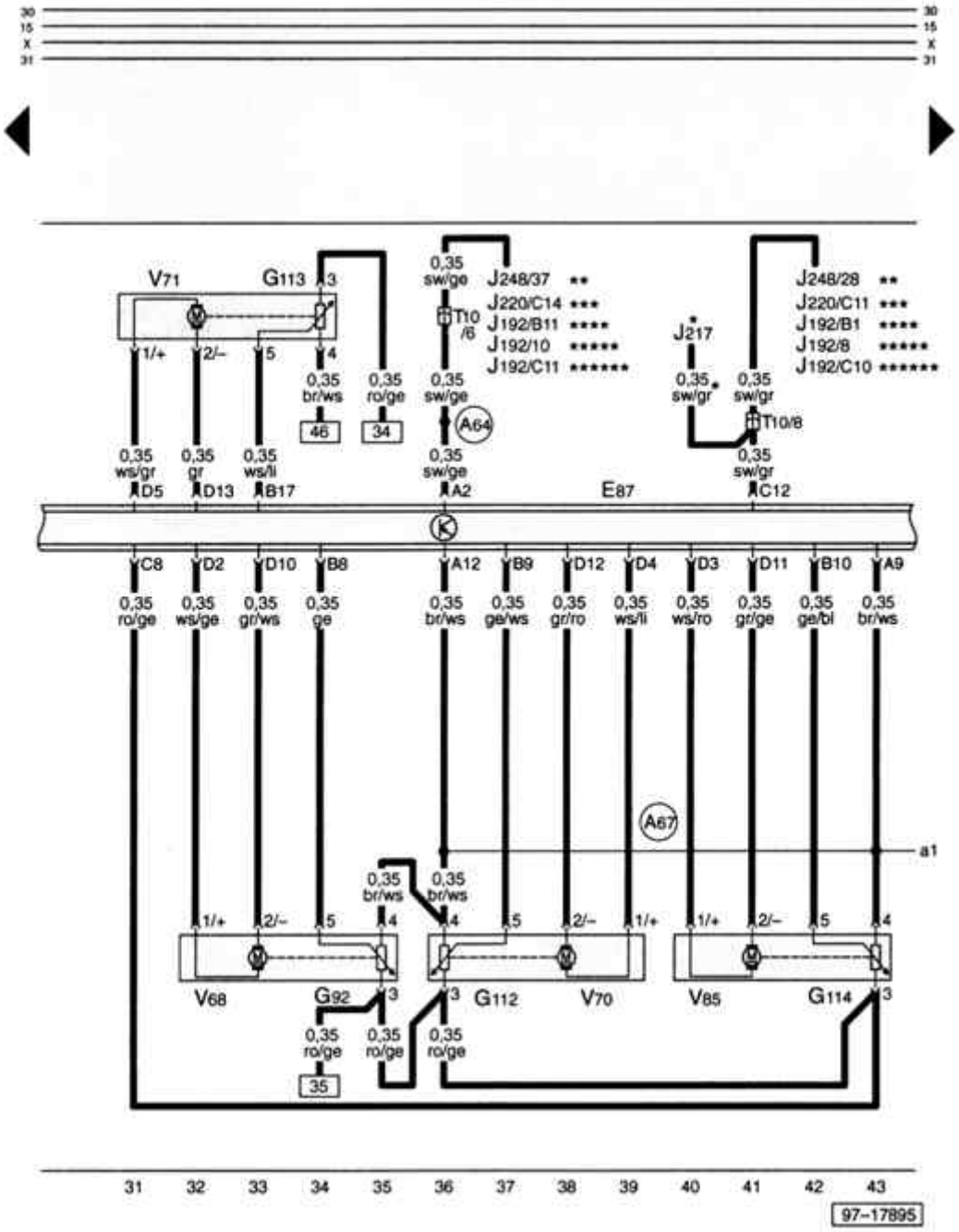
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rs = pink

Air conditioner with automatic control

E1	Lighting switch
E87	Control and display unit for air conditioner/Climatronic
F23	High pressure switch for air conditioner
F118	High pressure switch for magnetic coupling
J5	Fog light relay
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
S3	Fuse in fuse box/relay plate
S15	Fuse in fuse box/relay plate
T4c	4-pin connector, red, in engine compartment, front left
T10b	10-pin connector, orange, left connector point, A pillar
T10p	10-pin connector, blue, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
T14	14-pin connector, black, at steering column switch
127	Earth connection -1-, in air conditioner compressor wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only applies to automatic gearbox (1.9 litre diesel engines)
**	Only applies to 4-cylinder engines
***	Only applies to 6-cylinder engines
****	Only applies to 5-speed automatic gearbox
*****	Only applies to ABS with EDL and ASR/TCS

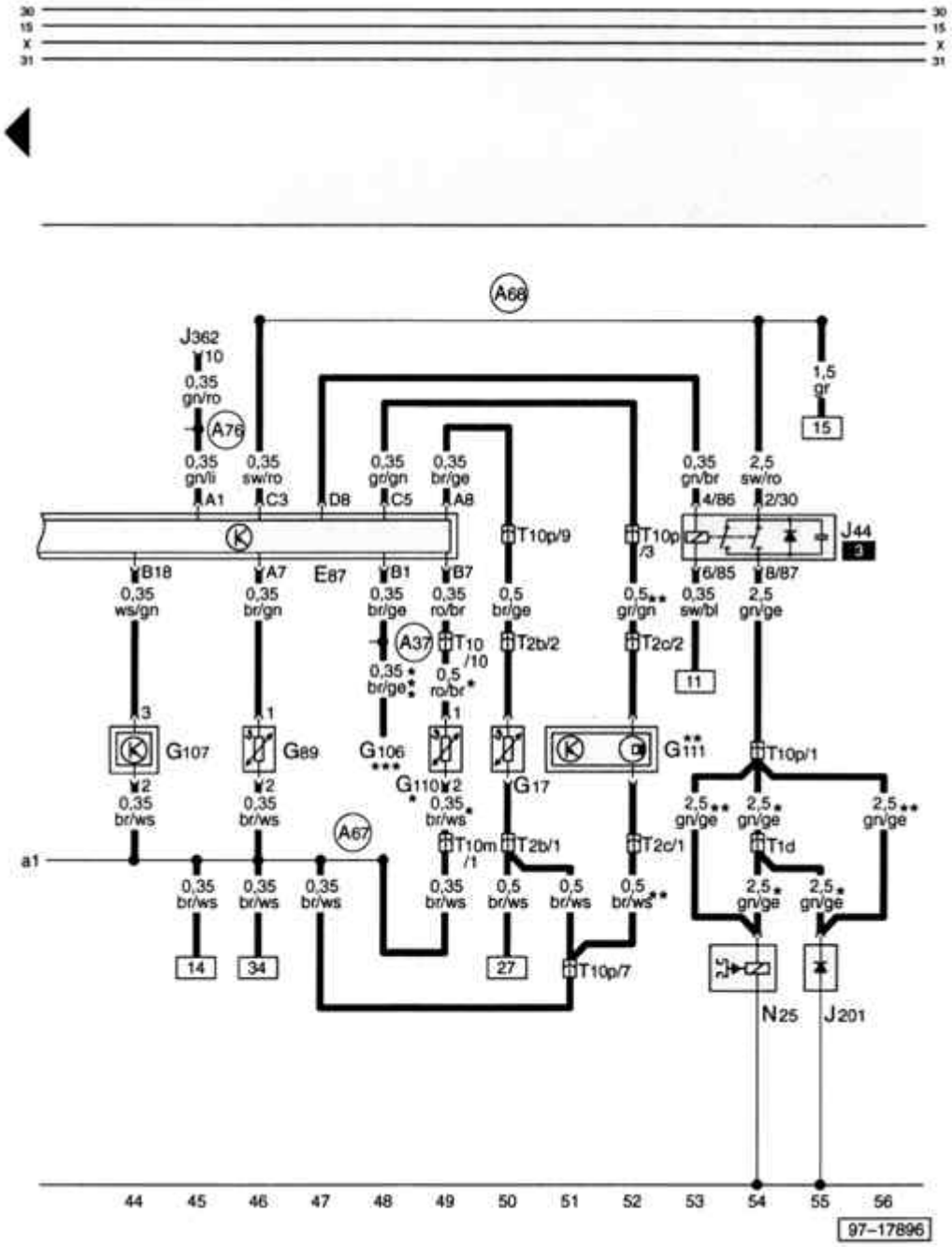


Air conditioner with automatic control

E87	Control and display unit for air conditioner/Climatronic
G92	Temperature flap control motor potentiometer
G112	Central flap control motor potentiometer
G113	Air flow flap control motor potentiometer
G114	Footwell/defroster flap control motor potentiometer
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
J248	Diesel direct injection system control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
V68	Temperature flap control motor
V70	Central flap control motor
V71	Air flow flap control motor
V85	Footwell/defroster flap control motor
A64	Connection (30, speed boost), in dash panel wiring harness
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness
*	Only applies to automatic gearbox
**	Only applies to 4-cylinder diesel engines
***	Only applies to 4-cylinder fuel injection engines
****	Only applies to 2.6 litre MPFI, 110 kW, 6-cylinder
*****	Only applies to 2.8 litre MPI, 142 kW, 6-cylinder
******	Only applies to 2.8 litre MPI, 128 kW, 6-cylinder

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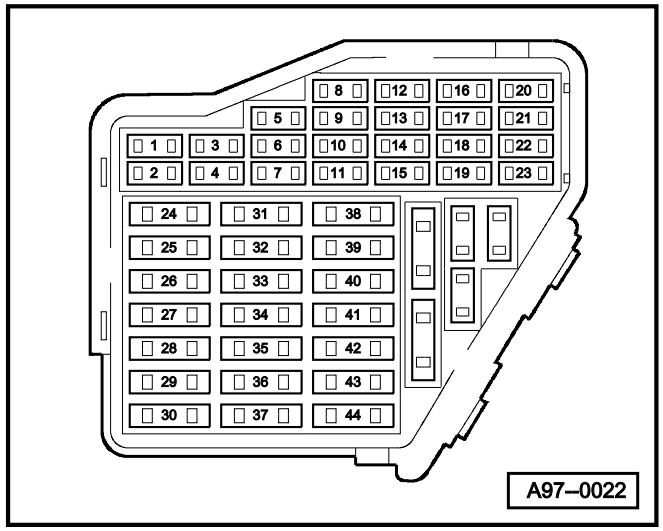
Air conditioner with automatic control

E87	Control and display unit for air conditioner/Climatronic
G17	Ambient temperature sensor
G89	Fresh air intake duct temperature sensor
G106	Ambient temperature indicator
G107	Sunlight penetration photo sensor
G110	Air conditioner system coolant temperature sender
G111	Air conditioner compressor speed sender
J44	Magnetic coupling relay
J201	Protective diode
J362	Immobilizer control unit
N25	Air conditioning system magnetic coupling
T1d	Single connector, green, near compressor
T2b	2-pin connector, black, in engine compartment, front
T2c	2-pin connector, green, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
A37	Connection (58a), in dash panel wiring harness
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness
A68	Connection (voltage supply, digital air conditioner), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only applies to 4-cylinder engines
**	Only applies to 6-cylinder engines
***	Only applies to ambient temperature indicator

Airbags for driver's seat and front passenger's seat with belt tensioners

From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

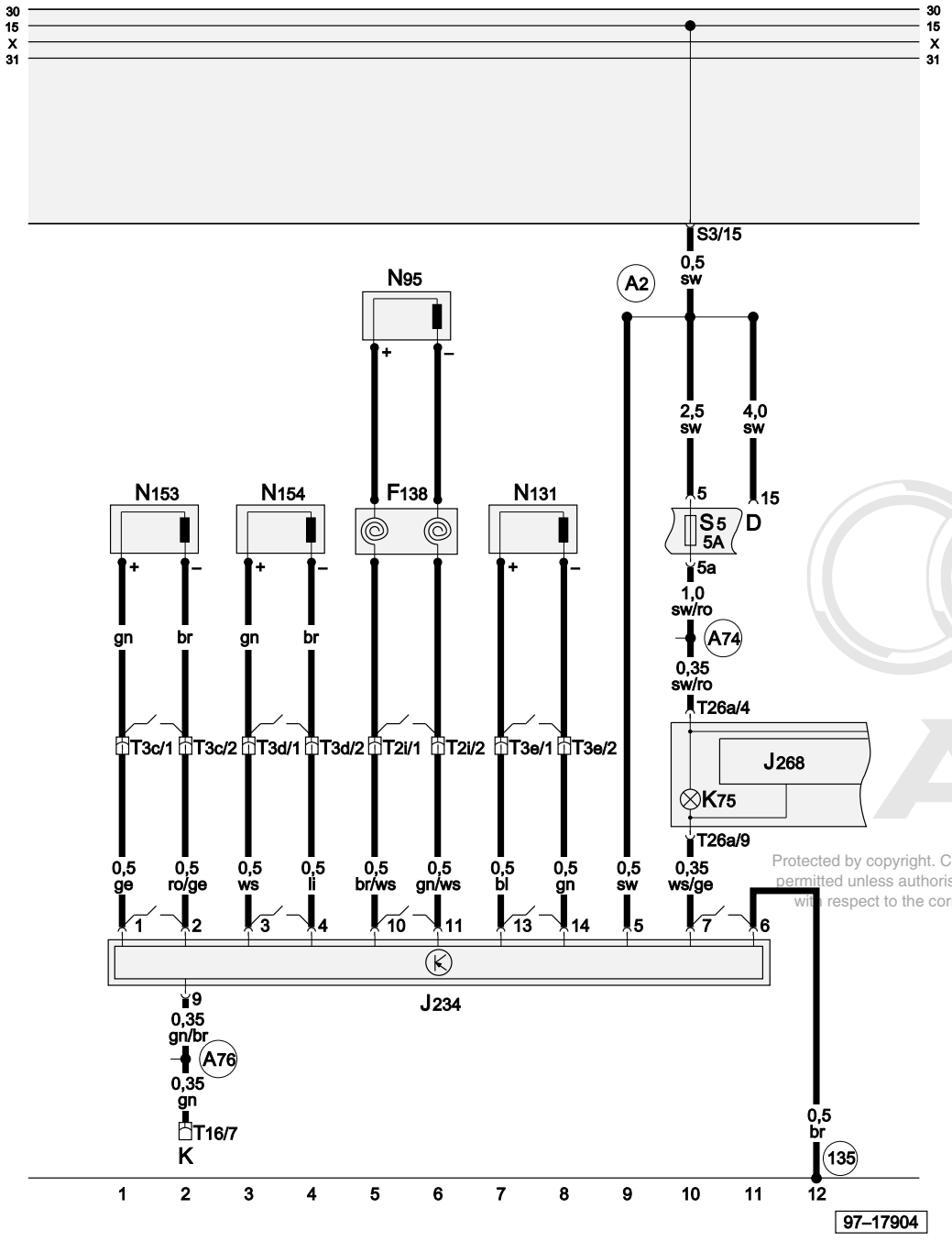
Notes:

- *T1 - 1-pin connector, as of model year 1996 no longer fitted*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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Airbags for driver's seat and front passenger's seat with belt tensioners

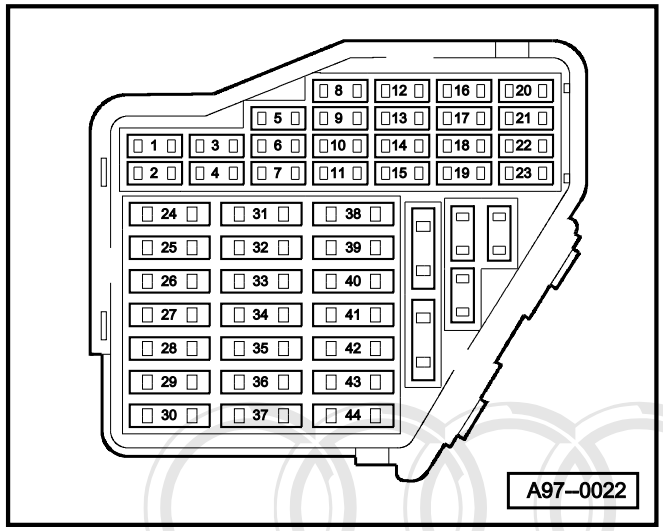
D	Ignition/starter switch
F138	Airbag coil connector
J234	Airbag control unit
J268	Mini-check system control unit
K75	Airbag warning lamp
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
N153	Belt tensioner igniter -1-, driver's side
N154	Belt tensioner igniter -2-, front passenger's side
T2i	2-pin connector, red, behind dash panel, left
T3c	3-pin connector, left connector point, A pillar
T3d	3-pin connector, right connector point, A pillar
T3e	3-pin connector, behind dash panel, centre
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with passenger's airbags
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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Trailer coupling

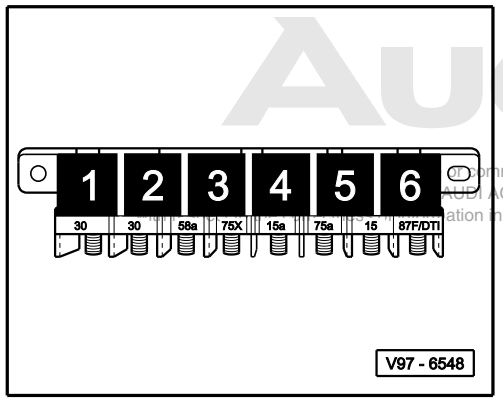
From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

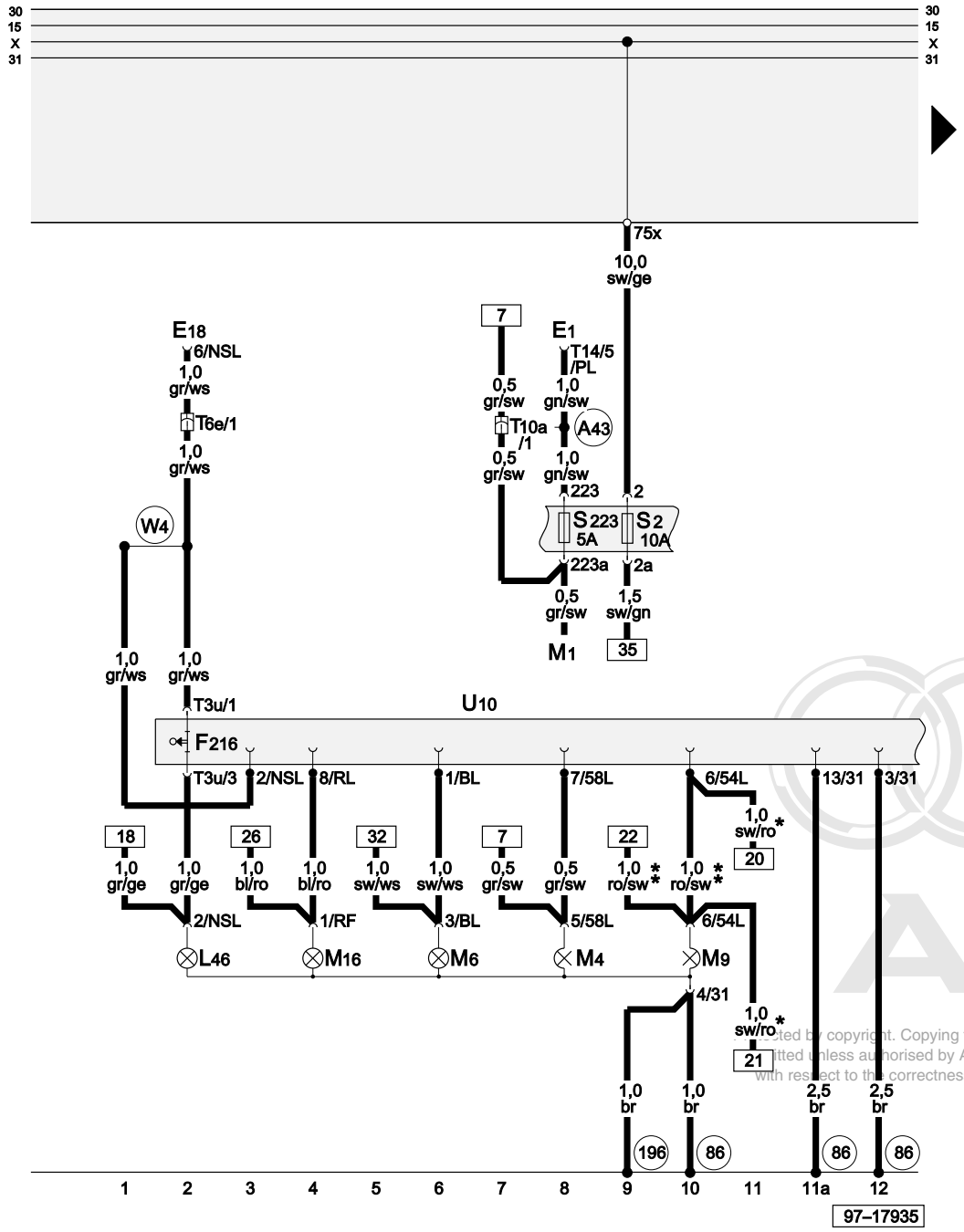
4 - Automatic gearbox relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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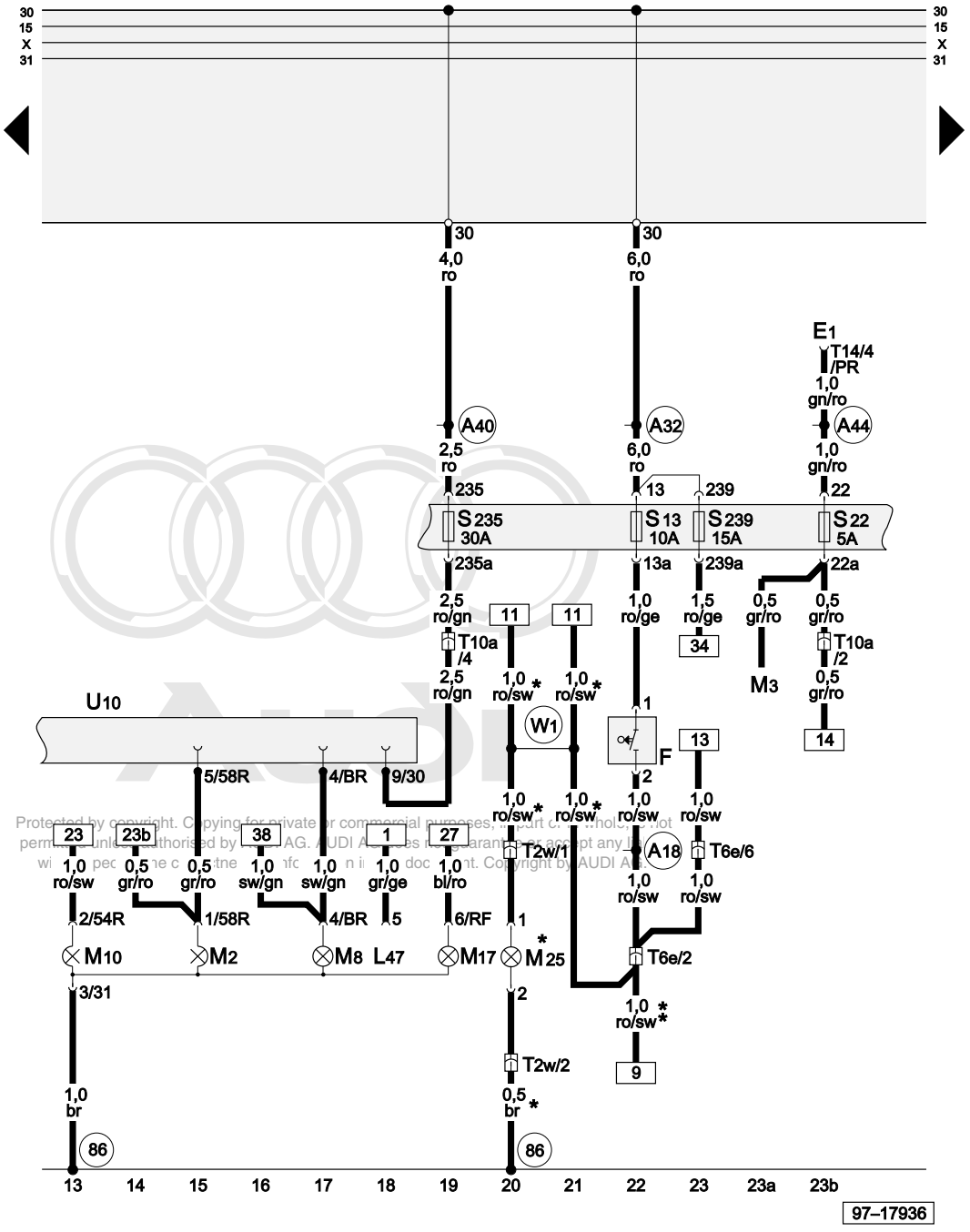


Trailer coupling

E18	Rear fog light switch
E19	Parking light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M1	Side light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A43	Connection (57L), in dash panel wiring harness
W4	Connection (rear fog lights), in rear wiring harness
*	Applicable from 3/96
**	Applicable up to 3/96

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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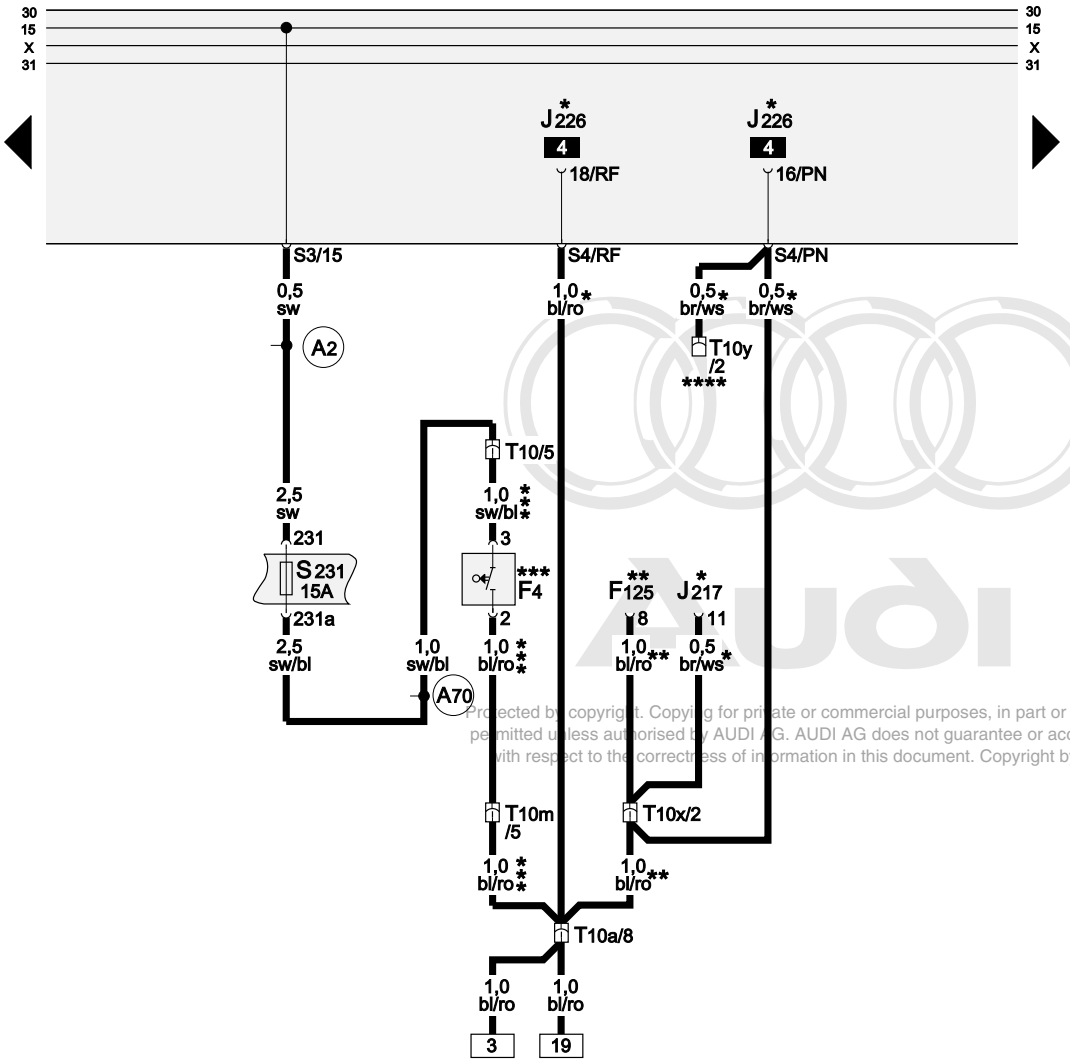
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling

E19	Parking light switch
F	Brake light switch
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M3	Side light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
M25	High level brake light bulb
T2w	2-pin connector, black, under rear shelf
T6e	6-pin connector, blue, left connector point, A pillar
T10a	6-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
W1	Positive (+) connection (54), in rear wiring harness

* Applicable from 3/96
** Applicable up to 3/96

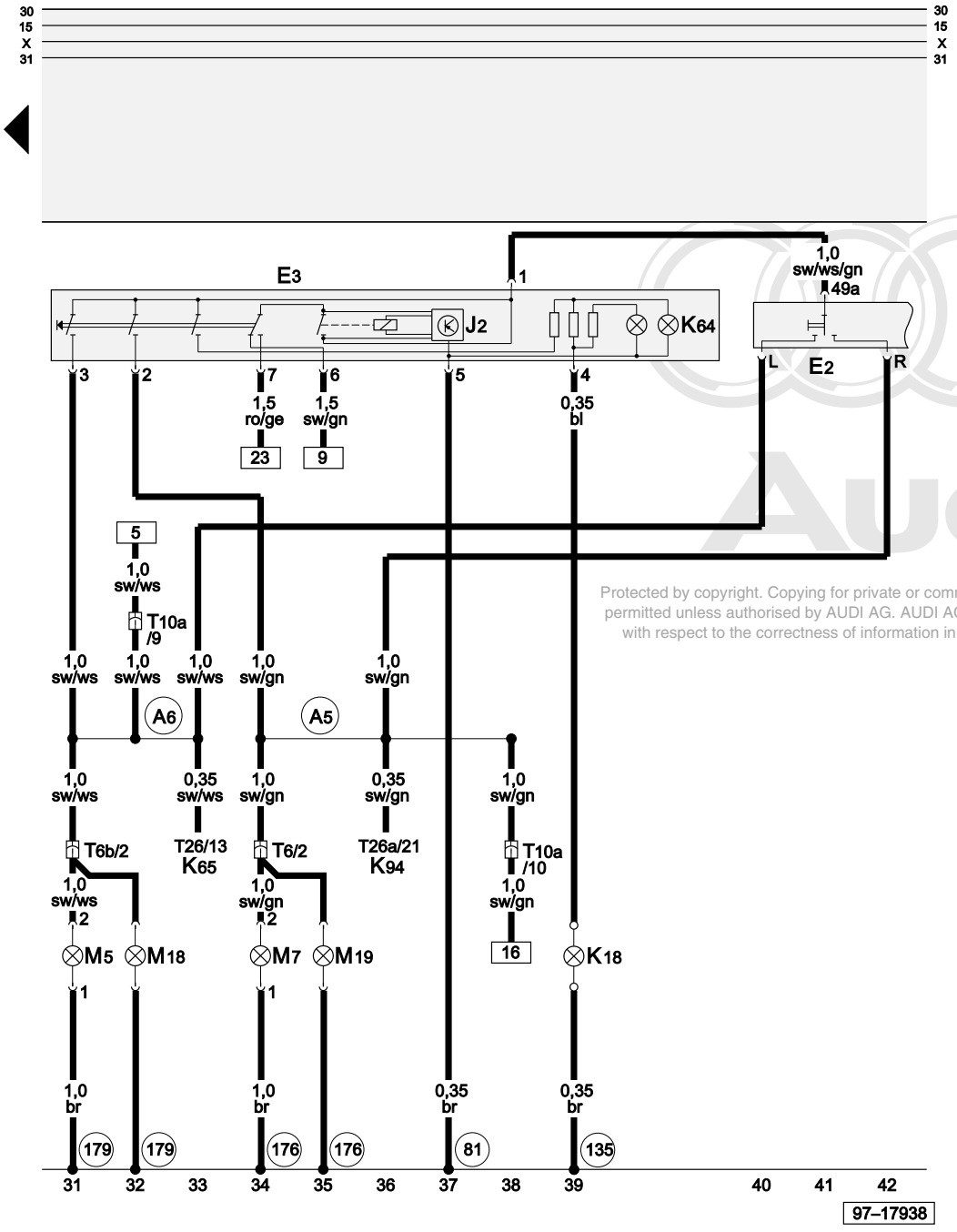


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ge = yellow
or = orange
rs = pink

Trailer coupling

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox
****	See applicable engine version



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Trailer coupling

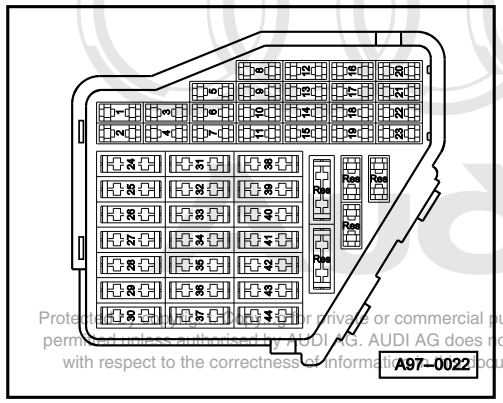
E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
rs	=	pink

Trailer coupling with auto-check system

From model year 1996

Fuse box:



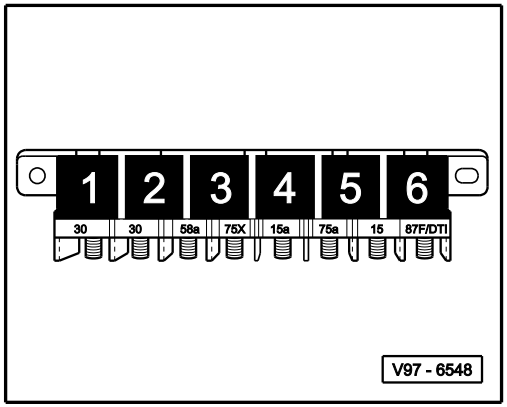
Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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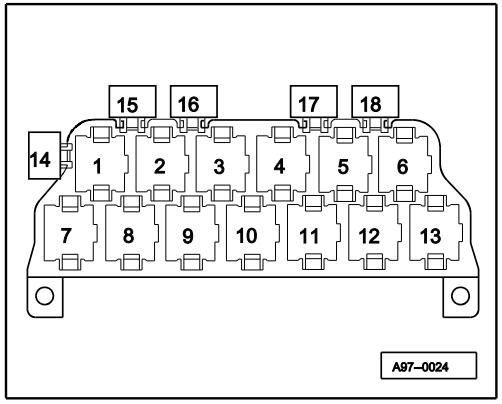
Central electrics - front side:



Position of relays:

4 - Automatic gearbox relay

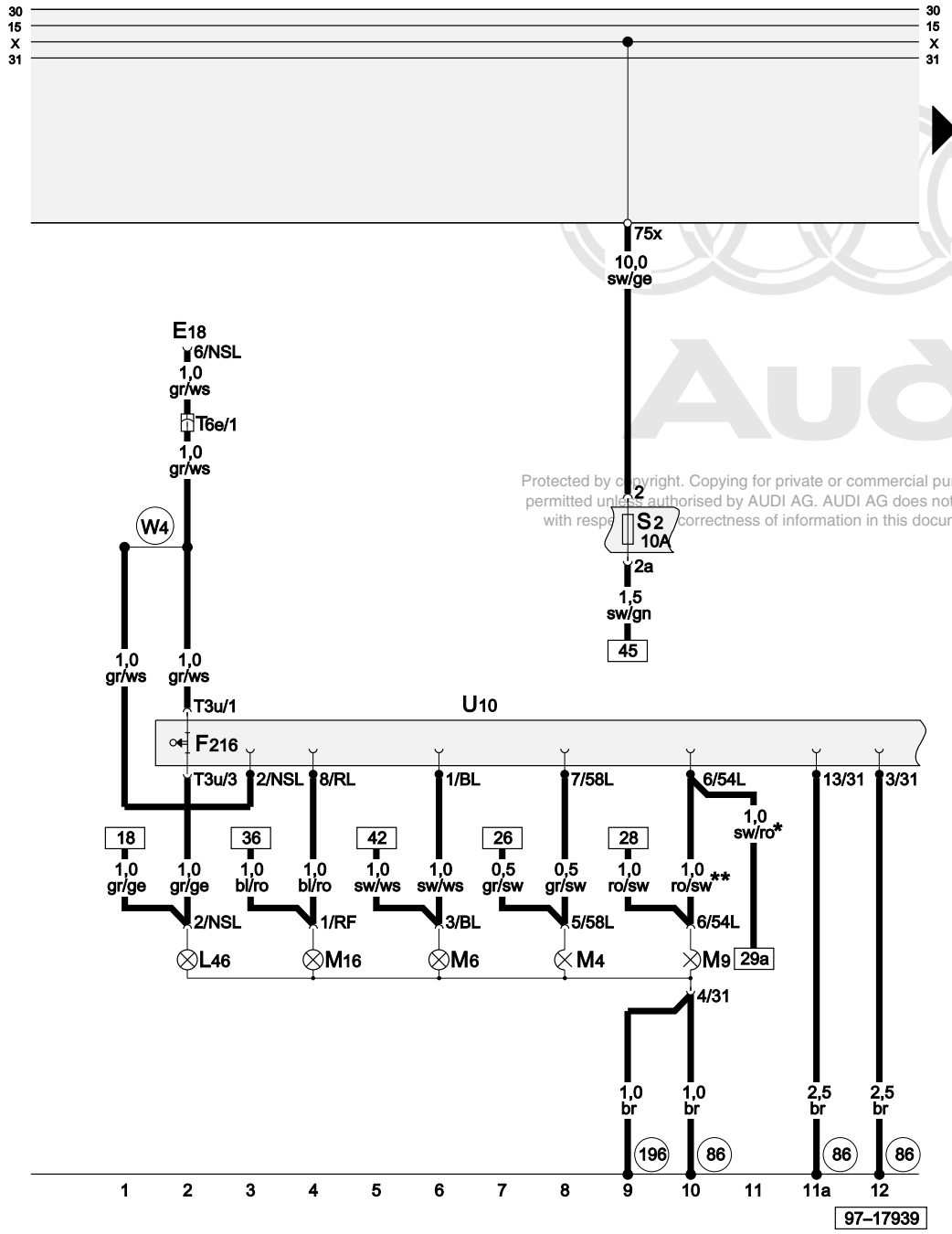
13-point relay carrier:



Position of relays:

4 – Bulb monitoring control unit

5 – Bulb monitoring control unit

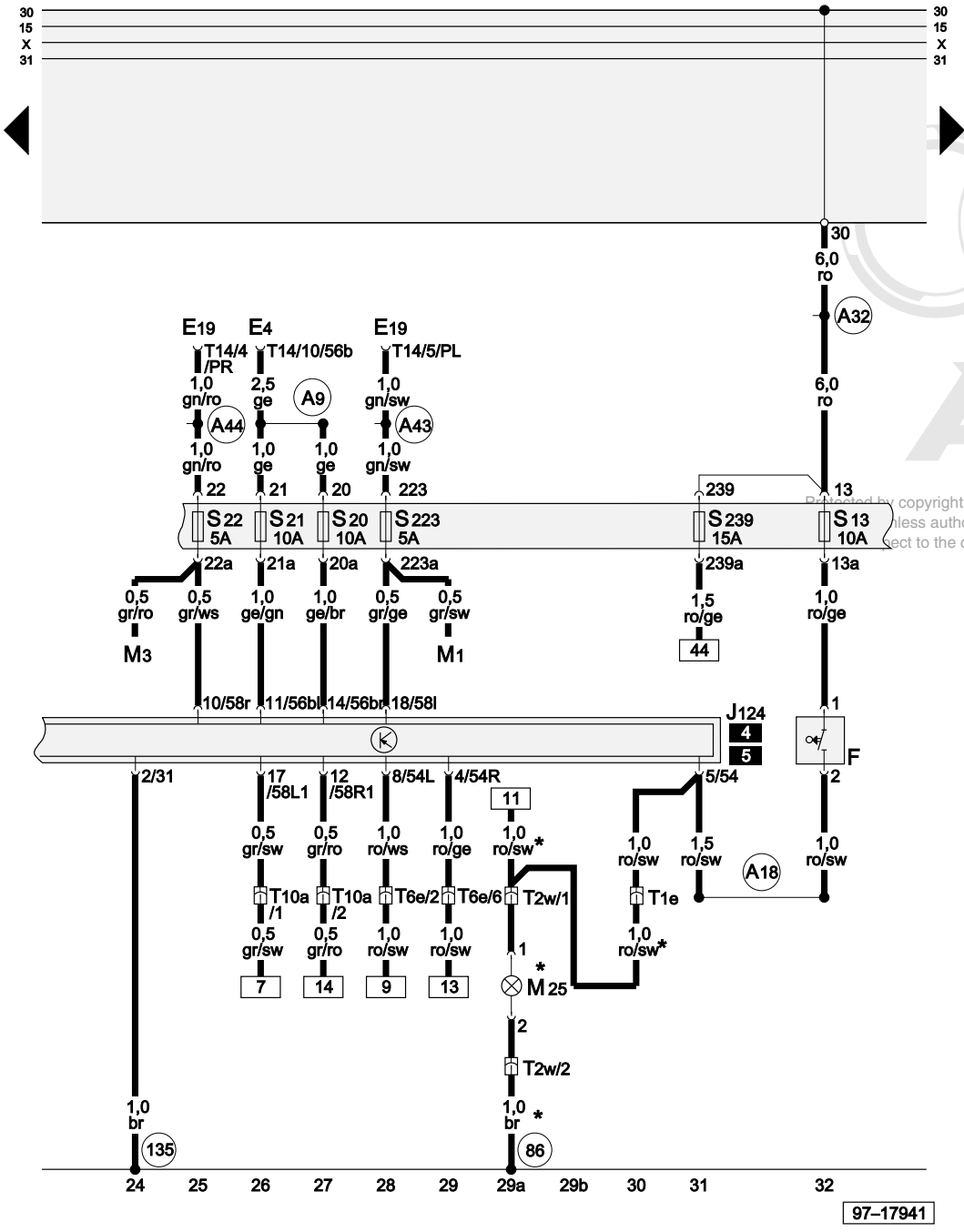


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling with auto-check system

E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A43	Connection (57L), in dash panel wiring harness
W4	Connection (rear fog lights), in rear wiring harness
*	Applicable from 3/96
**	Applicable up to 3/96

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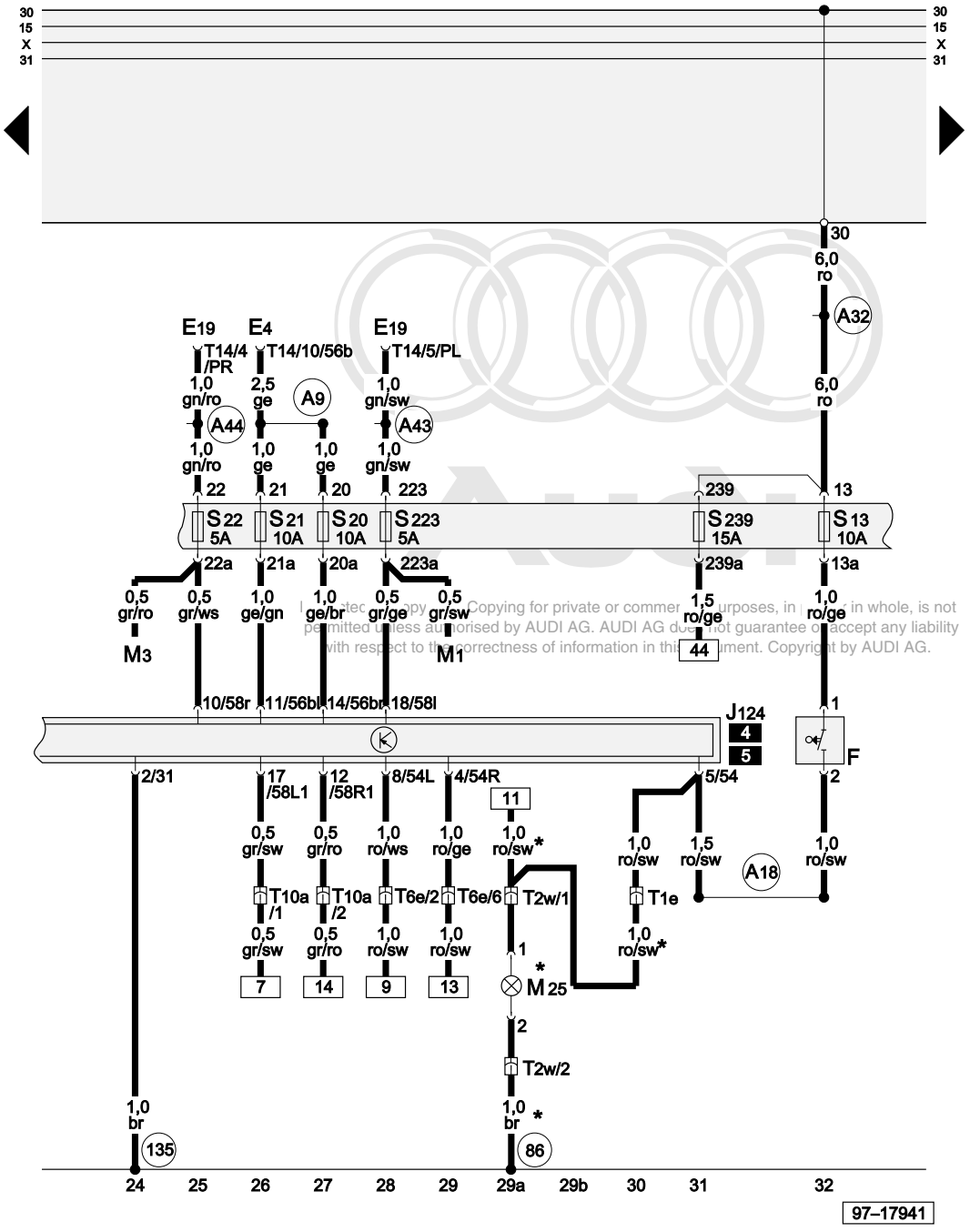


Trailer coupling with auto-check system

J124	Bulb monitoring device
J189	Auto-check system
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, red, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
U10	Trailer socket
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness

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or	=	orange
rs	=	pink

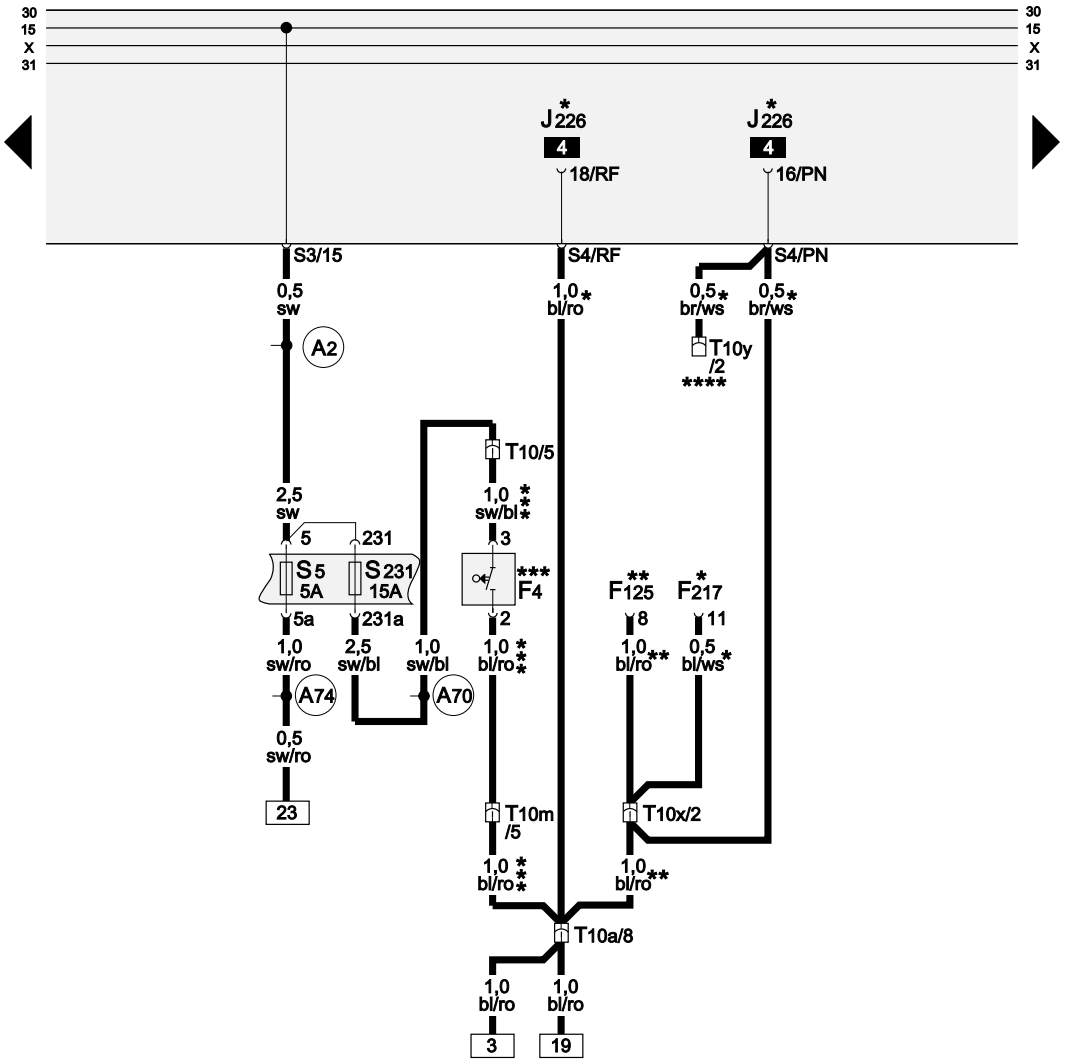


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling with auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
M25	High level brake light bulb
T1e	1-pin connector, black, left connector point, A pillar
T2w	2-pin connector, black, under rear shelf
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
135	Earth connection -2-, in dash panel wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
*	Applicable from 3/96

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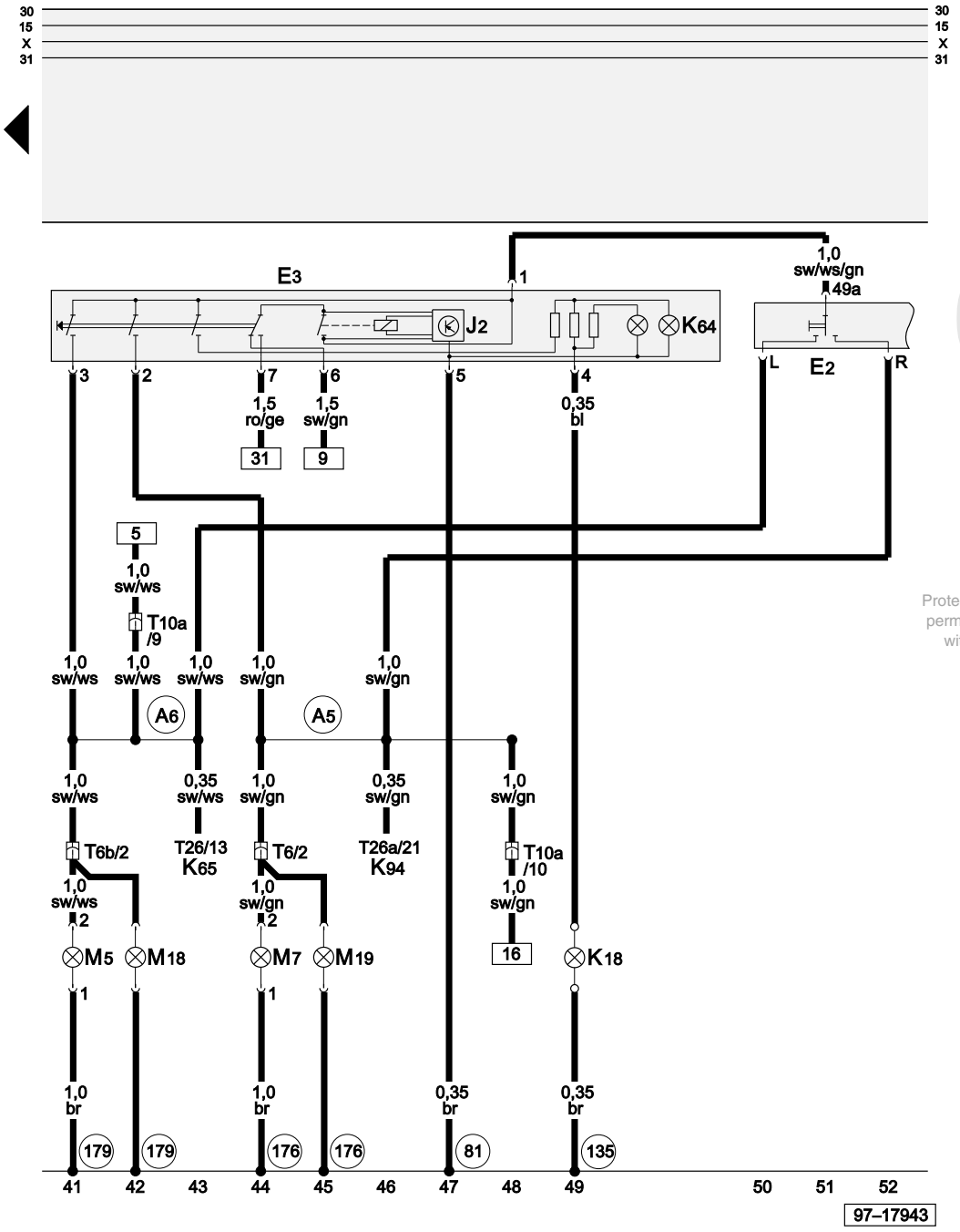


Trailer coupling with auto-check system

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox
****	See applicable engine version

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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Trailer coupling with auto-check system

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

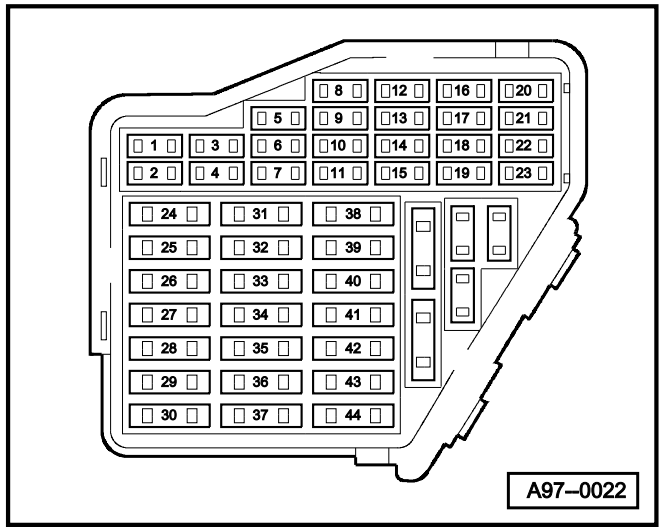
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ge	=	yellow
or	=	orange
rs	=	pink

Anti-lock brake system with four-wheel drive

From model year 1996

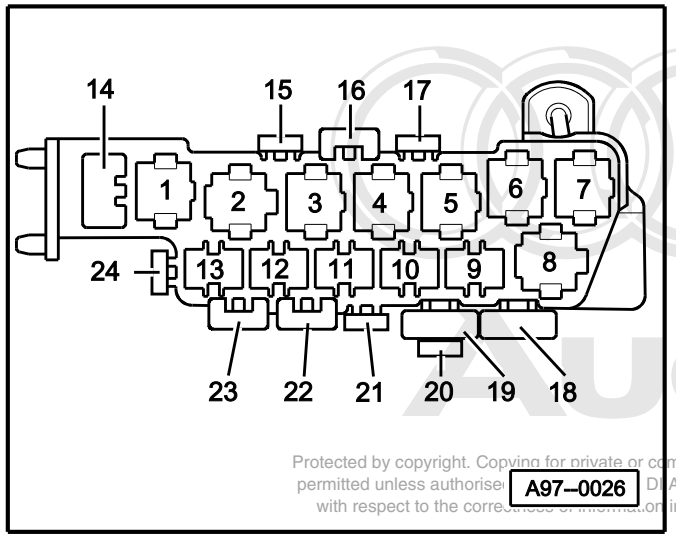
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



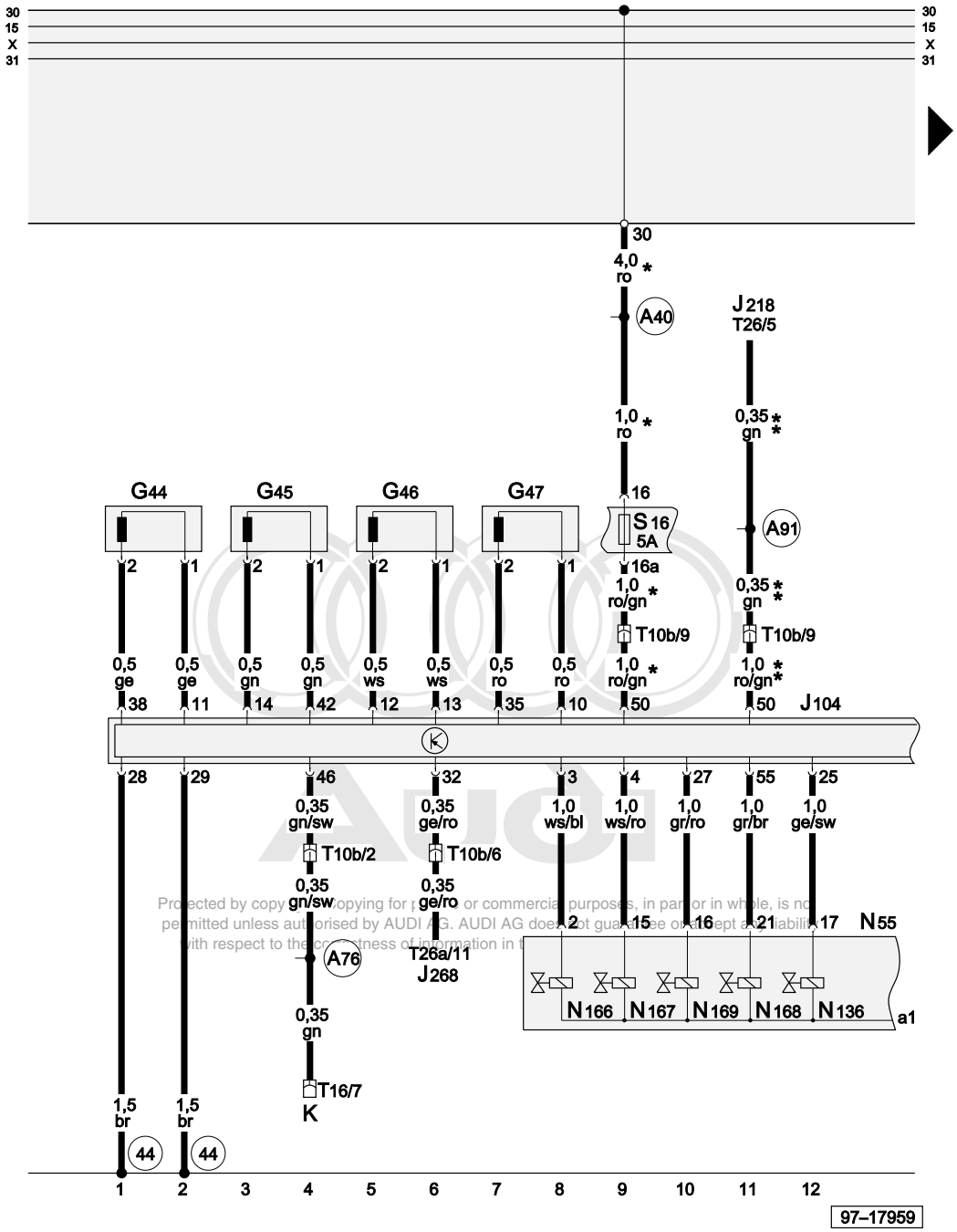
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Position of relays:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

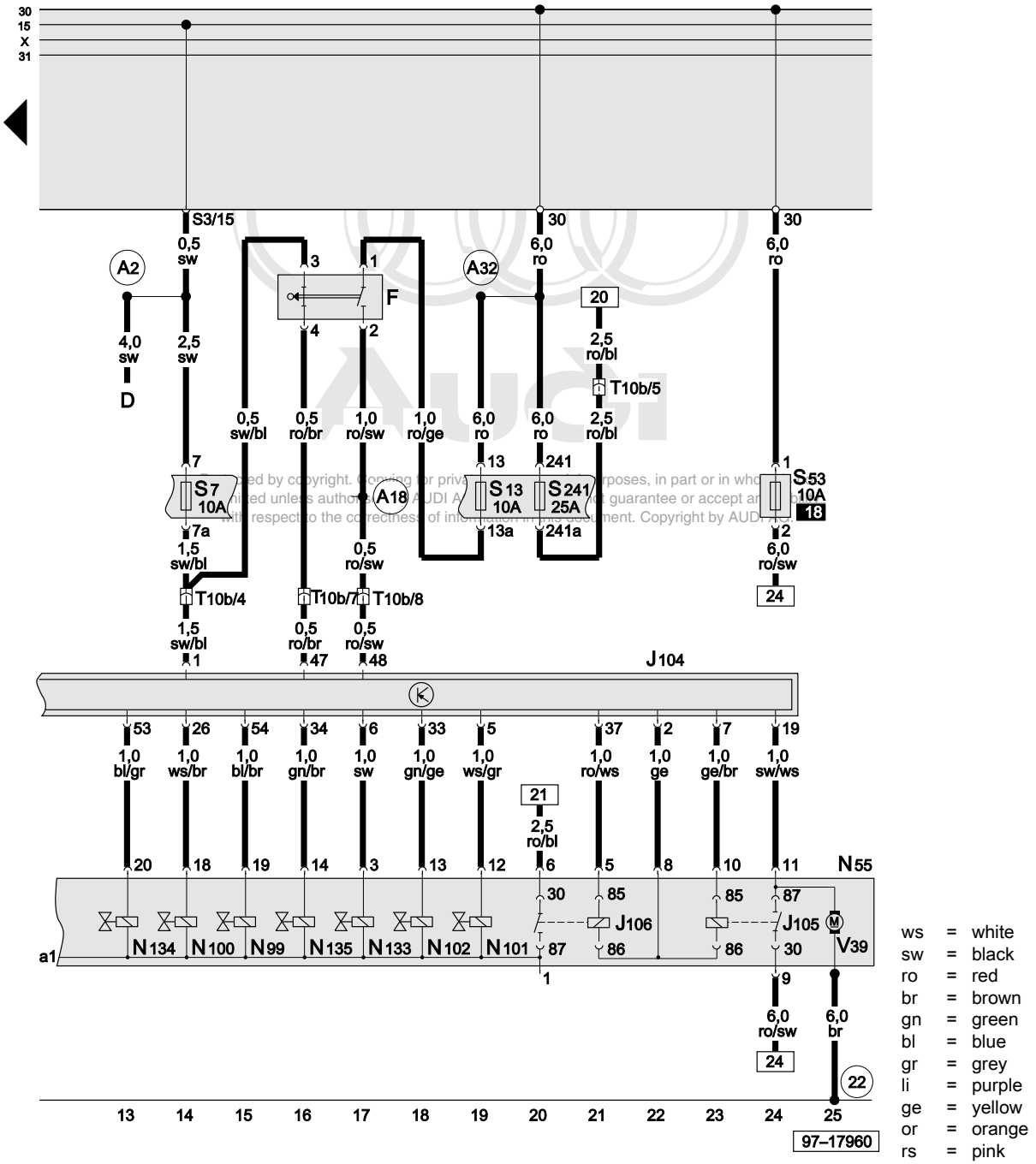


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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with four-wheel drive

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
N55	ABS hydraulic unit
N136	ABS outlet valve, rear left
N166	EDL change-over valve, front right
N167	EDL outlet valve, front right
N168	EDL change-over valve, front left
N169	EDL outlet valve, front left
T10b	10-pin connector, orange, left connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
44	Earth point, lower part of left A-pillar
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A91	Connection (signal for dash panel insert), in dash panel wiring harness
*	Applicable up 1996 model year
**	Applicable from model year 1997



ws = white
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with four-wheel drive

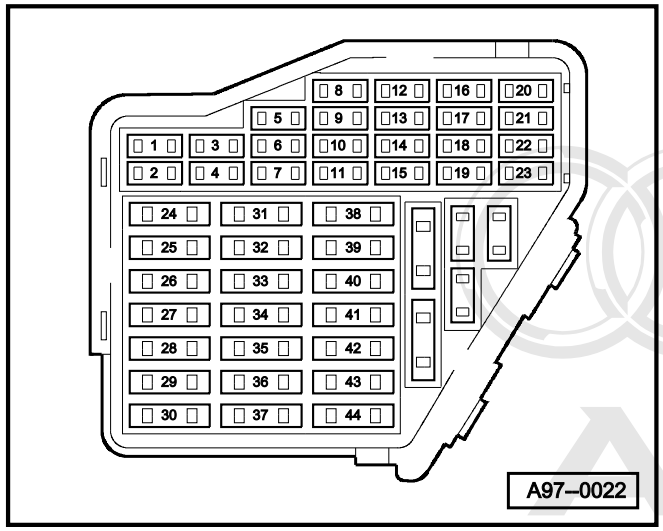
D	Ignition/starter switch
F	Brake light switch
J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
S53	ABS hydraulic pump fuse
T10b	10-pin connector, orange, left connector point, A pillar
V39	ABS return flow pump
22	Earth point, on hydraulic unit
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness

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Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

From model year 1996

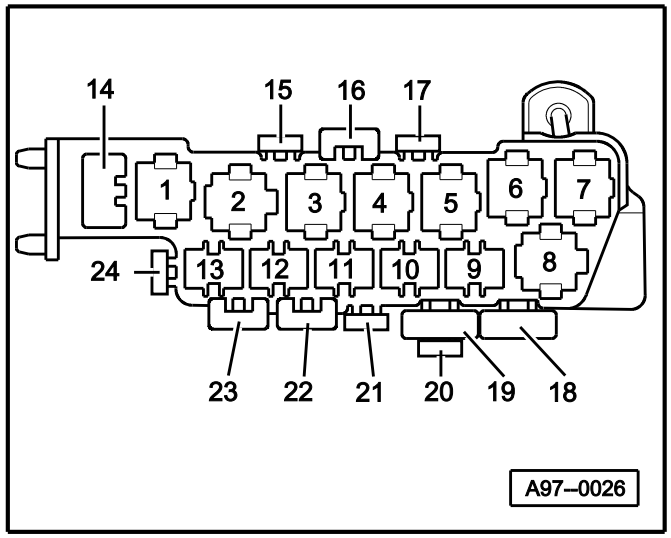
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



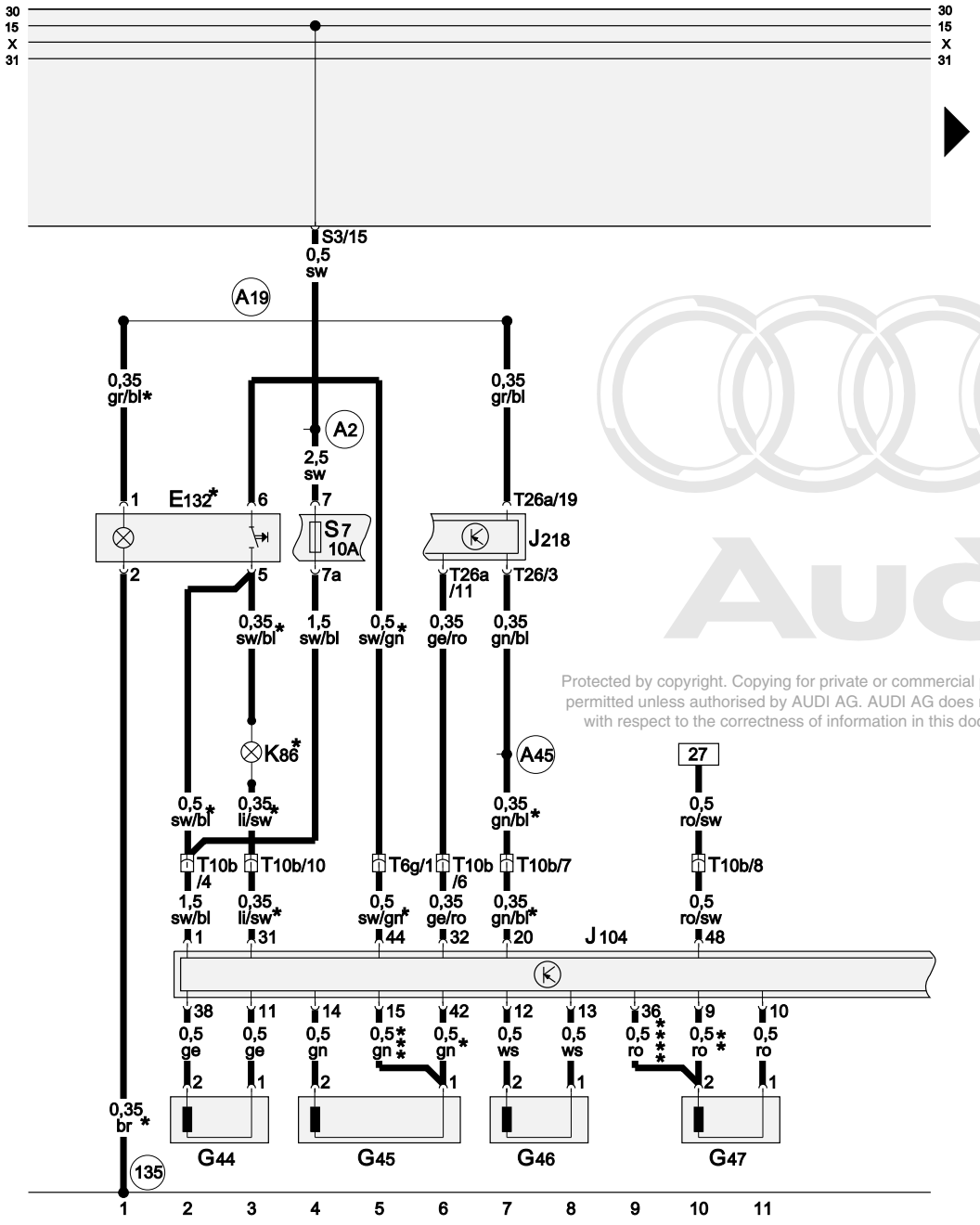
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Position of relays:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

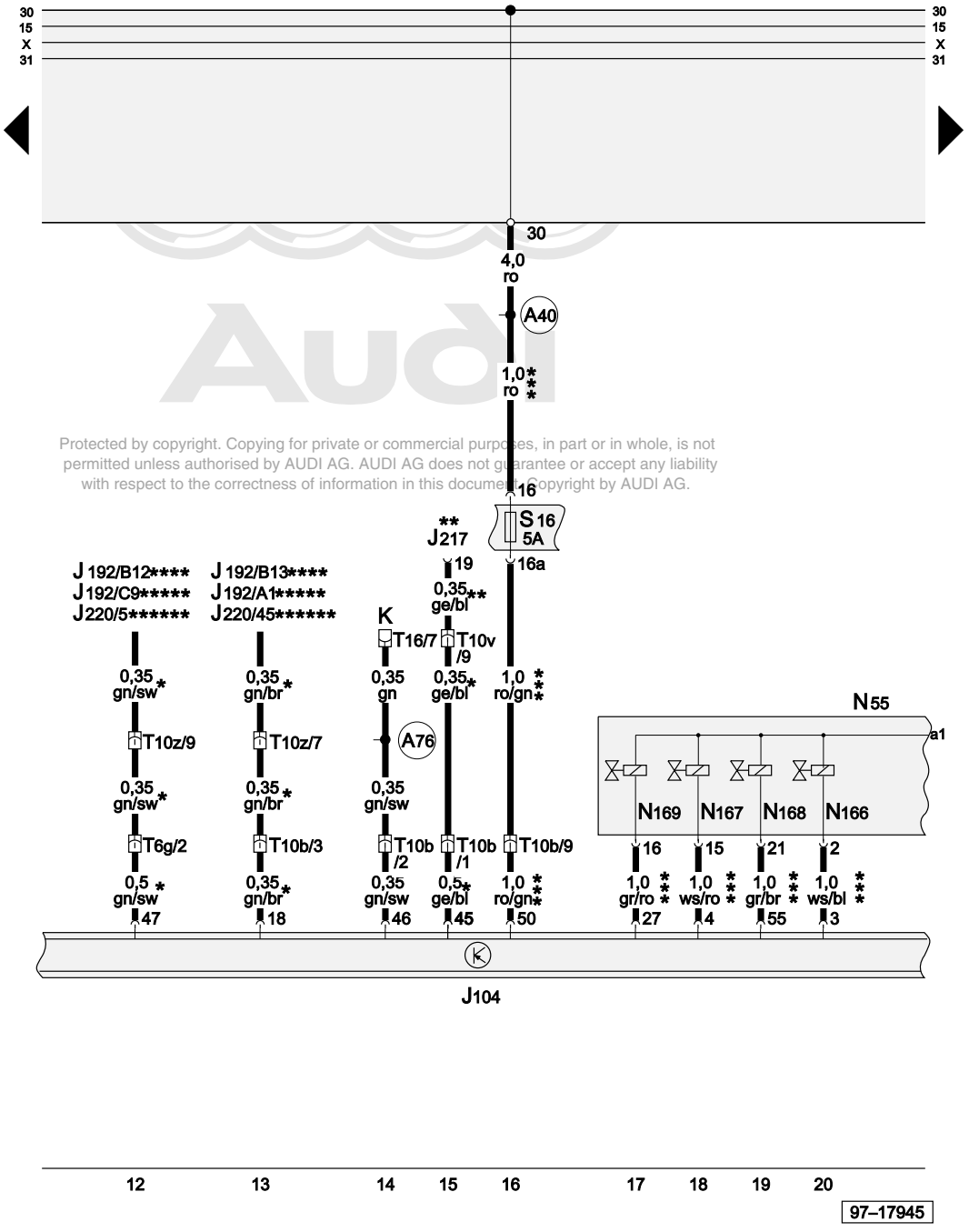


ws = white
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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

E132	Traction control system switch
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
K86	Traction control system warning lamp
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with ABS, EDL and ASR/TCS
**	Only models with ABS with EDL or ABS with EDL and TCS
***	Only with ABS or ABS and EDL
****	Only with ABS

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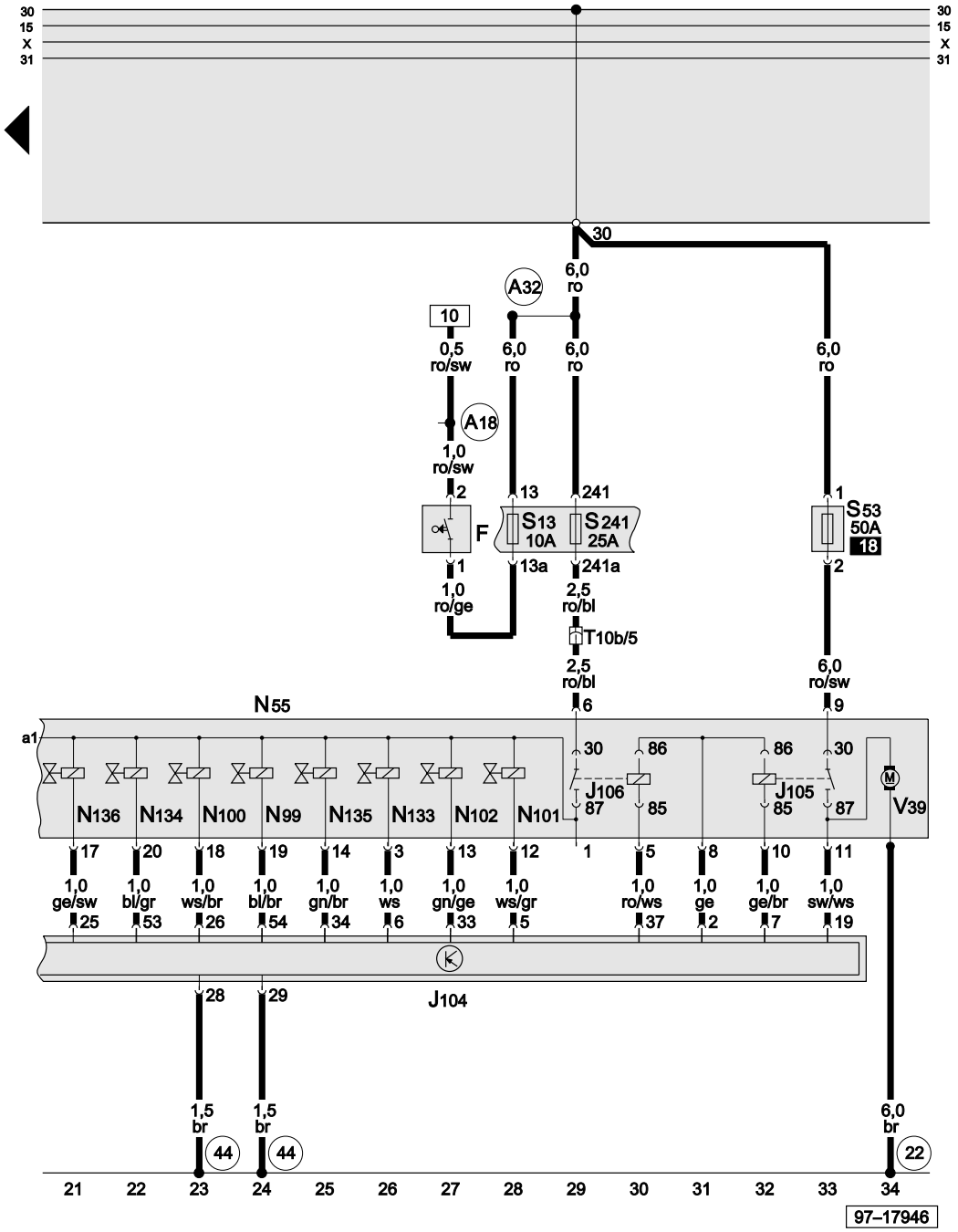


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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

J104	ABS with EDL control unit
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
N55	ABS hydraulic unit
N166	EDL change-over valve, front right
N167	EDL outlet valve, front right
N168	EDL change-over valve, front left
N169	EDL outlet valve, front left
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
A40	Positive (+) connection (50), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with ABS, EDL and ASR/TCS
**	Only models with five speed automatic gearbox
***	Only models with ABS with EDL or ABS with EDL and TCS
****	Only with 2.6 l MPFI 110 kW, 6 cylinder
*****	Only with 2.8 l MPI 128 kW, 6 cylinder
******	Only with 2.8 l Motronic 142 kW, 6cylinder



Anti-lock brake system with front-wheel drive (ABS, EDL and TCS)

F	Brake light switch
J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
S53	ABS hydraulic pump fuse
T10b	10-pin connector, orange, left connector point, A pillar
V39	ABS return flow pump
22	Earth point, on hydraulic unit
44	Earth point, lower part of left A-pillar
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness

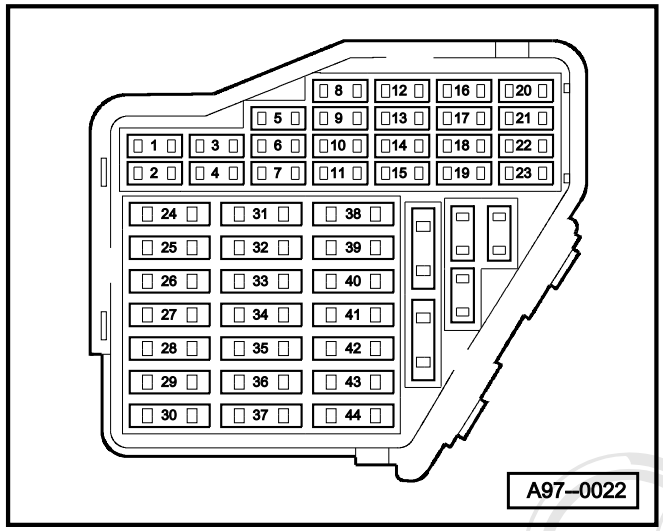
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li	=	purple
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Ambient temperature and selector lever position indicator

From model year 1996

Fuse box:

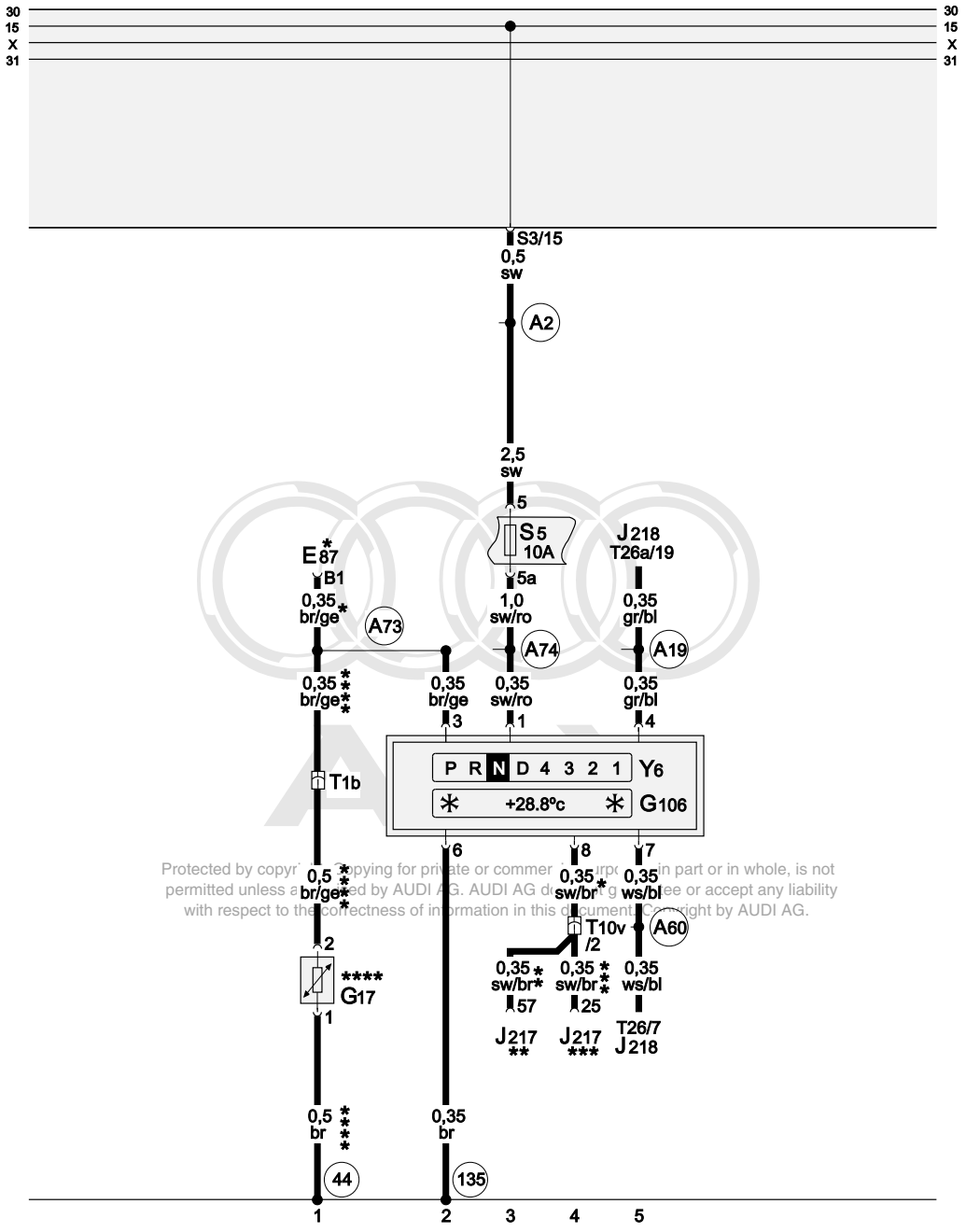


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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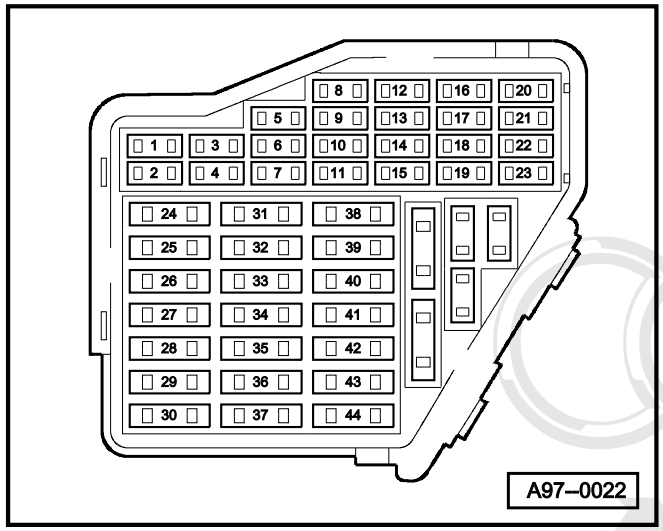
Ambient temperature and selector lever position indicator

E87	Control and display unit for air conditioner
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
T1b	1-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y6	Selector lever position indicator
44	Earth point, lower part of left A-pillar
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
*	Only models with automatic air conditioner
**	Only models with four-speed automatic gearbox
***	Only models with five-speed automatic gearbox
****	Does not apply to models with automatic air conditioner

Five-speed automatic gearbox with selector lever lock (01V)

From model year 1996

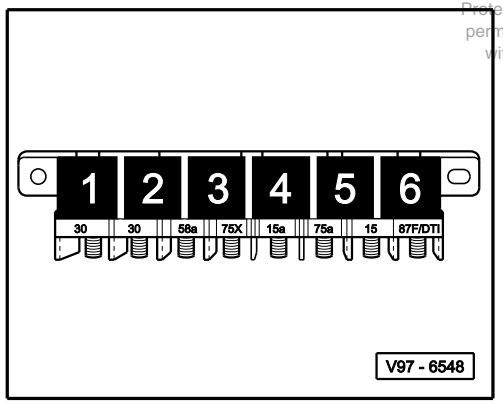
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:

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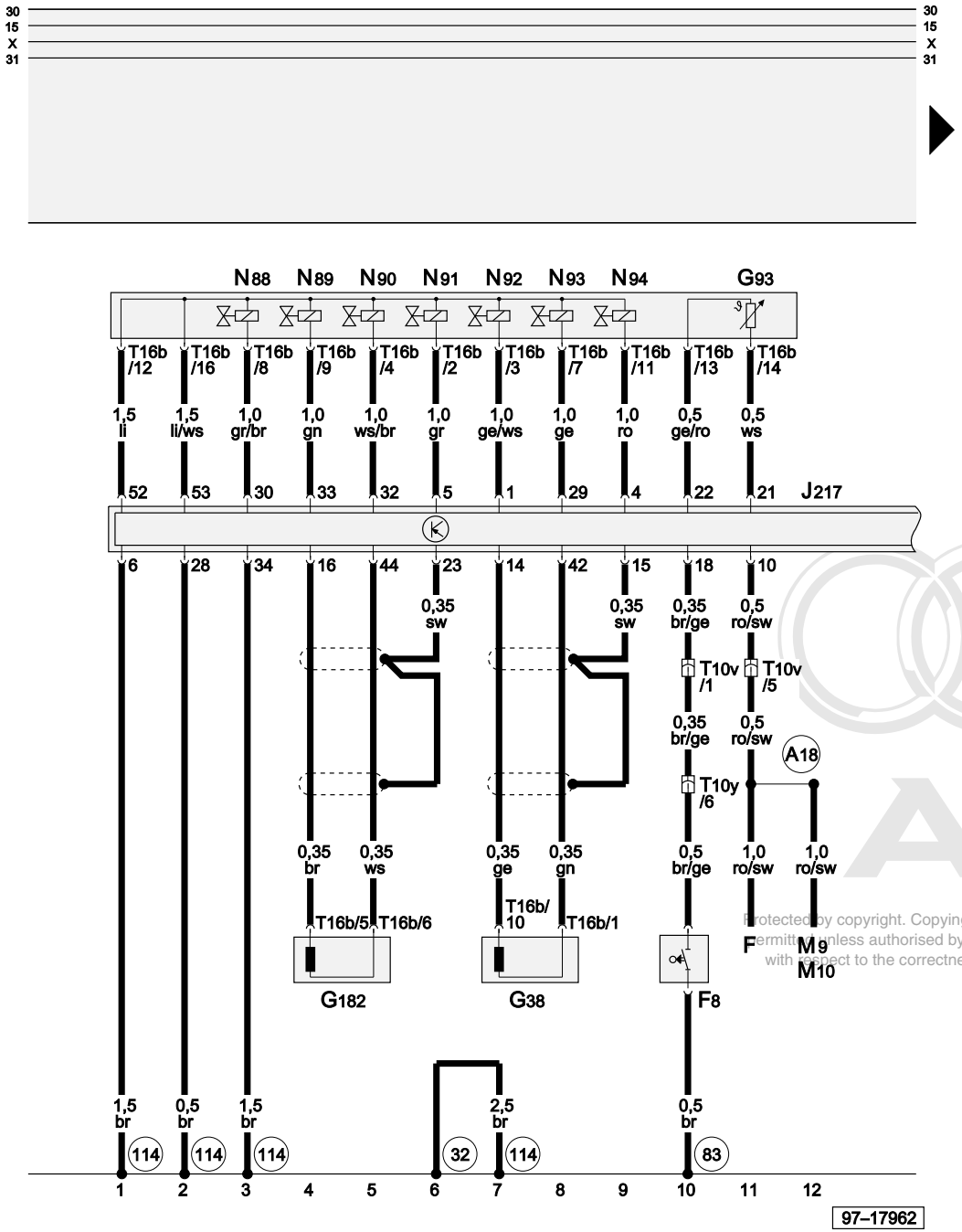
Position of relays:

4 - Automatic gearbox relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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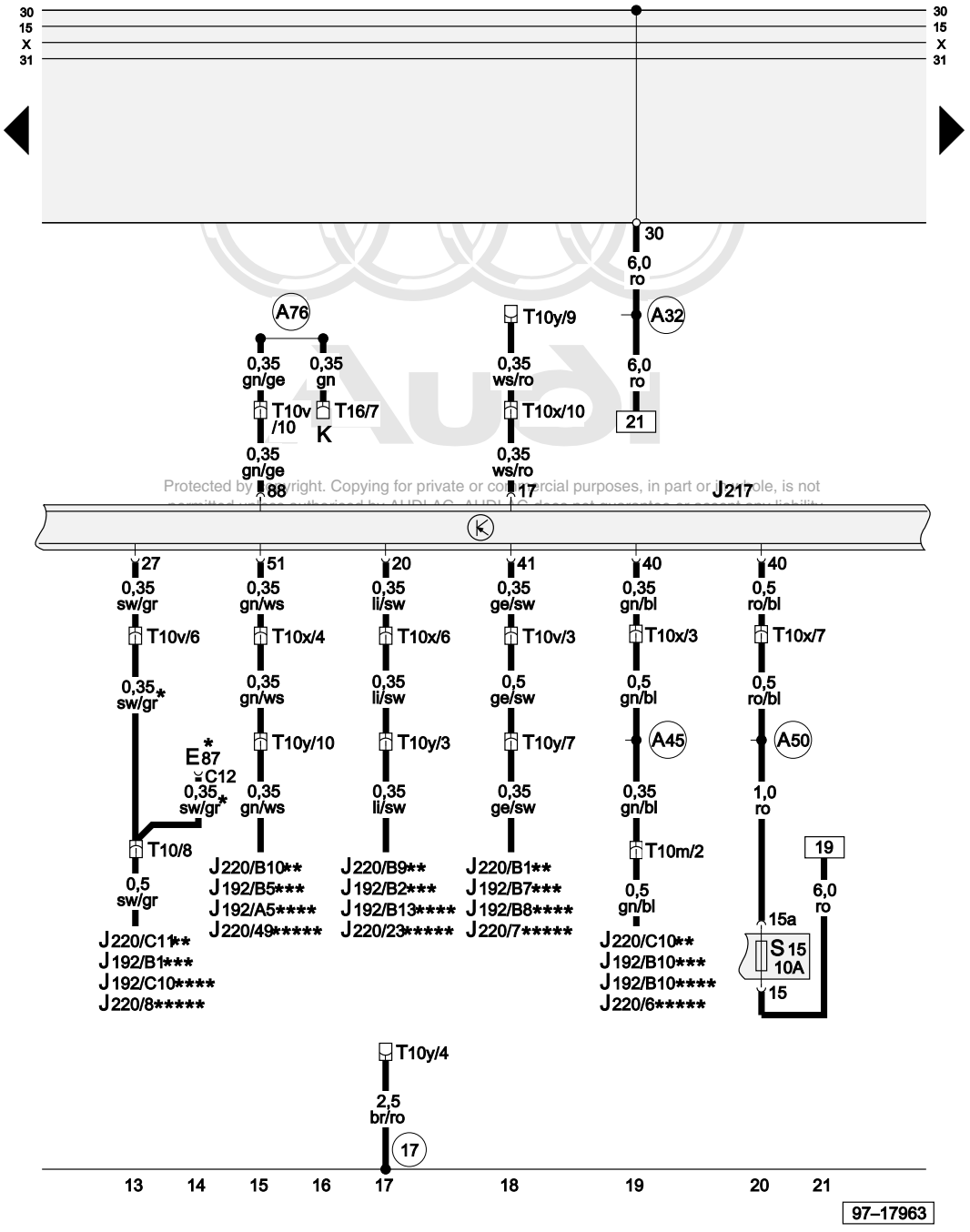


Five-speed automatic gearbox with selector lever lock (01V)

F	Brake light switch
F8	Kick-down switch
G38	Gearbox speed sender
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
J217	Automatic gearbox control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16b	16-pin connector, on gearbox
32	Earth point, behind dash panel, left
83	Earth connection -1-, in front right wiring harness
114	Earth connection, in automatic gearbox wiring harness
A18	Connection (54), in dash panel wiring harness

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

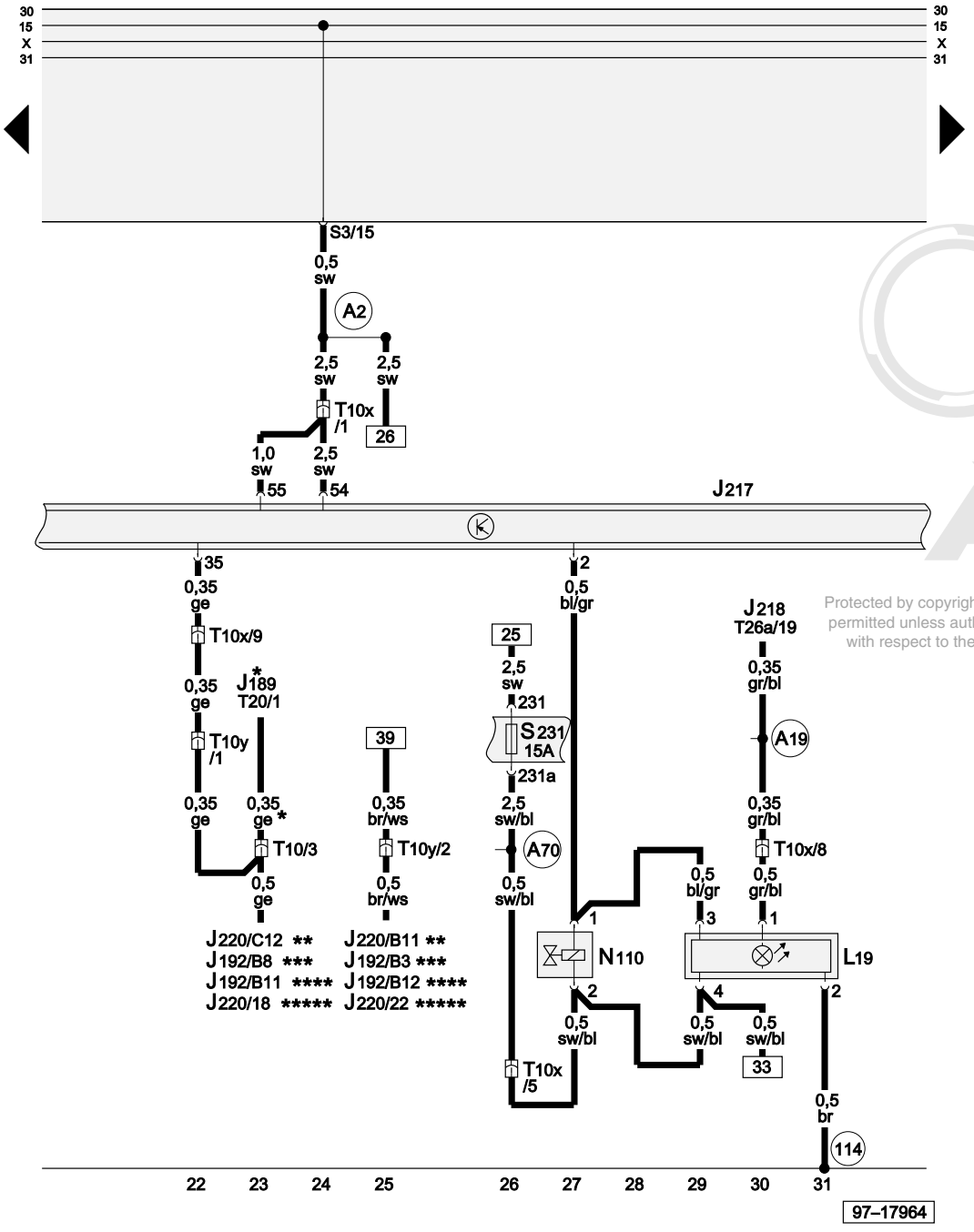


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Five-speed automatic gearbox with selector lever lock (01V)

E87	Control and display unit for air conditioner
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
17	Earth point, on intake manifold
A32	Positive (+) connection (30), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with automatic air conditioner
**	Only models with 1.8 l turbo Motronic 110 kW, 4 cylinder
***	Only models with 2.6 l MPI 110 kW, 6 cylinder
****	Only models with 2.8 l MPI 128 kW, 6 cylinder
*****	Only models with 2.8l Motronic (5V) 142 kW, 6 cylinder

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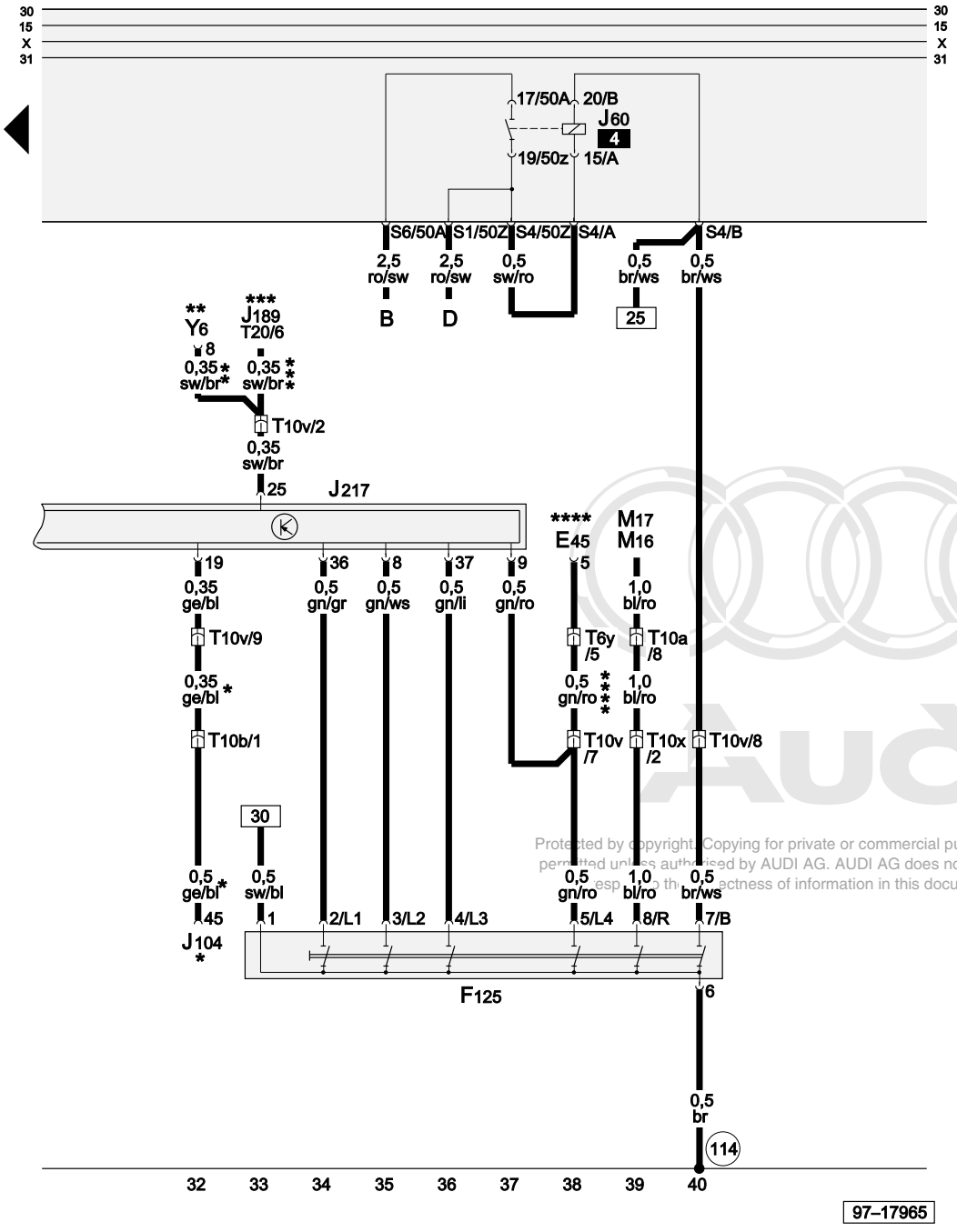


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Five-speed automatic gearbox with selector lever lock (01V)

J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
J218	Combi-processor in dash panel insert
L19	Selector lever illumination light bulb
N110	Selector lever lock solenoid
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
*	Only models with auto-check system
**	Only models with 1.8 l turbo Motronic 110 kW, 4 cylinder
***	Only models with 2.6 l MPI 110 kW, 6 cylinder
****	Only models with 2.8 l MPI 128 kW, 6 cylinder
*****	Only models with 2.8l Motronic (5V) 142 kW, 6 cylinder

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Five-speed automatic gearbox with selector lever lock (01V)

B	Starter
D	Ignition/starter switch
E45	Cruise control system switch
F125	Multi-function switch
J60	Relay for automatic gearbox
J189	Auto-check system
J217	Automatic gearbox control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T6y	6-pin connector, black, next to steering column
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
Y6	Selector lever position indicator
114	Earth connection, in automatic gearbox wiring harness
*	Only models with ABS, EDL and ASR/TCS
**	Only models with selector lever position indicator
***	Only models with auto-check system
****	Only models with cruise control system

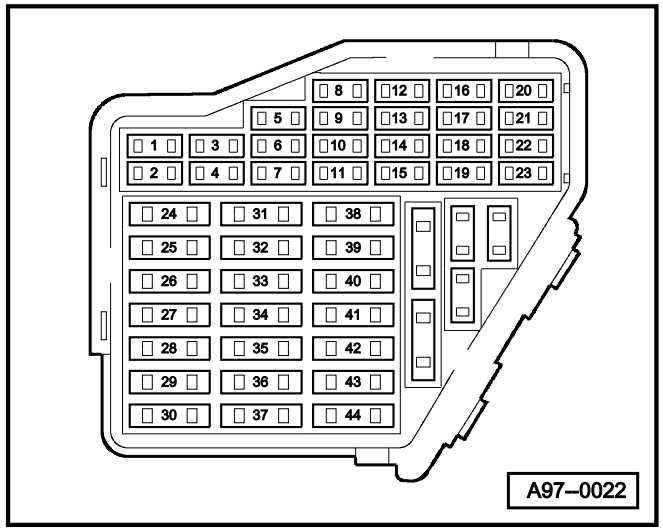
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Four-speed automatic gearbox with selector lever lock (01N)

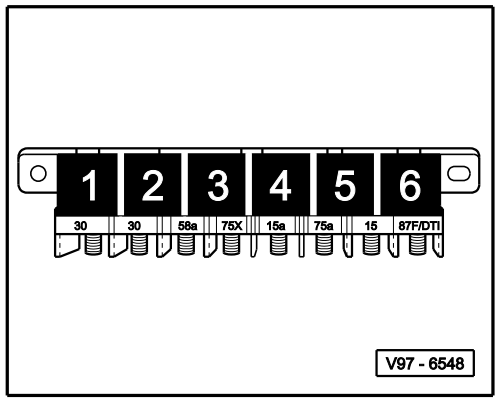
From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

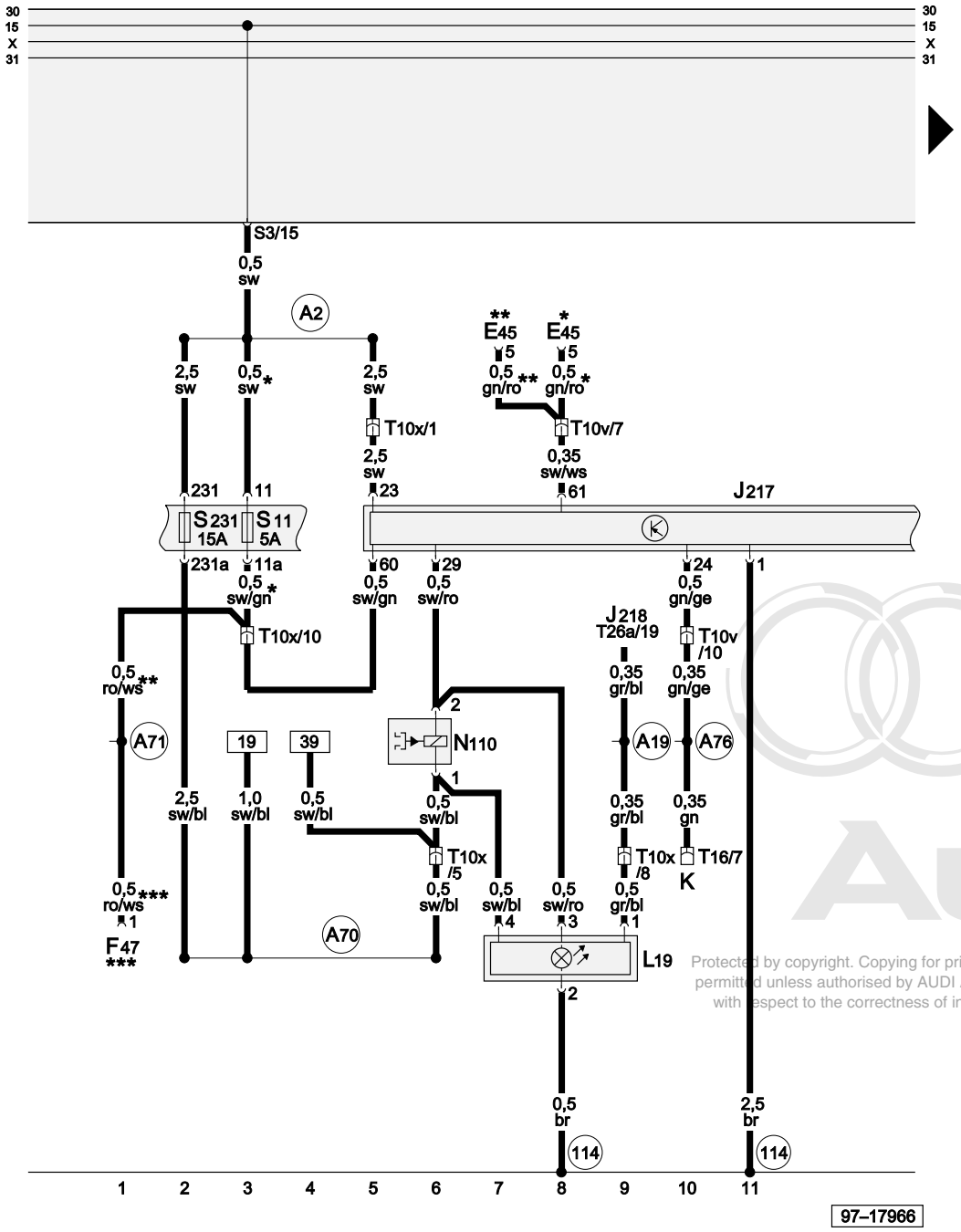
4 - Automatic gearbox relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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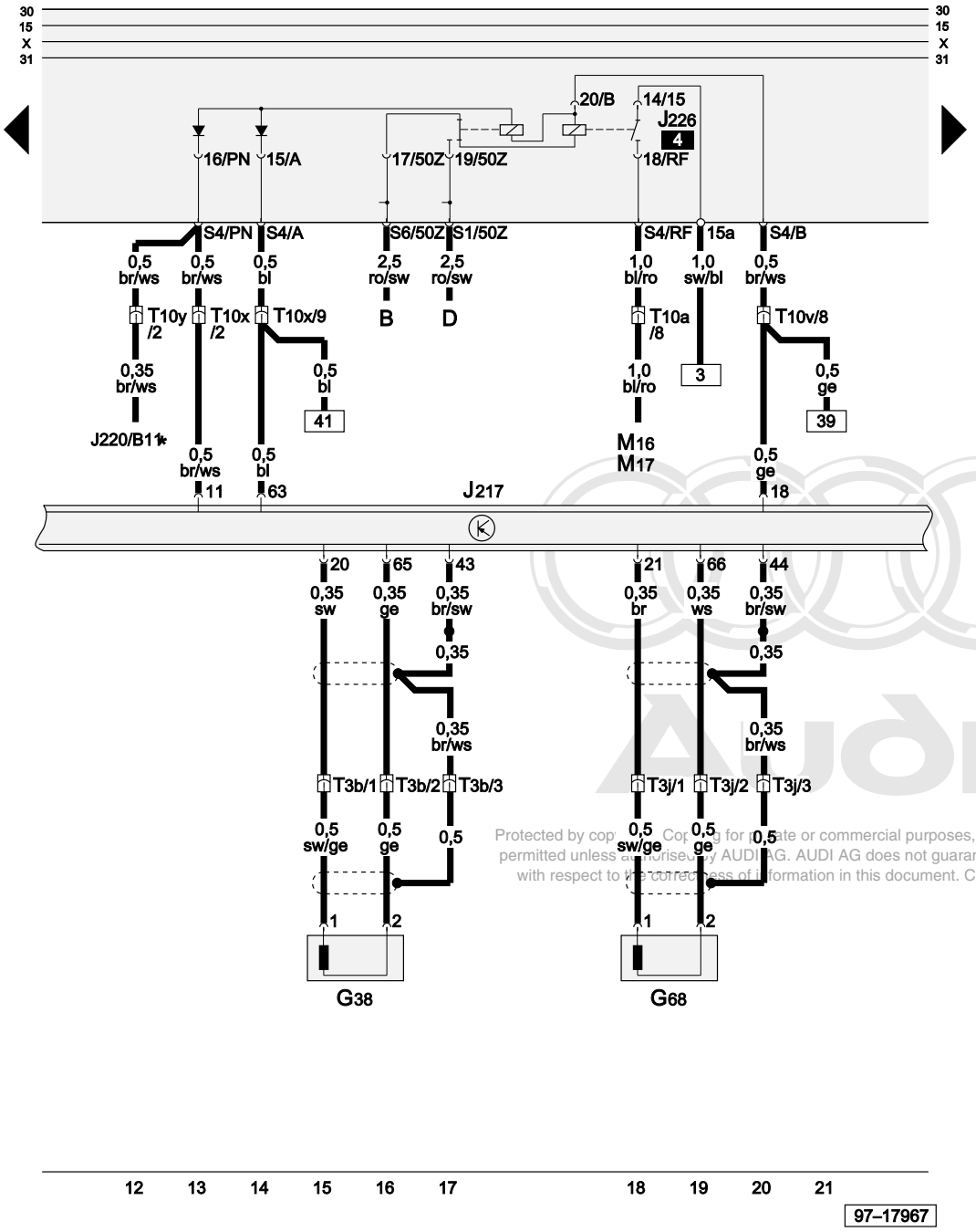


Four-speed automatic gearbox with selector lever lock (01N)

E45	Cruise control system switch
E47	Brake light switch for in diesel direct injection system
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
L19	Selector lever illumination light bulb
N110	Selector lever lock solenoid
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
A76	Connection (diagnosis connection wire K), in dash panel wiring harness
*	Only models with cruise control system (1.6 l Motronic 74 kW and 1.8 kW Motronic 92 kW, 4 cylinder)
**	Only models with cruise control system (1.9 l TDI)
***	Only models with 1.9 l TDI

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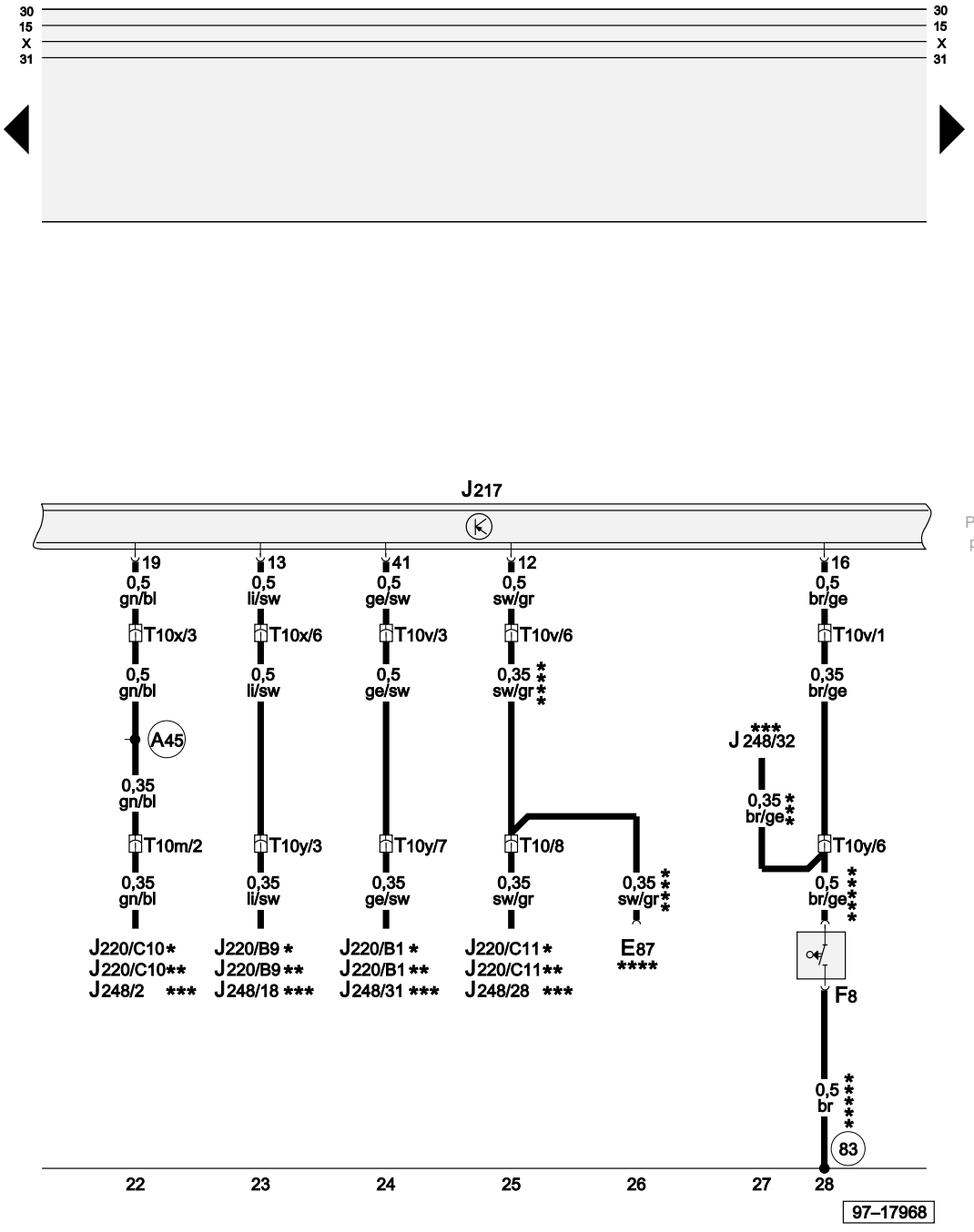


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Four-speed automatic gearbox with selector lever lock (01N)

B	Starter
D	Ignition/starter switch
G38	Gearbox speed sender
G68	Vehicle speed sender
J217	Automatic gearbox control unit
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3b	3-pin connector, brown, on gearbox
T3j	3-pin connector, black, on gearbox
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
*	Only models with 1.6 l Motronic 74 kW 4 cylinder and 1.8 l Motronic 92 kW, 4 cylinder

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

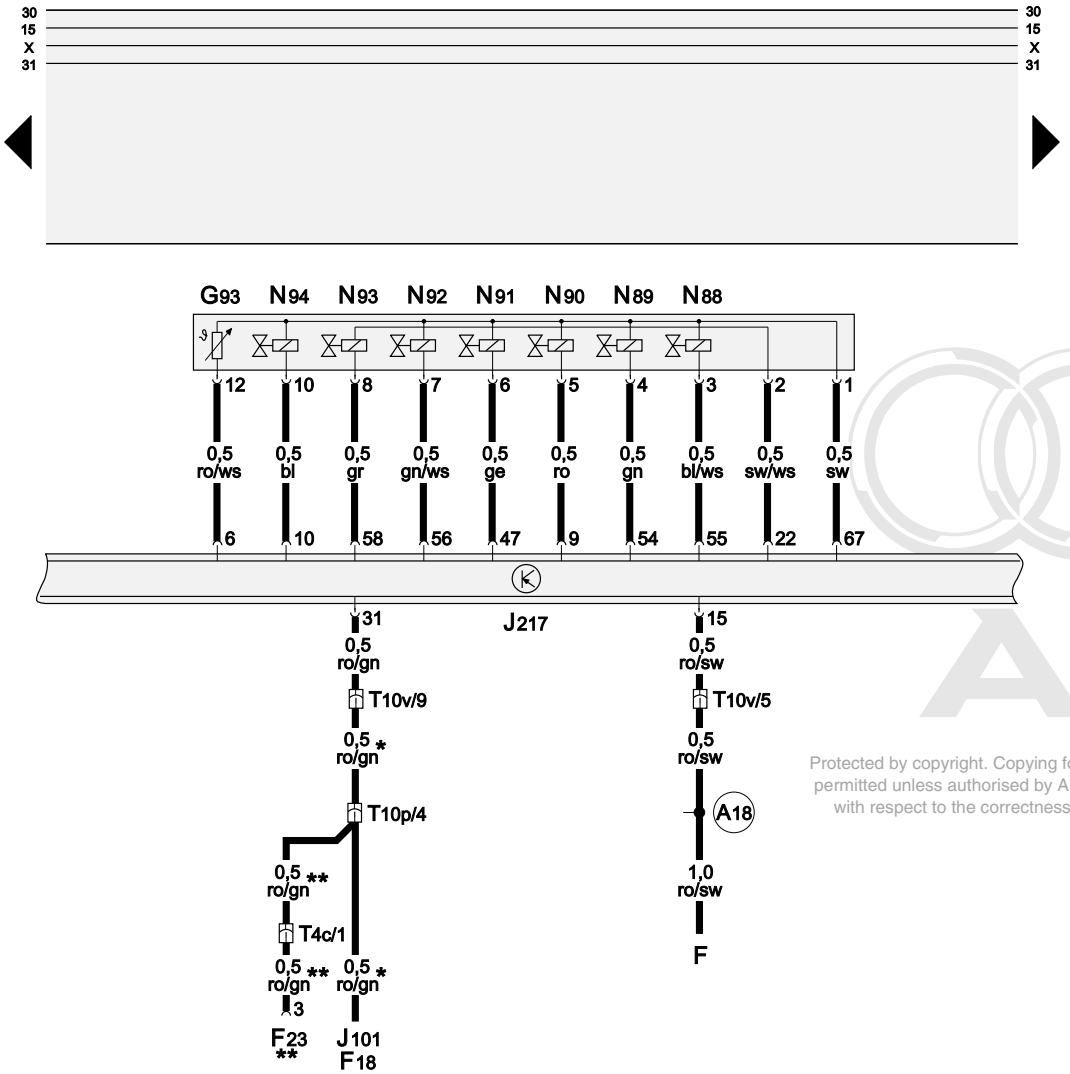


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Four-speed automatic gearbox with selector lever lock (01N)

E87	Control and display unit for air conditioner
F8	Kick-down switch
J217	Automatic gearbox control unit
J220	Motronic control unit
J248	Diesel direct injection system control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only with 1.6l Motronic 74 kW, 4 cylinder
**	Only with 1.8l Motronic 92 kW, 4 cylinder
***	Only with 1.9 l TDI
****	Only models with air conditioner
*****	Only with 1.6 l Motronic 74, kW 4 cylinder and 1.8 l Motronic 92 kW, 4 cylinder

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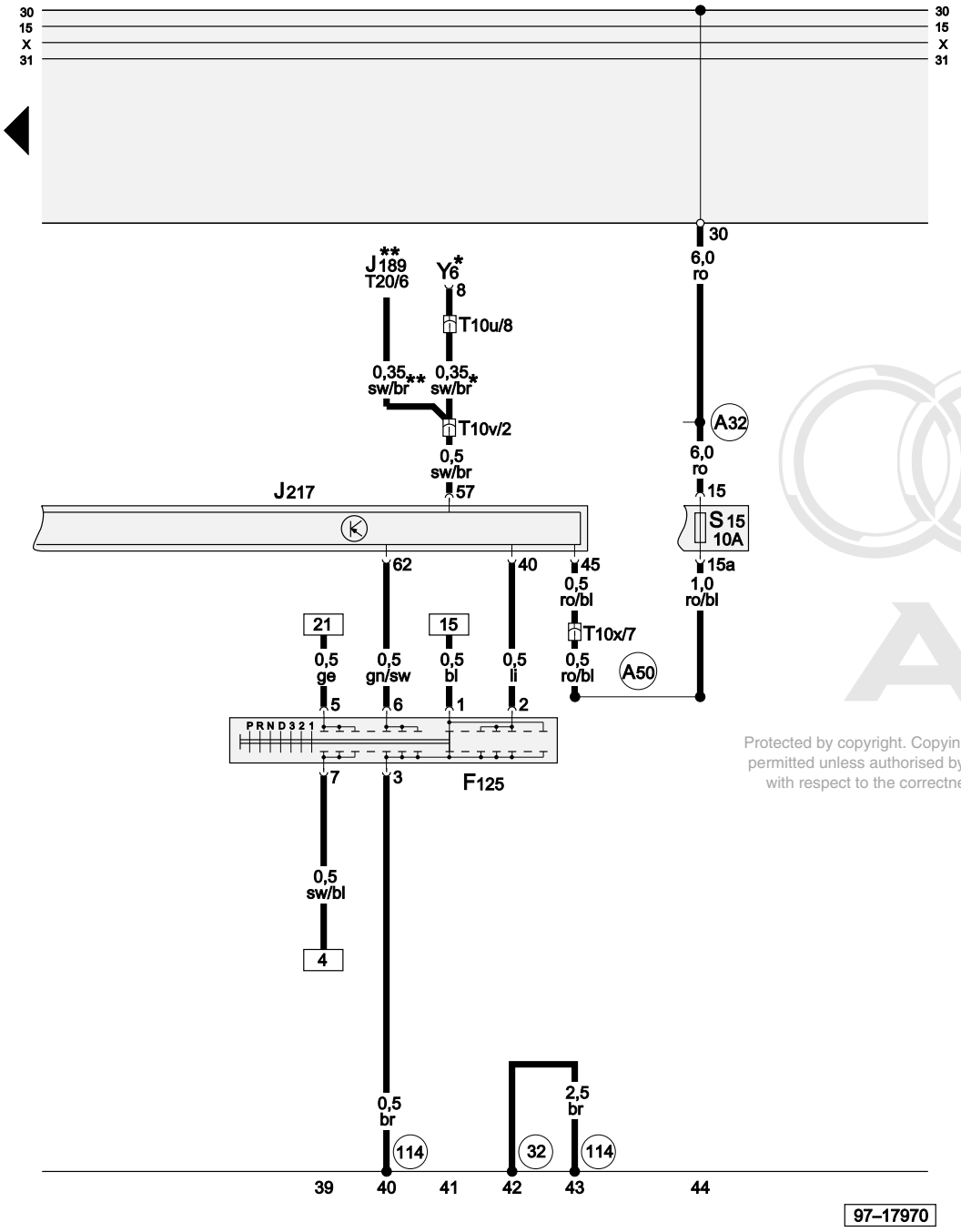


Four-speed automatic gearbox with selector lever lock (01N)

F	Brake light switch
F18	Radiator fan thermo-switch
F23	High pressure switch for air conditioner
G93	Gearbox oil temperature sender
J101	Radiator fan 2nd speed relay
J217	Automatic gearbox control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
(A18)	Connection (54), in dash panel wiring harness
*	Only models with 1.9 l TDI
**	Only models with air conditioner (1.9 l TDI)

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or	=	orange
rs	=	pink



Four-speed automatic gearbox with selector lever lock (01N)

F125	Multi-function switch
J189	Auto-check system
J217	Automatic gearbox control unit
T10u	10-pin connector, black, behind dash panel, centre
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
Y6	Selector lever position indicator
32	Earth point, behind dash panel, left
114	Earth connection, in automatic gearbox wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with selector lever position indicator
**	Only models with on-board computer with auto-check system

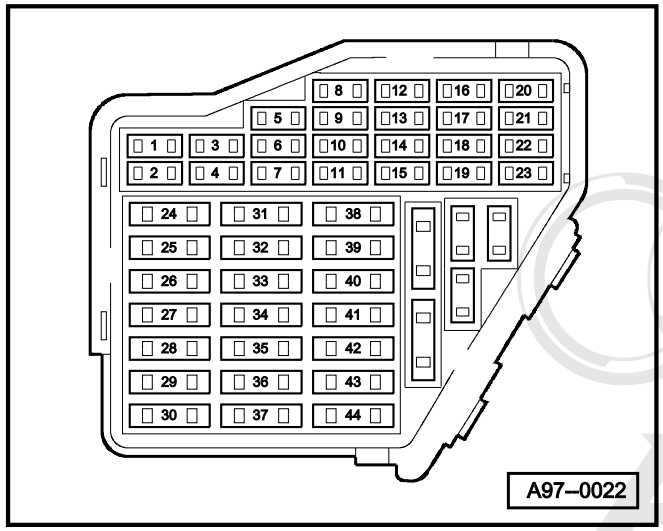
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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Heated seats (without heated steering wheel)

From model year 1996

Fuse box:

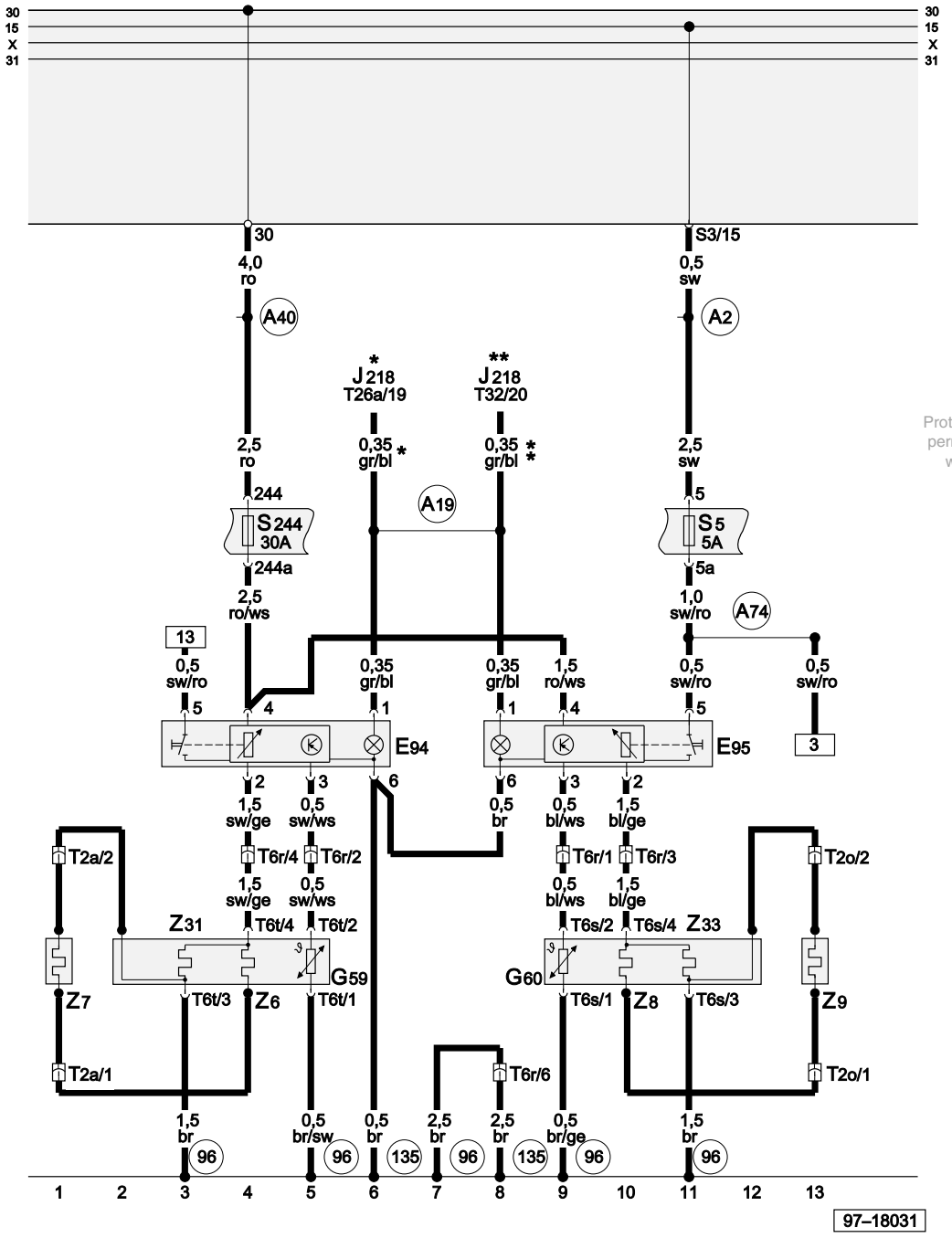


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



Heated seats (without heated steering wheel)

E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
G59	Driver's seat temperature sensor
G60	Front passenger's seat temperature sensor
J218	Combi-processor in dash panel insert
T2a	2-pin connector, in driver's seat
T2o	2-pin connector, in front passenger's seat
T6r	6-pin connector, white, left connector point, A pillar
T6s	6-pin connector, green, under front passenger's seat
T6t	6-pin connector, green, under driver's seat
T26a	26-pin connector, blue, on dash panel insert
T32	32-pin connector, blue, on dash panel insert
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
Z31	Seat lateral support heater, driver's seat
Z33	Seat lateral support heater, front passenger's seat

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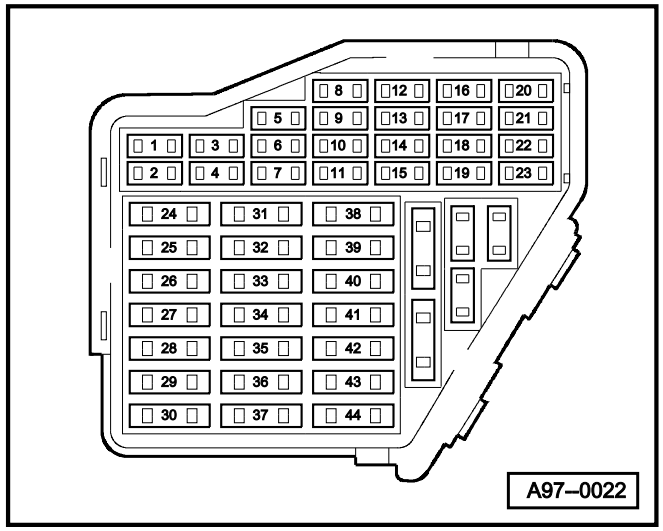
96	Earth connection -1-, in seat heating wiring harness
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up 1997 model year
**	Applicable from model year 1998

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

On-board computer with auto-check system

From model year 1996

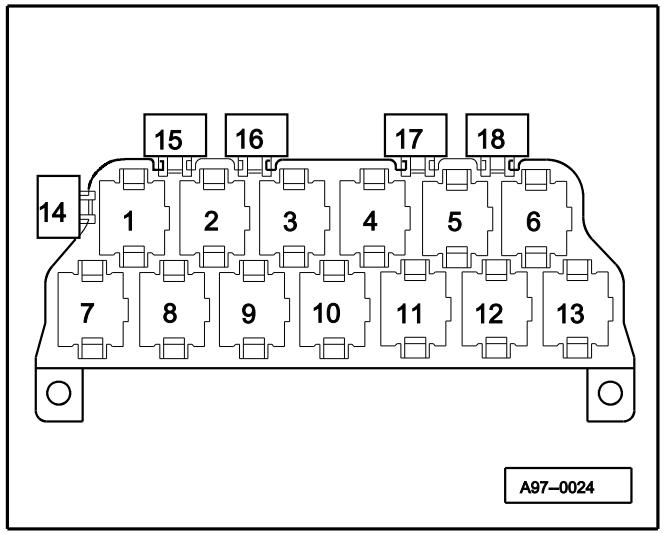
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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13-point relay carrier:



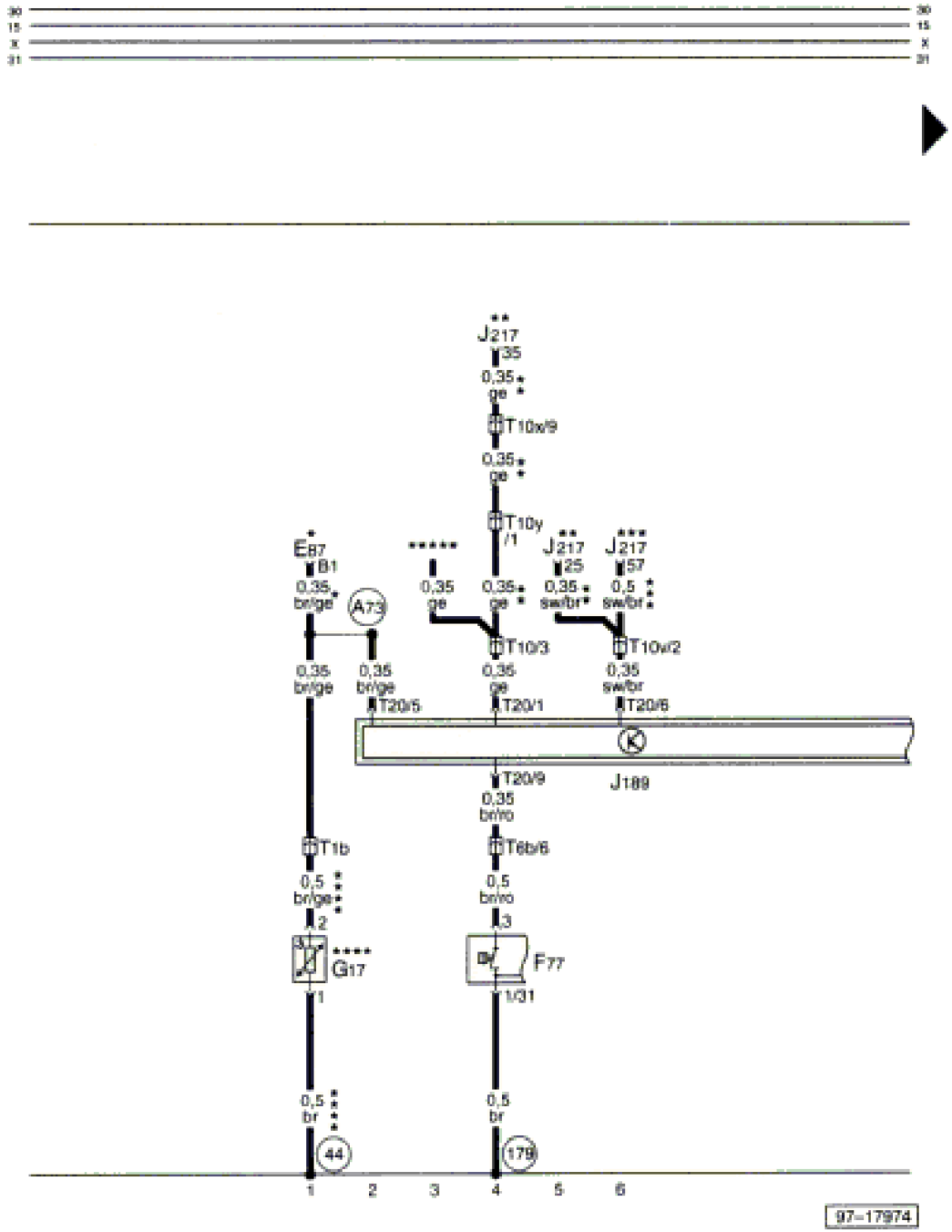
Position of relays:

4 - Bulb monitoring control unit
5 - Bulb monitoring control unit

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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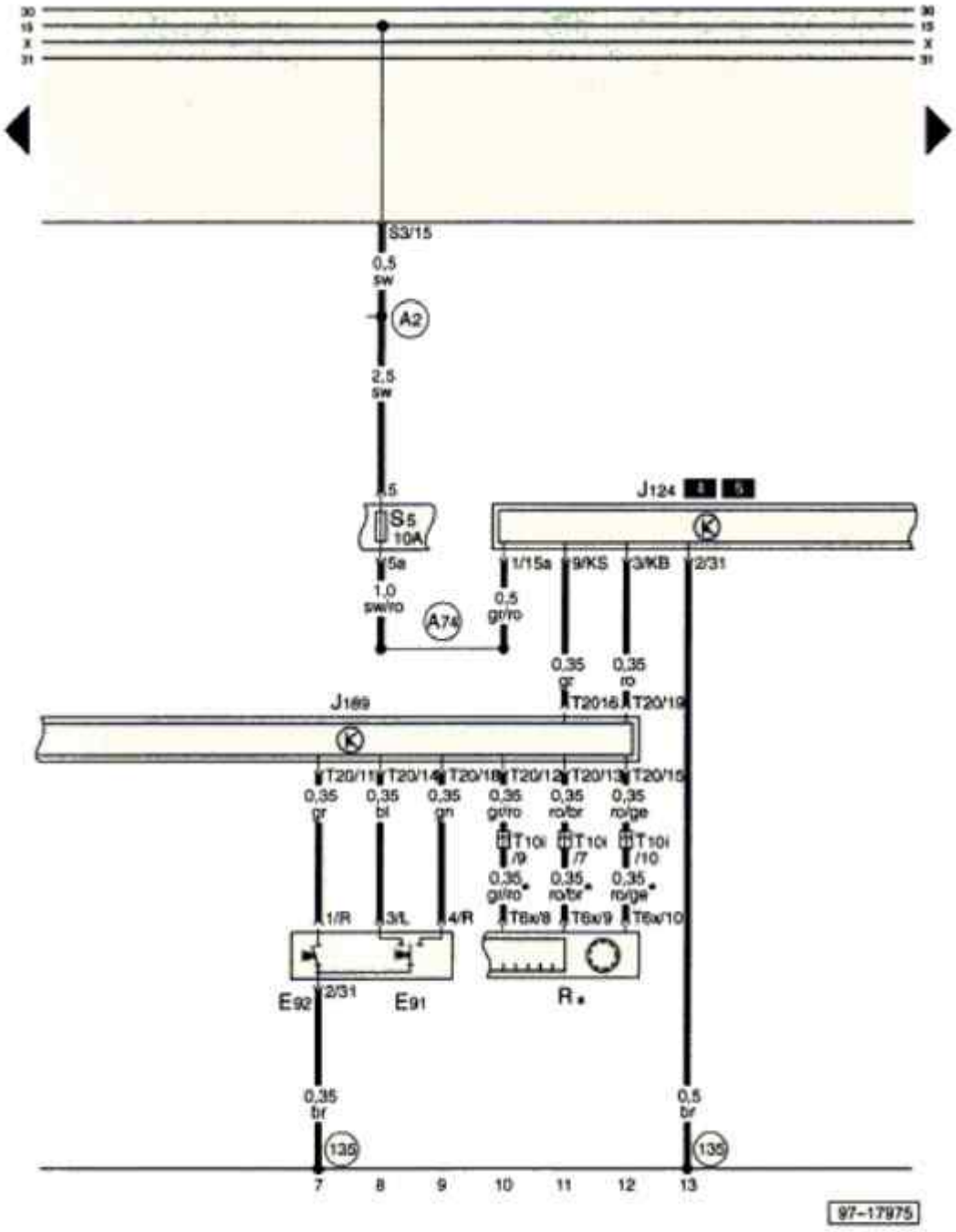


On-board computer with auto-check system

E87	Control and display unit for air conditioner/Climatronic
F77	Washer fluid warning contact
G17	Ambient temperature sensor
J189	Auto-check system
J217	Automatic gearbox control unit
T1b	Single connector, brown, left connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, red/white, on dash panel insert
44	Earth point, lower part of left A pillar
179	Earth connection, in left headlight wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
*	Only applies to air conditioner
**	Only applies to 5-speed automatic gearbox
***	Only applies to 4-speed automatic gearbox
****	Only applies to ambient temperature indicator
*****	See applicable engine version

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

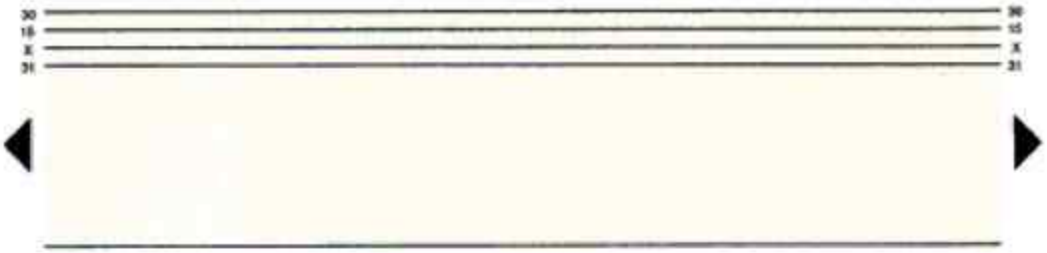


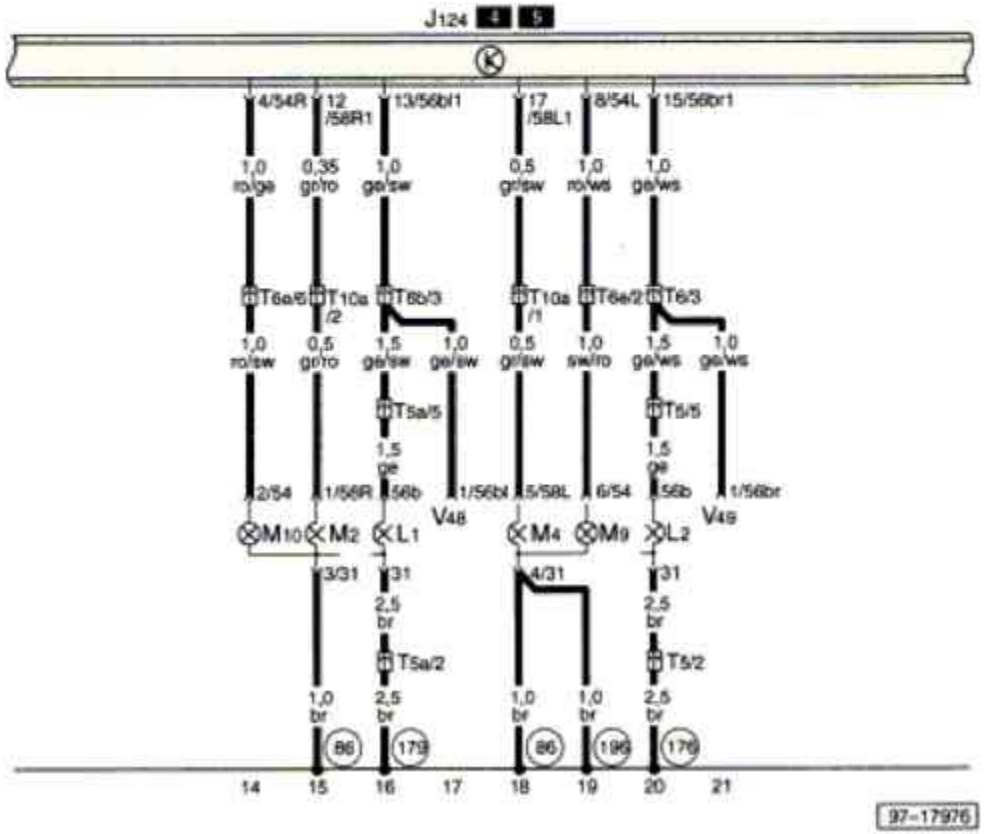
On-board computer with auto-check system

E91	Function selection switch
E92	Reset button
J124	Bulb monitoring device
J189	Auto-check system
R	Radio
S5	Fuse in fuse box/relay plate
T6x	6-pin connector, green, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, black, in dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only on models fitted with radio (does not apply to radio Beta)

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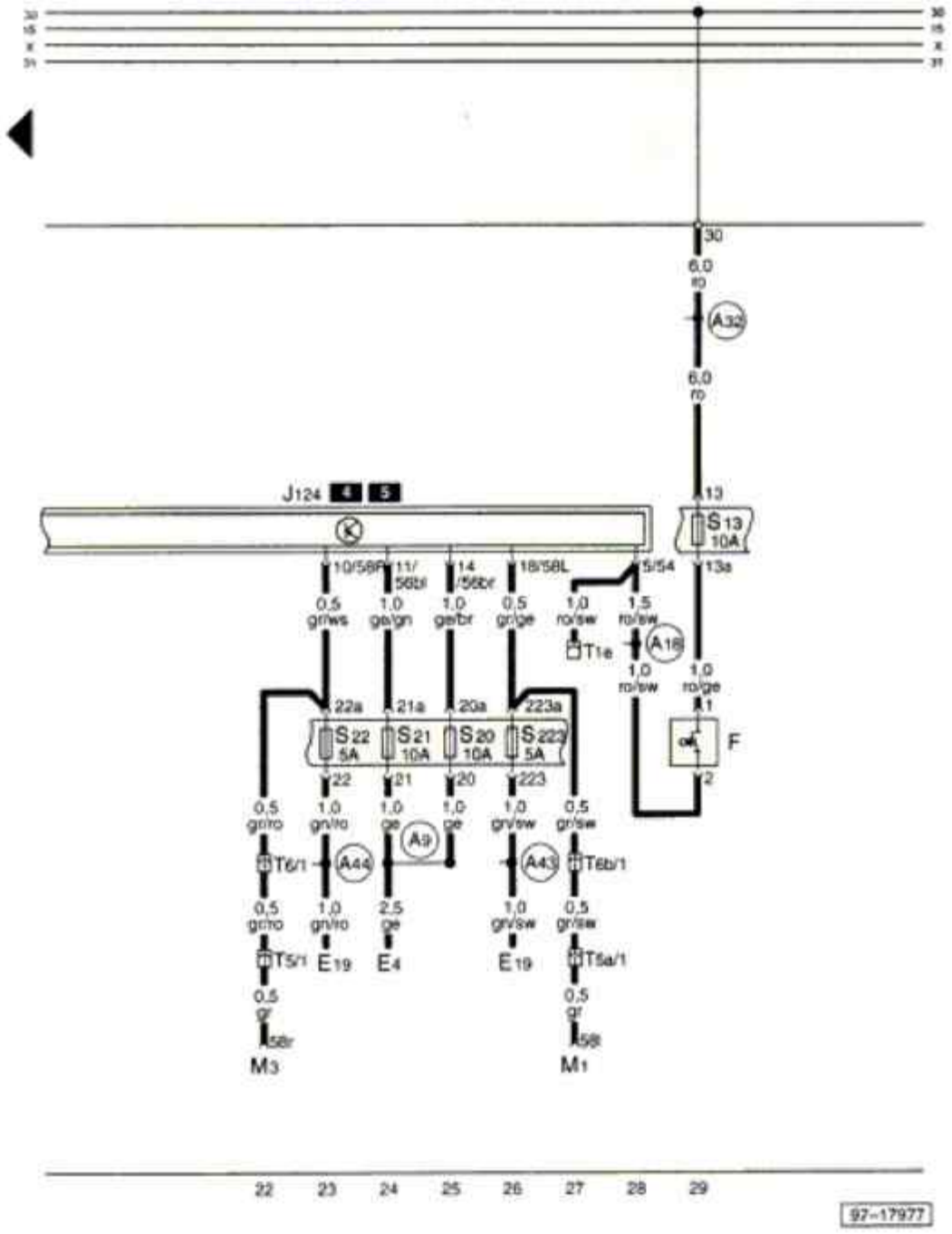


On-board computer with auto-check system

J124	Bulb monitoring device
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M9	Brake light bulb, left
M10	Brake light bulb, right
T5	5-pin connector, near right headlight
T5a	5-pin connector, near left headlight
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
196	Earth connection -3-, in rear wiring harness

ws	=	white
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or	=	orange
rs	=	pink

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On-board computer with auto-check system

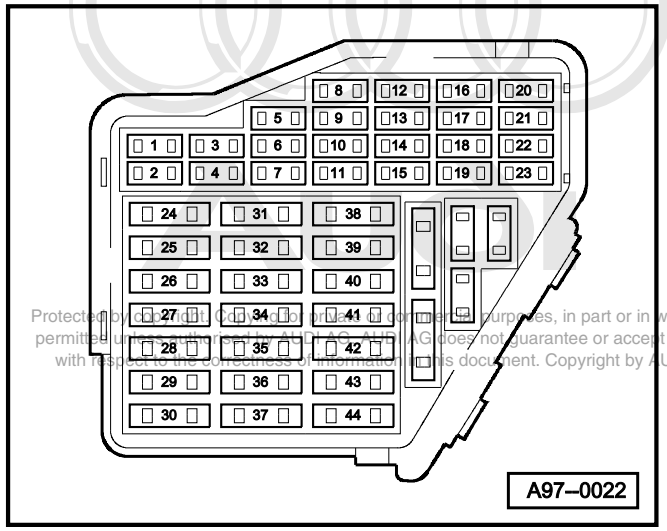
E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
S13	Fuse in fuse box/relay plate
S20	Fuse in fuse box/relay plate
S21	Fuse in fuse box/relay plate
S22	Fuse in fuse box/relay plate
S223	Fuse in fuse box
T1e	Single connector, black, left connector point, A pillar
T5	5-pin connector, near right headlight
T5a	5-pin connector, near left headlight
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
A9	Positive (+) connection (56 b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57r), in dash panel wiring harness

ws	=	white
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gn	=	green
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li	=	purple
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or	=	orange
rs	=	pink

Electric windows, 4-door (with roll-back function)

From model year 1996

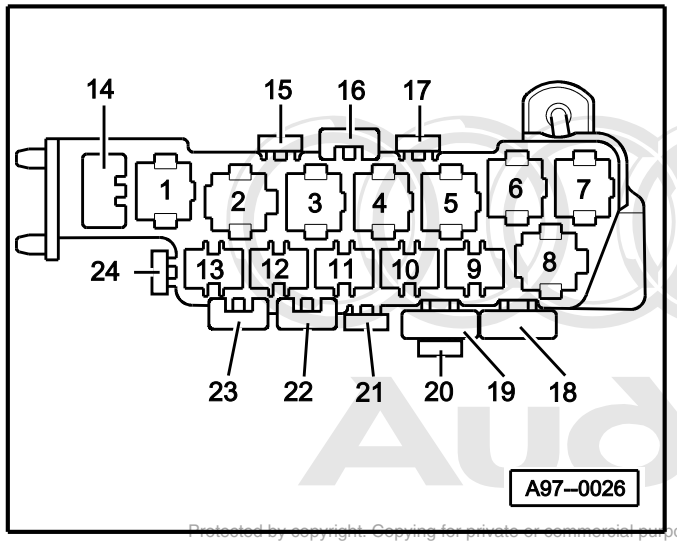
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



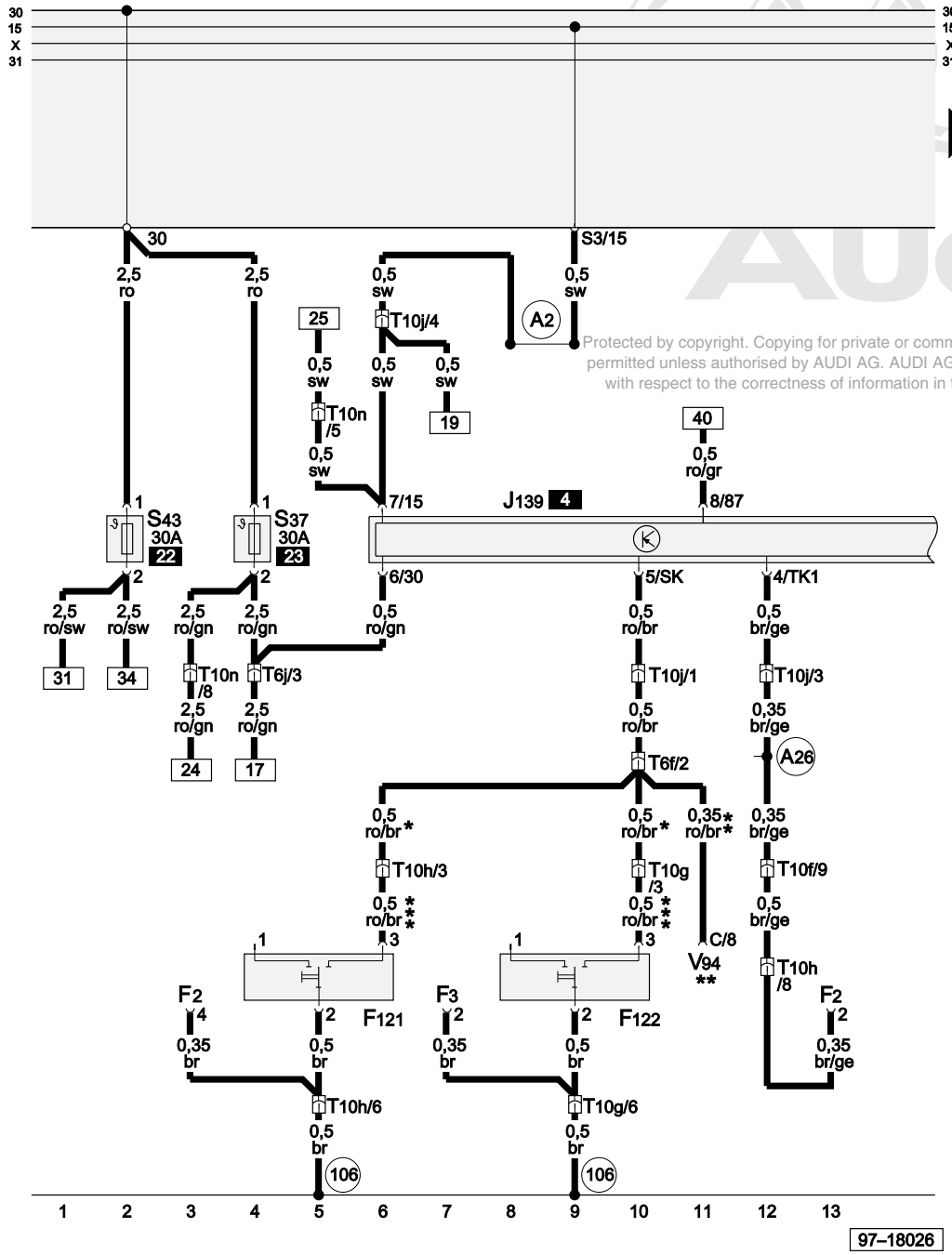
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Position of relays:

4 - Electric window control unit
22 - Fuse for rear electric windows
23 - Fuse for front electric windows

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

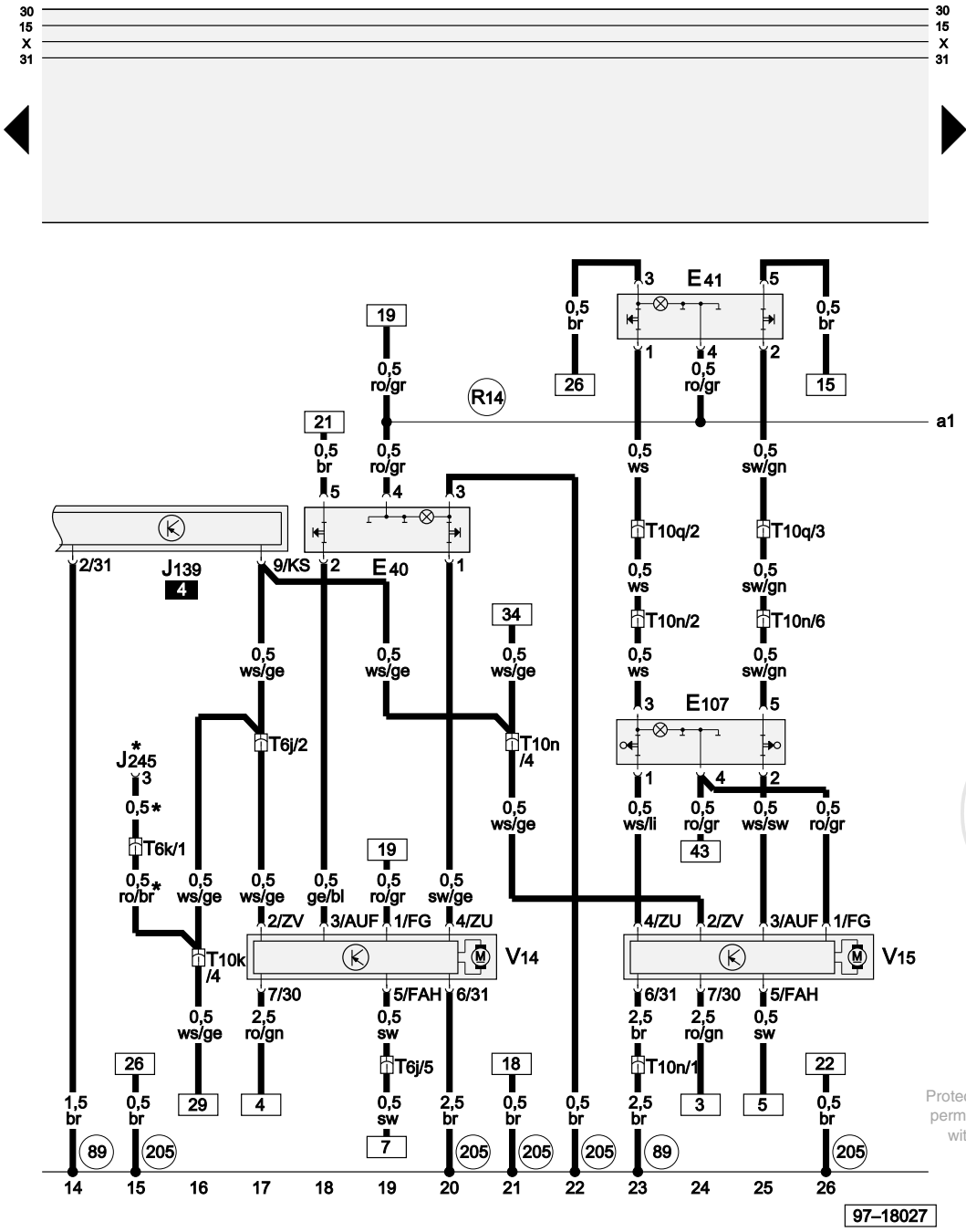


Electric windows, 4-door (with roll-back function)

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
J139	Window lifter control unit
S37	Electric window single fuse (front)
S43	Electric window single fuse (rear)
T6f	6-pin connector, orange, right connector point, A pillar
T6j	6-pin connector, red, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
*	Only models with anti-theft alarm system
**	Only models with anti-theft alarm system
***	Only models with electric sunroof

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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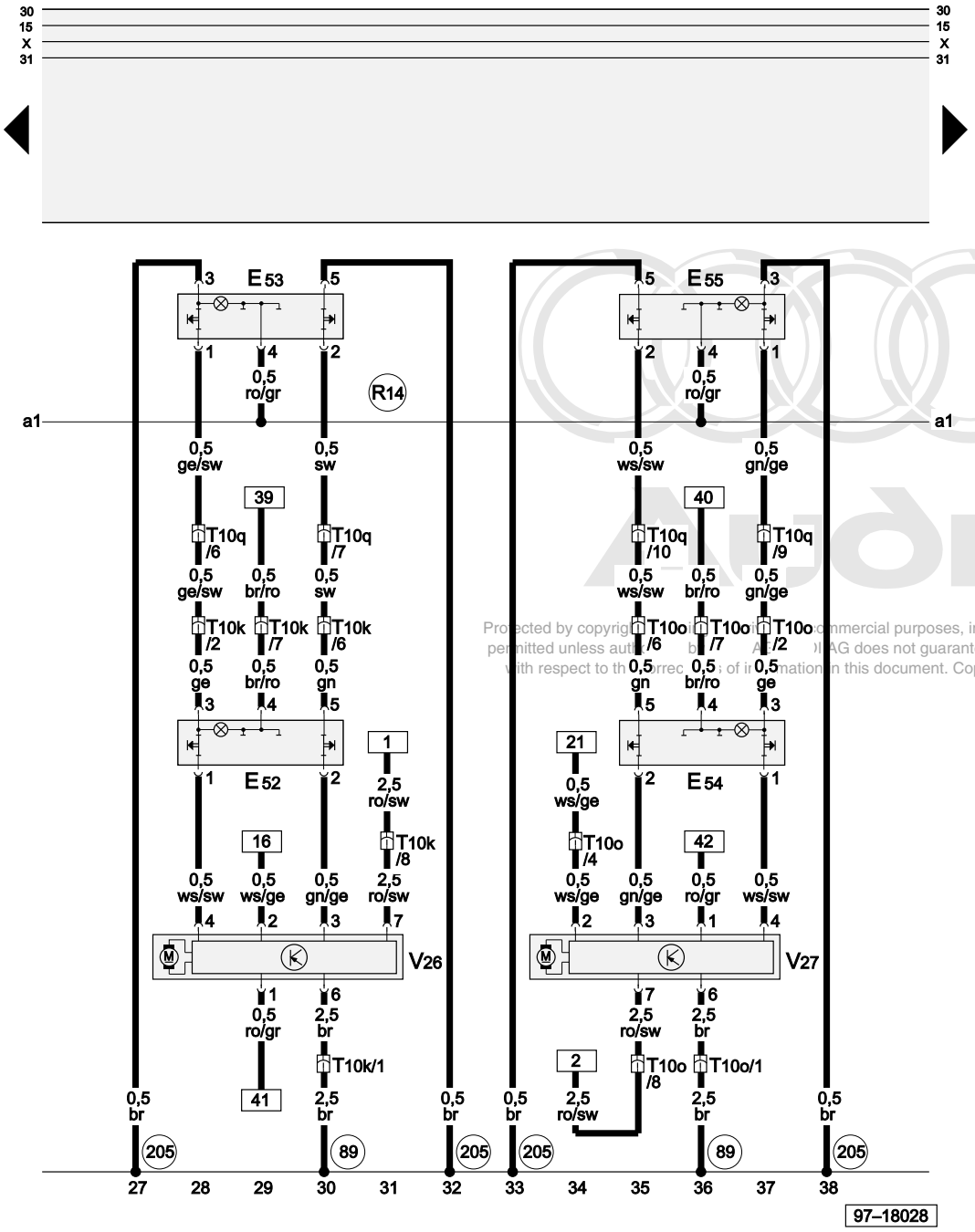


Electric windows, 4-door (with roll-back function)

E40	Electric window switch, front left (driver's door)
E41	Electric window switch, front right (driver's door)
E107	Electric window switch, front right (front passenger's door)
J139	Window lifter control unit
J245	Sliding sunroof adjustment control unit
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10k	10-pin connector, red, at B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
V14	Electric window motor, left
V15	Electric window motor, right
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
R14	Connection -1- (open), in door wiring harness, driver's side
*	Only models with electric sunroof

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gr	=	grey
li	=	purple
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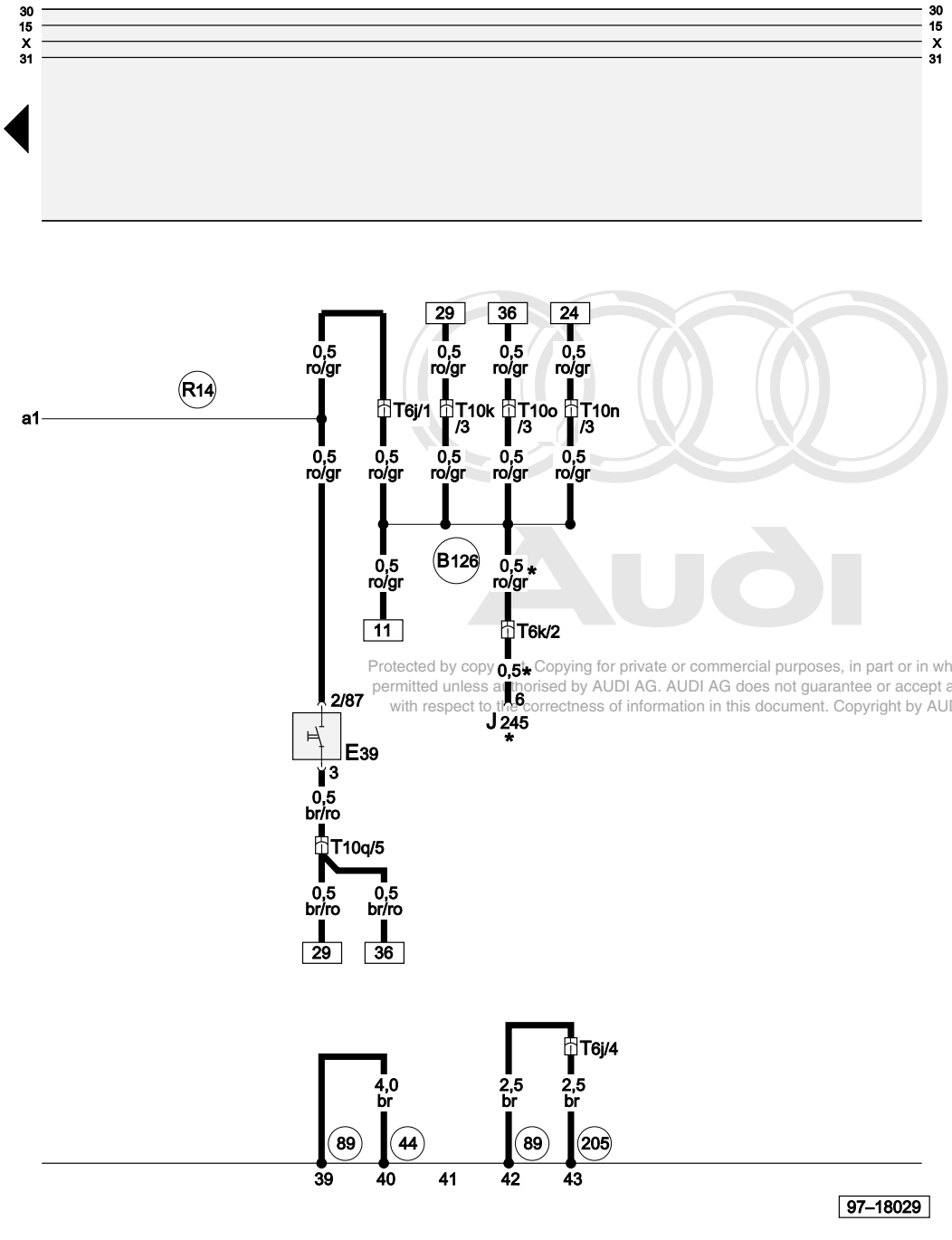


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Electric windows, 4-door (with roll-back function)

E52	Electric window switch, rear left (in door)
E53	Window lifter switch, rear left (in driver's door)
E54	Electric window switch, rear right (in door)
E55	Window lifter switch, rear right (in driver's door)
T10k	10-pin connector, red, at B pillar, left
T10o	10-pin connector, red, at B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
V26	Electric window motor, rear left
V27	Electric window motor, rear right
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
R14	Connection -1- (open), in door wiring harness, driver's side



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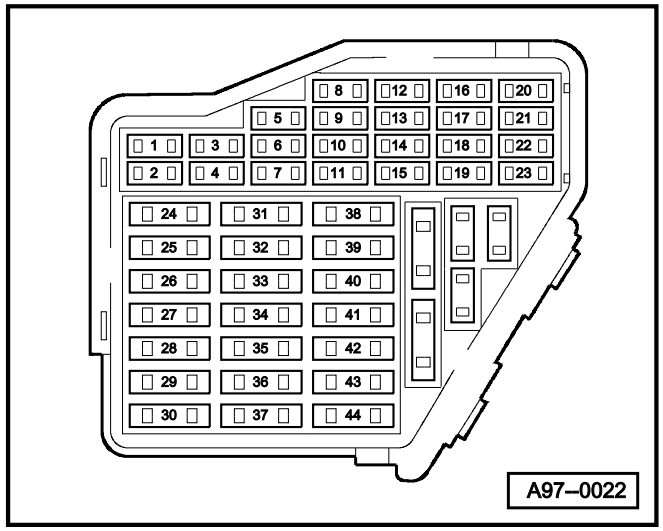
Electric windows, 4-door (with roll-back function)

E39	Rear electric window isolation switch
J245	Sliding sunroof adjustment control unit
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10k	10-pin connector, red, at B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, at B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
B126	Connection (87, electric windows control unit), in electric window wiring harness
R14	Connection -1- (open), in door wiring harness, driver's side
*	Only models with electric sunroof

Electric sliding sunroof with automatic preselector

From model year 1996

Fuse box:

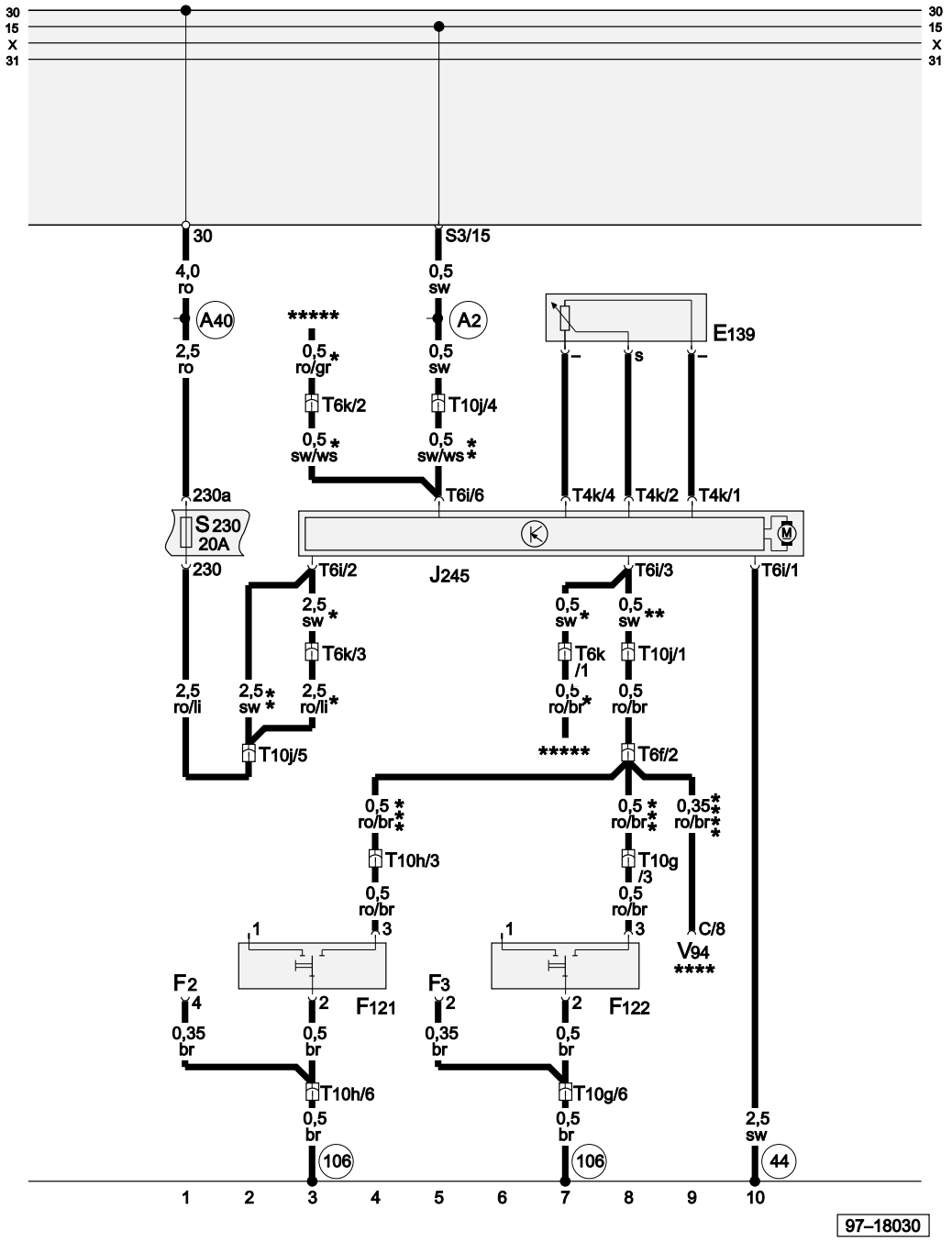


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Electric sliding sunroof with automatic preselector

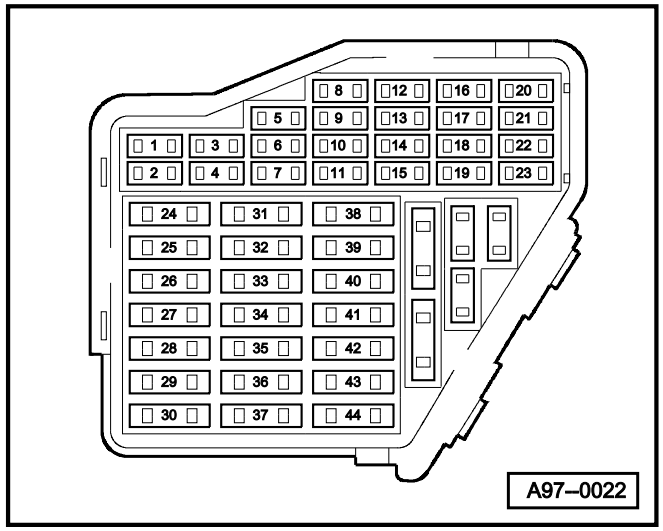
E139	Sliding sunroof adjustment regulator
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
J245	Sliding sunroof adjustment control unit
T4k	4-pin connector, near interior light, front
T6f	6-pin connector, orange, right connector point, A pillar
T6i	6-pin connector, near interior light, front
T6k	6-pin connector, brown, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
*	Only with electric window lifters
**	Not with electric window lifters
***	Not with anti-theft alarm system
****	Only models with anti-theft alarm system
*****	See applicable electric window Current Flow Diagram

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Electrically adjustable and heated exterior mirrors, with folding function

From model year 1996

Fuse box:

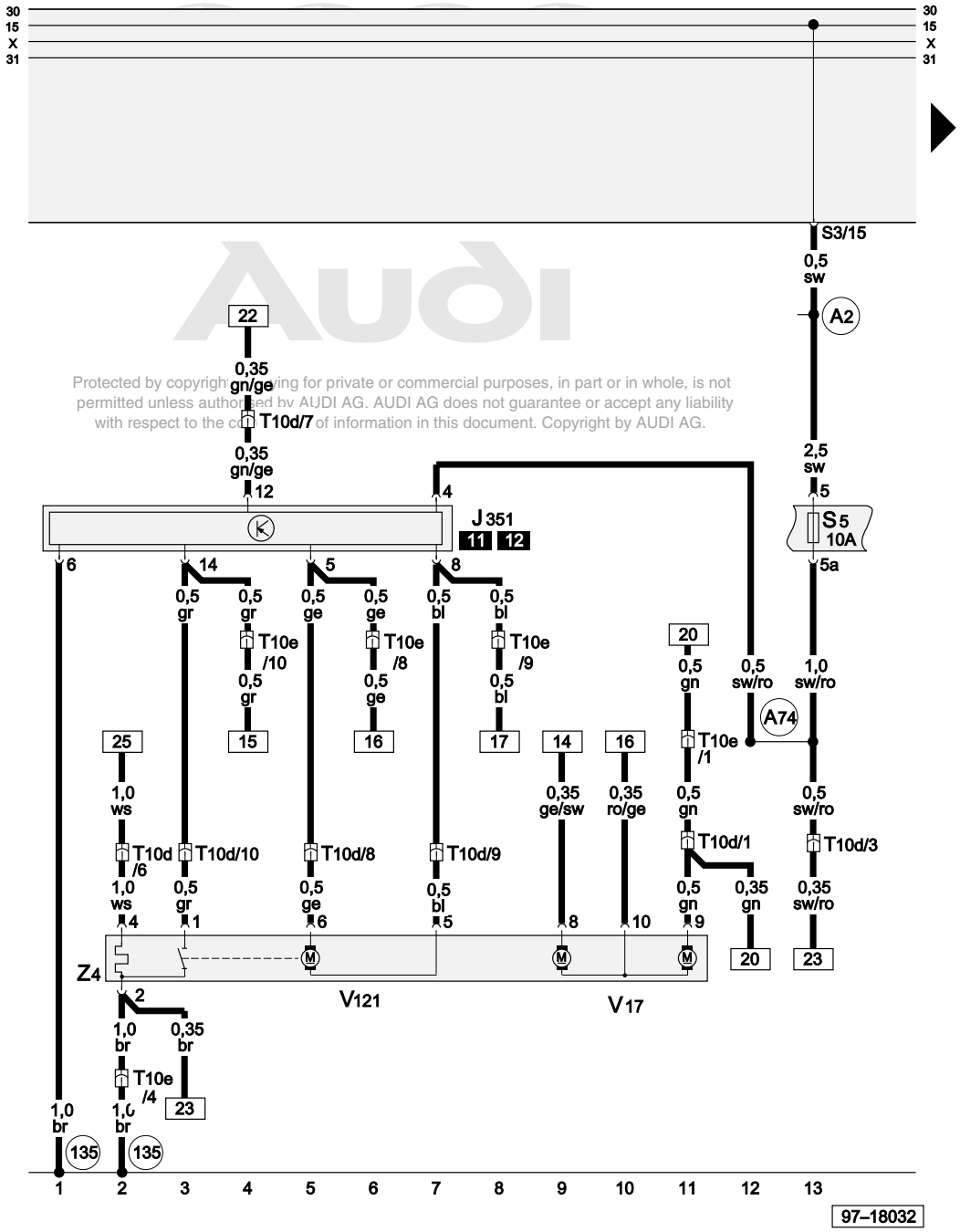


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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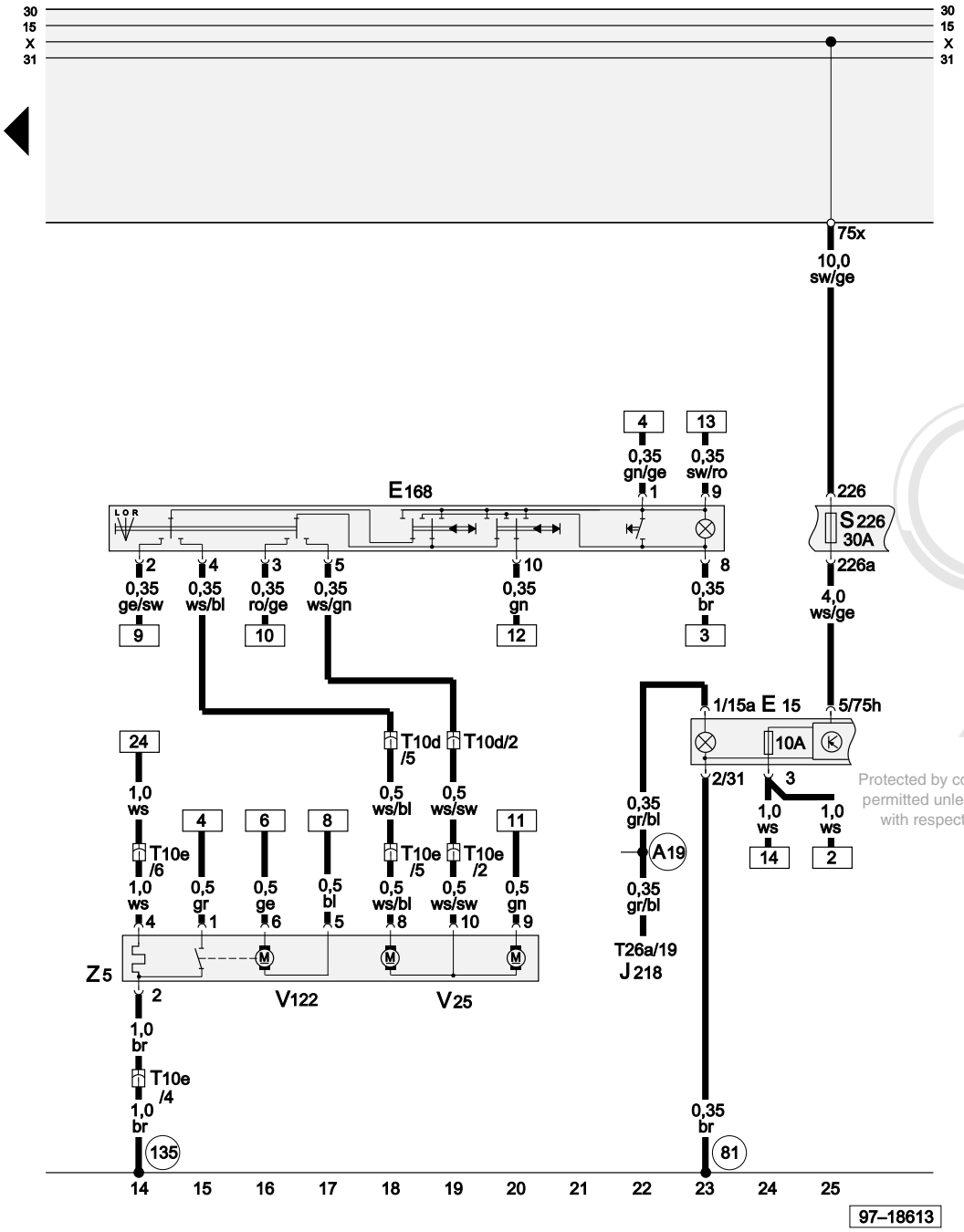


Electrically adjustable and heated exterior mirrors, with folding function

J351	Exterior mirror fold system control unit
T10d	10-pin connector, black, left connector point, A pillar
T10e	10-pin connector, black, right connector point, A pillar
V17	Mirror adjustment motor, driver' side
V121	Folding mirror motor, driver's side
Z4	Heated exterior mirror, driver's side
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electrically adjustable and heated exterior mirrors, with folding function

E15	Heated rear window switch
E168	Mirror with folding function, adjustment switch
J218	Combi-processor in dash panel insert
T10d	10-pin connector, black, left connector point, A pillar
T10e	10-pin connector, black, right connector point, A pillar
T26a	26-pin connector, blue, in dash panel insert
V25	Mirror adjustment motor, front passenger's side
V122	Folding mirror motor, front passenger's side
Z5	Heated exterior mirror, front passenger's side
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness

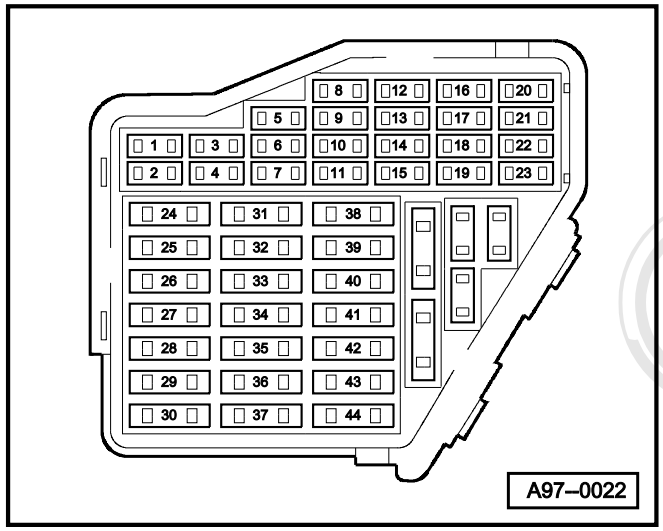
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li	=	purple
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or	=	orange
rs	=	pink

Cruise control system (1.9 l TDI)

From model year 1996

Fuse box:

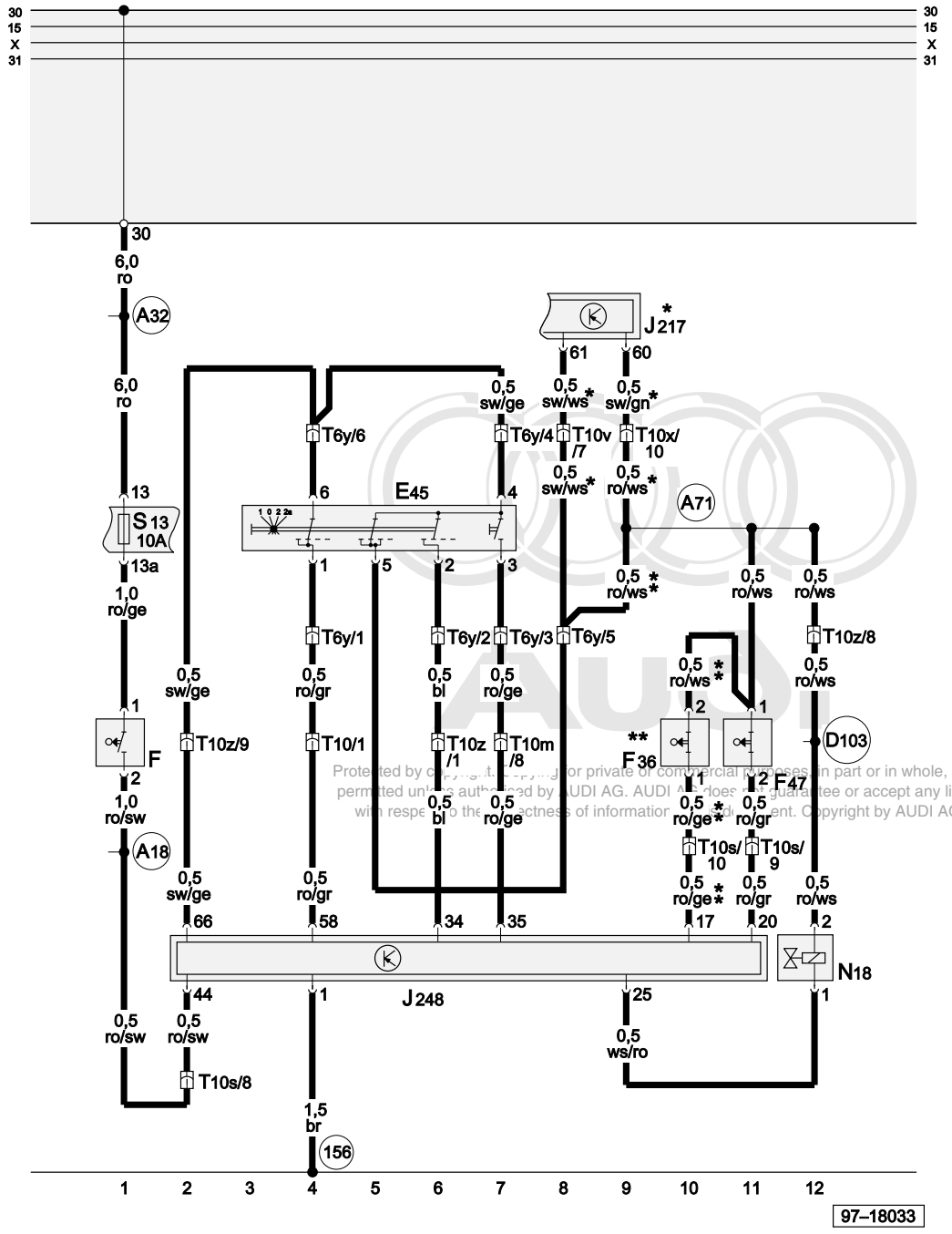


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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or = orange
rs = pink

Cruise control system (1.9 l TDI)

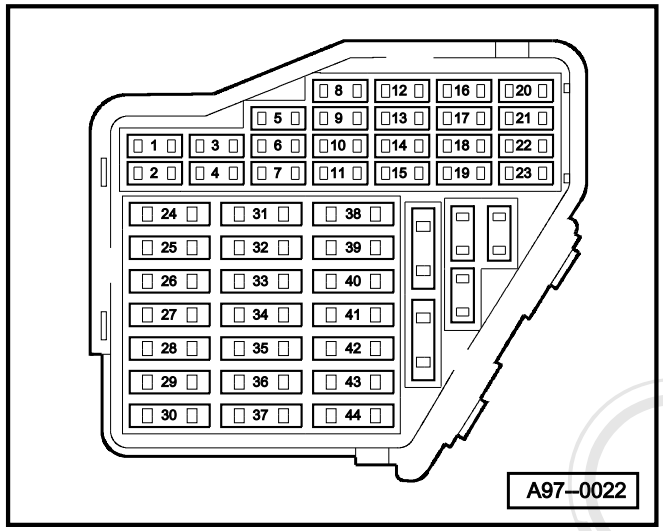
E45	Cruise control system switch
F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch for diesel direct inj. system
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
T6y	6-pin connector, black, in steering column
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10v	10-pin connector, red, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chambern
156	Earth connection, in diesel direct injection system wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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Radiator fan control - 80 W (without air conditioner, not for 1.9 l TDI 81 kW, 4 cylinder)

From model year 1996

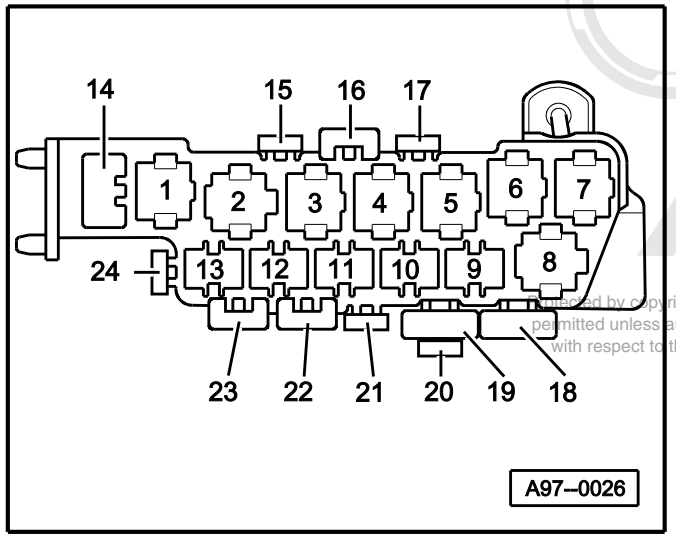
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



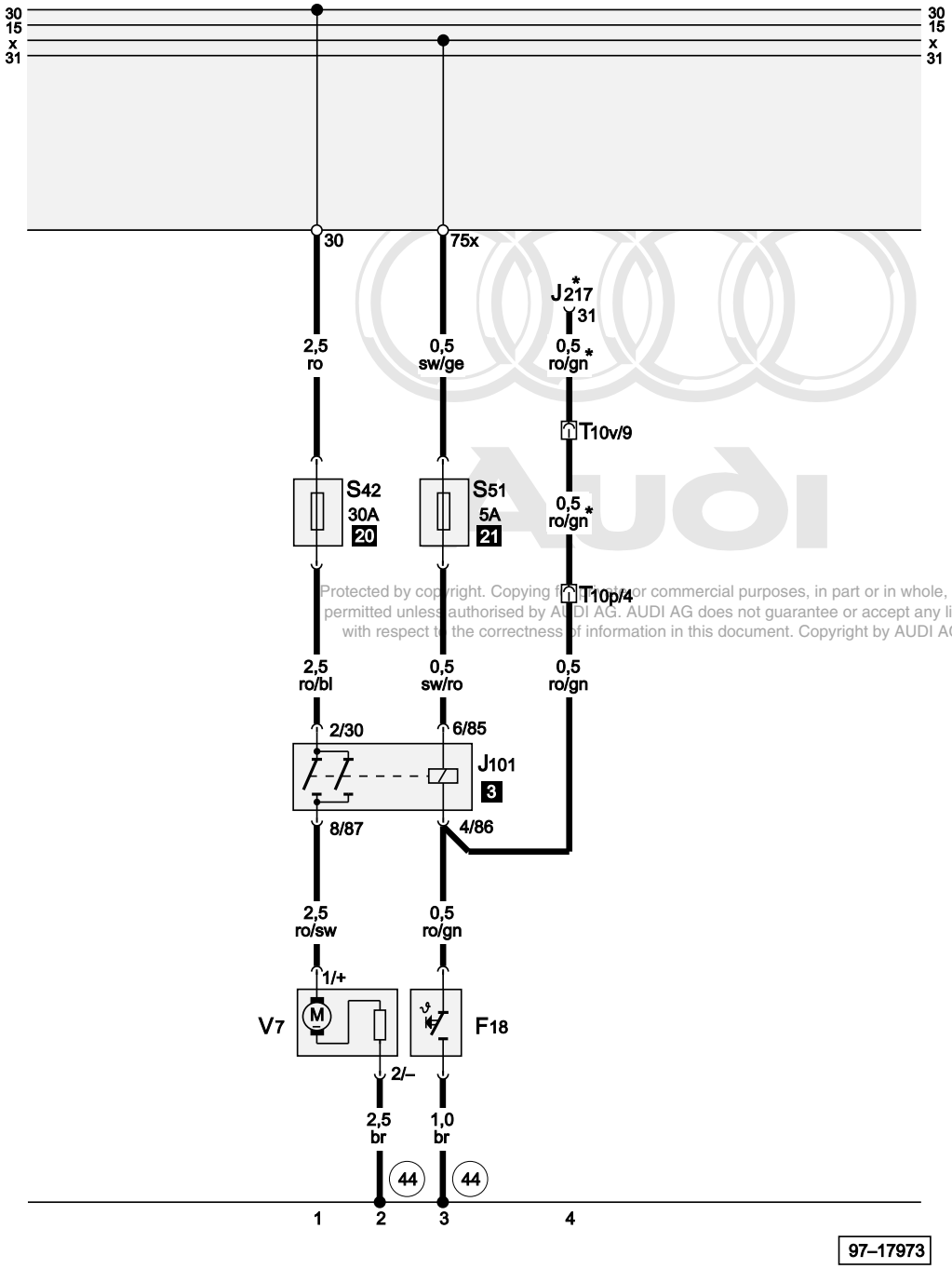
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Position of relays:

3 - Radiator fan relay (completely)
20 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



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Radiator fan control - 80 W (without air conditioner, not for 1.9 l TDI 81 kW, 4 cylinder)

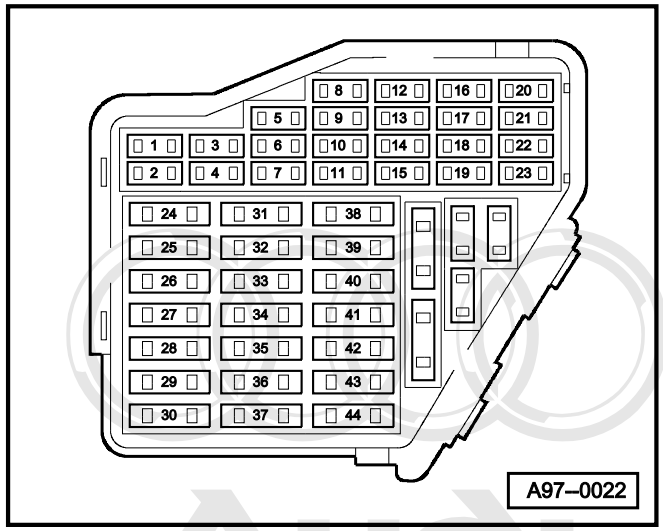
F18	Radiator fan thermo-switch
J101	Radiator fan relay (maximum speed)
J217	Automatic gearbox control unit
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A-pillar
*	Only with 1.9 l-TDI engine, 66 kW with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 300 W (without air conditioner, not for 1.9 l TDI 81 kW, 4 cylinder)

From model year 1996

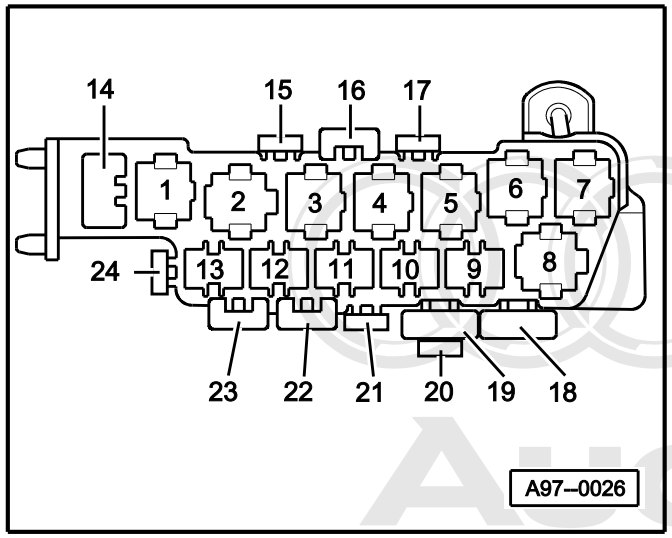
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



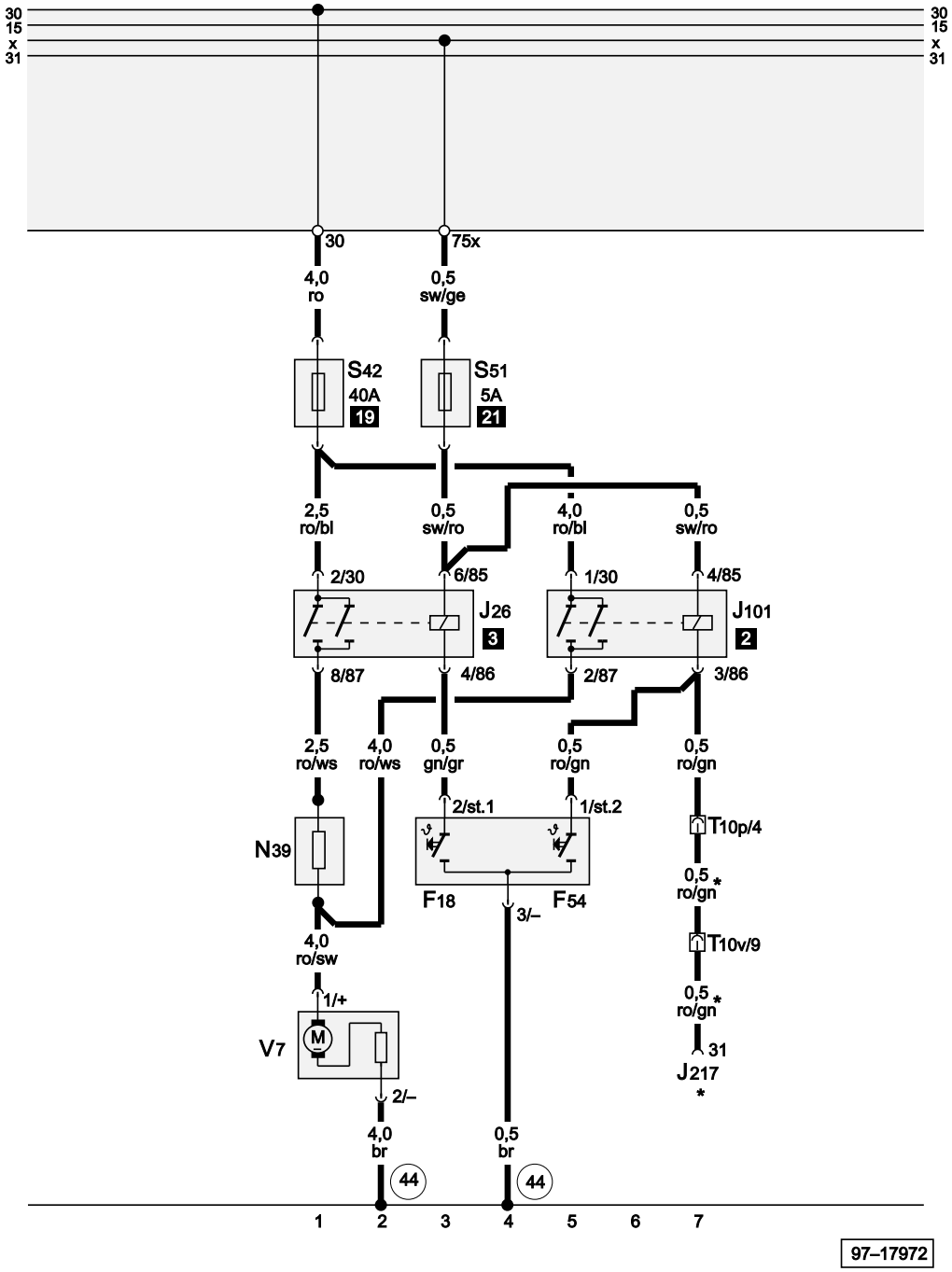
Position of relays:

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2 - Radiator fan relay (completely)
3 - Radiator fan relay 1st speed
19 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radiator fan control - 300 W (without air conditioner, not for 1.9 l TDI 81 kW, 4 cylinder)

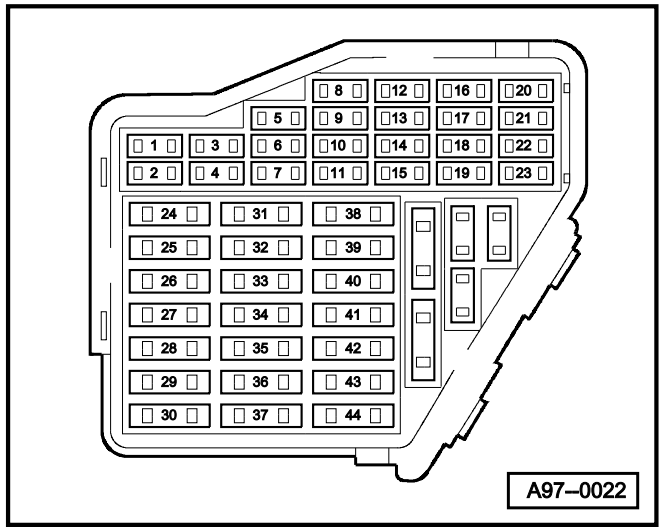
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay (maximum speed)
J217	Automatic gearbox control unit
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A-pillar
*	Only models with 1.9 l-TDI engine, 66 kW with automatic gearbox

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Radiator fan control - 80 W (without air conditioner), for 1.9 l TDI 81 kW, 4 cylinder

From model year 1996

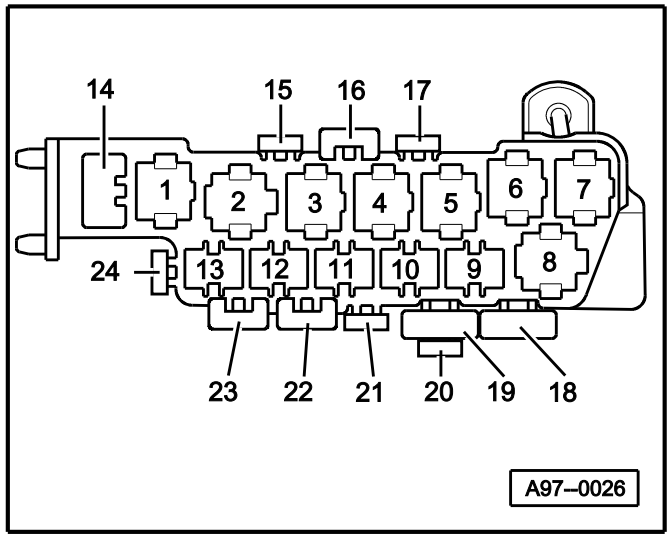
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



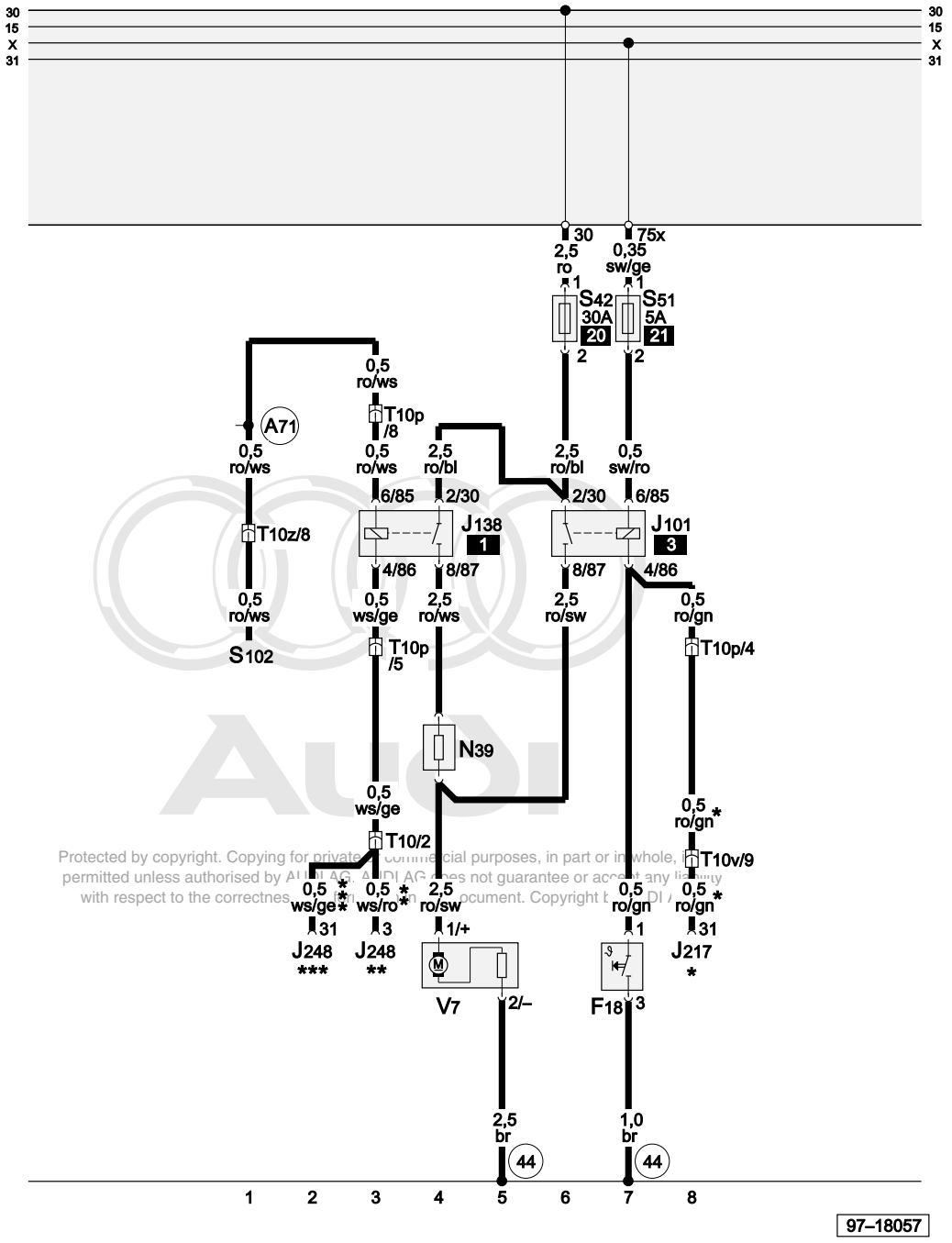
Position of relays:

1 - Relay for radiator fan run-on
3 - Relay for radiator fan (maximum speed)
20 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Radiator fan control - 80 W (without air conditioner), for 1.9 l TDI 81 kW, 4 cylinder

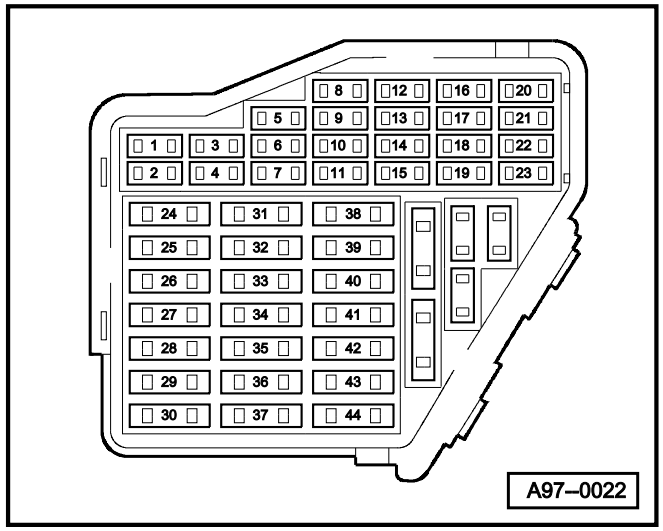
F18	Radiator fan thermo-switch
J101	Radiator fan relay (maximum speed)
J138	Radiator fan run-on relay
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
S102	Fuse for engine electrics (diesel)
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
V7	Radiator fan
44	Earth point, lower part of left A-pillar
A71	Connection (86), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Applicable up 1997 model year only
***	Applicable from model year 1998

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 300 W (without air conditioner), for 1.9 l TDI 81 kW, 4 cylinder

From model year 1996

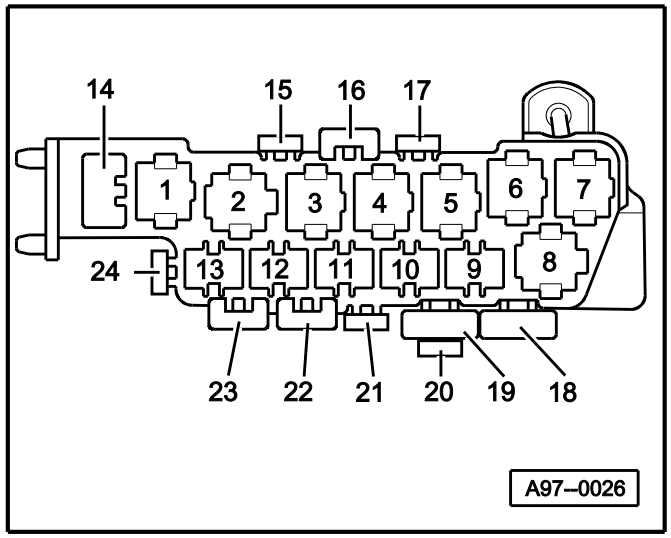
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



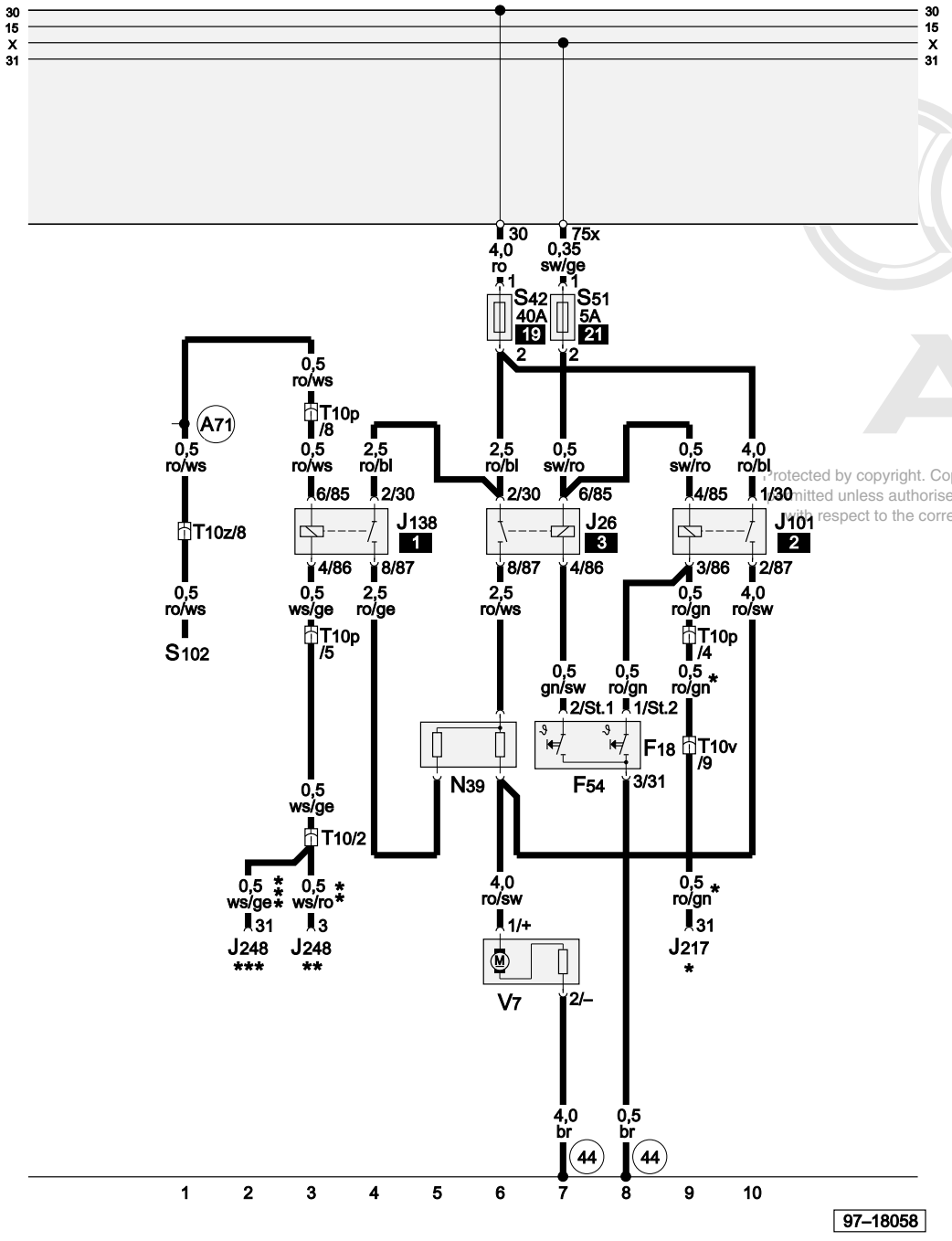
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Position of relays:

1 - Relay for radiator fan run-on
2 - Radiator fan relay (completely)
3 - Radiator fan 1. stage relay
19 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radiator fan control - 300 W (without air conditioner), for 1.9 l TDI 81 kW, 4 cylinder

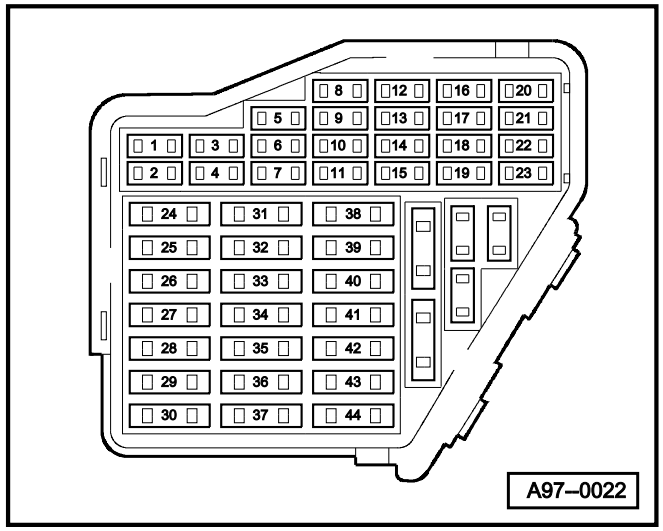
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay (maximum speed)
J138	Radiator fan run-on relay
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
S102	Fuse for engine electrics (diesel)
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
V7	Radiator fan
44	Earth point, lower part of left A-pillar
A71	Connection (86), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Applicable up 1997 model year
***	Applicable from model year 1998

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Radio Beta

From model year 1996

Fuse box:

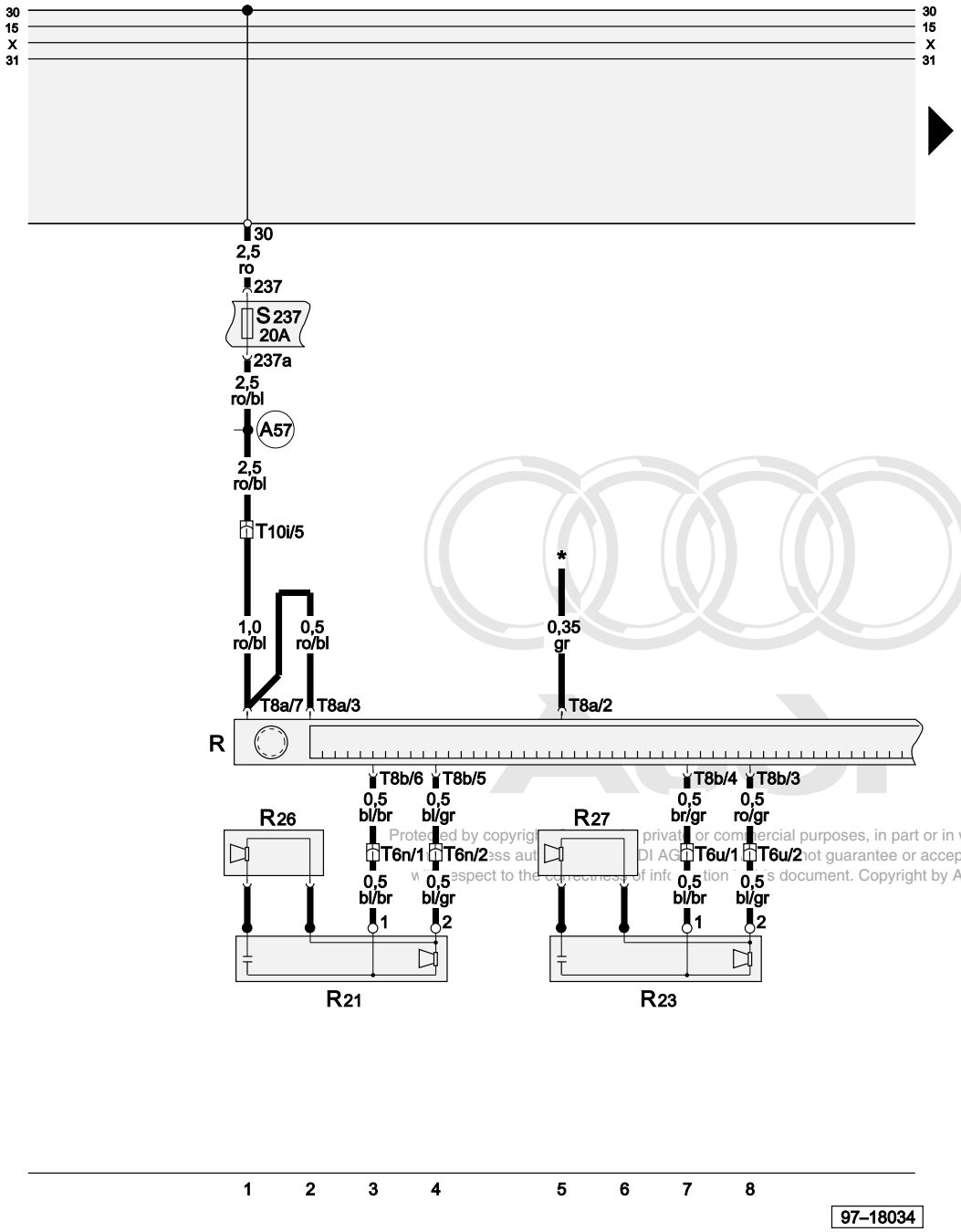


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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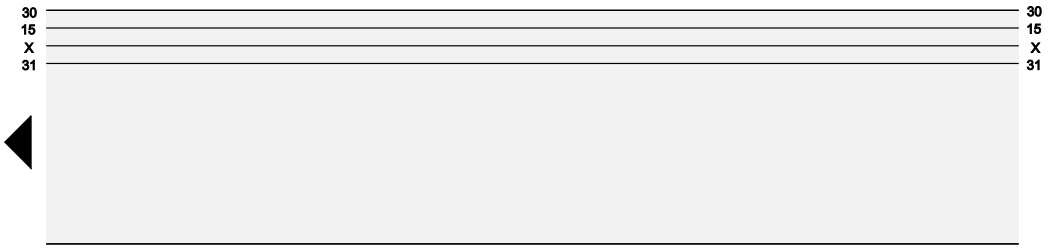


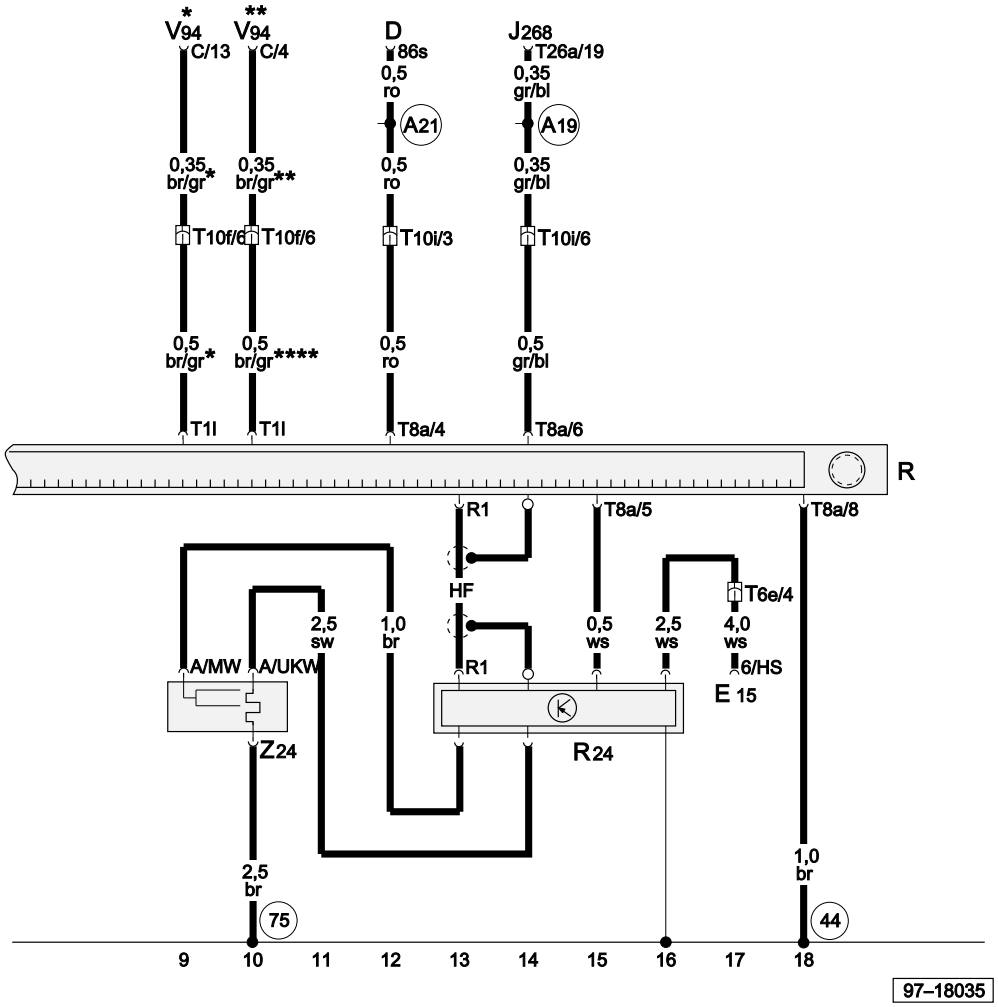
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Radio Beta

R	Radio
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, on radio
T8b	8-pin connector, brown, on radio
T10i	10-pin connector, black, in centre console
A57	Connection (30a), in dash panel wiring harness
*	Radio muting

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink





ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Beta

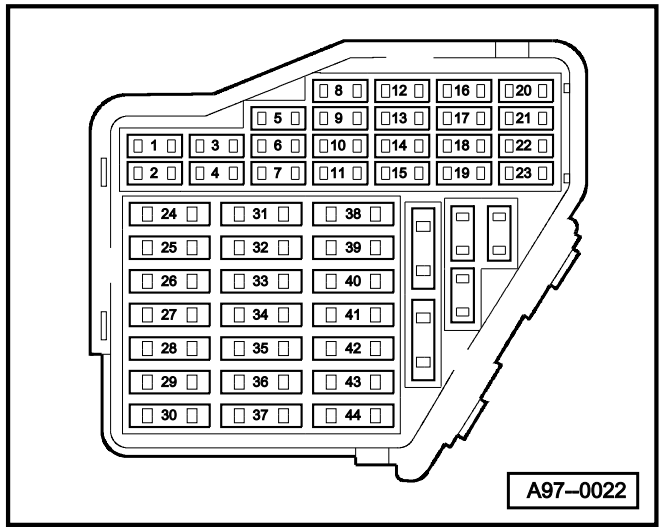
D	Ignition/starter switch
E15	Heated rear window switch
J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R24	Aerial amplifier
T1l	Single connector, brown, on radio
T6e	6-pin connector, blue, on radio
T8a	8-pin connector, black, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
Z24	Heated rear window with window aerial
44	Earth point, lower part of left A-pillar
75	Earth point, right rear pillar
A19	Connection (58d), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
*	Only models with anti-theft alarm system, applicable up model year 1996
**	Only models with anti-theft alarm system, applicable from model year 1997

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Radio Bose sound system

From model year 1996

Fuse box:

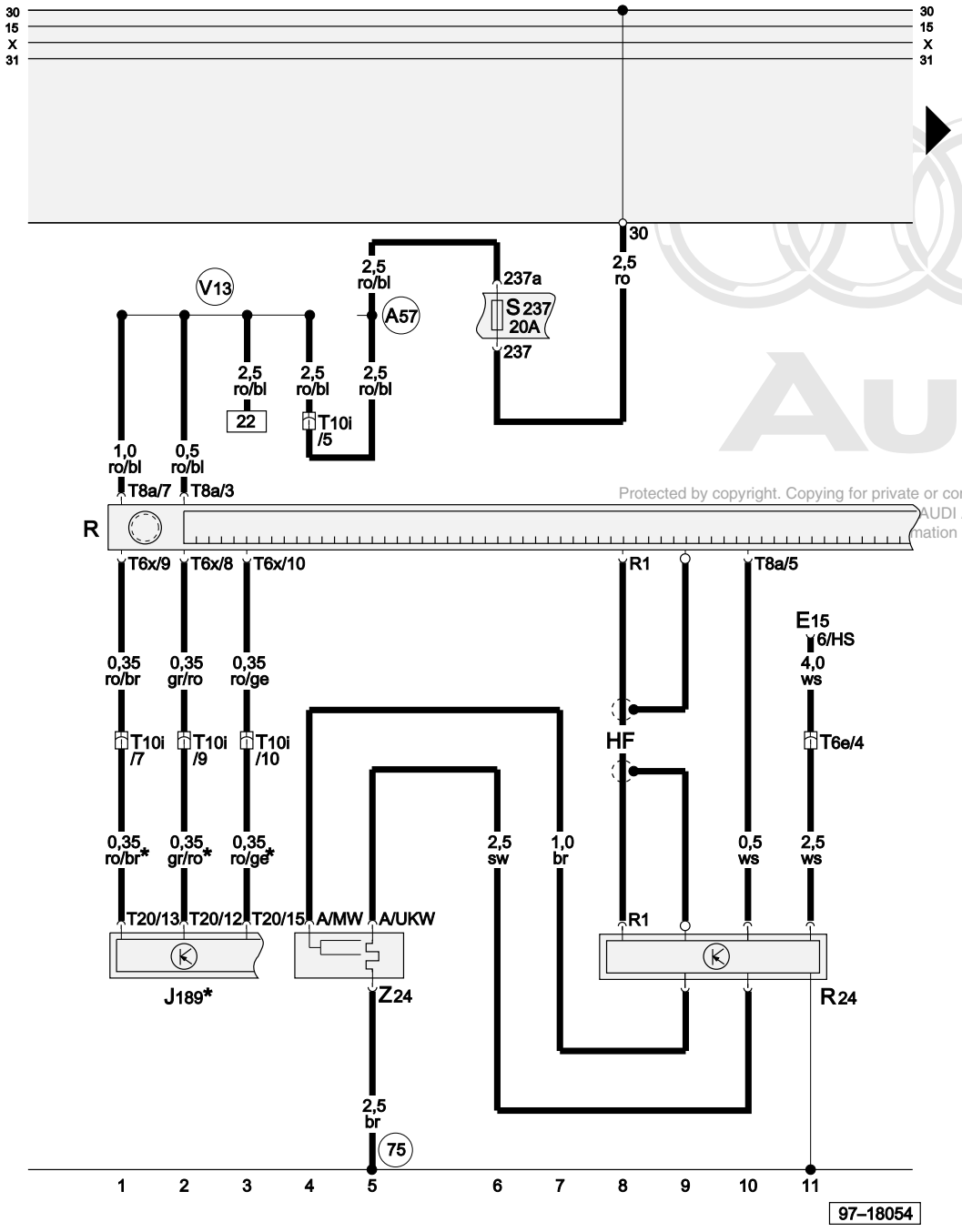


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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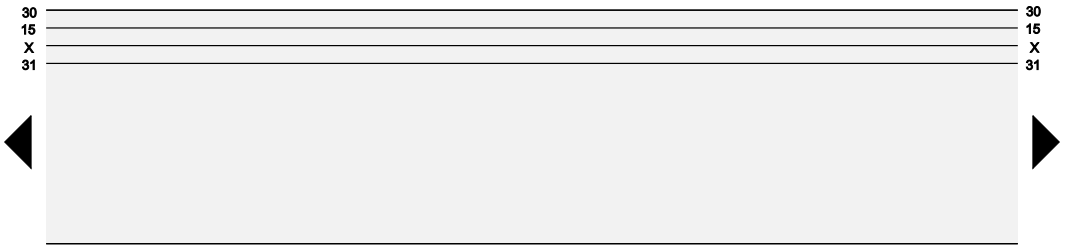
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

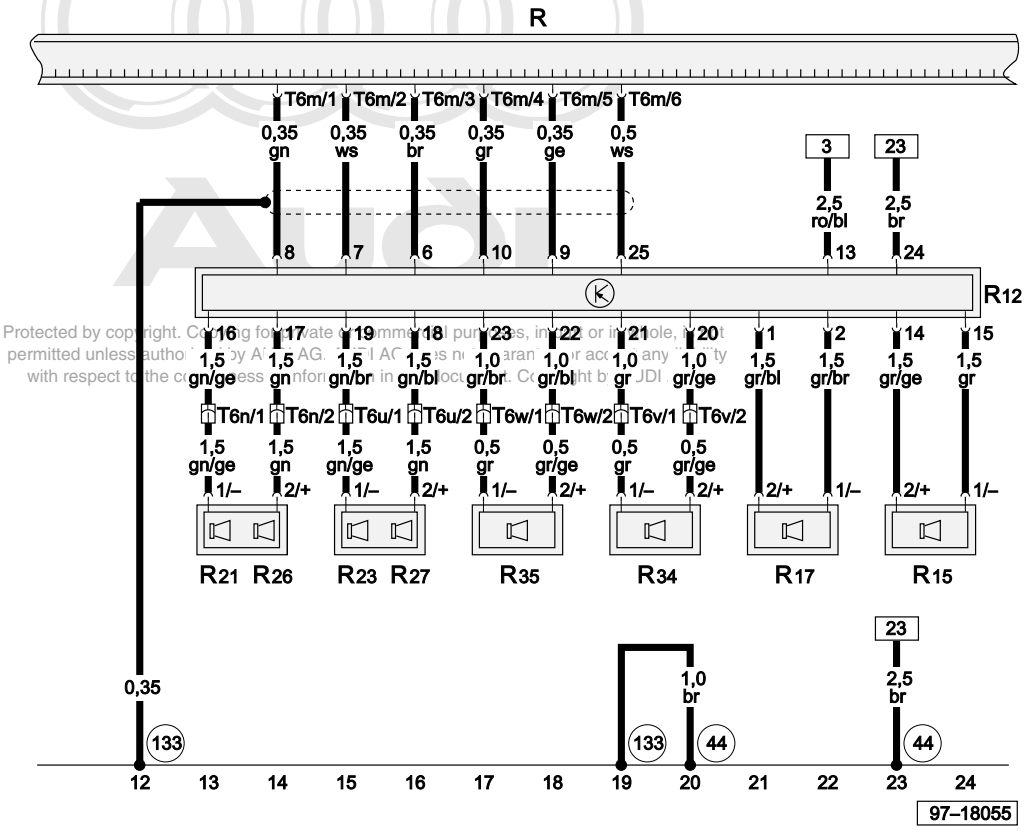
Radio Bose sound system

E15	Heated rear window switch
J189	Auto-check system
R	Radio
R1	Aerial connection
R24	Aerial amplifier
T6e	6-pin connector, blue, left connector point, A pillar
T6x	6-pin connector, green, on radio
T8a	8-pin connector, black, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on dash panel insert
Z24	Heated rear window with window aerial
75	Earth point, right rear pillar
A57	Connection (30a), in dash panel wiring harness
V13	Positive (+) connection (30), in loudspeaker wiring harness

* Only models with auto-check system Note: For CD changer see Current Flow Diagram: 'Radio Gamma, radio Delta, with CD changer'

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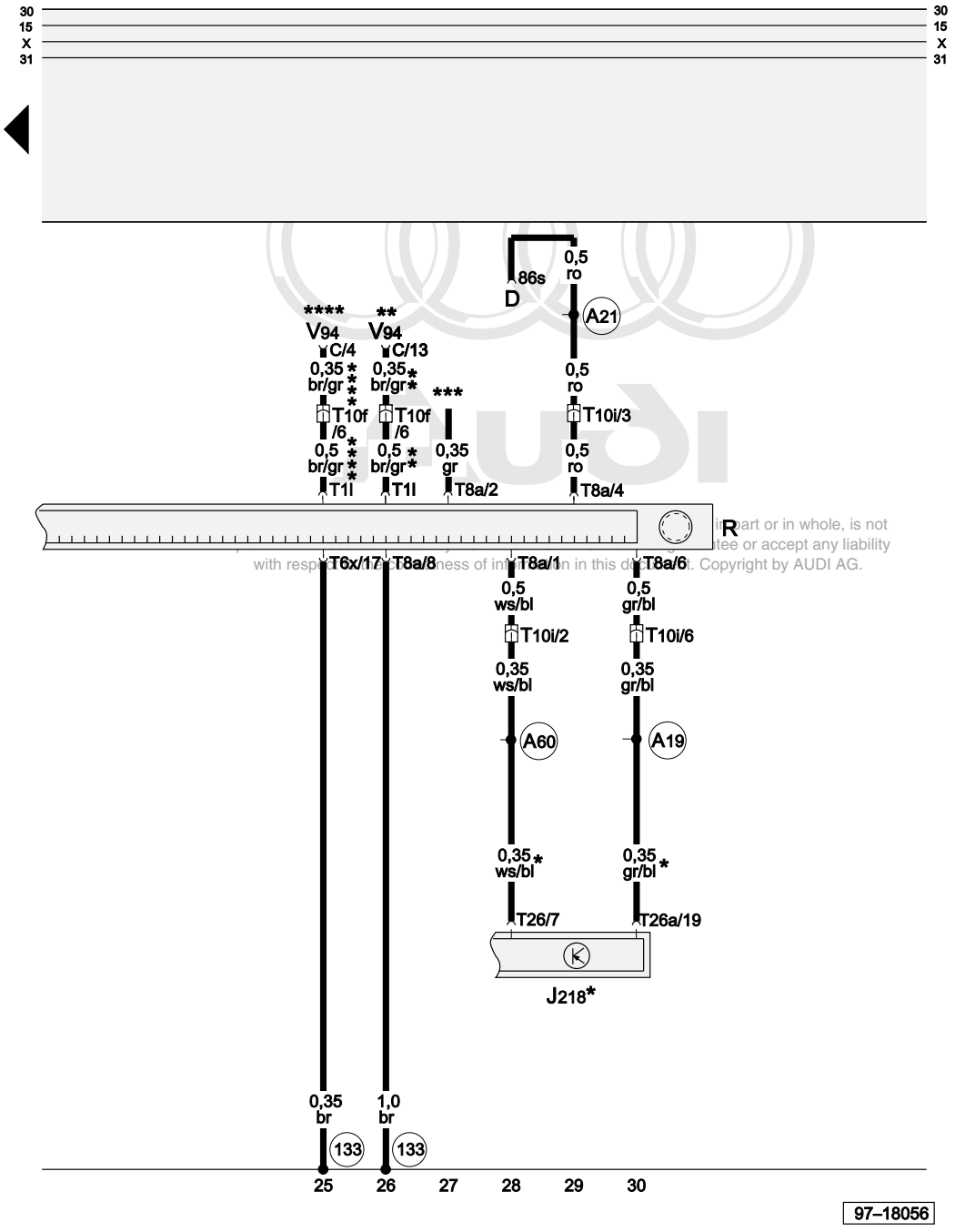


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Radio Bose sound system

R	Radio
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R34	Middle-high tone loudspeaker, rear left
R35	Middle-high tone loudspeaker, rear right
T6m	6-pin connector, yellow, on radio
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T6v	6-pin connector, yellow, at B pillar, left
T6w	6-pin connector, yellow, at B pillar, right
44	Earth point, lower part of left A-pillar
133	Earth point, in loudspeaker wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

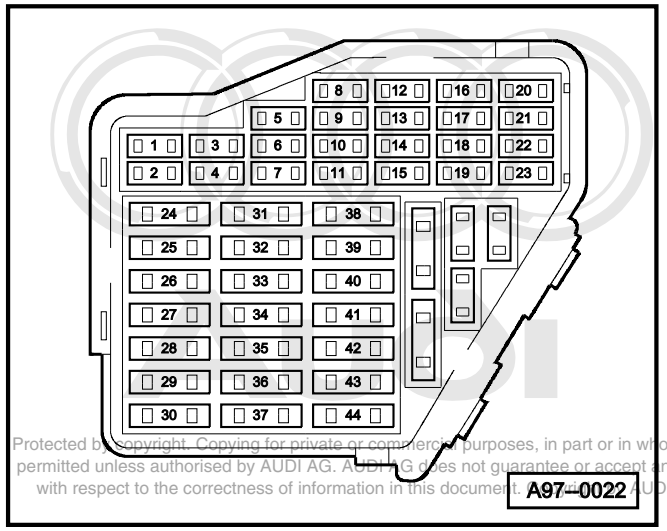
Radio Bose sound system

D	Ignition/starter switch
J218	Combi-processor in dash panel insert
R	Radio
T1l	Single connector, brown, on radio
T6x	6-pin connector, green, on radio
T8a	8-pin connector, black, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
133	Earth point, in loudspeaker wiring harness
A19	Connection (58d), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
*	Only with mini-check system
**	Only models with anti-theft alarm system, applicable up model year 1996
***	Radio muting
****	Only models with anti-theft alarm system, applicable from model year 1997

Headlight washer system

From model year 1996

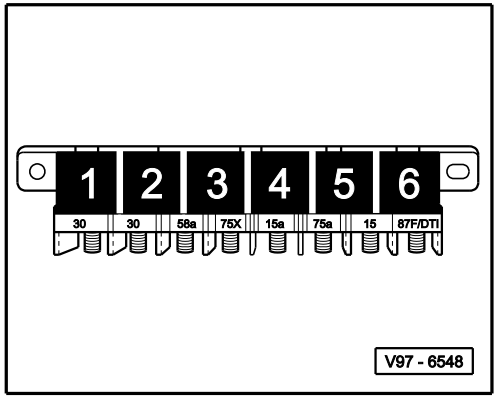
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



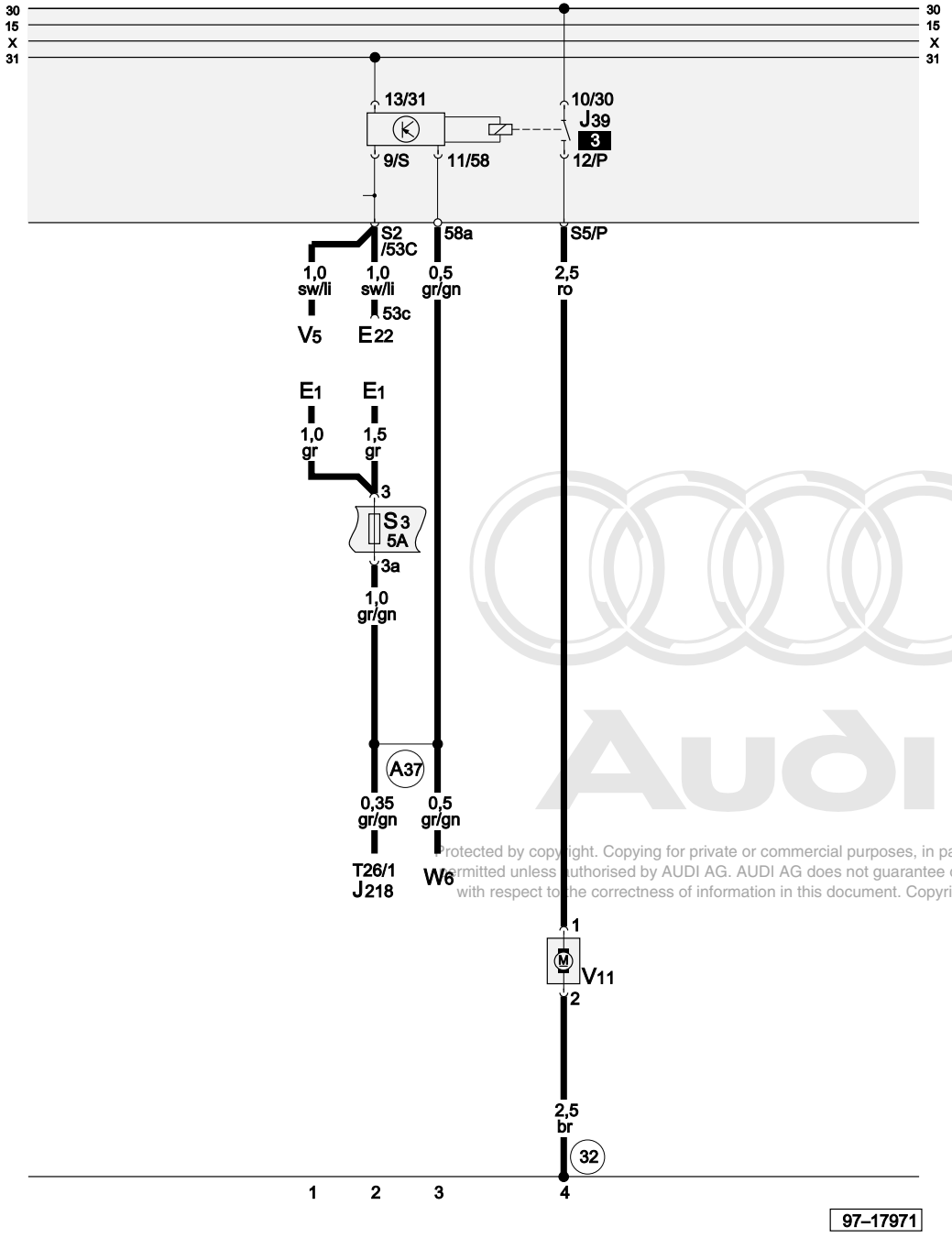
Position of relays:

3 - Headlight washer system relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

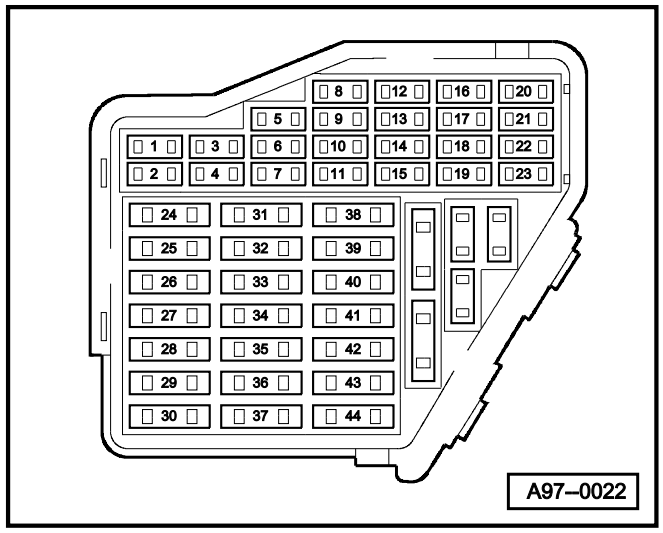
Headlight washer system

E1	Lighting switch
E22	Intermittent wiper switch
J39	Headlight washer system relay
J218	Combi-processor in dash panel insert
T26	26-pin connector, yellow, on dash panel insert
V5	Windscreen washer pump
V11	Headlight washer system pump
W6	Glove box light
32	Earth point, behind dash panel, left
A37	Connection (58a), in dash panel wiring harness

Central locking system with interior lights switch-off delay, infra-red receiver and anti-theft alarm system with interior monitoring

From 1996 model year

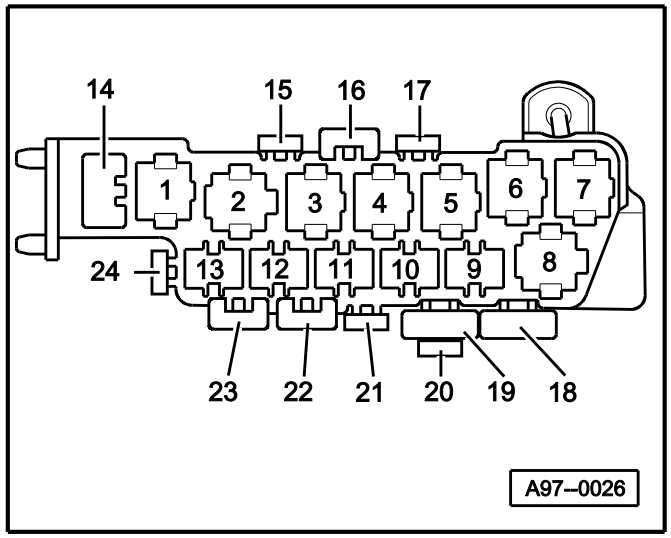
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



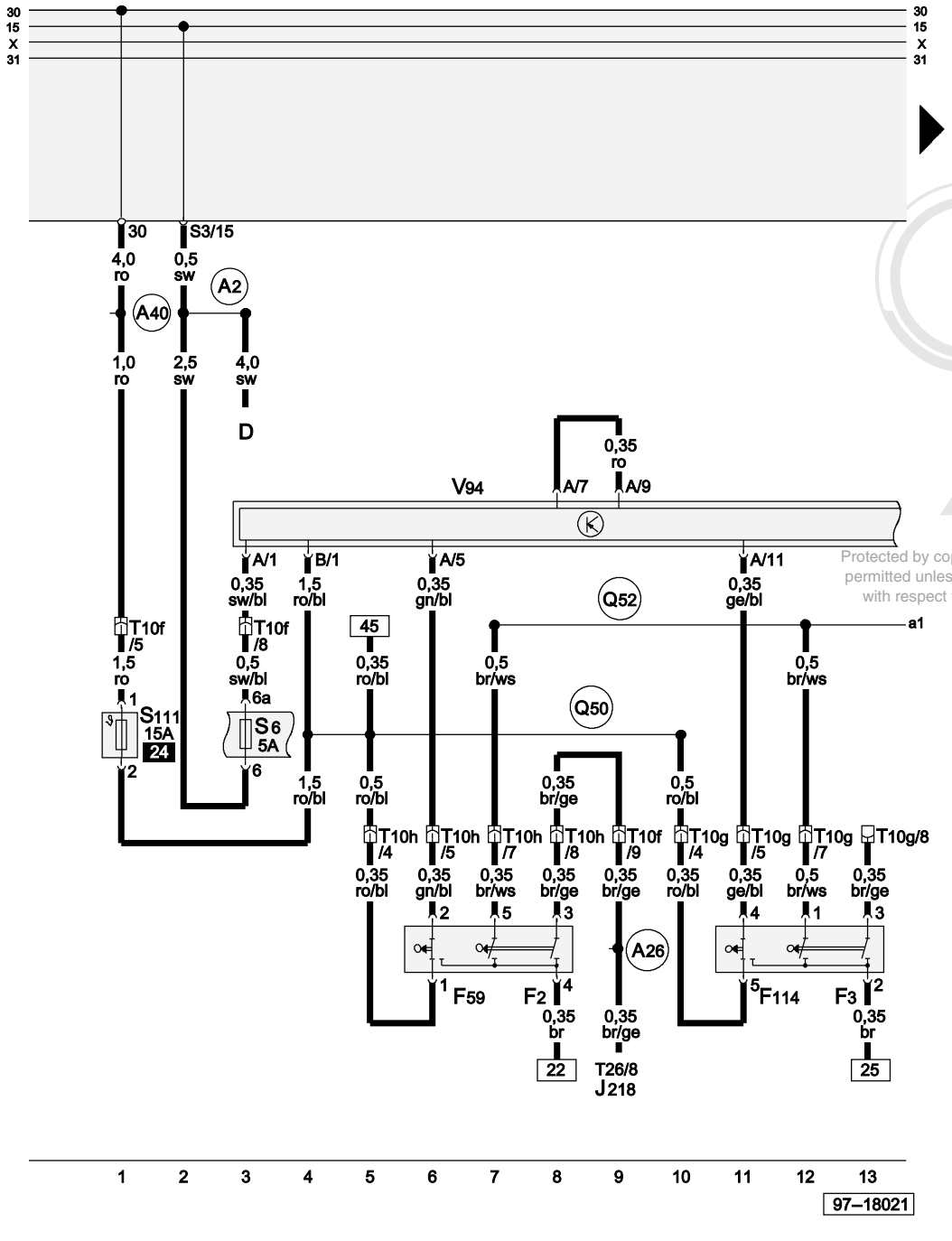
Position of fuses:

24 - Fuse for anti-theft alarm system and immobilizer, central locking

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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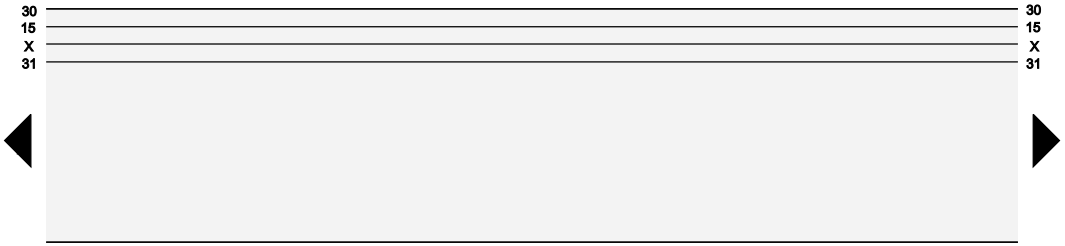


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Central locking system with interior lights switch-off delay, infrared receiver and anti-theft alarm system with interior monitoring

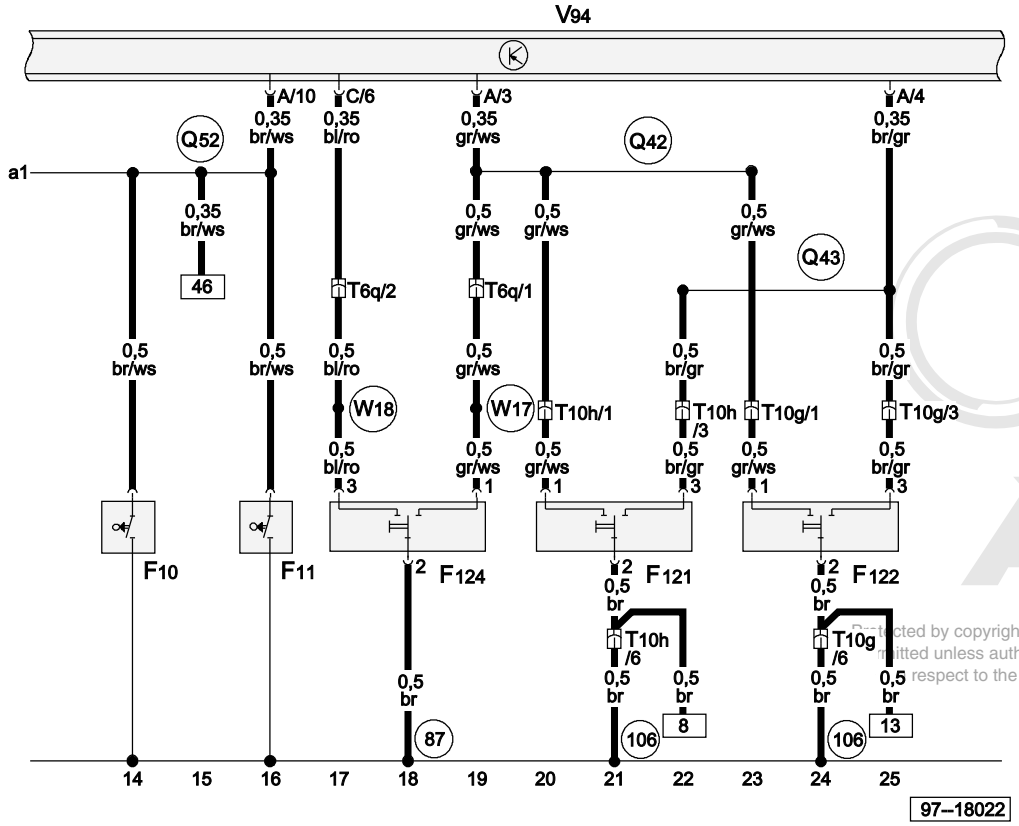
D	Ignition/starter switch
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F59	Central locking switch (driver's side)
F114	Central locking switch (front passenger's side)
J218	Combi-processor in dash panel insert
S6	Fuse in fuse box/relay plate
S111	Fuse for anti-theft alarm system and immobilizer, central locking
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
Q50	Connection (30a), in anti-theft alarm system wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness

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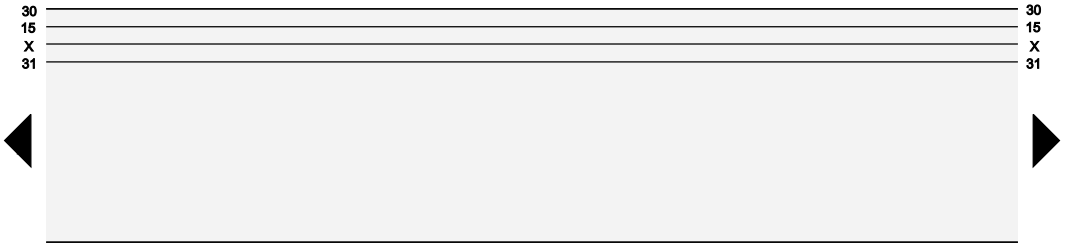
Central locking system with interior lights switch-off delay, infra-red reciver and anti-theft alarm system with interior monitoring

F10	Rear left door contact switch
F11	Rear right door contact switch
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
F124	Contact switch in lock cylinder
T6q	6-pin connector, purple, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
87	Earth connection -2-, in rear wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
W17	Connection (lock cylinder open), in rear wiring harness
W18	Connection (lock cylinder closed), in rear wiring harness



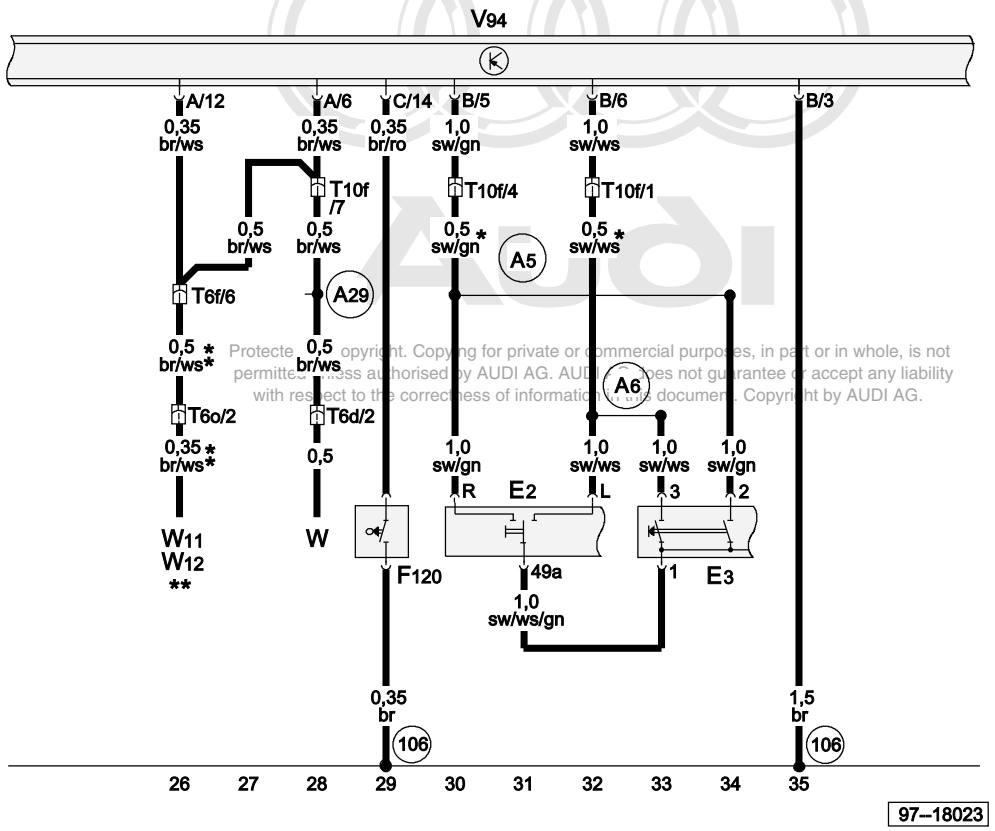
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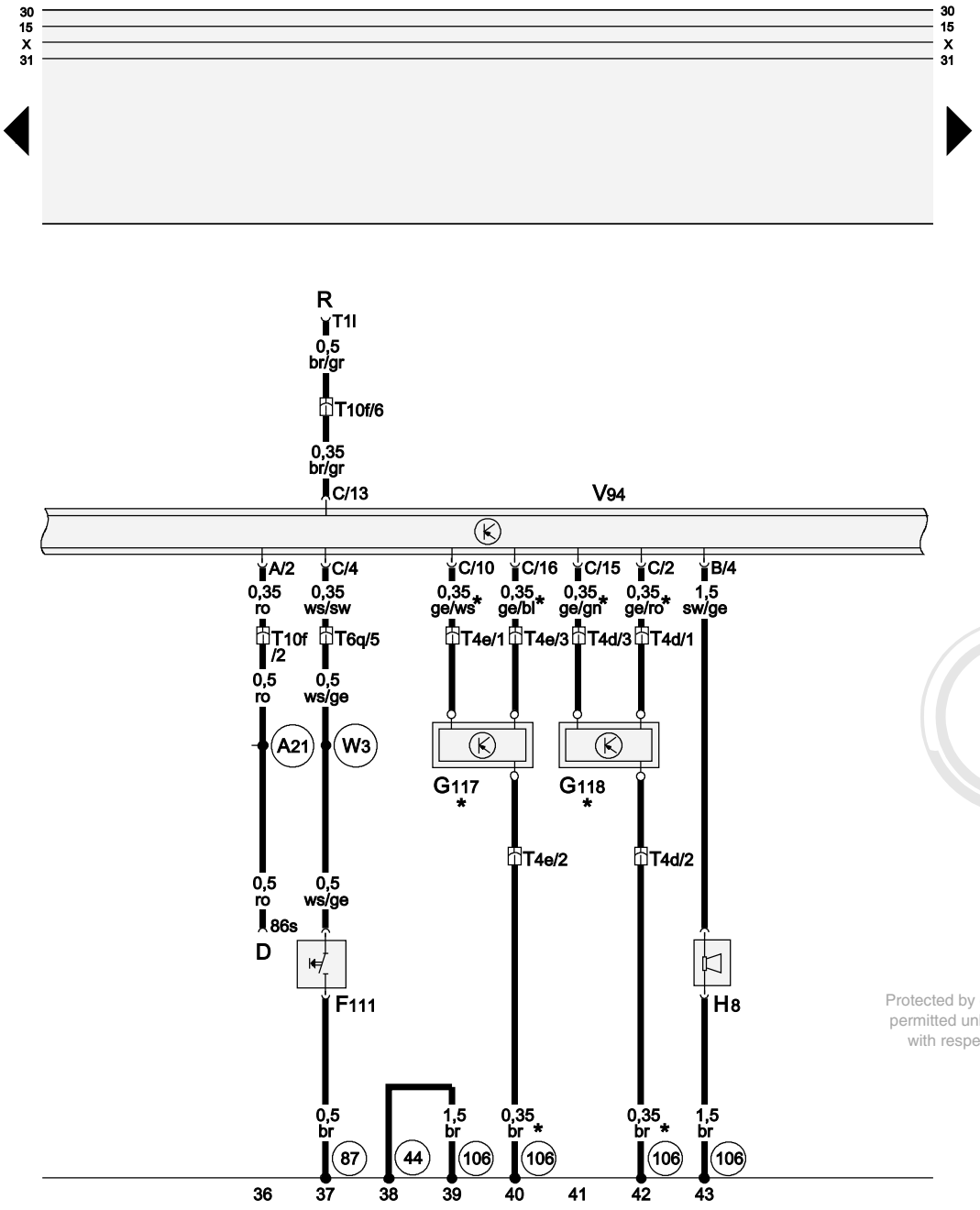
Central locking system with interior lights switch-off delay, infra-red reciver and anti-theft alarm system with interior monitoring

E2	Turn signal switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T6d	6-pin connector, brown, left connector point, A pillar
T6f	6-pin connector, orange, right connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W11	Reading lamp, rear left
W12	Reading lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
*	Applies to Swiss export version
**	Only models with reading lamps



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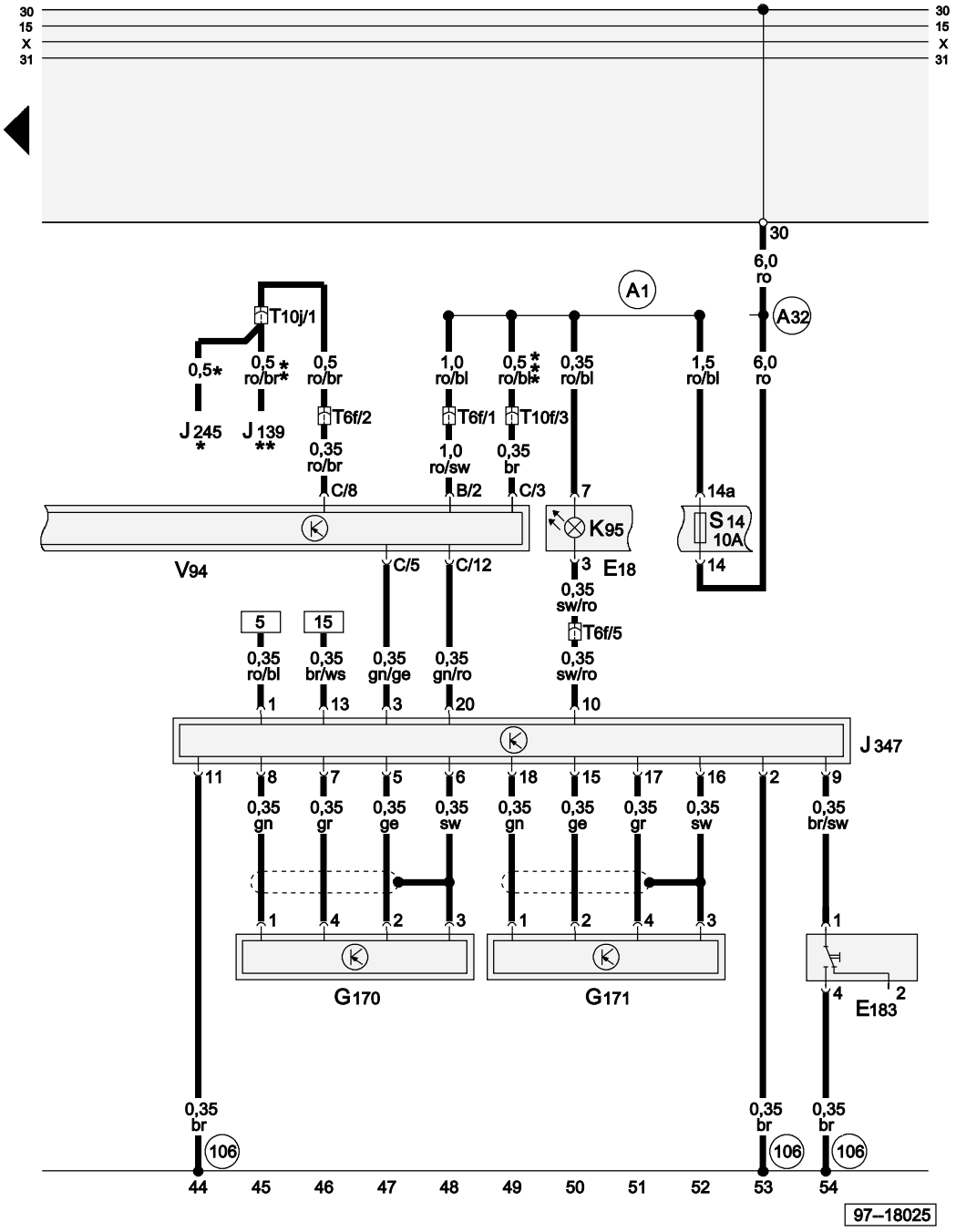


Central locking system with interior lights switch-off delay, infra-red receiver and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
F111	Rear lid contact switch
G117	Central locking infra-red sensor, left
G118	Central locking infra-red sensor, right
H8	Anti-theft alarm system horn
R	Radio
T1l	Single connector, brown, on radio
T4d	4-pin connector, black, at B pillar, right
T4e	4-pin connector, black, at B pillar, left
T6q	6-pin connector, purple, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A pillar
87	Earth connection -2-, in rear wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
A21	Connection (86s), in dash panel wiring harness
W3	Connection, in rear wiring harness
*	Only applies to models with infra-red remote control

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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink



Central locking system with interior lights switch-off delay, infra-red receiver and anti-theft alarm system with interior monitoring

E18	Rear fog light switch
E183	Interior monitor switch
G170	Left ultra-sonic sensor for anti-theft alarm system
G171	Right ultra-sonic sensor for anti-theft alarm system
J139	Control unit for electric windows and sliding sunroof
J245	Sliding sunroof adjustment control unit
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
S14	Fuse in fuse box/relay plate
T6f	6-pin connector, orange, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
*	Only applies to models with sliding sunroof
**	Only applies to models with electric windows
***	Only applies to Swiss export version

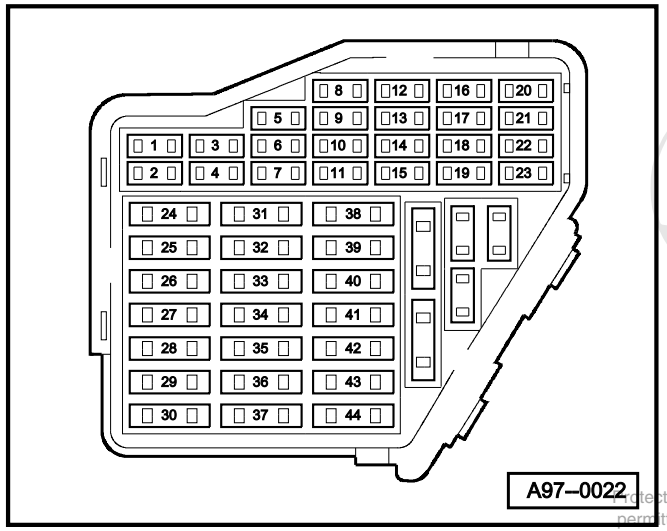
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rs	=	pink

Immobilizer

From model year 1996

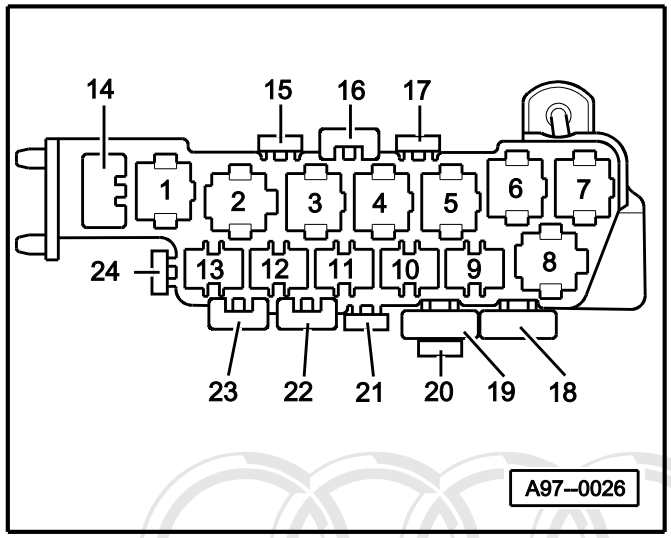
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



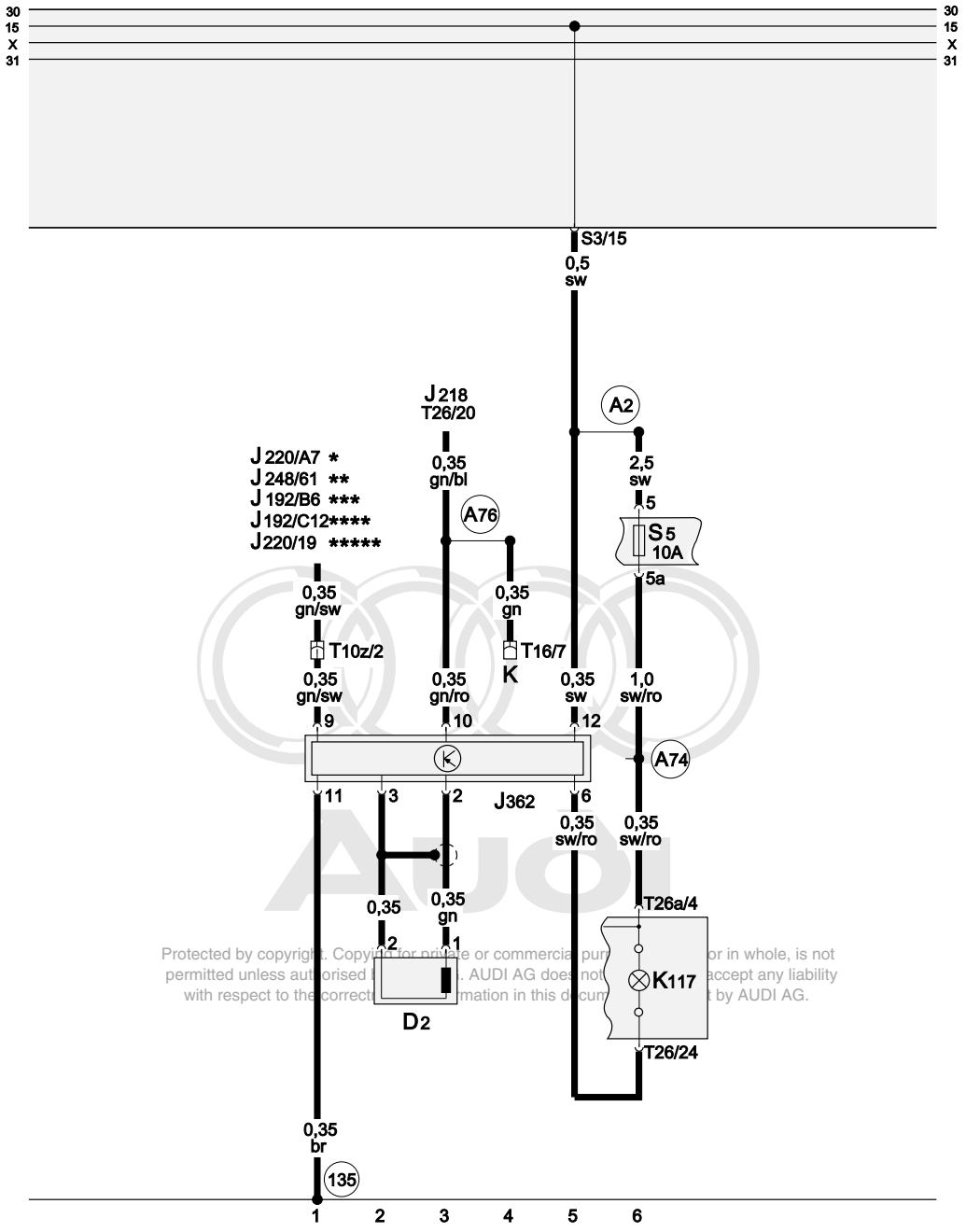
Position of relays:

1 - Relay for radiator fan run-on
3 - Radiator fan relay (completely)
20 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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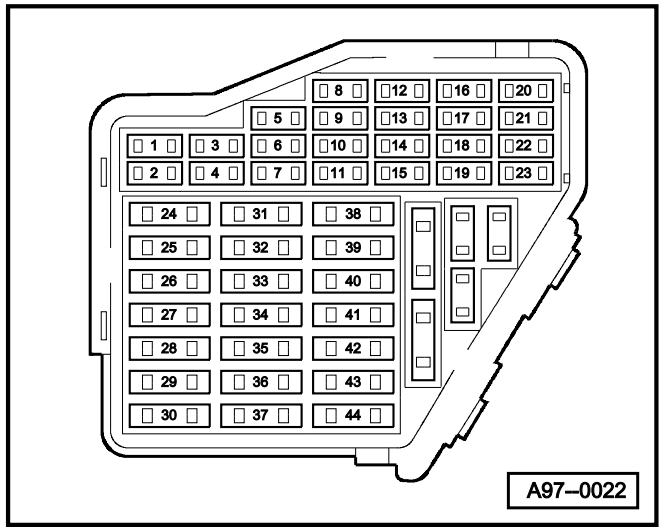
Immobilizer

D2	Immobilizer reading coil
J192	Multi-point injection control unit
J218	Combi-processor in dash panel insert
J220	Motronic control unit
J248	Diesel direct injection system control unit
J362	Immobilizer control unit
K117	Immobilizer warning lamp
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, in centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with 4 cylinder fuel injection engines
**	Only models with 1.9 l TDI
***	Only models with 2.6 l MPI 110 kW, 6 cylinder
****	Only models with 2.8 l MPI 128 kW, 6 cylinder
*****	Only models with 2.8 l Motronic (5V) 142 kW, 6 cylinder

Radio Gamma- Delta sound system with CD changer, Audi Avant

From model year 1996

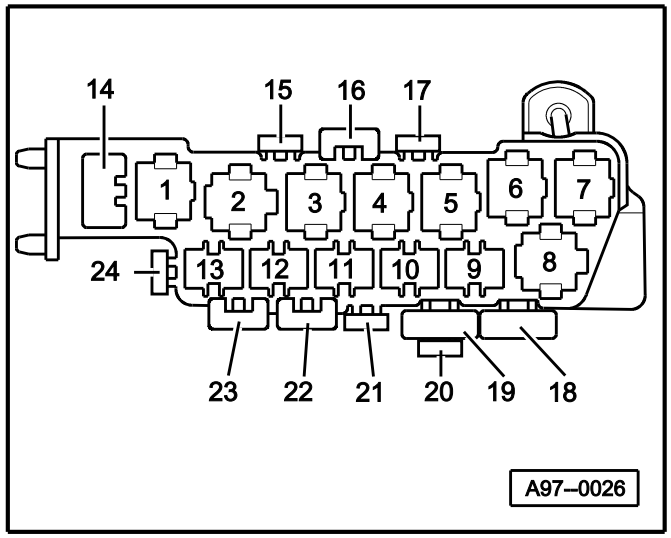
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



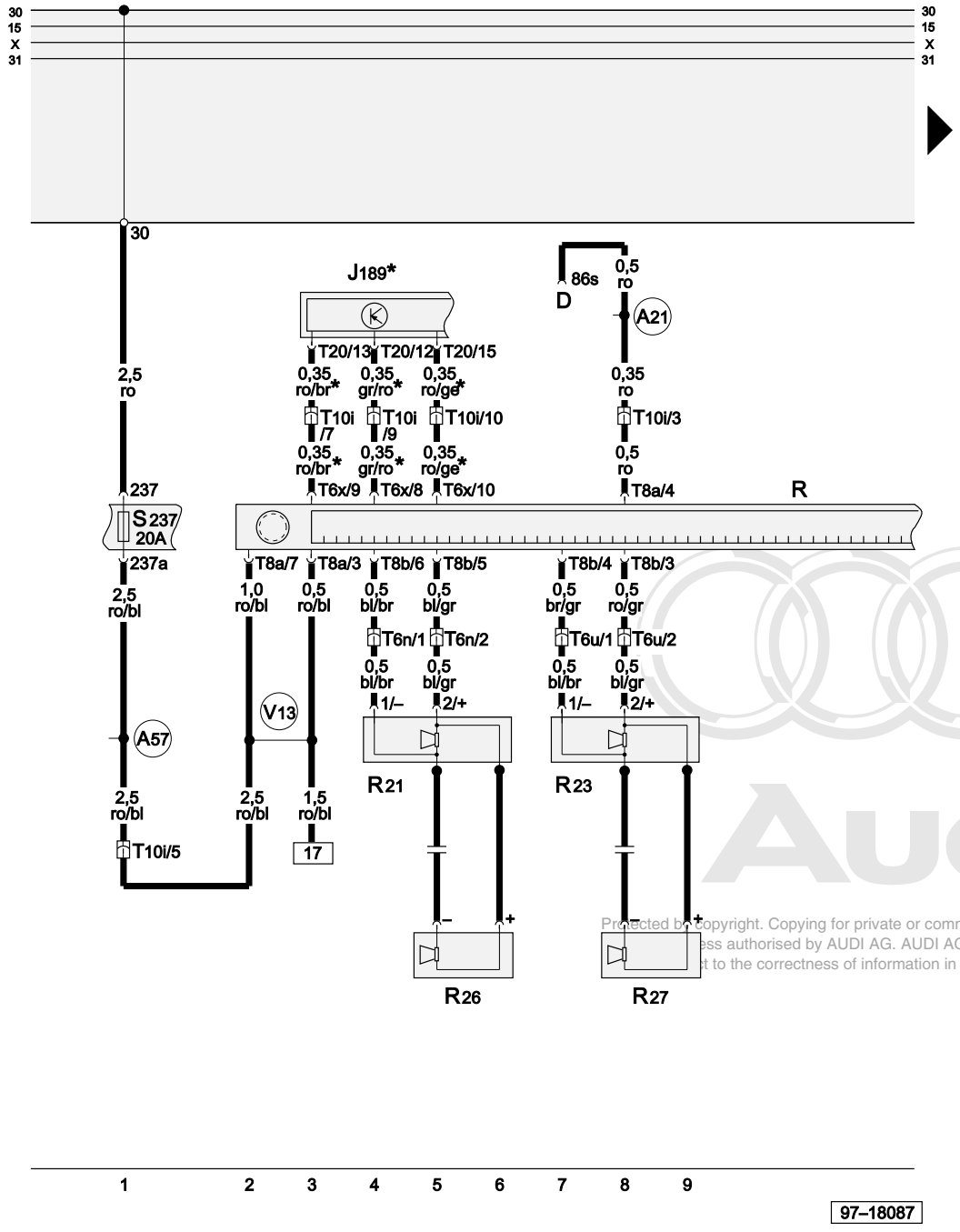
Position of relays:

7 - Telephone isolation relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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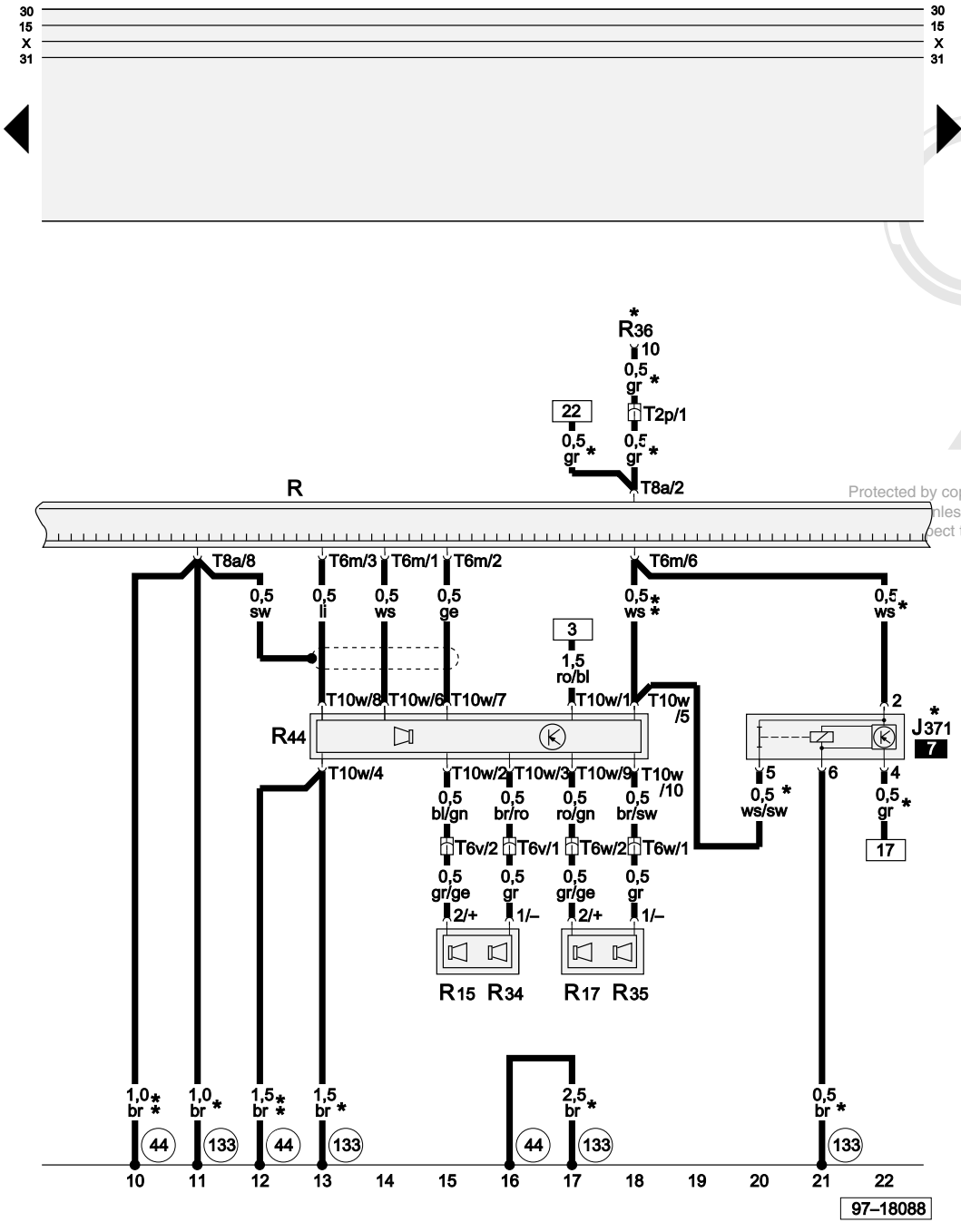


Radio Gamma- Delta sound system with CD changer, Audi Avant

D	Ignition/starter switch
J189	Auto-check system
R	Radio
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T6x	6-pin connector, green, on radio
T8a	8-pin connector, black, on radio
T8b	8-pin connector, brown, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on dash panel insert
A21	Connection (86s), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
V13	Positive (+) connection (30), in loudspeaker wiring harness
*	Only models with auto-check system

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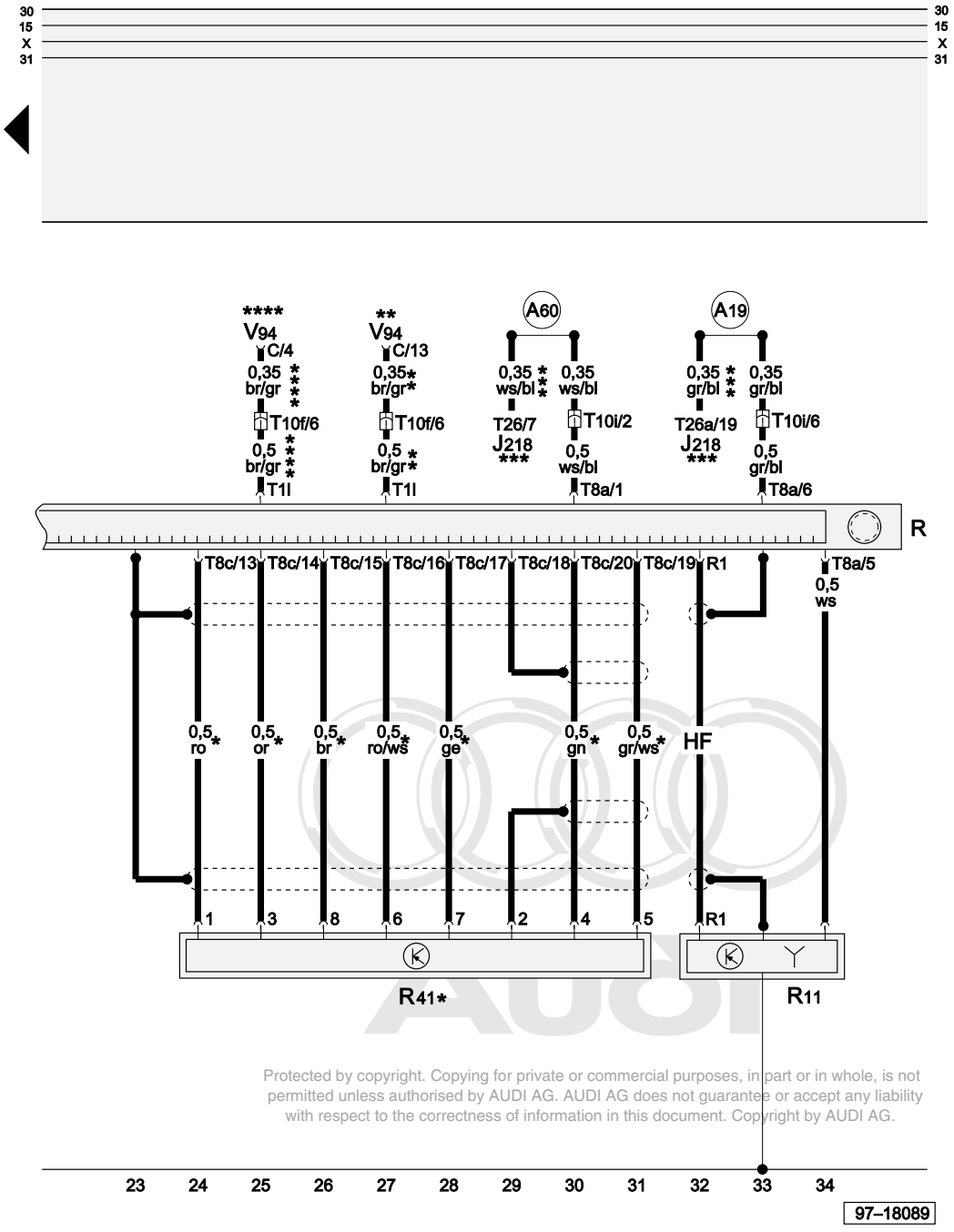


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gr = grey
li = purple
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rs = pink

Radio Gamma- Delta sound system with CD changer, Audi Avant

J371	Telephone isolation relay
R	Radio
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-high tone loudspeaker, rear left
R35	Middle-high tone loudspeaker, rear right
R36	Telephone transmitter and receiver unit
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T2p	2-pin connector, on radio
T6m	6-pin connector, yellow, on radio
T6v	6-pin connector, yellow, at B pillar, left
T6w	6-pin connector, yellow, at B pillar, right
T8a	8-pin connector, black, on radio
T10w	10-pin connector, red, in luggage compartment, left
(44)	Earth point, lower part of left A-pillar
(133)	Earth point, in loudspeaker wiring harness
*	Only models with D-network telephone
**	Does not apply to models with D-network telephone

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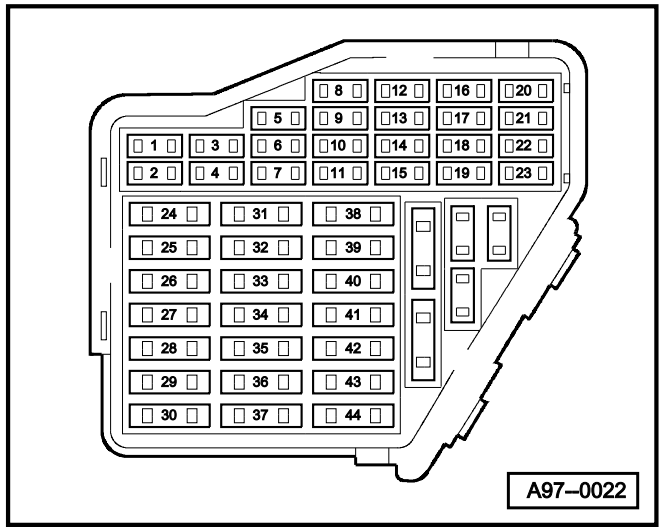
Radio Gamma- Delta sound system with CD changer, Audi Avant

J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R11	Roof aerial
R41	CD changer
T1l	Single connector, brown, on radio
T8a	8-pin connector, black, on radio
T8c	8-pin connector, blue, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed), in dash panel wiring harness
*	Only models with radio-delta
**	Only models with anti-theft alarm system, applicable up model year 1996
***	Does not auto-check system
****	Only models with anti-theft alarm system, applicable from model year 1997

Radio Beta, Audi Avant

From model year 1996

Fuse box:

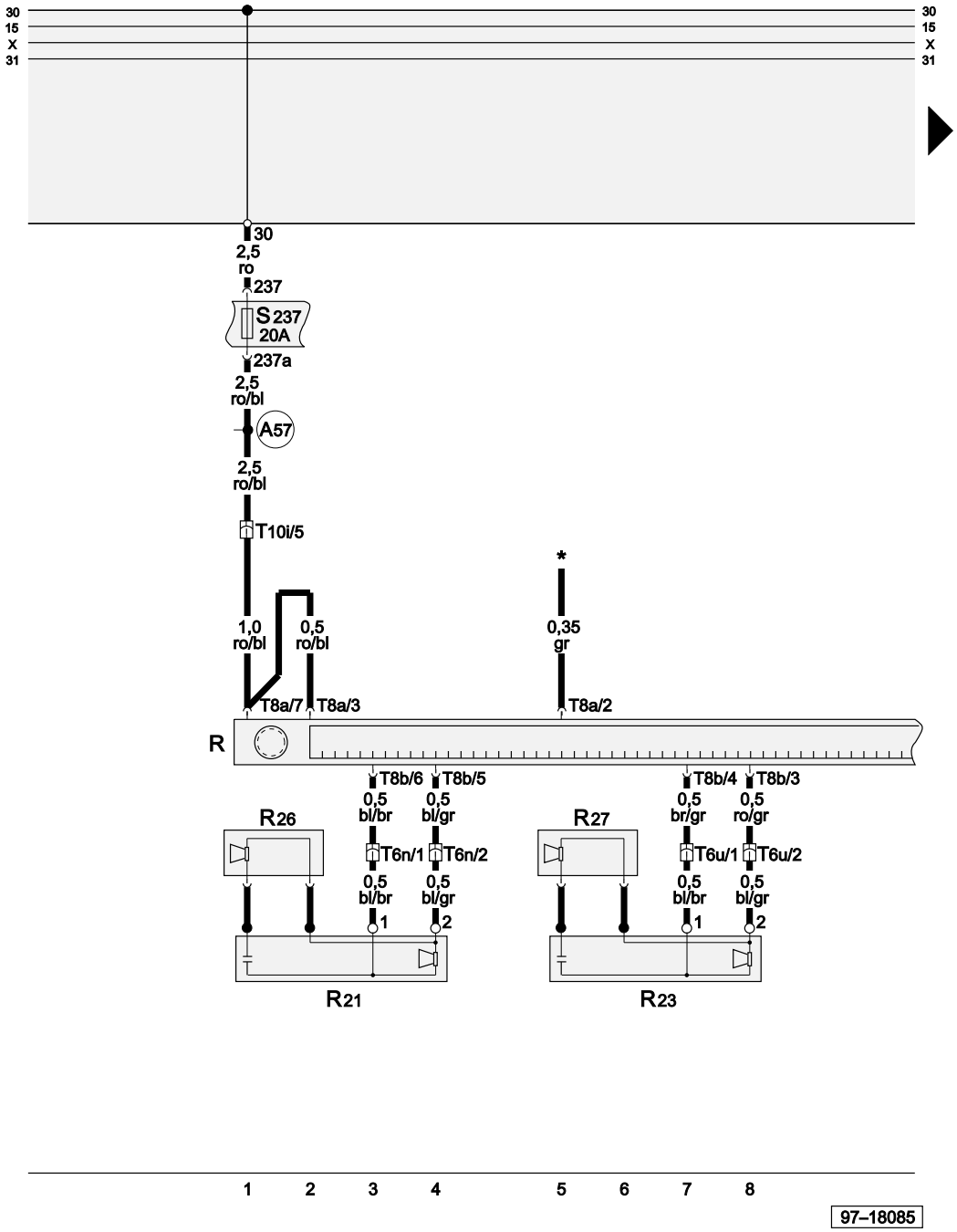


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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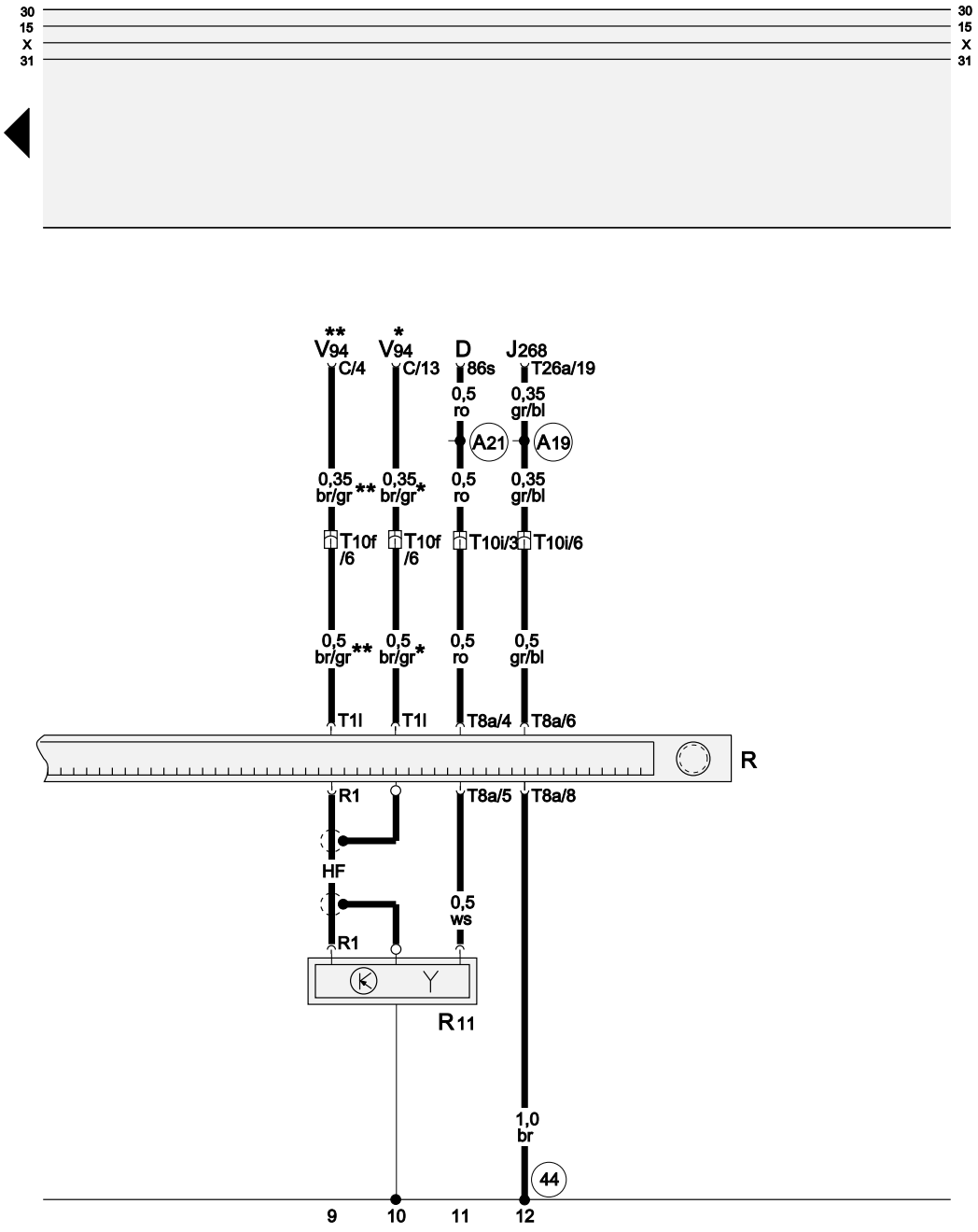


Radio Beta, Audi Avant

R	Radio
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, on radio
T8b	8-pin connector, brown, on radio
T10i	10-pin connector, black, in centre console
A57	Connection (30a), in dash panel wiring harness
*	Radio muting

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio Beta, Audi Avant

D	Ignition/starter switch
J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R11	Roof aerial
T1l	Single connector, brown, on radio
T8a	8-pin connector, black, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A-pillar
A19	Connection (58d), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
*	Only models with anti-theft alarm system, applicable up model year 1996
**	Only models with anti-theft alarm system, applicable from model year 1997

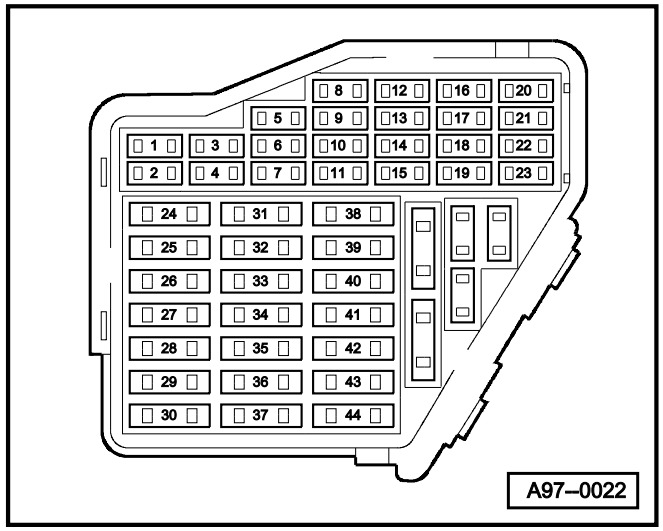
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Radio Bose sound system, Audi Avant

From model year 1996

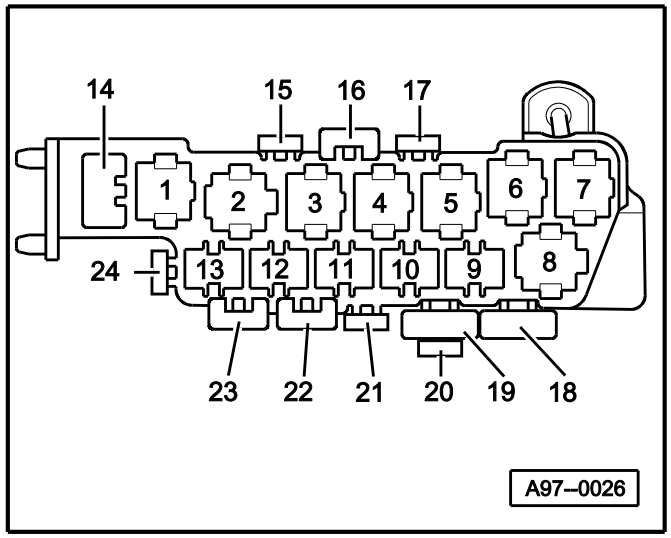
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



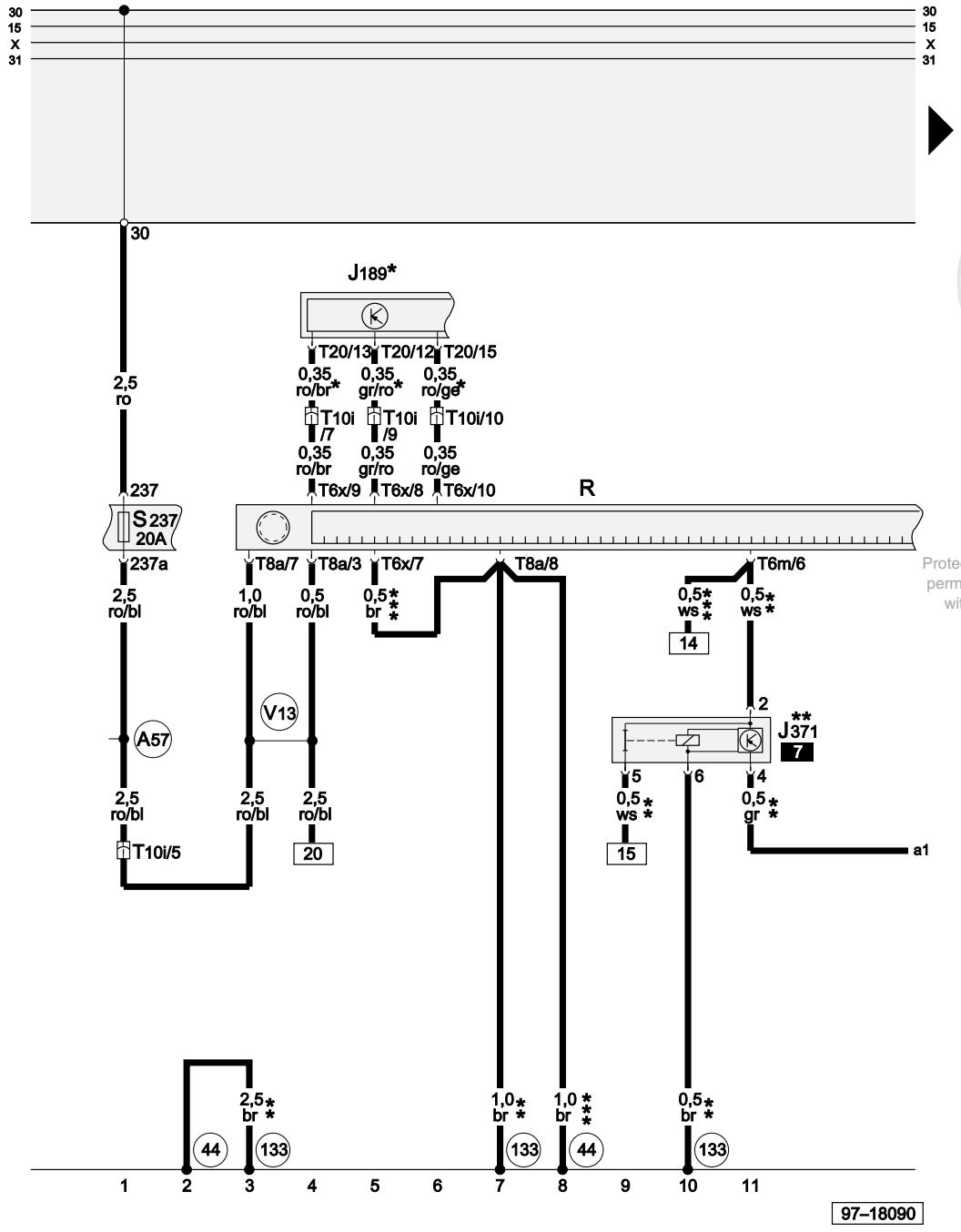
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Position of relays:

7 - Telephone isolation relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

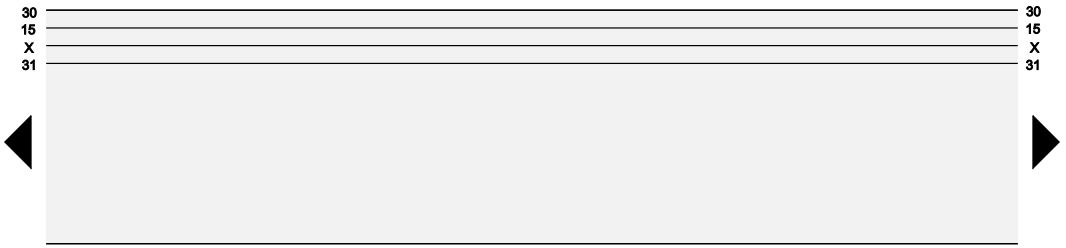


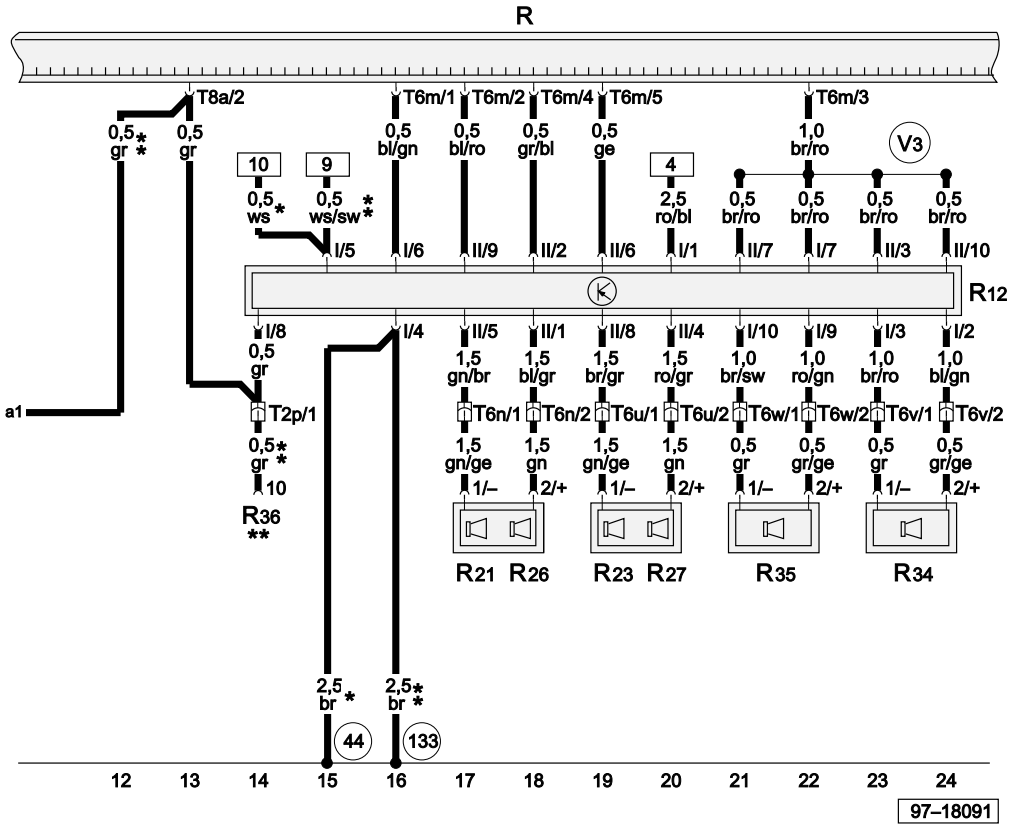
Radio Bose sound system, Audi Avant

J189	Auto-check system
J371	Telephone isolation relay
R	Radio
T6m	6-pin connector, yellow, on radio
T6x	6-pin connector, green, on radio
T8a	8-pin connector, black, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on dash panel insert
44	Earth point, lower part of left A-pillar
133	Earth connection, in loudspeaker wiring harness
A57	Connection (30a), in dash panel wiring harness
V13	Positive (+) connection (30), in loudspeaker wiring harness
*	Only models with auto-check system
**	Only models with D-network telephone
***	Does not apply to models with D-network telephone

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



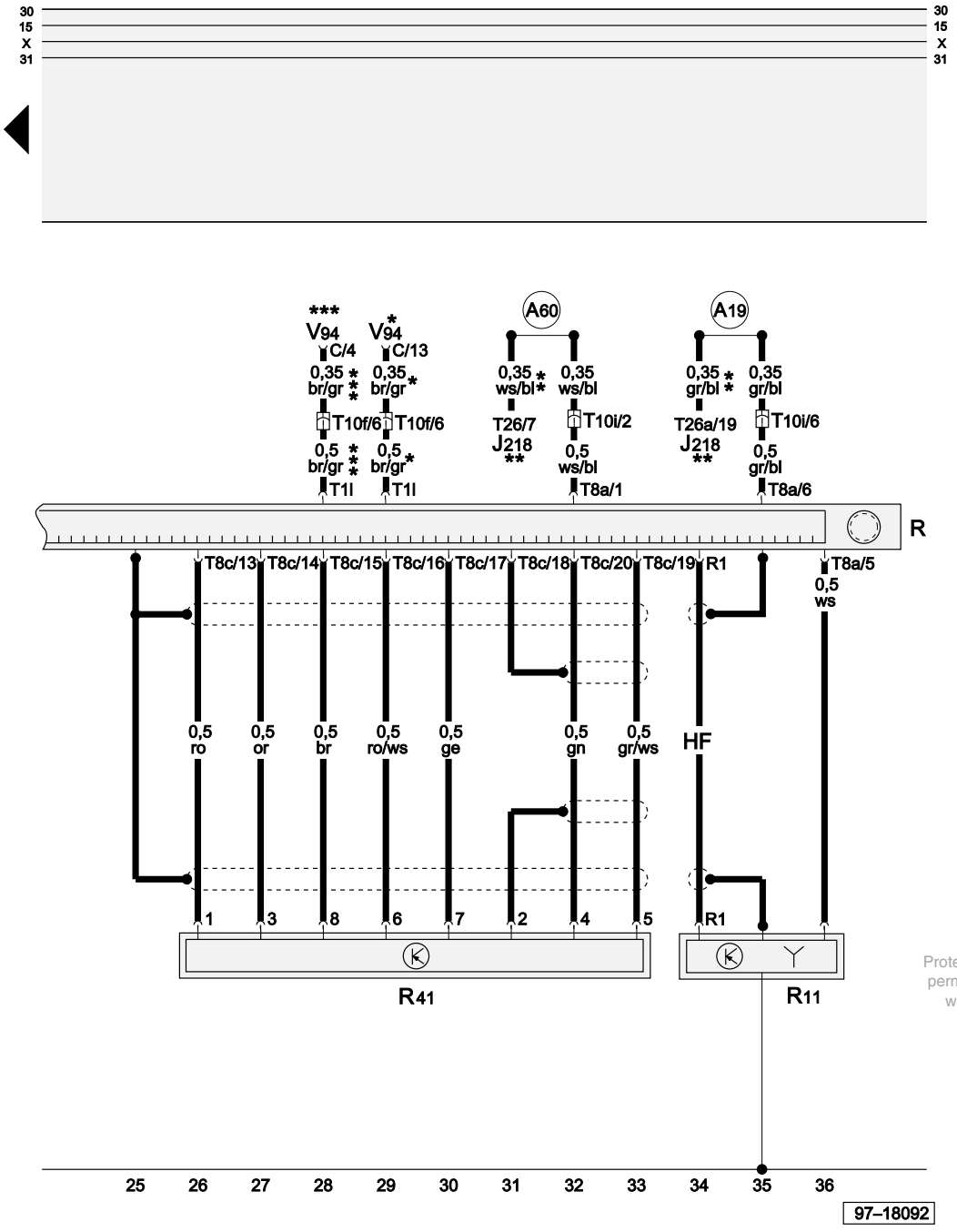


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Bose sound system, Audi Avant

R	Radio
R12	Amplifier
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R34	Middle-high tone loudspeaker, rear left
R35	Middle-high tone loudspeaker, rear right
R36	Telephone transmitter and receiver unit
T2p	2-pin connector, on radio
T6m	6-pin connector, yellow, on radio
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T6v	6-pin connector, yellow, at B pillar, left
T6w	6-pin connector, yellow, at B pillar, right
T8a	8-pin connector, black, on radio
44	Earth point, lower part of left A-pillar
133	Earth point, in loudspeaker wiring harness
V3	Connection (NF), in rear speaker wiring harness
*	Does not apply to models with D-network telephone
**	Only models with D-network telephone

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Radio Bose sound system, Audi Avant

J218	Combi-processor in dash panel insert
R	Radio
R1	Aerial connection
R11	Roof aerial
R41	CD changer
T1l	Single connector, brown, on radio
T8a	8-pin connector, black, on radio
T8c	8-pin connector, blue, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10i	10-pin connector, black, in centre console
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed), in dash panel wiring harness
*	Only models with anti-theft alarm system, applicable up model year 1996
**	Does not apply to auto-check system
***	Only models with anti-theft alarm system, applicable from model year 1997

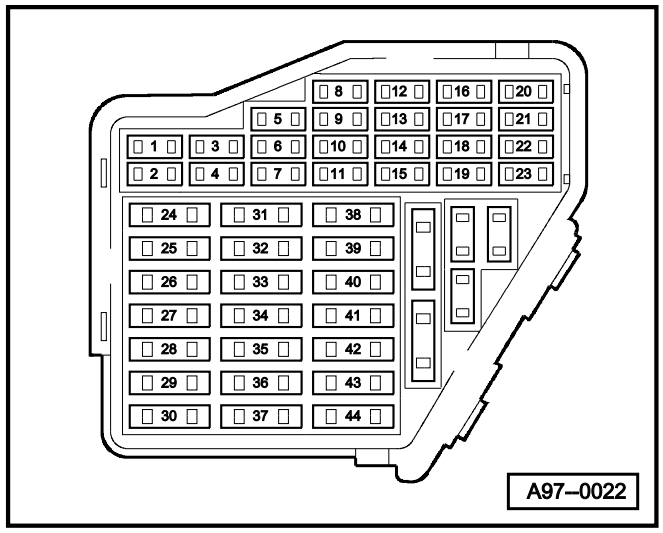
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Central locking system with interior lights switch-off delay, infra-red receiver and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

From 1996 model year

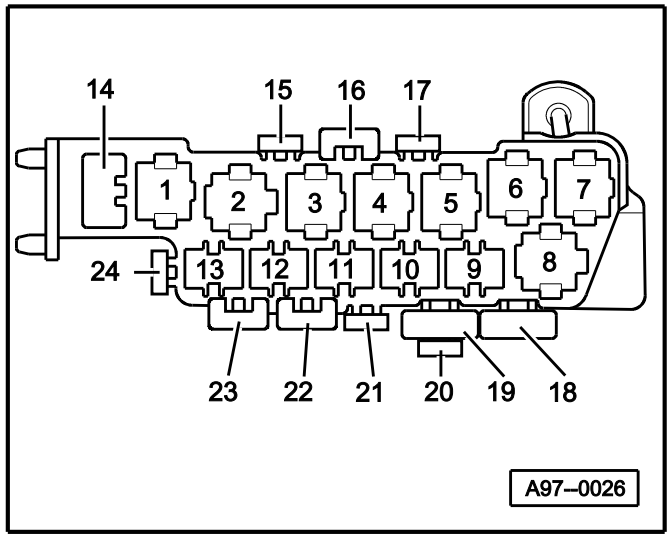
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



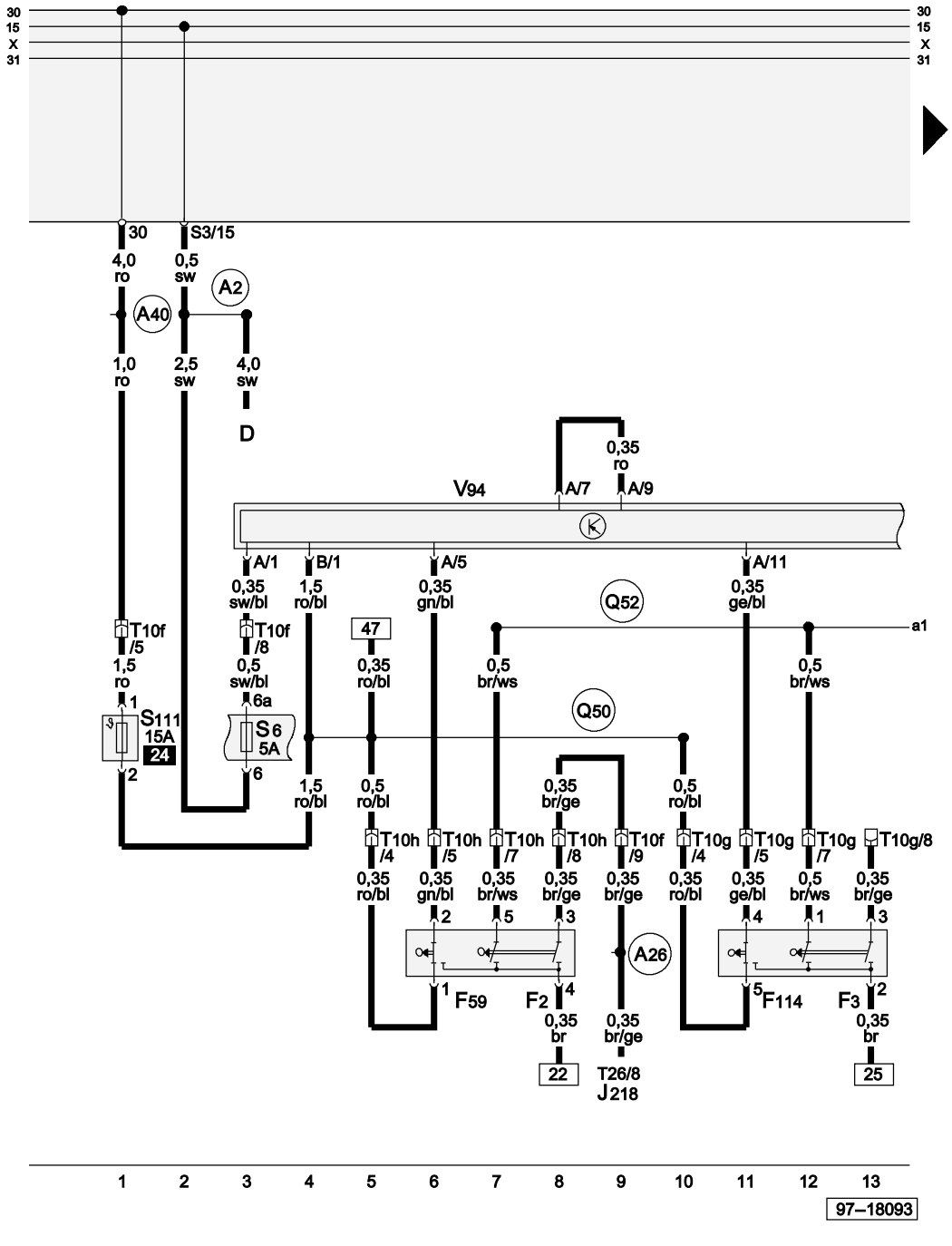
Position of fuses:

24 - Fuse for anti-theft alarm system and immobilizer, central locking

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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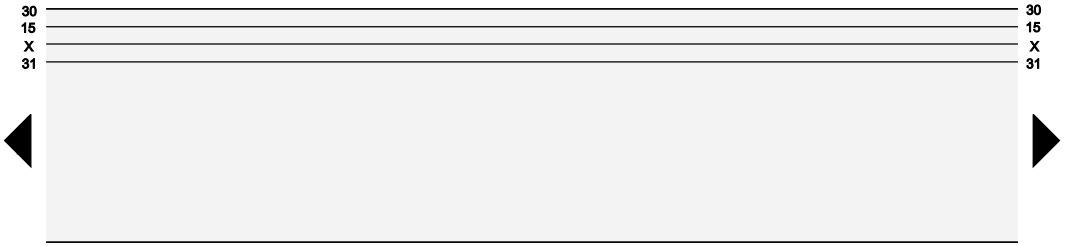


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
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rs = pink

Central locking system with interior lights switch-off delay, infra-red receiver and anti-theft alarm system with interior monitoring, Audi Avant models

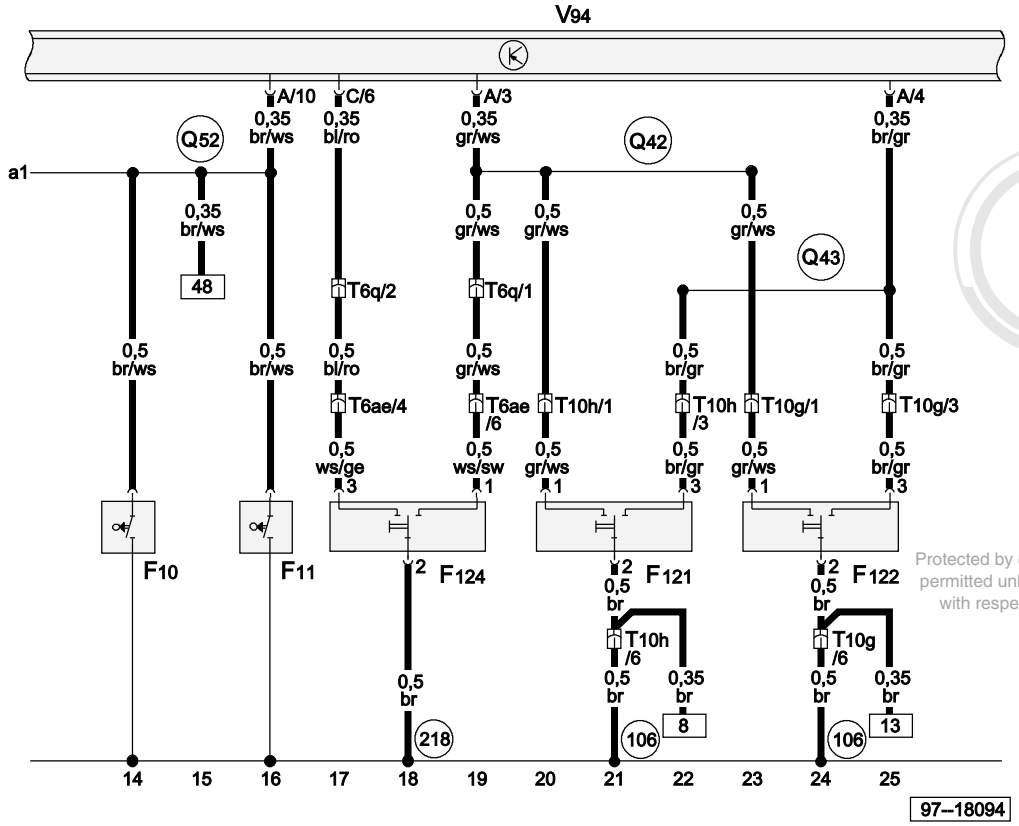
D	Ignition/starter switch
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F59	Central locking switch (driver's side)
F114	Central locking switch (front passenger's side)
J218	Combi-processor in dash panel insert
S6	Fuse in fuse box/relay plate
S111	Fuse for anti-theft alarm system and immobilizer, central locking
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
Q50	Connection (30a), in anti-theft alarm system wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness

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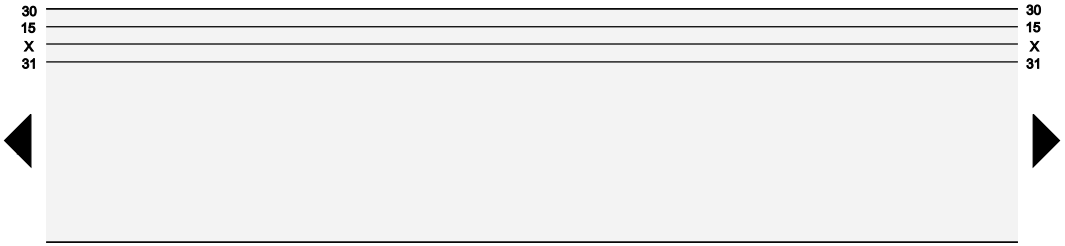
Central locking system with interior lights switch-off delay, infra red-reciver and anti-theft alarm system with interior monitoring, Audi Avant

F10	Rear left door contact switch
F11	Rear right door contact switch
F121	Driver's door handle switch for anti-theft alarm
F122	Front passenger's door handle switch for anti-theft alarm
F124	Contact switch in lock cylinder
T6q	6-pin connector, purple, left connector point, A pillar
T6ae	Single connector, white, on rear left luggage compartment
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness



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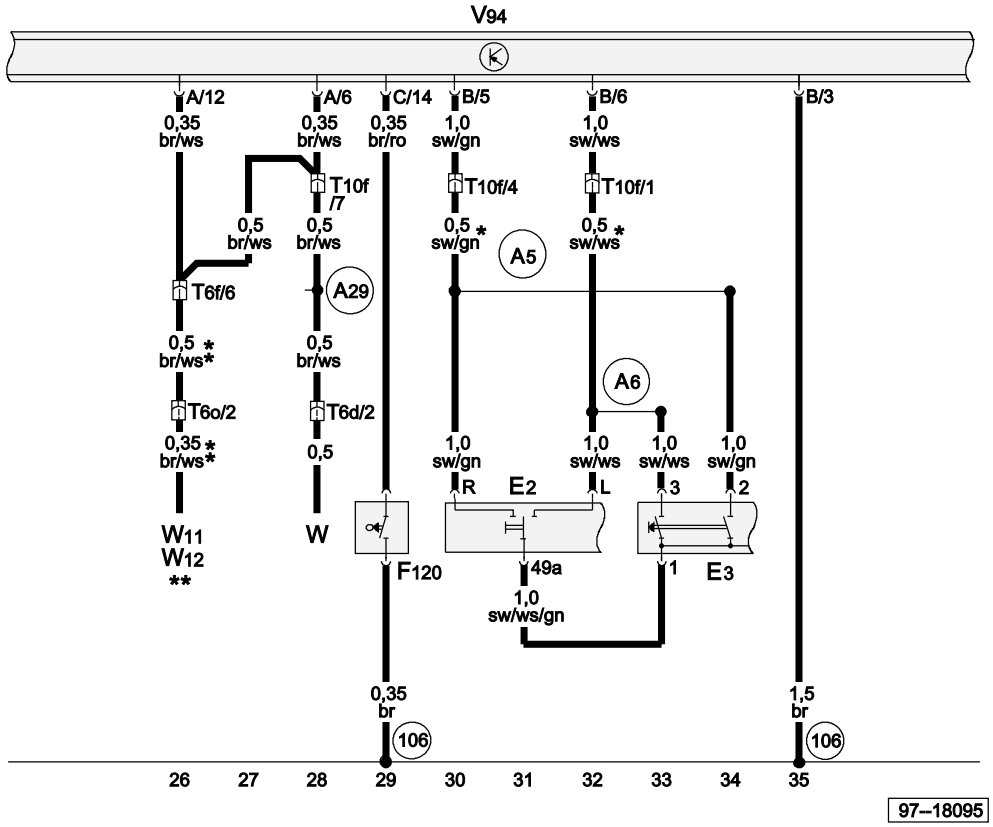
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



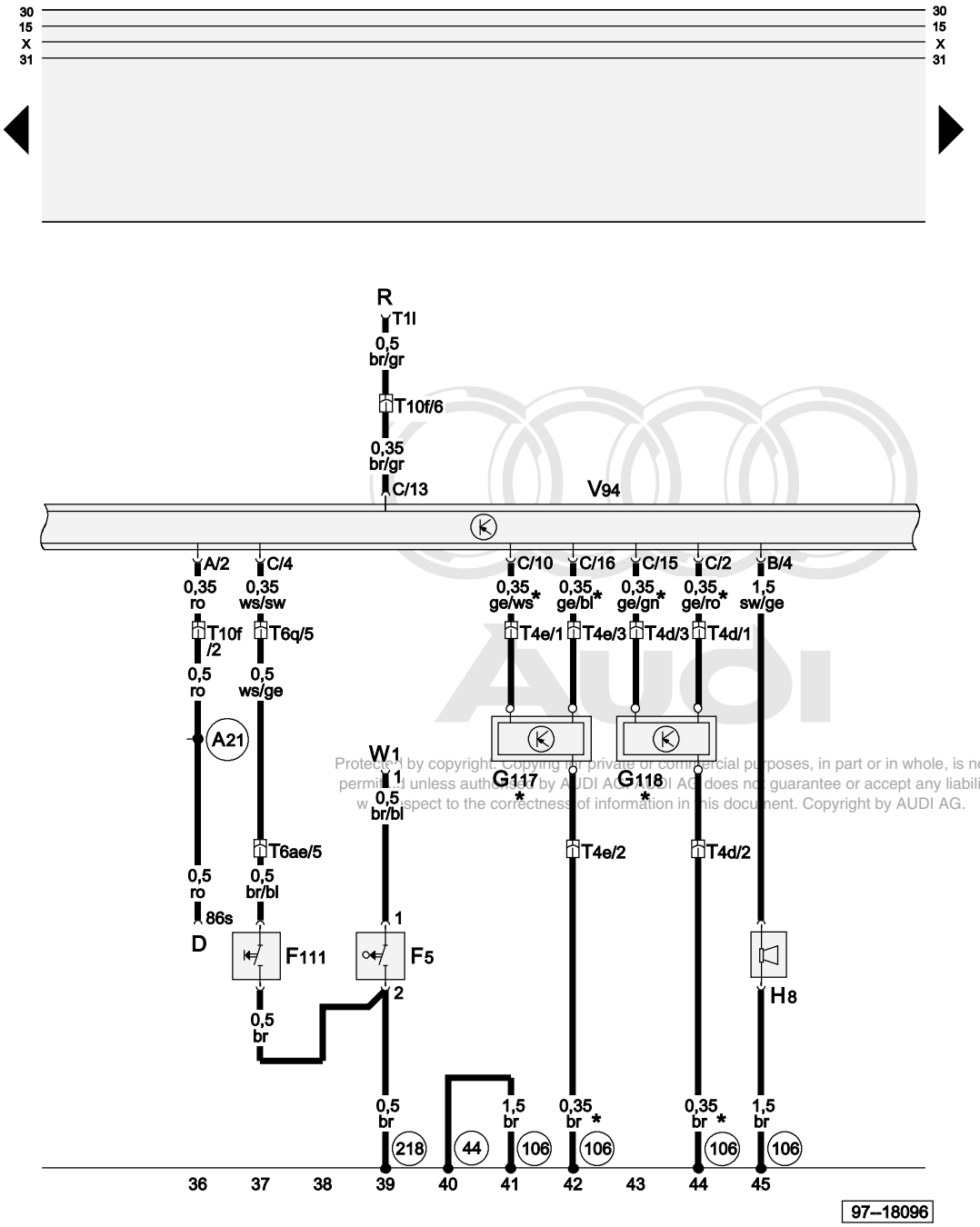
Central locking system with interior lights switch-off delay, infra red-reciver and anti-theft alarm system with interior monitoring, Audi Avant

E2	Turn signal switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T6d	6-pin connector, brown, left connector point, A pillar
T6f	6-pin connector, orange, right connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
*	Applies to Swiss export version
**	Only models with reading lamps

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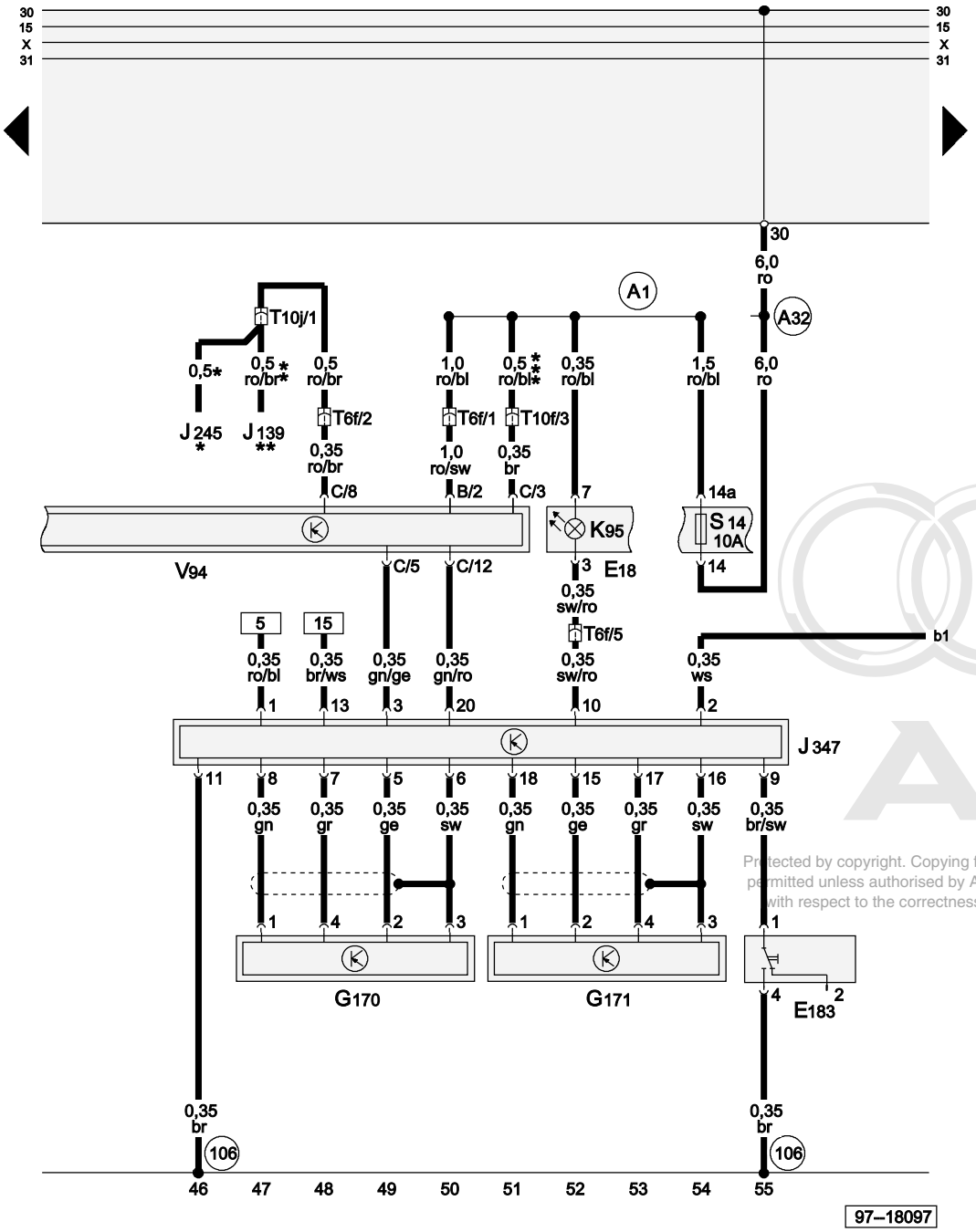


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Central locking system with interior lights switch-off delay, infra red-reciver and anti-theft alarm system with interior monitoring, Audi Avant

D	Ignition/starter switch
F5	Luggage compartment light switch
F111	Tailgate/boot lid control switch
G117	Central locking infra-red sensor, left
G118	Central locking infra-red sensor, right
H8	Anti-theft alarm system horn
R	Radio
T1l	Single connector, brown, on radio
T4d	4-pin connector, black, at B pillar, right
T4e	4-pin connector, black, at B pillar, left
T6q	6-pin connector, purple, left connector point, A pillar
T6ae	Single connector, white, on rear left luggage compartment
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W1	Rear interior light / luggage compartment
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
A21	Connection (86s), in dash panel wiring harness
*	Only with infra-red remote control

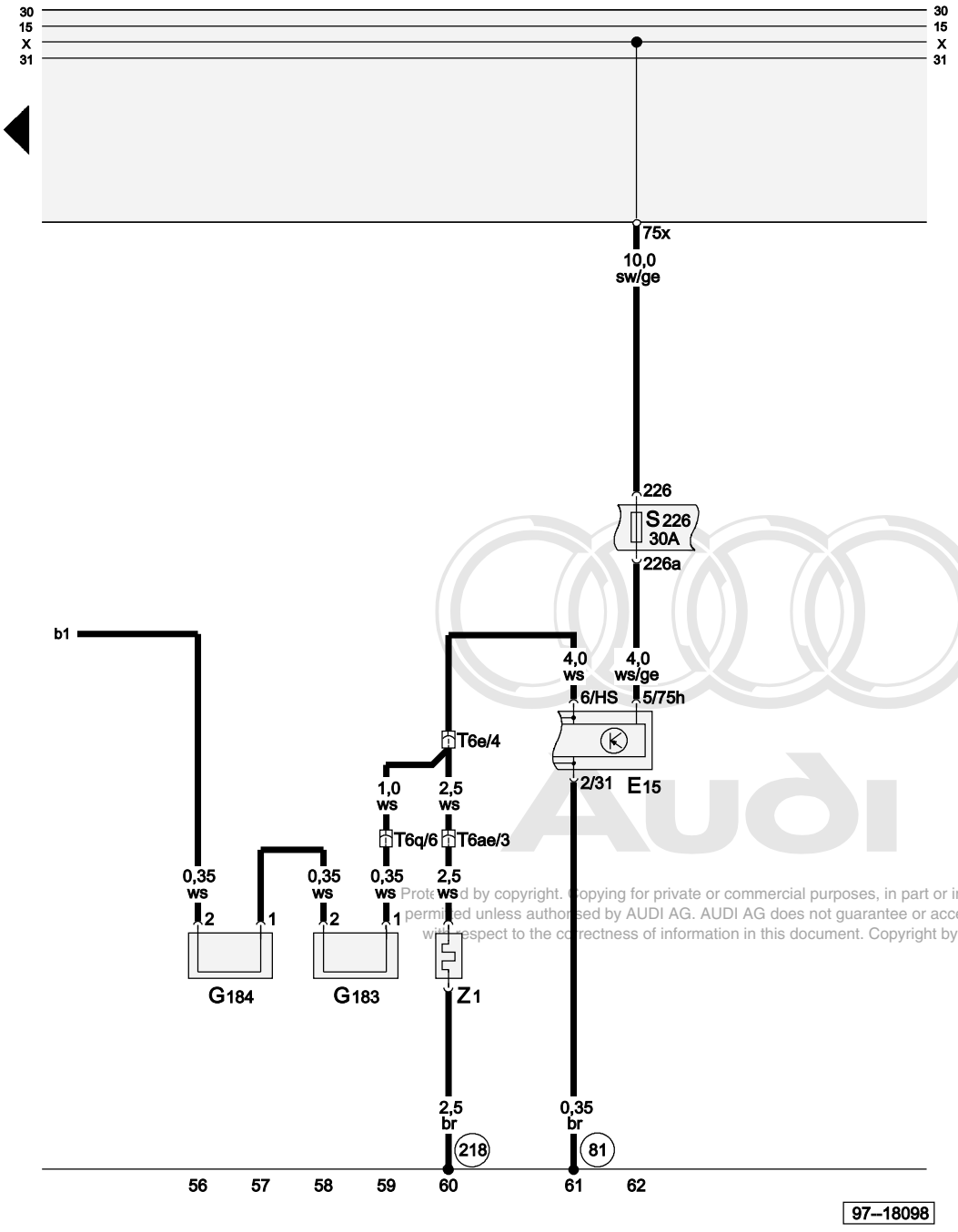


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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
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or = orange
rs = pink

Central locking system with interior lights switch-off delay, infra red-reciver and anti-theft alarm system with interior monitoring, Audi Avant

E18	Rear fog light switch
E183	Interior monitor switch
G170	Left ultra-sonic sensor for anti-theft alarm system
G171	Right ultra-sonic sensor for anti-theft alarm system
J139	Control unit for electric window/vent windows and sliding sunroof
J245	Sliding sunroof adjustment control unit
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
T6f	6-pin connector, orange, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
*	Only models with sliding roof
**	Only models with window lifters
***	Only models with Swiss export version

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Central locking system with interior lights switch-off delay, infrared receiver and anti-theft alarm system with interior monitoring, glass breakage sensors

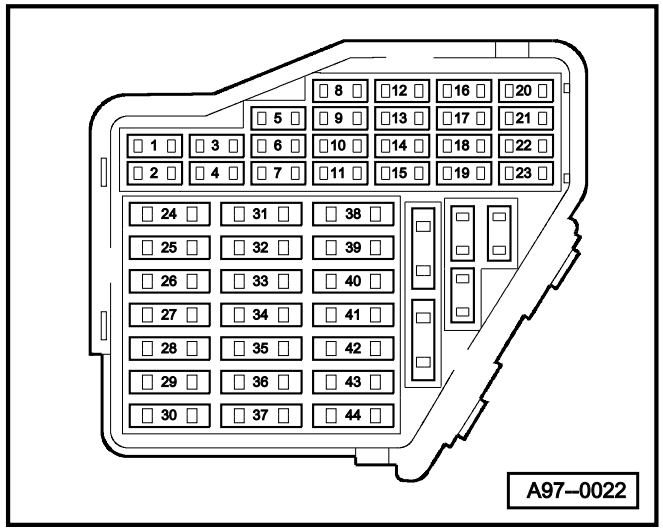
E15	Heated rear window switch
G183	Glass breakage sensor, rear left side window
G184	Glass breakage sensor, rear right side window
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T6q	6-pin connector, white, left connector point, A pillar
T6ae	6-pin connector, white, in luggage compartment, rear left
Z1	Heated rear window
81	Earth connection -1-, in dash panel wiring harness
218	Earth connection -1-, in rear lid wiring harness

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Trailer coupling, Audi Avant

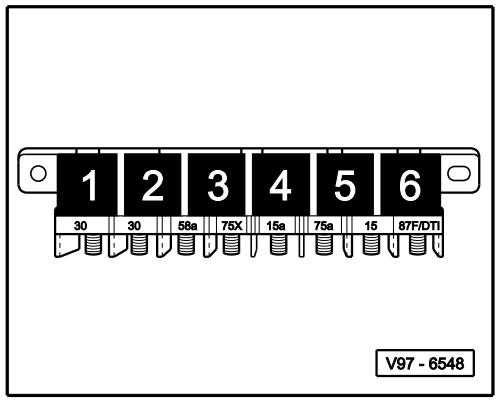
From model year 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

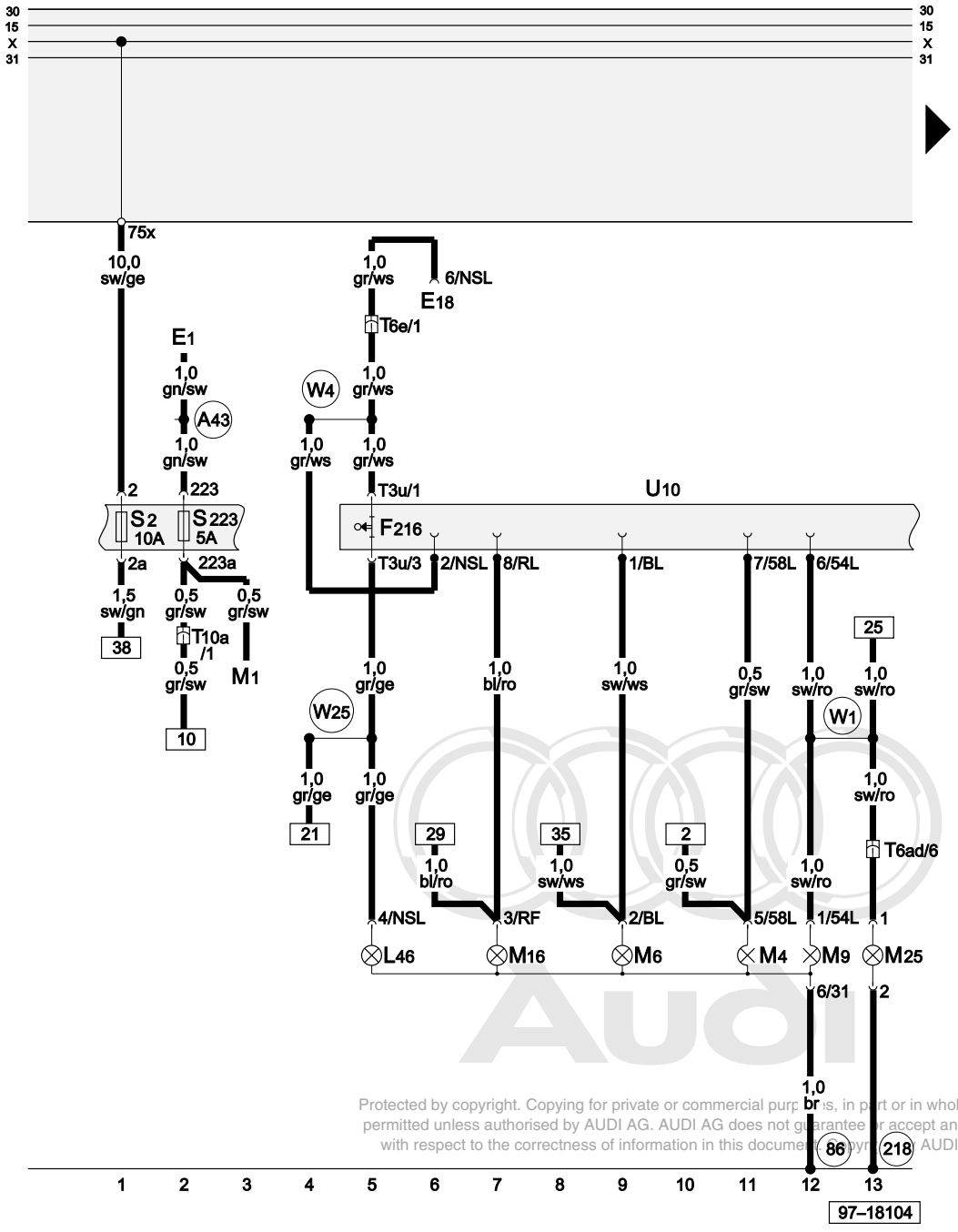
4 - Automatic gearbox relay

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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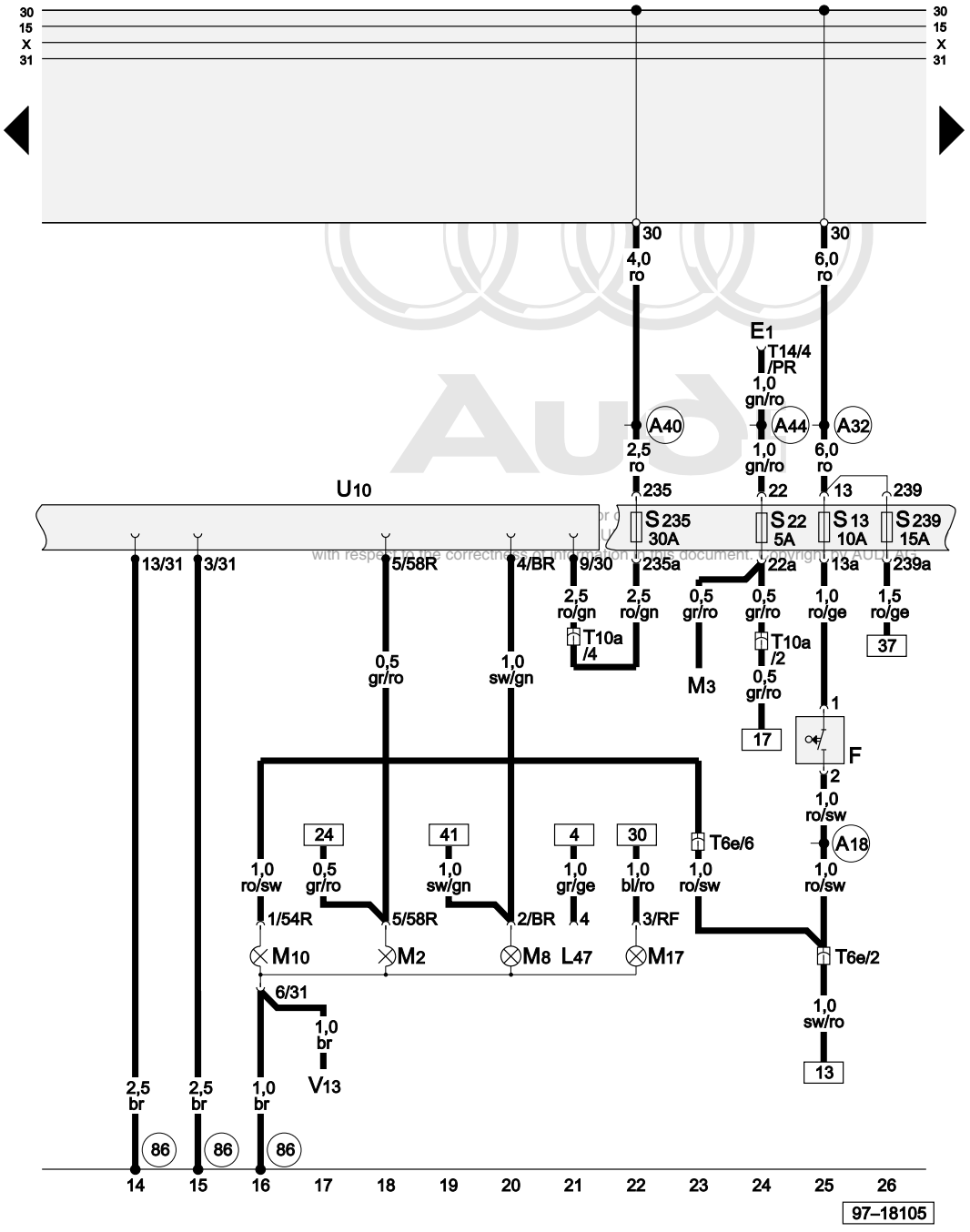


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rs = pink

Trailer coupling, Audi Avant

E1	Lighting switch
E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M1	Side light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
T10a	10-pin connector, brown, left connector point, A pillar
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
A43	Connection (57L), in dash panel wiring harness
W1	Positive (+) connection (54), in rear wiring harness
W4	Connection -1- (rear fog light), in rear wiring harness
W25	Connection -2- (rear fog light), in rear wiring harness

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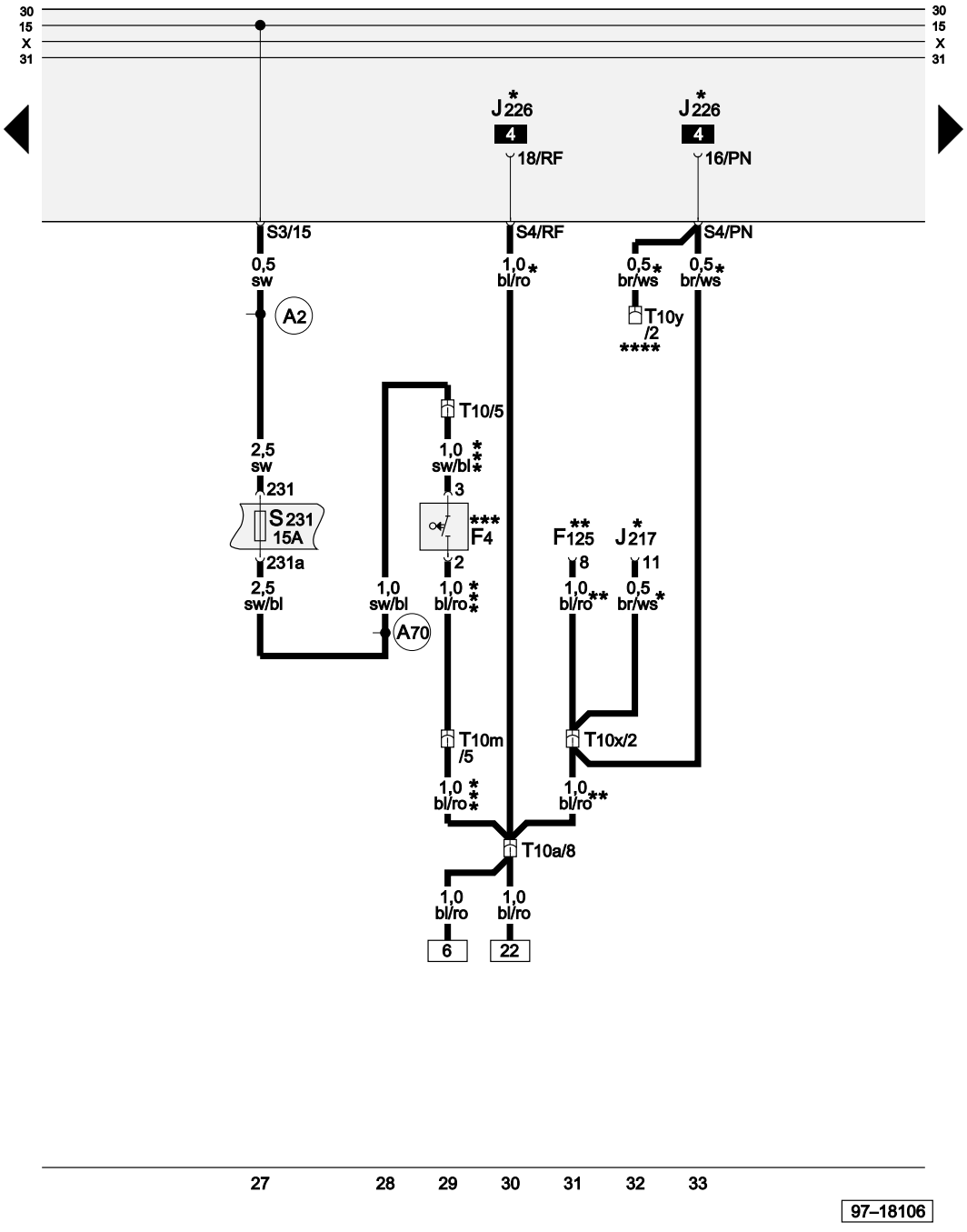


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gn = green
bl = blue
gr = grey
li = purple
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rs = pink

Trailer coupling, Audi Avant

E1	Lighting switch
F	Brake light switch
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M3	Side light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T10a	6-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
V13	Rear window washer pump
86	Earth connection -1-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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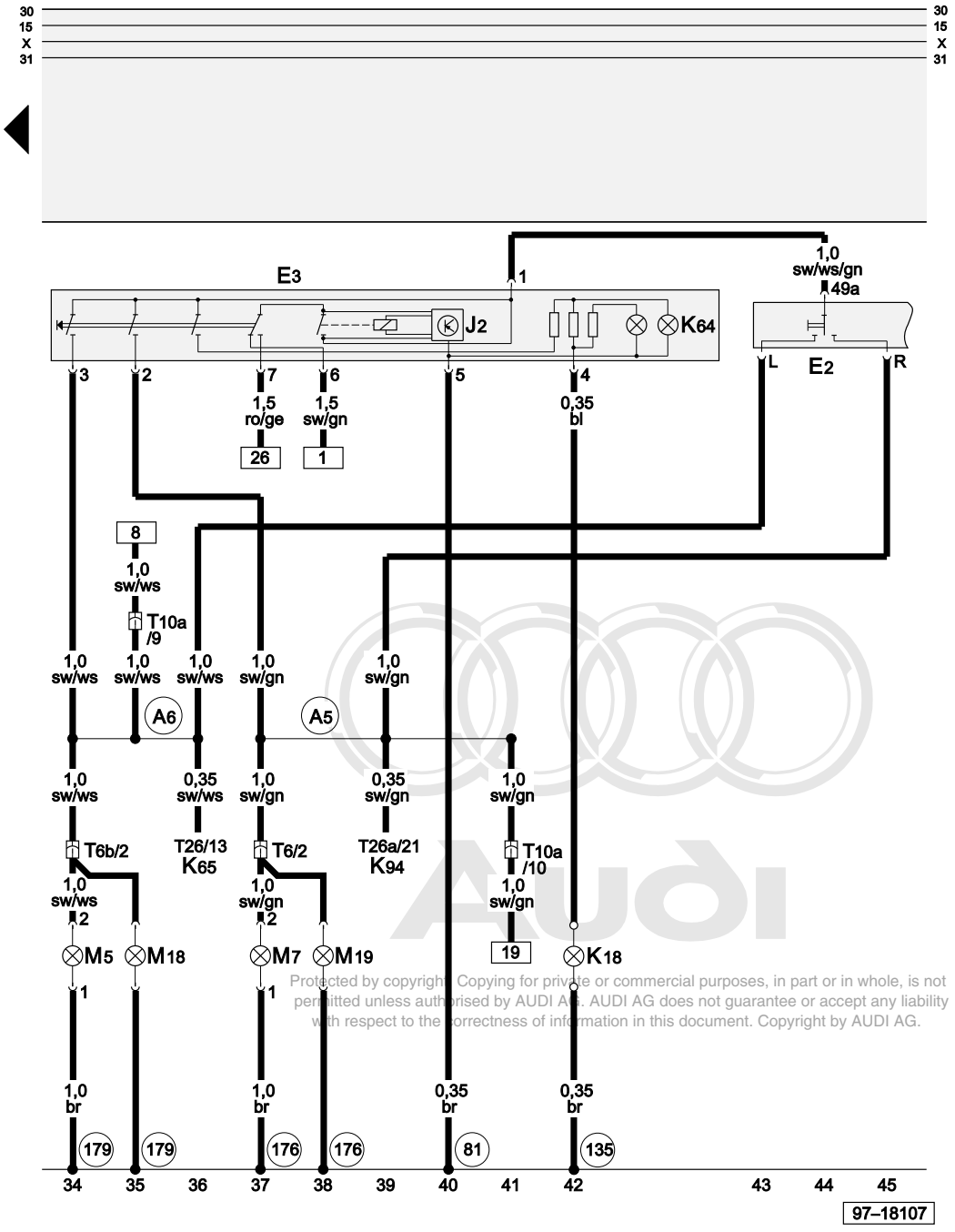


Trailer coupling, Audi Avant

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox
****	See applicable engine version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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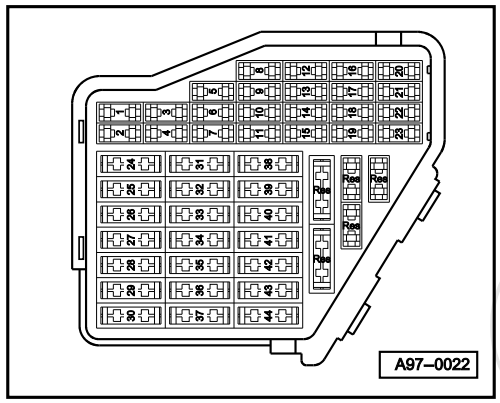
Trailer coupling, Audi Avant

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

Trailer coupling with auto-check system, Audi Avant

From model year 1996

Fuse box:

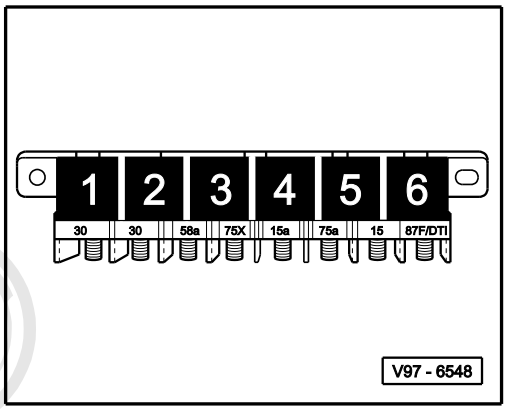


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

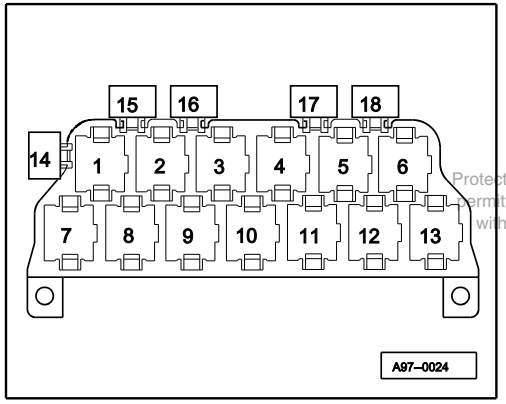
Central electrics - front side:



Position of relays:

4 - Automatic gearbox relay

13-point relay carrier:

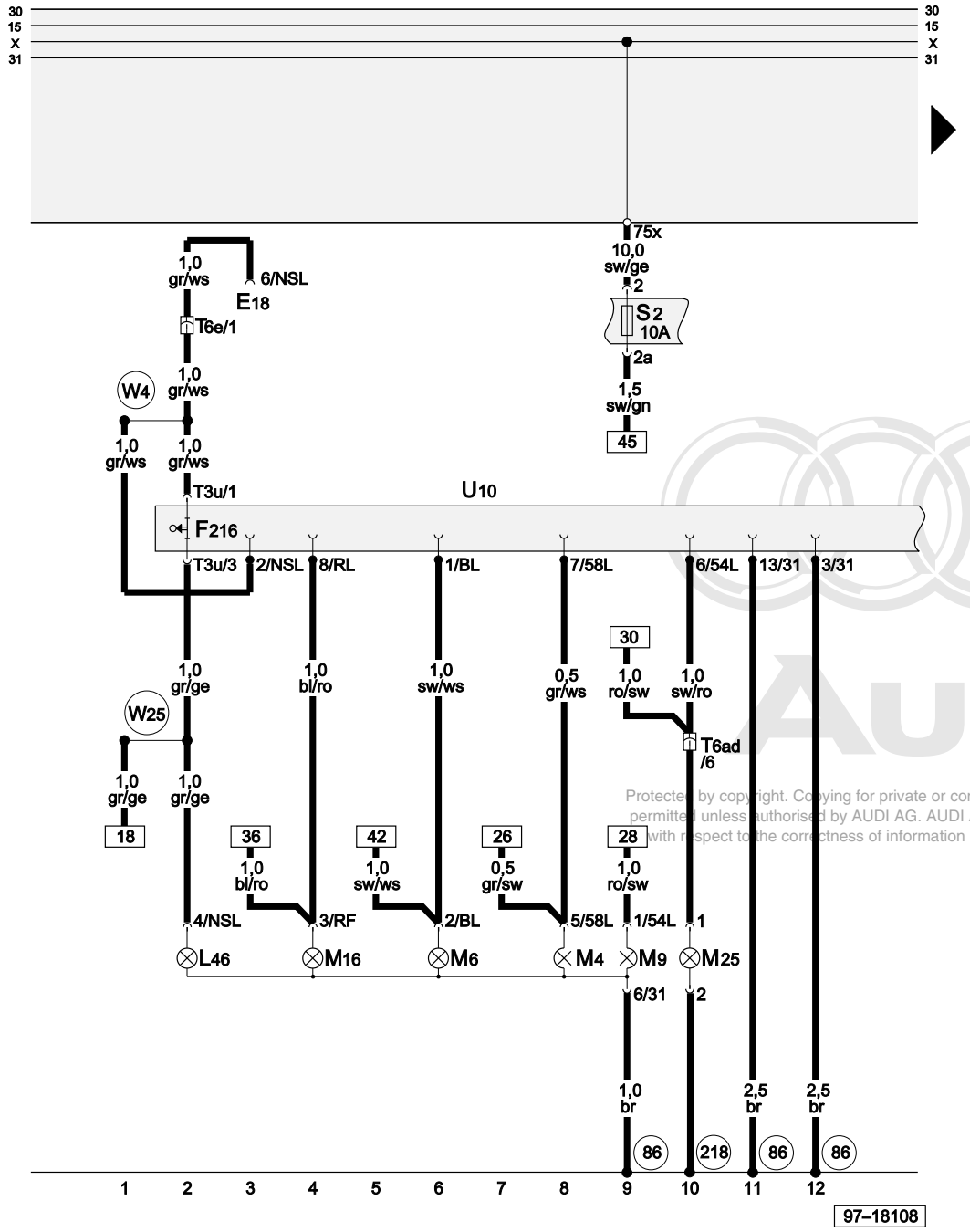


Position of relays:

4 - Bulb monitoring control unit

5 - Bulb monitoring control unit

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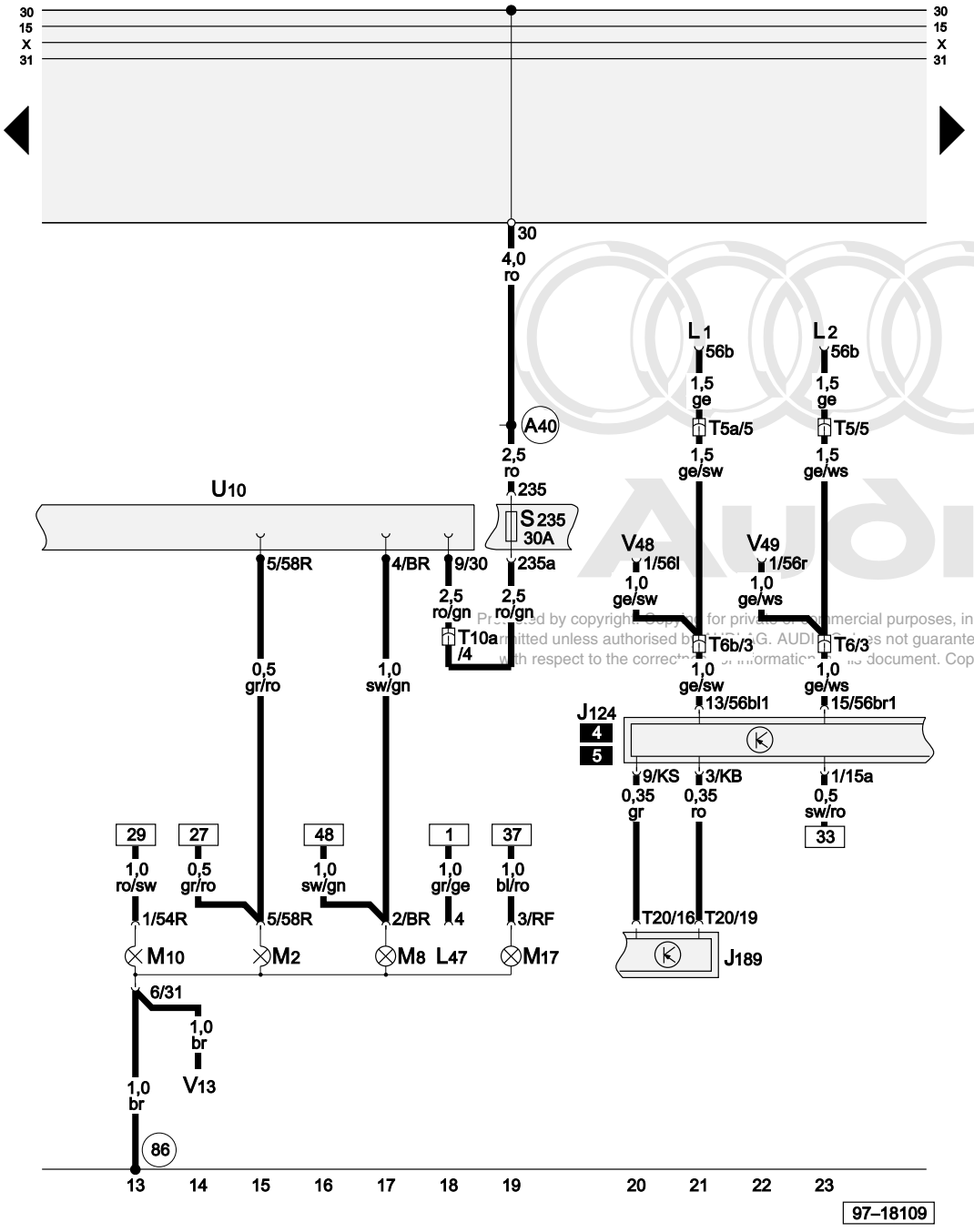


Trailer coupling with auto-check system, Audi Avant

E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
A43	Connection (57L), in dash panel wiring harness
W4	Connection -1- (rear fog light), in rear wiring harness
W25	Connection -2- (rear fog light), in rear wiring harness

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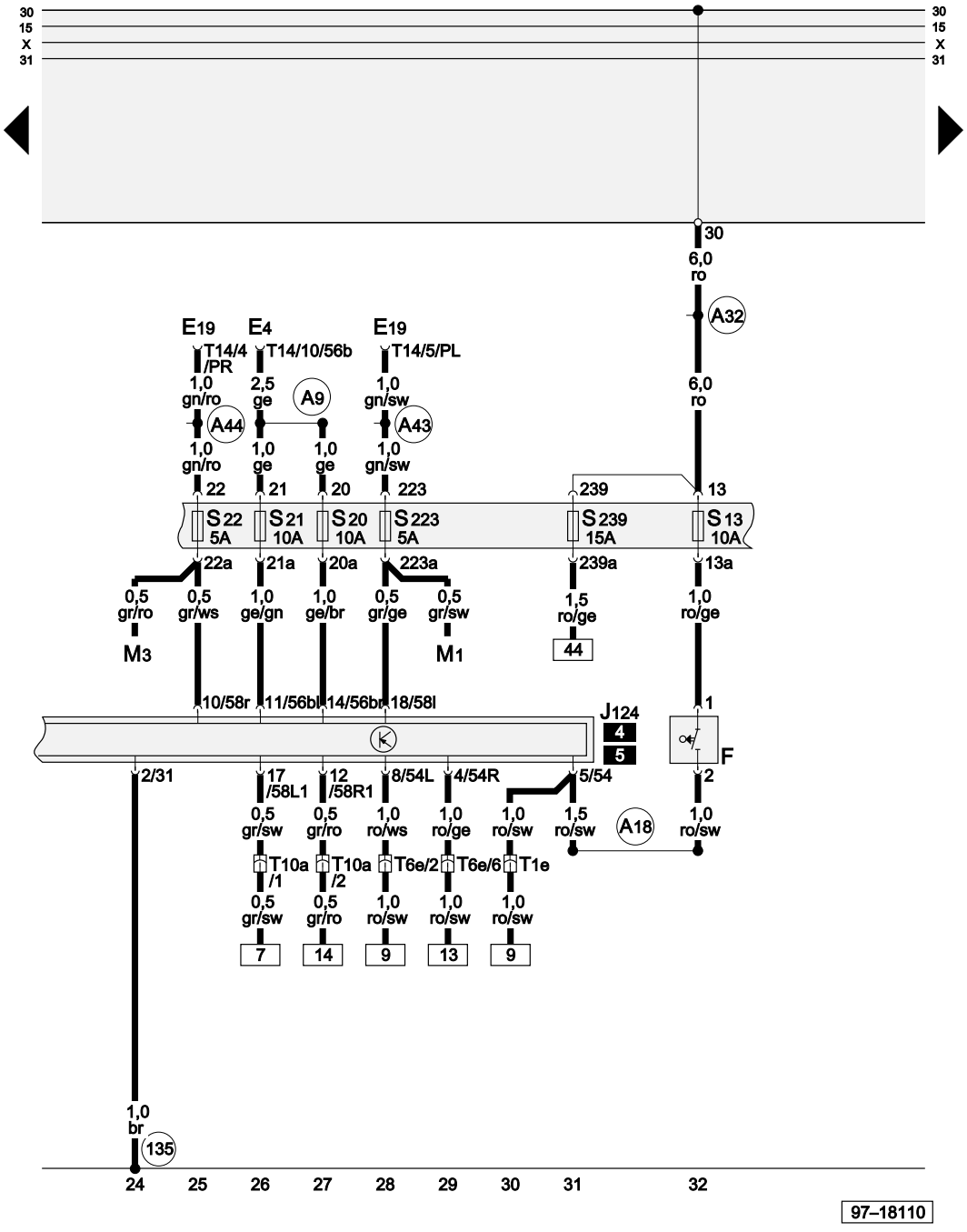


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Trailer coupling with auto-check system, Audi Avant

J124	Bulb monitoring device
J189	Auto-check system
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, red, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
U10	Trailer socket
V13	Rear window washer pump
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness

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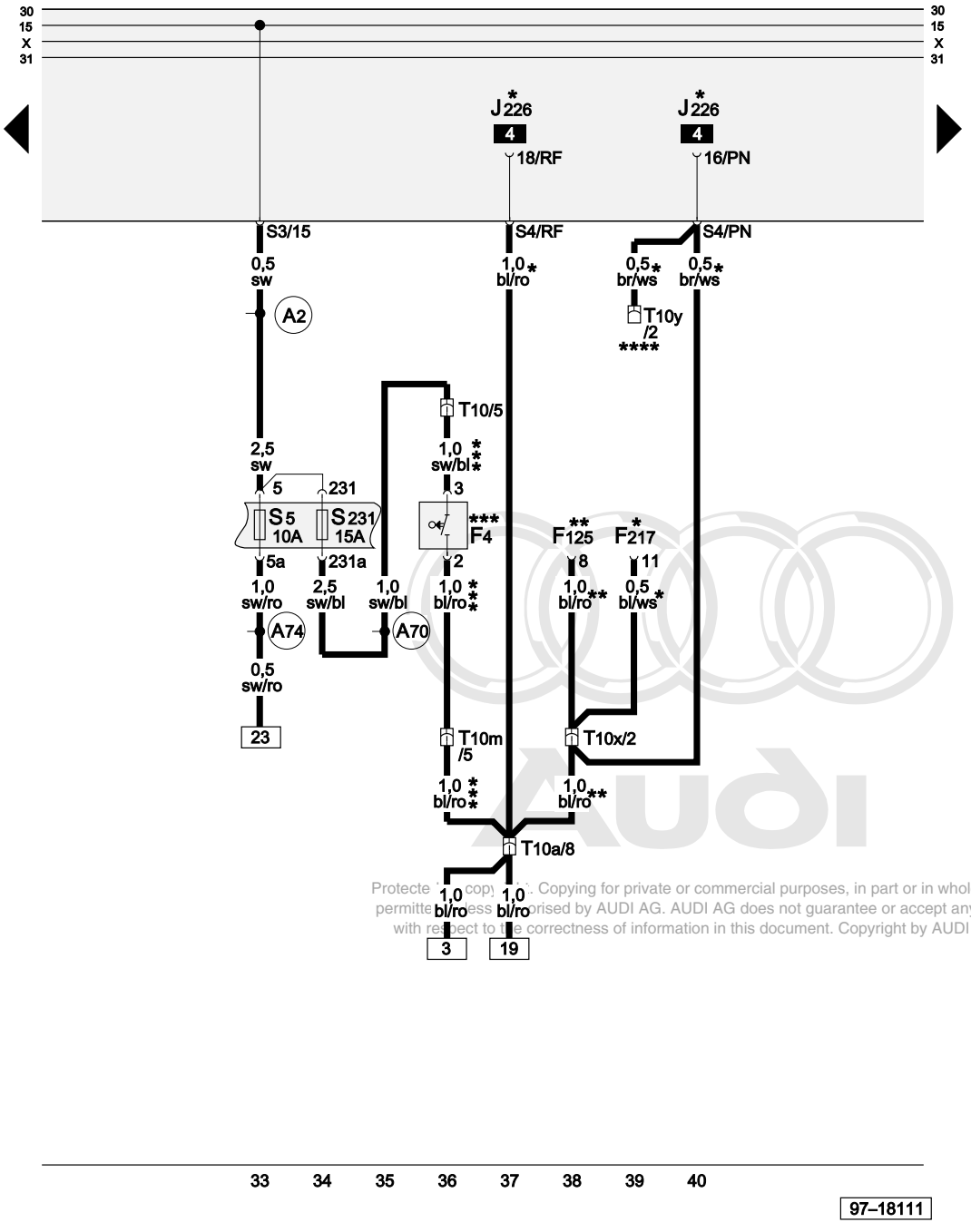


Trailer coupling with auto-check system, Audi Avant

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
T1e	1-pin connector, black, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
135	Earth connection -2-, in dash panel wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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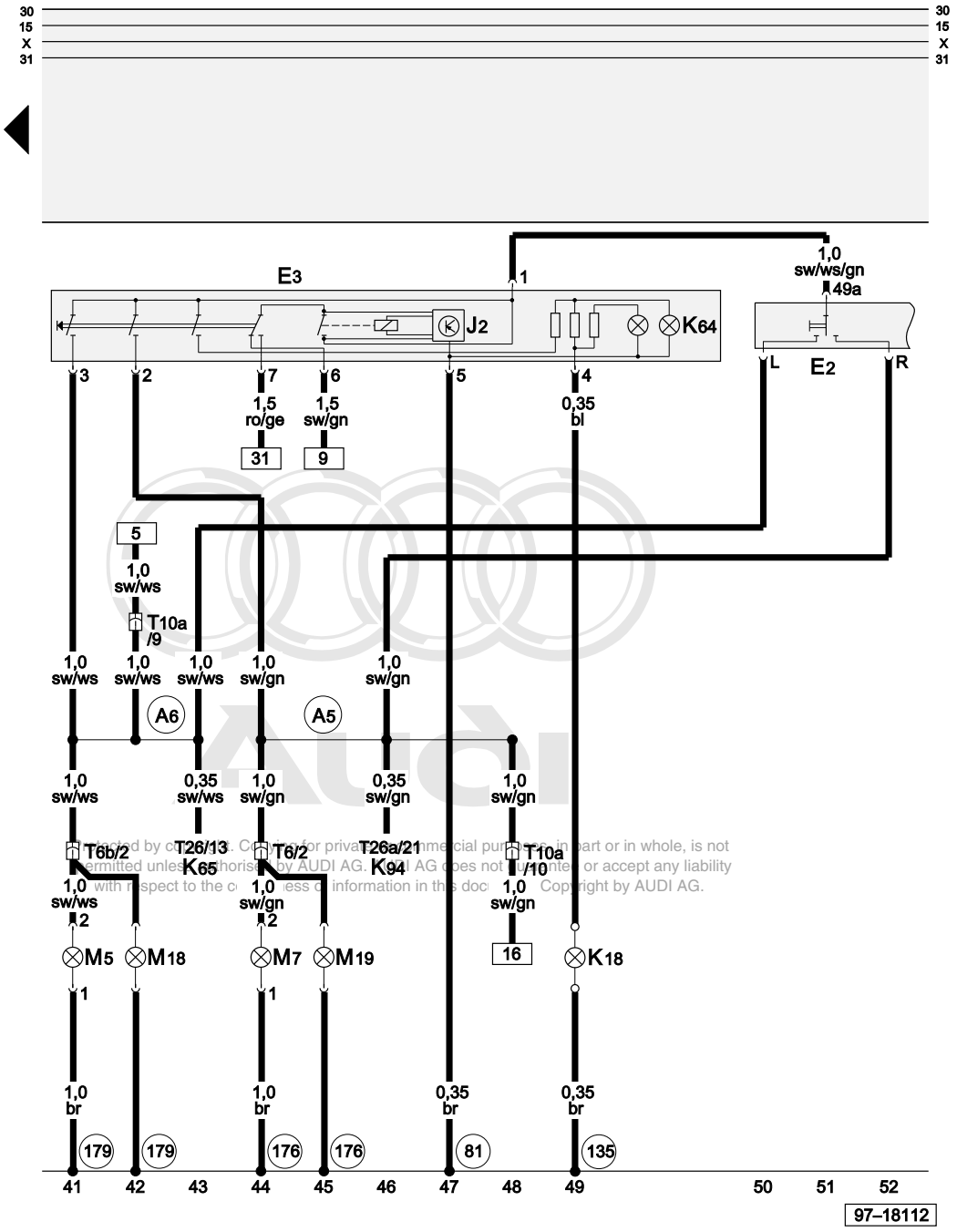


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Trailer coupling with auto-check system, Audi Avant

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox
****	See applicable engine version



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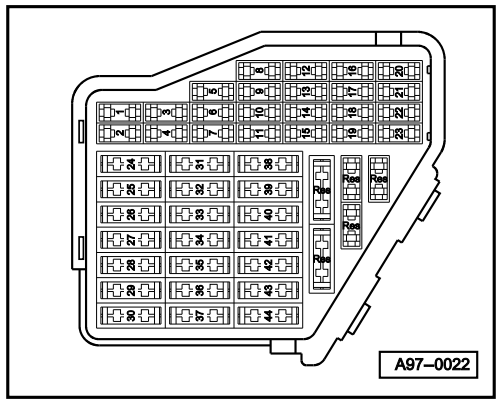
Trailer coupling with auto-check system, Audi Avant

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

Audi Avant

From model year 1996

Fuse box:

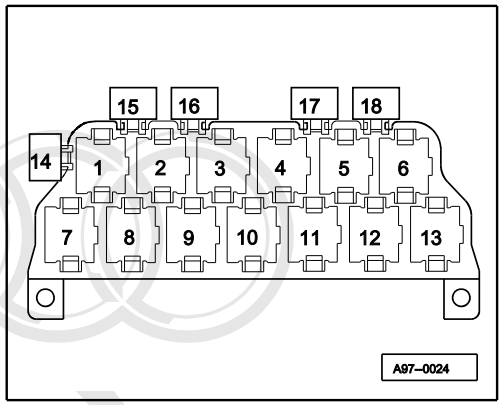


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

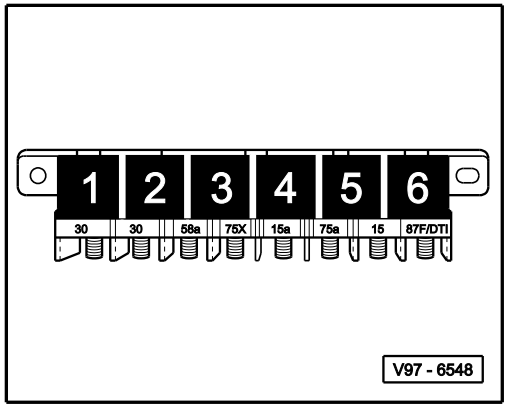
13-point relay carrier:



Position of relays:

1 – Rear window washer pump relay

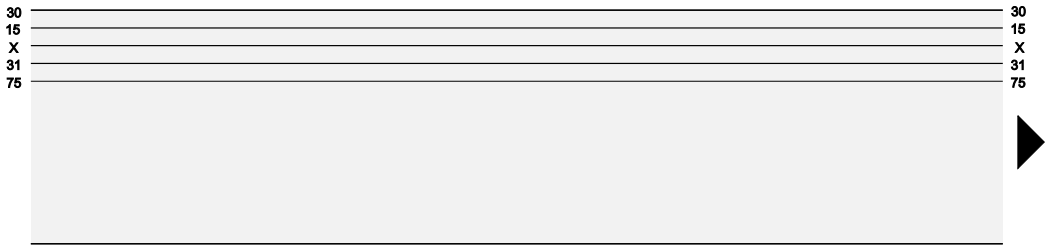
Central electrics - front side:

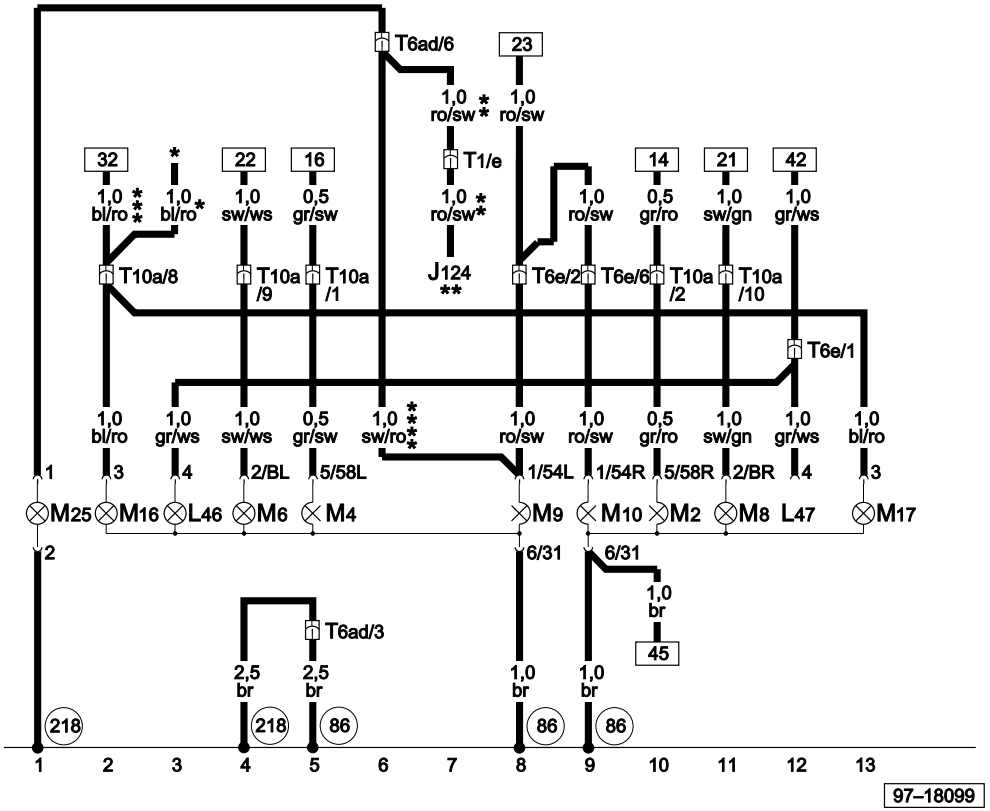


Position of relays:

5 – Automatic intermittent wash/wipe relay

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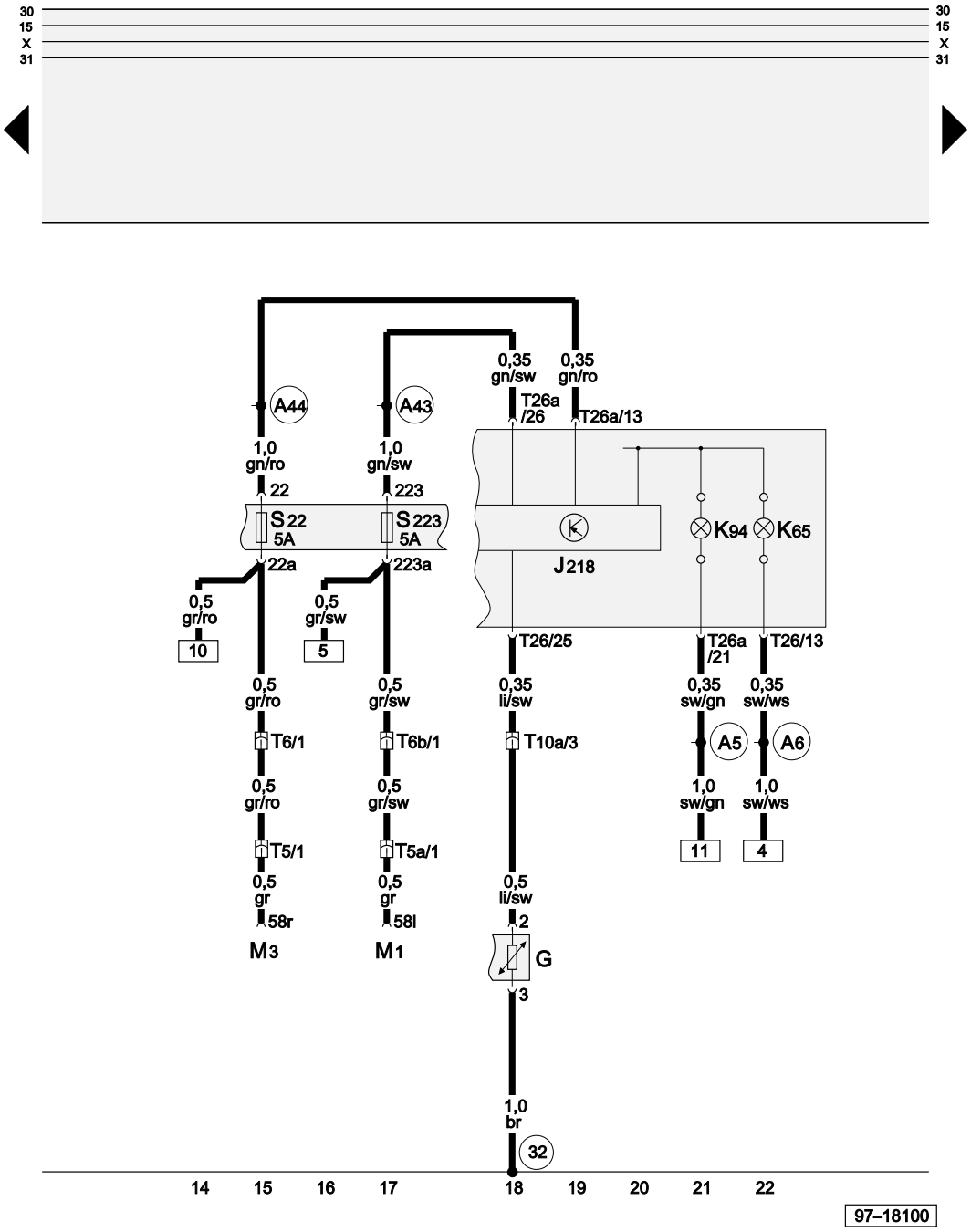


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sw = black
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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Audi Avant

J124	Bulb monitoring device, rear
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M9	Brake light bulb, left
M10	Brake light bulb, right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M25	High level brake light bulb
T1e	1-pin connector, black, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
T10a	10-pin connector, brown, left connector point, A pillar
(86)	Earth connection -1-, in rear wiring harness
(218)	Earth connection -1-, in tailgate/boot lid wiring harness
*	See applicable Current Flow Diagram: automatic gearbox
**	Only models with auto-check system
***	Only models with manual gearbox
****	Does not apply to models with auto-check system

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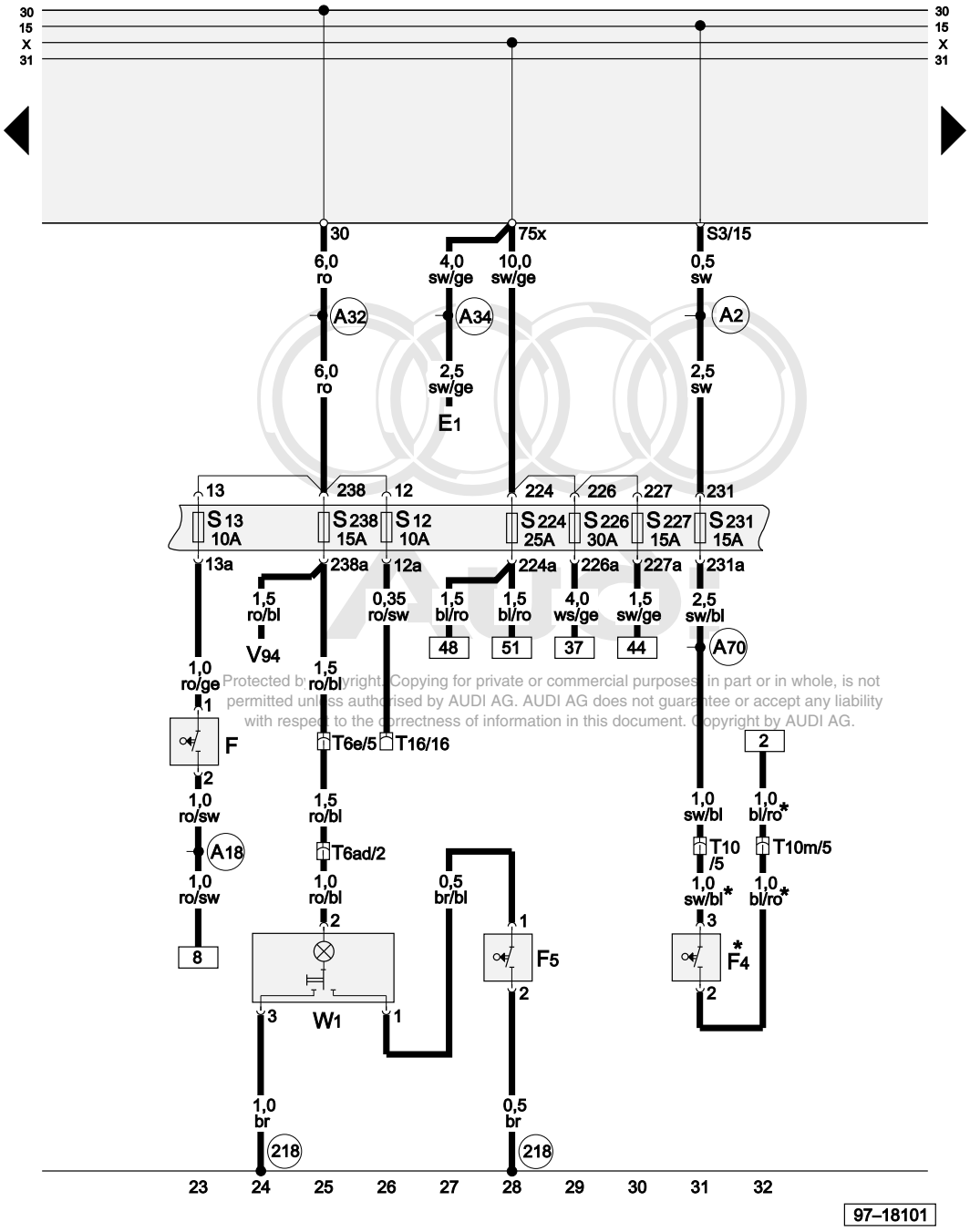


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Audi Avant

G	Fuel gauge sender
J218	Combi-processor in dash panel insert
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M1	Side light bulb, left
M3	Side light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, light connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A43	Connection (57l), in dash panel wiring harness
A44	Connection (57r), in dash panel wiring harness

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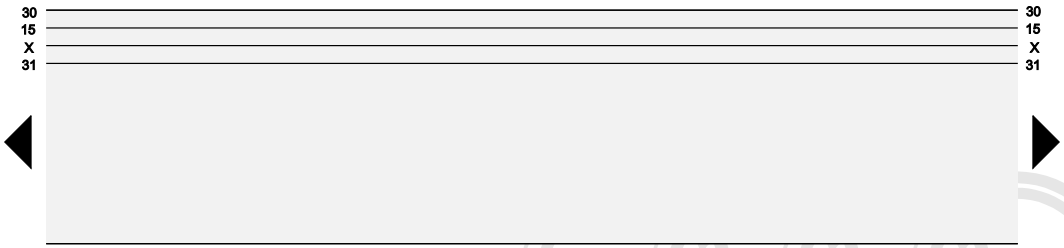


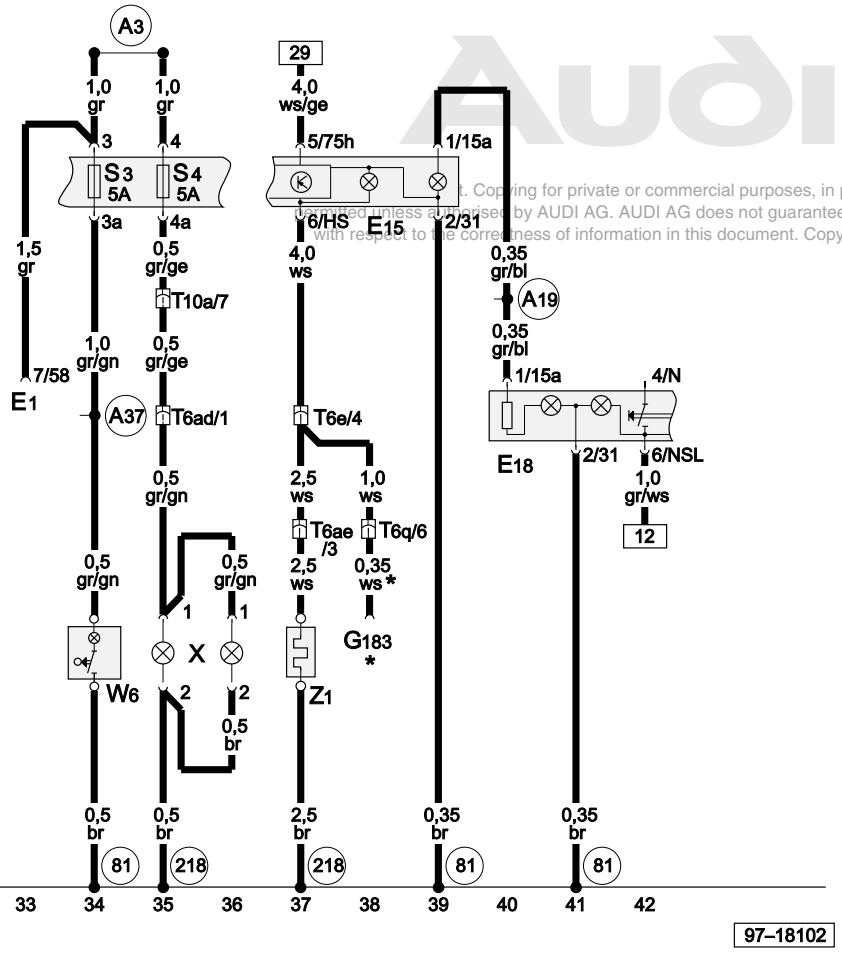
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Audi Avant

E1	Lighting switch
F	Brake light switch
F4	Reversing light switch
F5	Luggage compartment light switch
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T16	16-pin connector, in centre console rear
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W1	Rear interior light / luggage compartment
218	Earth connection -1-, in tailgate/boot lid wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with manual gearbox



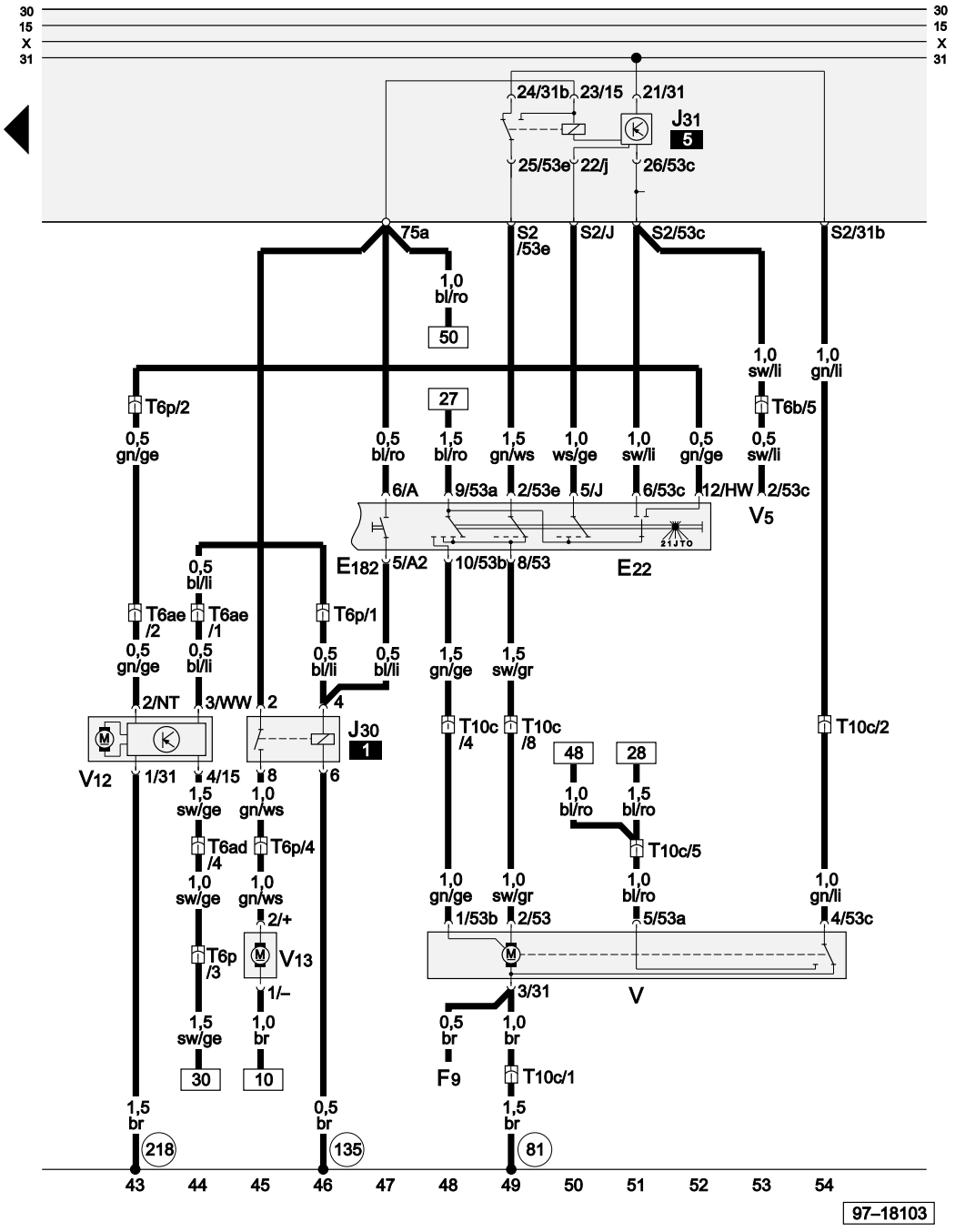


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Audi Avant

E1	Lighting switch
E15	Heated rear window switch
E18	Rear fog light switch
G183	Glass breakage sensor, rear left side window
T6e	6-pin connector, blue, left connector point, A pillar
T6q	6-pin connector, purple, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
T6ae	Single connector, white, on rear left luggage compartment
T10a	10-pin connector, brown, left connector point, S pillar
W6	Glove box light
X	Number plate light
Z1	Heated rear window
81	Earth connection -1-, in dash panel wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
*	Only models with anti-theft alarm system

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Audi Avant

E22	Intermittent wiper switch
E182	Water pump switch (fresh water, rear)
F9	Handbrake warning switch
J30	Rear window wiper/washer relay
J31	Automatic intermittent wash/wipe relay
T6b	6-pin connector, yellow, left connector point, A pillar
T6p	6-pin connector, white, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
T6ae	Single connector, white, on rear left luggage compartment
T10c	10-pin connector, violet, left connector point, A pillar
V	Windscreen wiper motor
V5	Windscreen washer pump
V12	Rear window wiper motor
V13	Rear window washer pump

81 Earth connection -1-, in dash panel wiring harness

135 Earth connection -2-, in dash panel wiring harness

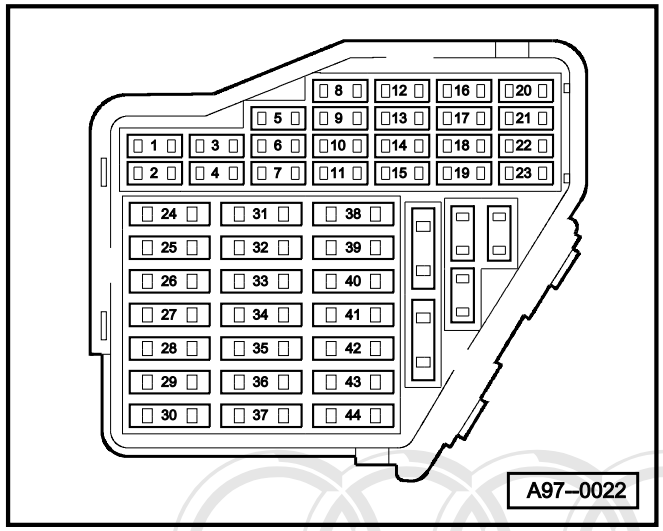
218 Earth connection -1-, in tailgate/boot lid wiring harness

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On-board computer with auto-check system, Audi Avant

From model year 1996

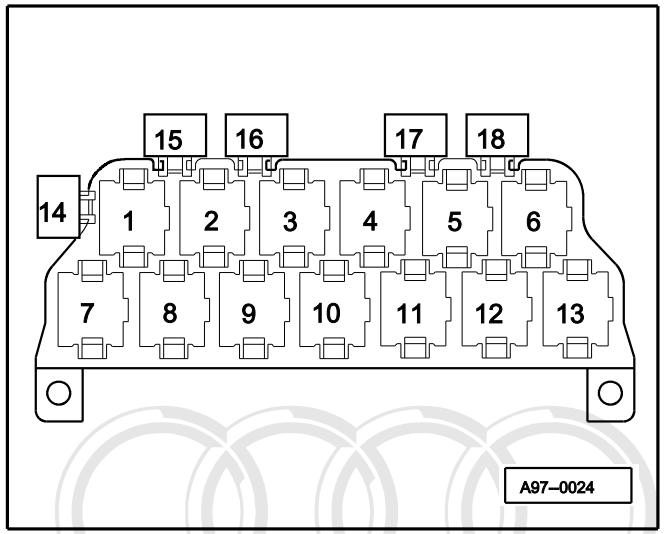
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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13-point relay carrier:



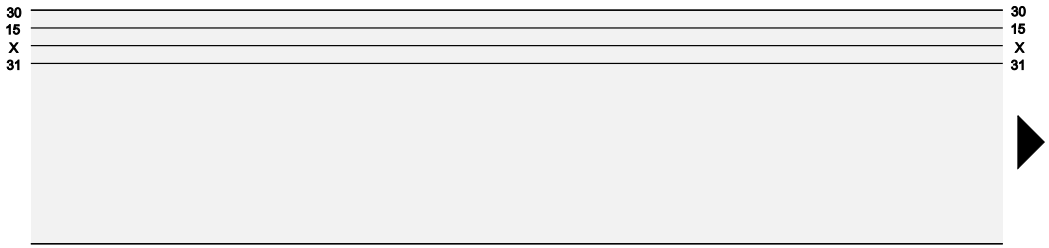
Position of relays:

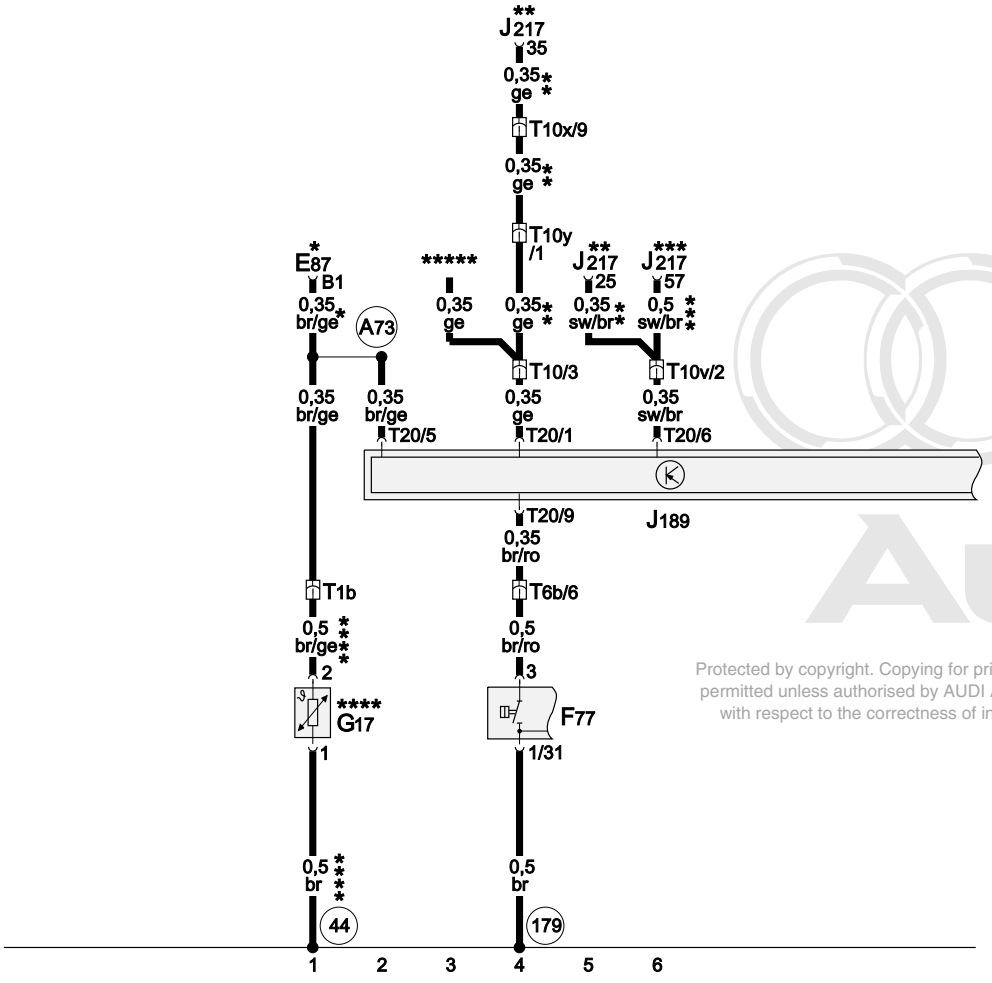
4 - Bulb monitoring control unit
5 - Bulb monitoring control unit

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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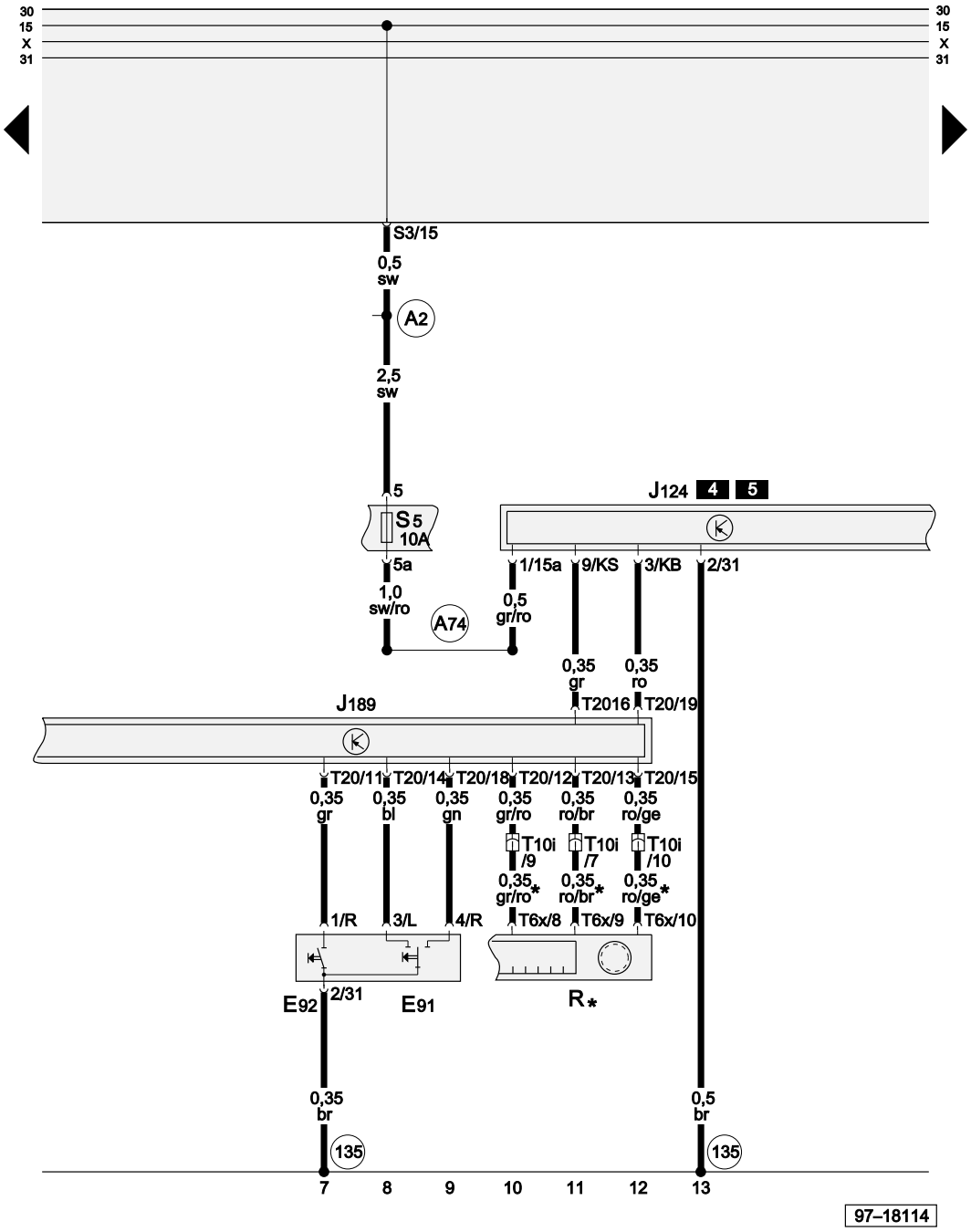


On-board computer with auto-check system, Audi Avant

E87	Control and display unit for air conditioner
F77	Windscreen washer fluid warning contact
G17	Ambient temperature sensor
J189	Auto-check system
J217	Automatic gearbox control unit
T1b	1-pin connector, brown, left connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on dash panel insert
44	Earth point, lower part of left A-pillar
179	Earth connection, in left headlight wiring harness
*	Only models with air conditioner
**	Only models with five-speed automatic gearbox
***	Only models with four-speed automatic gearbox
****	Only models with ambient temperature indicator
*****	See applicable engine version

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ge	=	yellow
or	=	orange
rs	=	pink

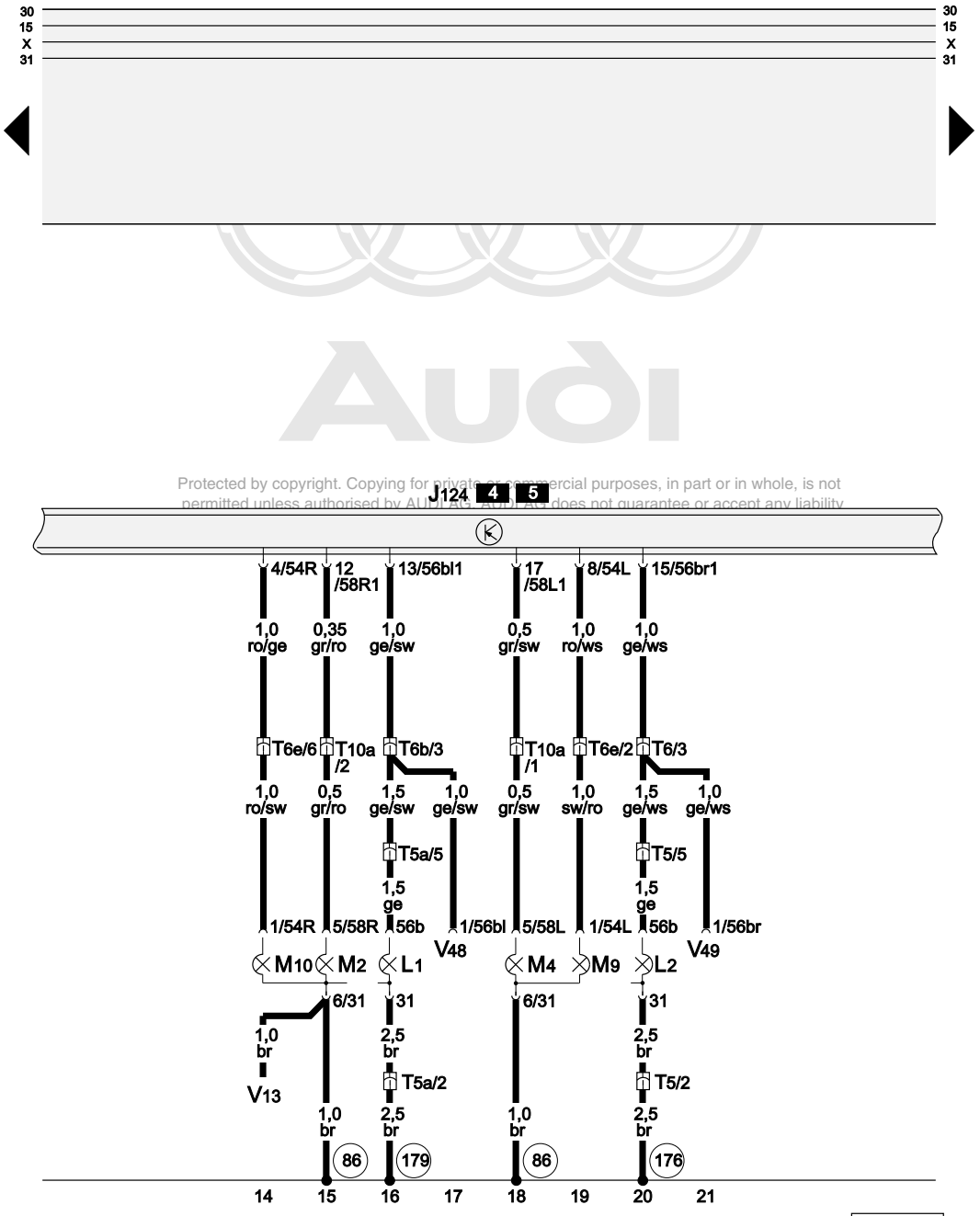


On-board computer with auto-check system, Audi Avant

E91	Function selection switch
E92	Reset button
J124	Bulb monitoring device
J189	Auto-check system
R	Radio
T6x	6-pin connector, green, on radio
T10i	10-pin connector, black, in centre console
T20	20-pin connector, red/white, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
*	Only models with radio (without radio Beta)

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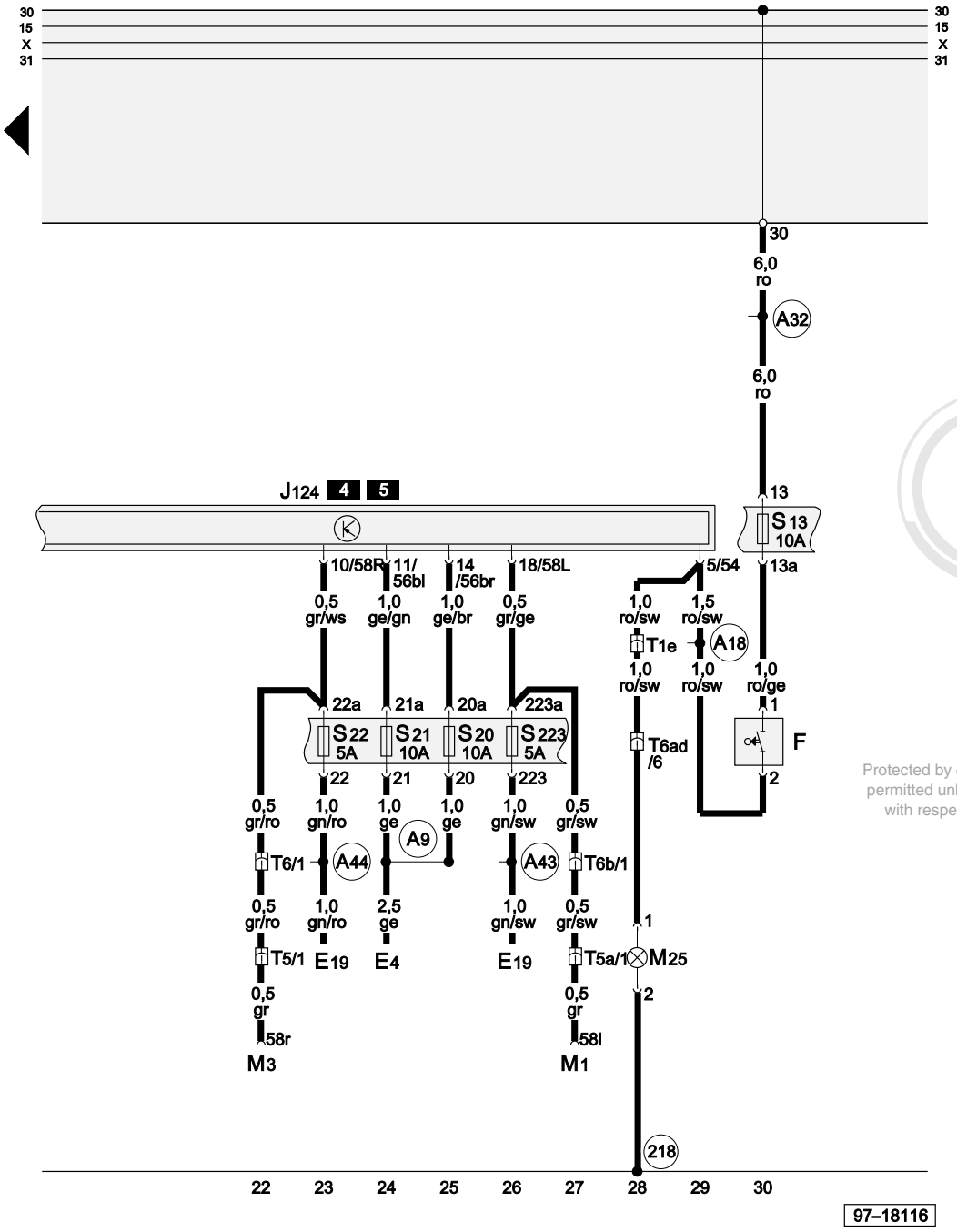


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rs = pink

On-board computer with auto-check system, Audi Avant

J124	Bulb monitoring device
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M9	Brake light bulb, left
M10	Brake light bulb, right
T5	5-pin connector, near headlight, right
T5a	5-pin connector, near headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
V13	Rear window washer pump
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness



On-board computer with auto-check system, Audi Avant

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
M25	High level brake light bulb
T1e	1-pin connector, black, left connector point, A pillar
T5	5-pin connector, near headlight, right
T5a	5-pin connector, near headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
218	Earth connection -1-, in tailgate/boot lid wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

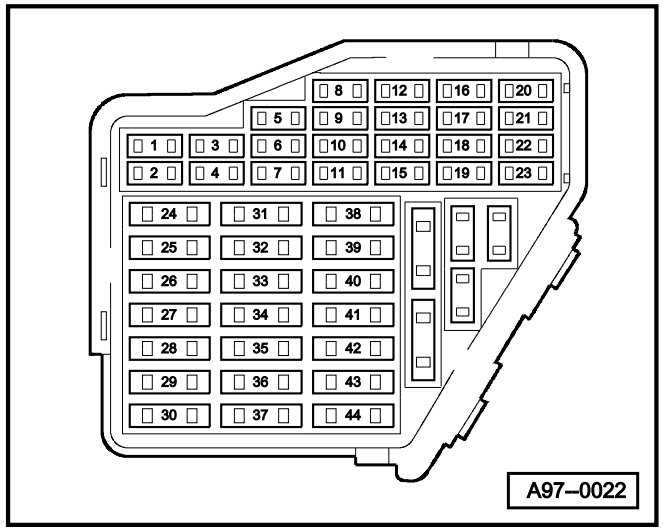
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Telephone AEG (D-network), Audi Avant

From model year 1996

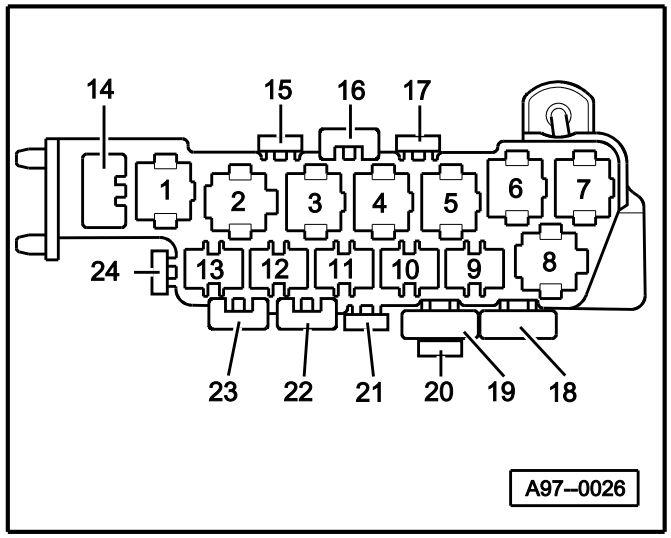
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



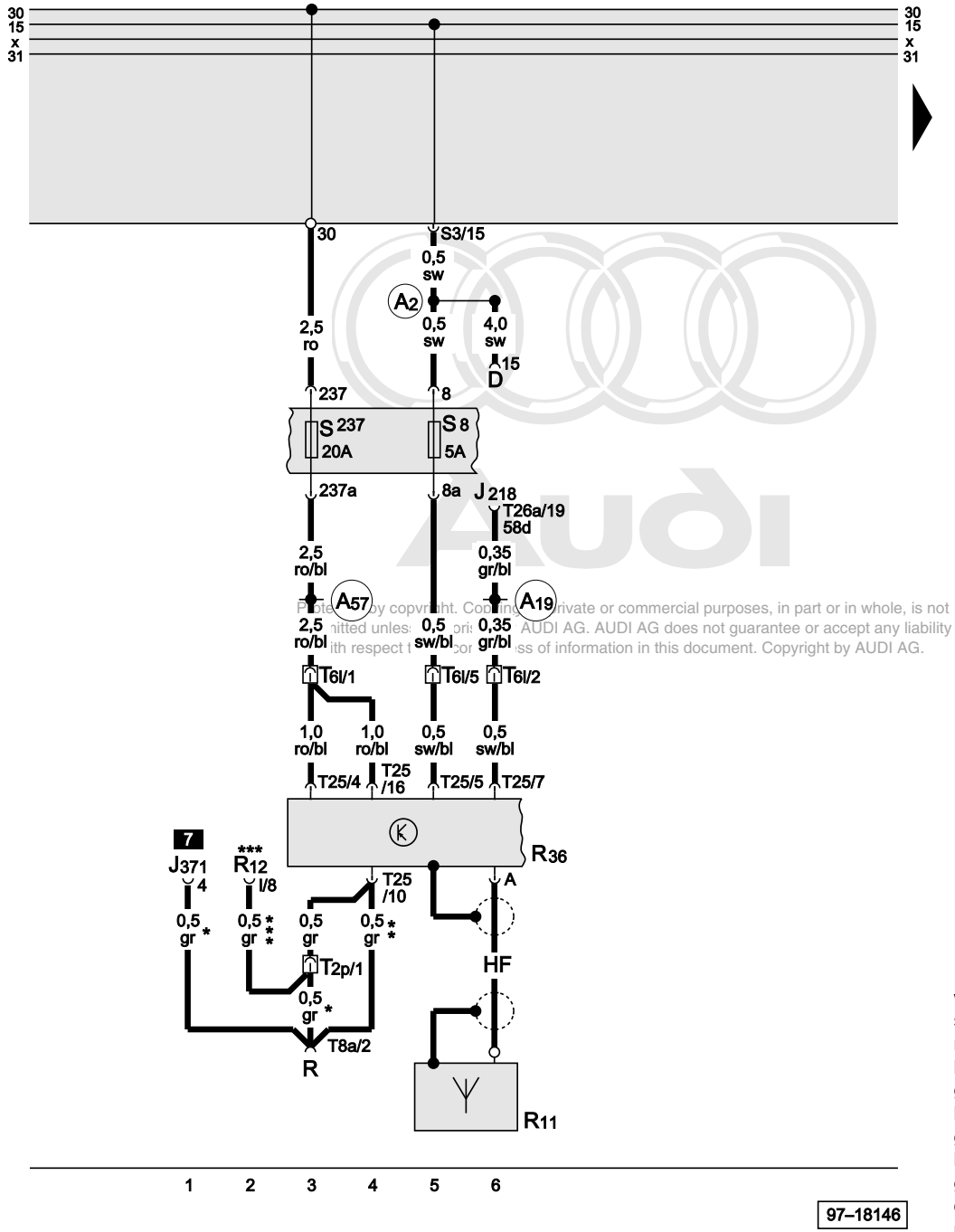
Position of relays:

7 - Telephone isolation relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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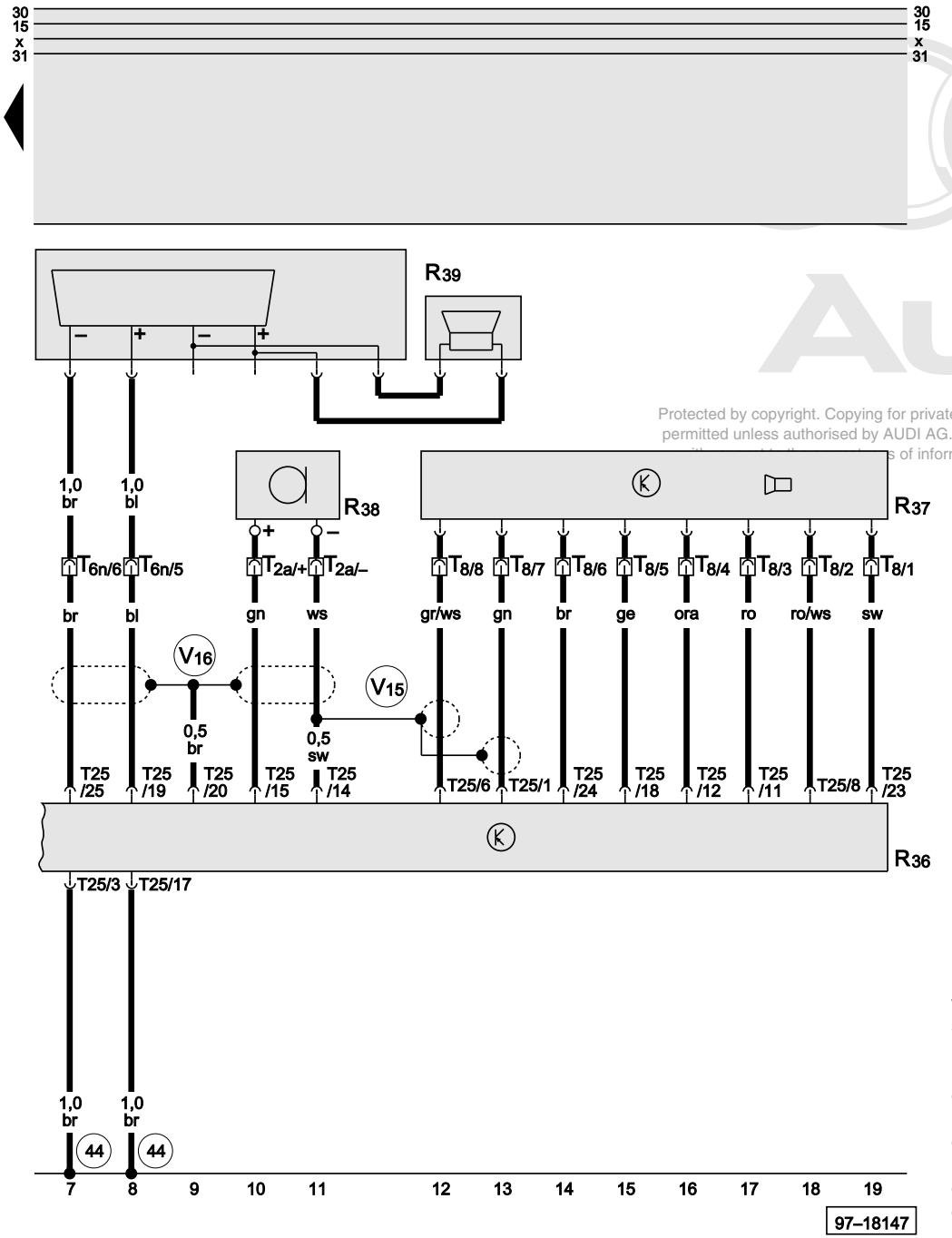


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Telephone AEG (D-network), Audi Avant

D	Ignition/starter switch
J218	Combi-processor in dash panel insert
J371	Telephone isolation relay
R	Radio
R11	Aerial
R12	Amplifier
R36	Telephone transmitter and receiver unit
T2p	2-pin connector, on radio
T6l	6-pin connector, brown, in centre console
T8a	8-pin connector, black, on radio
T25	32-pin connector, on telephone transmitter and receiver unit
T26a	26-pin connector, blue, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Does not apply to radio Beta
**	Only models with radio Beta
***	Only models with radio Bose sound system

ws	=	white
sw	=	black
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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Telephone AEG (D-network), Audi Avant

R36	Telephone transmitter and receiver unit
R37	Telephone handset
R38	Telephone microphone
R39	Loudspeaker for telephone
T2a	2-pin connector, at A pillar, left
T6n	6-pin connector, yellow, at A pillar, left
T8	8-pin connector, in centre console
T25	32-pin connector, on telephone transmitter and receiver unit
44	Earth point, lower part of left A-pillar
V15	Connection, in telephone wiring harness
V16	Connection (screening), in telephone wiring harness

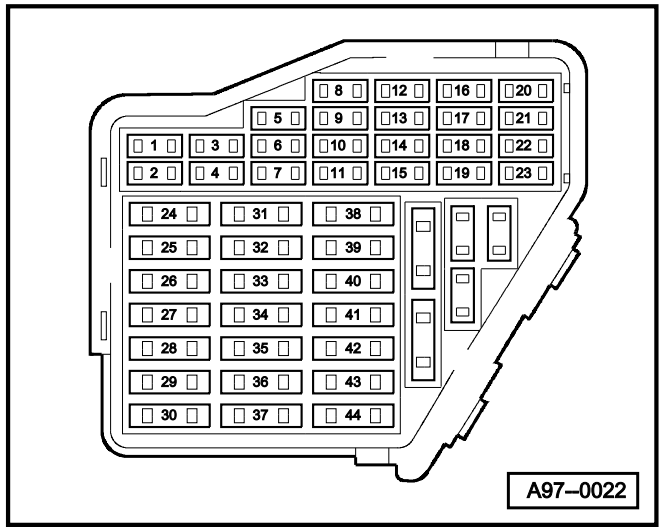
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Audi A4 (2,8 litre fuel injection engine, 142 kW, Motronic (5 valve), 6 cylinders), engine codes ACK

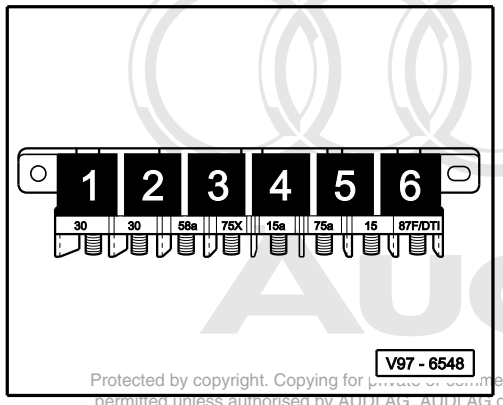
From March 1996

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



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Position of relays:

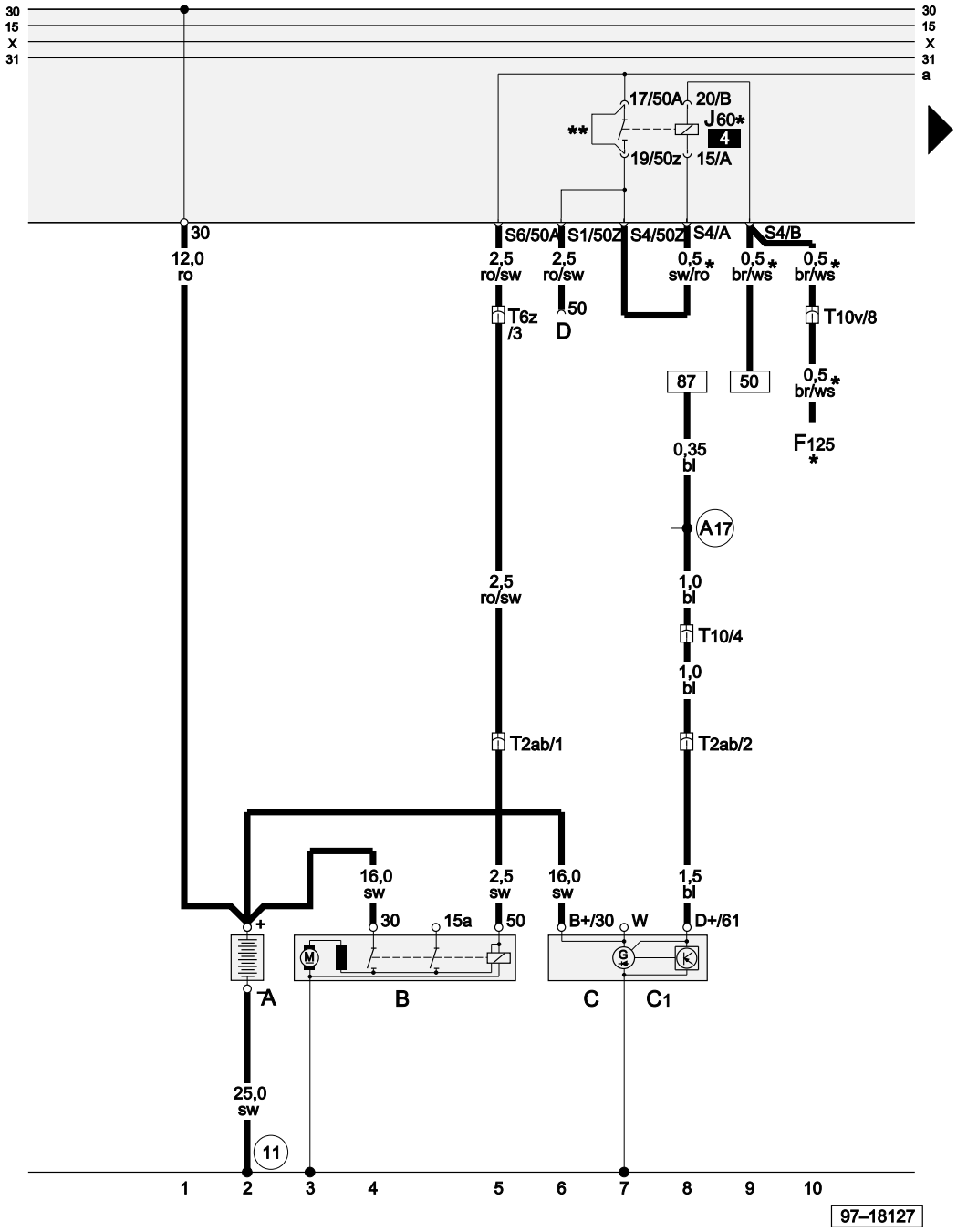
Bridge connection on models with manual gearbox

4 - Relay for automatic gearbox
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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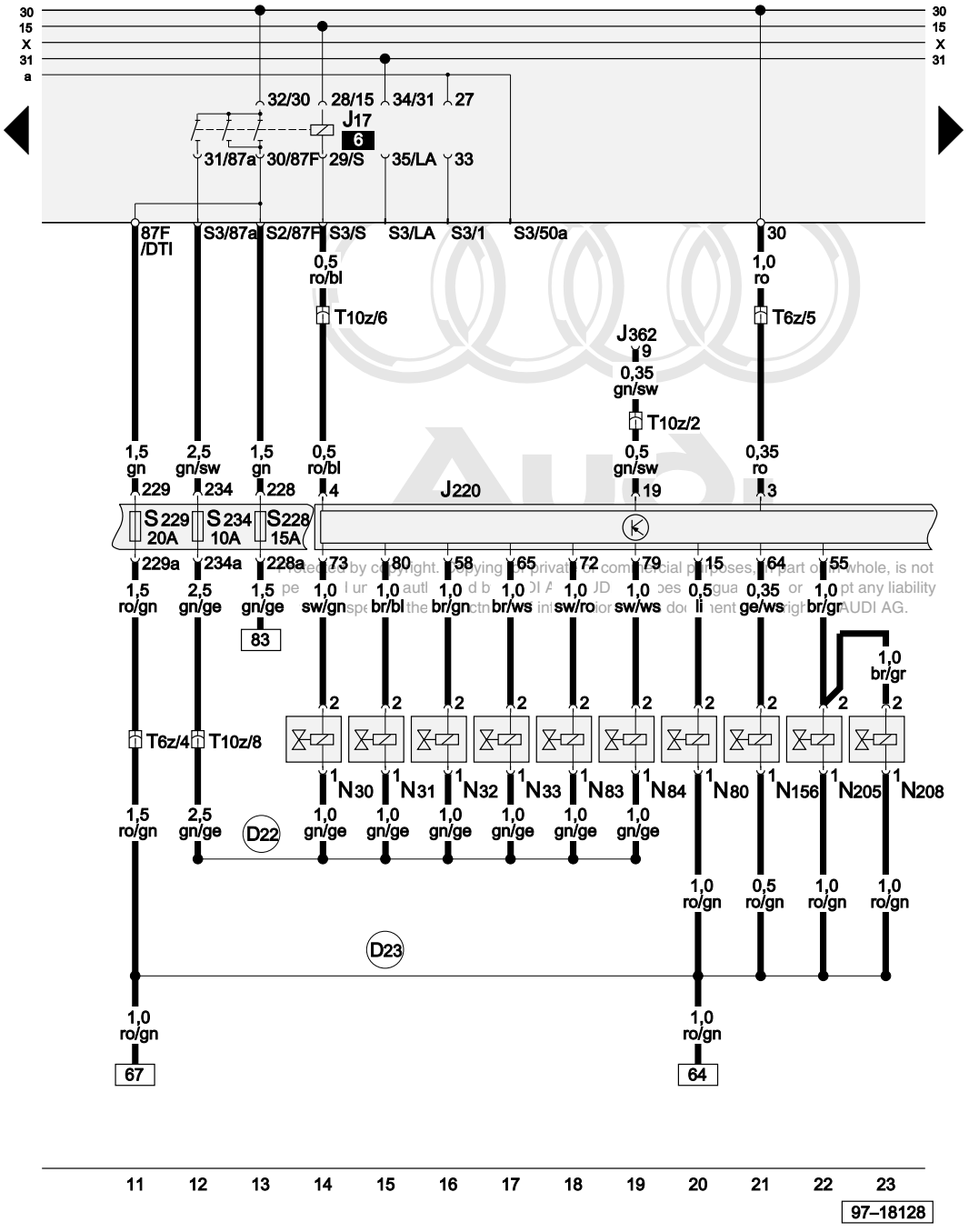


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Automatic gearbox relay
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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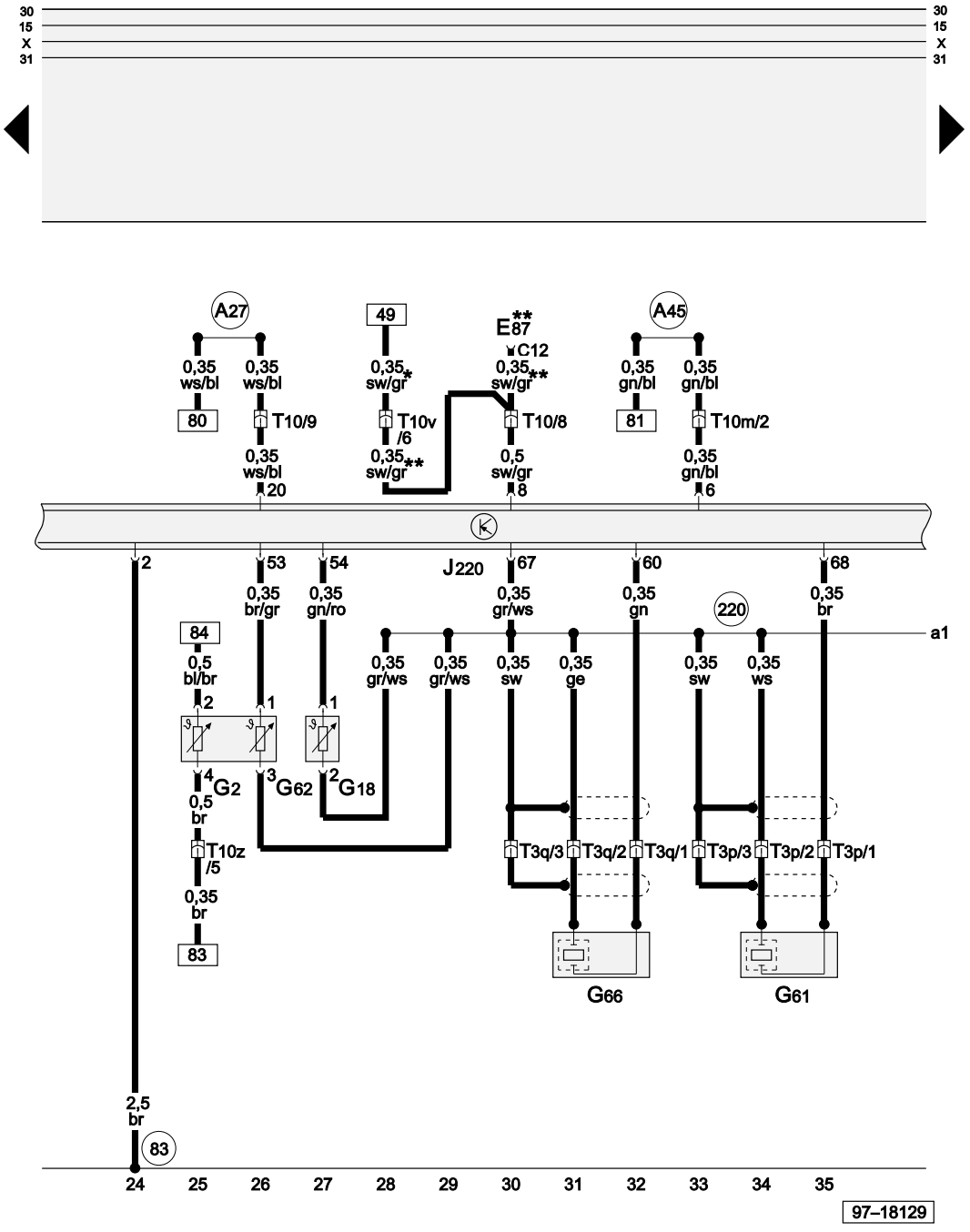
Audi

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Motronic control unit, fuel pump relay, injectors, inlet camshaft timing adjustment valve

J17	Fuel pump relay
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
N208	Inlet camshaft timing adjustment valve -2-
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D22	Connection (via fuse 234), in front right wiring harness
D23	Connection (via fuse 229), in front right wiring harness

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ro	=	red
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gn	=	green
bl	=	blue
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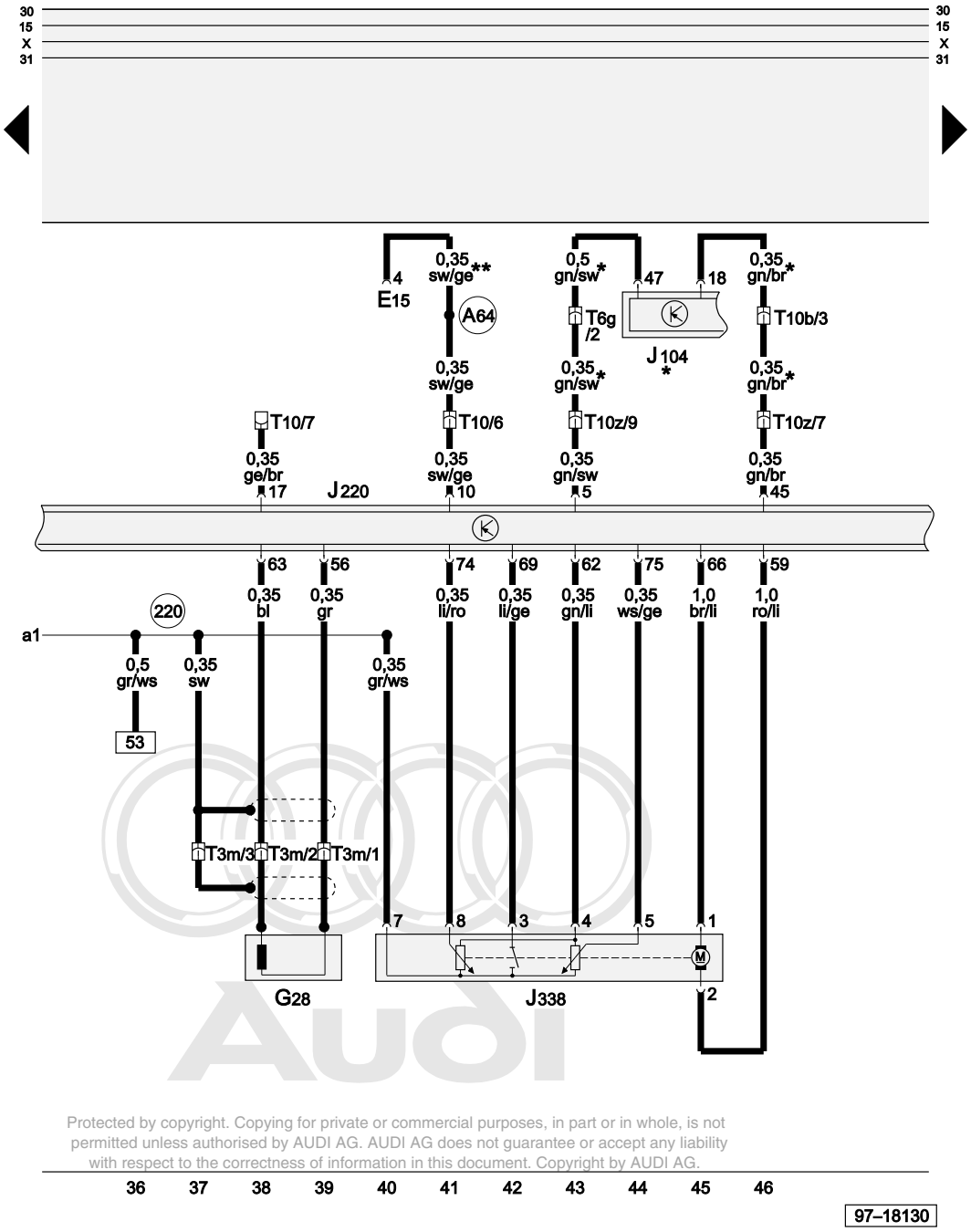


ws = white
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li = purple
ge = yellow
or = orange
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Motronic control unit, coolant temperature sender, knock sensors

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G18	Temperature sensor
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3p	3-pin connector, blue, in engine compartment, left
T3q	3-pin connector, blue, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
220	Earth connection (sender earth), in engine wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

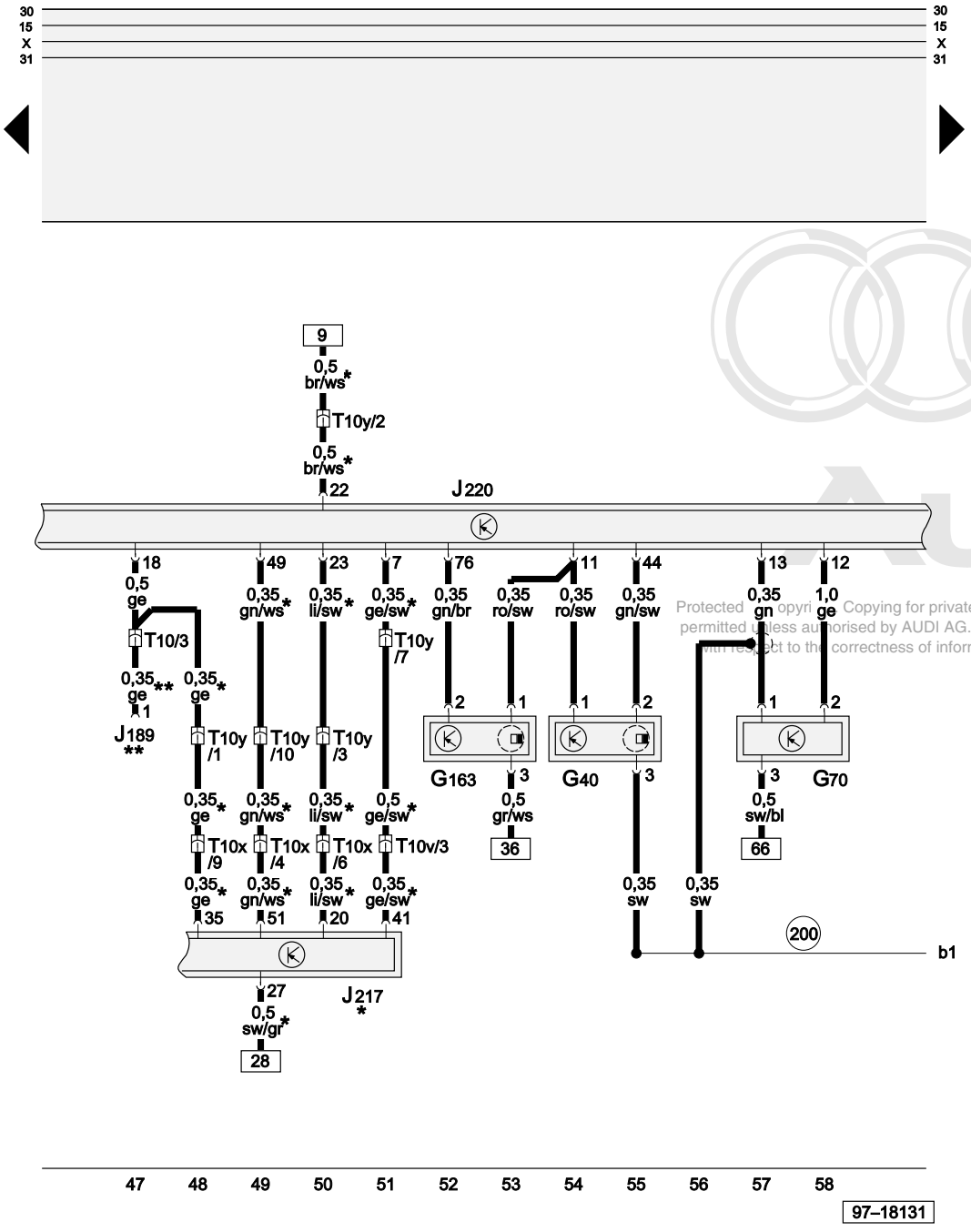
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Motronic control unit, throttle valve control unit, engine speed sender

E15	Heated rear window switch
G28	Engine speed sender
J104	ABS with EDL control unit
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, grey, right connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
*	See applicable Current Flow Diagram: ABS
**	Not models with air conditioner

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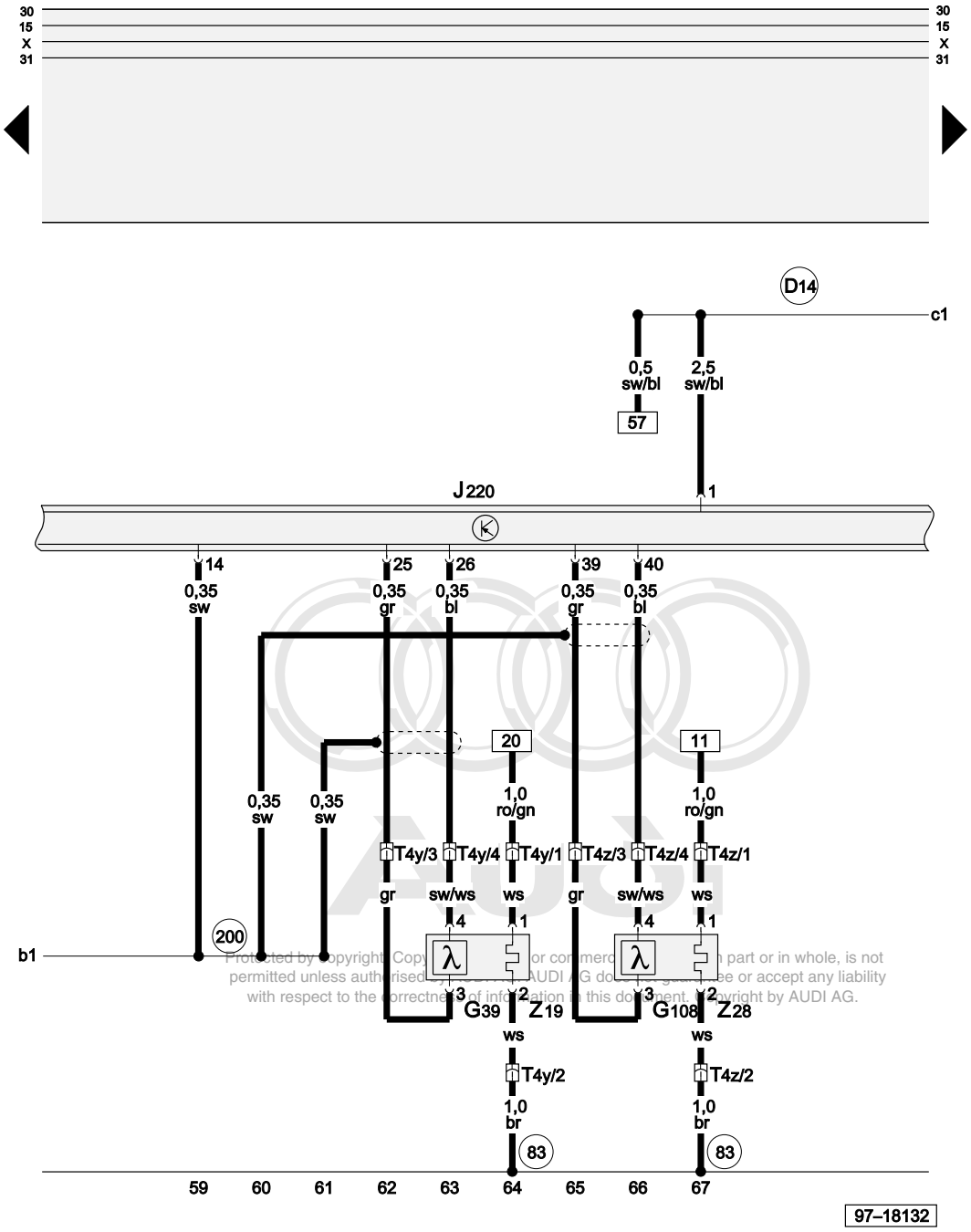


Motronic control unit, hall sender, air mass meter

G40	Hall sender 1
G70	Air mass meter
G163	Hall sender 2
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
200	Earth connection (screening), in engine compartment wiring harness
*	Only models with automatic gearbox
**	Only models with auto-check system

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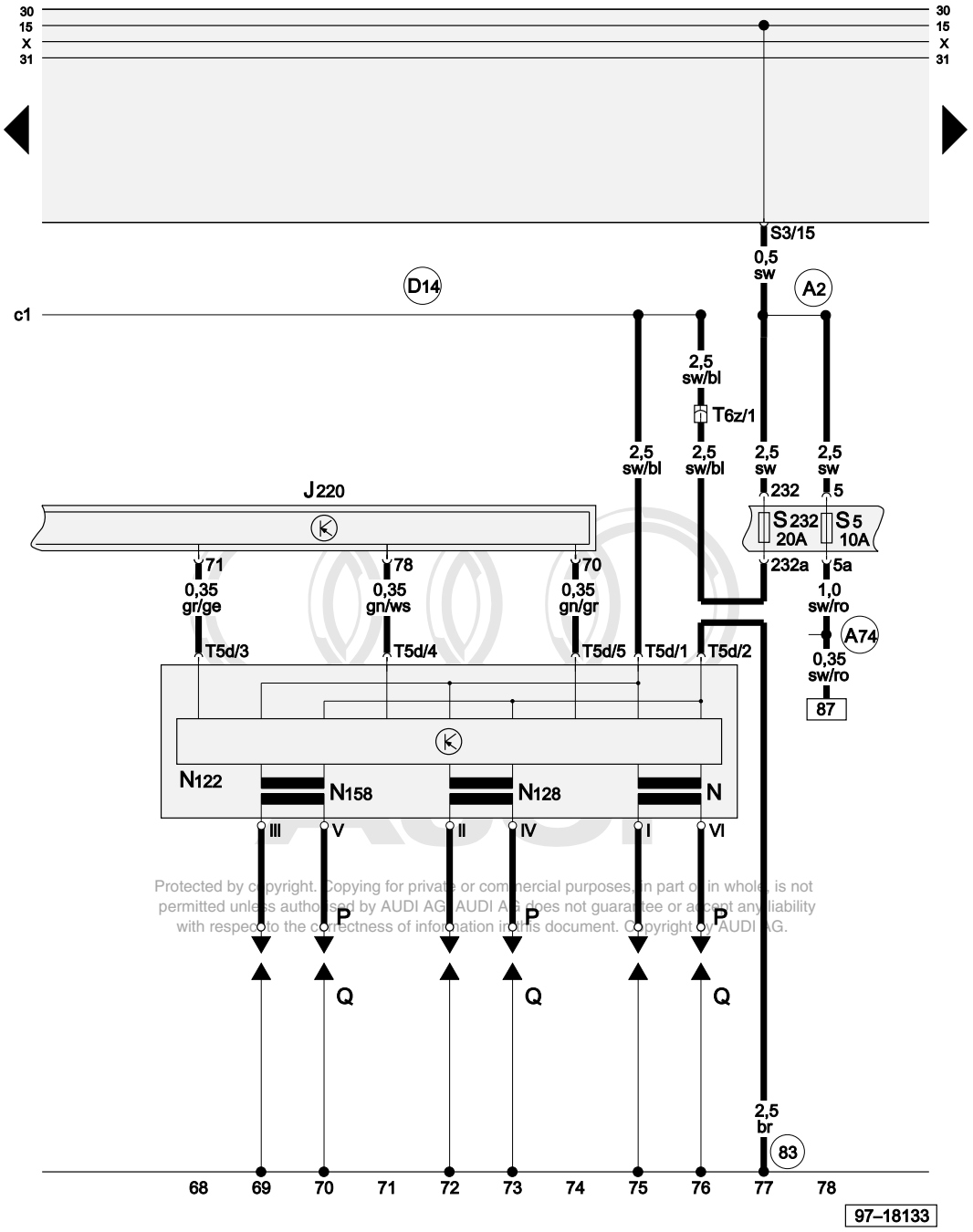


Motronic control unit, lambda probes with heating

G39	Lambda probe 1
G108	Lambda probe 2
J220	Motronic control unit
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
Z19	Lambda probe 1 heater
Z28	Lambda probe 2 heater
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness

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Motronic control unit, ignition system

J220	Motronic control unit
N	Ignition coil 1
N122	Final output stage 1
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T5d	5-pin connector, near ignition coil
T6z	6-pin connector, red, connector point, electronics box, plenum chamber

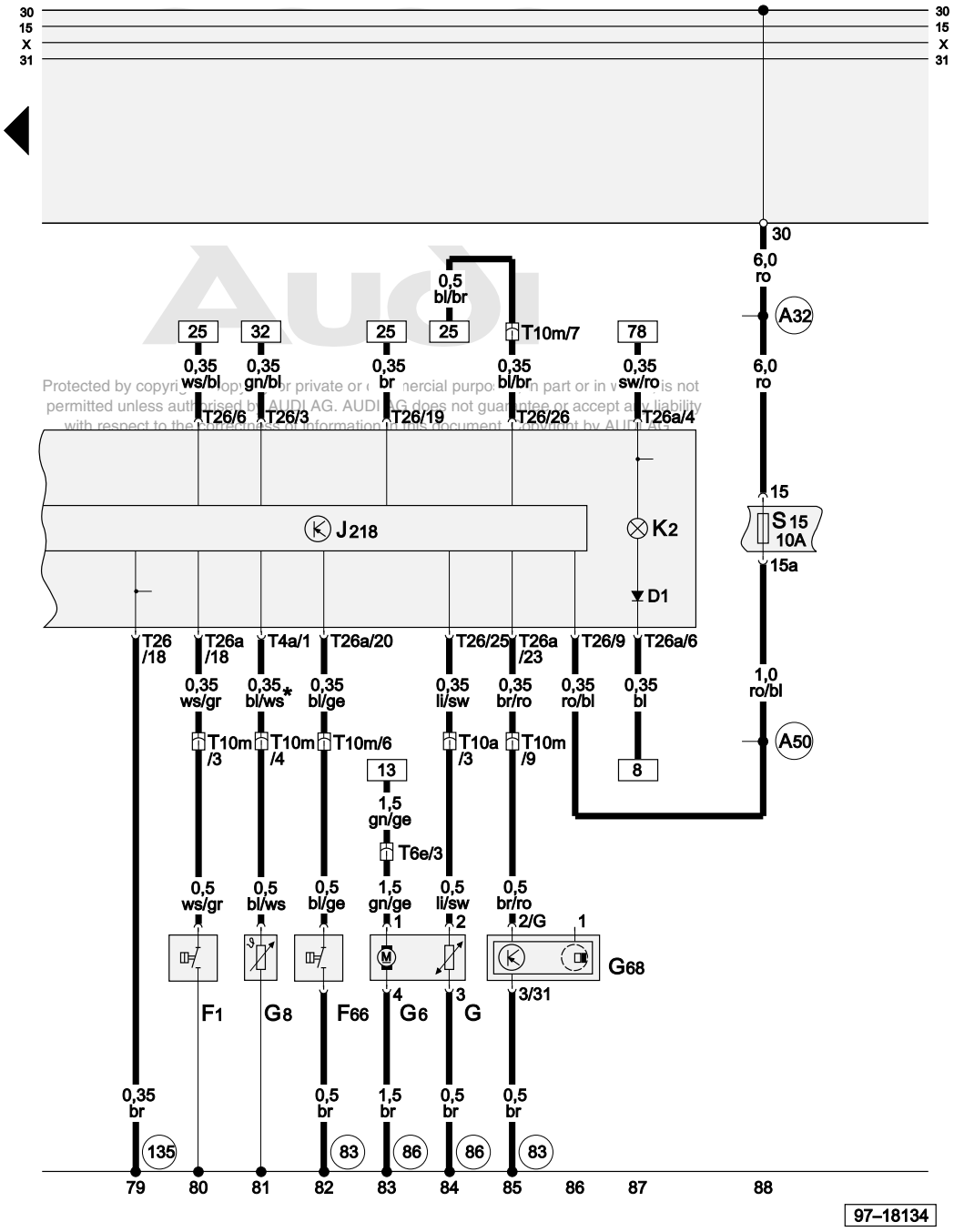
(83) Earth connection -1-, in front right wiring harness

(A2) Positive (+) connection (15), in dash panel wiring harness

(A74) Positive (+) connection (15a, fuse 5), in dash panel wiring harness

(D14) Connection (ignition coil - control unit), in front right wiring harness

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Dash panel insert, combi-processor in dash panel insert, vehicle speed sender, oil pressure switch, fuel pump

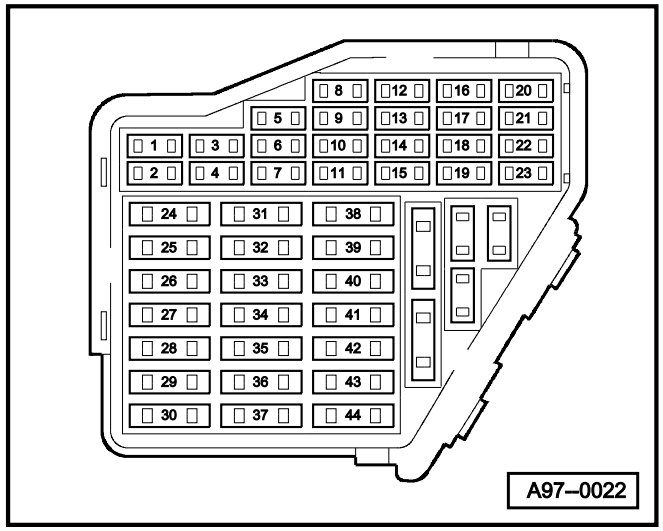
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G8	Oil temperature sender
G68	Vehicle speed sender (inductive sender, 2 connections)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

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4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

From model year 1996

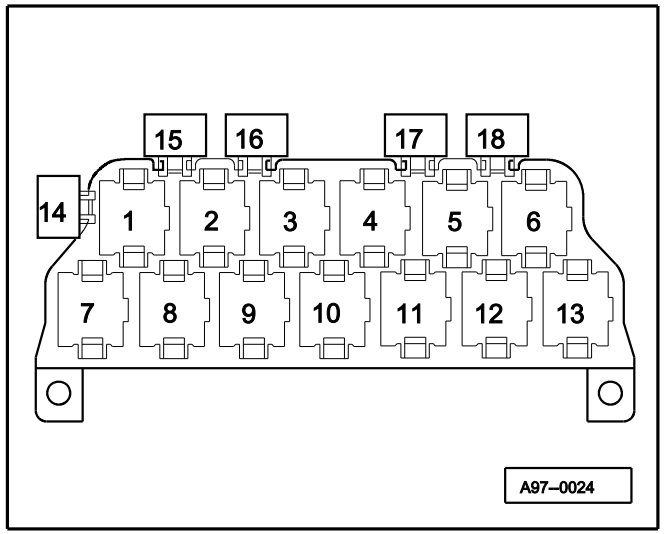
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:



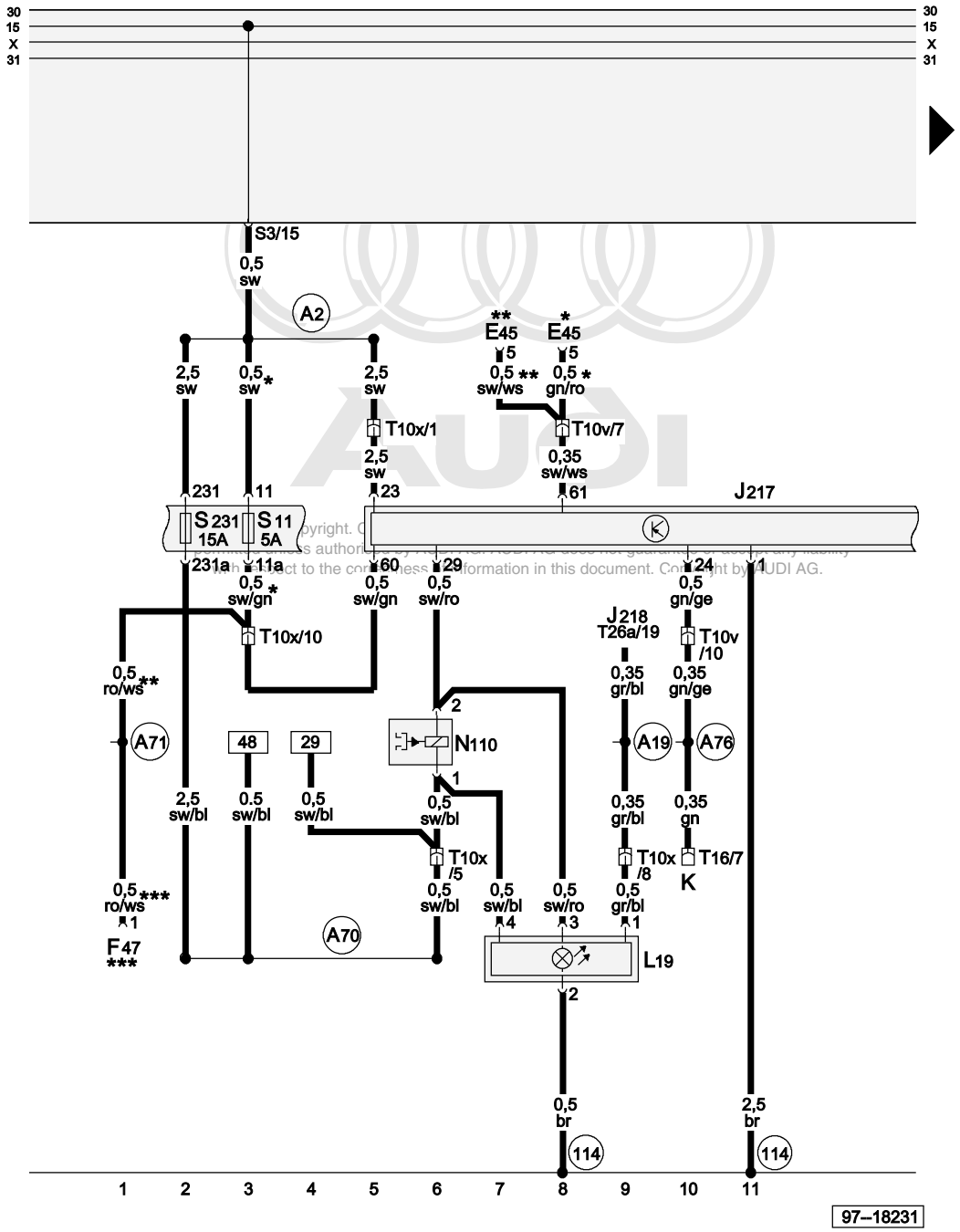
Position of relays:

13 - Starter inhibitor and reversing light relay

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

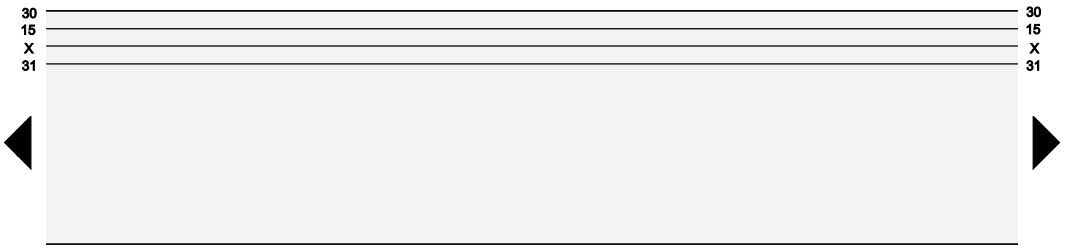
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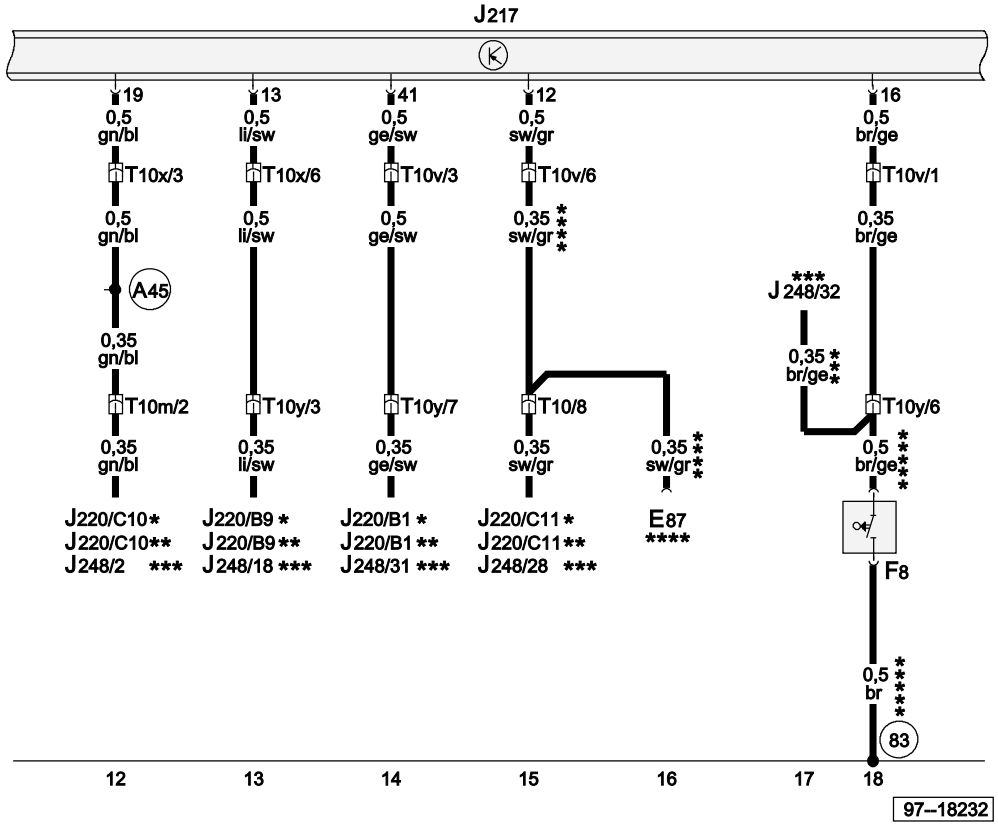


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

E45	Cruise control system switch
F47	Cruise control system brake pedal switch (diesel direct injection system)
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
L19	Gear selector display light bulb
N110	Selector lever lock solenoid
S11	Fuse in fuse box/relay plate
S231	Fuse in fuse box
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with cruise control system (1.6 litre Motronic, 74 kW and 1.8 litre Motronic, 92 kW, 4-cylinder)
**	Only models with cruise control system (1.9 litre turbo-diesel engines)
***	Only applies to 1.9 litre turbo-diesel engines



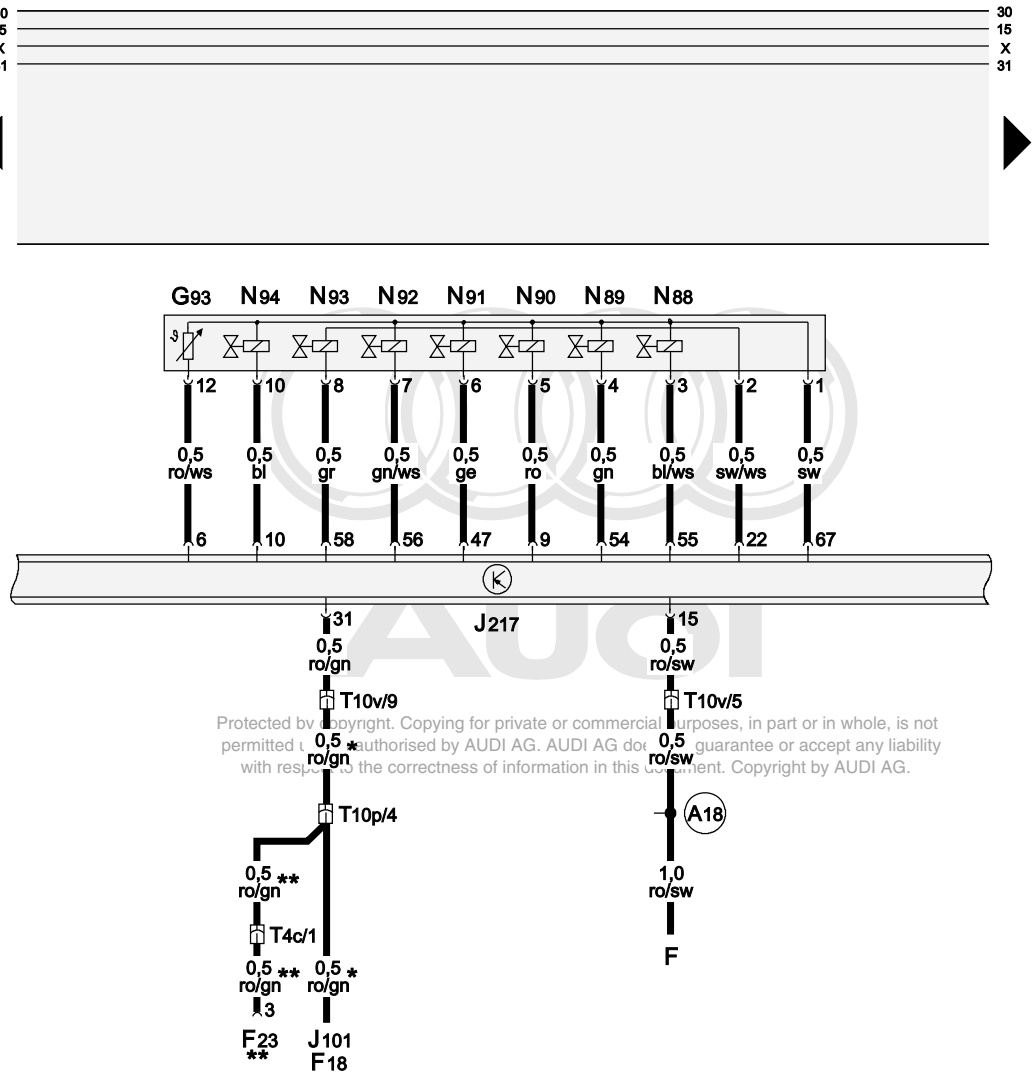


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sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

E87	Control and display unit for air conditioner/Climatronic
F8	Kick-down switch
J217	Automatic gearbox control unit
J220	Motronic control unit
J248	Diesel direct injection system control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only applies to 1.6 litre Motronic, 74 kW, 4-cylinder
**	Only applies to 1.8 litre Motronic, 92 kW, 4-cylinder
***	Only applies to 1.9 litre turbo-diesel engines
****	Only models with air conditioner
*****	Only applies to 1.6 litre Motronic, 74 kW, 4-cylinder and 1.8 litre Motronic, 92 kW, 4-cylinder

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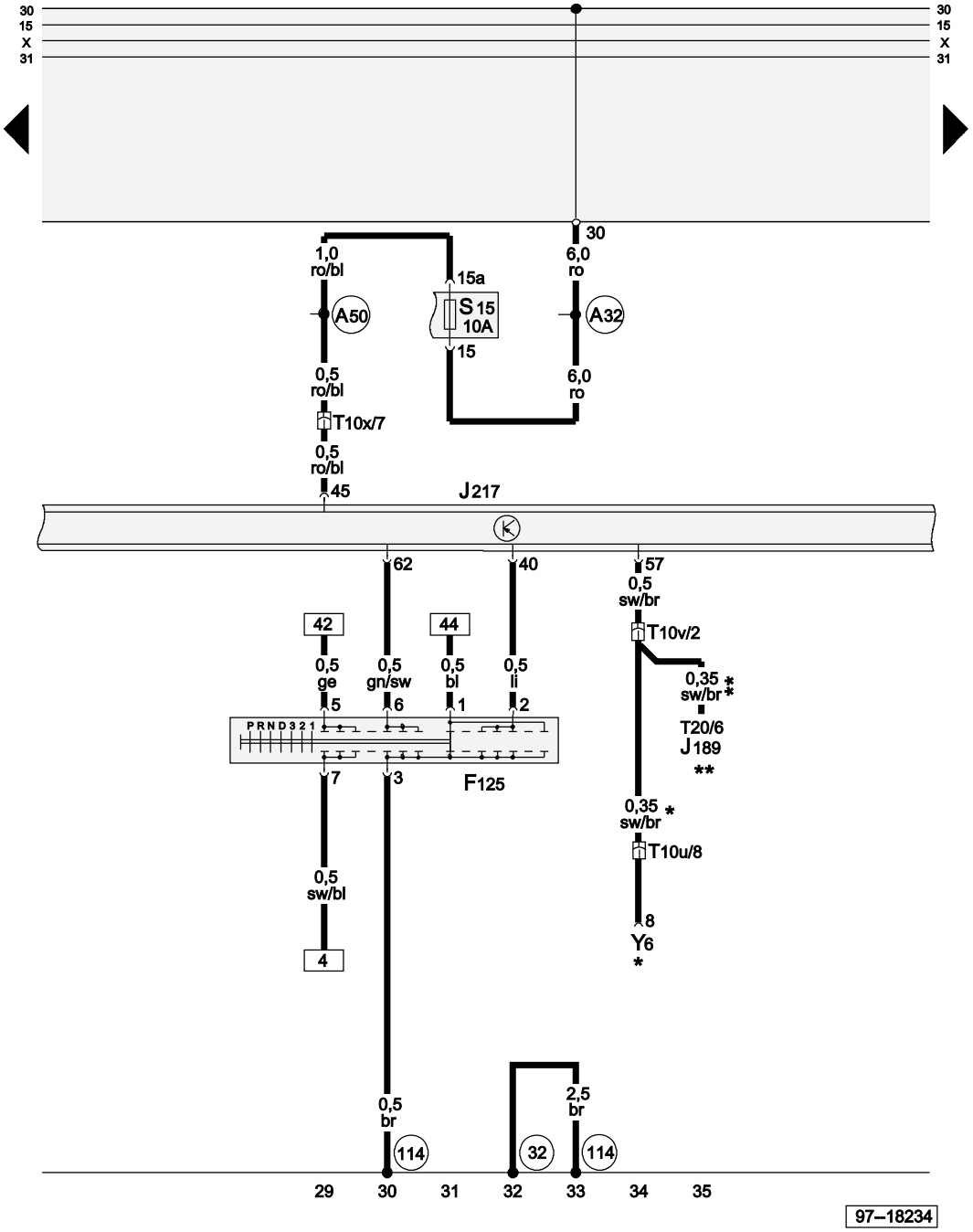


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4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

F	Brake light switch
F18	Radiator fan thermo-switch
F23	High pressure switch for air conditioner
G93	Gearbox oil temperature sender
J101	Radiator fan 2nd speed relay
J217	Automatic gearbox control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
A18	Connection (54), in dash panel wiring harness
*	Only applies to 1.9 litre turbo-diesel engines
**	Only models with air conditioner (1.9 litre turbo-diesel engines)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

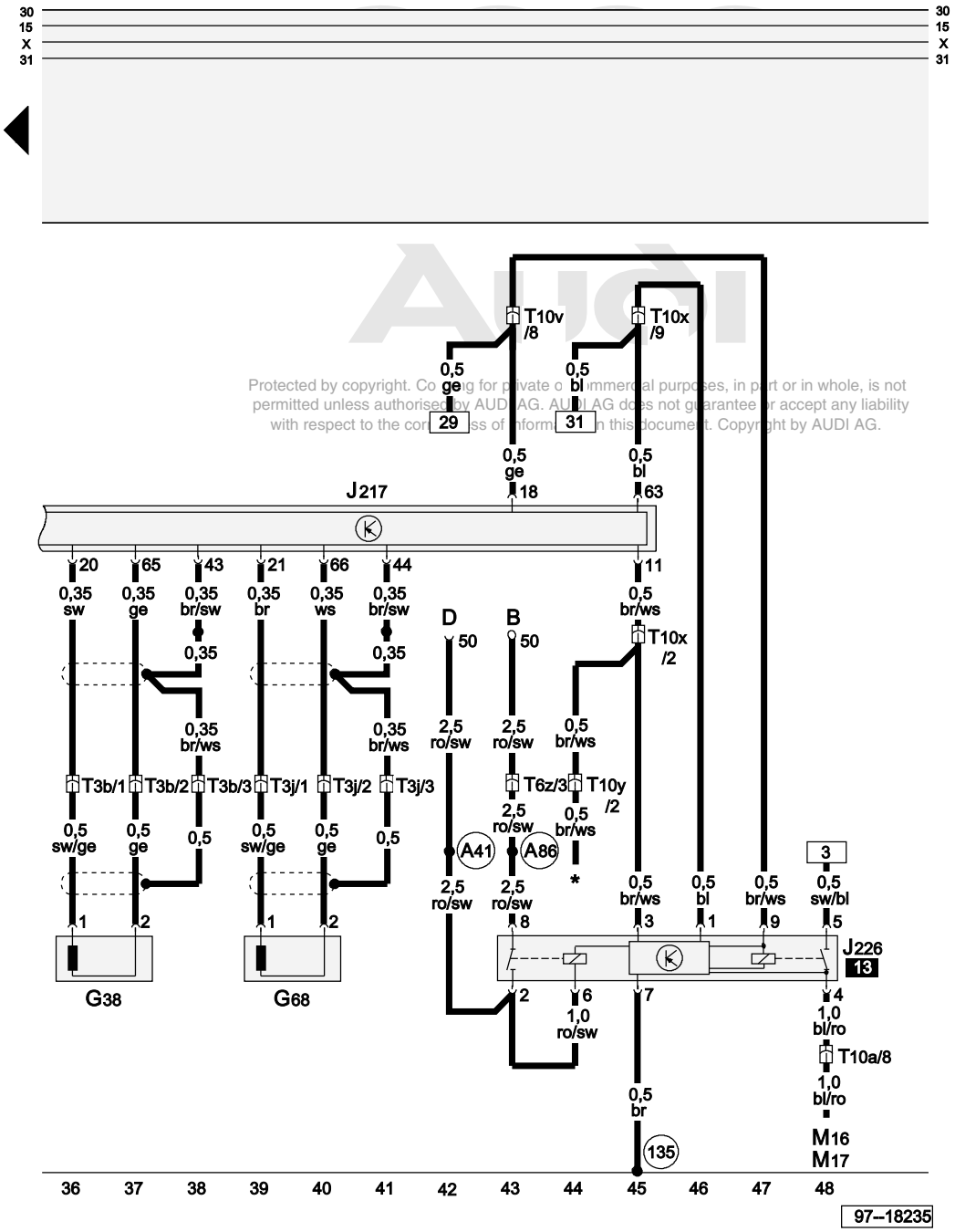


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

F125	Multi-function switch
J189	Auto-check system
J217	Automatic gearbox control unit
S15	Fuse in fuse box/relay plate
T10u	10-pin connector, black, behind dash panel, centre
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T20	20-pin connector, black, on dash panel insert
Y6	Selector lever position indicator
32	Earth point, behind dash panel, left
114	Earth connection, in automatic gearbox wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only applies to selector lever position indicator
**	Only applies to on-board computer with auto-check system

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rs = pink

4-speed automatic gearbox with selector lever lock (01N), applicable from January 1996 onwards

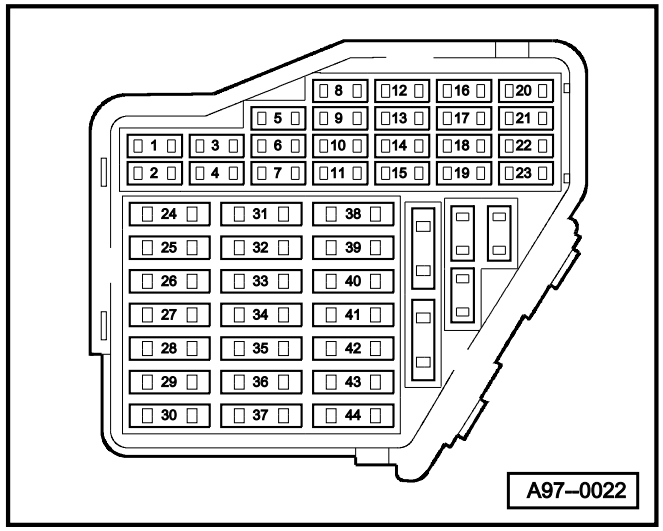
B	Starter
D	Ignition/starter switch
G38	Gearbox speed sender
G68	Vehicle speed sender (inductive sender, 2 connections)
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3b	3-pin connector, brown, on gearbox
T3j	3-pin connector, black, on gearbox
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
135	Earth connection -2-, in dash panel wiring harness
A41	Positive (+) connection (50), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	P/N signal (depending on engine version)

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Audi A4 (2.8 litre fuel injection engine, 142 kW, Motronic (5 valve), 6 cylinder), engine codes ACK

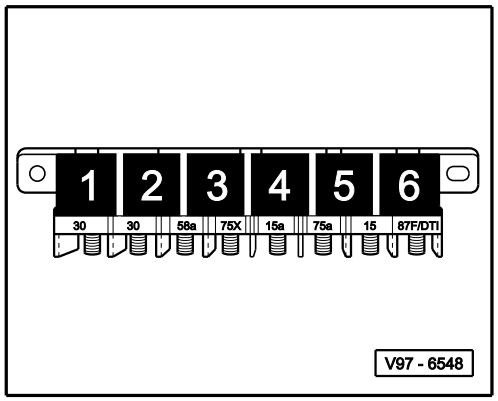
From model year 1997

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

1 - X contact relief relay
2 - Horn relay

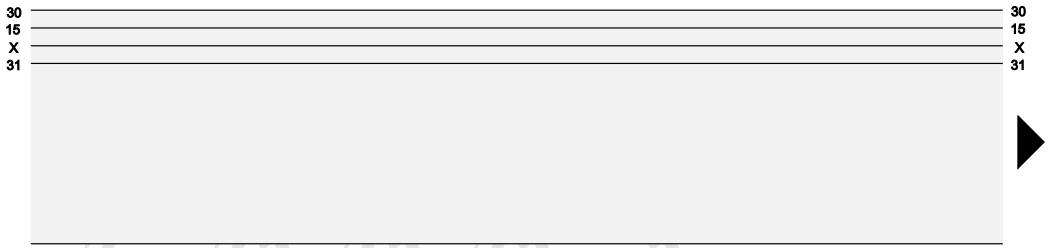
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3 - Headlight washer system relay
4 - Bridge connection on models with manual gearbox
4 - Relay for automatic gearbox
5 - Automatic intermittent wash/wipe relay
6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

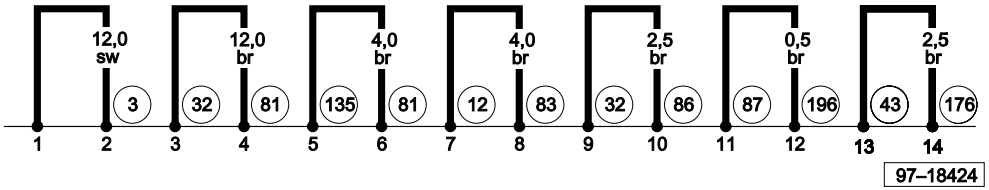
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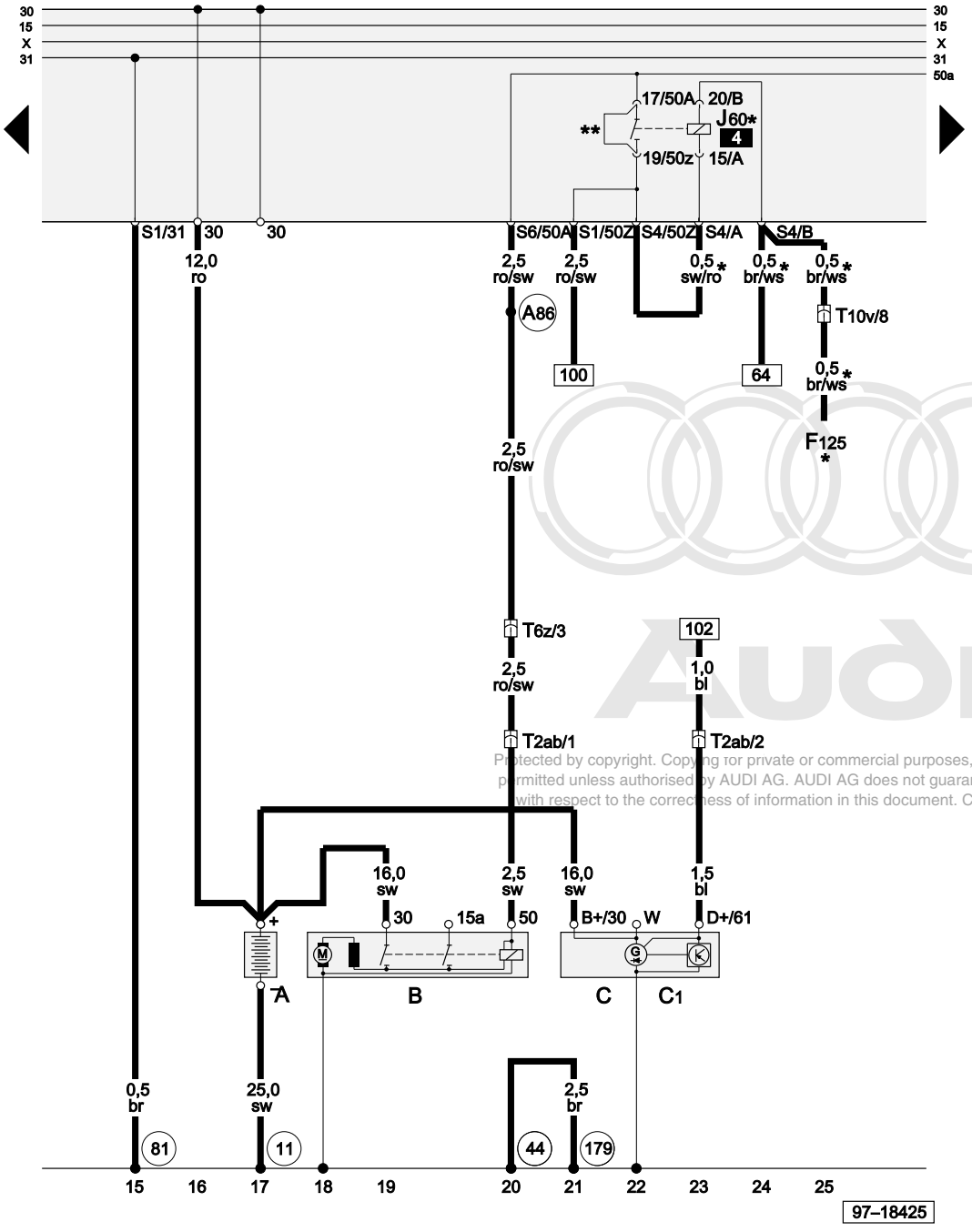
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Earth connections

3	Earth strap, engine support right, to longitudinal member right, front
12	Earth point, in engine compartment, left
32	Earth point, behind dash panel, left
43	Earth point, lower part of right A-pillar
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
196	Earth connection -3-, in rear wiring harness



ws	=	white
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gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

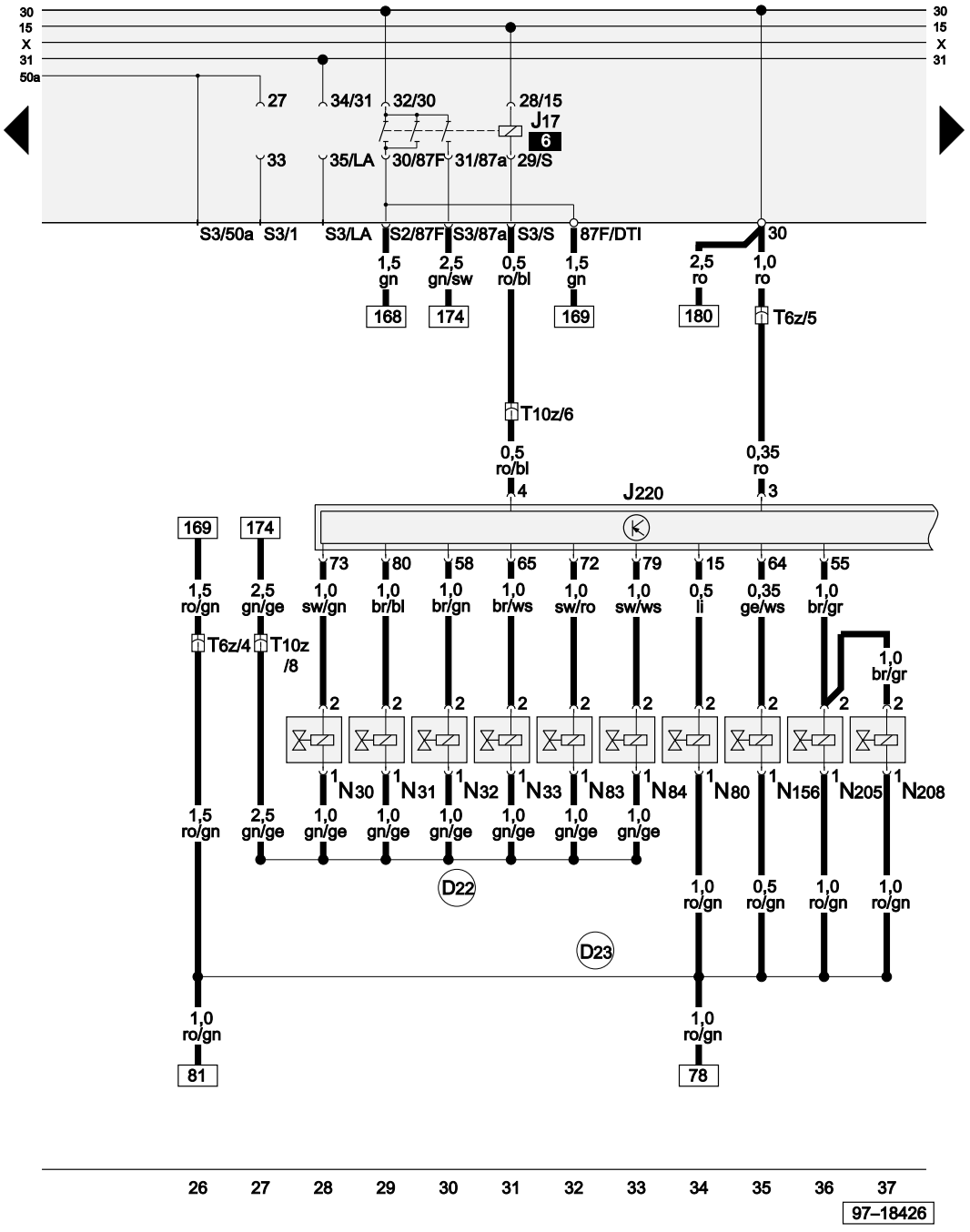


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
F125	Multi-function switch
J60	Relay for automatic gearbox
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
44	Earth point, lower part of left A pillar
81	Earth connection -1-, in dash panel wiring harness
179	Earth connection, in left headlight wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

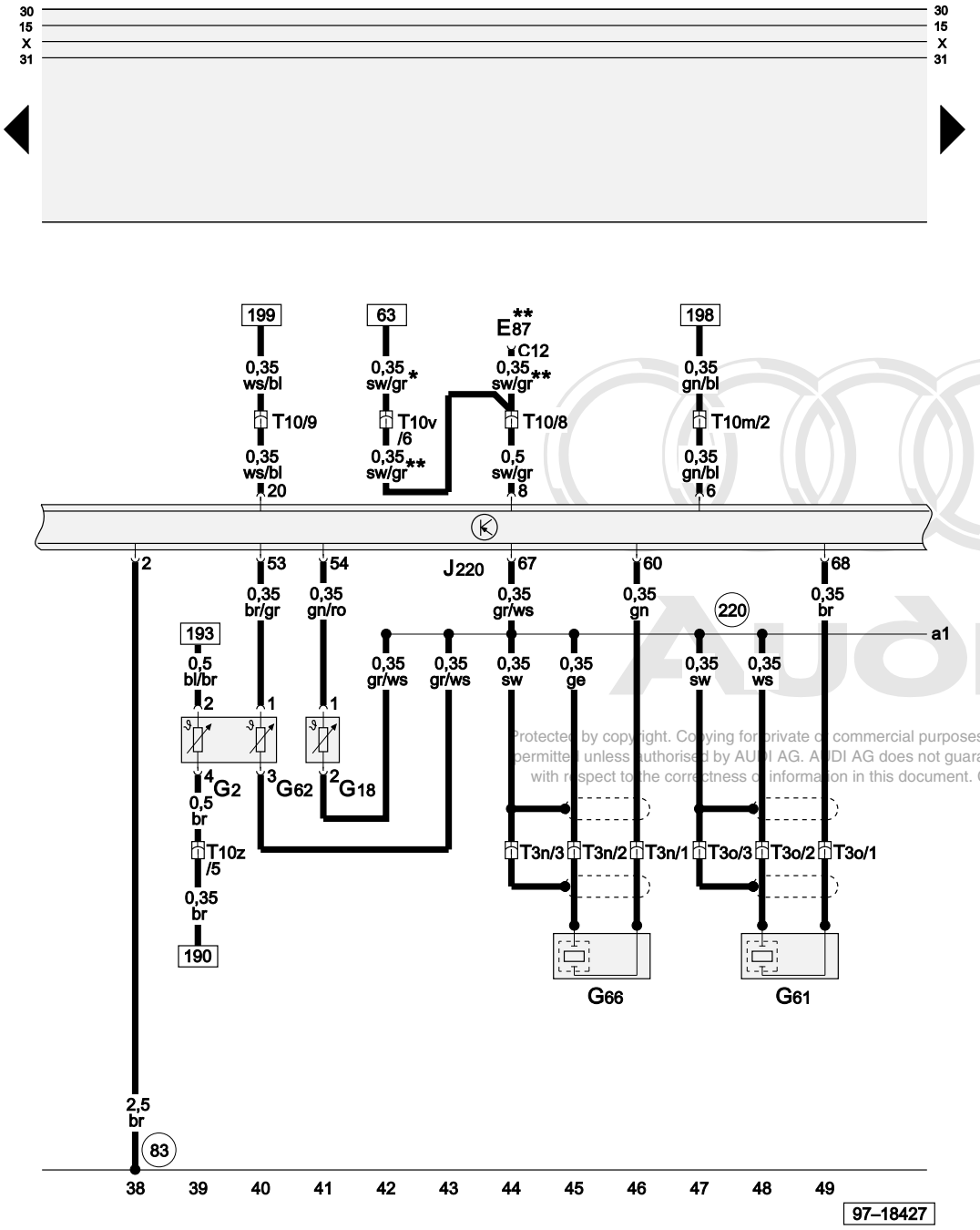


Motronic control unit, fuel pump relay, injectors

J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
N208	Inlet camshaft timing adjustment valve -2-
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D14	Connection (ignition coil - control unit), in front right wiring harness
D22	Connection (via fuse 234), in front right wiring harness

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rs	=	pink

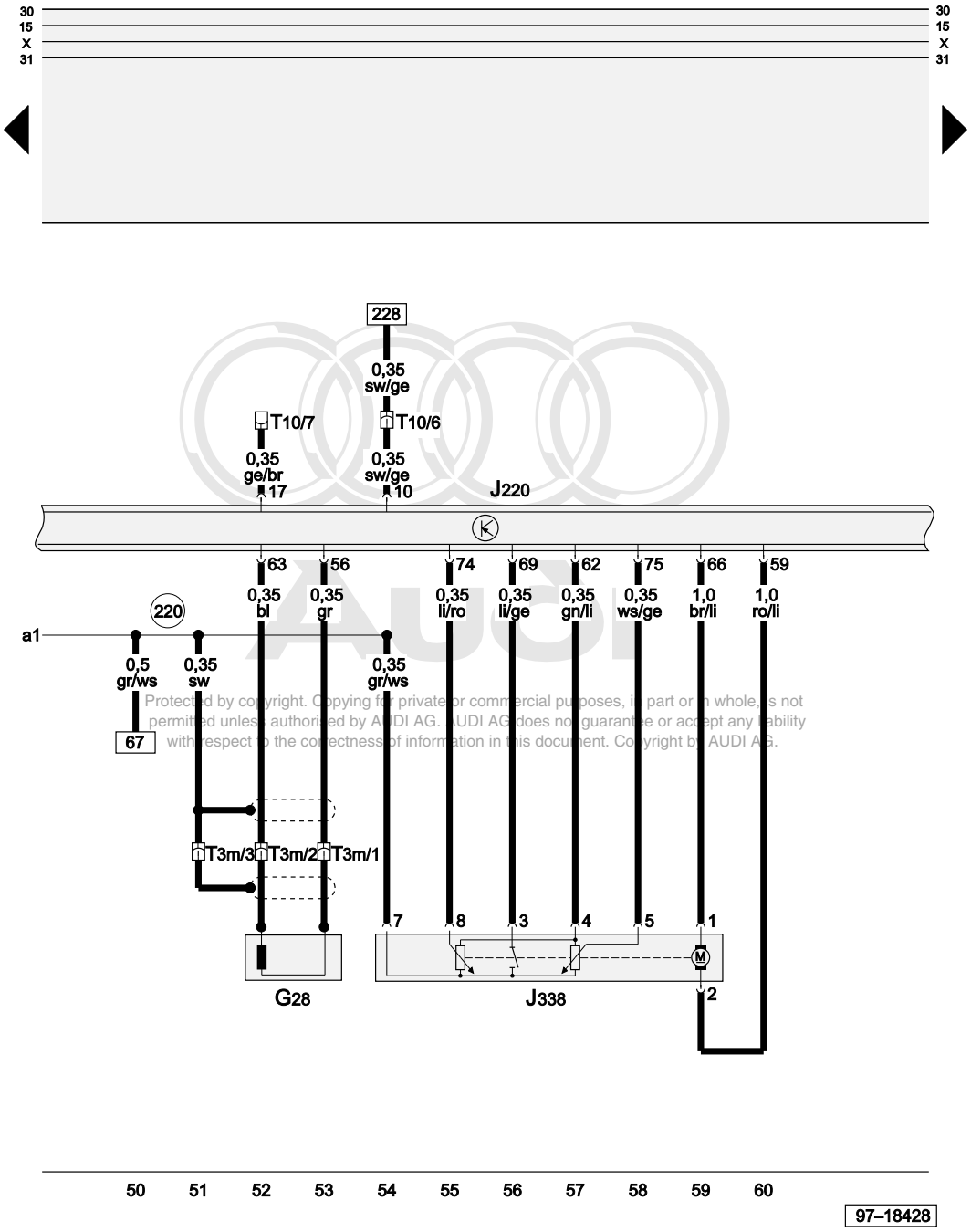


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Motronic control unit, coolant temperature sender, knock sensors

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G18	Temperature sensor
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum
83	Earth connection -1-, in front right wiring harness
220	Earth connection (sender earth), in engine wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

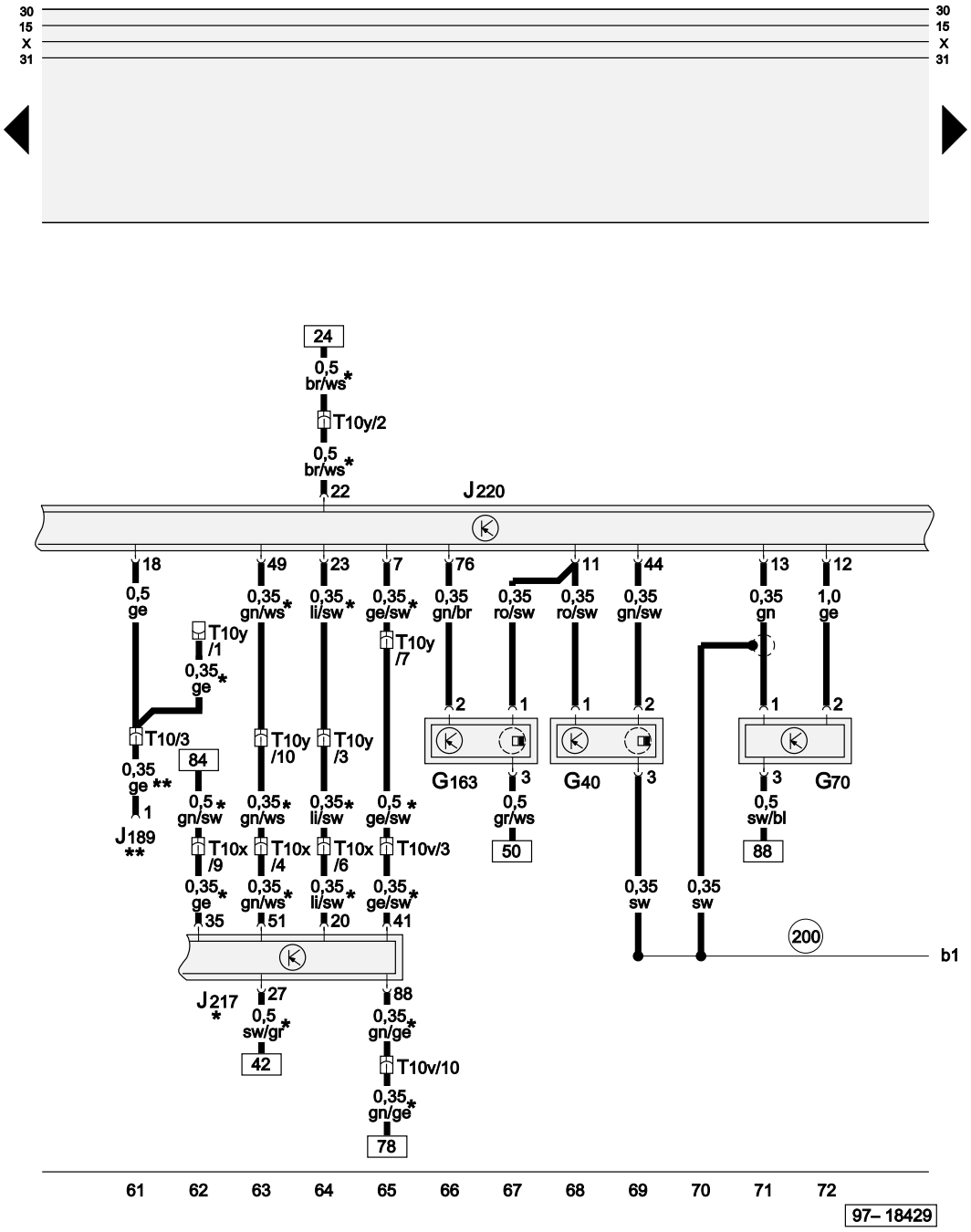


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Motronic control unit, engine speed sender, throttle valve control unit

G28	Engine speed sender
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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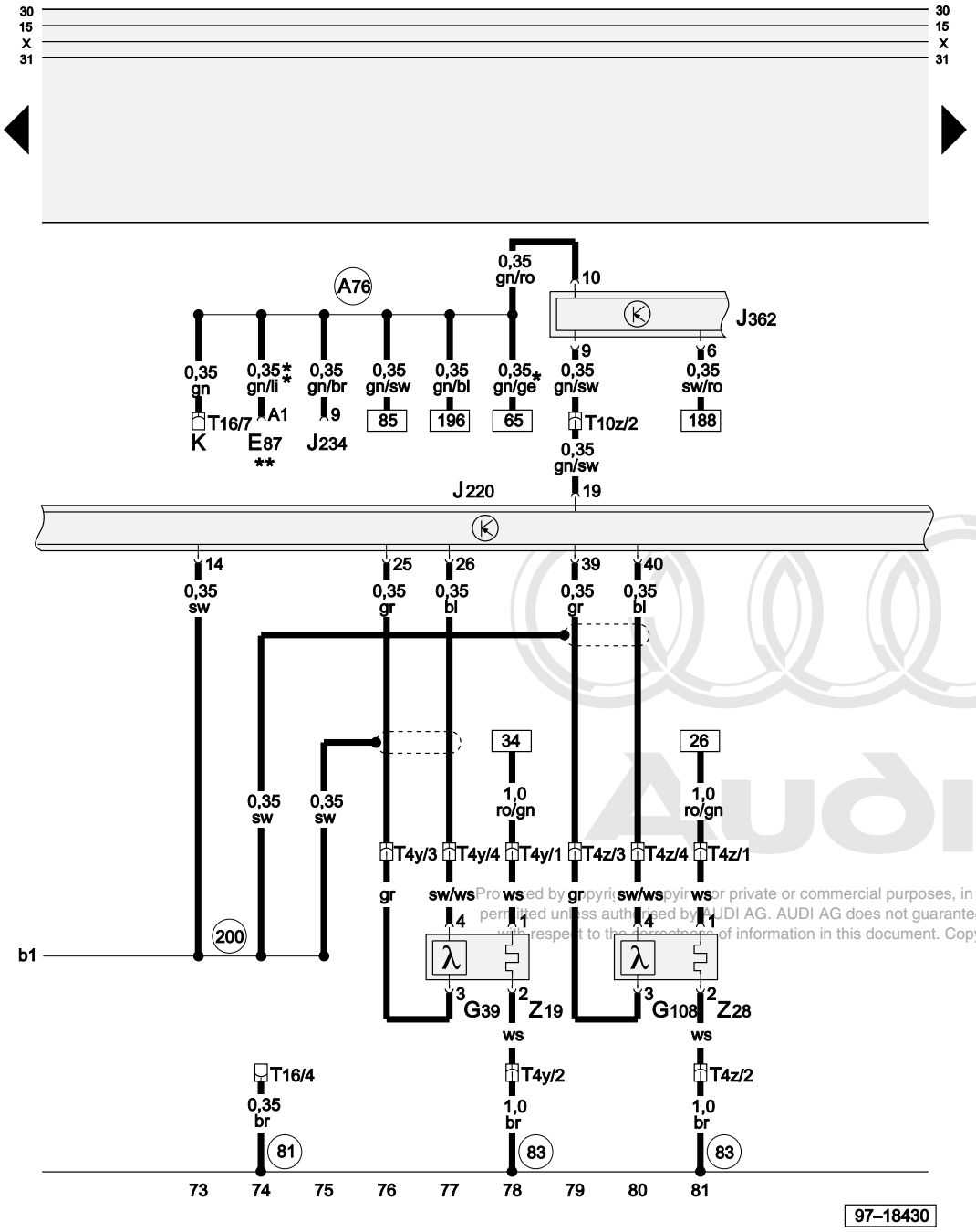


Motronic control unit, hall sender, air mass meter

G40	Hall sender 1
G70	Air mass meter
G163	Hall sender 2
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
*	Only models with automatic gearbox
**	Only models with auto-check system

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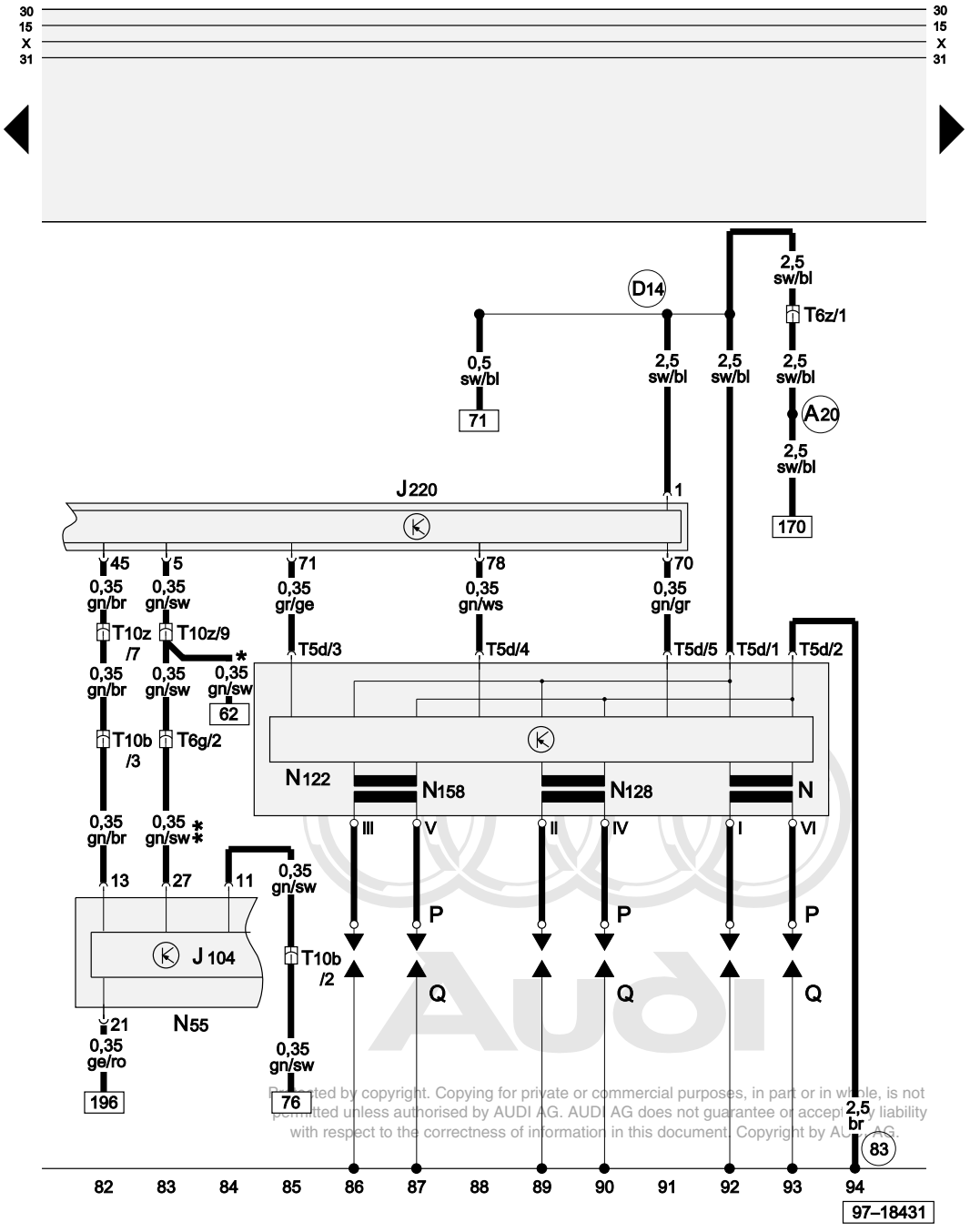


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Motronic control unit, lambda probes with heating

E87	Control and display unit for air conditioner
G39	Lambda probe I
G108	Lambda probe II
J220	Motronic control unit
J234	Airbag control unit
J362	Immobilizer control unit
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, (diagnosis connection), rear centre console
Z19	Lambda probe 1 heater
Z28	Lambda probe 2 heater
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with A5 speed automatic gearbox
**	Only models with air conditioner

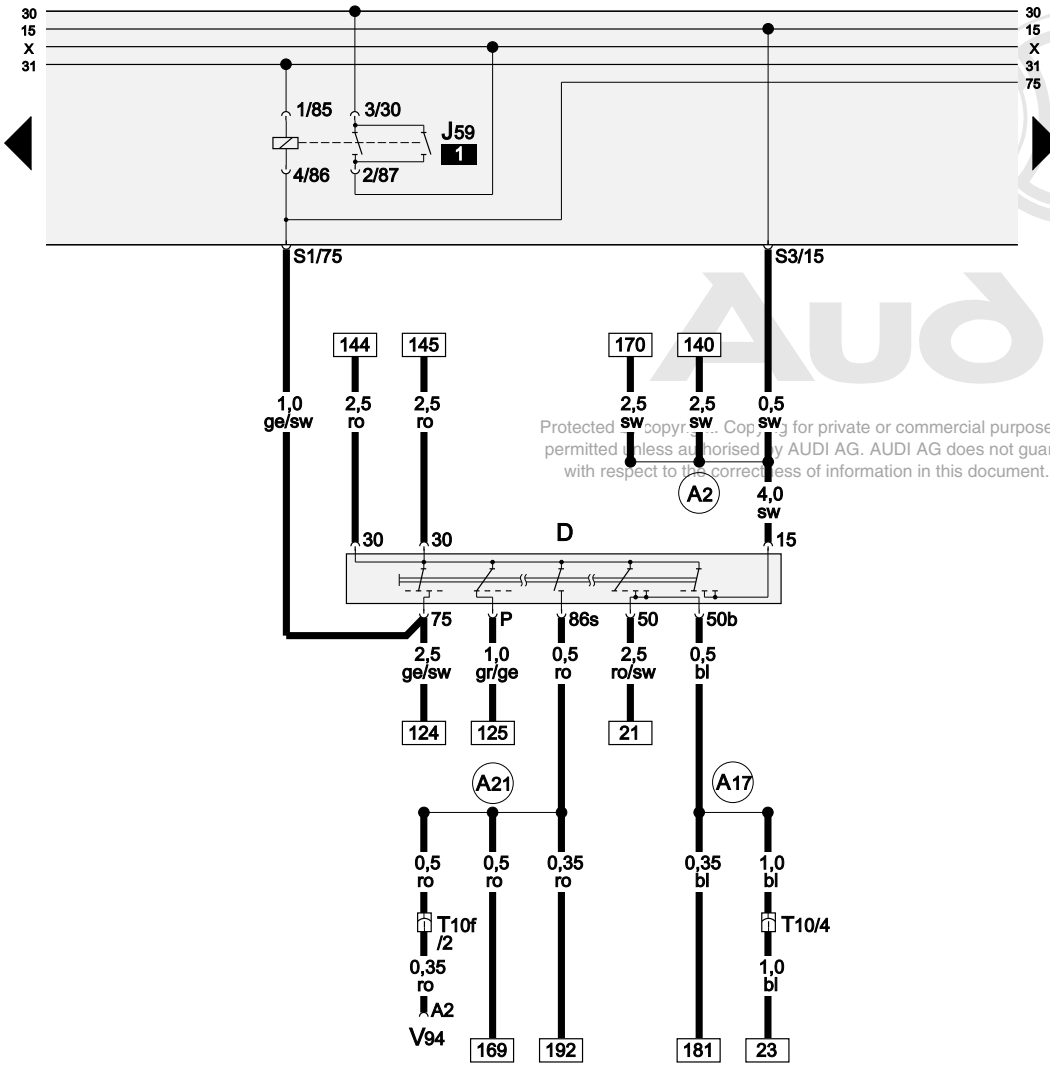


Motronic control unit, ignition system

J104	ABS with EDL control unit
J220	Motronic control unit
N	Ignition coil 1
N55	ABS hydraulic unit
N122	Final output stage 1
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T5d	5-pin connector, near ignition coil
T6g	6-pin connector, grey, right connector point, A pillar
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10b	10-pin connector, orange, left connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A20	Connection (15a), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness
*	Only models with automatic gearbox
**	Only with TCS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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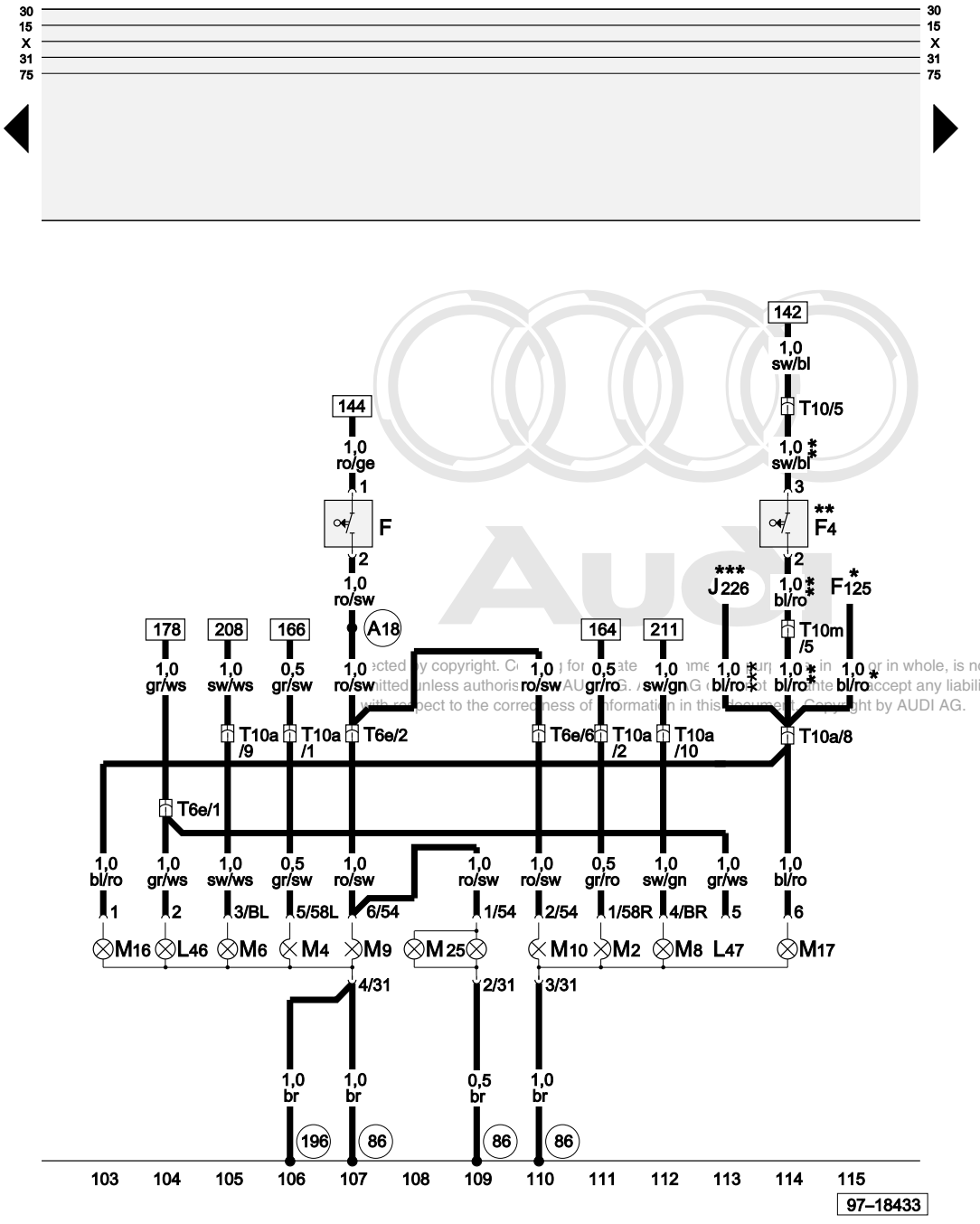


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Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
A17	Positive (+) connection (61), in dash panel wiring harness
A21	Positive (+) connection (86s), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

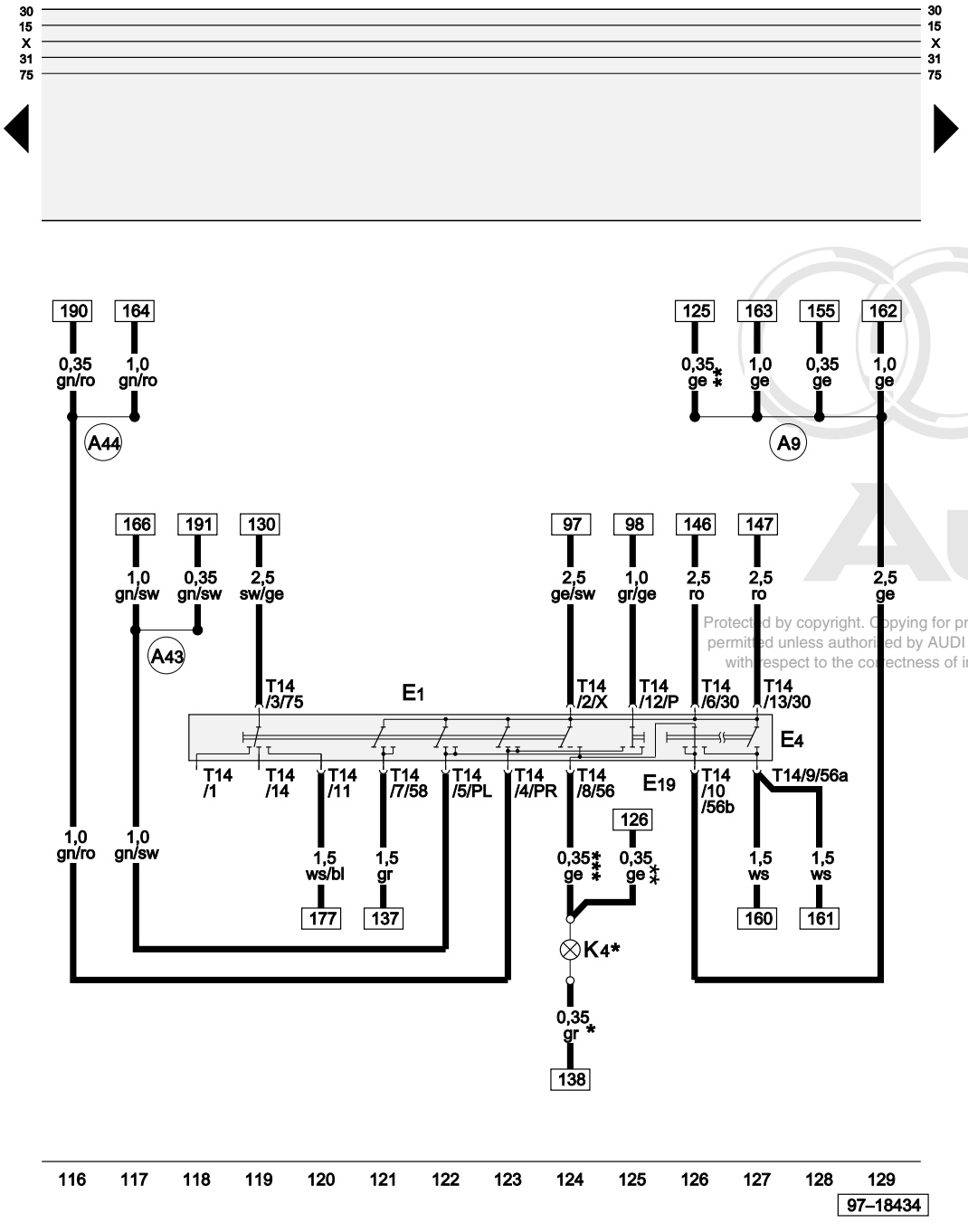


ws = white
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rs = pink

Tail light, brake light, reversing light

F	Brake light switch
F4	Reversing light switch
F125	Multi-function switch
J226	Starter inhibitor and reversing light relay
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M9	Brake light bulb, left
M10	Brake light bulb, right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M25	High level brake light bulb
T6e	6-pin connector, blue, left connector point, A pillar
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
*	Only models with five-speed automatic gearbox
**	Only models with manual gearbox
***	Only models with four-speed automatic gearbox

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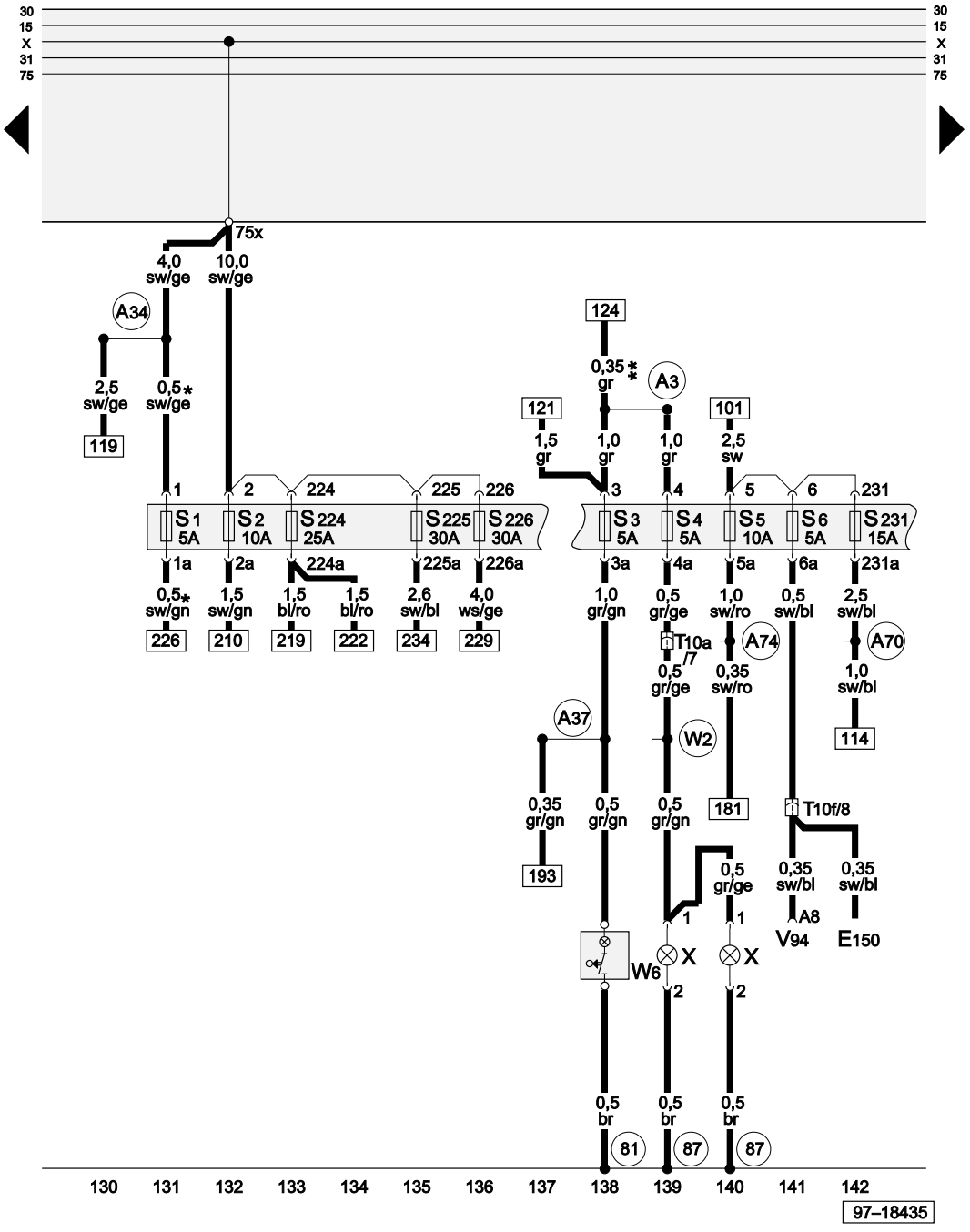


Lighting switch

E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
K4	Side light warning lamp
T14	14-pin connector, black, at steering column switch
A9	Positive (+) connection (56b), in dash panel wiring harness
A43	Connection (57l), in dash panel wiring harness
A44	Connection (57r), in dash panel wiring harness
*	Only models with side light warning lamps for Italian export version
**	Only with side light warning lamp with fog lights - applicable for Italian export version
***	Only with side light warning lamp without fog lights - applicable for Italian export version

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Fuse box, number plate light, glove box light

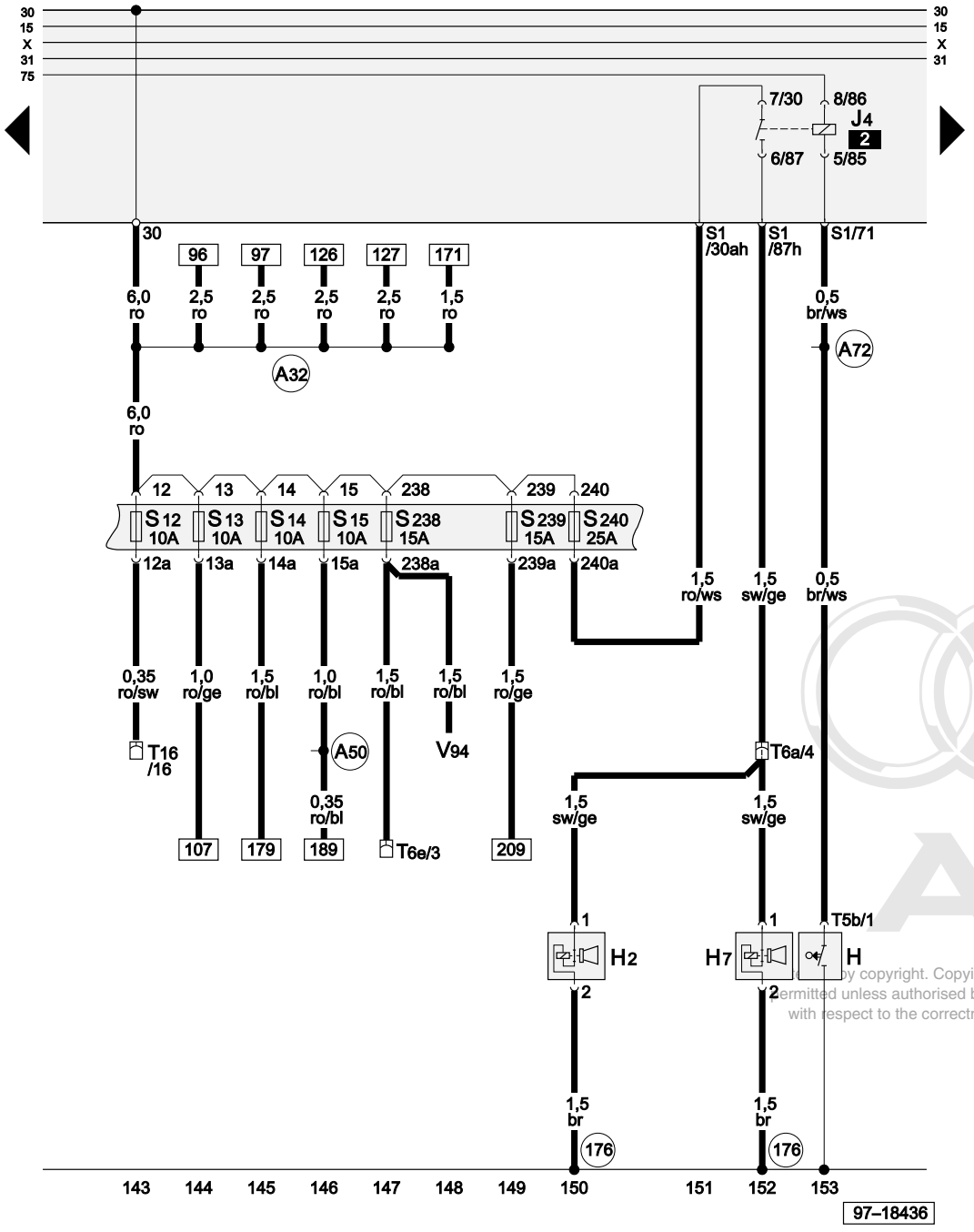
E150	Interior locking switch
T10a	10-pin connector, brown, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W6	Glove box light
X	Number plate light
81	Earth connection -1-, in dash panel wiring harness
87	Earth connection -2-, in rear wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 5), in dash panel wiring harness
W2	Positive (+) connection (58), in rear wiring harness

* Only models with heated washer jets

** Only models with side light warning lamps for Italian export version

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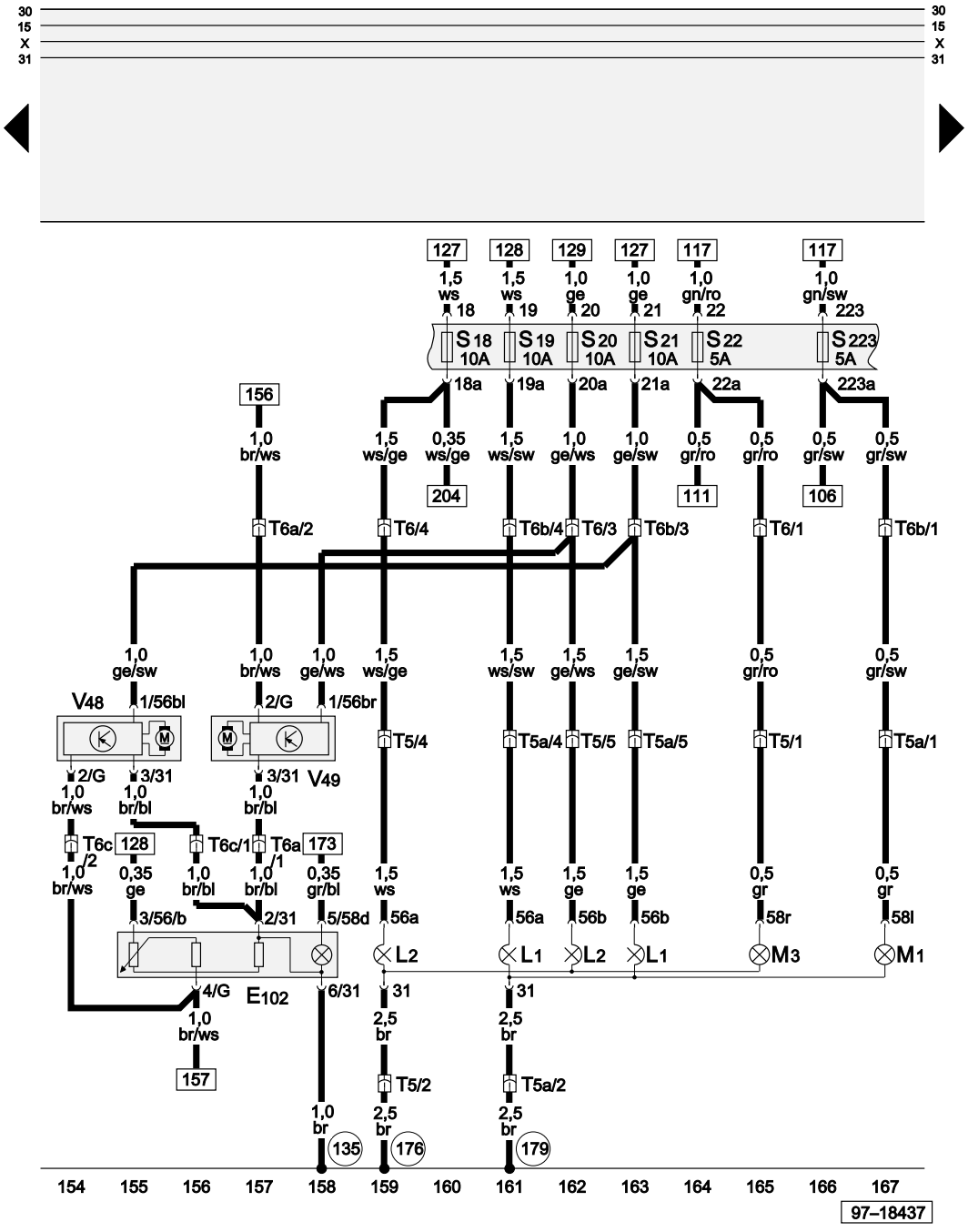
Fuse box, horn

H	Horn plate
H2	High tone horn
H7	Low tone horn
J4	Dual tone horn relay
T6a	6-pin connector, red, right connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T16	16-pin connector, (diagnosis connection) in centre console rear
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
176	Earth connection, in right headlight wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A72	Connection (71), in dash panel wiring harness

Audi

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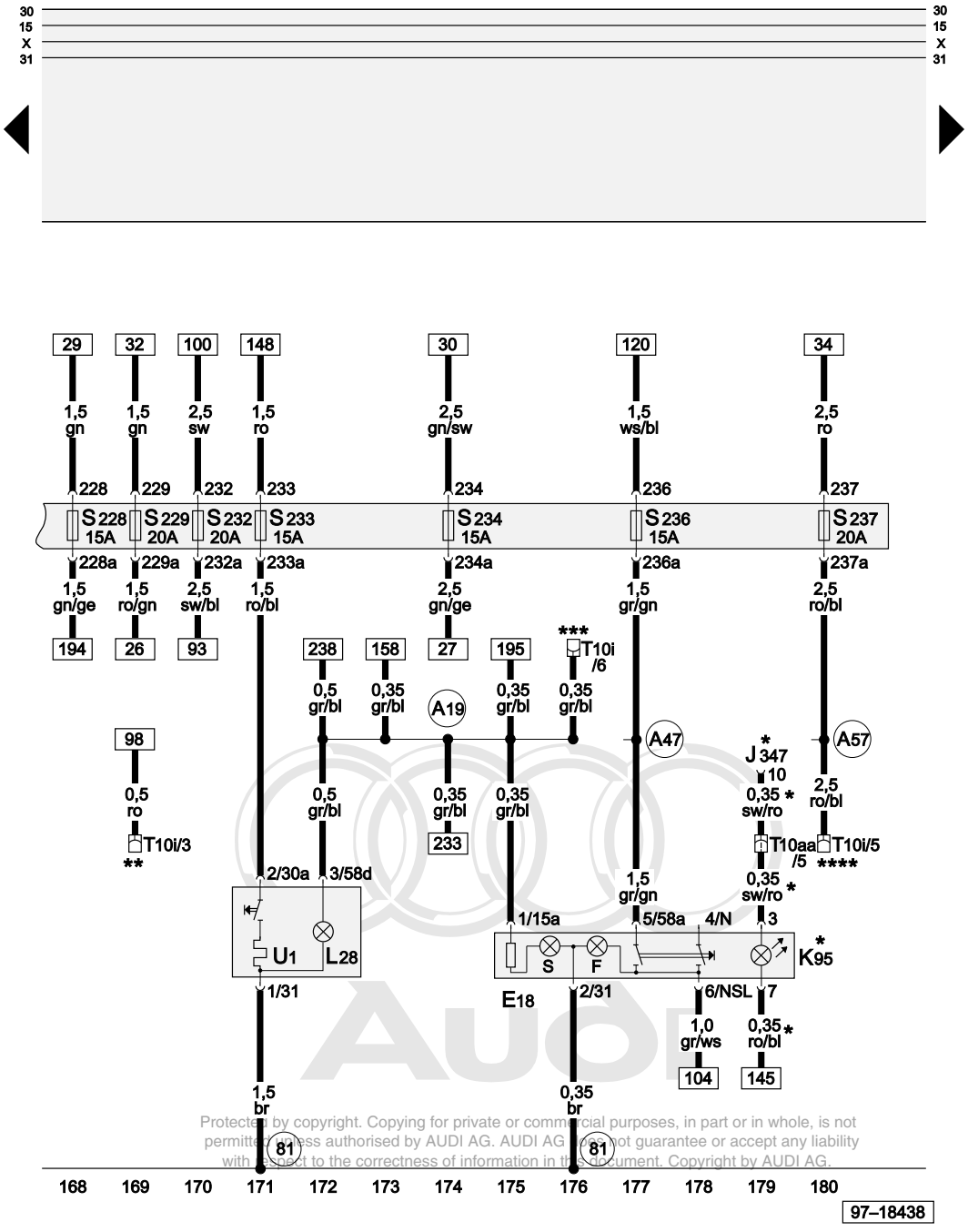


Fuse box, headlights, headlight range control

E102	Headlight range control adjuster
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M1	Side light bulb, left
M3	Side light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6a	6-pin connector, red, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
V48	Headlight range control motor, left
V49	Headlight range control motor, right
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness

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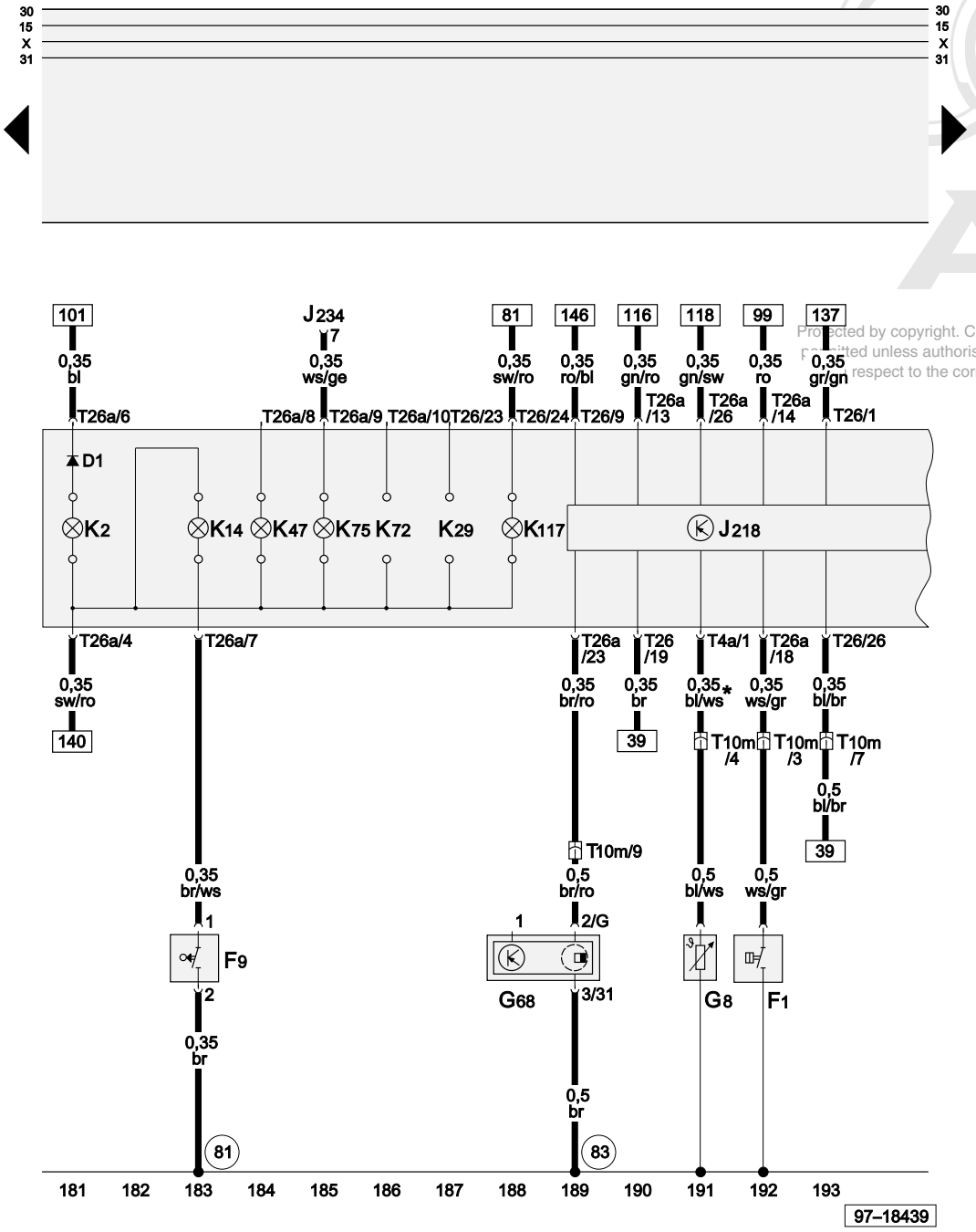


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Fuse box, cigarette lighter, rear fog light switch

E18	Rear fog light switch
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
L28	Cigarette lighter light bulb
T10i	10-pin connector, black, in centre console
T10aa	10-pin connector, orange, left connector point, A pillar
U1	Cigarette lighter
81	Earth connection -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A47	Connection (55), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Only models with anti-theft alarm system
**	Without radio, terminal 86s
***	Without radio, terminal 58d
****	Without radio, terminal 30a

ws	=	white
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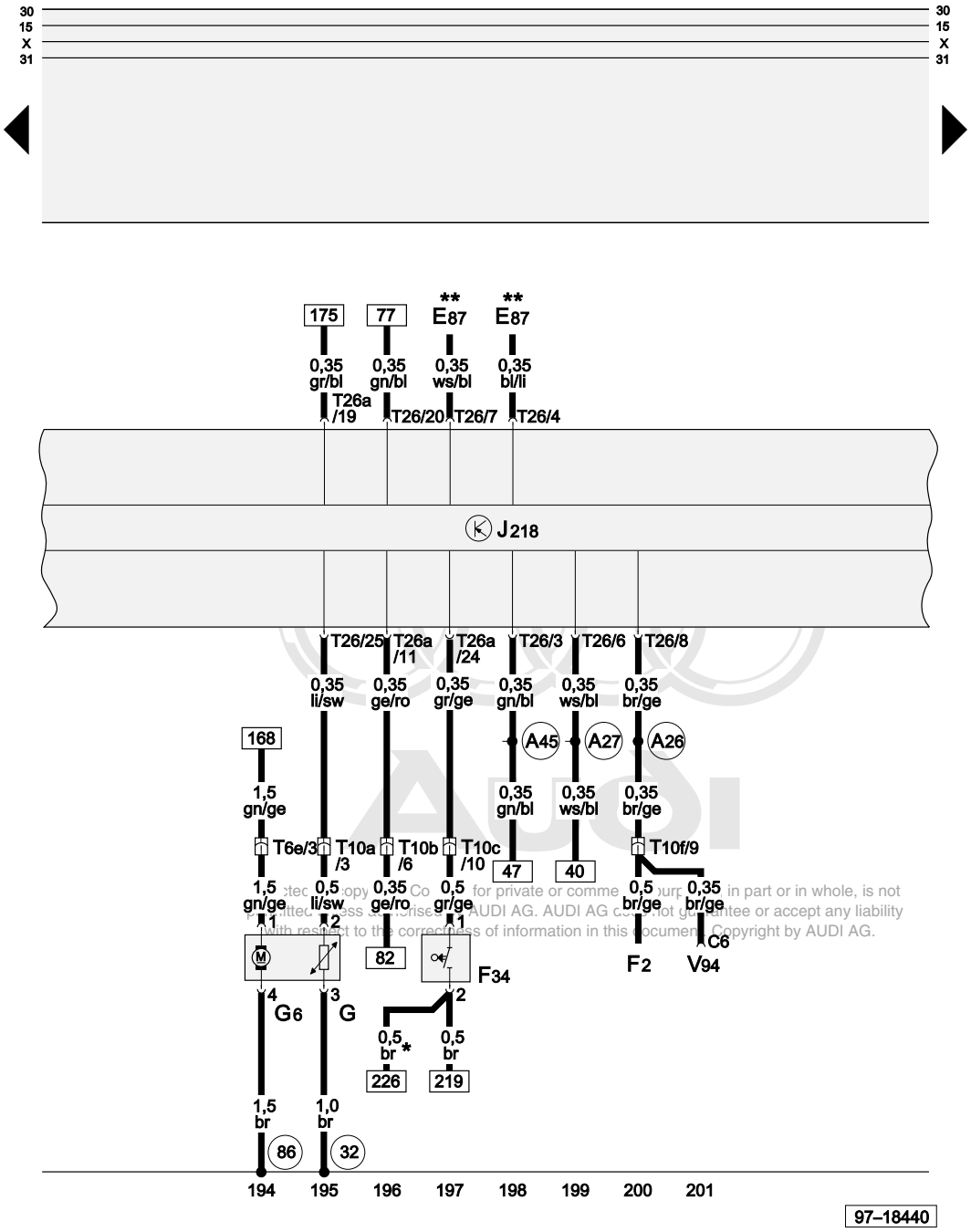


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Dash panel insert, vehicle speed sender, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F9	Handbrake warning switch
G8	Oil temperature sender
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
J234	Airbag control unit
K2	Alternator warning lamp
K14	Handbrake warning lamp
K29	Glow period warning lamp
K47	ABS warning lamp
K72	Catalyst monitor warning lamp
K75	Airbag warning lamp
K117	Immobilizer warning lamp
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
83	Earth connection -1-, in front right wiring harness
*	Only models with additional instruments

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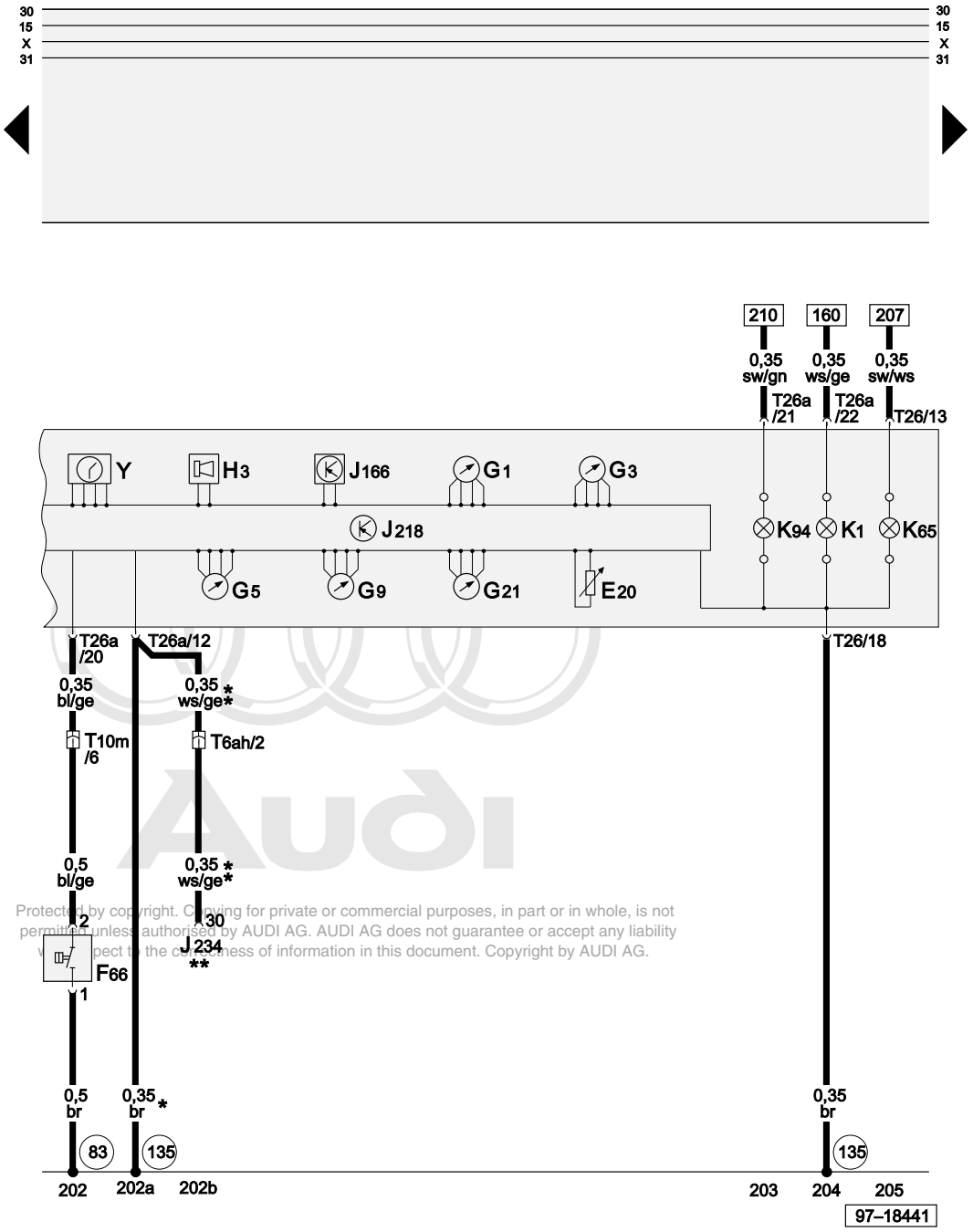


Dash panel insert, combi-processor in dash panel insert, handbrake warning, fuel pump

E87	Control and display unit for air conditioner
F2	Door contact switch, driver's side
F34	Brake fluid level warning contact
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
J218	Combi-processor in dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
T10f	10-pin connector, black, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
32	Earth point, behind dash panel, left
86	Earth connection -1-, in rear wiring harness
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with heated washer jets
**	Only models with air conditioner

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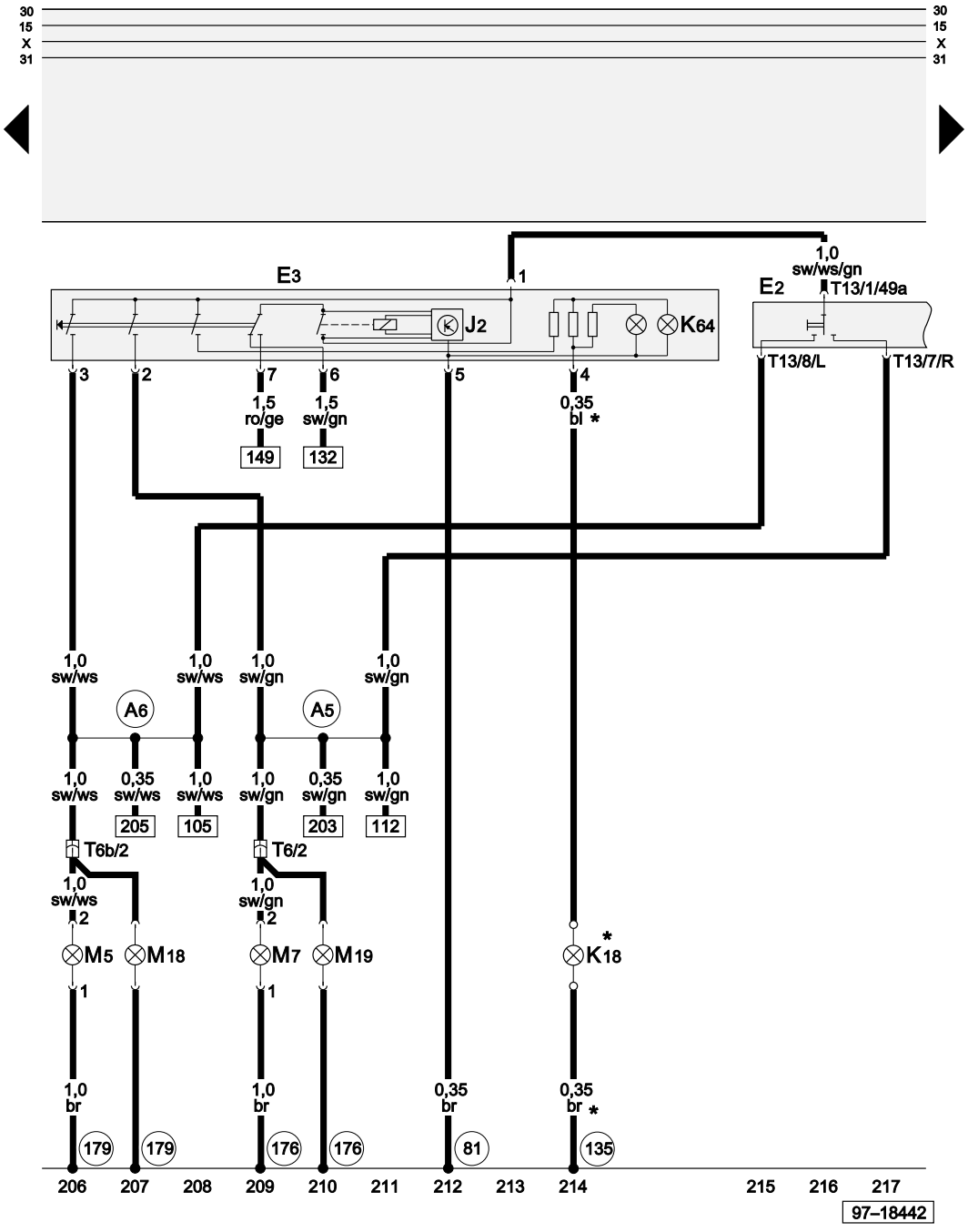


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Dash panel insert, combi-processor in dash panel insert, coolant monitoring, analogue clock, fuel gauge, rev. counter, speedometer, switches and instruments, lighting control

E20	Switches and instruments, lighting control
F66	Coolant shortage indicator switch
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G9	Oil temperature gauge
G21	Speedometer
H3	Buzzer/gong
J218	Combi-processor in dash panel insert
J234	Airbag control unit
K1	Main beam warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T6ah	6-pin connector, green, right connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y	Analogue clock
83	Earth connection -1-, in front right wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Does not side airbag
**	Only models with side airbag

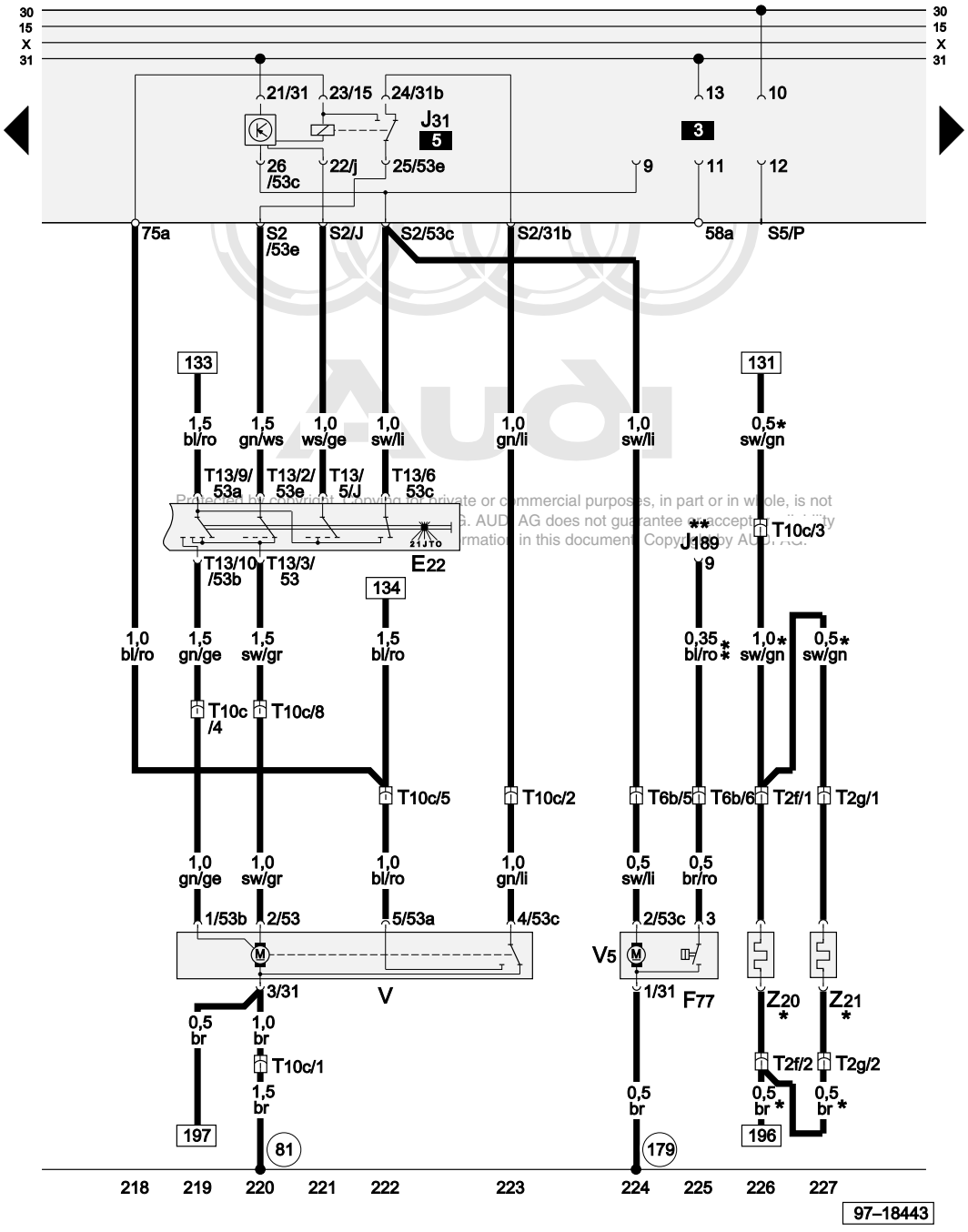


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Turn signals and hazard warning lights

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T13	13-pin connector, brown, on column switch trim
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
*	Only models with trailer coupling

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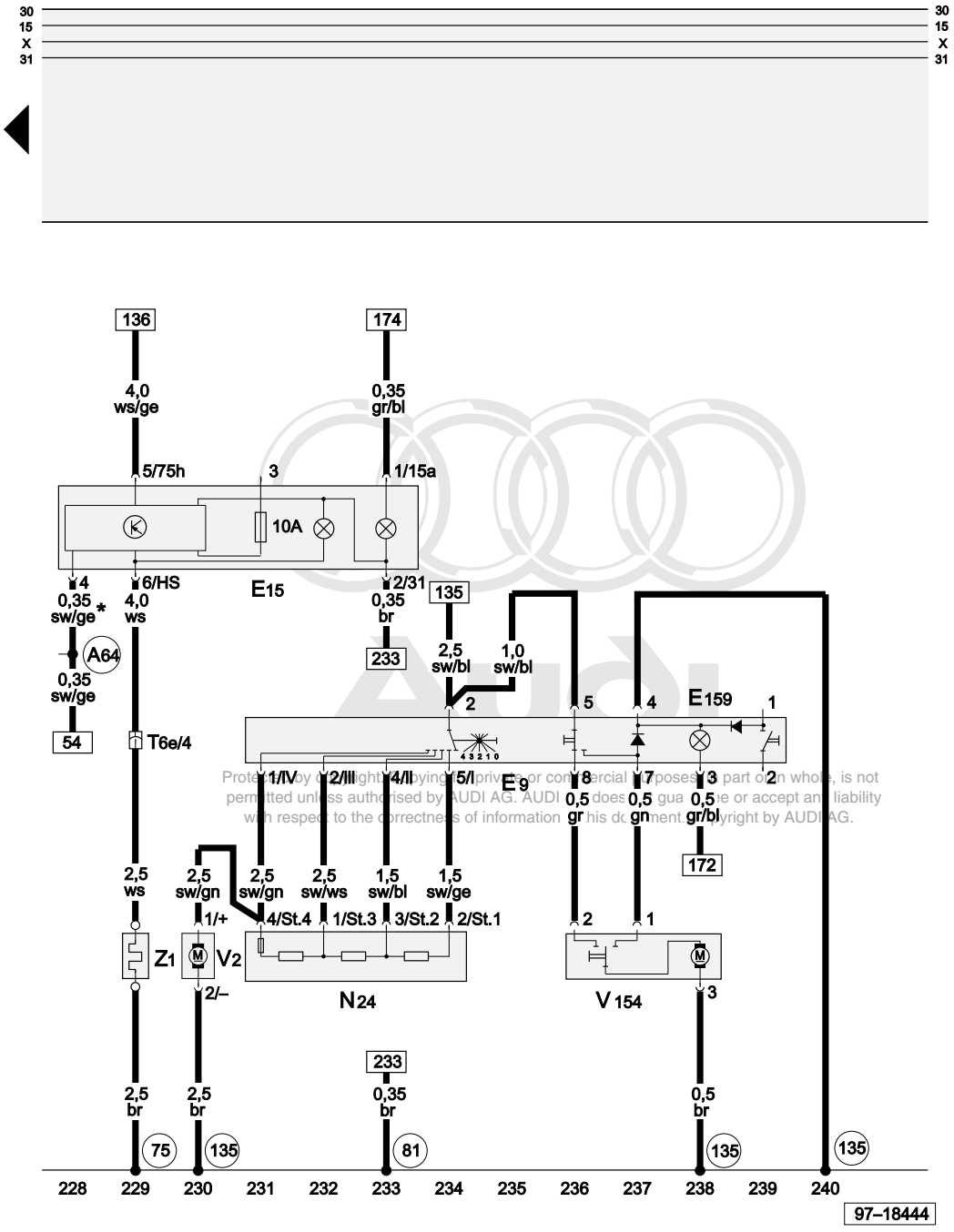


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Windscreen washer/wiper system, heated washer jets

E22	Intermittent wiper switch
F77	Windscreen washer fluid warning contact
J31	Automatic intermittent wash/wipe relay
J189	Auto-check system
T2f	2-pin connector, on bonnet
T2g	2-pin connector, on bonnet
T6b	6-pin connector, yellow, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
T13	13-pin connector, brown, on column switch trim
V	Windscreen wiper motor
V5	Windscreen washer pump
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
81	Earth connection -1-, in dash panel wiring harness
179	Earth connection, in left headlight wiring harness
*	Only models with heated washer jets
**	Only models with auto-check system

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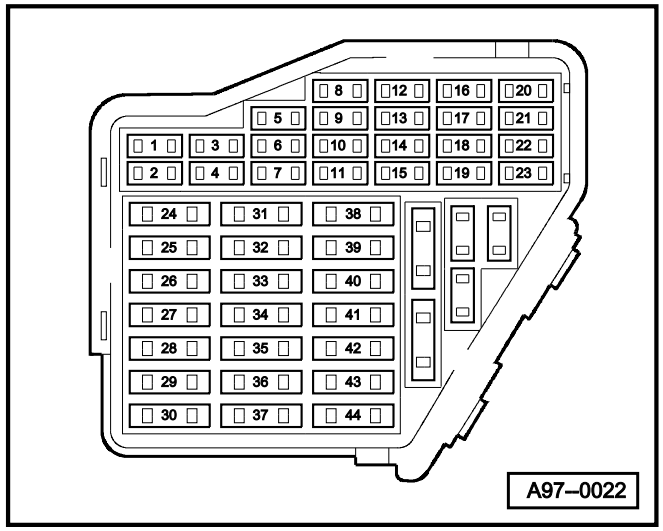
Fresh air blower, heated rear window

E9	Fresh air blower switch
E15	Heated rear window switch
E159	Fresh air/air recirculating flap switch
N24	Series resistor for fresh air blower with overheating resistor
T6e	6-pin connector, blue, left connector point, A pillar
V2	Fresh air blower
V154	Fresh/recirculating air flap control motor
Z1	Heated rear window
75	Earth point, right rear pillar
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
*	Does not apply to models with air conditioner

Audi A4 (2.6 l fuel injection engine, 110 kW, Multi-point injection, 6 cylinder), engine codes ABC

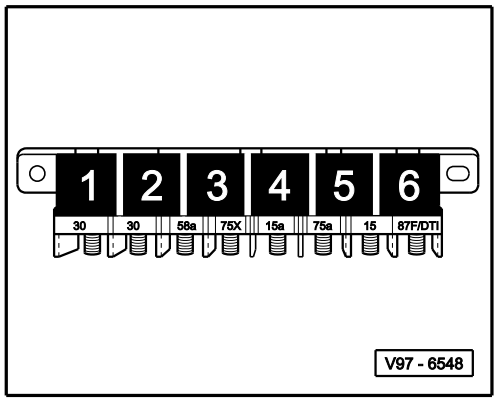
From model year 1997

Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

4 - Bridge connection on models with manual gearbox
4 - Relay for automatic gearbox

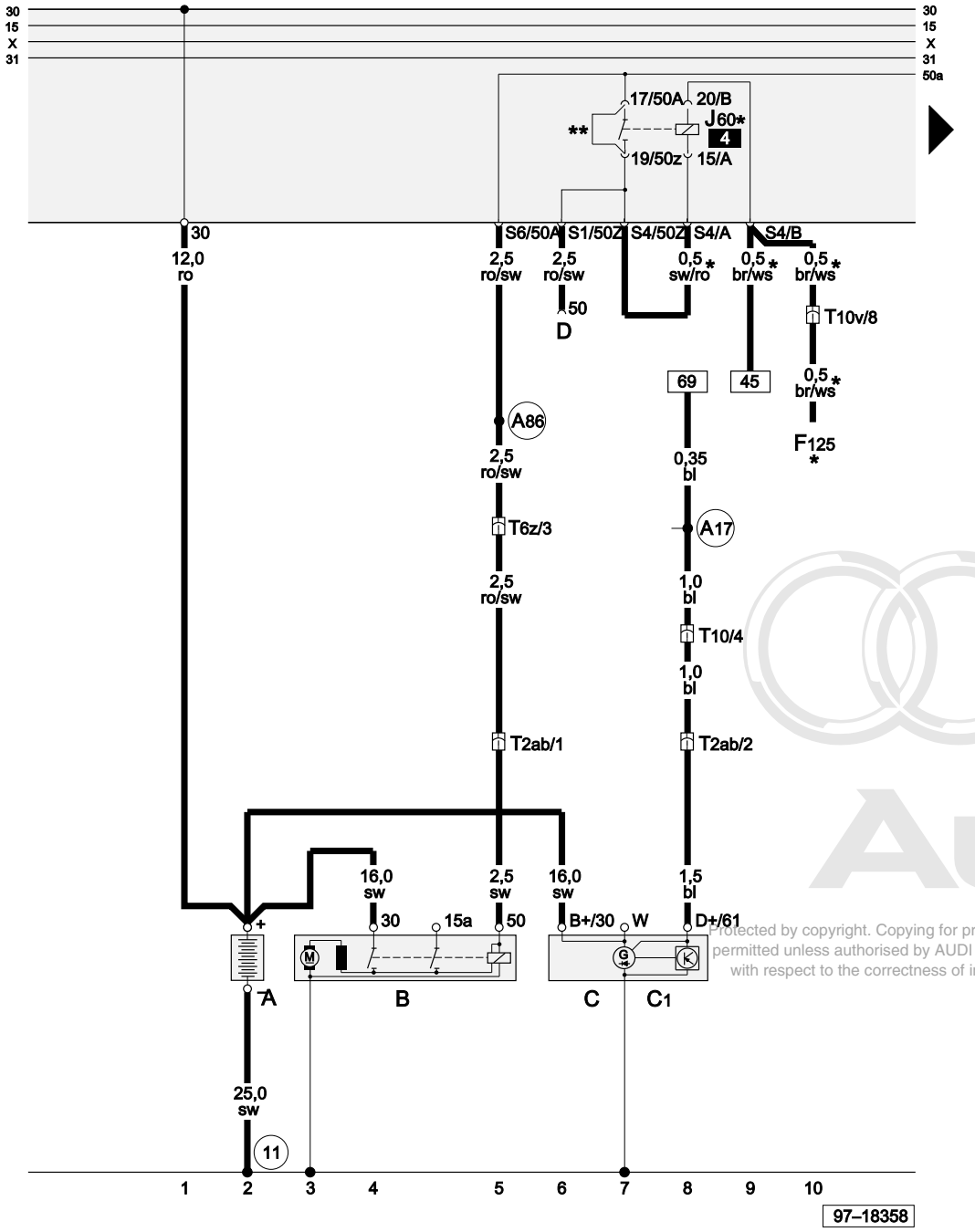
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6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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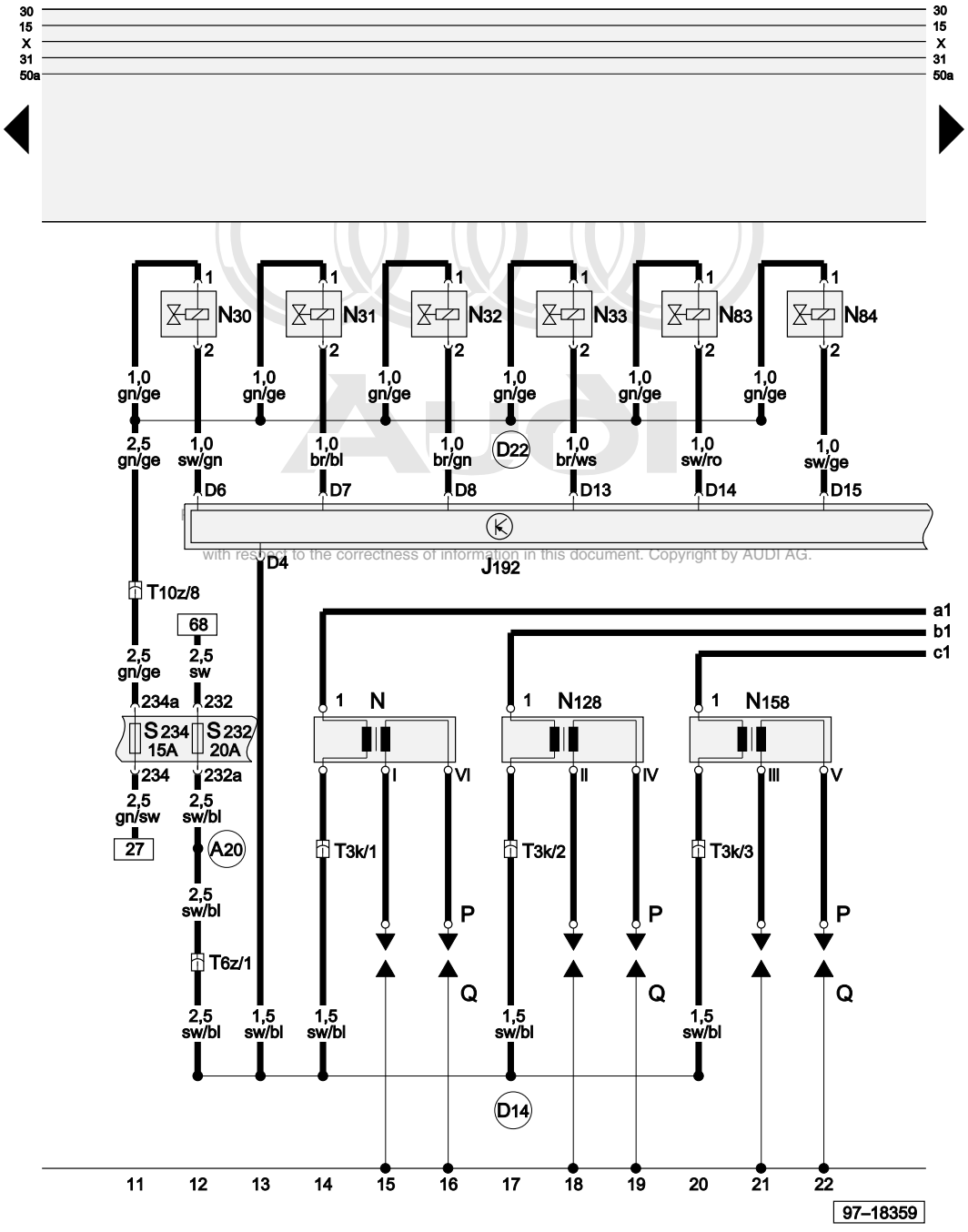


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Automatic gearbox relay
T2ab	2-pin connector, grey, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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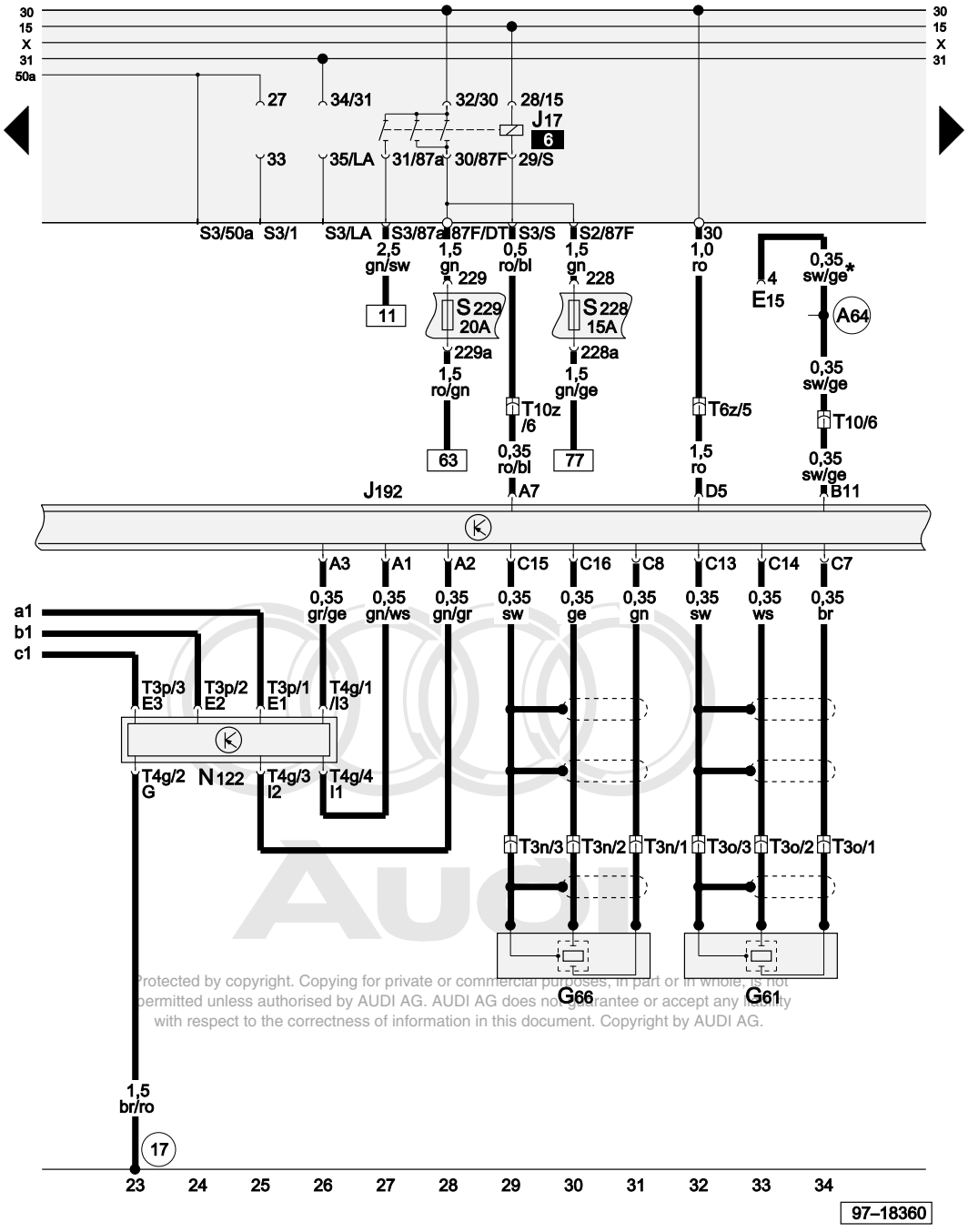


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Multi-point injection control unit, ignition system, injectors

J192	Multi-point injection control unit
N	Ignition coil
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T3k	3-pin connector, white, in engine compartment left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
D14	Connection (ignition coil - control unit), in front right wiring harness
A20	Connection (15a), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness

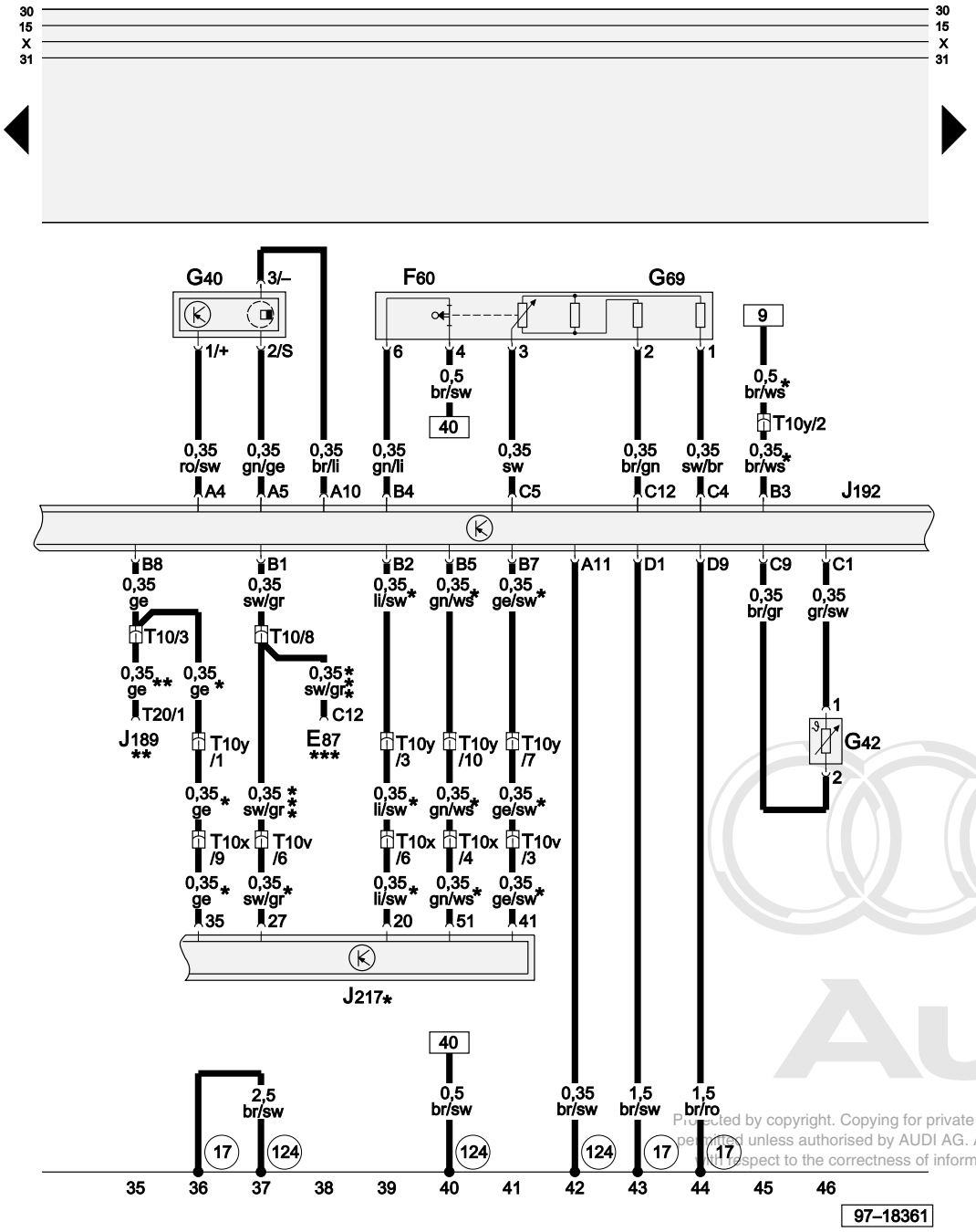


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Multi-point injection control unit, fuel pump relay, knock sensors, final output stage for ignition coils

E15	Heated rear window switch
G61	Knock sensor I
G66	Knock sensor II
J17	Fuel pump relay
J192	Multi-point injection control unit
N122	Final output stage
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, blue, in engine compartment
T3p	3-pin connector, green, in engine compartment, left
T4g	4-pin connector, black, on ignition coil
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
17	Earth point, on intake manifold
A64	Connection (rpm boost), in dash panel wiring harness
*	Does not apply to models with air conditioner

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or	=	orange
rs	=	pink

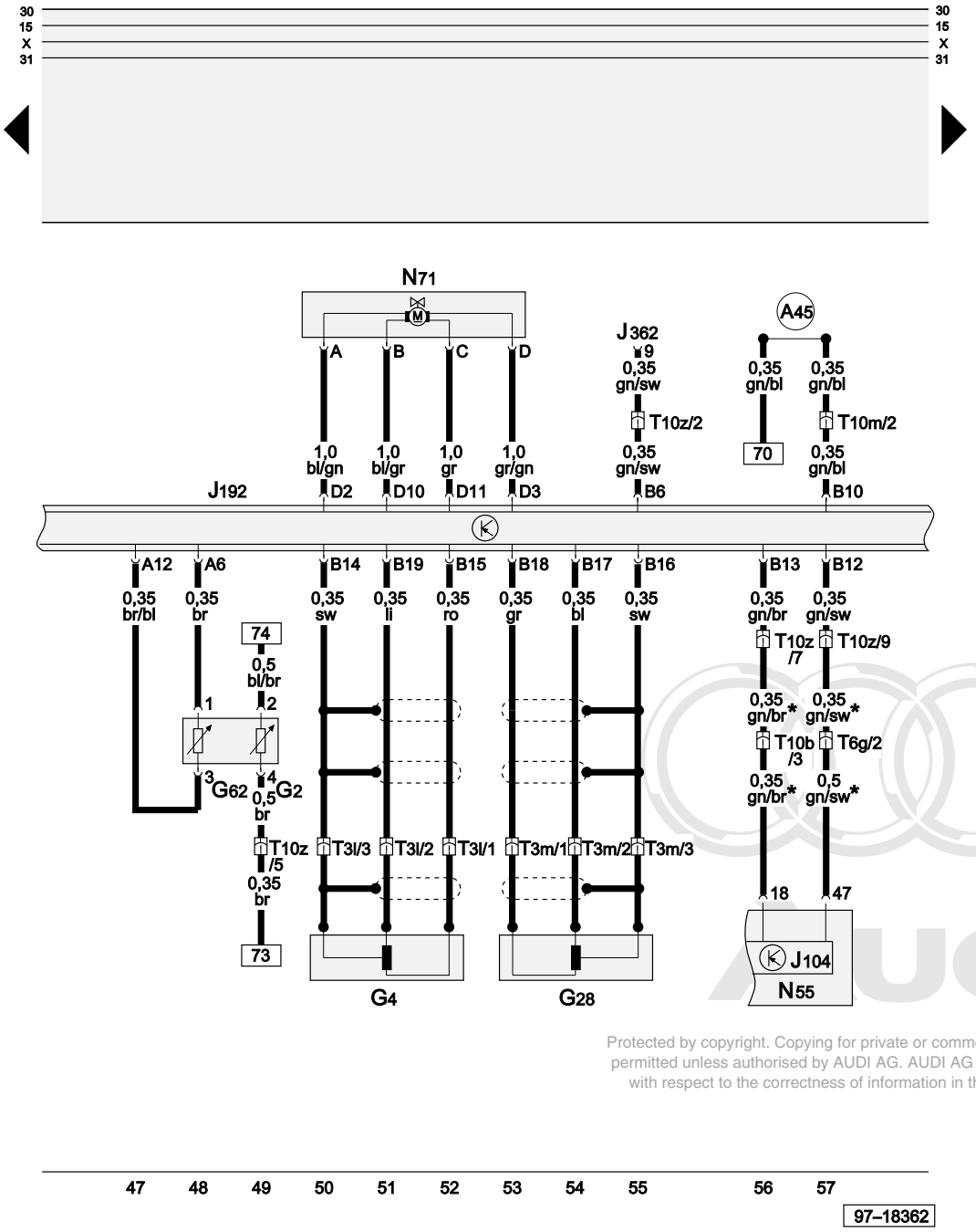


Multi-point injection control unit, throttle valve potentiometer, hall sender

E87	Control and display unit for air conditioner/Climatronic
F60	Idling switch
G40	Hall sender
G42	Intake air temperature sender
G69	Throttle valve potentiometer
J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on dash panel insert
17	Earth point, on intake manifold
124	Earth connection, in engine compartment right wiring harness
*	Only models with automatic gearbox
**	Only models with auto-check system
***	Only models with air conditioner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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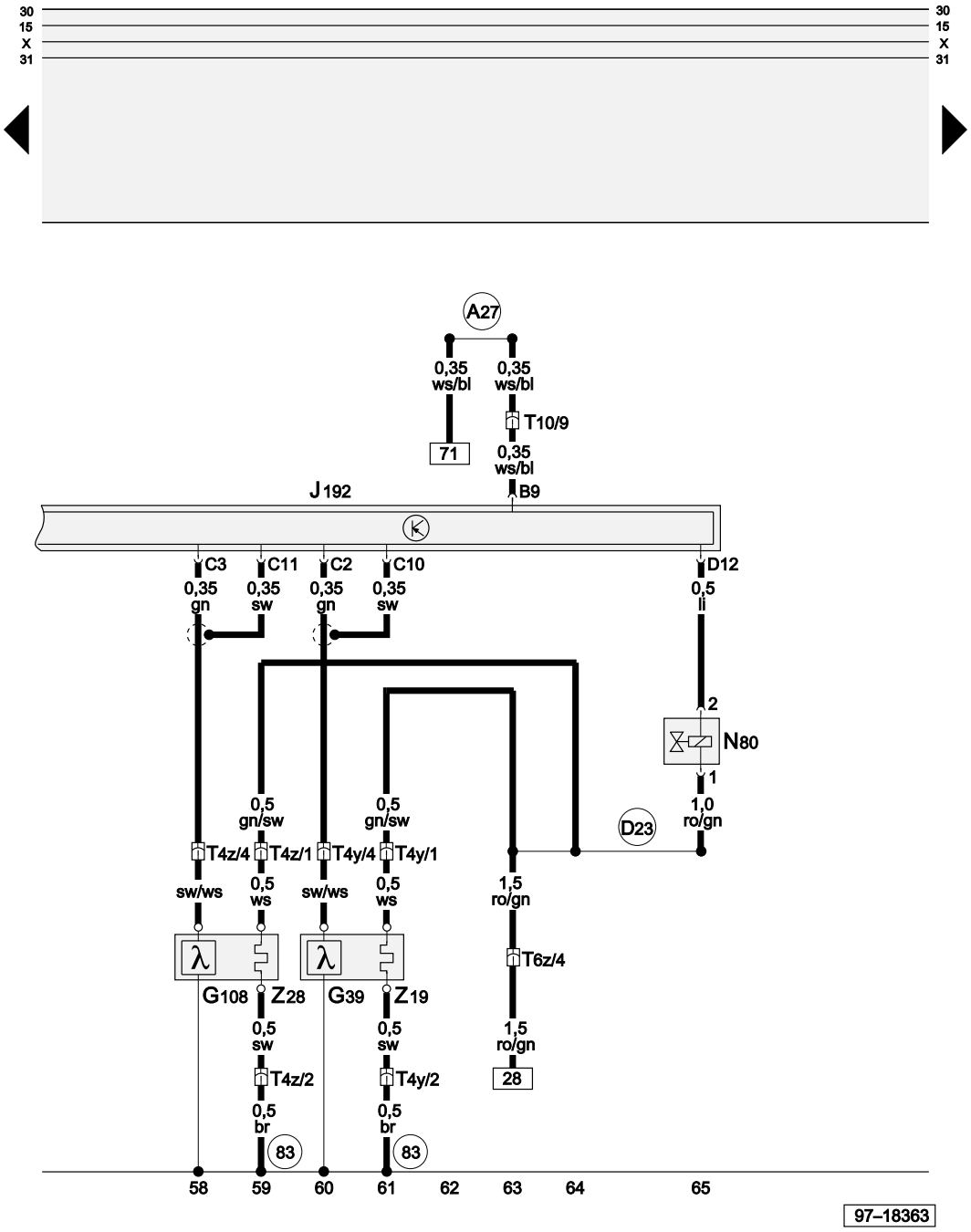


Multi-point injection control unit, firing point sender, engine speed sender, coolant temperature sender

G2	Coolant temperature sender
G4	Firing point sender
G28	Engine speed sender
G62	Coolant temperature sender
J104	ABS with EDL control unit
J192	Multi-point injection control unit
J362	Immobilizer control unit
N55	ABS hydraulic unit
N71	Idling stabilization valve
T3l	3-pin connector, black, in engine compartment, left
T3m	3-pin connector, grey, in engine compartment, left
T6g	6-pin connector, grey, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
A45	Connection (engine speed signal), in dash panel wiring harness
*	See applicable Current Flow Diagram: ABS 5.3

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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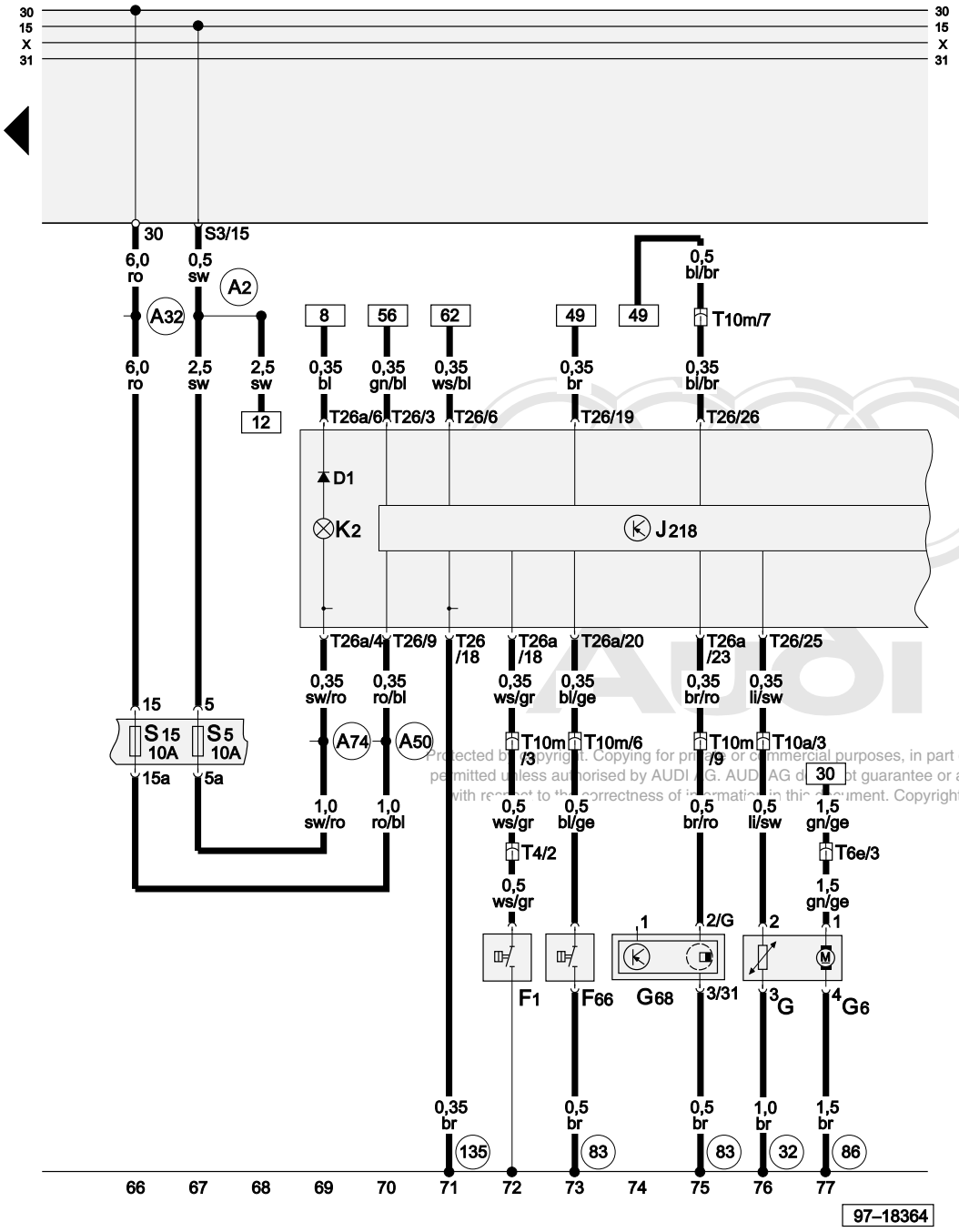


Multi-point injection control unit, fuel pump relay, lambda probes with heating

G39	Lambda probe 1
G108	Lambda probe 2
J192	Multi-point injection control unit
N80	Activated charcoal filter system solenoid valve 1
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
Z19	Lambda probe heater 1
Z28	Lambda probe 2 heater
83	Earth connection -1-, in front right wiring harness
A27	Connection (speed signal), in dash panel wiring harness
D23	Connection (via fuse 229), in front right wiring harness

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or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, combi-processor in dash panel insert, vehicle speed sender, oil pressure switch, fuel pump

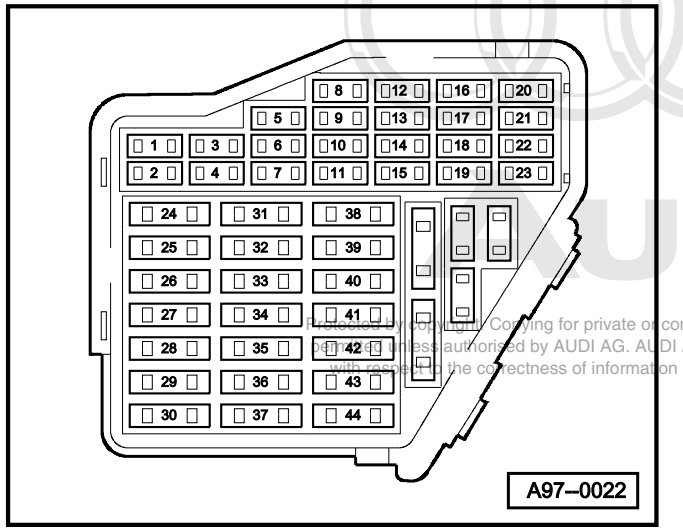
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4	4-pin connector, black, centre in engine compartment
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 231), in dash panel wiring harness

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Audi A4 (1.8 l fuel injection engine, 110 kW, Motronic (5-valve/turbo), 4-cylinder), engine codes AEB

From model year 1997

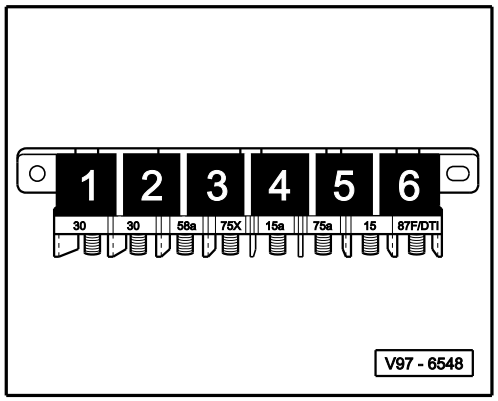
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



Position of relays:

4 - Bridge connection on models with manual gearbox

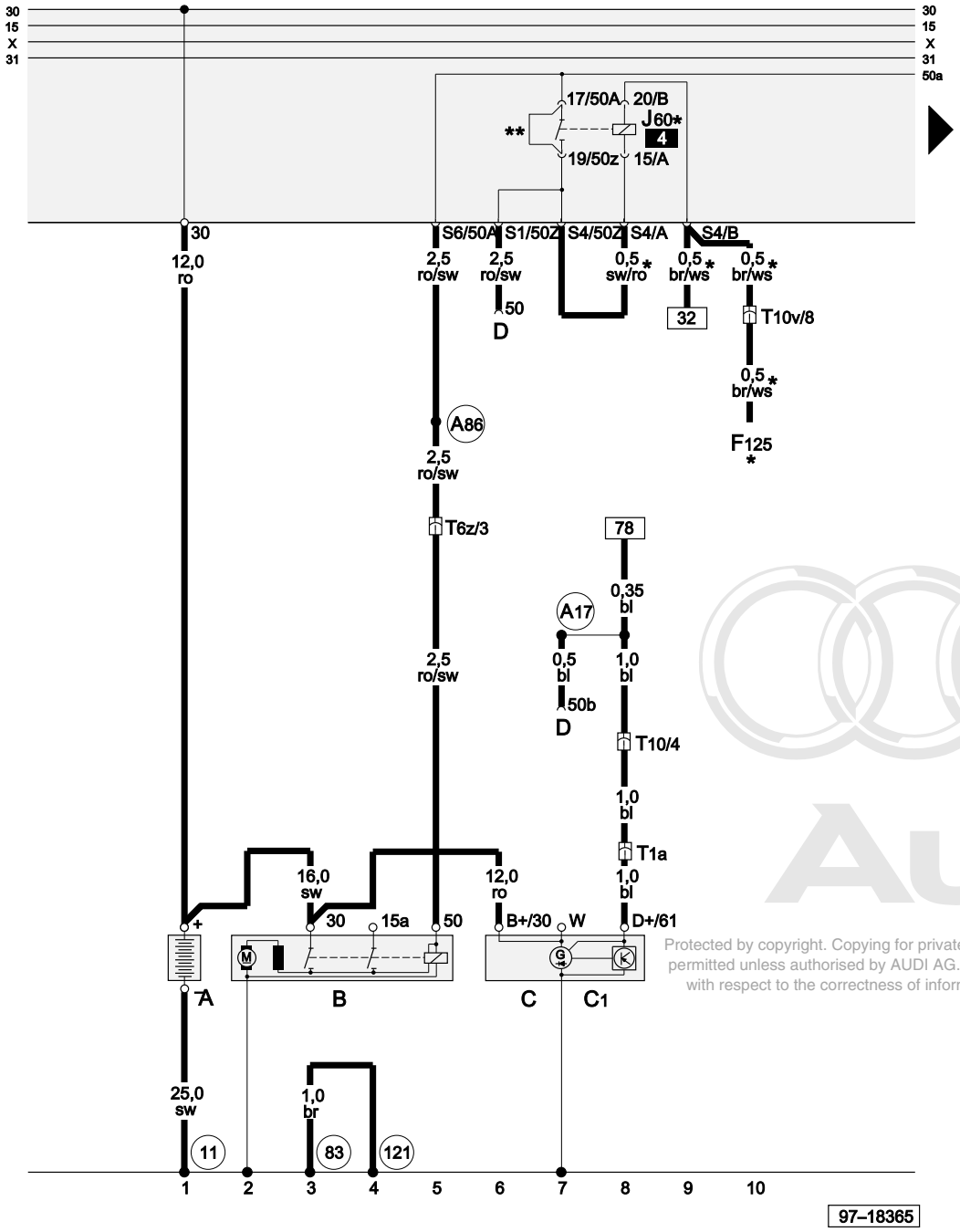
4 - Starter inhibitor and reversing light relay with automatic gearbox

6 - Fuel pump relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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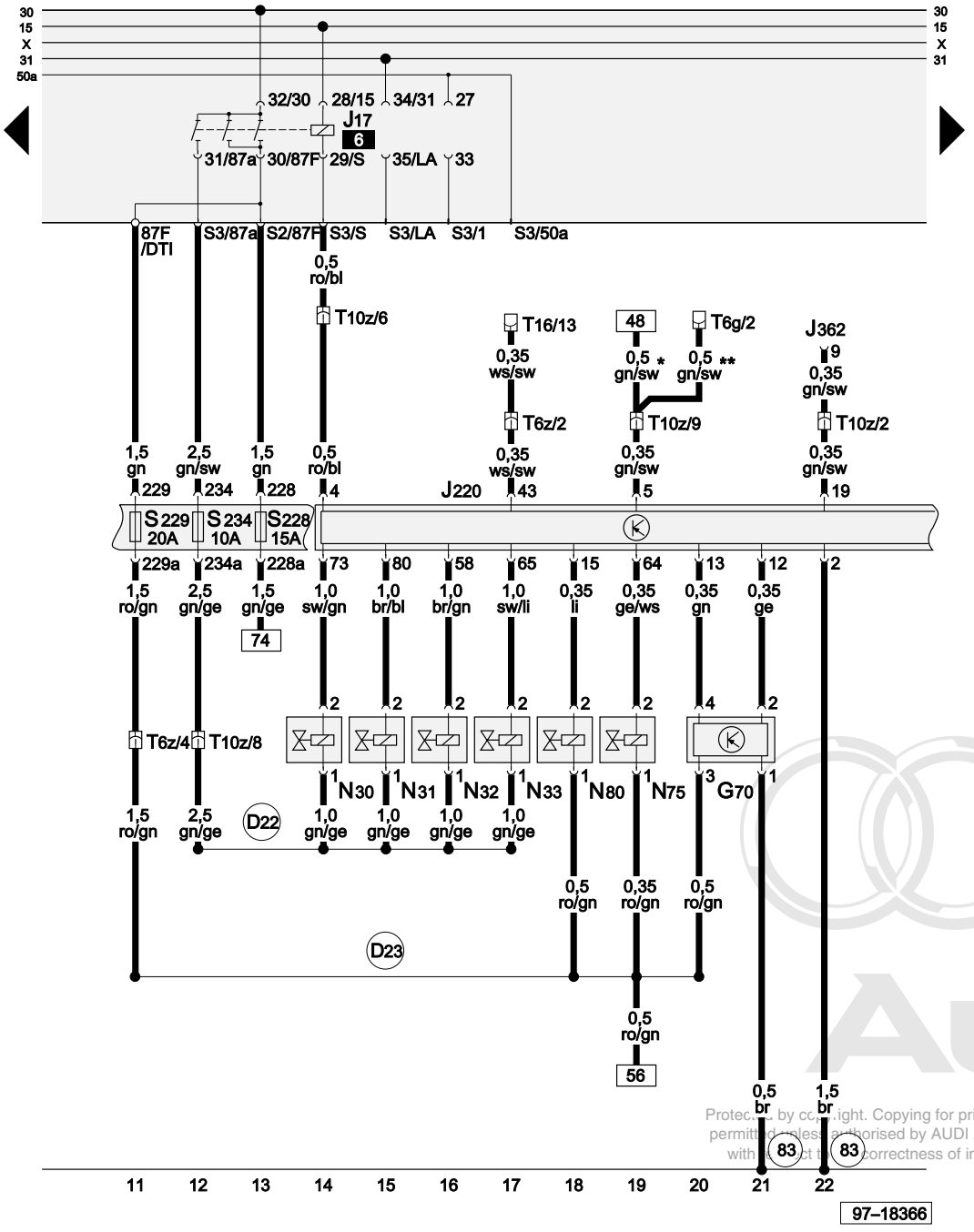
Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Relay for automatic gearbox
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
11	Earth point, in battery box
83	Earth connection -1-, in wiring harness
121	Earth connection -2-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

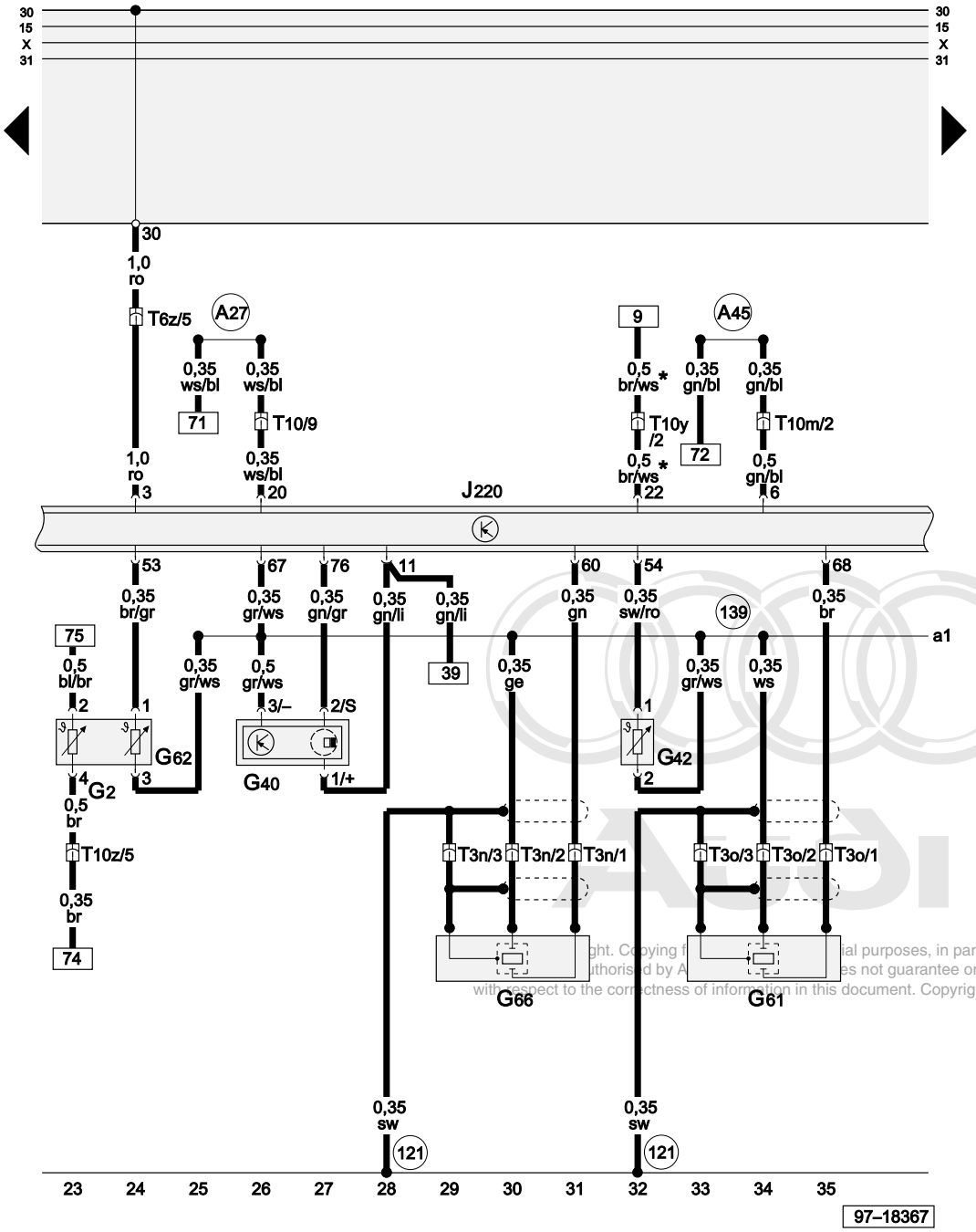
Motronic control unit, fuel pump relay, injectors, air mass meter



G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter system solenoid valve 1
T6g	6-pin connector, grey, right connector point, A pillar
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnostic connector)
83	Earth connection -1-, in front right wiring harness
D22	Connection (87a for injectors), in engine compartment wiring harness, right
D23	Connection (87F), in engine compartment wiring harness, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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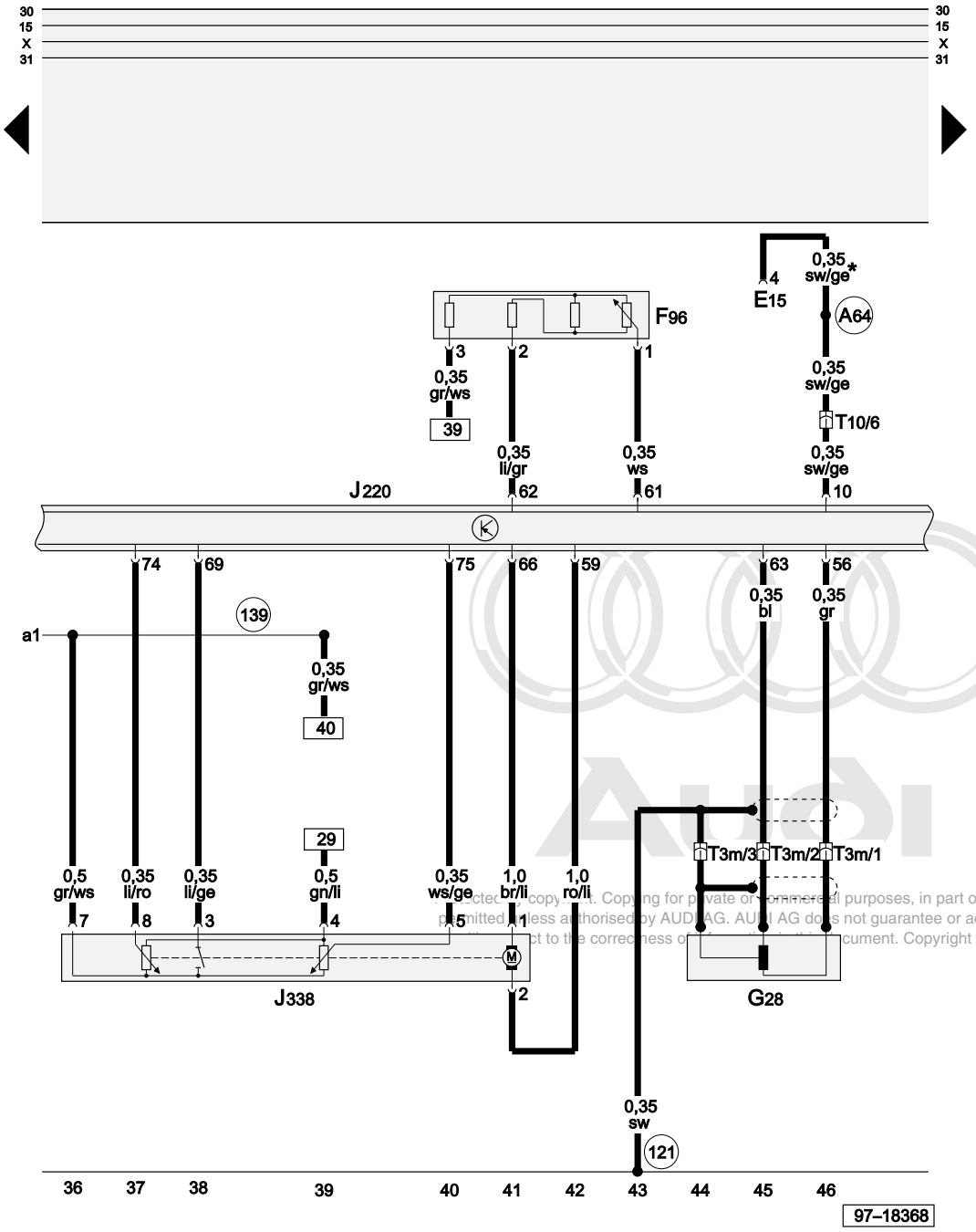


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Motronic control unit, coolant temperature sender, knock sensors, hall sender

G2	Coolant temperature sender
G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3o	3-pin connector, green, in engine compartment, left
T3n	3-pin connector, blue, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
121	Earth connection -2-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox

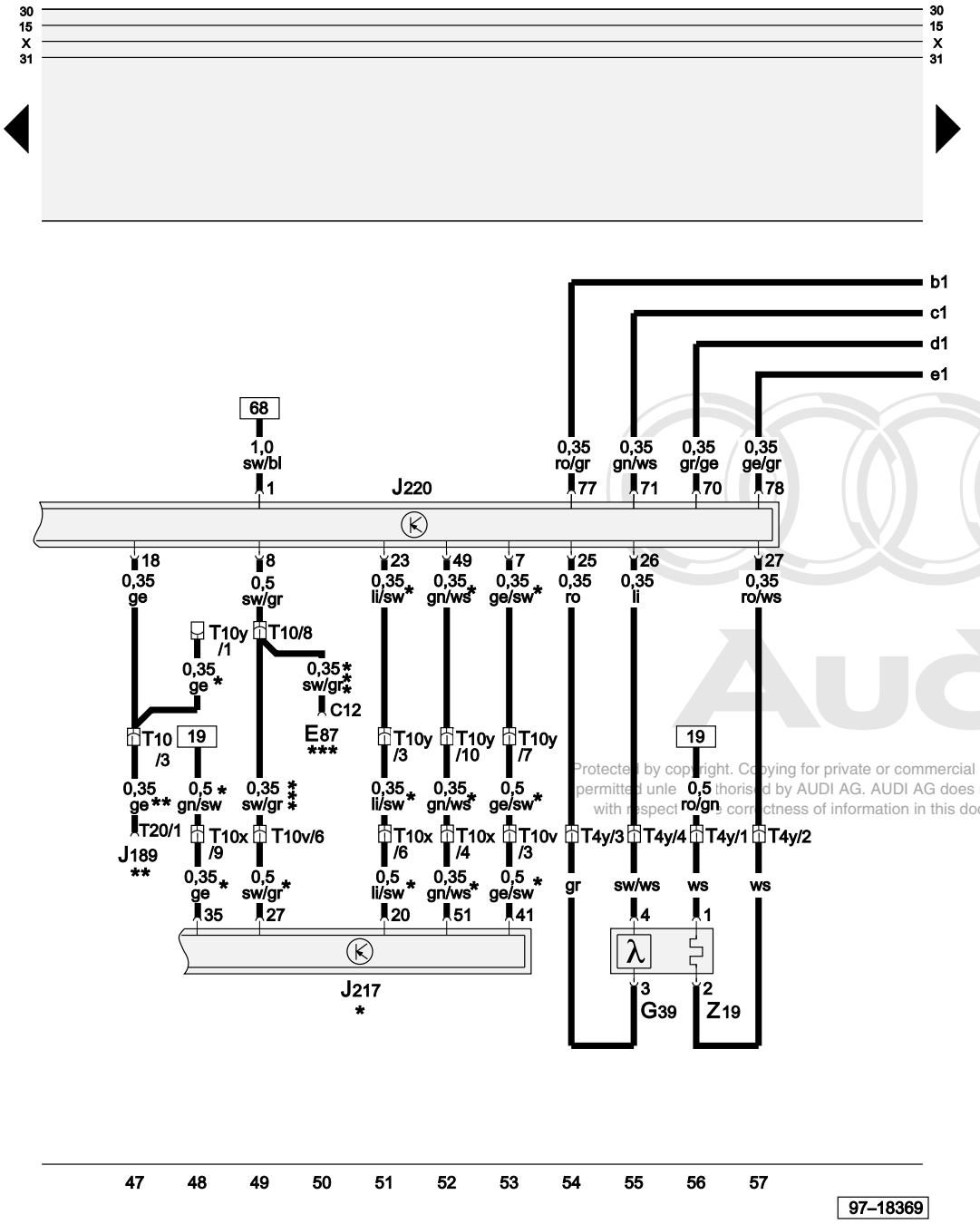


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Motronic control unit, engine speed sender, throttle valve control unit, altitude sender

E15	Heated rear window switch
F96	Altitude sender
G28	Engine speed sender
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
121	Earth connection -2-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Does not apply to models with air conditioner

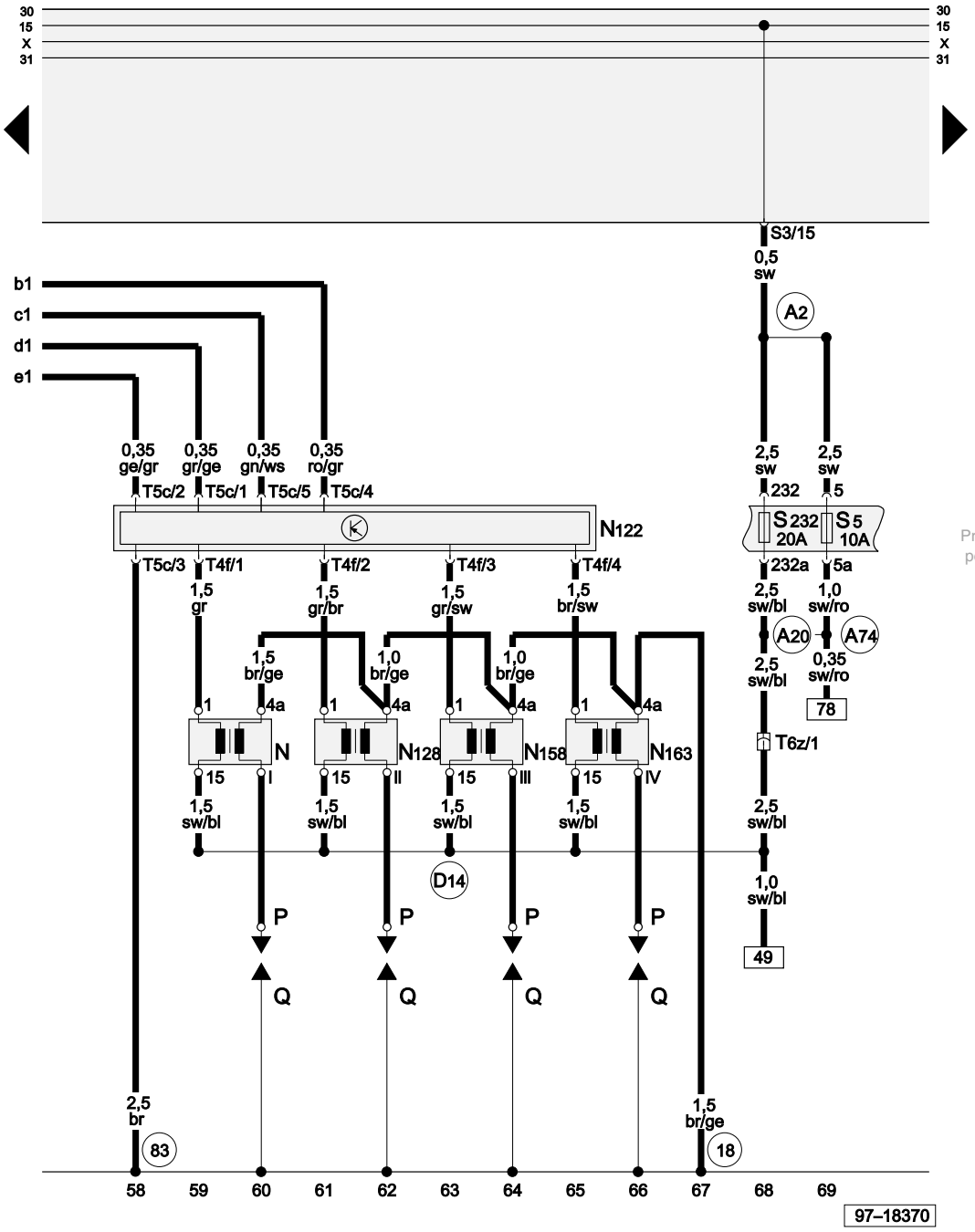


Motronic control unit, lambda probe

E87	Control and display unit for air conditioner
G39	Lambda probe
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
T4y	4-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
*	Only models with automatic gearbox
**	Only models with auto-check system
***	Only models with air conditioner

ws = white
sw = black
ro = red
br = brown
gn = green
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li = purple
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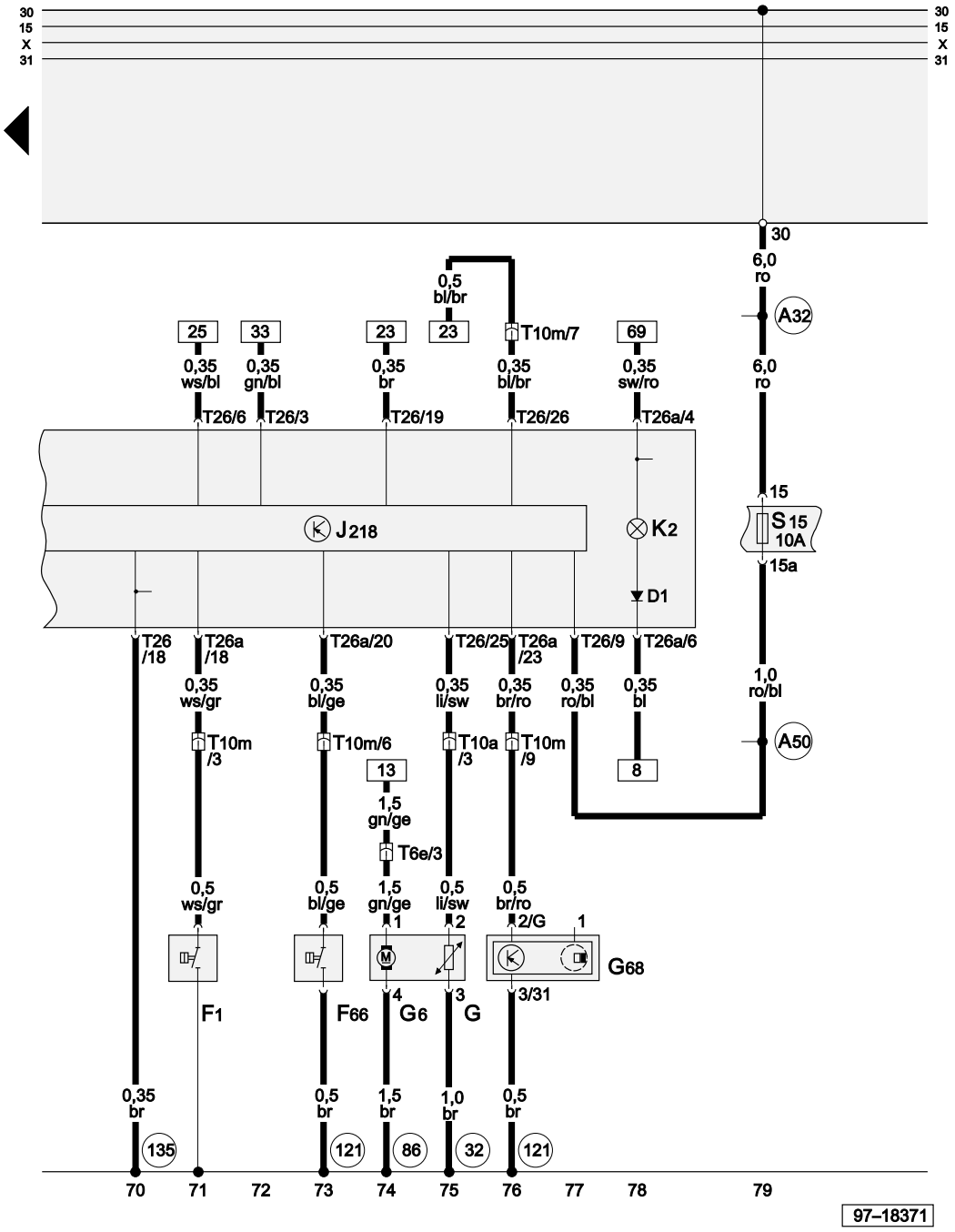


Ignition system

N	Ignition coil 1
N122	Final output stage
N128	Ignition coil 2
N158	Ignition coil 3
N163	Ignition coil 4
P	Spark plug connector
Q	Spark plugs
T4f	4-pin connector, black, on ignition final output stage
T5c	5-pin connector, black, on ignition final output stage
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
18	Earth point, on engine block
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender (inductive sender, 2 connections)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
121	Earth connection -2-, in front right wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness

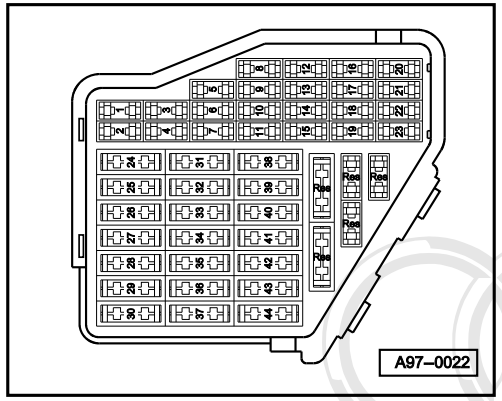
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or	=	orange
rs	=	pink

Audi A4 (1.8 l fuel injection engine, 92 kW, Motronic, 4-cylinder) engine codes ADR

From model year 1997

Fuse box:

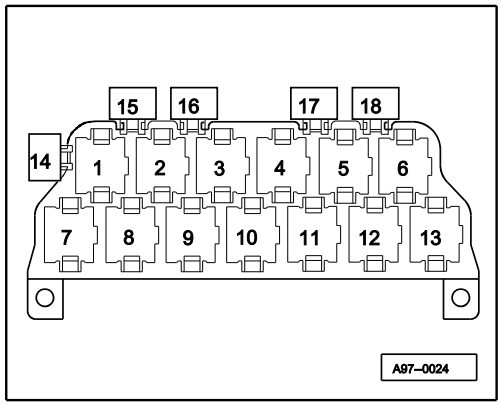


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

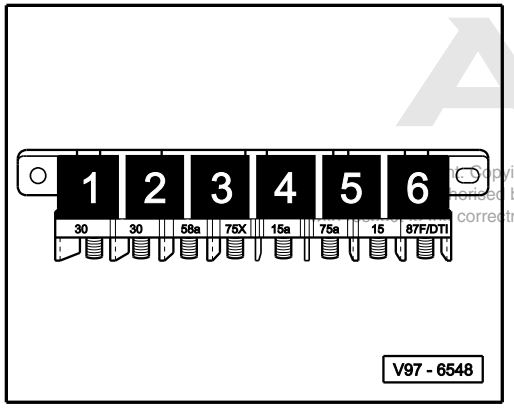
13-point relay carrier:



Position of relays:

13 - Starter inhibitor and reversing light relay

Central electrics - front side:

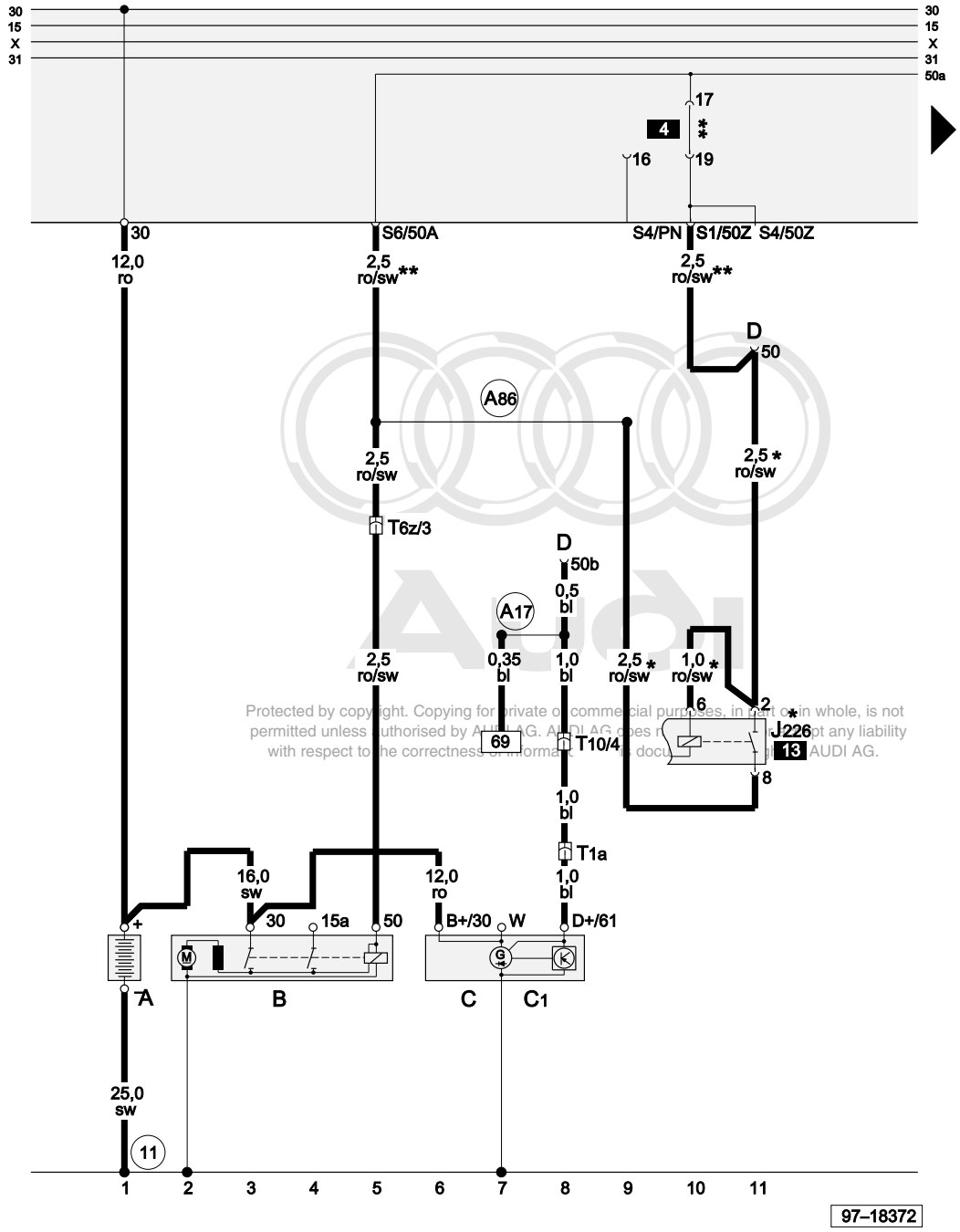


Position of relays:

4 – Bridge connection on models with manual gearbox

6 – Fuel pump relay

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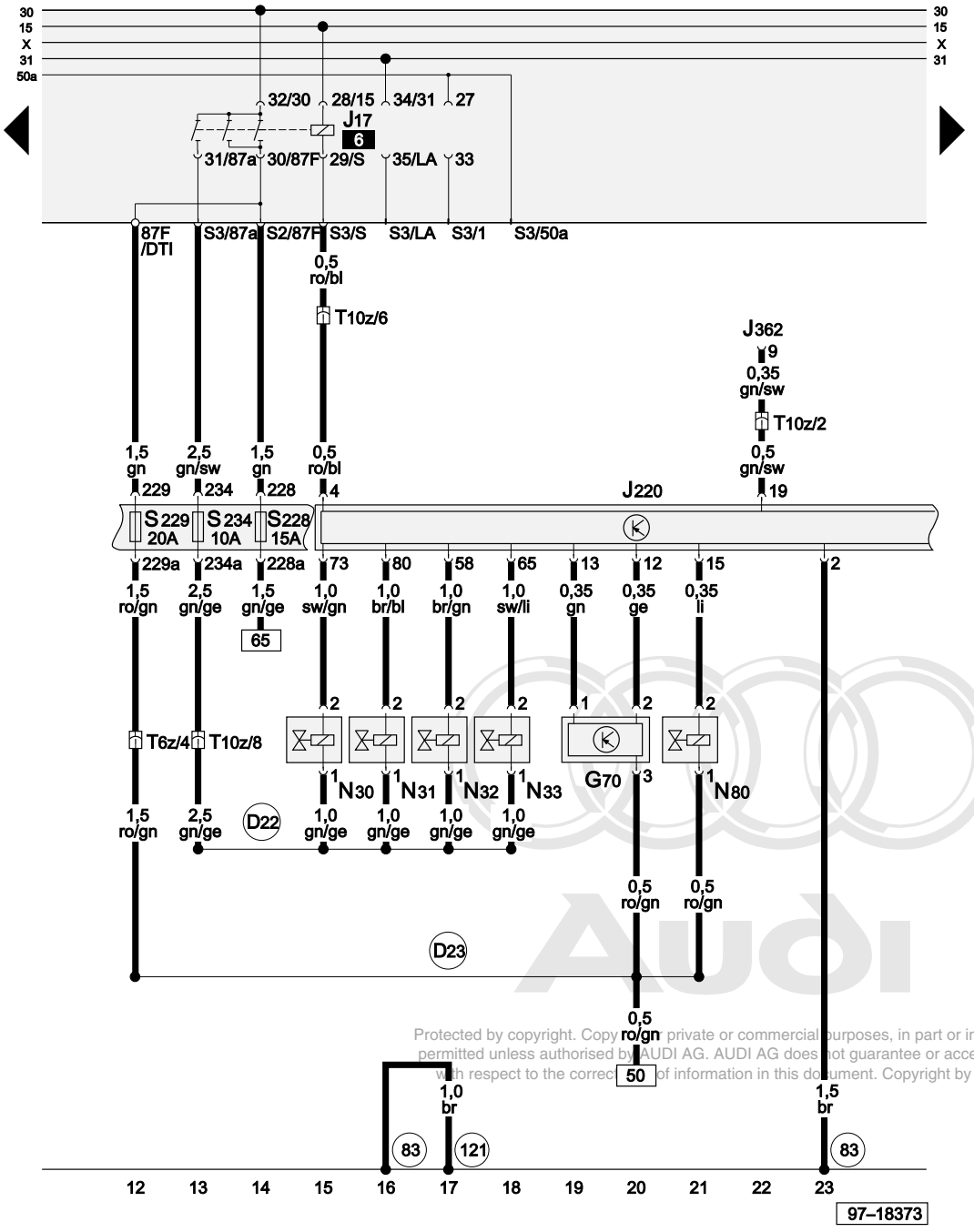


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

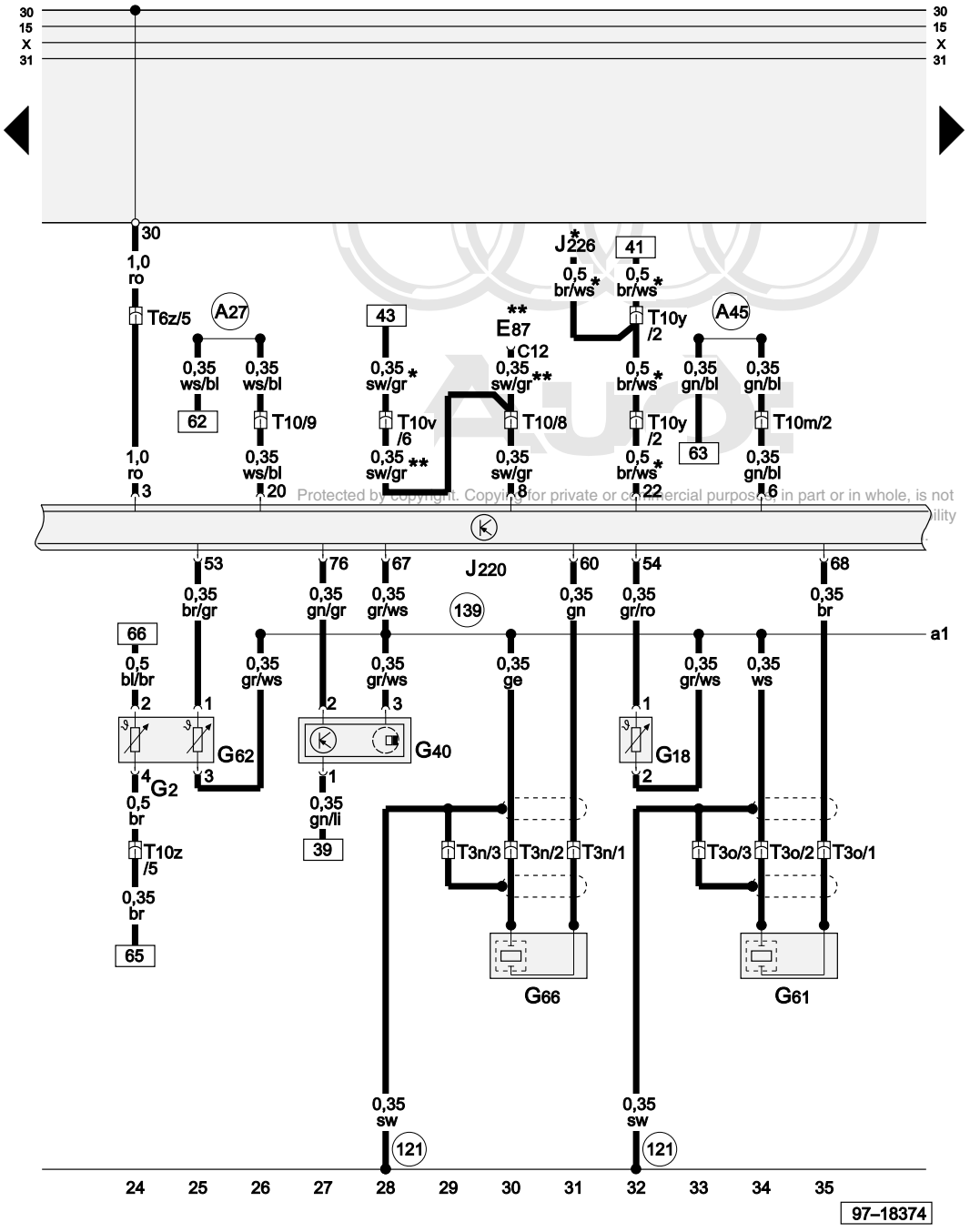


Motronic control unit, fuel pump relay, injectors, air mass meter

G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
121	Earth connection -2-, in front right wiring harness
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in engine compartment wiring harness, right

ws	=	white
sw	=	black
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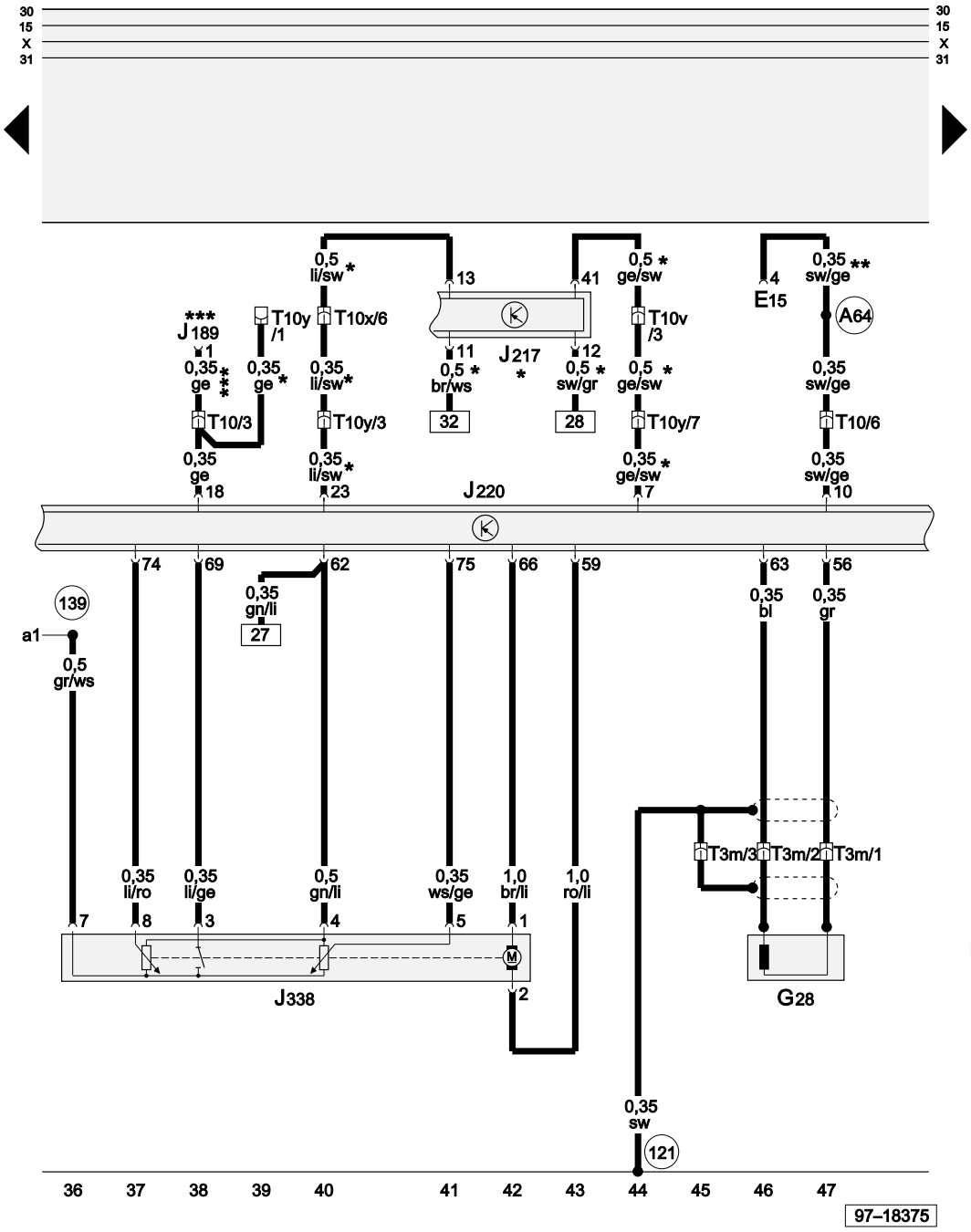


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, coolant temperature sender, knock sensors, hall sender

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G18	Temperature sensor
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
T3o	3-pin connector, green, in engine compartment, left
T3n	3-pin connector, blue, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
121	Earth connection -2-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

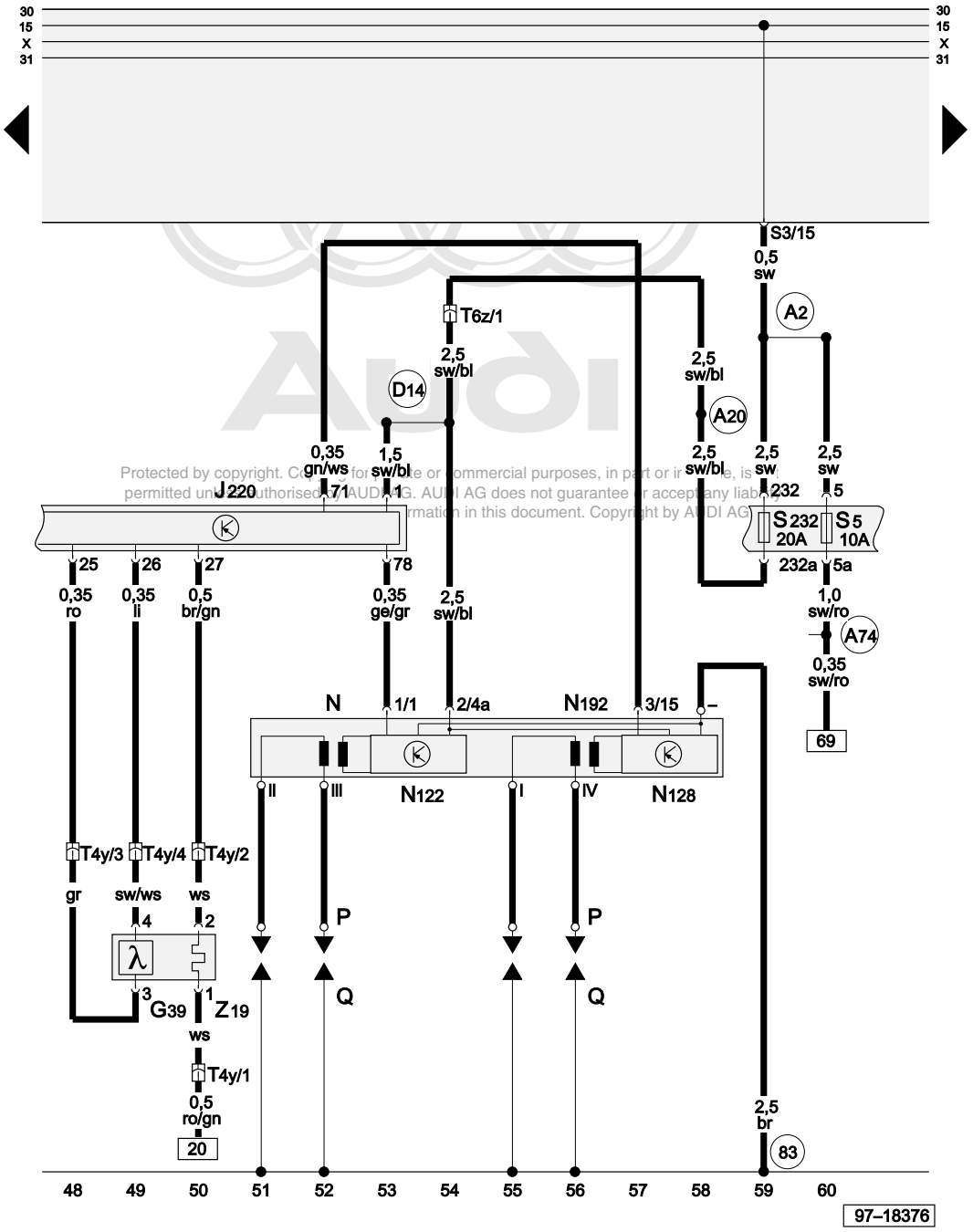


Motronic control unit, engine speed sender, throttle valve control unit

E15	Heated rear window switch
G28	Engine speed sender
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
121	Earth connection -2-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to models with air conditioner
***	Only models with auto-check system

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ro	=	red
br	=	brown
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ge	=	yellow
or	=	orange
rs	=	pink

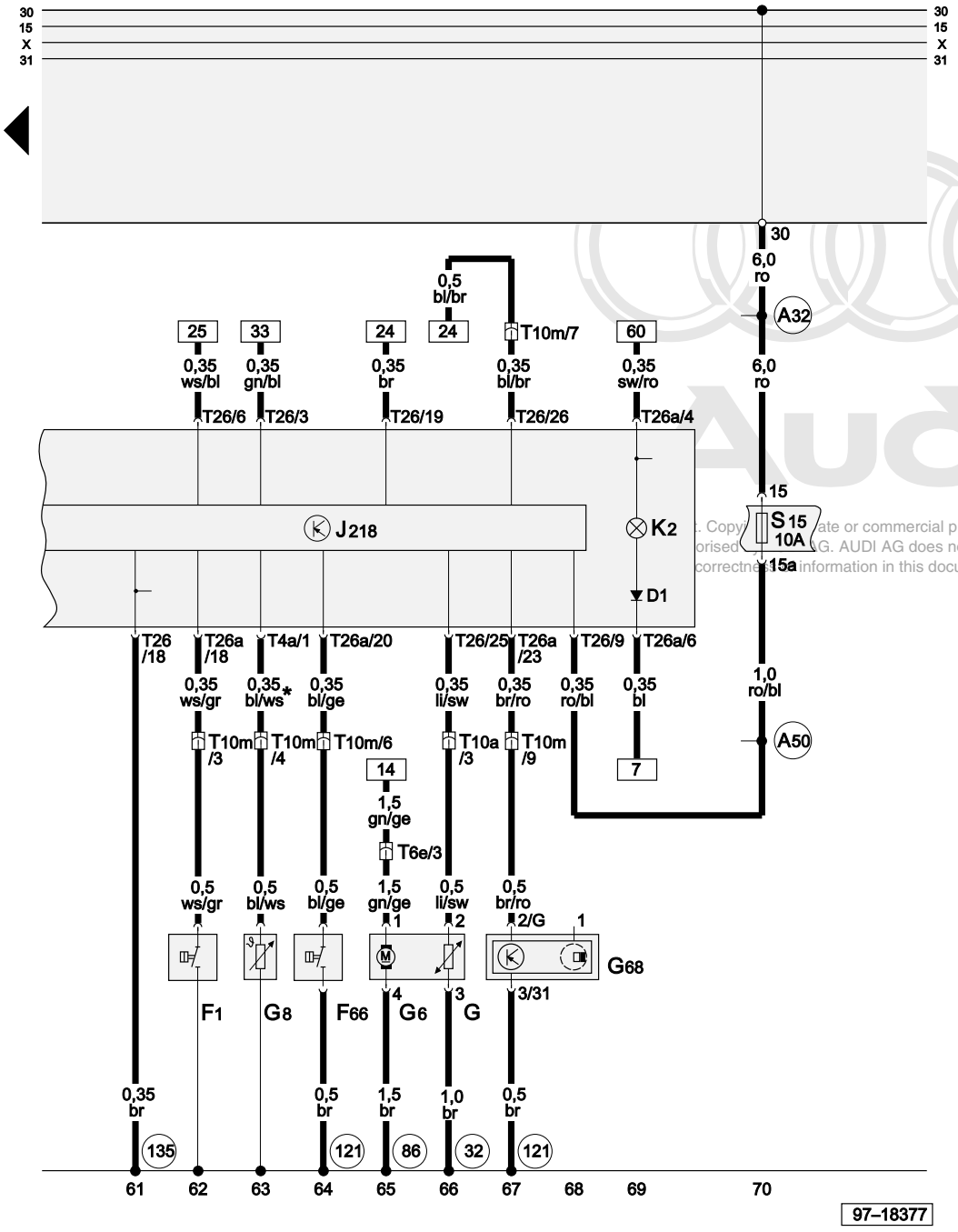


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Motronic control unit, lambda probe, ignition

G39	Lambda probe
J220	Motronic control unit
N	Ignition coil 1
N122	Final output stage 1
N128	Ignition coil 2
N192	Final output stage 2
P	Spark plug connector
Q	Spark plugs
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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rs = pink

Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G8	Oil temperature sender
G68	Vehicle speed sender (inductive sender, 2 connections)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
86	Earth connection -1-, in rear wiring harness
121	Earth connection -2-, in front right wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

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Audi A4 (1.9 l turbo- diesel engine, TDI, 66 kW, 4- cylinder), engine codes 1Z

From model year 1997

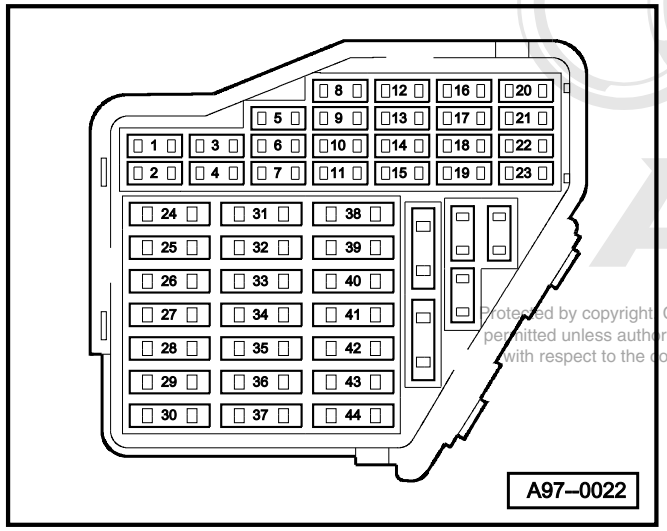
Audi A4 (1.9 l turbo-diesel engine, TDI, 81 kW, 4-cylinder), engine code AFN

From model year 1997

Audi A4 (1.9 l biodiesel engine, TDI, 55 kW, 4-cylinder), engine code AFF

From model year 1997

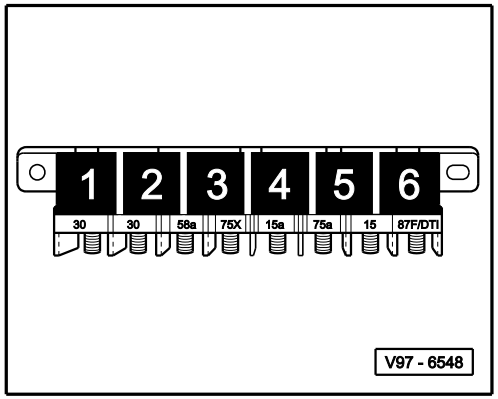
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



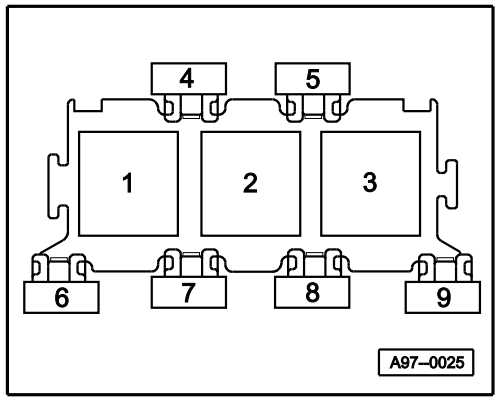
Position of relays:

4 - Bridge connection on models with manual gearbox
6 - Relay for glow plugs

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

3-point relay carrier (electronics box):



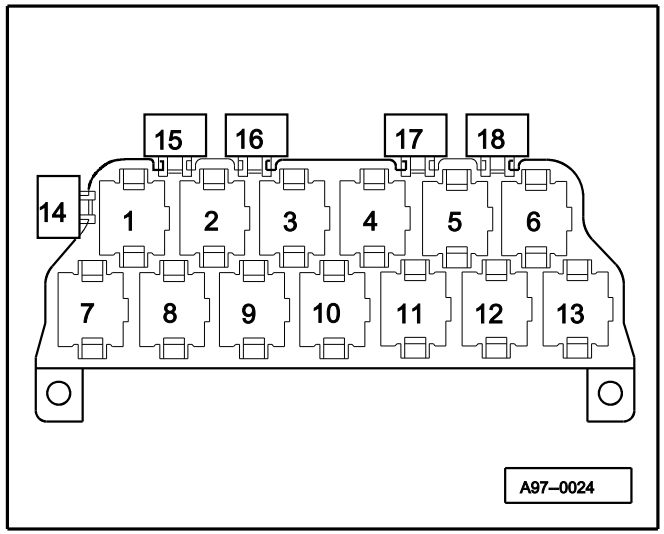
Position of relays:

1 - Relay I for coolant heater elements

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2 - Relay II for coolant heater elements
3 - Diesel direct injection system relay
6 - Fuse for engine electrics
7 - Fuse I for coolant heater elements
8 - Fuse II for coolant heater elements
9 - Fuse for heater element, engine

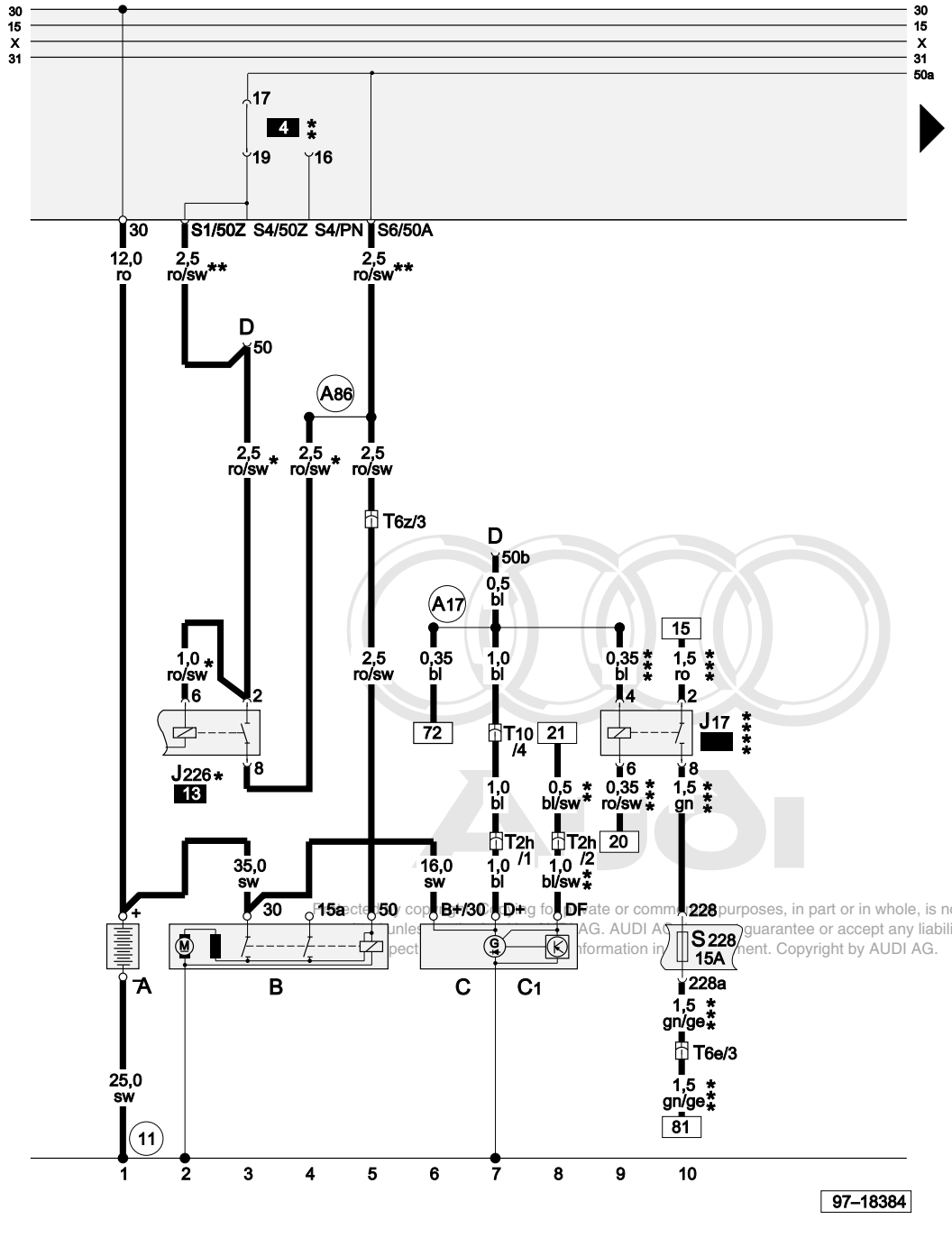
13-point relay carrier:



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Position of relays:

13 - Starter inhibitor and reversing light relay
- Fuel pump relay (Fit at any vacant relay point)

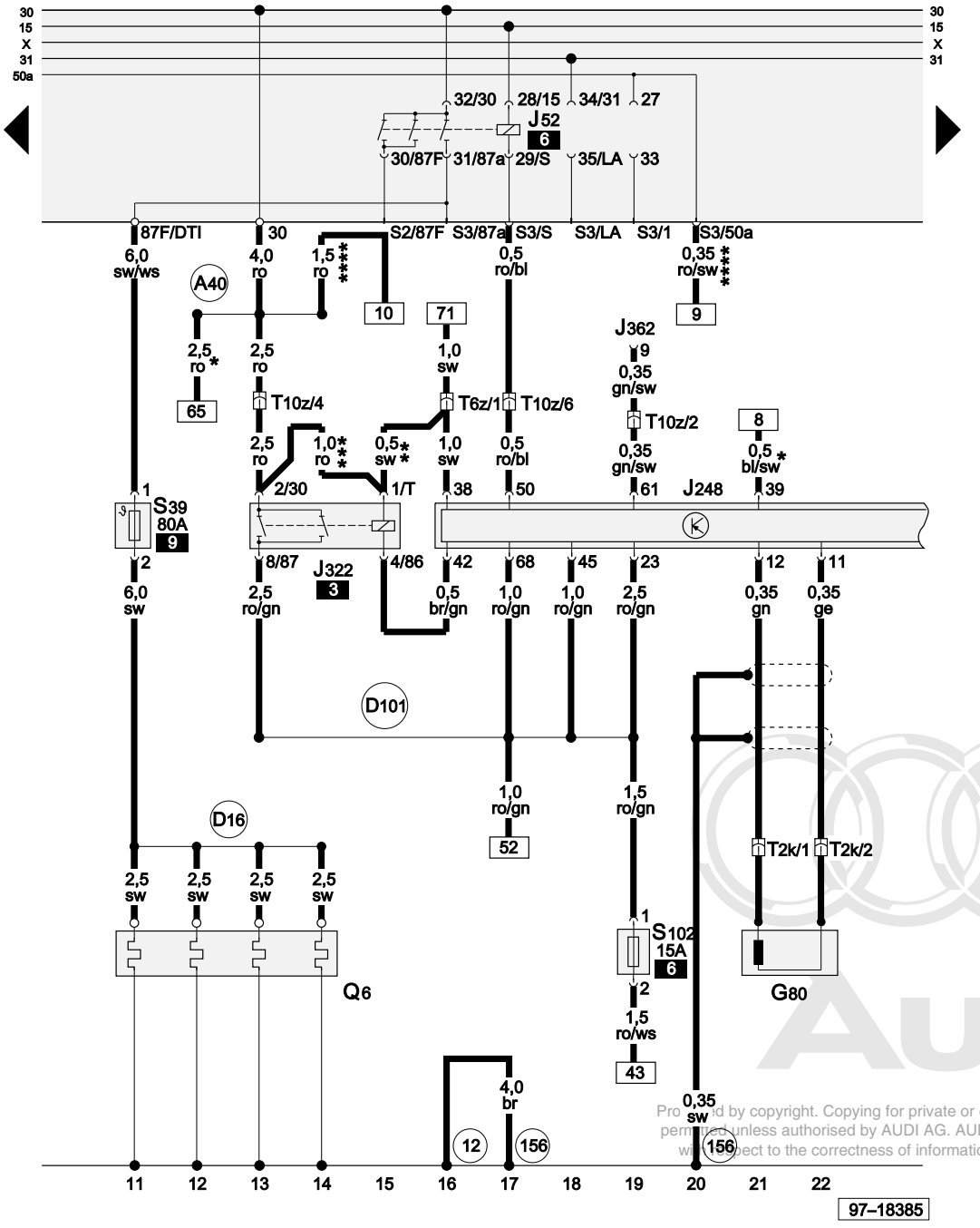


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gn = green
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li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J17	Fuel pump relay
J226	Starter inhibitor and reversing light relay
T2h	2-pin connector, blue, in engine compartment
T6e	6-pin connector, blue, left connector point, A pillar
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox
***	Only models with 81 kW and four-wheel drive
****	Fit at any vacant relay point

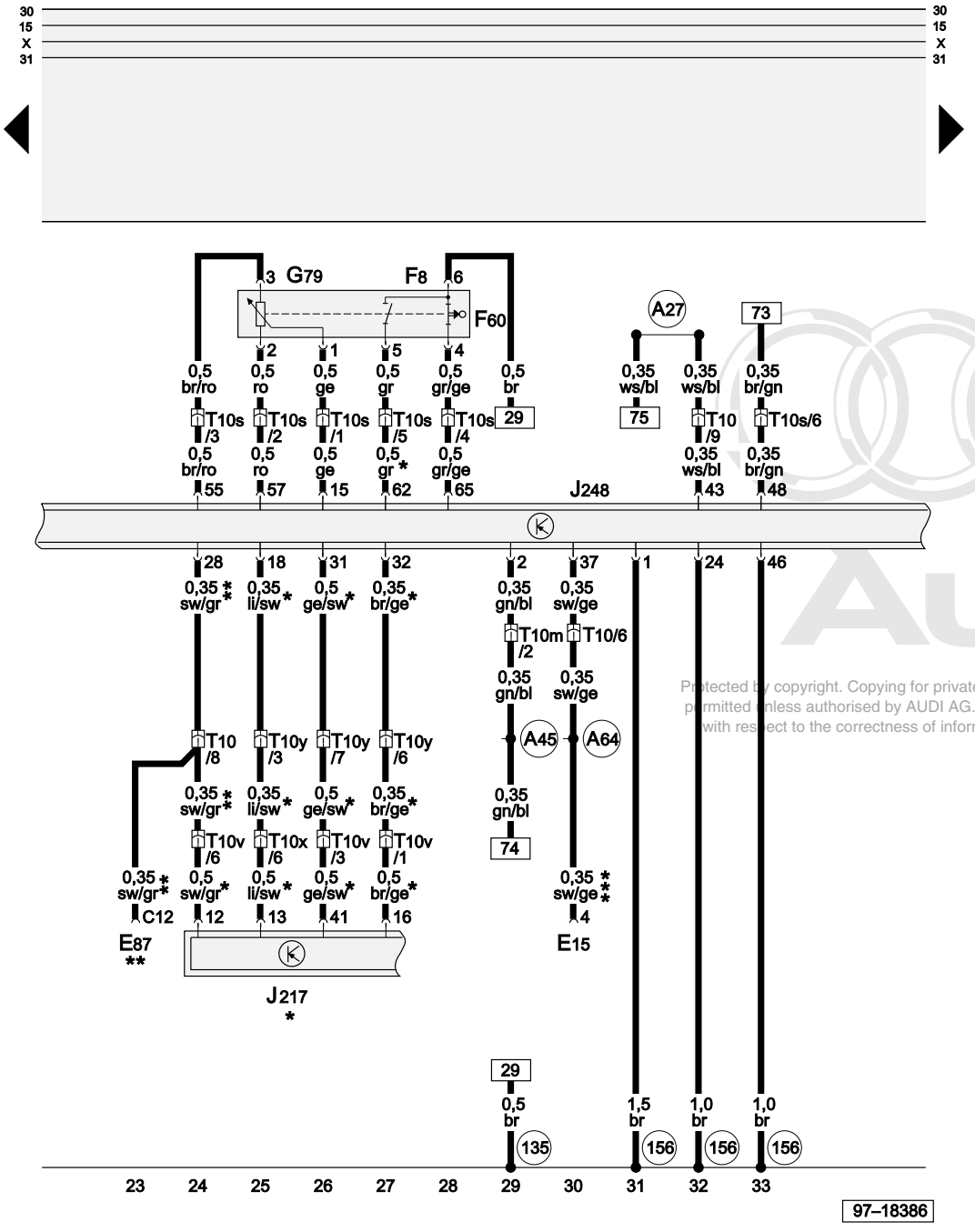


Diesel direct injection system control unit, diesel direct injection system relay, glow plugs

G80	Needle lift sender
J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
J362	Immobilizer control unit
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine)
S102	Fuse for engine electrics (diesel)
T2k	2-pin connector, brown, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
12	Earth connection, in engine compartment, left
156	Earth connection, in diesel direct injection system wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D16	Connection (glow plugs), in engine compartment wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Only models with 66 kW
***	Only models with 81 kW and 55 kW
****	Only models with 81 kW and four-wheel drive

ws	=	white
sw	=	black
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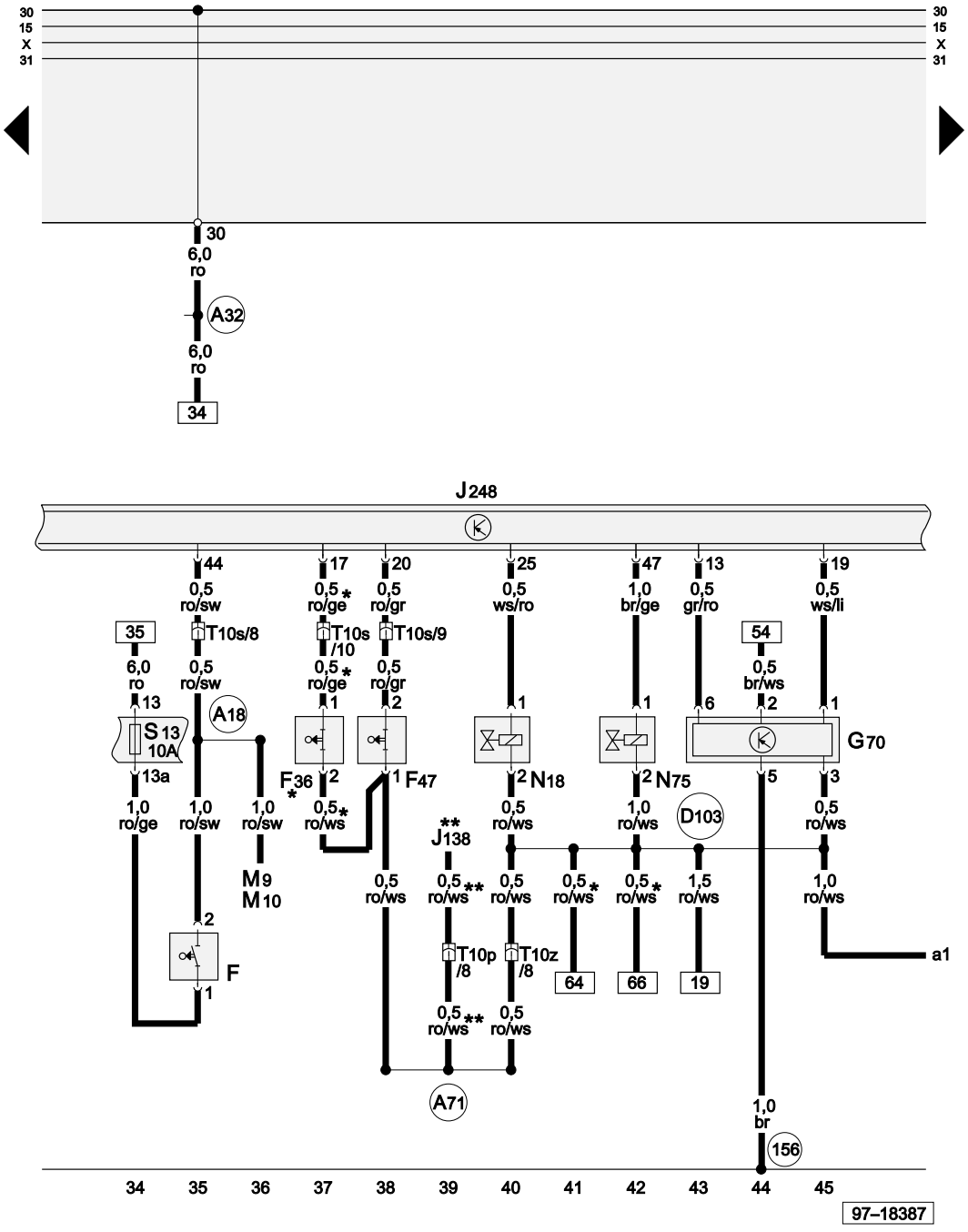


Diesel direct injection system control unit, accelerator pedal position sender

E15	Heated rear window switch
E87	Control and display unit for air conditioner
F8	Kick-down switch
F60	Idling switch
G79	Accelerator pedal position sender
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner
***	Does not apply to models with air conditioner
****	Only models with automatic gearbox and air conditioner

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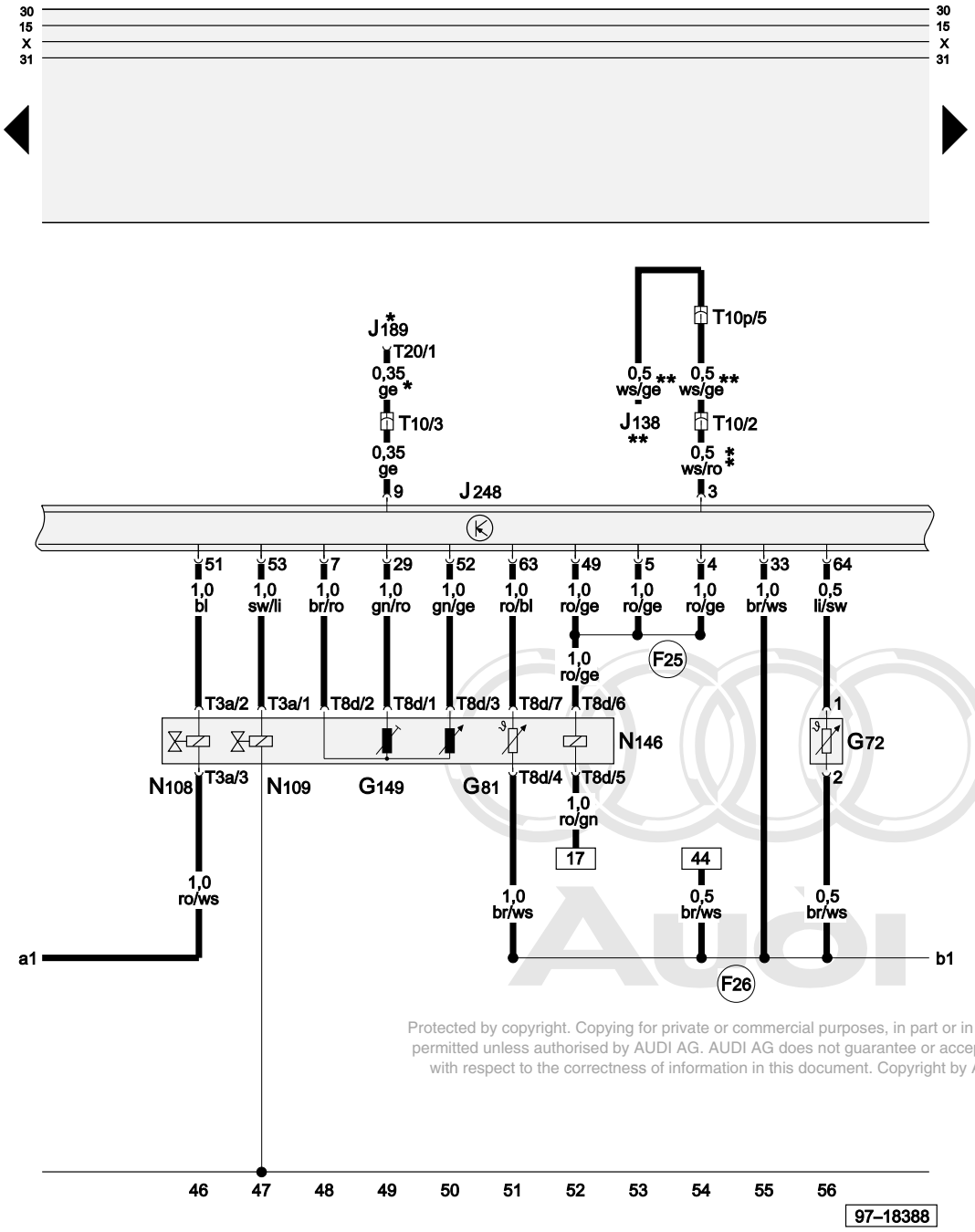


Diesel direct injection system control unit, exhaust gas recirculation valve, charge pressure control solenoid valve

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch for diesel direct inj. system
G70	Air mass meter
J138	Radiator fan run-on relay
J248	Diesel direct injection system control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
T10p	10-pin connector, blue, left connector point, A pillar
T10s	10-pin connector, white, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection system wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Only models with 81 kW and 55 kW

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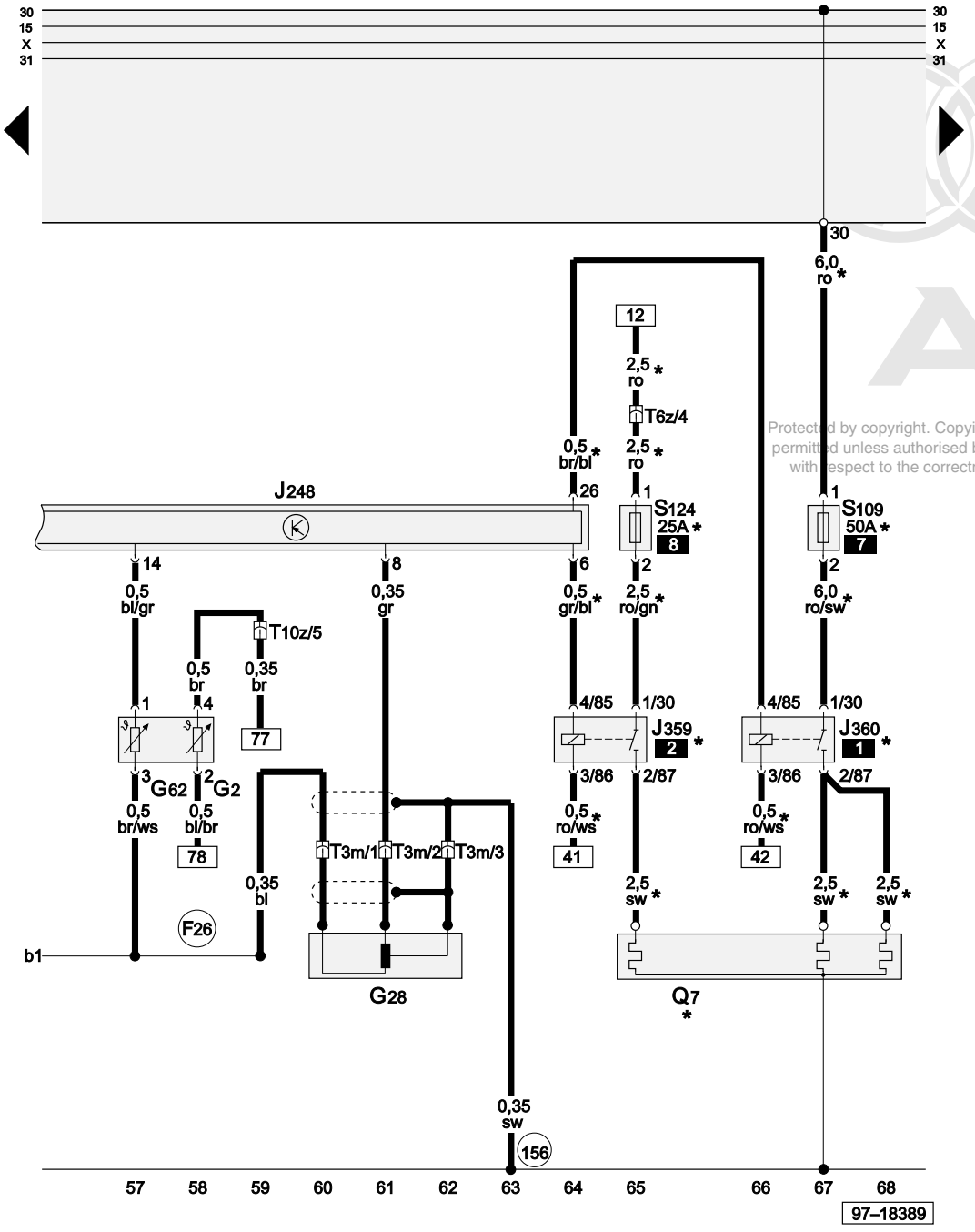


Diesel direct injection system control unit

G72	Intake manifold temperature sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J138	Radiator fan run-on relay
J189	Auto-check system
J248	Diesel direct injection system control unit
N108	Commencement of injection valve
N109	Fuel shut-off valve
N146	Metering adjuster
T3a	3-pin connector, black, in engine compartment
T8d	8-pin connector, in engine compartment
T10p	10-pin connector, blue, left connector point, A pillar
T20	20-pin connector, black, on dash panel insert
F25	Connection -1-, in diesel direct injection system wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only models with auto-check system
**	Only models with 81 kW and 55 kW

ws	=	white
sw	=	black
ro	=	red
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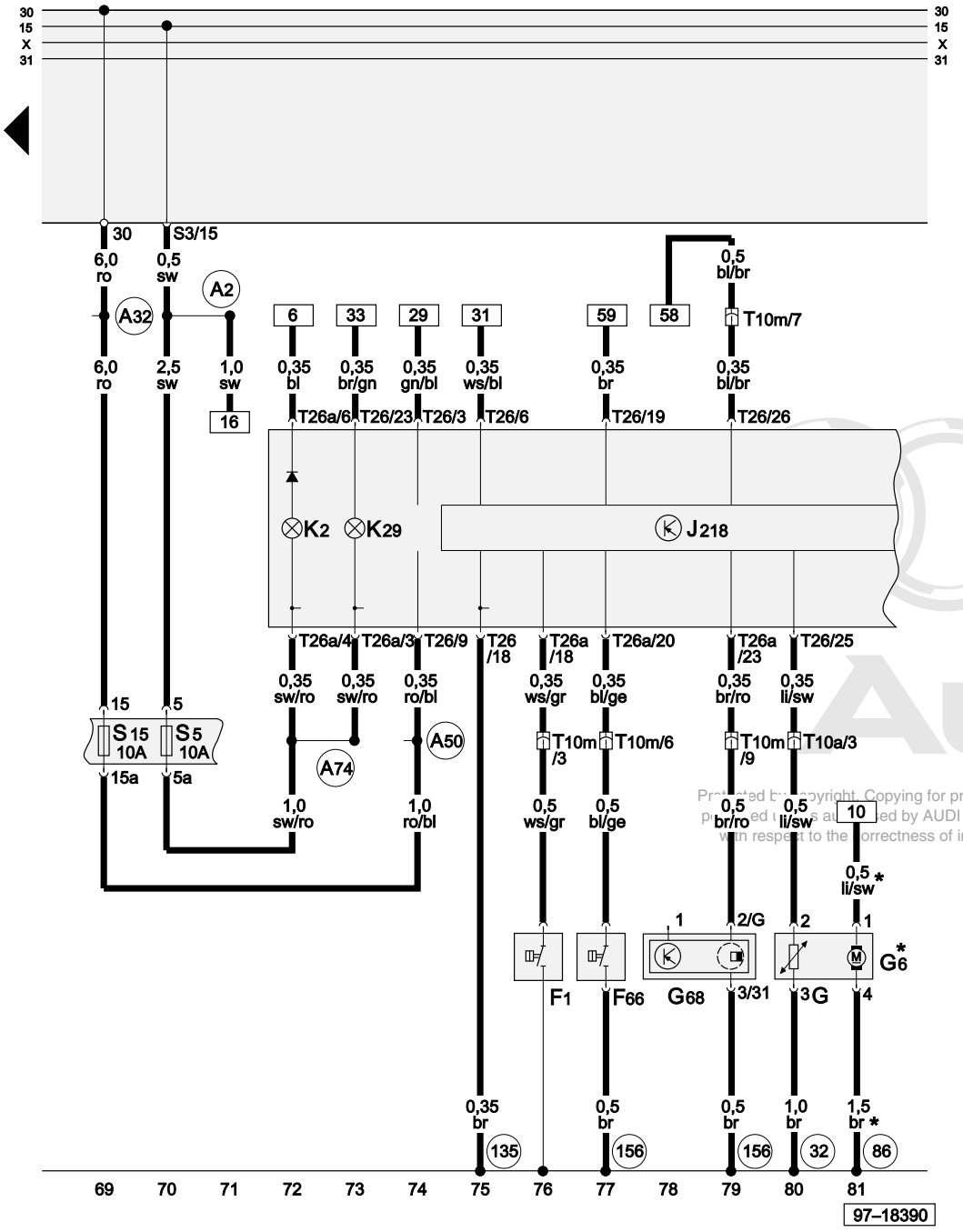


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, engine speed sender, ccoolant temperature sender, relay for coolant heater elements, coolant heating elements

G2	Coolant temperature sender
G28	Engine speed sender
G62	Coolant temperature sender
J248	Diesel direct injection system control unit
J359	Low heat output relay
J360	High heat output relay
Q7	Coolant heating elements
S109	Coolant heater element fuse (coolant, high heat output)
S124	Coolant heater element fuse (coolant, low heat output)
T3m	3-pin connector, grey, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection system wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only models with manual gearbox

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Dash panel insert, combi-processor in dash panel insert, fuel gauge sender, road speed sender, oil pressure switch

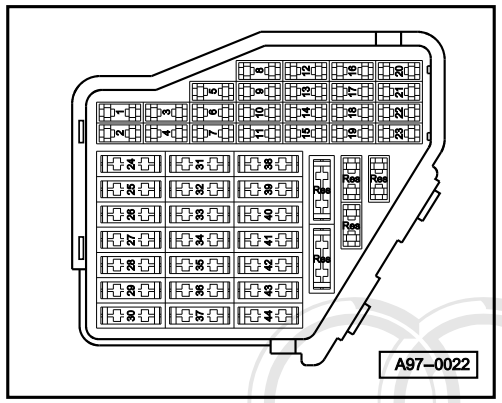
F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K29	Glow period warning lamp
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
156	Earth connection, in diesel direct injection system wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
*	Only models with 81 kW and four-wheel drive

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Audi A4 (1.6 l fuel injection engine, 74 kW, Motronic, 4 cylinder) engine codes ADP

From model year 1997

Fuse box:

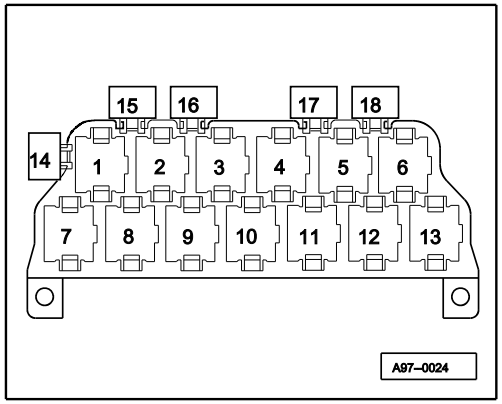


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

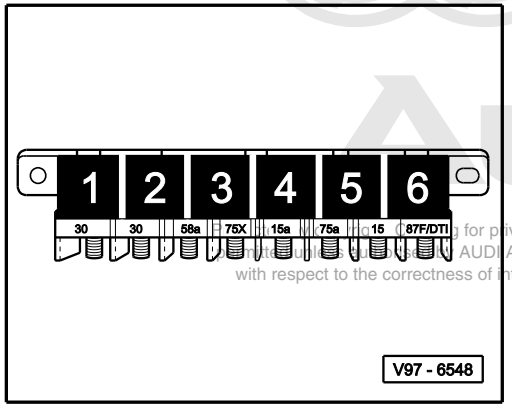
13-point relay carrier:



Position of relays:

13 – Starter inhibitor and reversing light relay

Central electrics - front side:

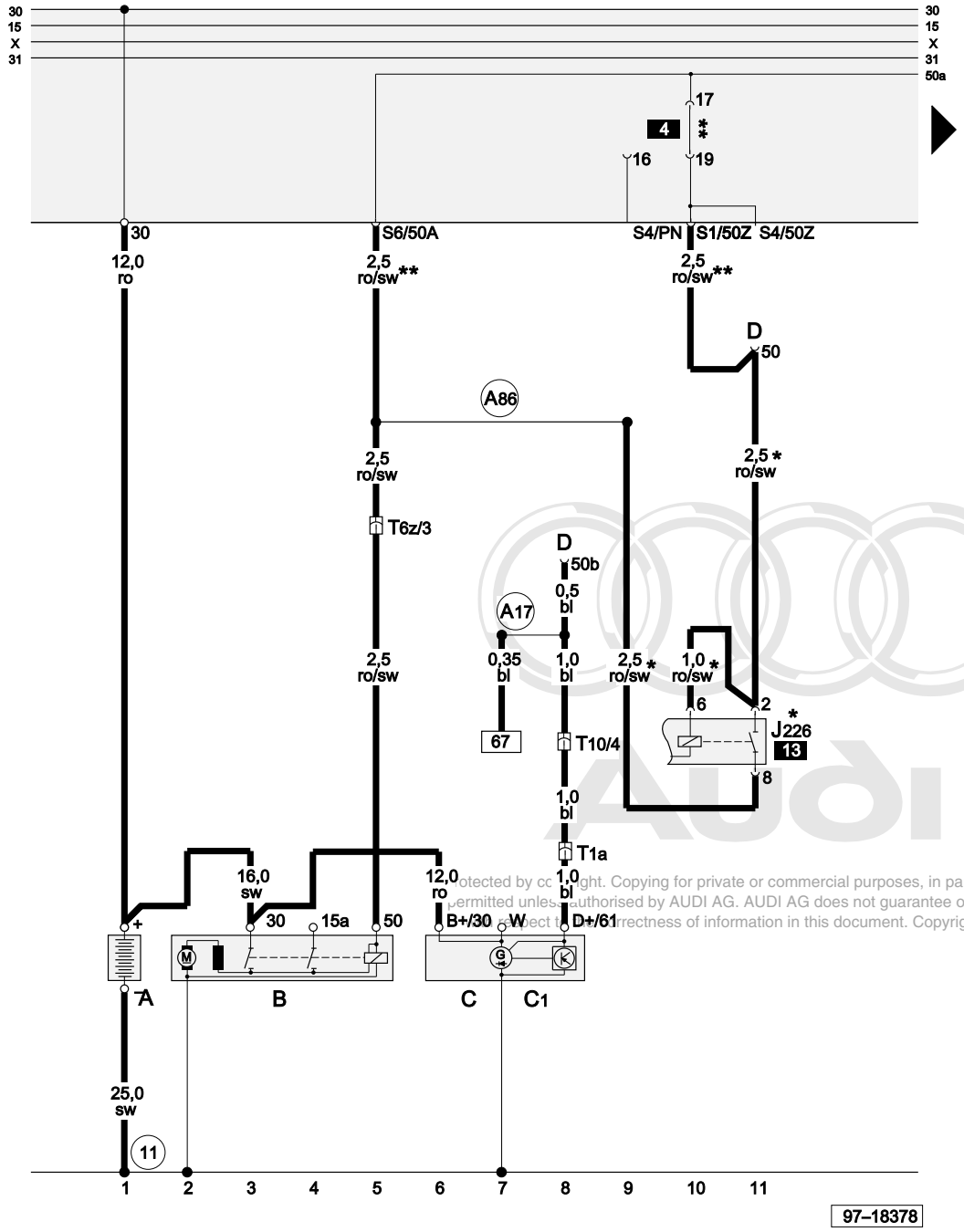


Position of relays:

4 – Bridge connection on models with manual gearbox

6 – Fuel pump relay

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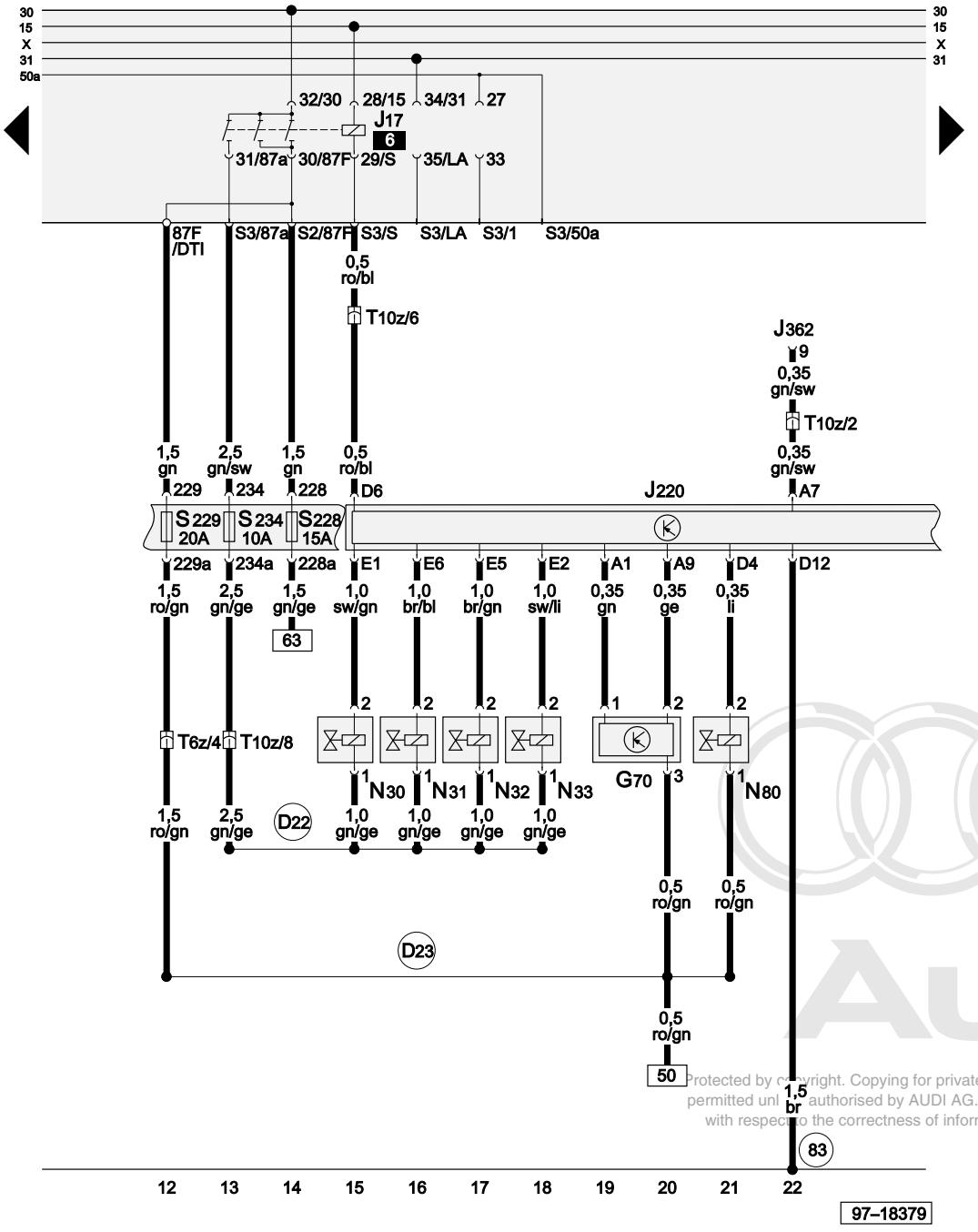


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gn = green
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

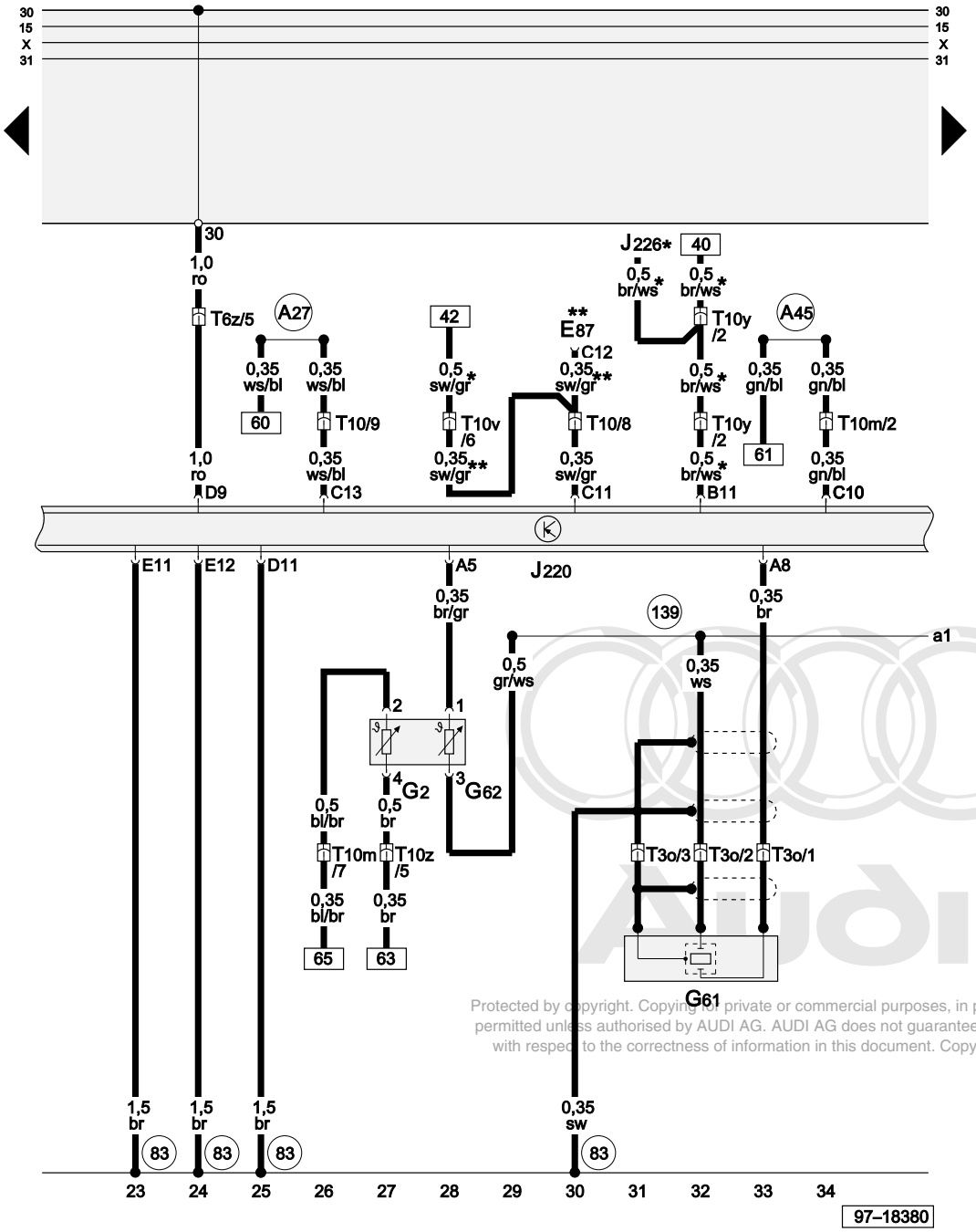


Motronic control unit, fuel pump relay, air mass meter, injectors

G70	Air mass meter
J17	Fuel pump relay
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
D22	Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
D23	Positive (+) connection (87F), in engine compartment wiring harness, right

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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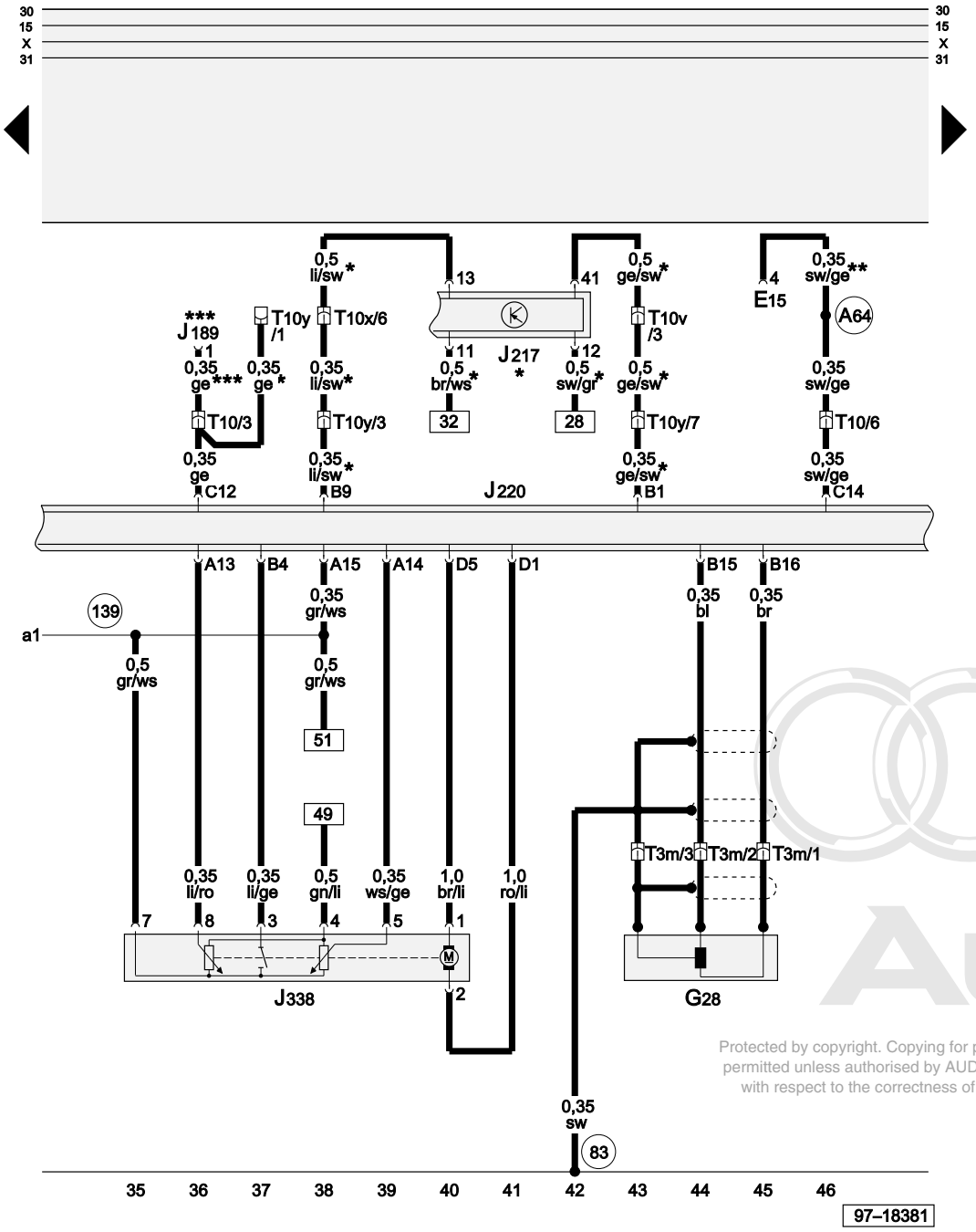


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Motronic control unit, knock sensors, coolant temperature sender

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
J220	Motronic control unit
J226	Starter inhibitor and reversing light relay
T3o	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

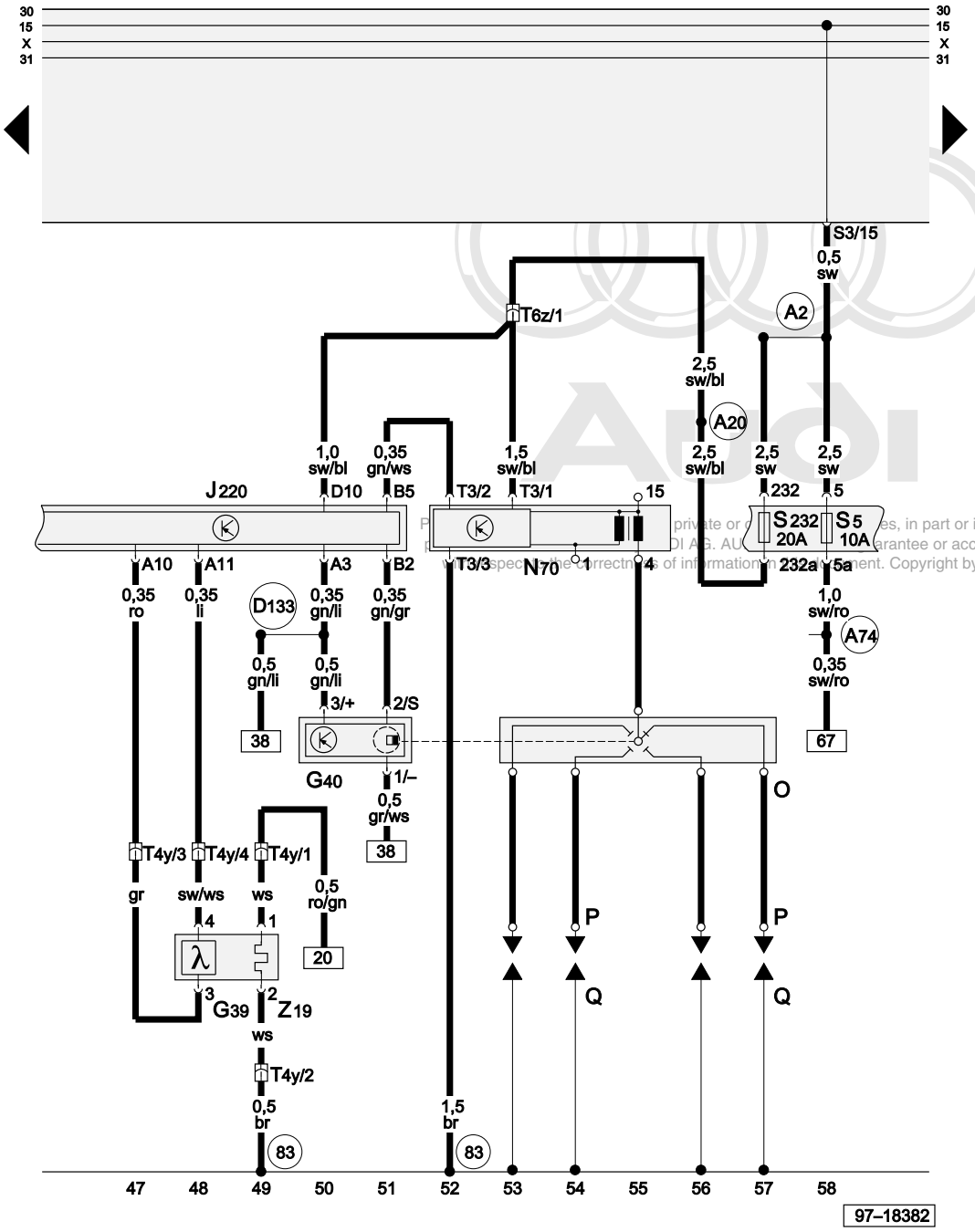


Motronic control unit, throttle valve control unit, engine speed sender

E15	Heated rear window switch
G28	Engine speed sender
J189	Auto-check system
J217	Automatic gearbox control unit
J220	Motronic control unit
J338	Throttle valve control unit
T3m	3-pin connector, grey, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to models with air conditioner
***	Only models with auto-check system

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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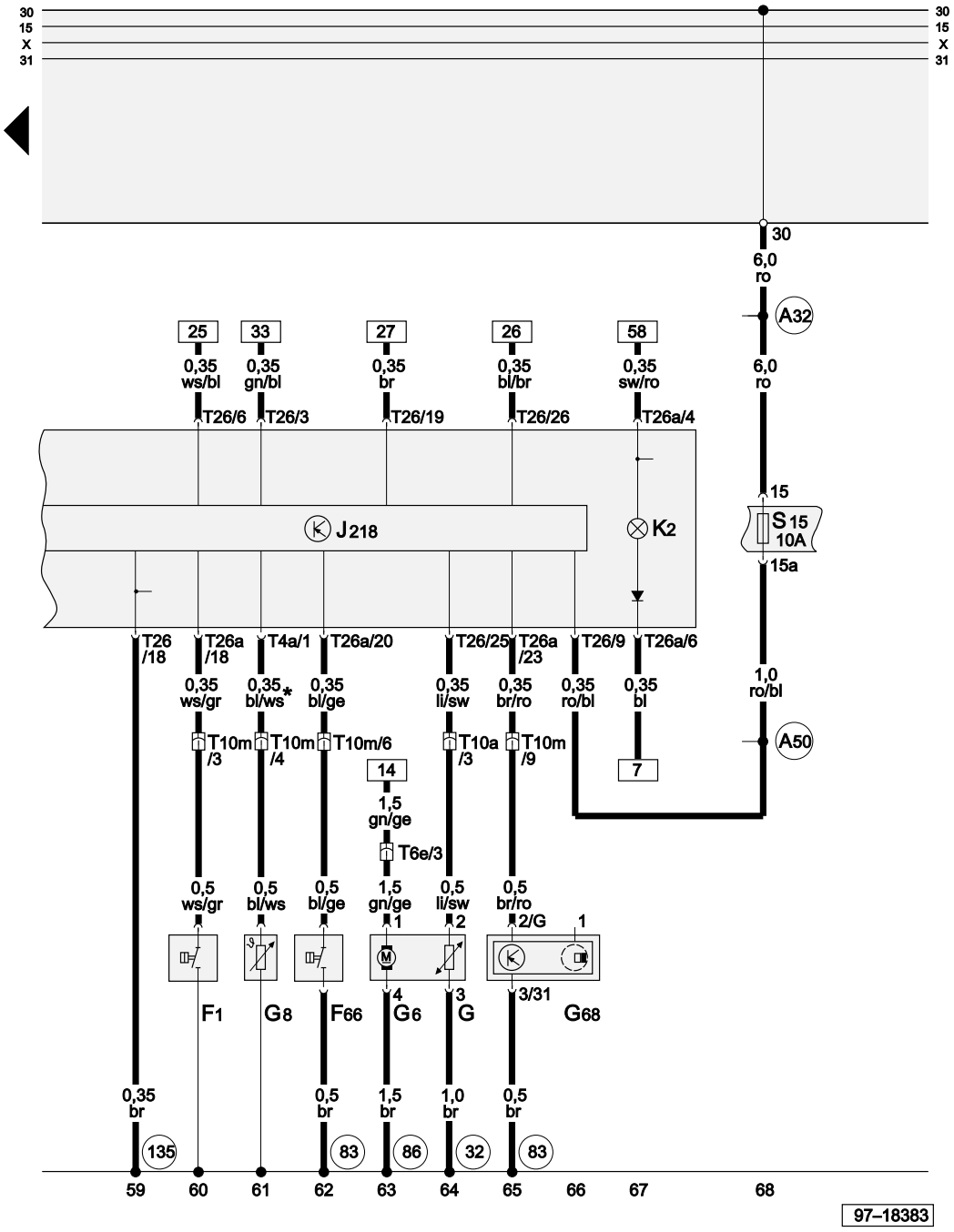


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sw = black
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gr = grey
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Motronic control unit, hall sender, ignition coil, lambda probe

G39	Lambda probe
G40	Hall sender
J220	Motronic control unit
N70	Ignition coil 1 with output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T4y	4-pin connector, black, in engine compartment, right
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
D133	Connection (Hall sender signal), in engine compartment wiring harness

Audi



Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G8	Oil temperature sender
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

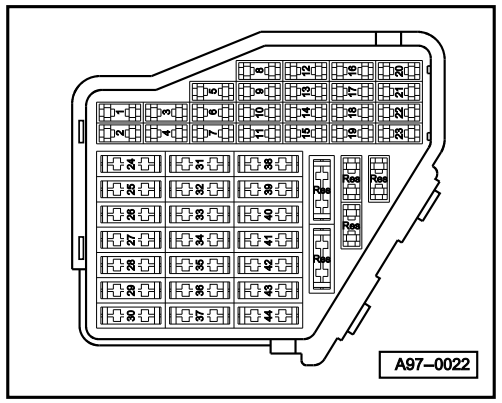
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Audi A4 (1.6 l litre fuel injection engine, 74 kW, Simos, 4 cylinder) engine codes AHL

From model year 1997

Fuse box:

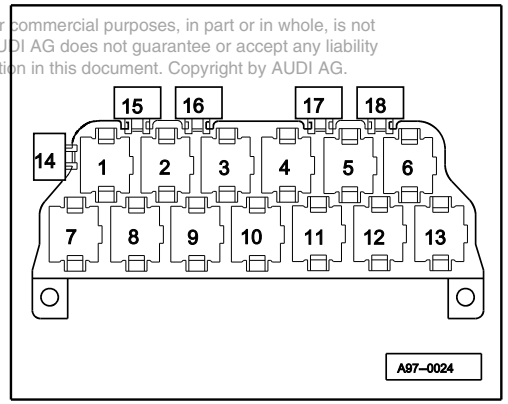


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

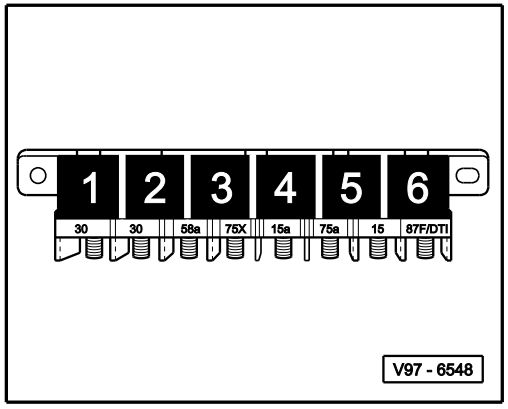
13-point relay carrier:



Position of relays:

13 - Starter inhibitor and reversing light relay

Central electrics - front side:

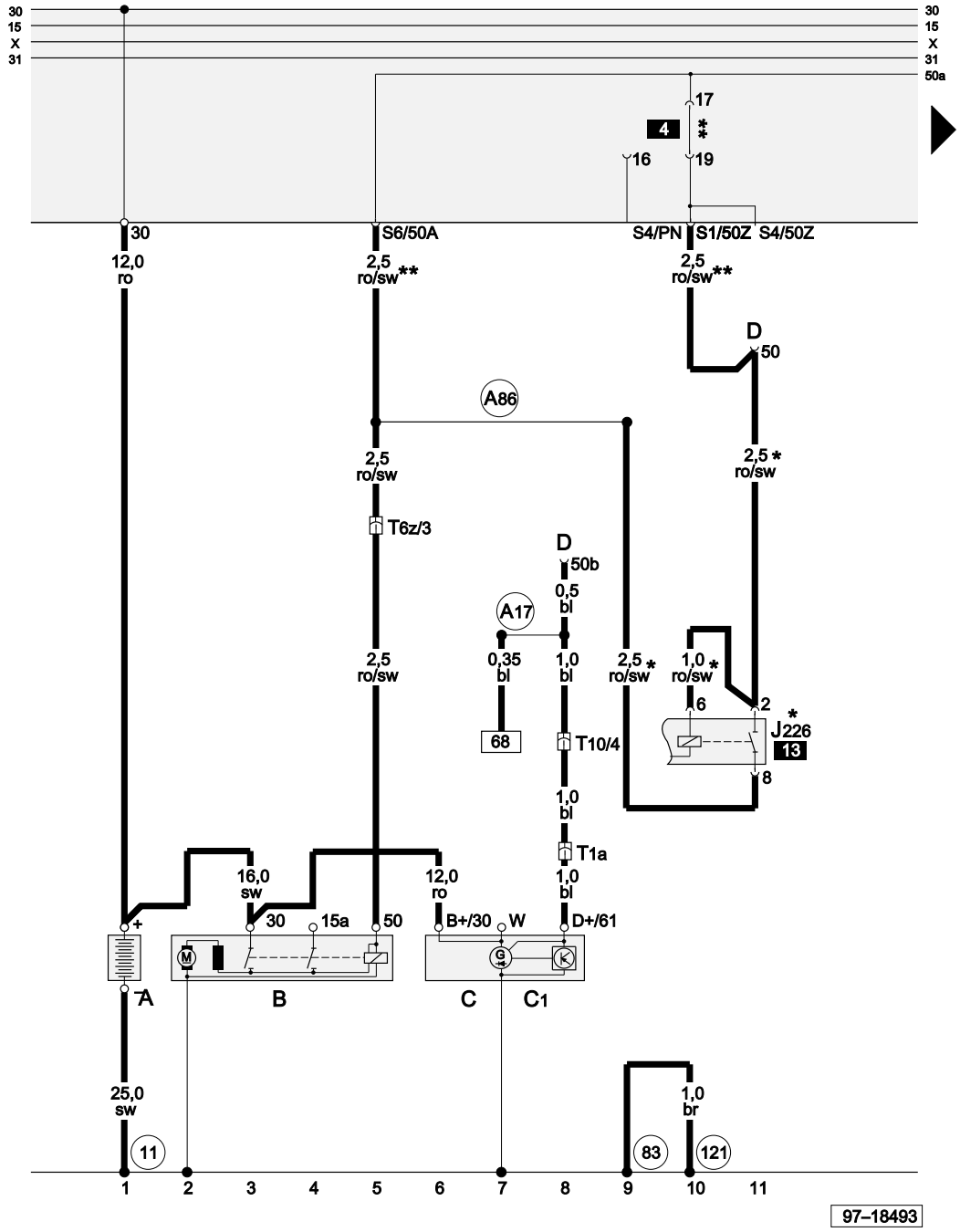


Position of relays:

4 - Bridge connection on models with manual gearbox
4 - Starter inhibitor and reversing light relay with automatic gearbox

6 - Fuel pump relay

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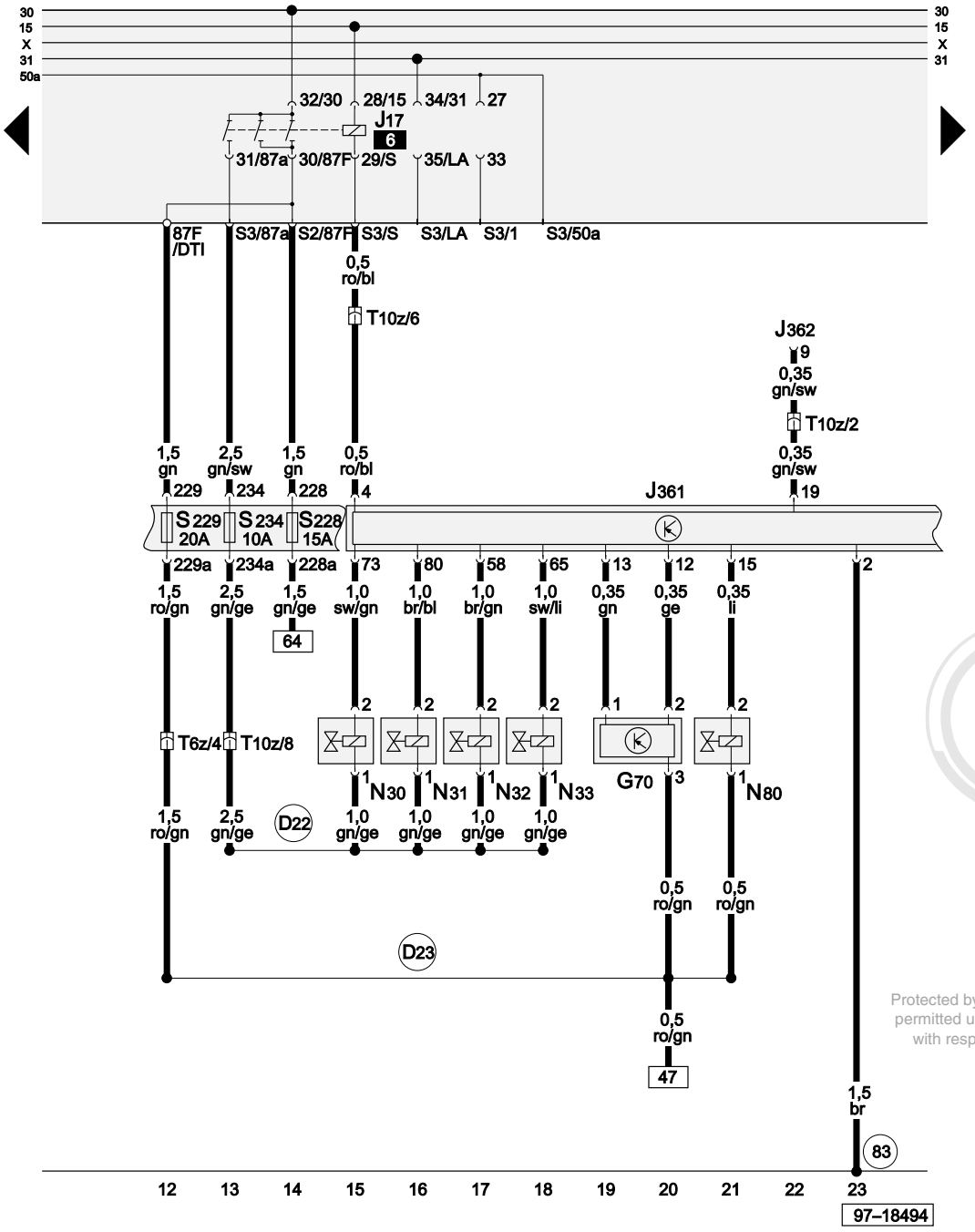


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
T1a	Single connector, blue, in engine compartment
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
83	Earth connection -1-, in front right wiring harness
121	Earth connection -2-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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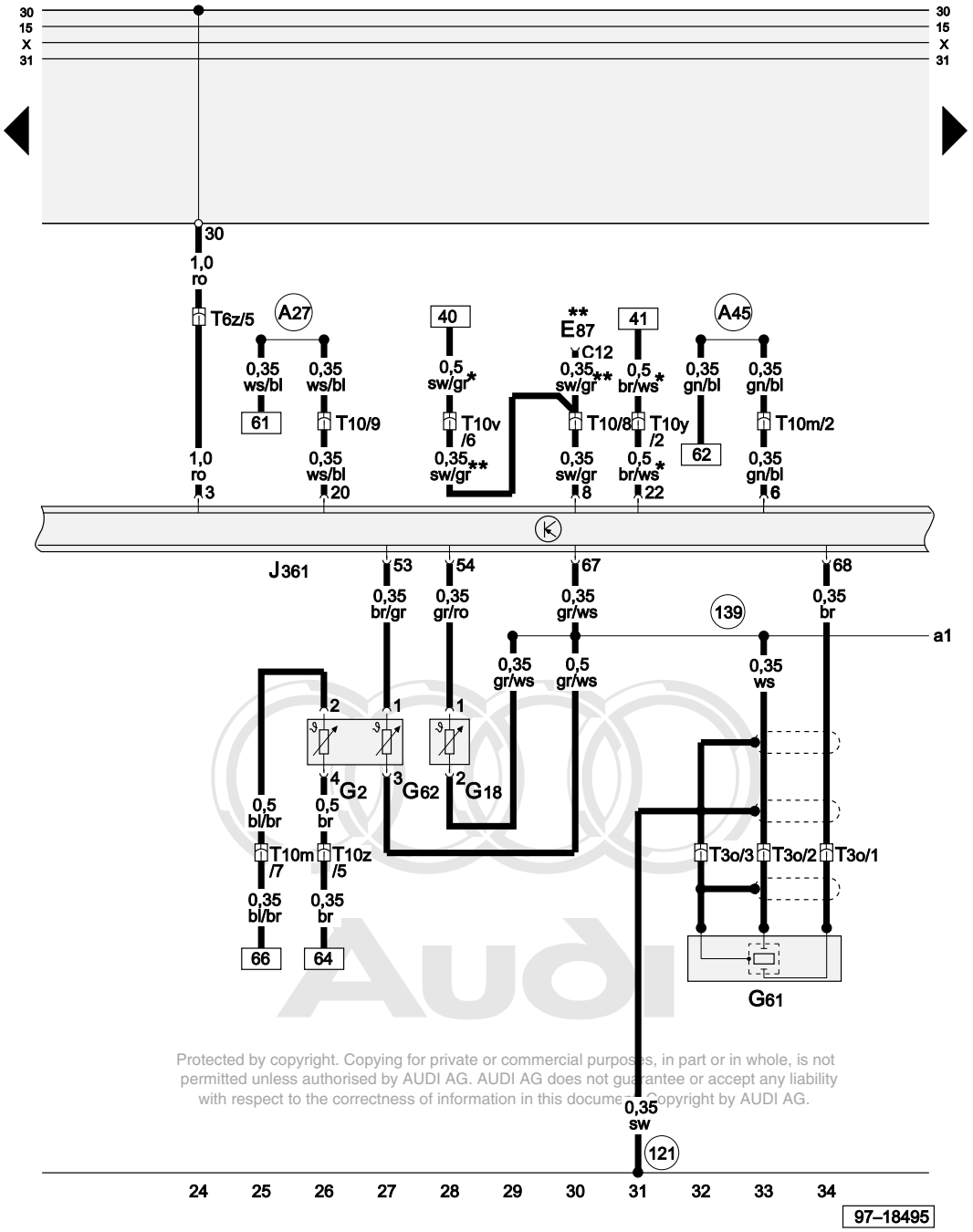


Simos control unit, fuel pump relay, air mass meter, injectors

G70	Air mass meter
J17	Fuel pump relay
J361	Simos control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N80	Activated charcoal filter system solenoid valve 1
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
D22	Connection (87a for injectors), in engine compartment wiring harness, right
D23	Connection (87F), in engine compartment wiring harness, right

ws	=	white
sw	=	black
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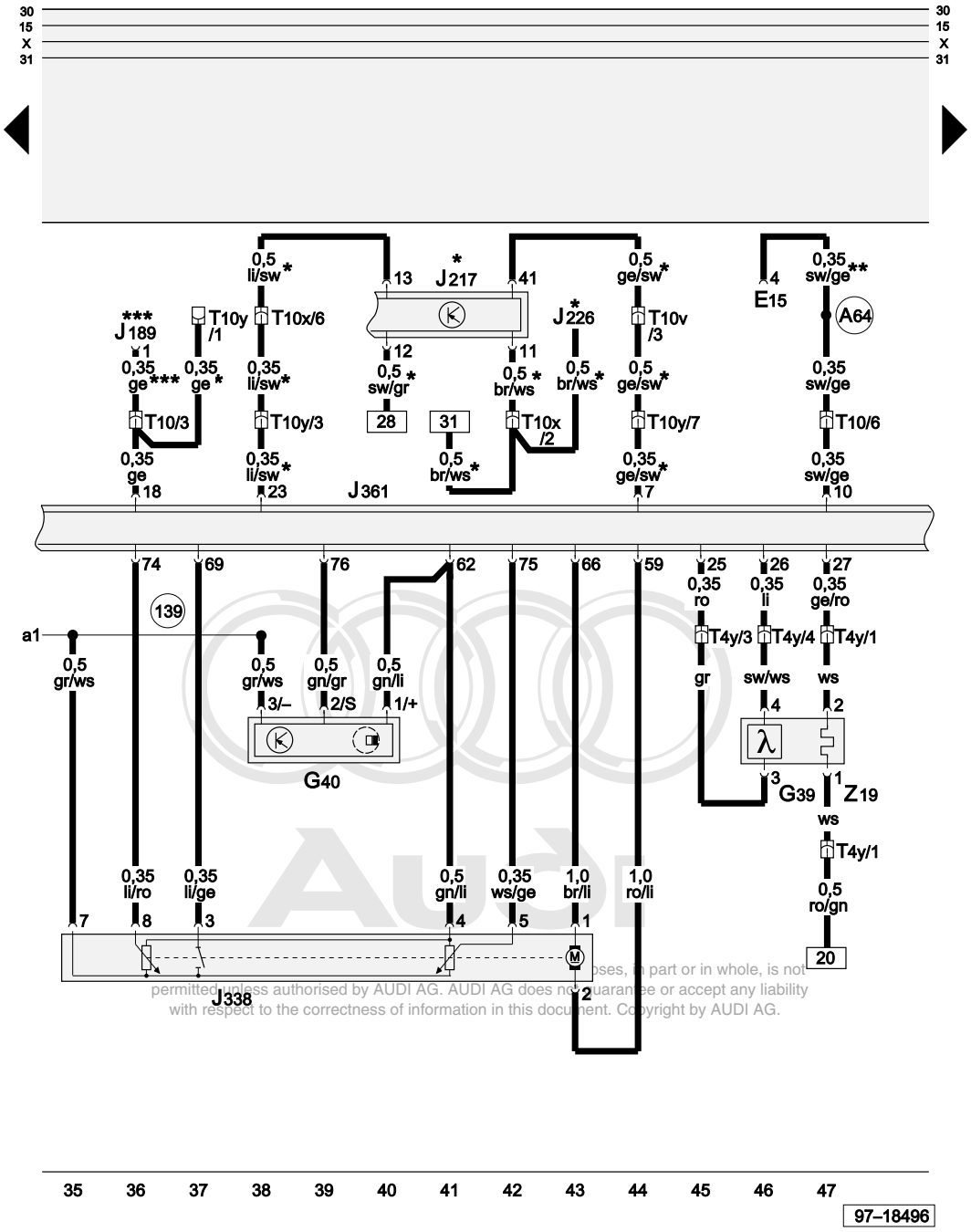


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Simos control unit, knock sensor, coolant temperature sender

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G18	Temperature sensor
G61	Knock sensor I
G62	Coolant temperature sender
J361	Simos control unit
T3o	3-pin connector, green, in engine compartment, left
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
121	Earth connection -2-, in front right wiring harness
139	Earth connection (sender earth), in engine compartment wiring harness, right
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

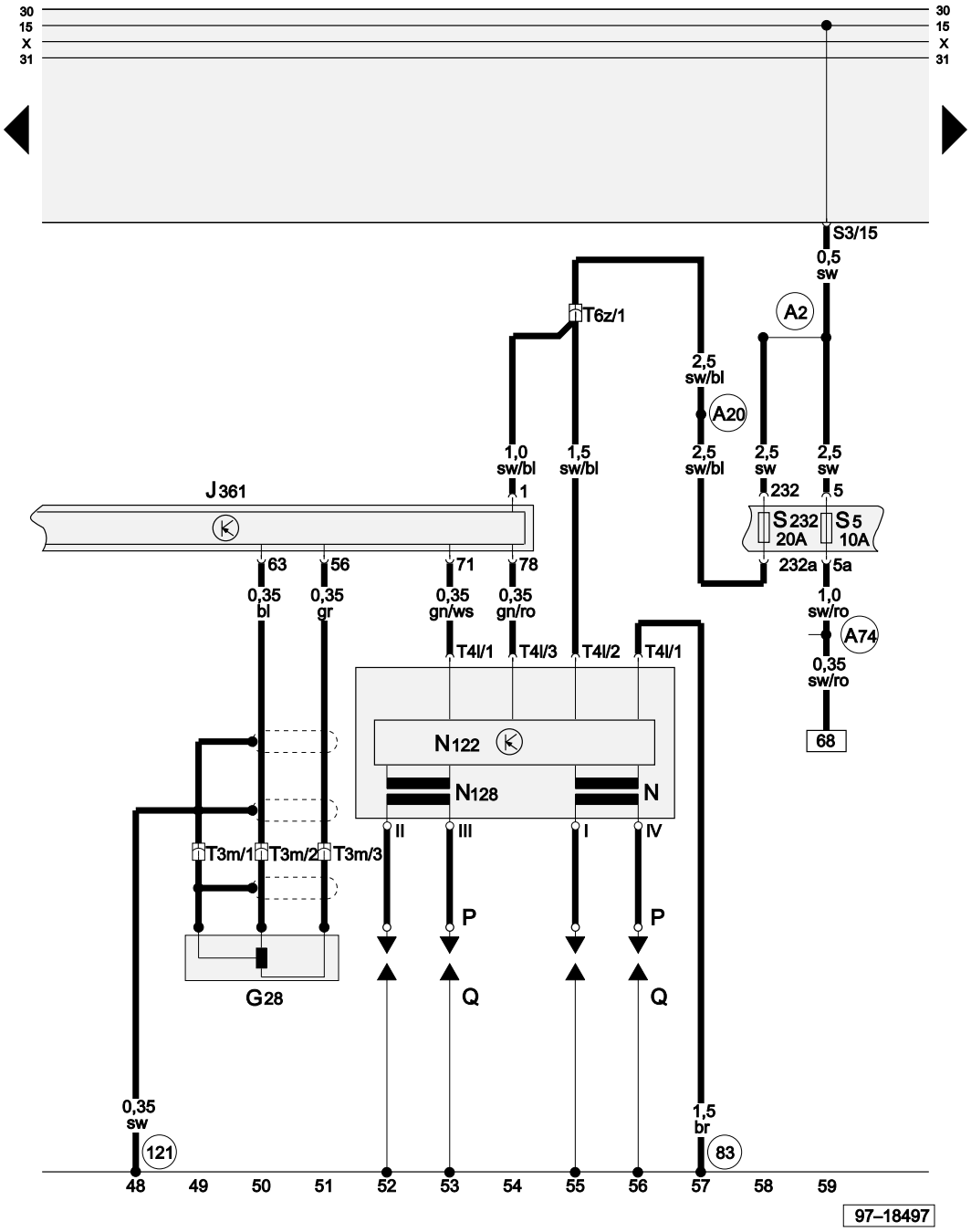


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Simos control unit, throttle valve control unit, lambda probe, hall sender

E15	Heated rear window switch
G39	Lambda probe
G40	Hall sender
J189	Auto-check system
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
J338	Throttle valve control unit
J361	Simos control unit
T4y	4-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
139	Earth connection (sender earth), in engine compartment wiring harness, right
A64	Connection (rpm boost), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to models with air conditioner
***	Only models with auto-check system

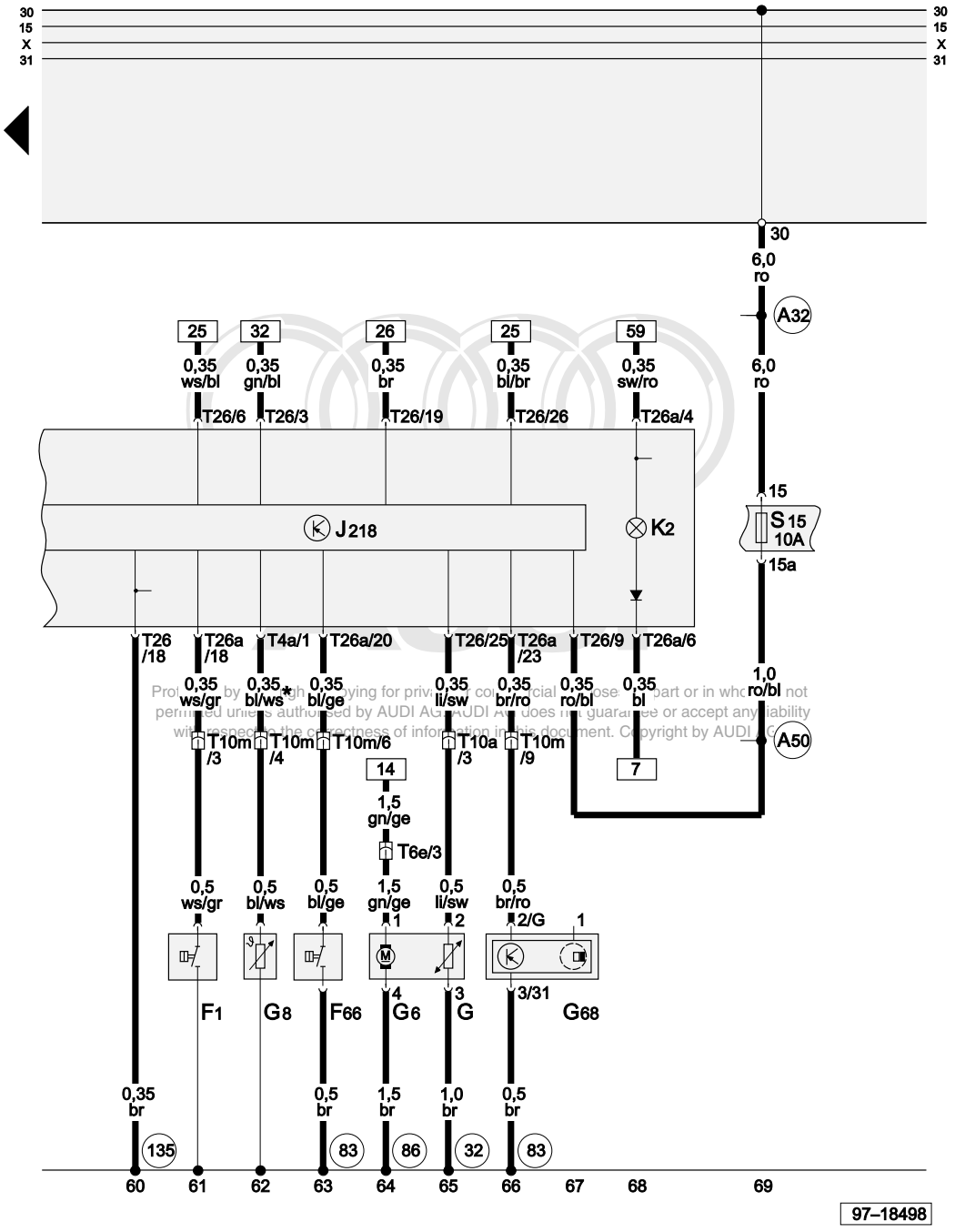


Simos control unit, ignition coil, engine speed sender

G28	Engine speed sender
J361	Simos control unit
N	Ignition coil
N122	Final output stage 1
N128	Ignition coil 2
P	Spark plug connector
Q	Spark plugs
T3m	3-pin connector, grey, in engine compartment, left
T4l	4-pin connector, black, on ignition coil
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
121	Earth connection -2-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

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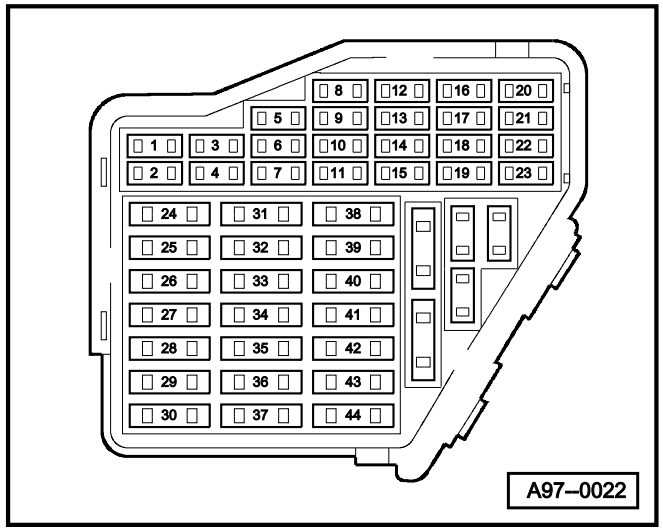
Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G8	Oil temperature sender
G68	Vehicle speed sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T4a	4-pin connector, black, on dash panel insert
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with additional instruments

Five-speed automatic gearbox with selector lever lock (01V)

From model year 1997

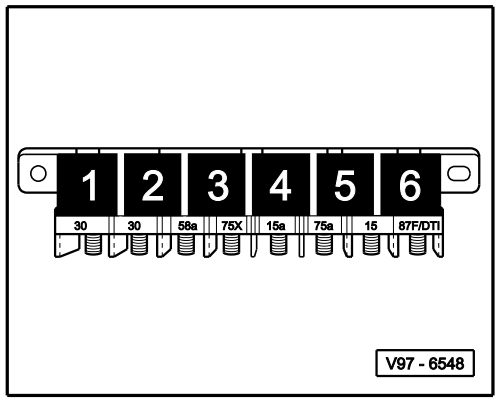
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Central electrics - front side:



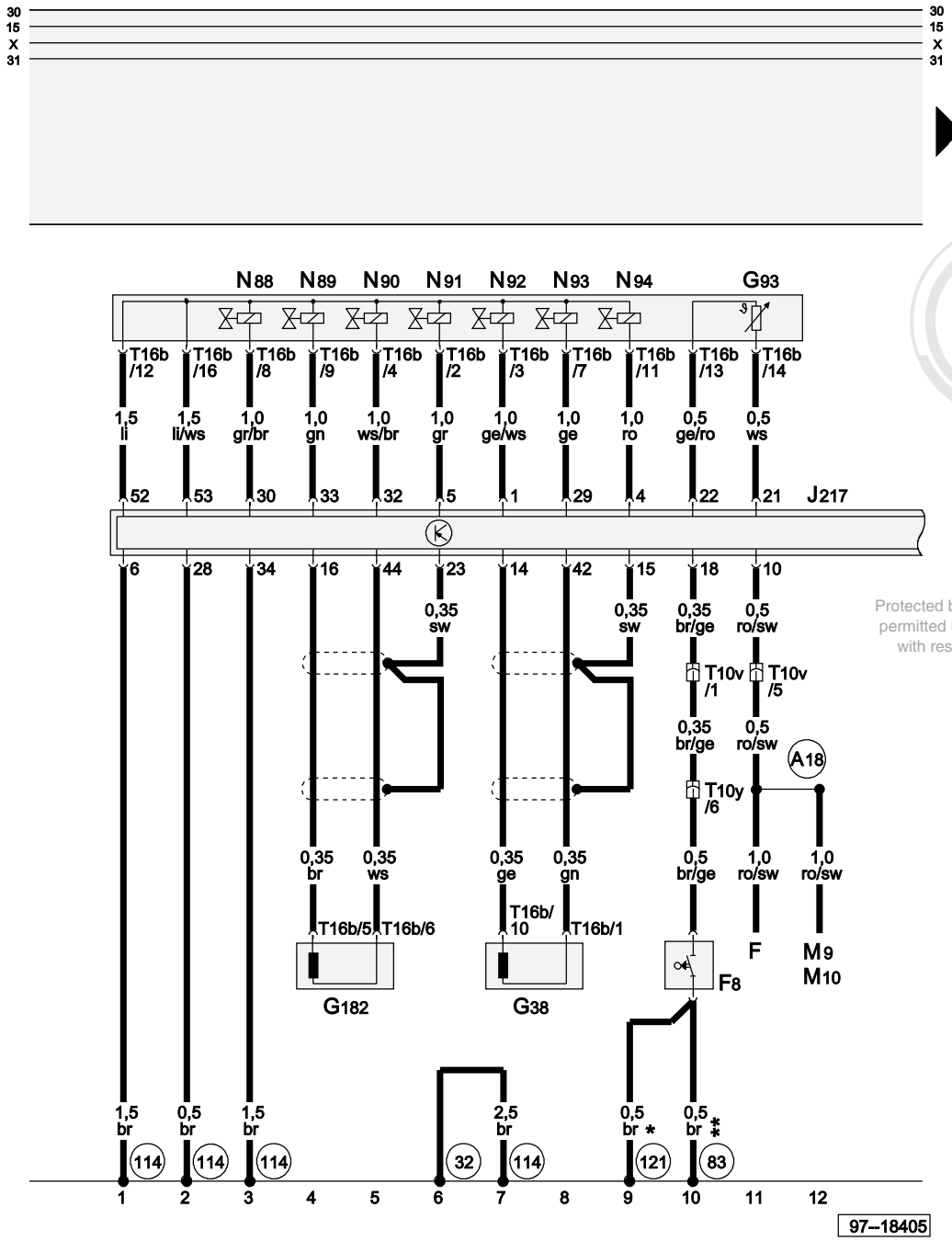
Position of relays:

4 - Automatic gearbox relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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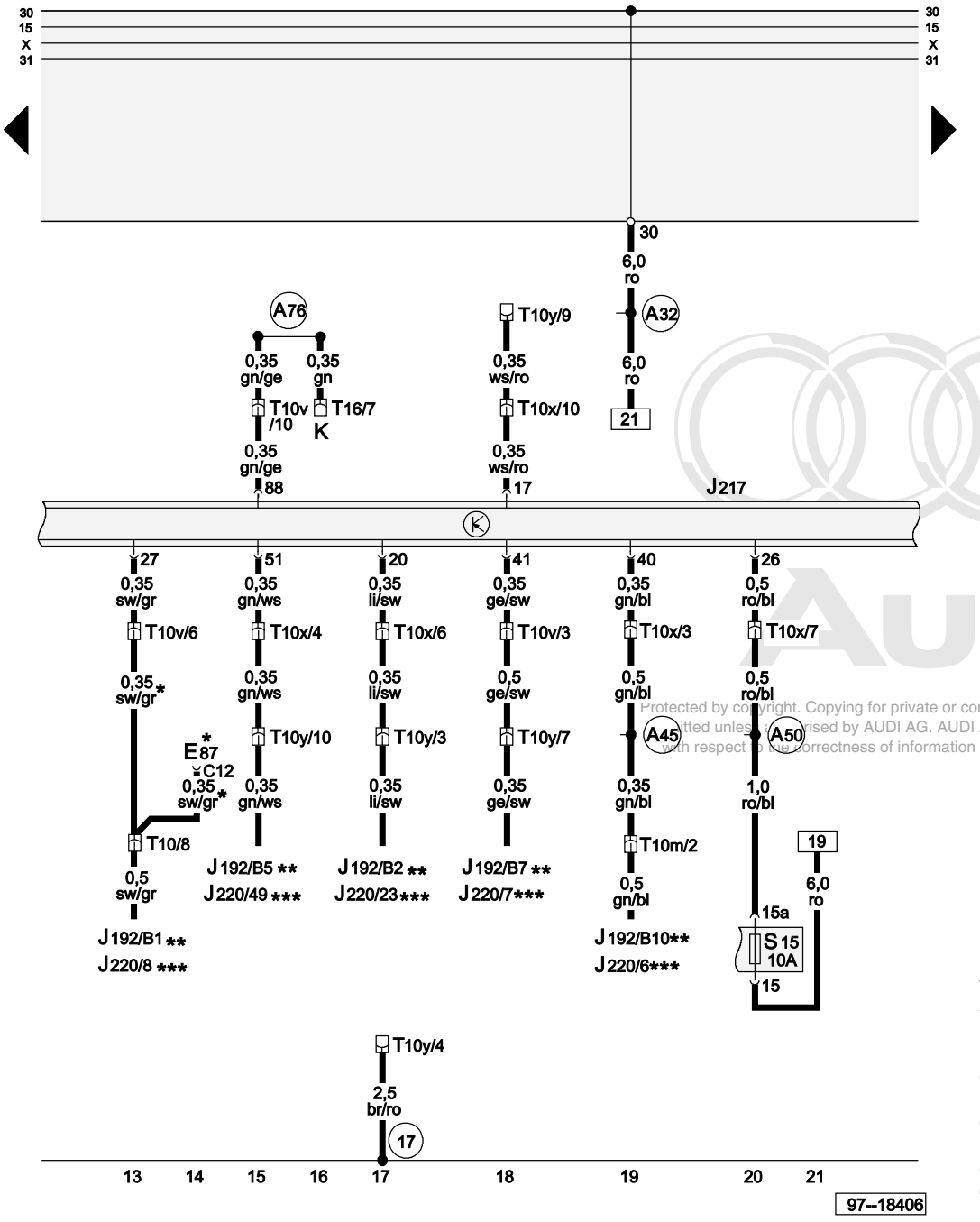


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sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Five-speed automatic gearbox with selector lever lock (01V)

F	Brake light switch
F8	Kick-down switch
G38	Gearbox speed sender
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
J217	Automatic gearbox control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T10v	10-pin connector, brown, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16b	16-pin connector, on gearbox
32	Earth point, behind dash panel, left
83	Earth connection -1-, in front right wiring harness
114	Earth connection, in automatic gearbox wiring harness
121	Earth connection -2-, in front right wiring harness
A18	Connection (54), in dash panel wiring harness
*	Only models with 1.8 l Motronic 110 kW, 4 cylinder
**	Only models with 6 cylinder fuel injection engines

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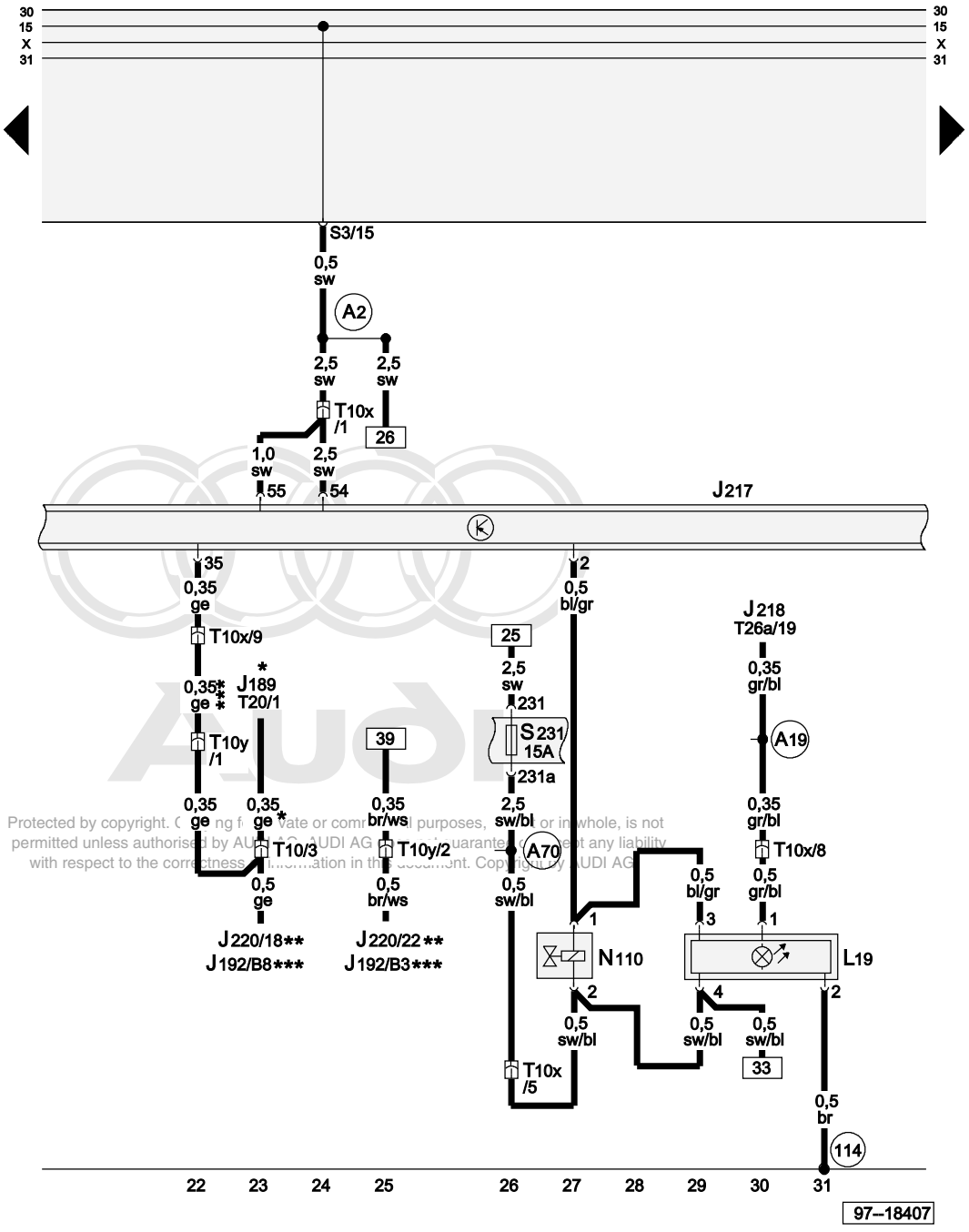


Five-speed automatic gearbox with selector lever lock (01V)

E87	Control and display unit for air conditioner
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
17	Earth point, on intake manifold
A32	Positive (+) connection (30), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	- Only models with automatic air conditioner
**	- Only models with 2.6 l MPI 110 kW, 6 cylinder
***	- Only with 2.8 l Motronic (5V) 142 kW 6 cylinder and 1.8 l Motronic 110 kW, 4 cylinder

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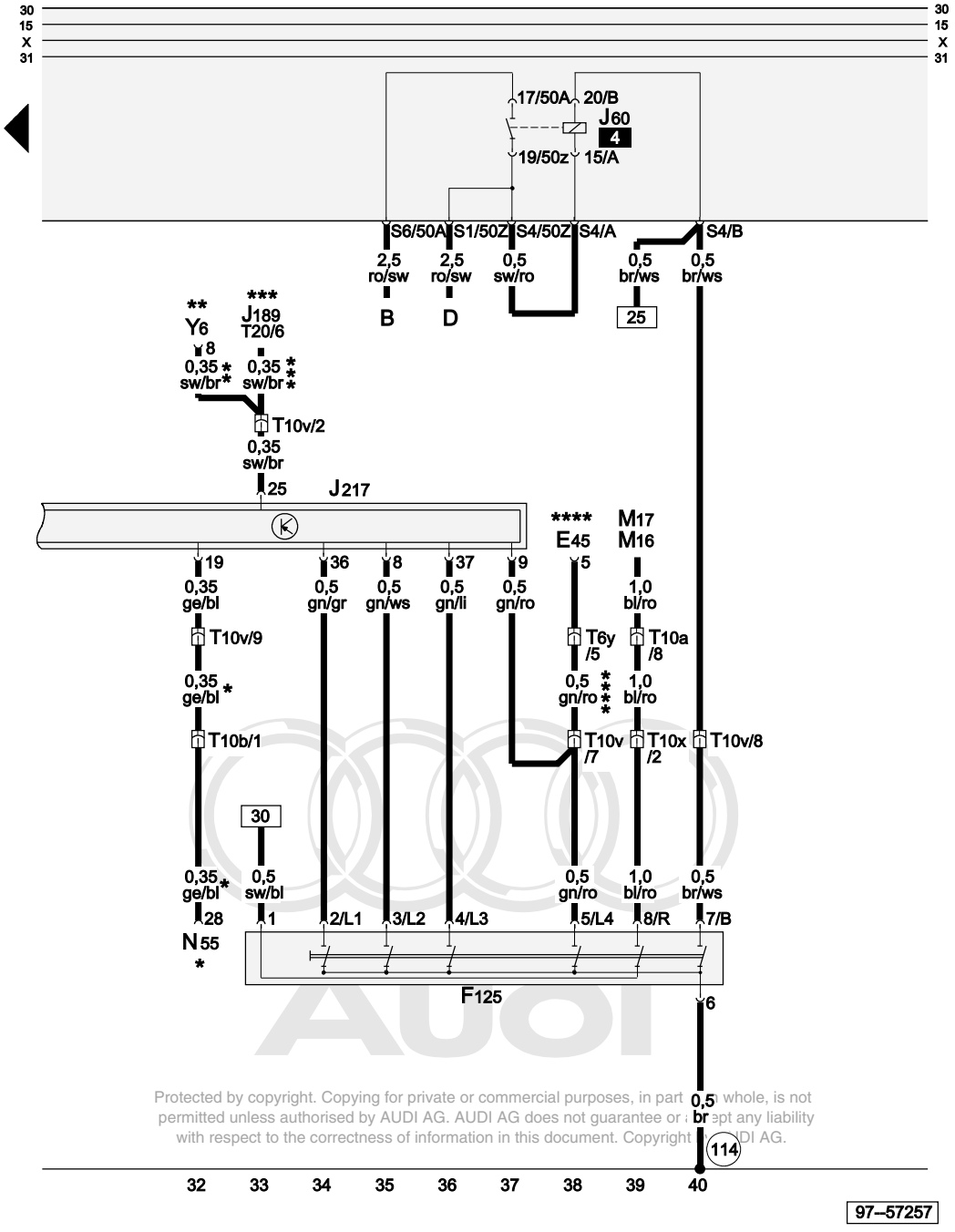


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Five-speed automatic gearbox with selector lever lock (01V)

J189	Auto-check system
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
J220	Motronic control unit
L19	Selector lever illumination light bulb
N110	Selector lever lock solenoid
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T20	20-pin connector, black, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
*	Only models with auto-check system
**	Only with 2.8 l Motronic (5V) 142 kW 6 cylinder and 1.8 l turbo engine with Motronic 110 kW, 4 cylinder
***	Only with 2.6 l MPI 110 kW, 6 cylinder



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5-speed automatic gearbox with selector lever lock (01V)

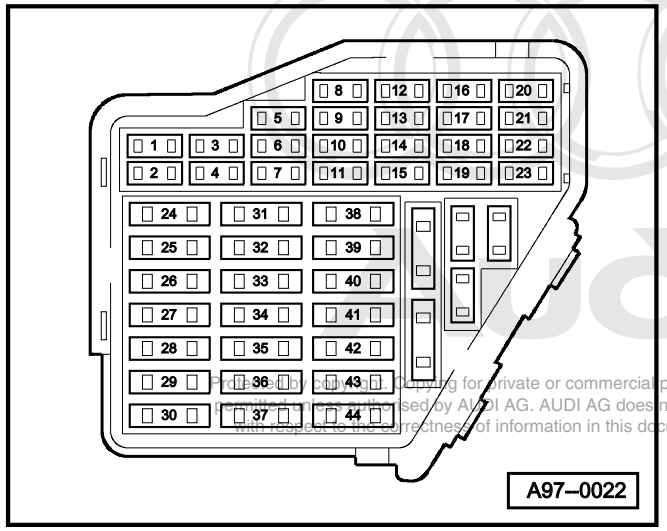
B	Starter
D	Ignition/starter switch
E45	Cruise control system switch
F125	Multi-function switch
J60	Automatic gearbox relay
J189	Auto-check system
J217	Automatic gearbox control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
N55	ABS hydraulic unit
T6y	6-pin connector, black, next to steering column
T10a	10-pin connector, brown, left connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T20	20-pin connector, black, on dash panel insert
Y6	Selector lever position indicator
114	Earth connection, in automatic gearbox wiring harness
*	Only applies to ABS with EDL and ASR/TCS
**	Only applies to models with selector lever position indicator
***	Only applies to models with auto-check system
****	Only applies to models with cruise control system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Trailer coupling

From model year 1997

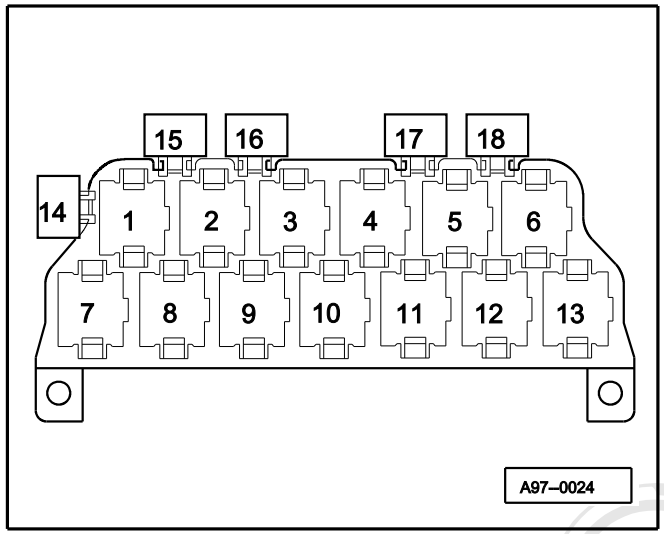
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:



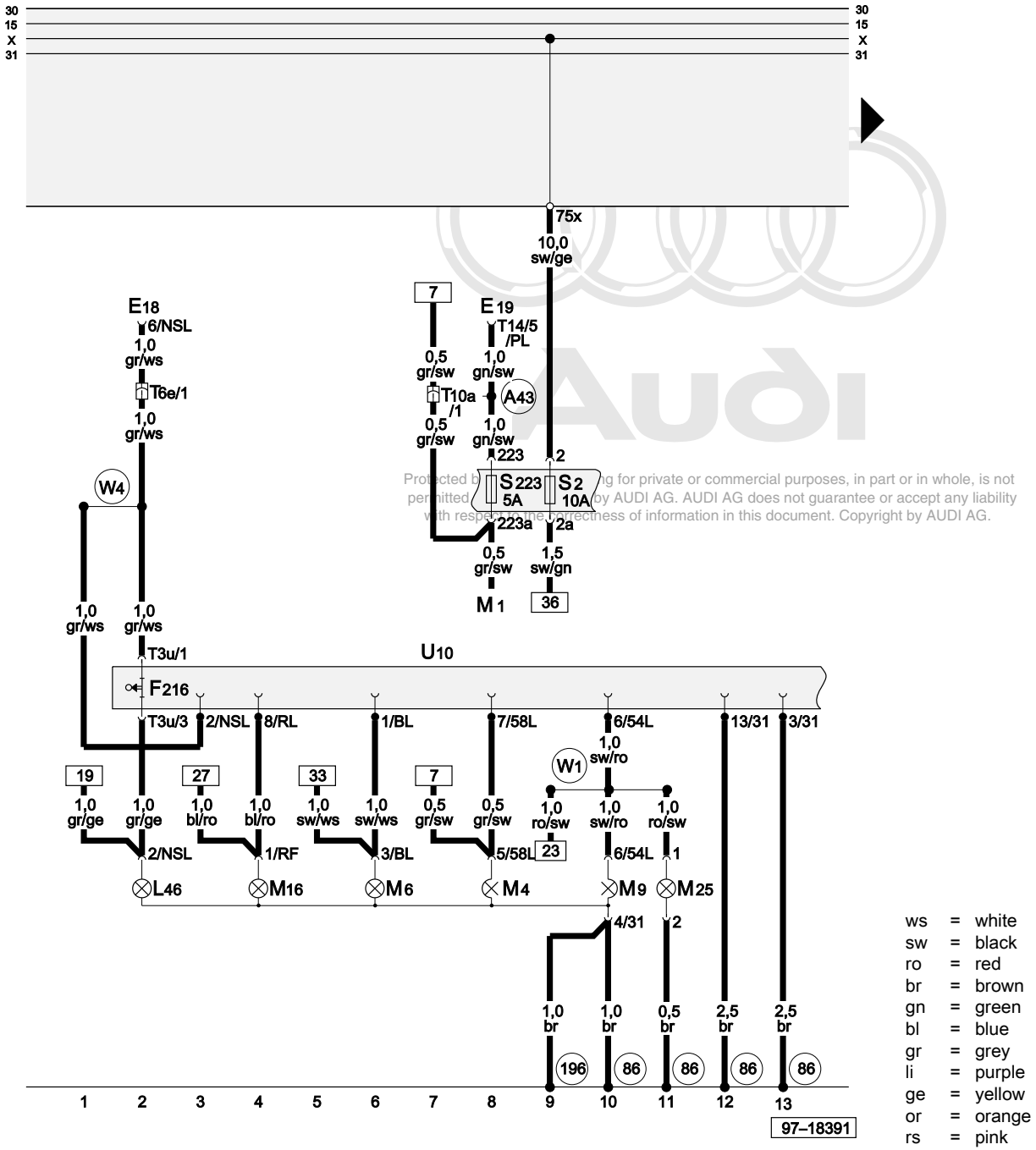
Position of relays:

13 - Starter inhibitor and reversing light relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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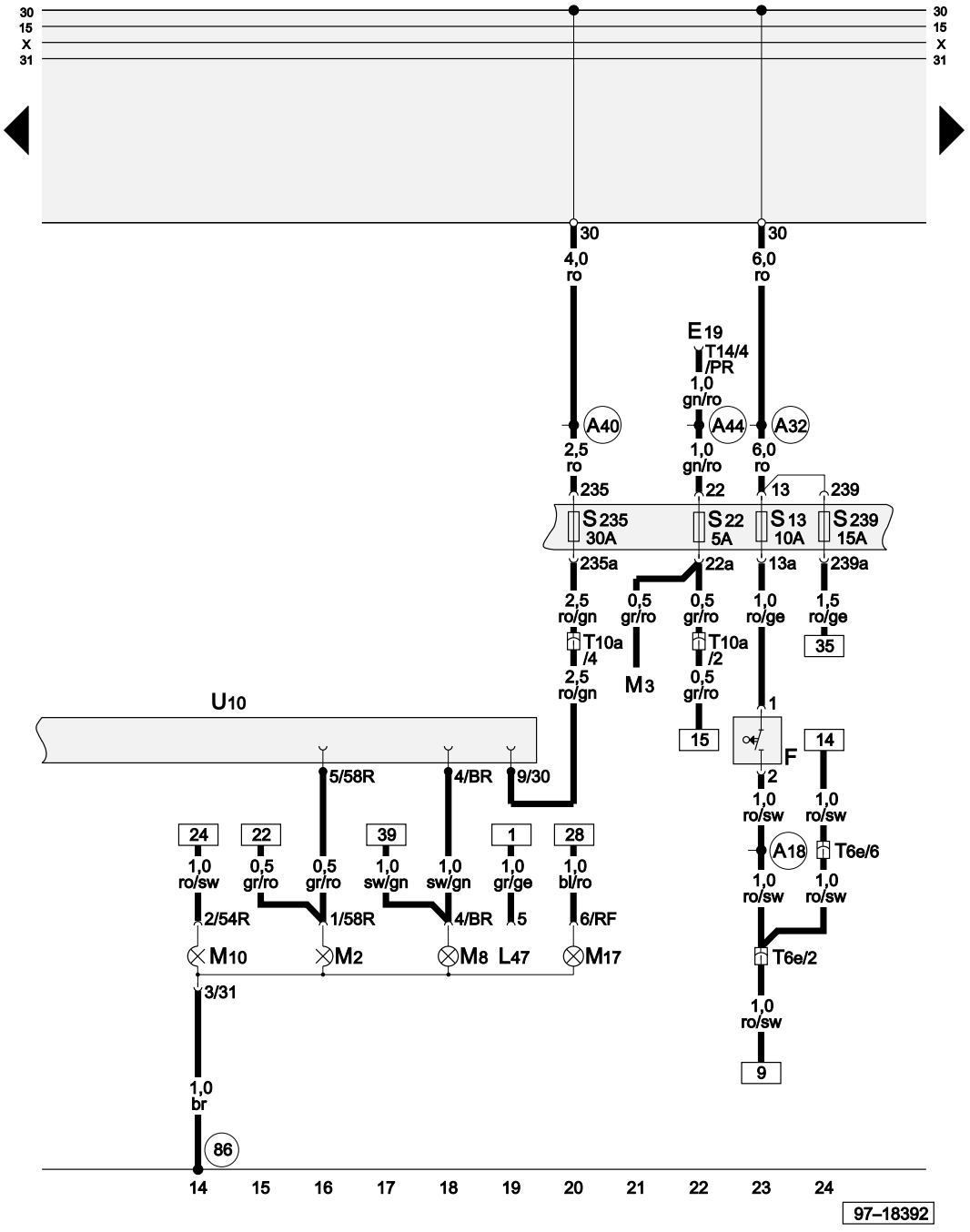


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling

E18	Rear fog light switch
E19	Parking light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M1	Side light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A43	Connection (57L), in dash panel wiring harness
W1	Positive (+) connection (54), in rear wiring harness
W4	Connection (rear fog lights), in rear wiring harness

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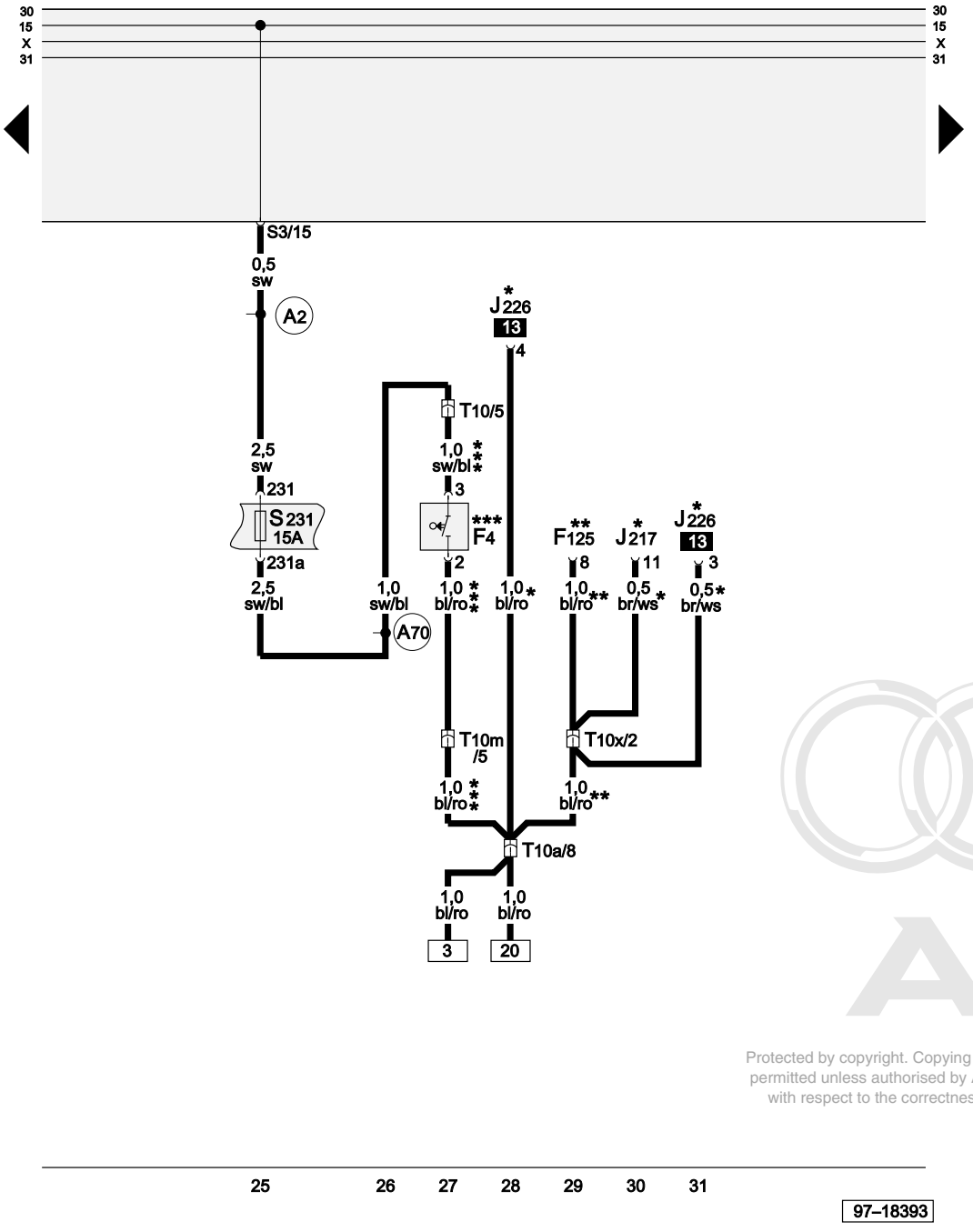


Trailer coupling

E19	Parking light switch
F	Brake light switch
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M3	Side light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T10a	6-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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ge	=	yellow
or	=	orange
rs	=	pink

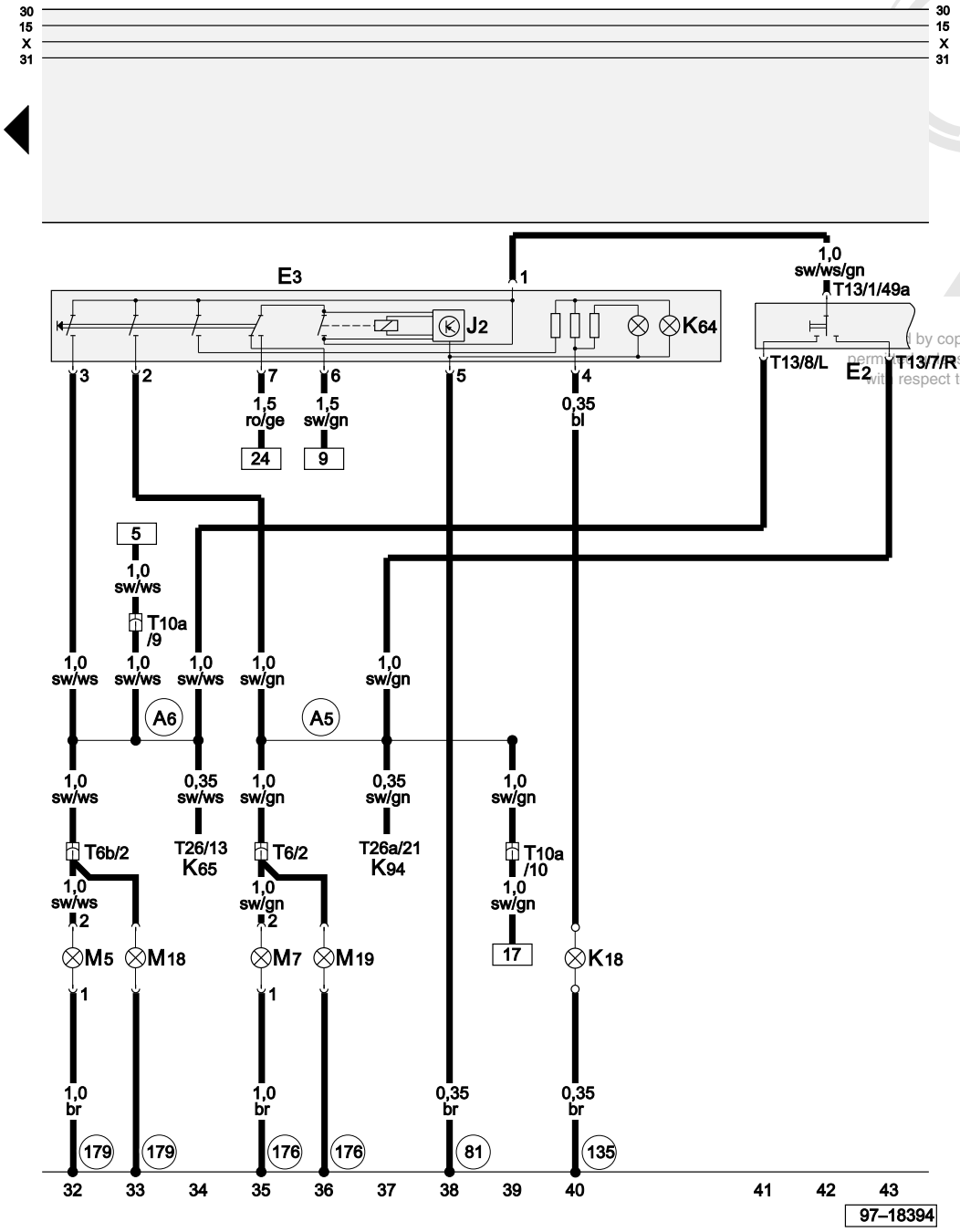


Trailer coupling

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling

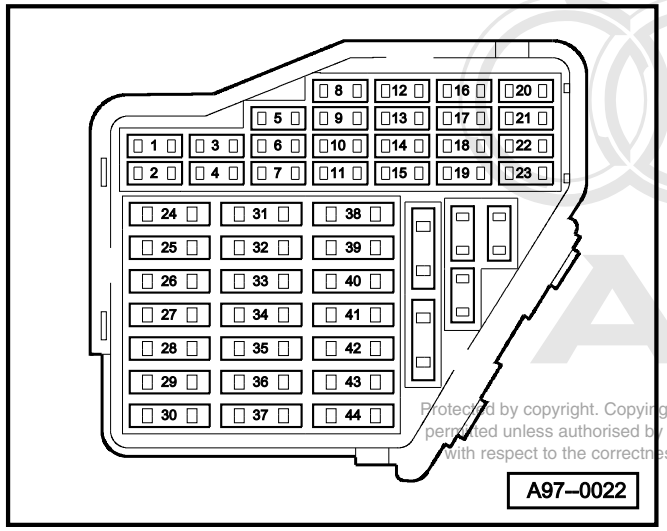
E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T13	13-pin connector, brown, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

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Trailer coupling with auto-check system

From model year 1997

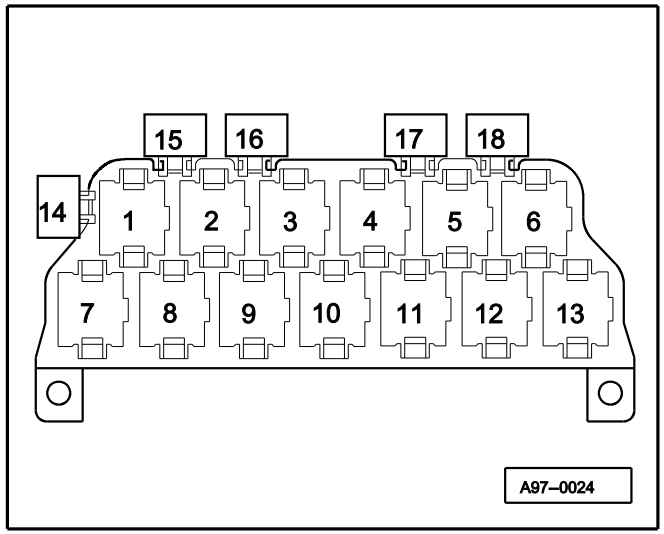
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:



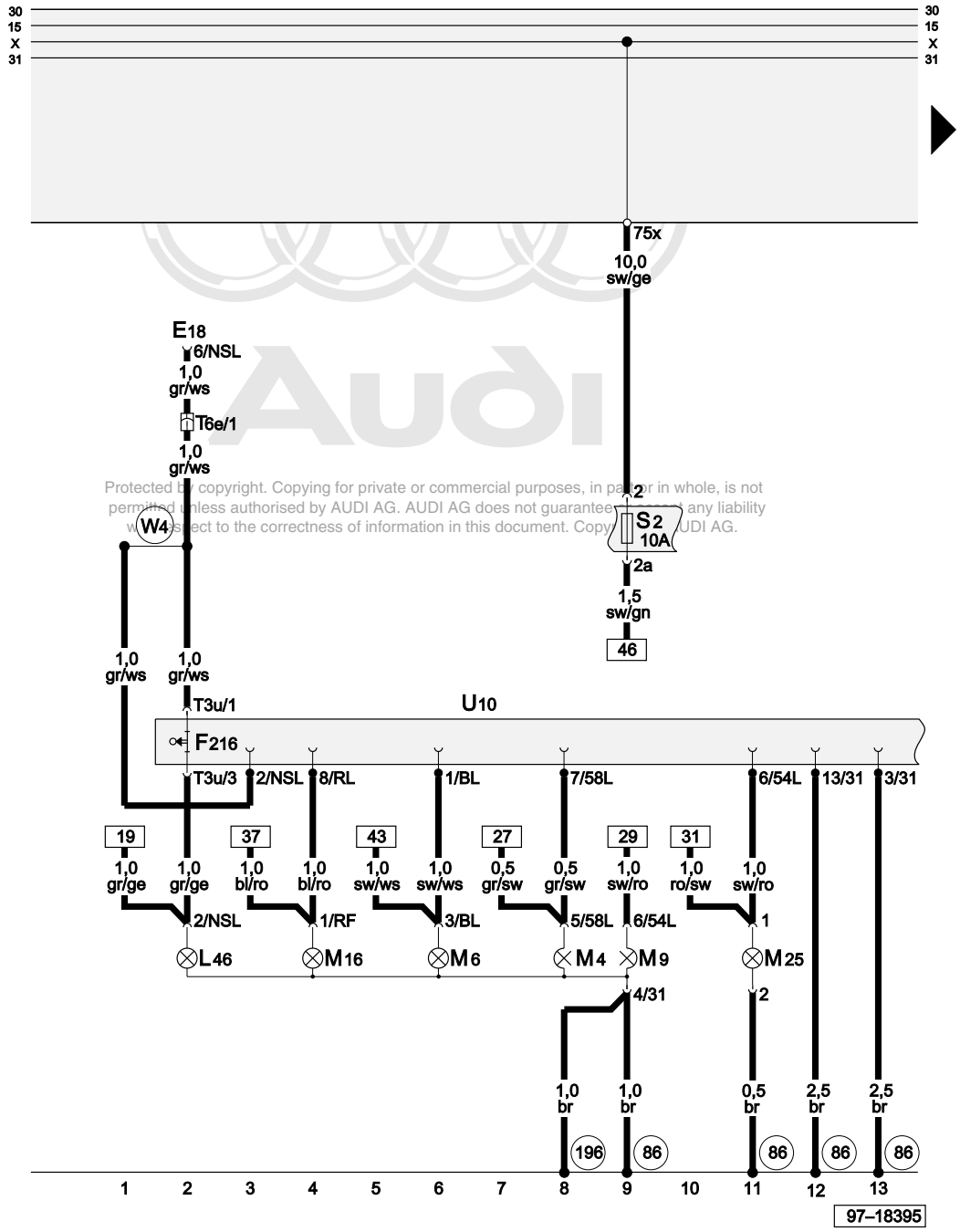
Position of relays:

4 - Bulb monitoring control unit
5 - Bulb monitoring control unit
13 - Starter inhibitor and reversing light relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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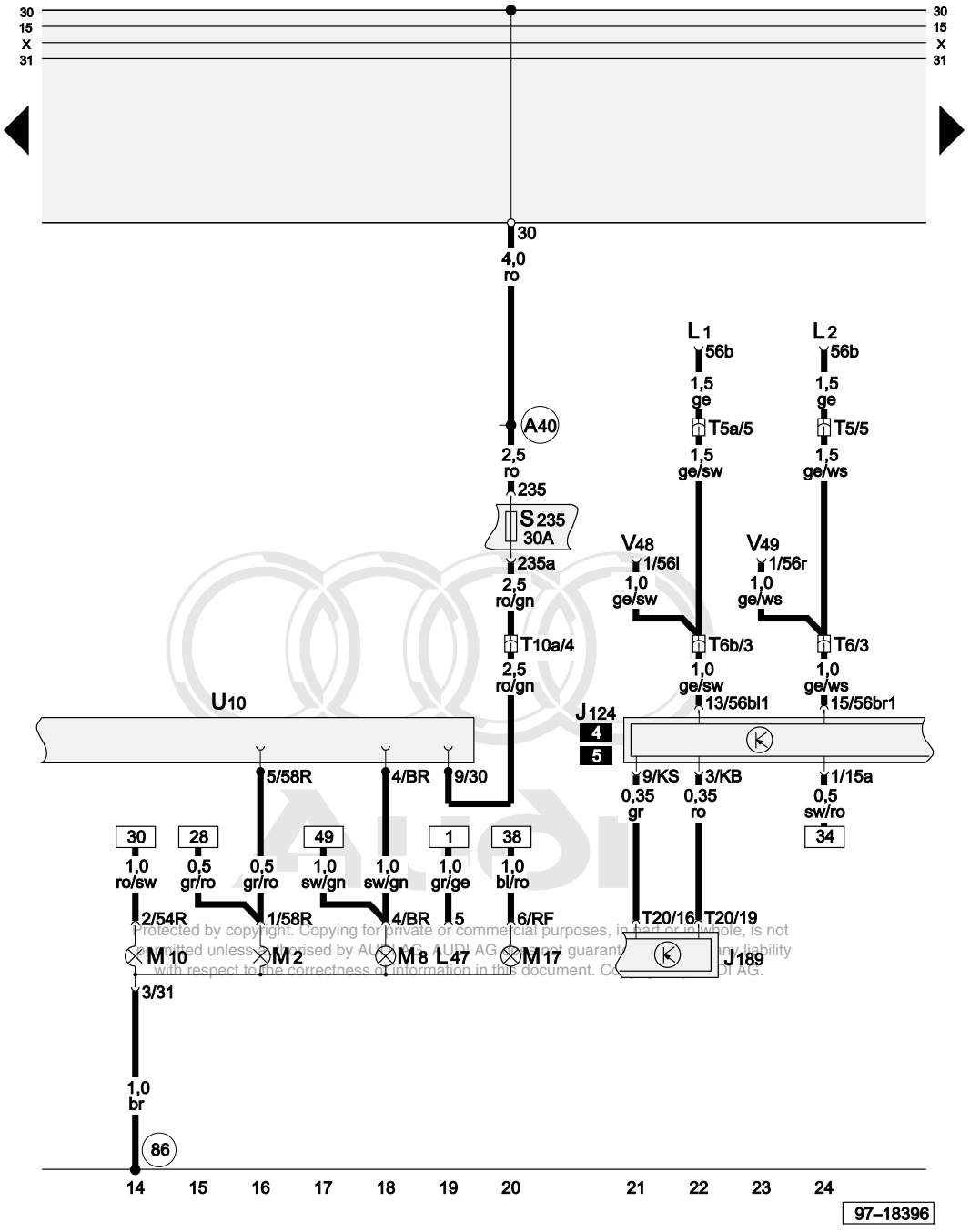


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling with auto-check system

E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A43	Connection (57L), in dash panel wiring harness
W4	Connection (rear fog lights), in rear wiring harness

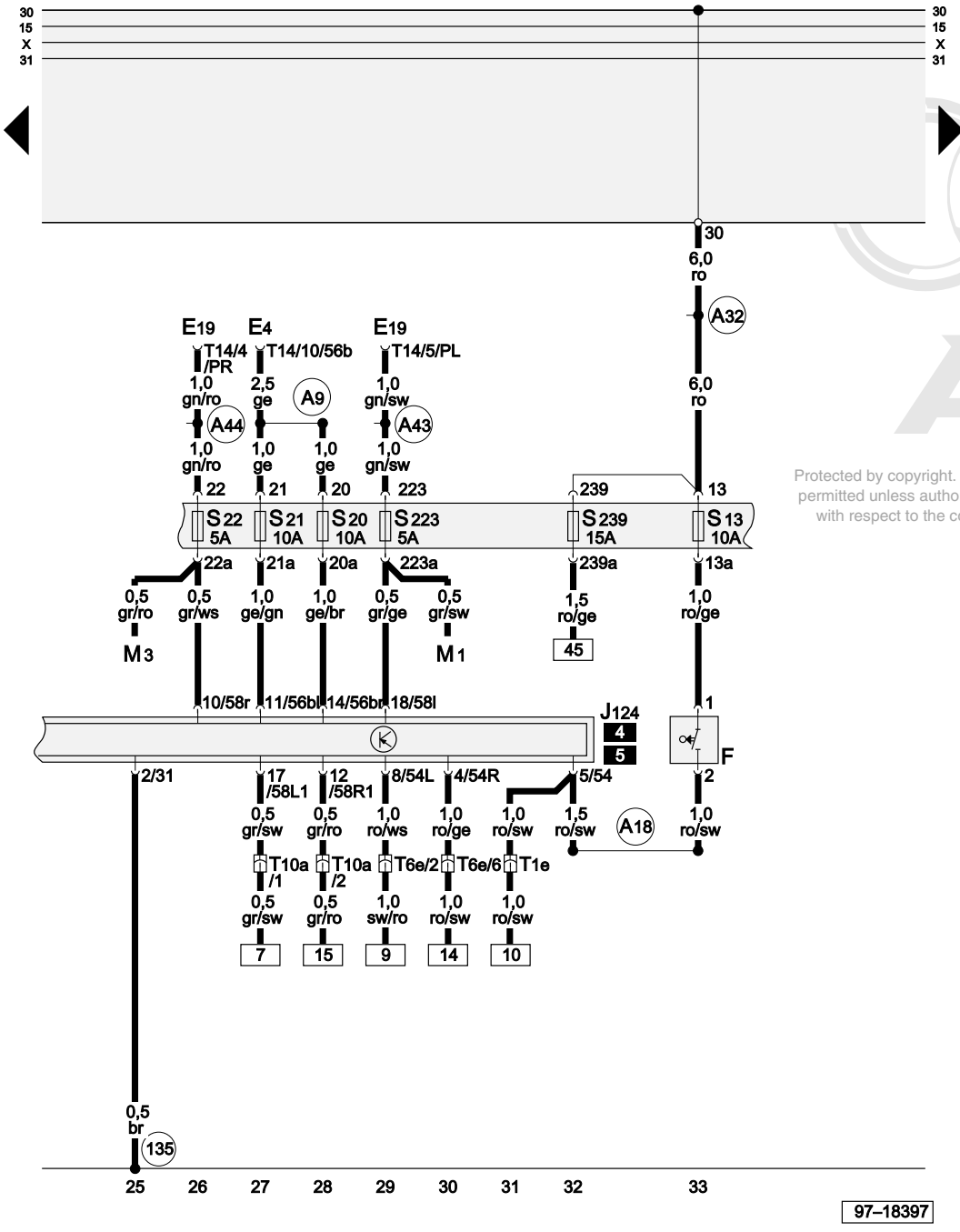


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Trailer coupling with auto-check system

J124	Bulb monitoring device
J189	Auto-check system
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, red, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
U10	Trailer socket
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

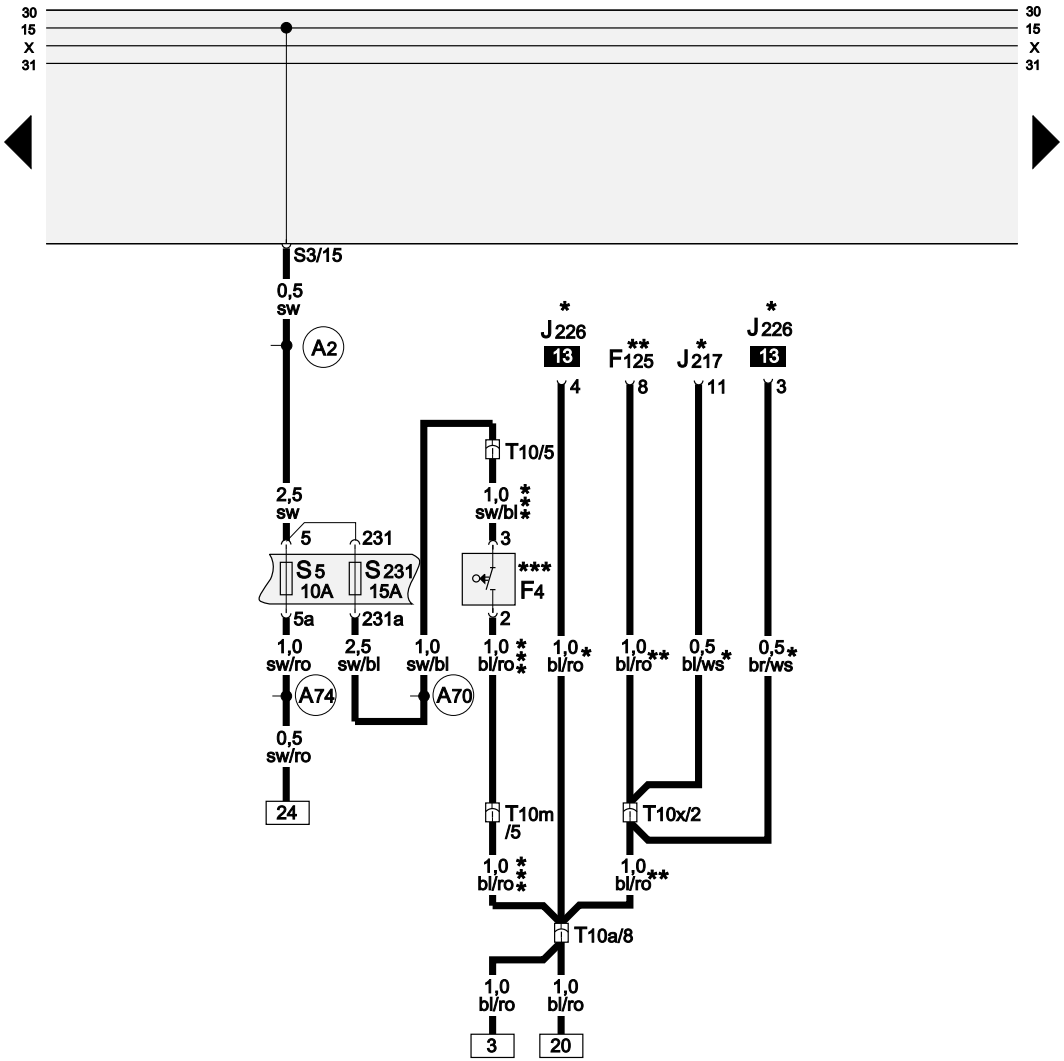


Trailer coupling with auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
T1e	1-pin connector, black, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
135	Earth connection -2-, in dash panel wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

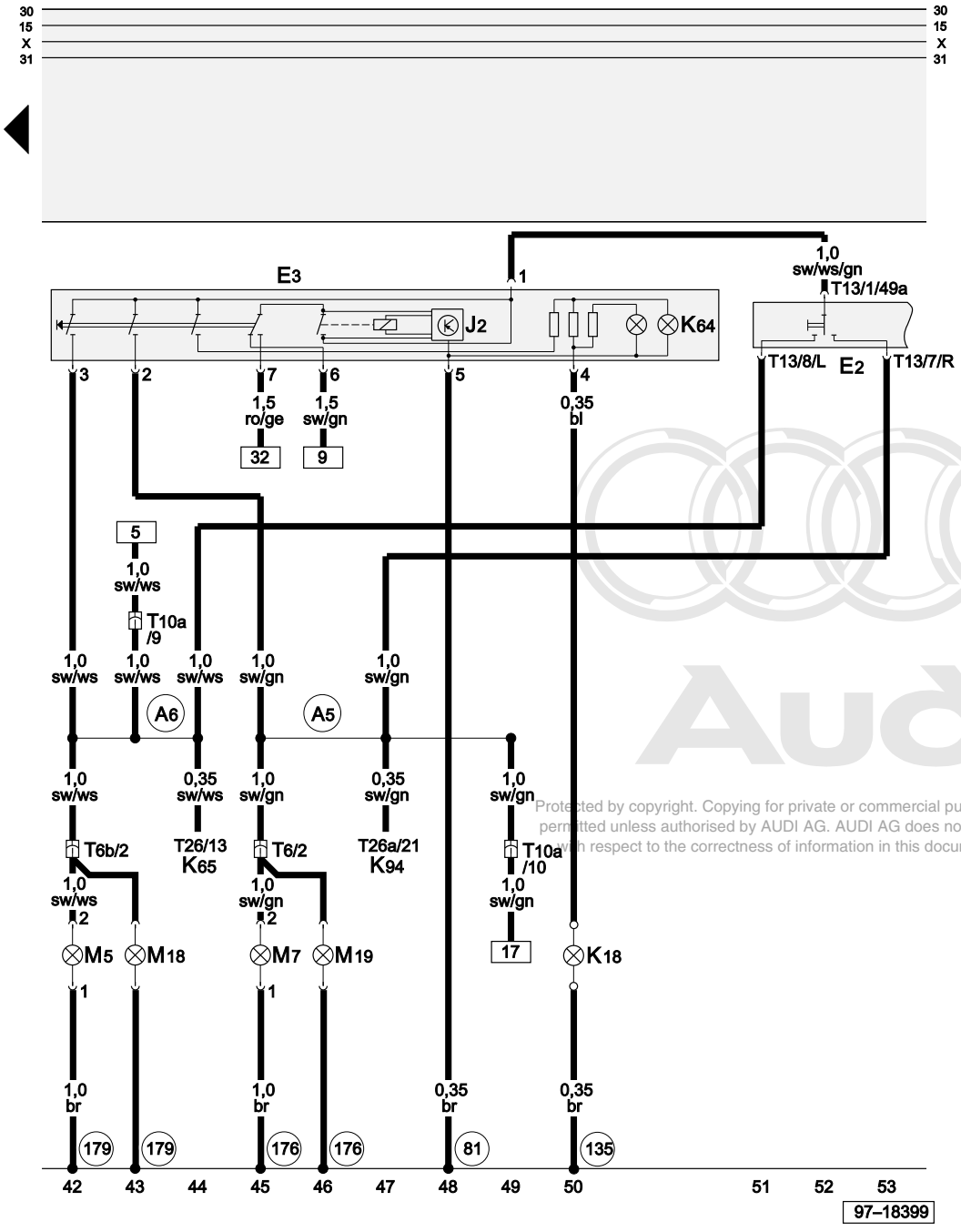


Trailer coupling with auto-check system

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, blue, right connector point, A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

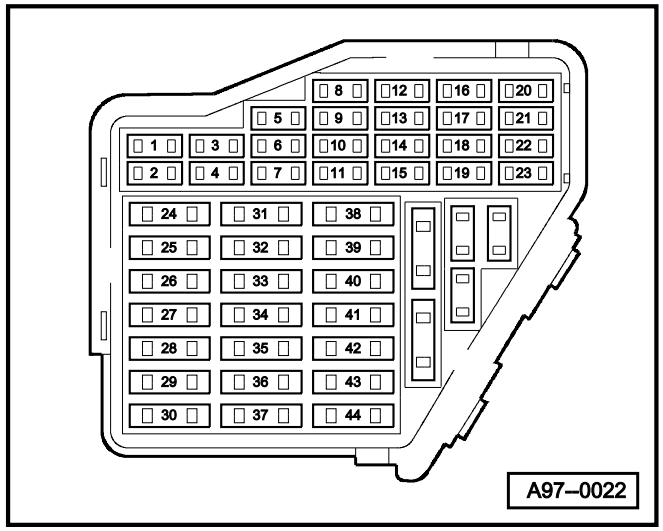
Trailer coupling with auto-check system

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T10a	10-pin connector, brown, left connector point, A pillar
T13	13-pin connector, brown, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness

Additional instruments

From model year 1997

Fuse box:

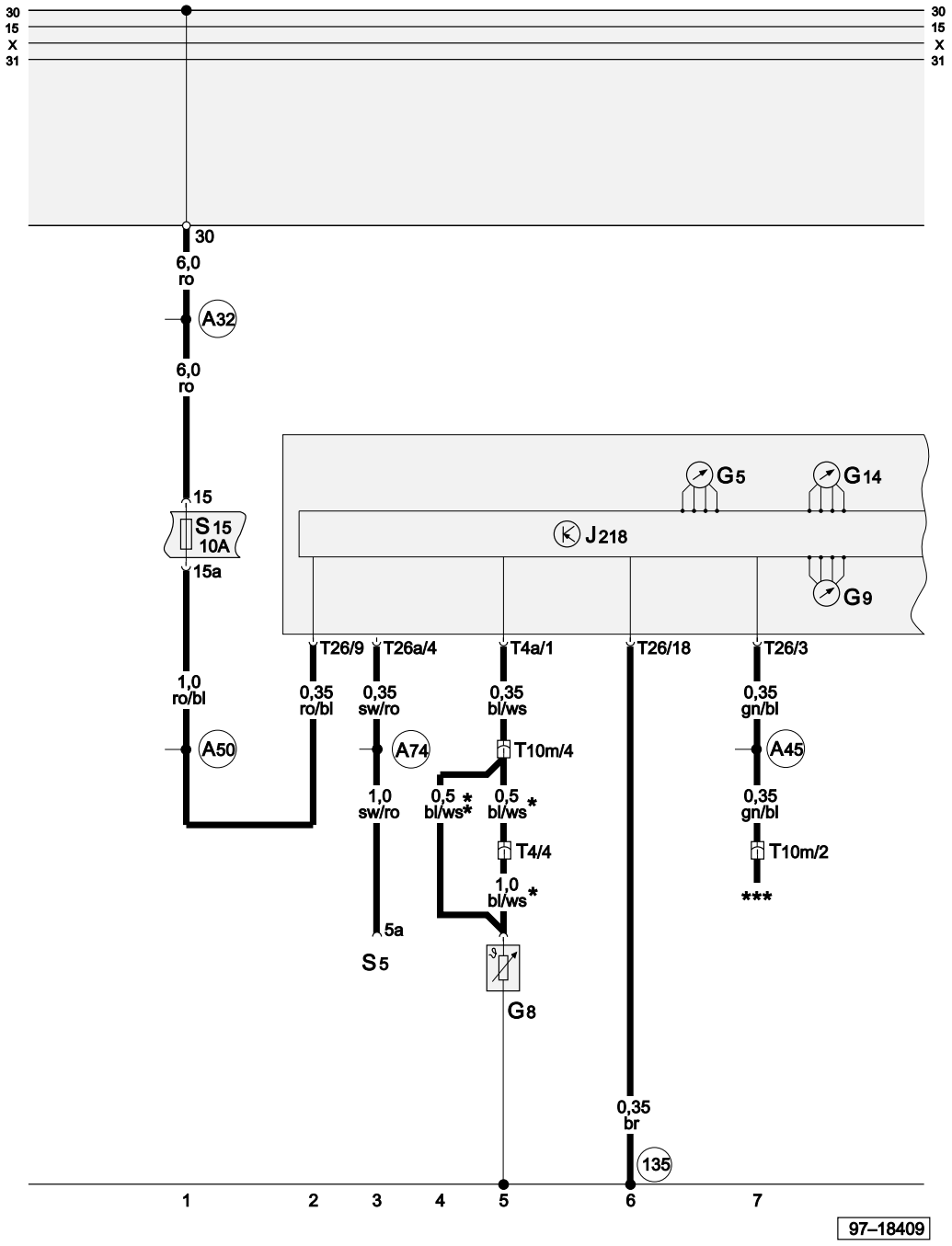


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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Additional instruments

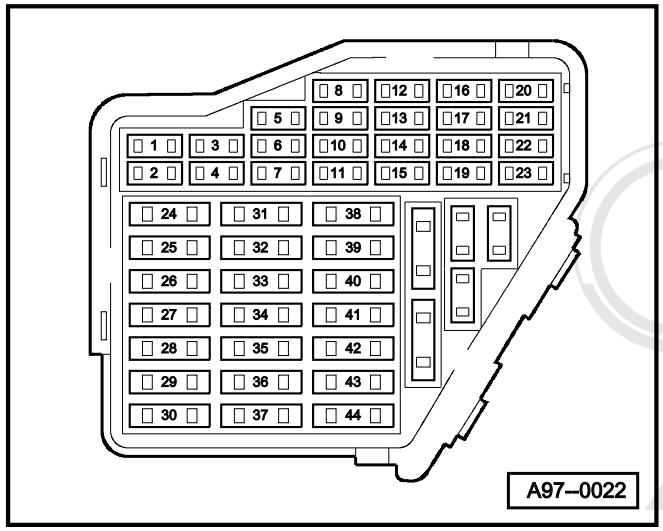
G5	Rev. counter
G8	Oil temperature sender
G9	Oil temperature gauge
G14	Voltmeter
J218	Combi-processor in dash panel insert
T4	4-pin connector, black, centre in engine compartment
T4a	4-pin connector, black, on dash panel insert
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only with 2.6 l MPI 110 kW, 6 cylinder
**	Does not apply to 2.6 l MPI 110 kW, 6 cylinder
***	Engine speed signal (depending on engine version)

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Immobilizer

From model year 1997

Fuse box:

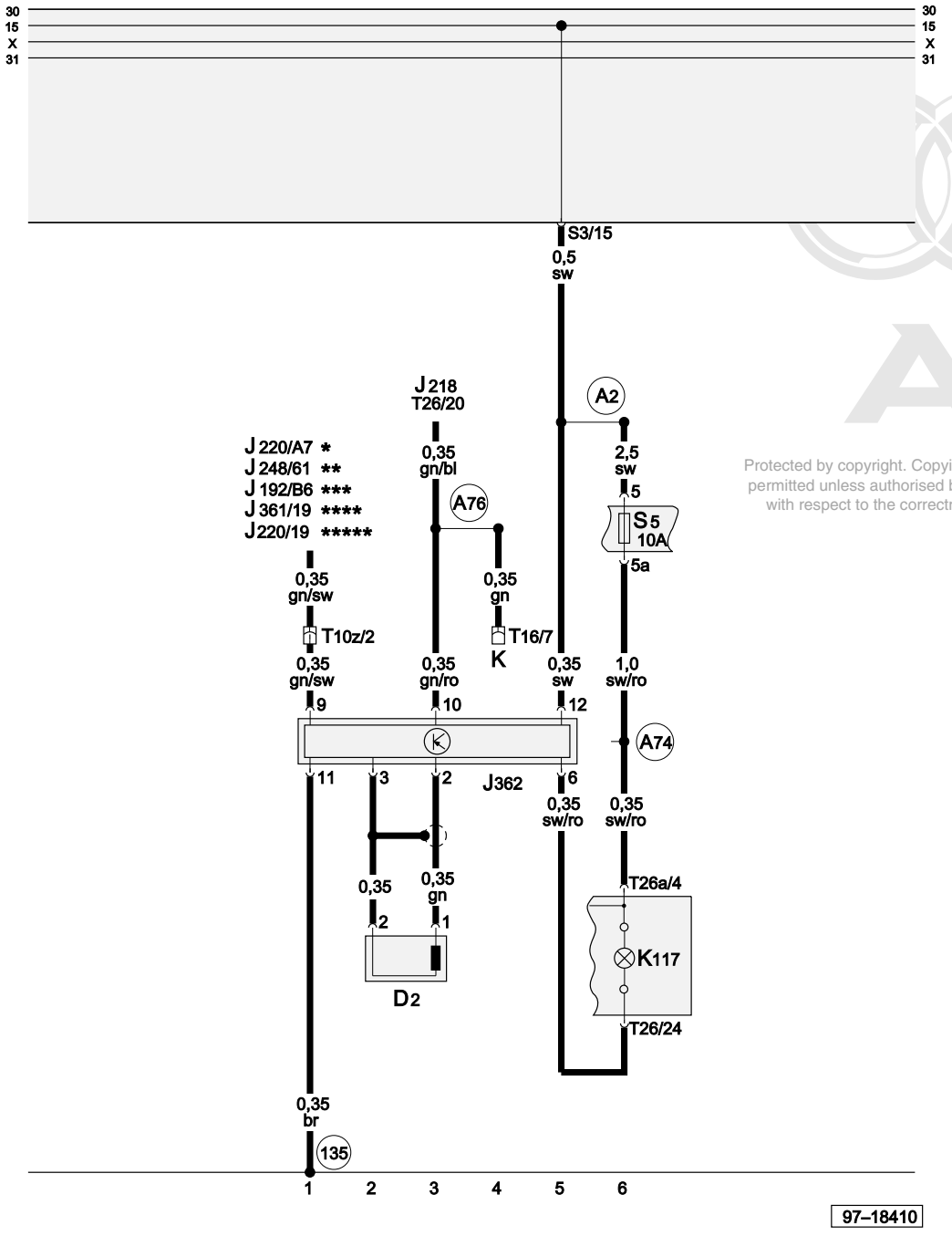


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red



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Immobilizer

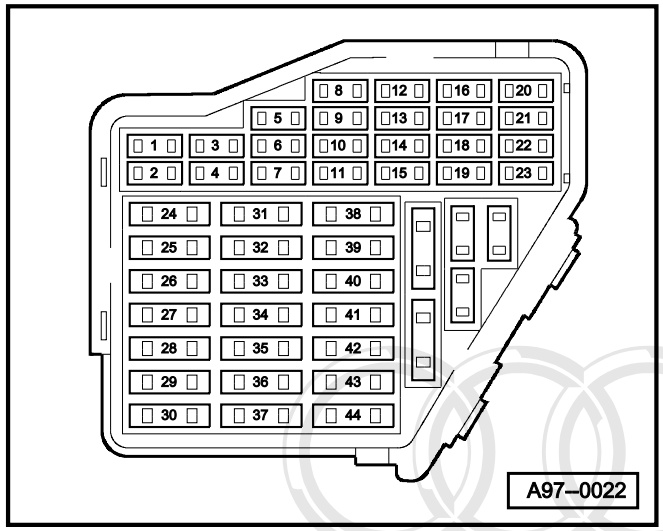
D2	Immobilizer reading coil
J192	Multi-point injection control unit
J218	Combi-processor in dash panel insert
J220	Motronic control unit
J248	Diesel direct injection system control unit
J361	Simos control unit
J362	Immobilizer control unit
K117	Immobilizer warning lamp
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console rear
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with 1.6l Motronic 74 kW, 4 cylinder
**	Only models with 1.9 l TDI
***	Only models with 2.6 l MPI 110 kW, 6 cylinder
****	Only models with 1.6l Simos 74 kW, 4 cylinder
*****	Only models with 2.8l Motronic (5V) 142 kW 6 cylinder and 1.8l Motronic 110 kW, 4 cylinder and 1.8 l Motronic 92 kW, 4 cylinder

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Telephone AEG (D-network)

From model year 1997

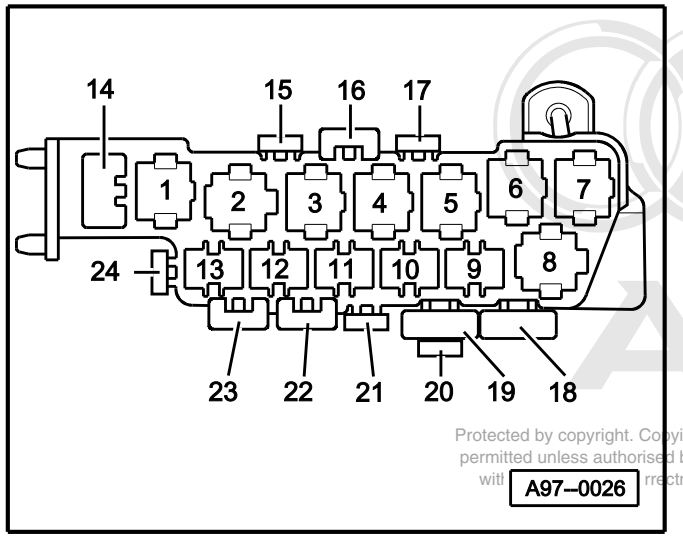
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



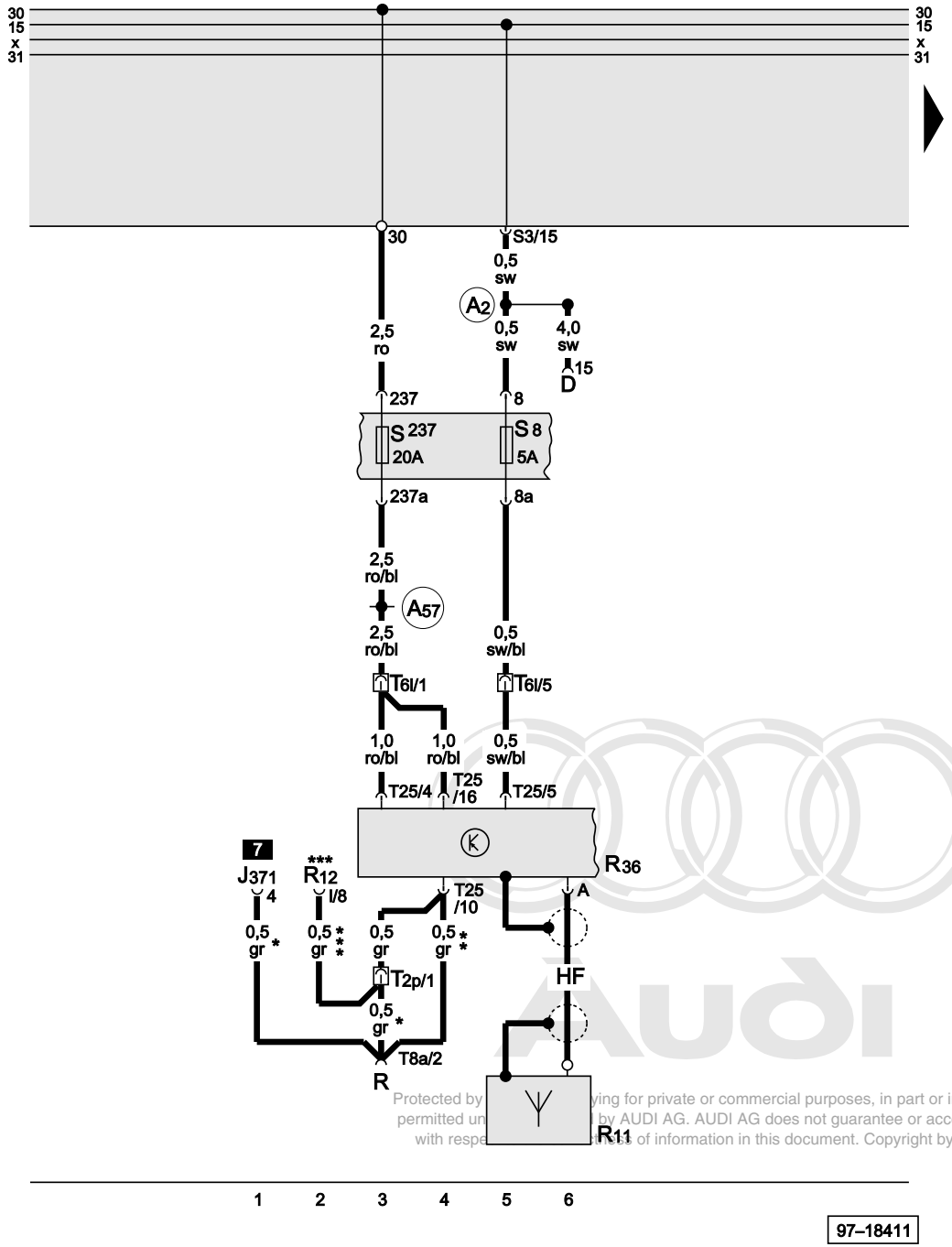
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Position of relays:

7 - Telephone isolation relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

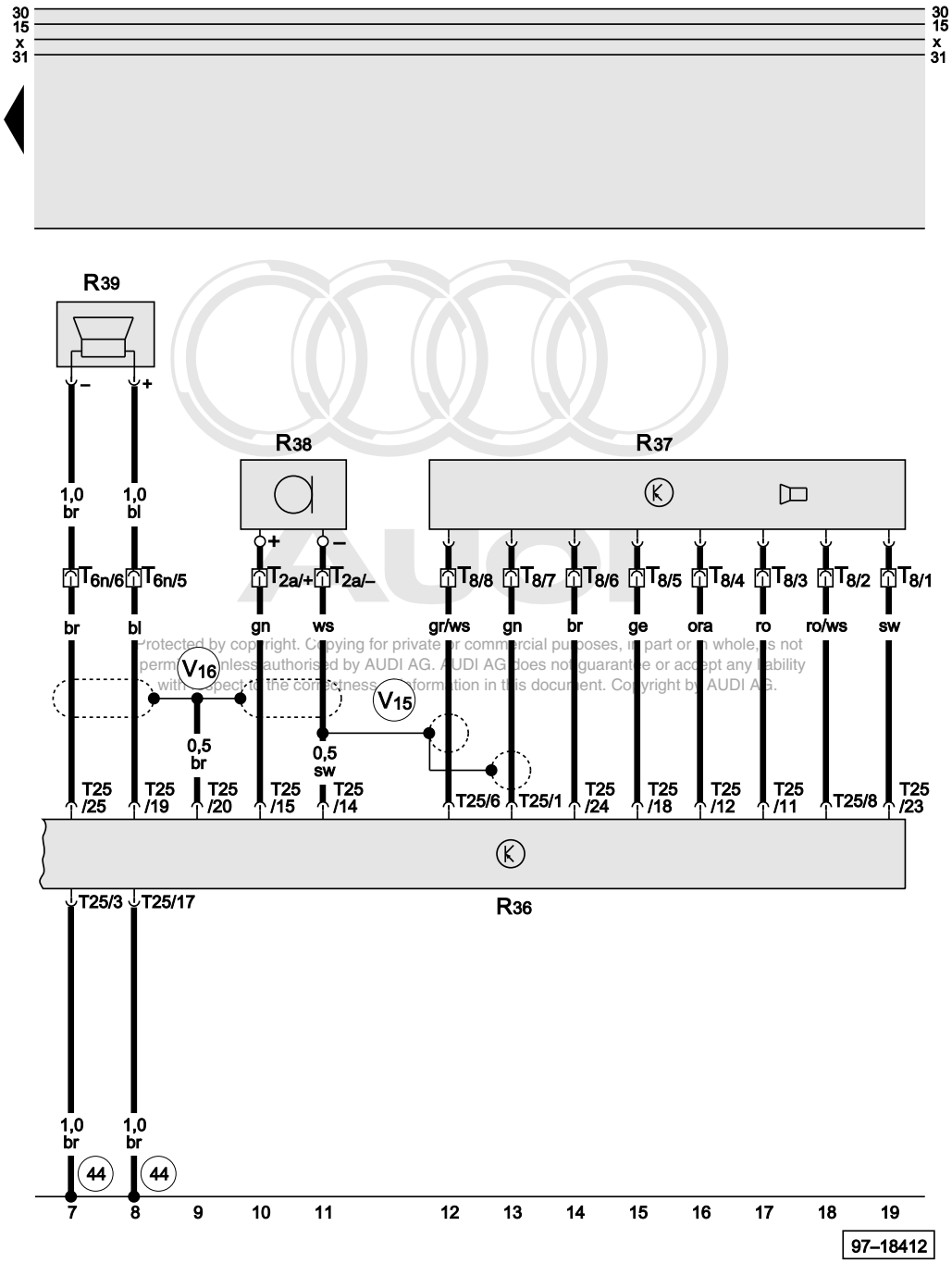


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Telephone AEG (D-network)

D	Ignition/starter switch
J371	Telephone isolation relay
R	Radio
R11	Aerial
R12	Amplifier
R36	Telephone transmitter and receiver unit
T2p	2-pin connector, on radio
T6l	6-pin connector, brown, in centre console
T8a	8-pin connector, black, on radio
T25	32-pin connector, on telephone transmitter and receiver unit
A2	Positive (+) connection (15), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Does not apply to radio Beta, Audi Avant
**	Applies to all radio versions, saloon models and to radio Beta, Audi Avant
***	Only models with radio Bose sound system, Audi Avant

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Telephone AEG (D-network)

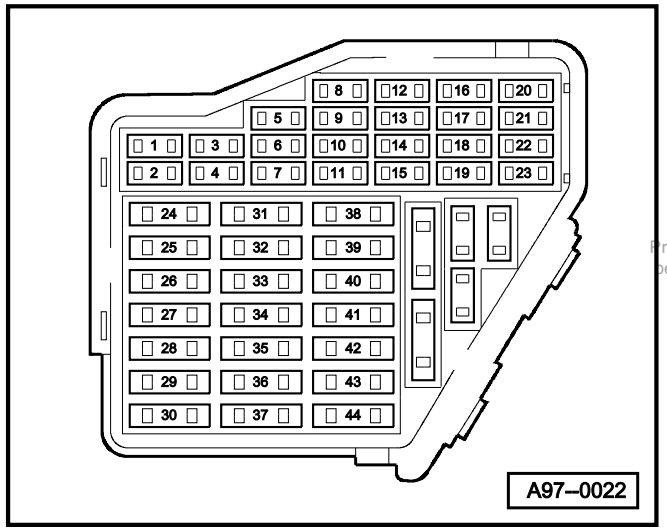
R36	Telephone transmitter and receiver unit
R37	Telephone handset
R38	Telephone microphone
R39	Loudspeaker for telephone
T2a	2-pin connector, at A pillar, left
T6n	6-pin connector, yellow, at A pillar, left
T8	8-pin connector, in centre console
T25	32-pin connector, on telephone transmitter and receiver unit
44	Earth point, lower part of left A-pillar
V15	Connection, in telephone wiring harness
V16	Connection (screening), in telephone wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electric windows, 2-door (with roll-back function)

From model year 1997

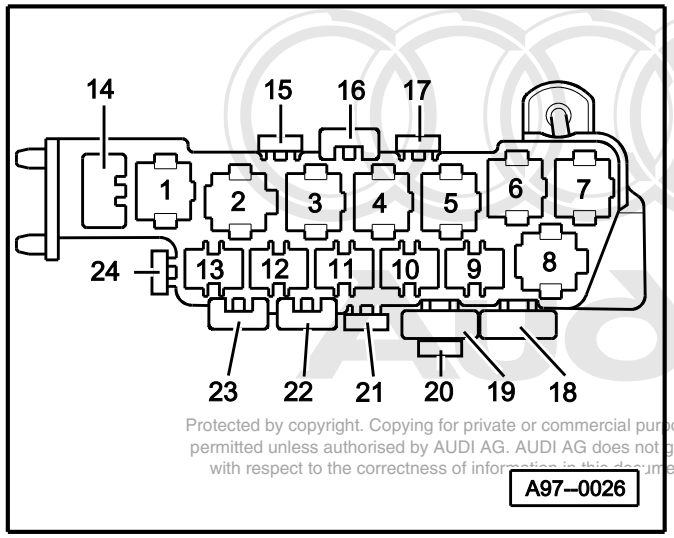
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier



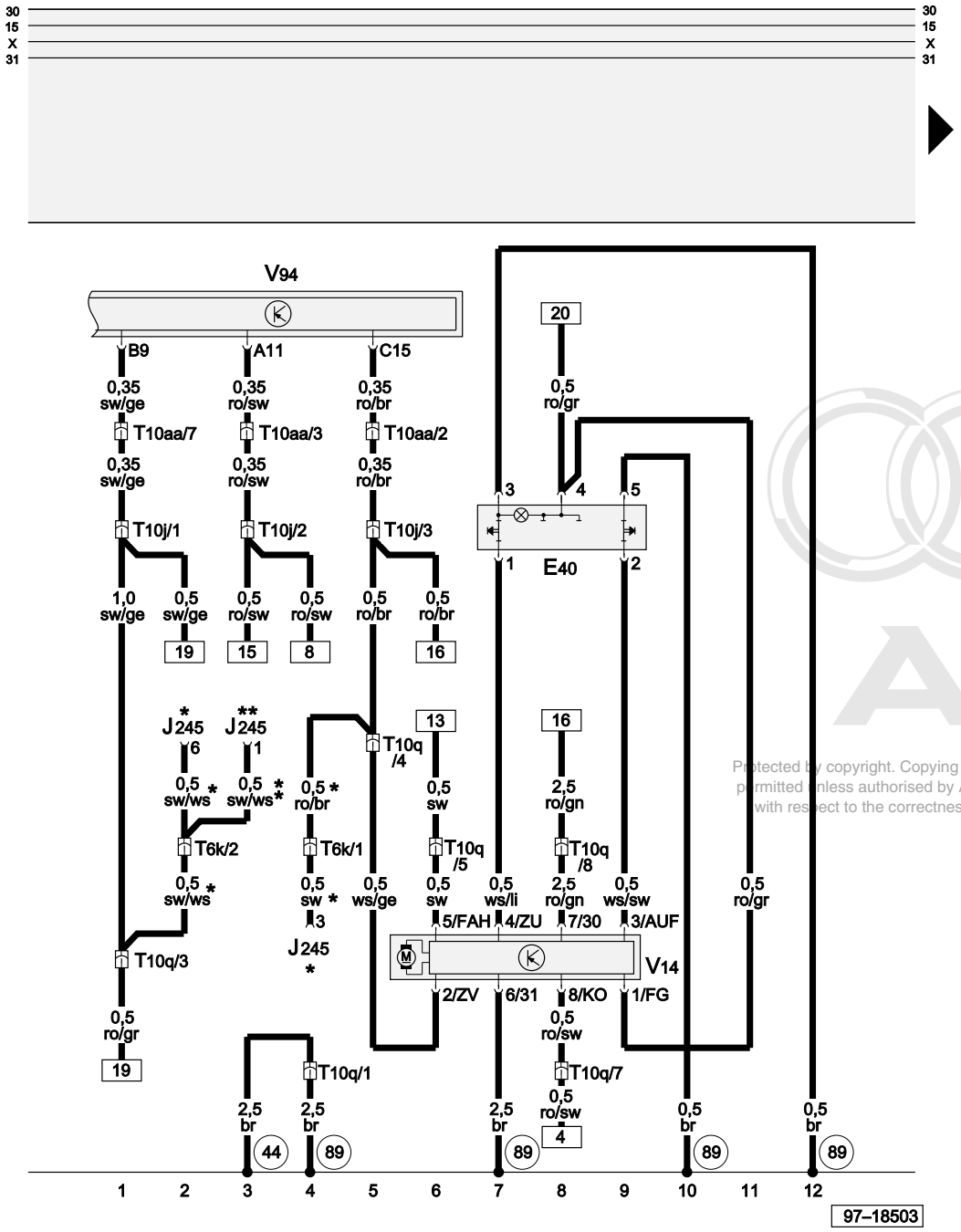
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Position of relays:

23 - Fuse for front electric windows

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

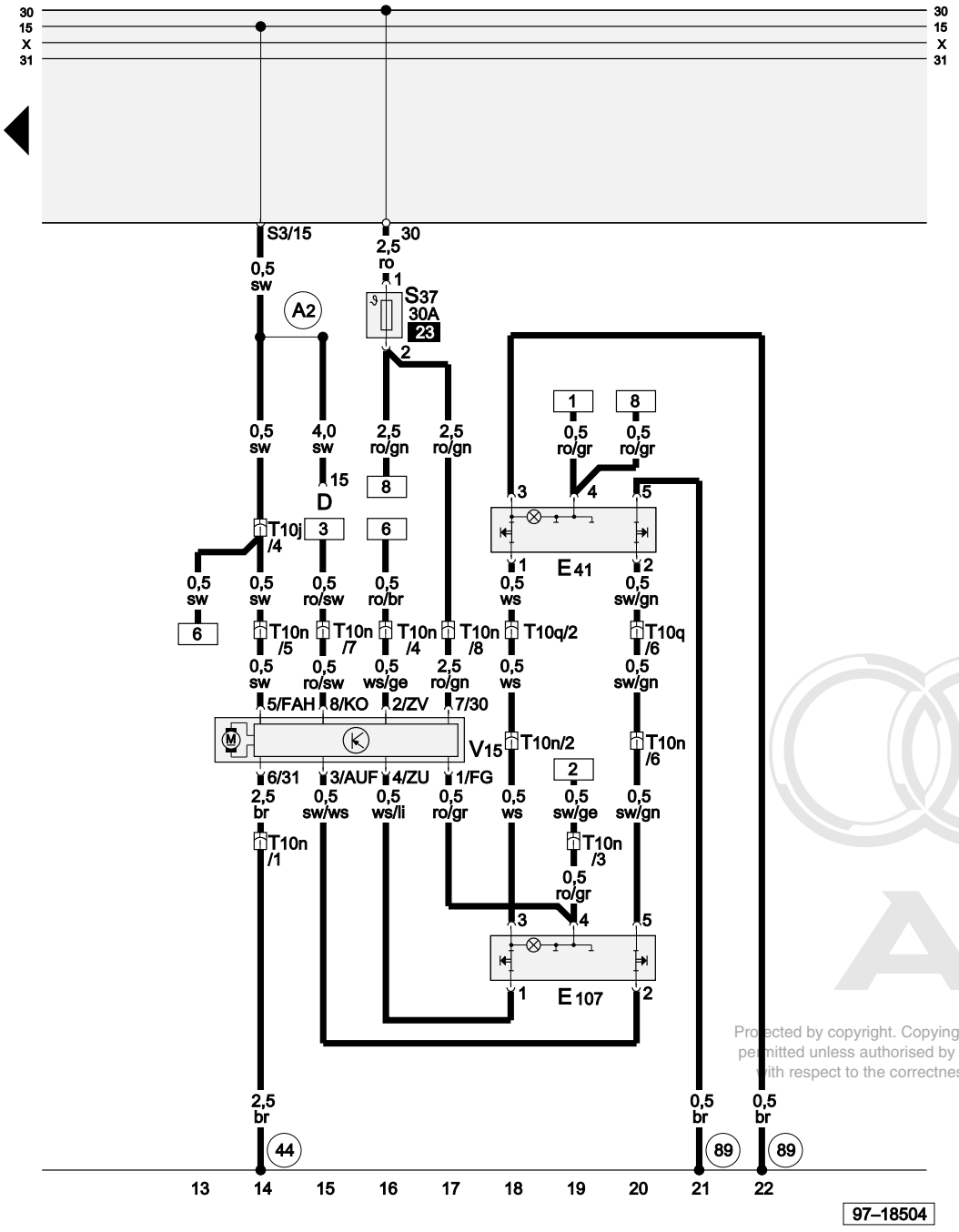


Electric windows, 2-door (with roll-back function)

E40	Electric window switch, front left (in driver's door)
J245	Sliding sunroof adjustment control unit
T6k	6-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
V14	Electric window motor, left
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness
*	Only with electric sliding sunroof, Audi saloon
**	Only with electric sliding sunroof, Audi Avant

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric windows, 2-door (with roll-back function)

D	Ignition/starter switch
E41	Electric window switch, front right (in driver's door)
E107	Electric window switch, front right (in front passenger's door)
S37	Electric window fuse (front)
T10j	10-pin connector, green, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
V15	Electric window motor, right
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness

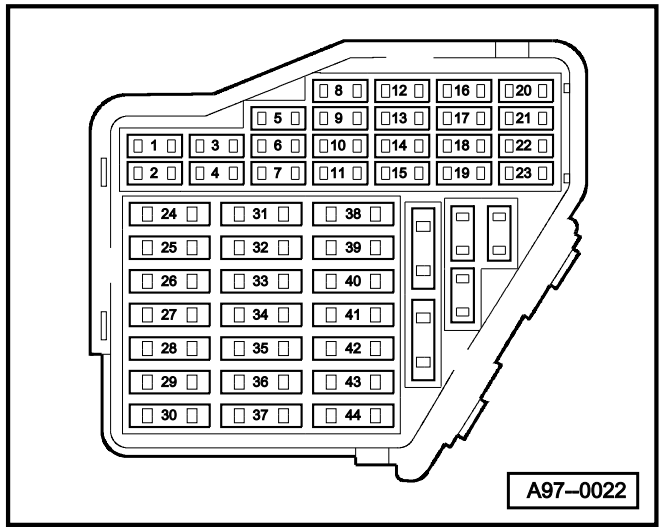
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric windows, 4-door (with roll-back function)

From model year 1997

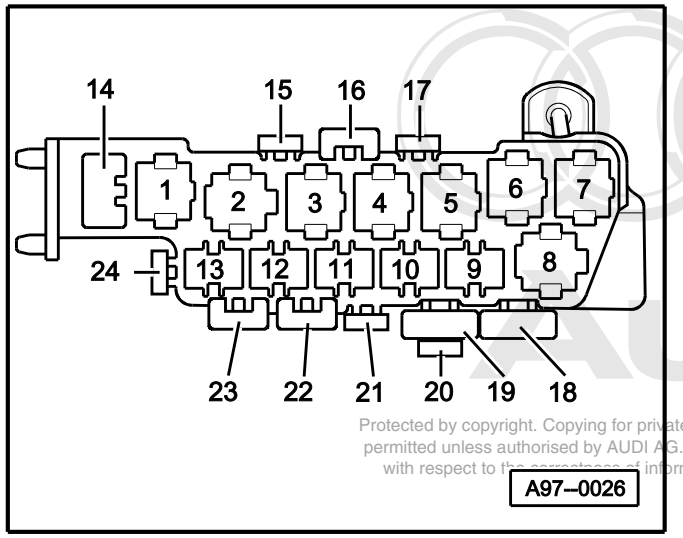
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Cur rent Flow Diagram.

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8-point relay carrier:



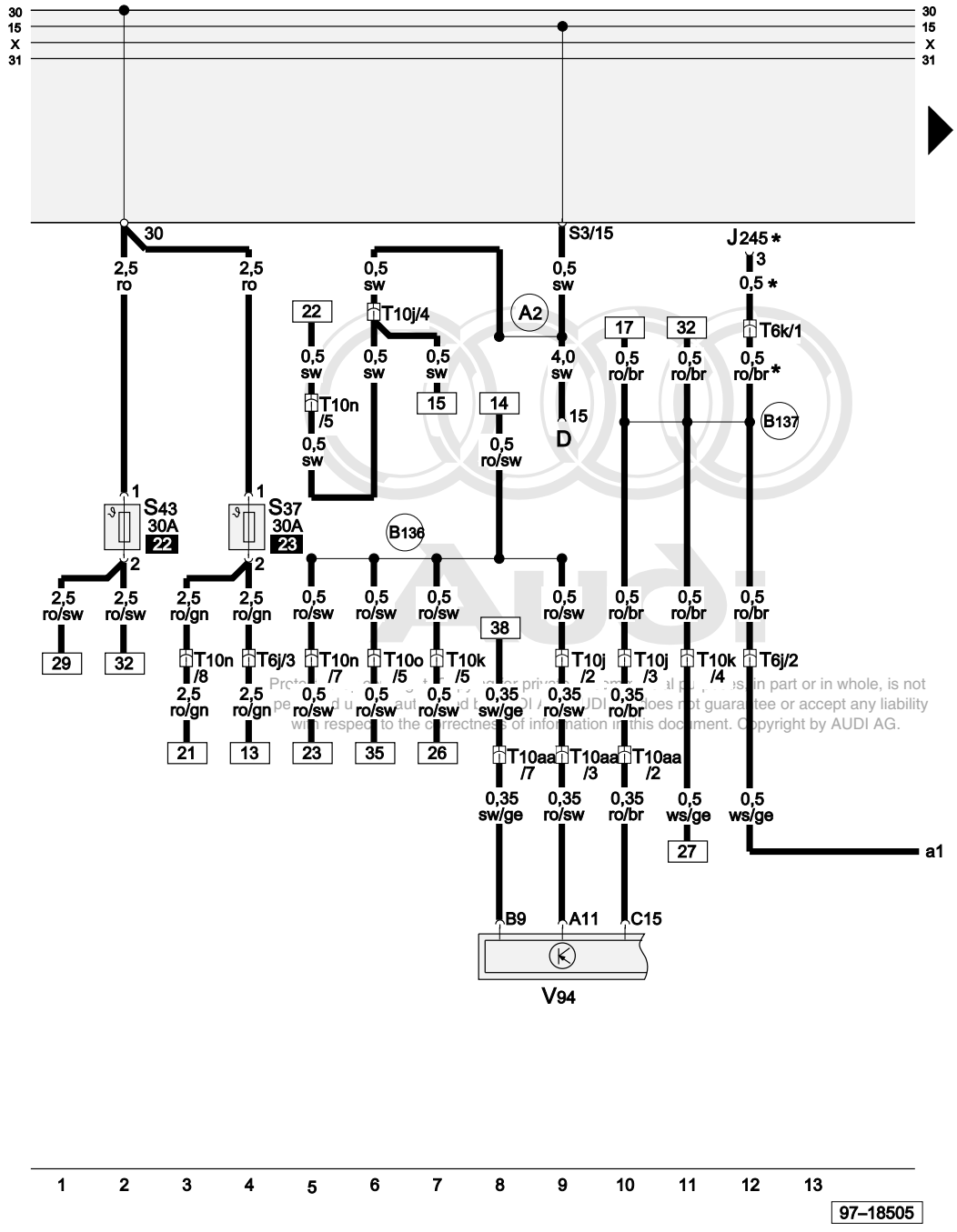
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Position of relays:

22 - Fuse for rear electric windows
23 - Fuse for front electric windows

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

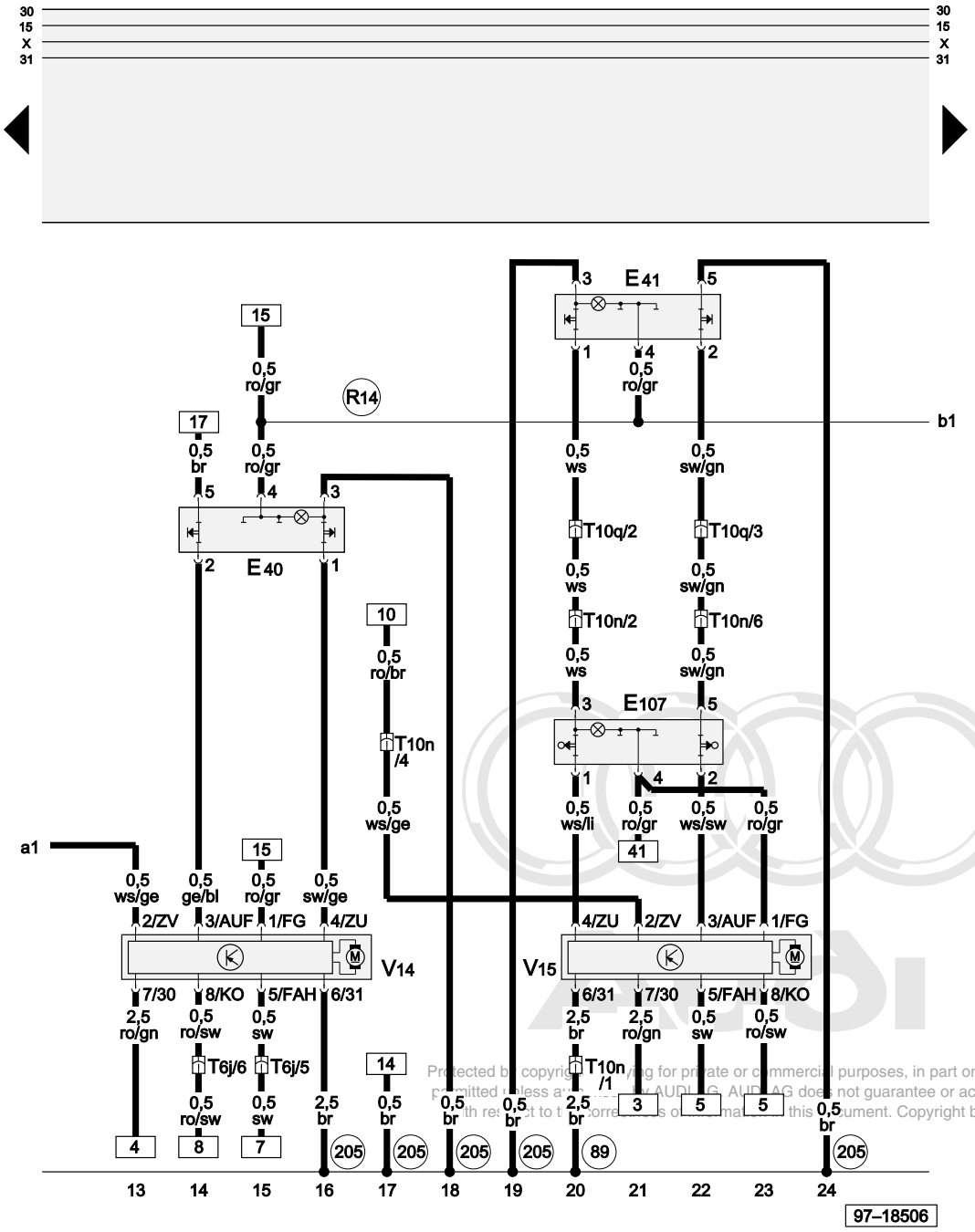


Electric windows, 4-door (with roll-back function)

D	Ignition/starter switch
J245	Sliding sunroof adjustment control unit
S37	Electric window single fuse (front)
S43	Electric window single fuse (rear)
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10k	10-pin connector, red, at B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, at B pillar, right
T10aa	10-pin connector, orange, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A2	Positive (+) connection (15), in dash panel wiring harness
B136	Connection (opening) - convenient open/close function, in electric window wiring harness
B137	Connection (closing) - convenient open/close function, in electric window wiring harness
*	Only models with electric sunroof

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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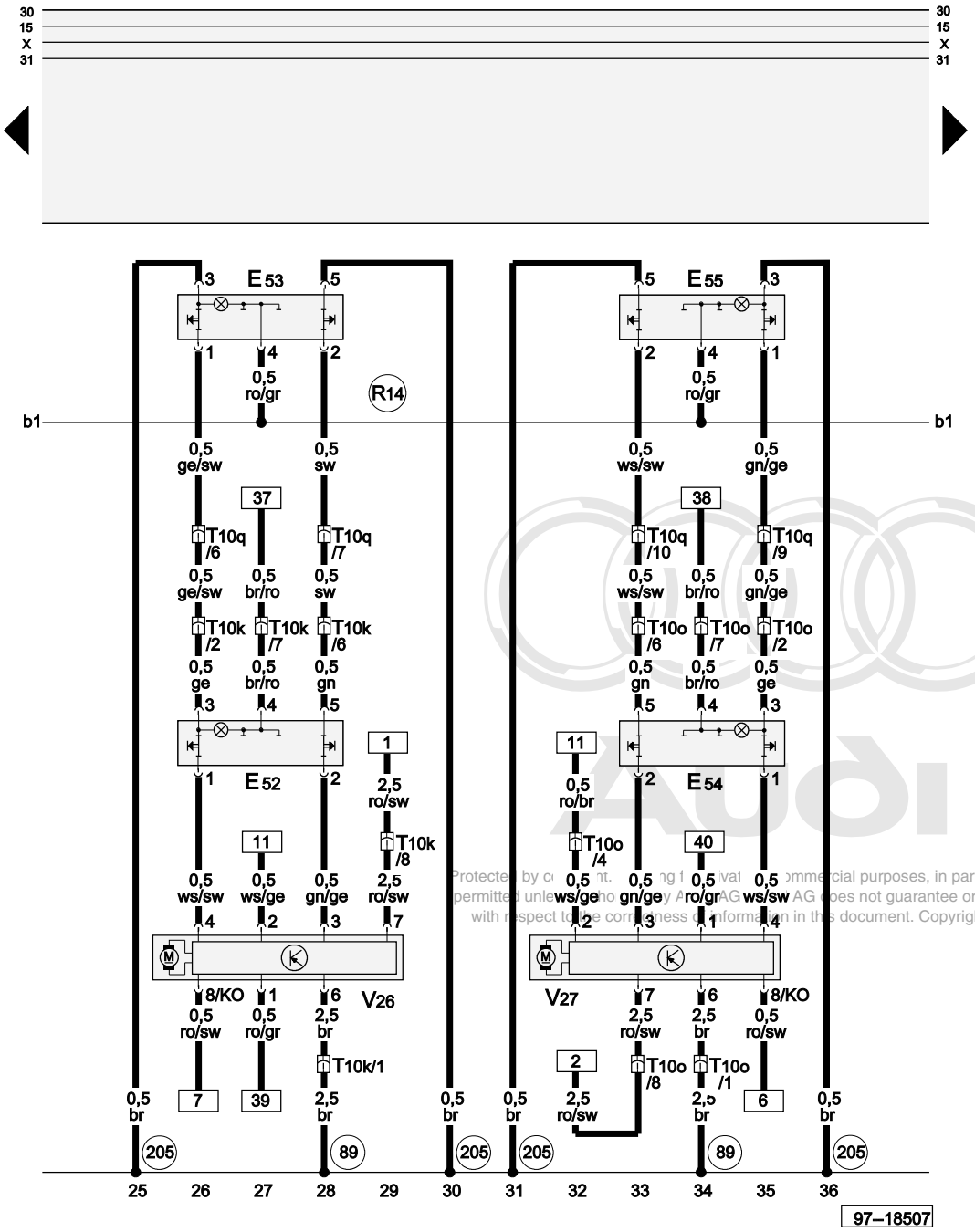


Electric windows, 4-door (with roll-back function)

E40	Electric window switch, front left (in driver's door)
E41	Electric window switch, front right (in driver's door)
E107	Electric window switch, front right (in front passenger's door)
T6j	6-pin connector, red, left connector point, A pillar
T10n	10-pin connector, red, right connector point, A pillar
T10q	10-pin connector, blue, left connector point, A pillar
V14	Electric window motor, left
V15	Electric window motor, right
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
R14	Connection -1- (open), in door wiring harness, driver's side

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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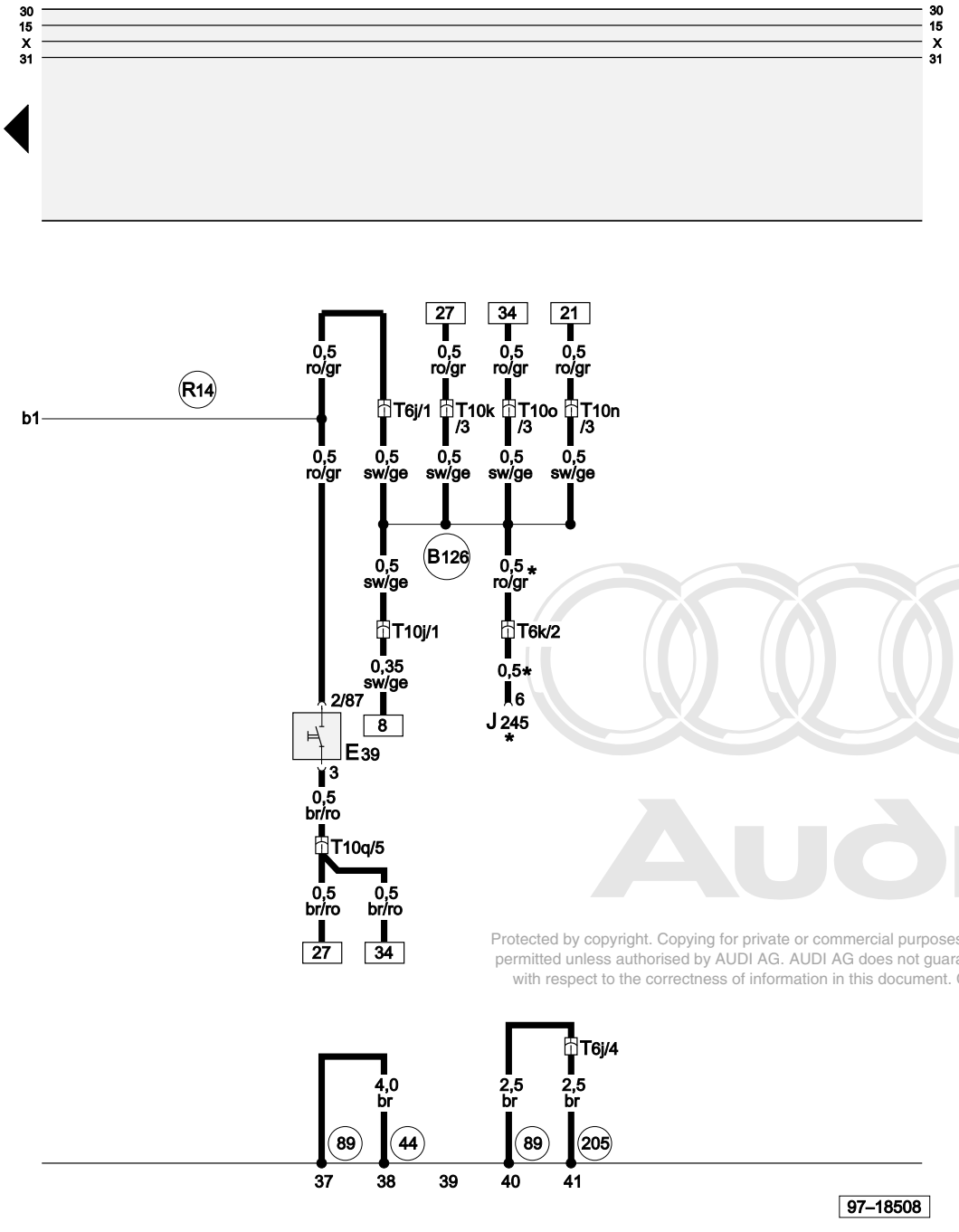


Electric windows, 4-door (with roll-back function)

E52	Electric window switch, rear left (in door)
E53	Window lifter switch, rear left (in door)
E54	Electric window switch, rear right (in door)
E55	Window lifter switch, rear right (in door)
T10k	10-pin connector, red, at B pillar, left
T10o	10-pin connector, red, at B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
V26	Electric window motor, rear left
V27	Electric window motor, rear right
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
R14	Connection -1- (open), in door wiring harness, driver's side

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric windows, 4-door (with roll-back function)

E39	Rear electric window isolation switch
J245	Sliding sunroof adjustment control unit
T6j	6-pin connector, red, left connector point, A pillar
T6k	6-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10k	10-pin connector, red, at B pillar, left
T10n	10-pin connector, red, right connector point, A pillar
T10o	10-pin connector, red, at B pillar, right
T10q	10-pin connector, blue, left connector point, A pillar
44	Earth point, lower part of left A-pillar
89	Earth connection -1-, in electric window wiring harness
205	Earth connection, in door wiring harness - driver's side
B126	Connection (87, electric windows control unit), in electric window wiring harness
R14	Connection -1- (open), in door wiring harness, driver's side
*	Only models with electric sunroof

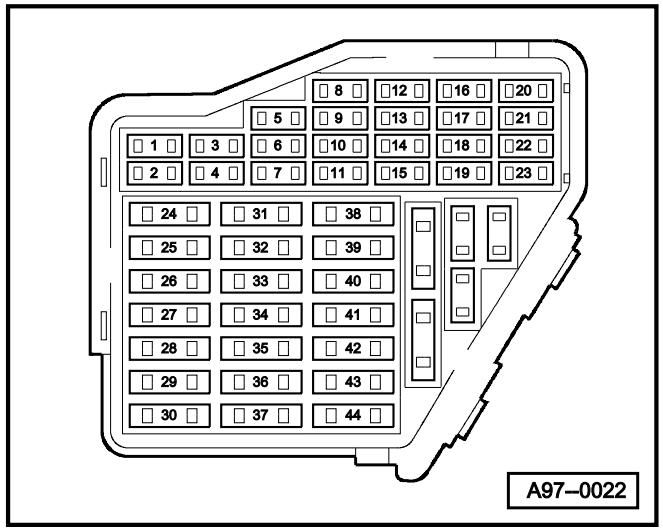
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Four-speed automatic gearbox with selector lever lock (01N)

From model year 1997

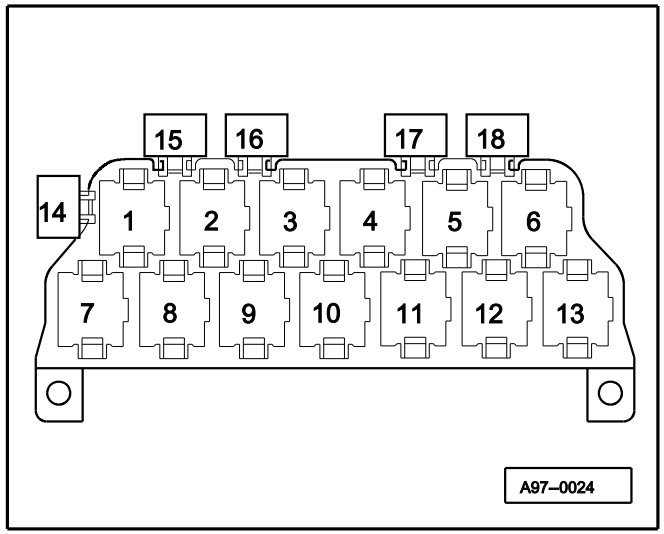
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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13-point relay carrier:



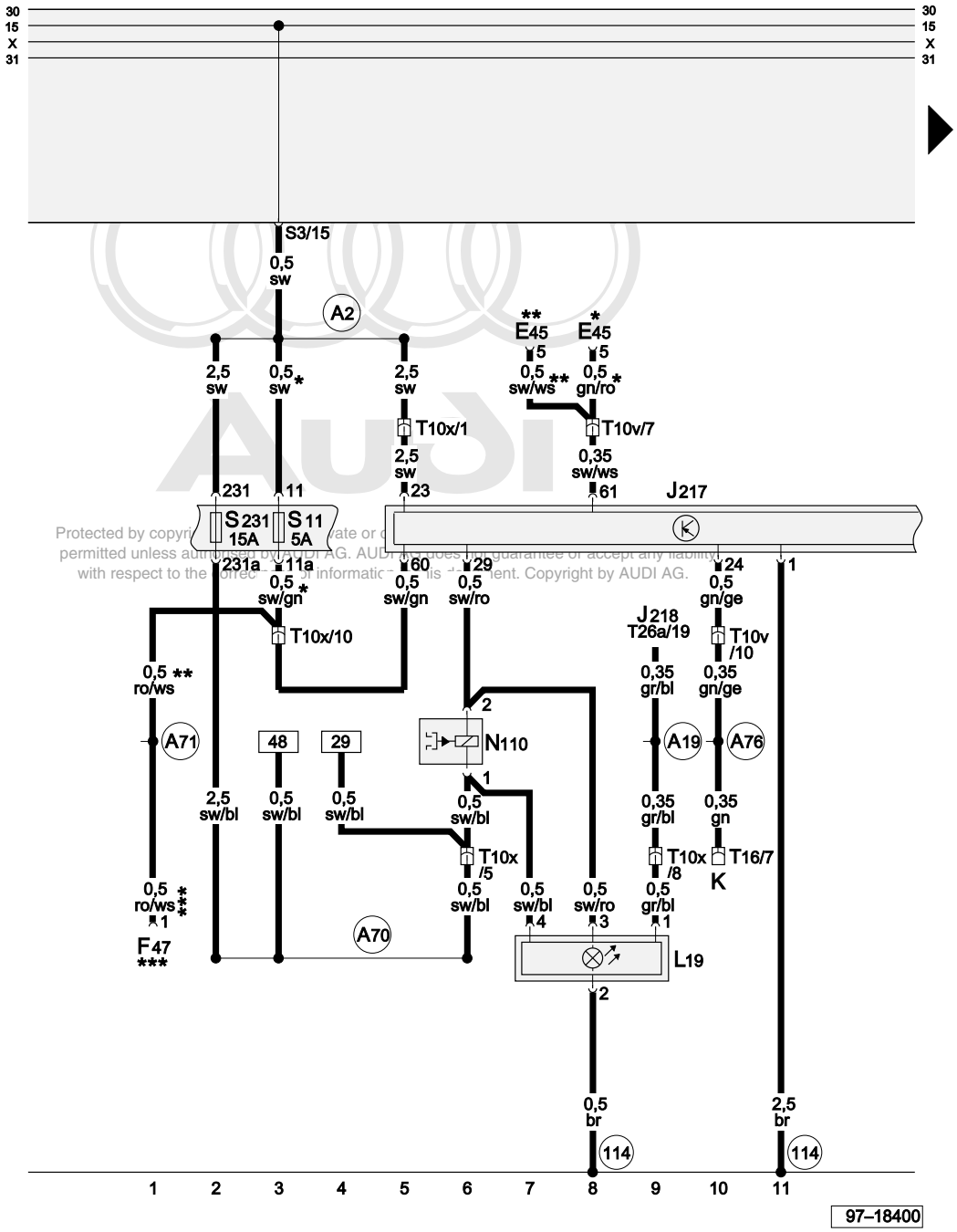
Position of relays:

13 - Starter inhibitor and reversing light relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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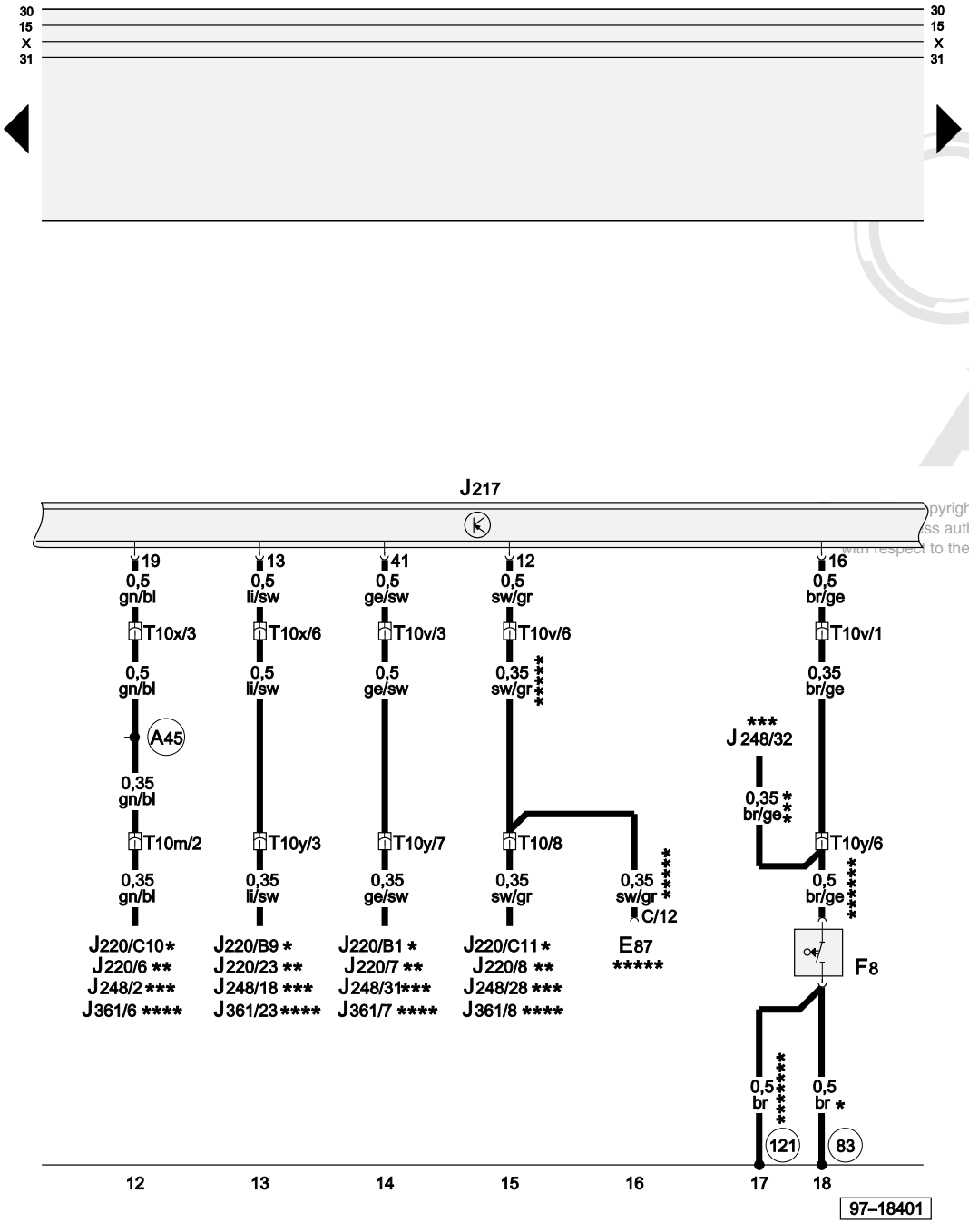


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ro = red
br = brown
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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Four-speed automatic gearbox with selector lever lock (01N)

E45	Cruise control system switch
F47	Brake pedal switch diesel direct injection system
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
L19	Selector lever illumination light bulb
N110	Selector lever lock solenoid
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
114	Earth connection, in automatic gearbox wiring harness
A2	Positive (+) connection (30a), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A70	Positive (+) connection (15a, fuse 231), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
A76	Connection (diagnosis connection wire K), in dash panel wiring harness
*	Only models with cruise control system (1.6 l Motronic 74 kW and 1.8 kW Motronic 92 kW and 1.6 l Simos 74 kW)
**	Only models with cruise control system (1.9 l TDI)
***	Only models with 1.9 l TDI

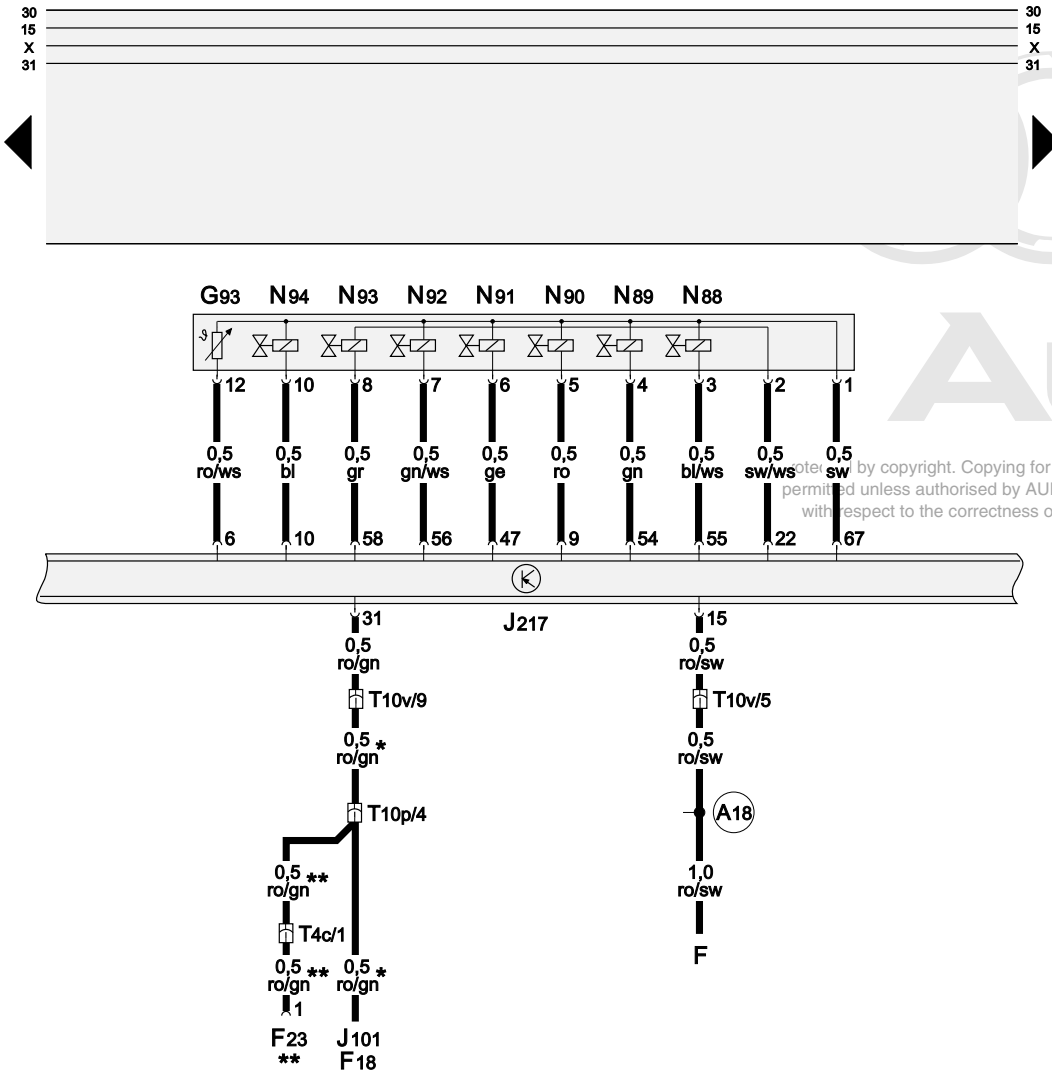


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Four-speed automatic gearbox with selector lever lock (01N)

E87	Control and display unit for air conditioner
F8	Kick-down switch
J217	Automatic gearbox control unit
J220	Motronic control unit
J248	Diesel direct injection system control unit
J361	Simos control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
121	Earth connection -2-, in front right wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with 1.6 l Motronic 74 kW
**	Only models with 1.8 l Motronic 92 kW
***	Only models with 1.9 l TDI
****	Only modelswith 1.6l Simos 74 kW
*****	Only models with air conditioner
******	Does not 1.9 l TDI
*******	Only models with 1.8 l Motronic 92 kW and 1.6 l Simos 74 kW

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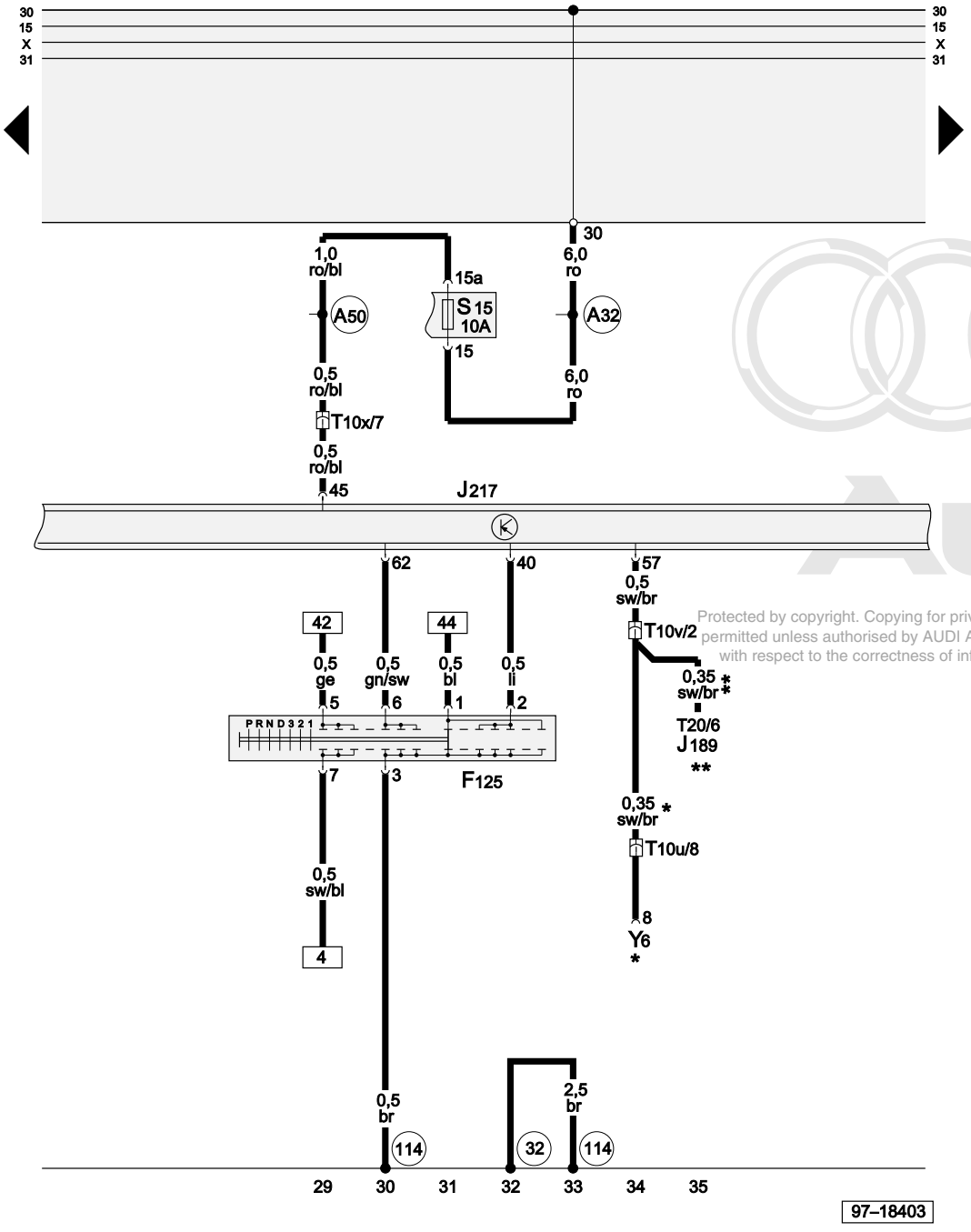


Four-speed automatic gearbox with selector lever lock (01N)

F	Brake light switch
F18	Radiator fan thermo-switch
F23	High pressure switch for air conditioner
G93	Gearbox oil temperature sender
J101	Radiator fan 2nd speed relay
J217	Automatic gearbox control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, grey, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
A18	Connection (54), in dash panel wiring harness
*	Only models with 1.9 l TDI
**	Only models with air conditioner (1.9 l TDI)

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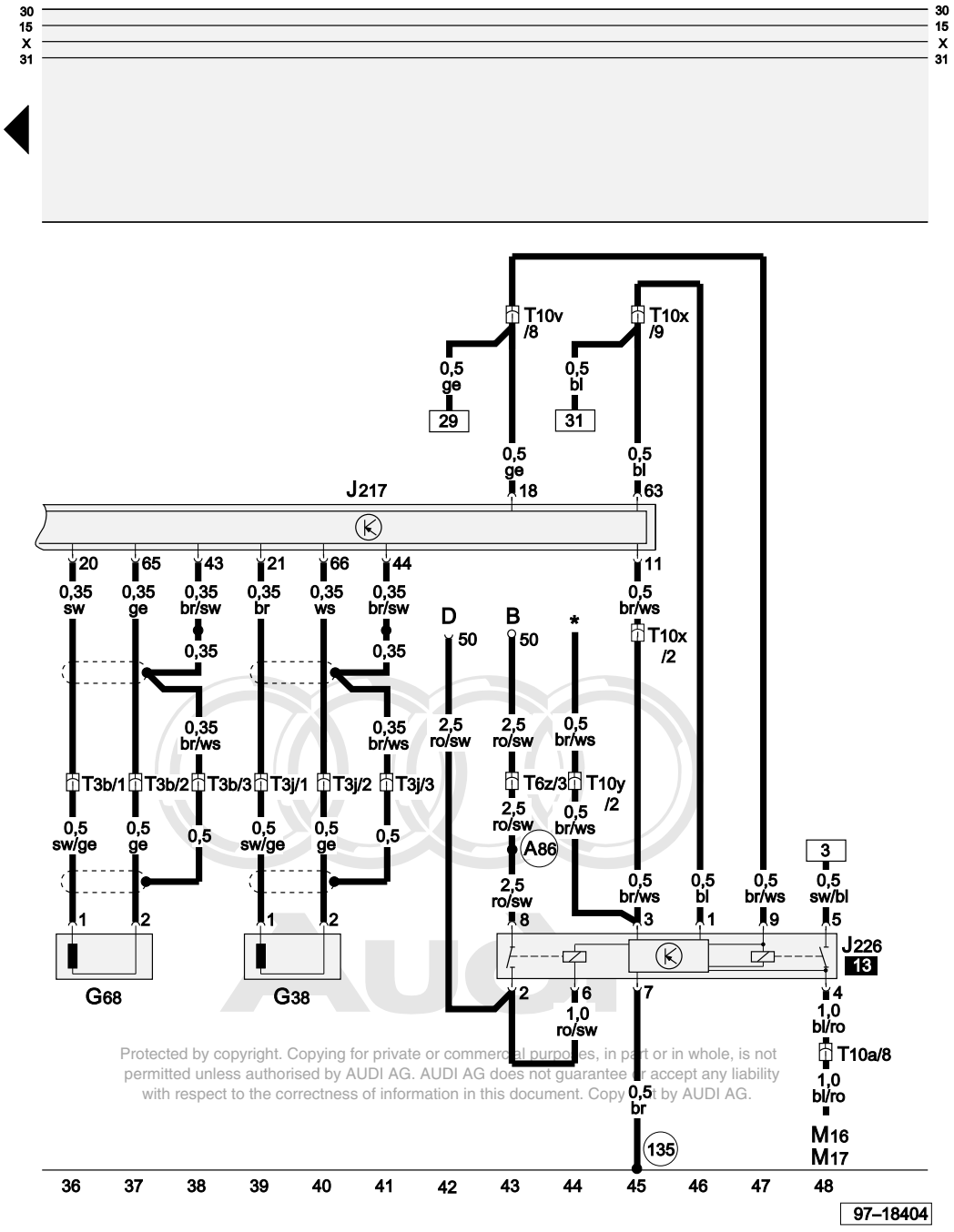


Four-speed automatic gearbox with selector lever lock (01N)

F125	Multi-function switch
J189	Auto-check system
J217	Automatic gearbox control unit
T10u	10-pin connector, black, behind dash panel, centre
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T20	20-pin connector, black, on dash panel insert
Y6	Selector lever position indicator
32	Earth point, behind dash panel, left
114	Earth connection, in automatic gearbox wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Only models with selector lever position indicator
**	Only models with on-board computer with auto-check system

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Four-speed automatic gearbox with selector lever lock (01N)

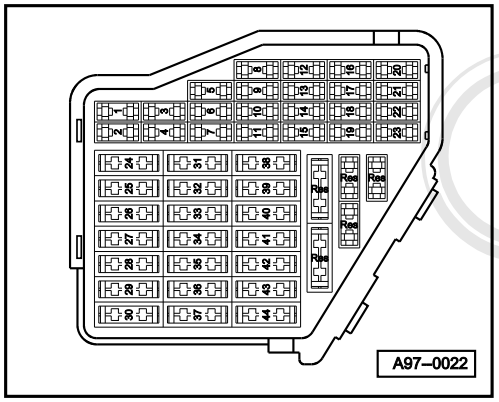
B	Starter
D	Ignition/starter switch
G38	Gearbox speed sender
G68	Vehicle speed sender
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3b	3-pin connector, brown, on gearbox
T3j	3-pin connector, black, on gearbox
T6z	6-pin connector, red, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, blue, right connector point, A pillar
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
135	Earth connection -2-, in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	P/N-signal (depending on engine version)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Air conditioner with automatic control

From 1997 model year

Fuse box:

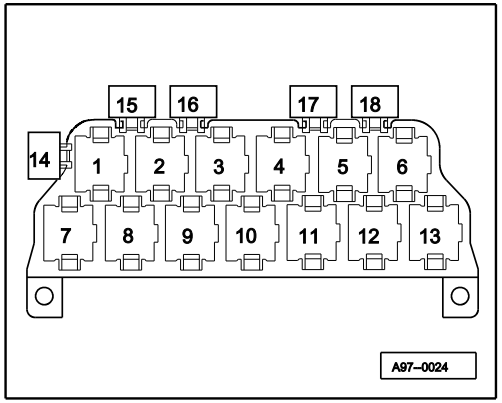


Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5A - orange
5 A - beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:

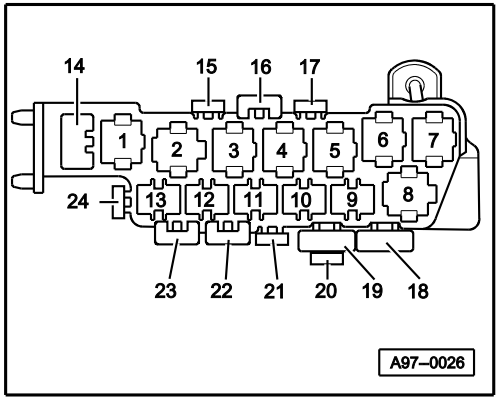


Position of relays:

3 - Magnetic coupling relay

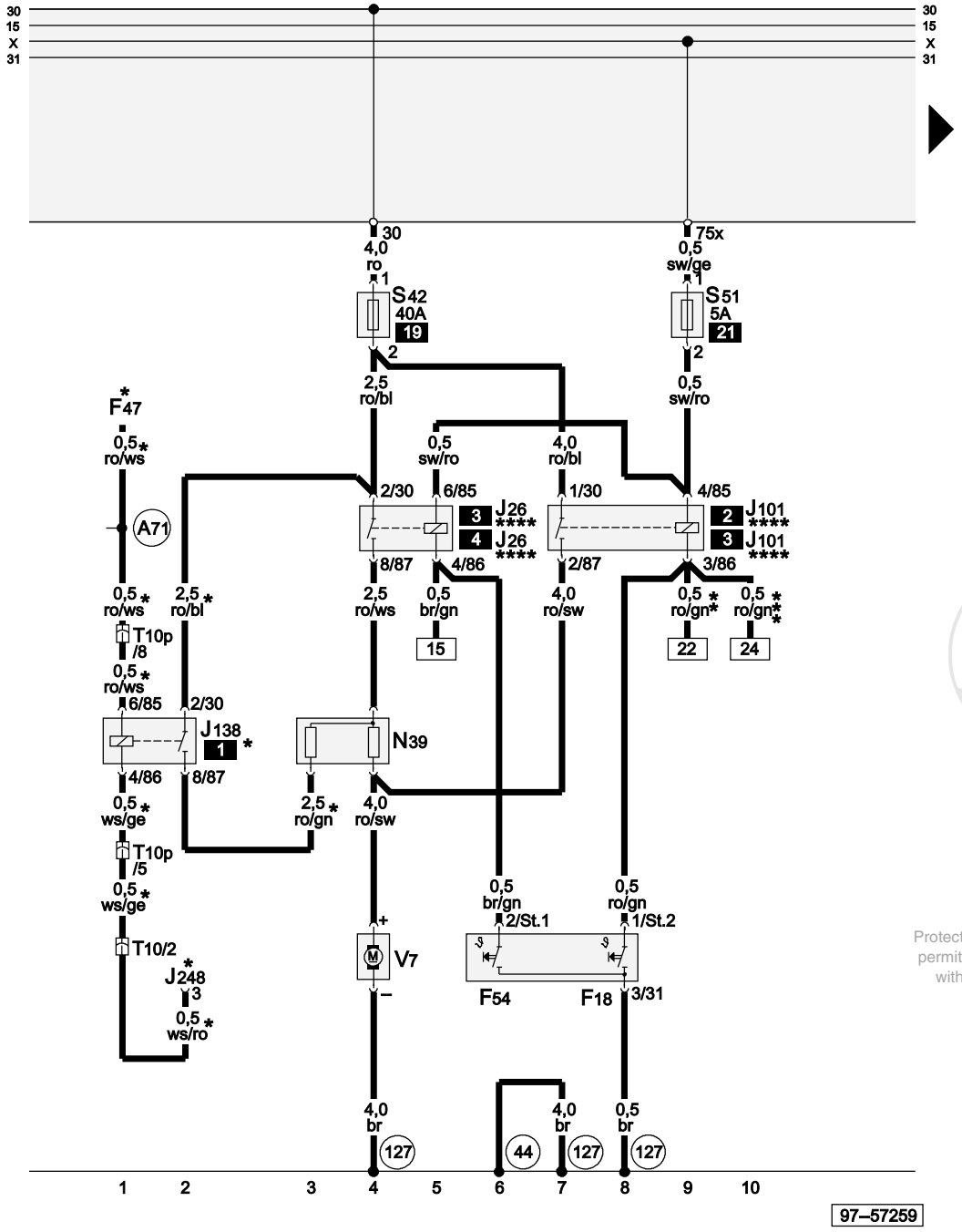
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8-point relay carrier:



Position of relays:

1 - Radiator fan run-on relay
2 - Radiator fan relay
3 - Radiator fan relay
3 - Radiator fan 2nd speed relay
4 - Radiator fan 2nd speed relay
19 - Radiator fan single fuse
21 - Radiator fan fuse (relay coil)

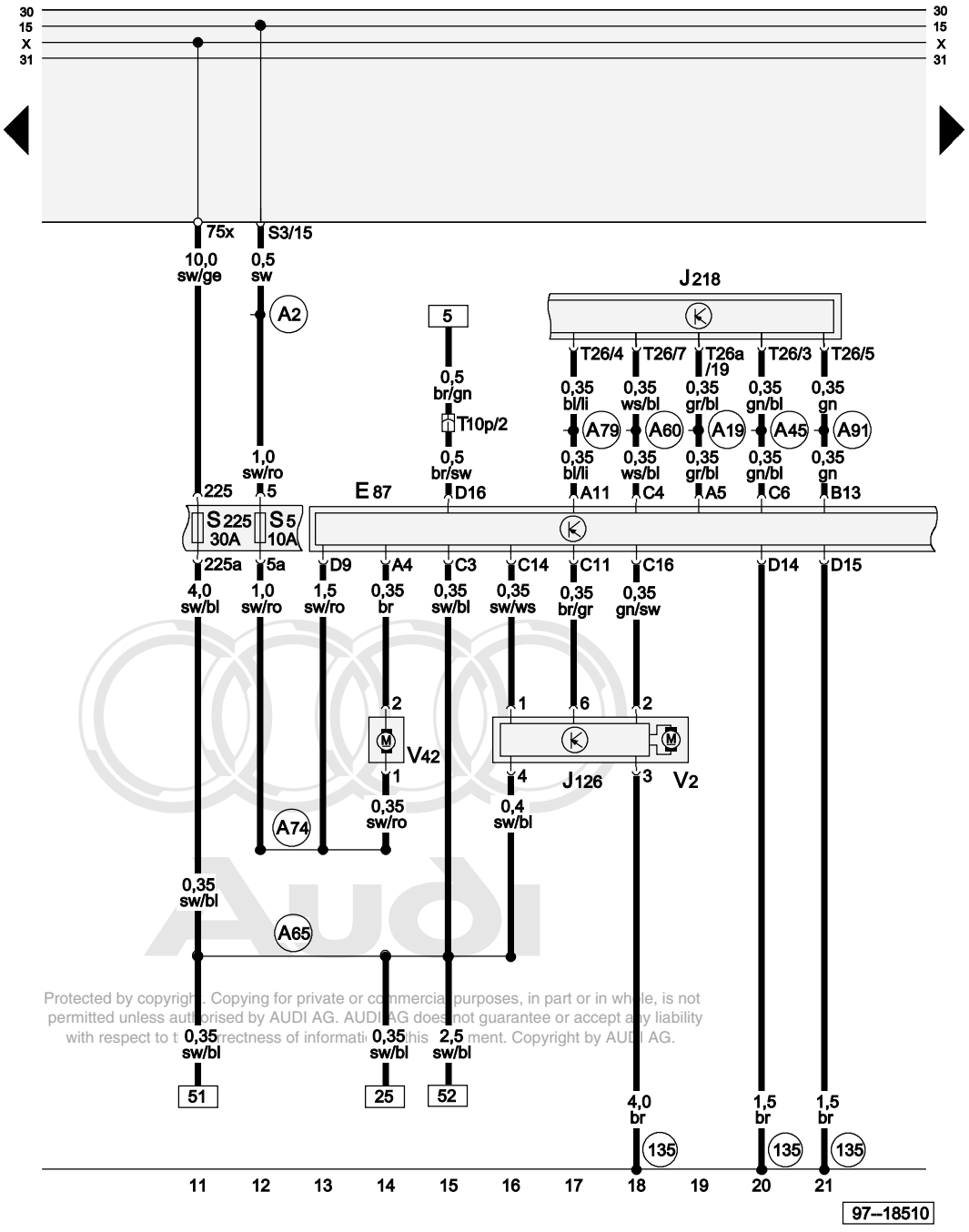


Air conditioner with automatic control

F18	Radiator fan thermo-switch
F47	Operating switch for diesel direct injection system
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J138	Radiator fan run-on relay
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse (relay coil)
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
V7	Radiator fan
44	Earth point, lower part of left A pillar
127	Earth connection -1-, in air conditioner compressor wiring harness
A71	Connection (86), in dash panel wiring harness
*	Only applies to 1.9 litre TDI engines, 81 kW, 4-cylinder
**	Only applies to 4-cylinder engines
***	Only applies to 6-cylinder engines
****	Depending on vehicle equipment

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ge	=	yellow
or	=	orange
rs	=	pink

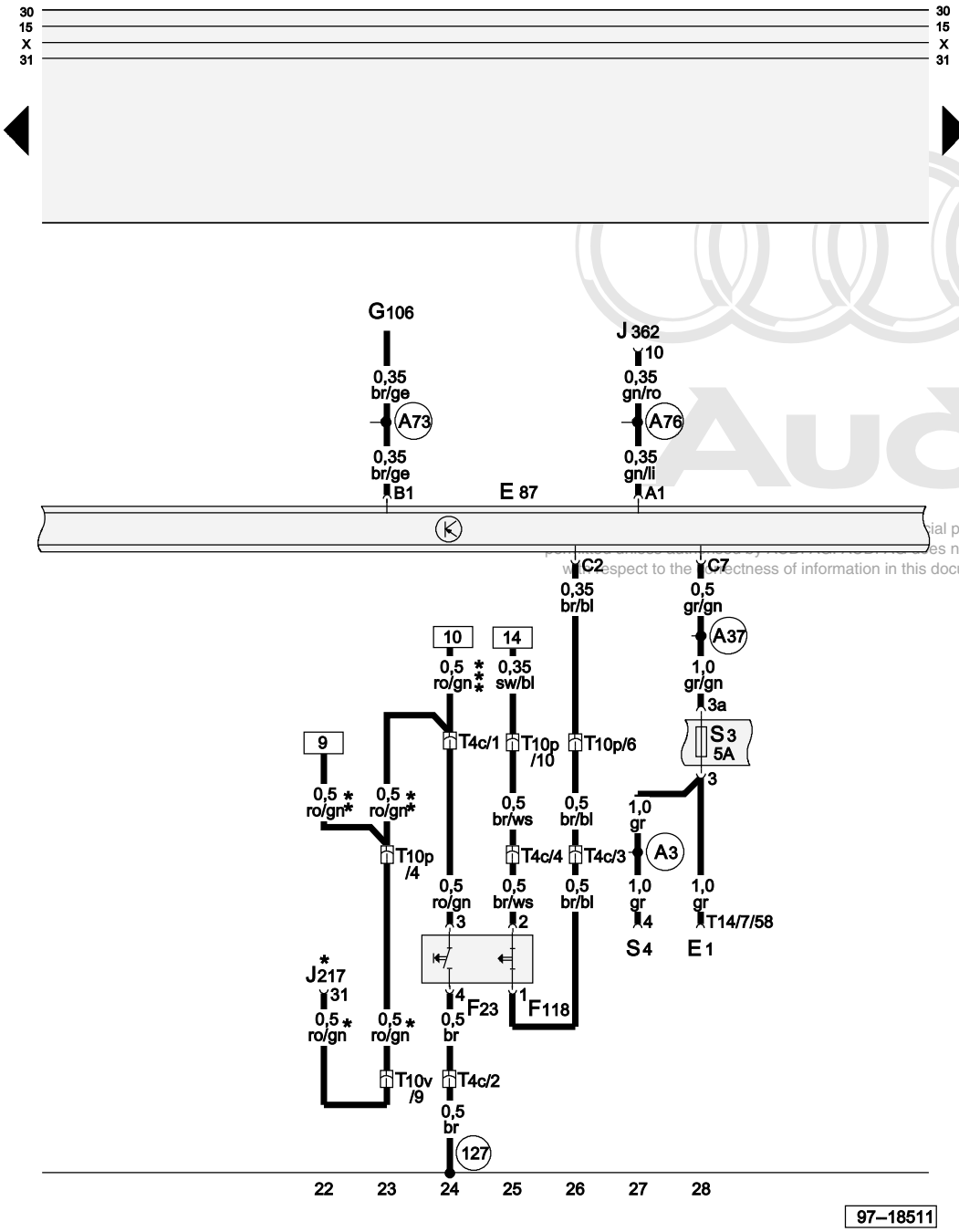


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Air conditioner with automatic control

E87	Control and display unit for air conditioner
J126	Fresh air blower control unit
J218	Combi-processor in dash panel insert
T10p	10-pin connector, grey, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
V2	Fresh air blower
V42	Temperature sensor blower
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A65	Connection (75a, digital air conditioner), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
A79	Connection (hot light switch), in dash panel wiring harness
A91	Connection (signal for dash panel insert), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

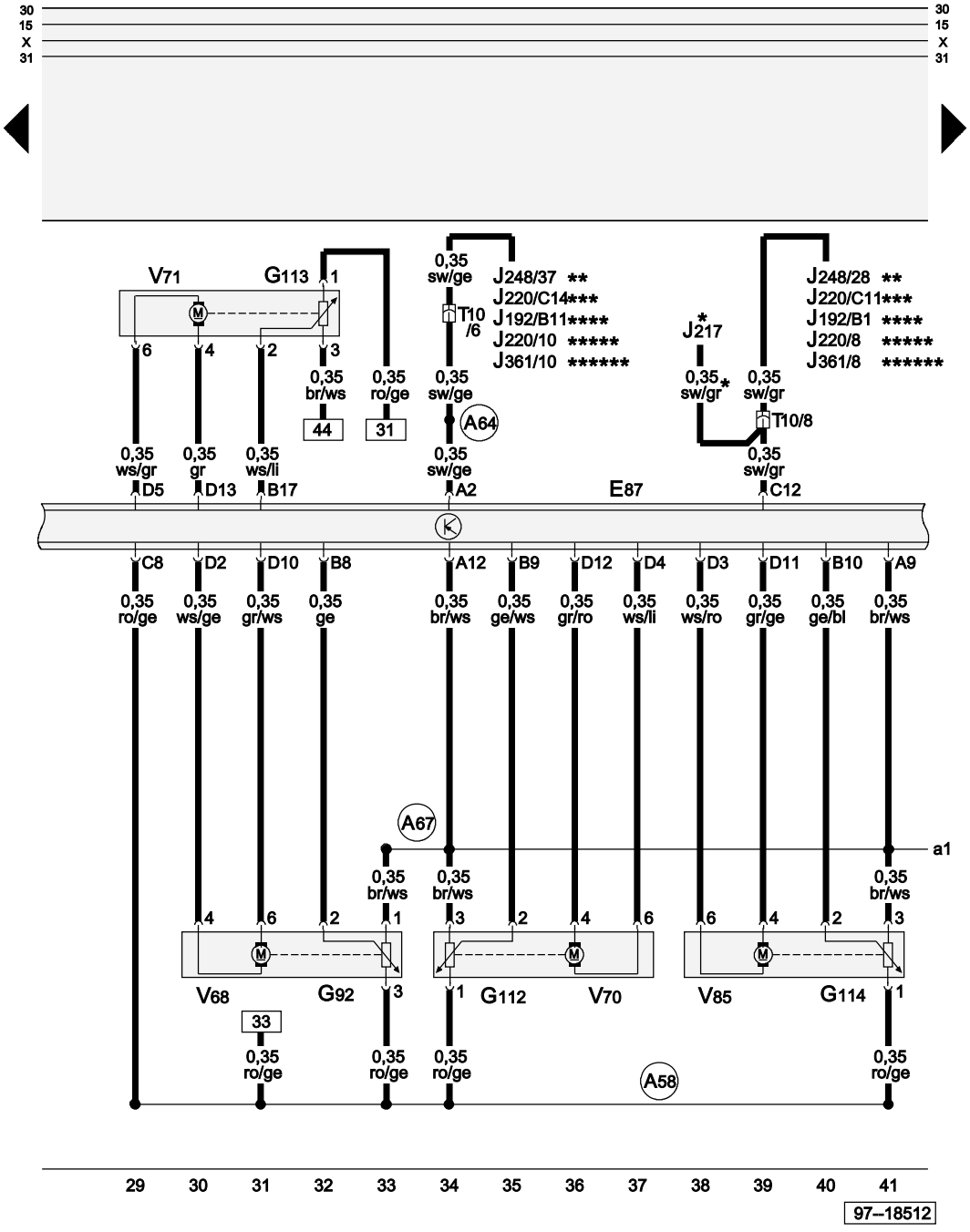


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Air conditioner with automatic control

E1	Lighting switch
E87	Control and display unit for air conditioner
F23	High pressure switch for air conditioner
F118	High pressure switch for magnetic coupling
G106	Ambient temperature indicator
J217	Automatic gearbox
J362	Immobilizer control unit
T4c	4-pin connector, red, in engine compartment, front left
T10p	10-pin connector, blue, left connector point, A pillar
T10v	10-pin connector, red, right connector point, A pillar
T14	14-pin connector, black, at steering column switch
127	Earth connection -1-, in air conditioner compressor wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with automatic gearbox (1.9 l diesel engine)
**	Applies to 4 cylinder engines only
***	Applies to 6 cylinder engines only
****	Only models with ambient temperature indicator

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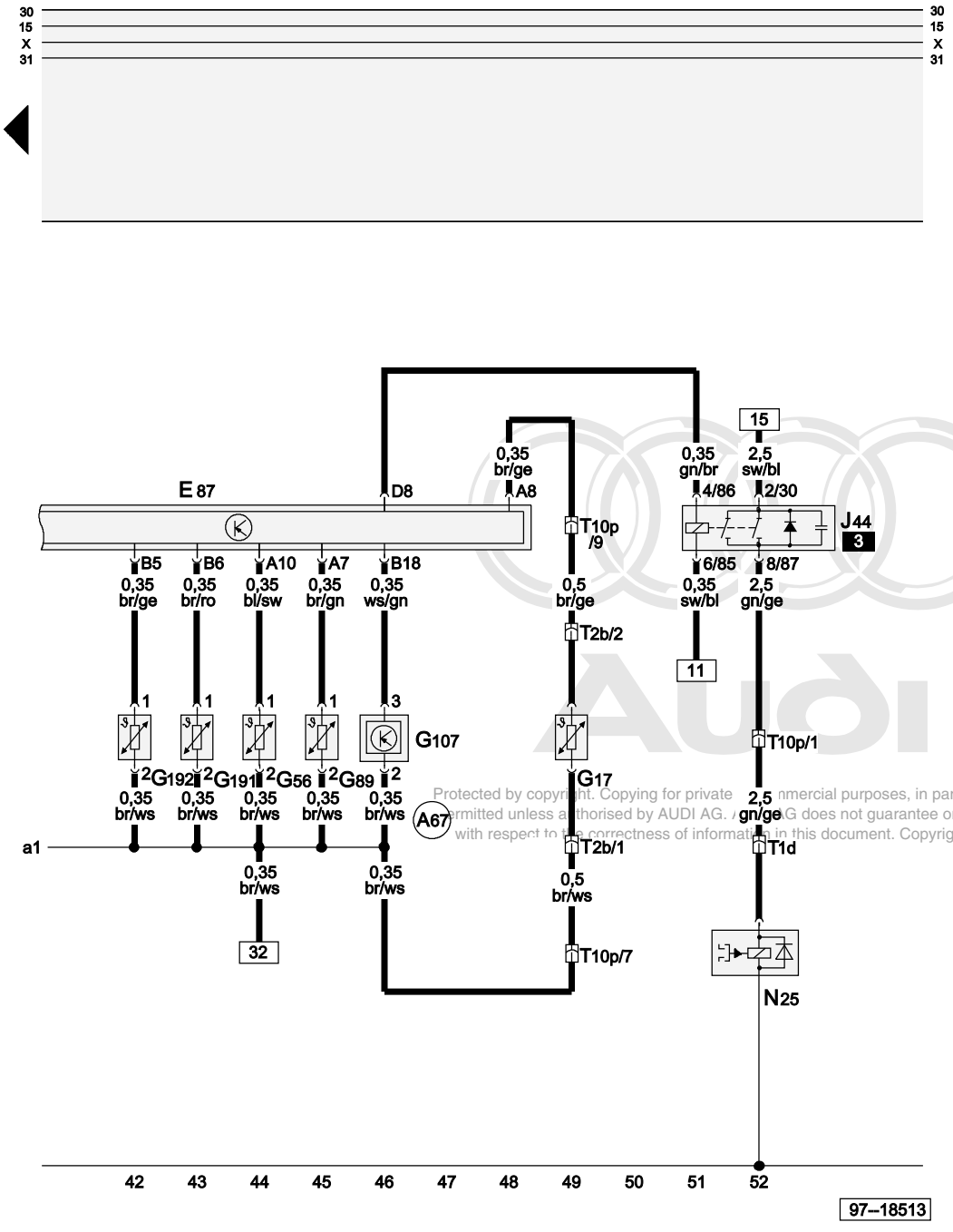
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Air conditioner with automatic control

E87	Control and display unit for air conditioner
G92	Control motor potentiometer, temperature flap
G112	Control motor potentiometer, central flap
G113	Control motor potentiometer, air flow flap
G114	Control motor potentiometer, footwell/defroster flap
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
J248	Diesel direct injection system control unit
J361	Simos control unit
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
V68	Temperature flap control motor
V70	Central flap control motor
V71	Air flow flap control motor
V85	Footwell/defroster flap control motor
A58	Connection (5 volt), in dash panel wiring harness
A64	Connection (rpm boost), in dash panel wiring harness
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness

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*	Only models with automatic gearbox
**	Only on 4 cylinder diesel engines
***	Only models with 1.6l Motronic 74 kW, 4 cylinder
****	Only models with 2.6 l MPI 110 kW, 6 cylinder
*****	Only models with 1.8l Motronic 92 kW, 4 cylinders and 1,8 l Motronic 110 kW, 4 cylinder and 2,8 l Motronic 142 kW, 6 cylinder
******	Only models with 1.6l Simos 74 kW, 4 cylinder



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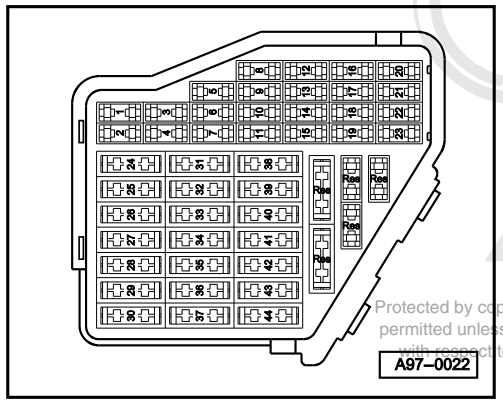
Air conditioner with automatic control

E87	Control and display unit for air conditioner
G17	Ambient temperature sensor
G56	Dash panel temperature sensor
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photo sensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
J44	Magnetic coupling relay
N25	Air conditioning system magnetic coupling
T1d	Single connector, green, near compressor
T2b	2-pin connector, black, in engine compartment, front
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10p	10-pin connector, grey, left connector point, A pillar
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness

Audi Avant

From model year 1997

Fuse box:



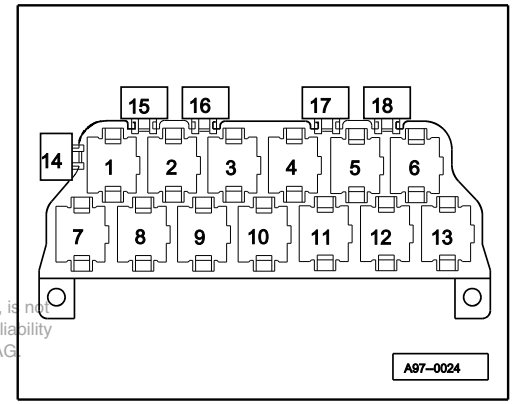
Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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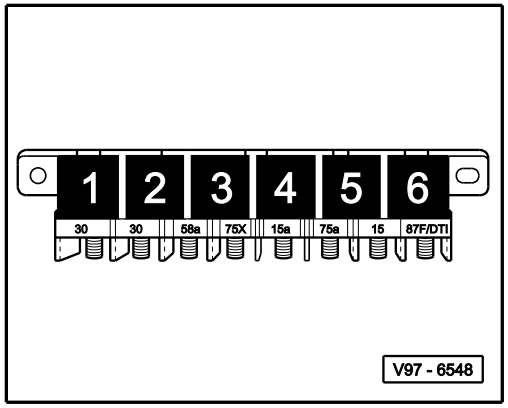
13-point relay carrier:



Position of relays:

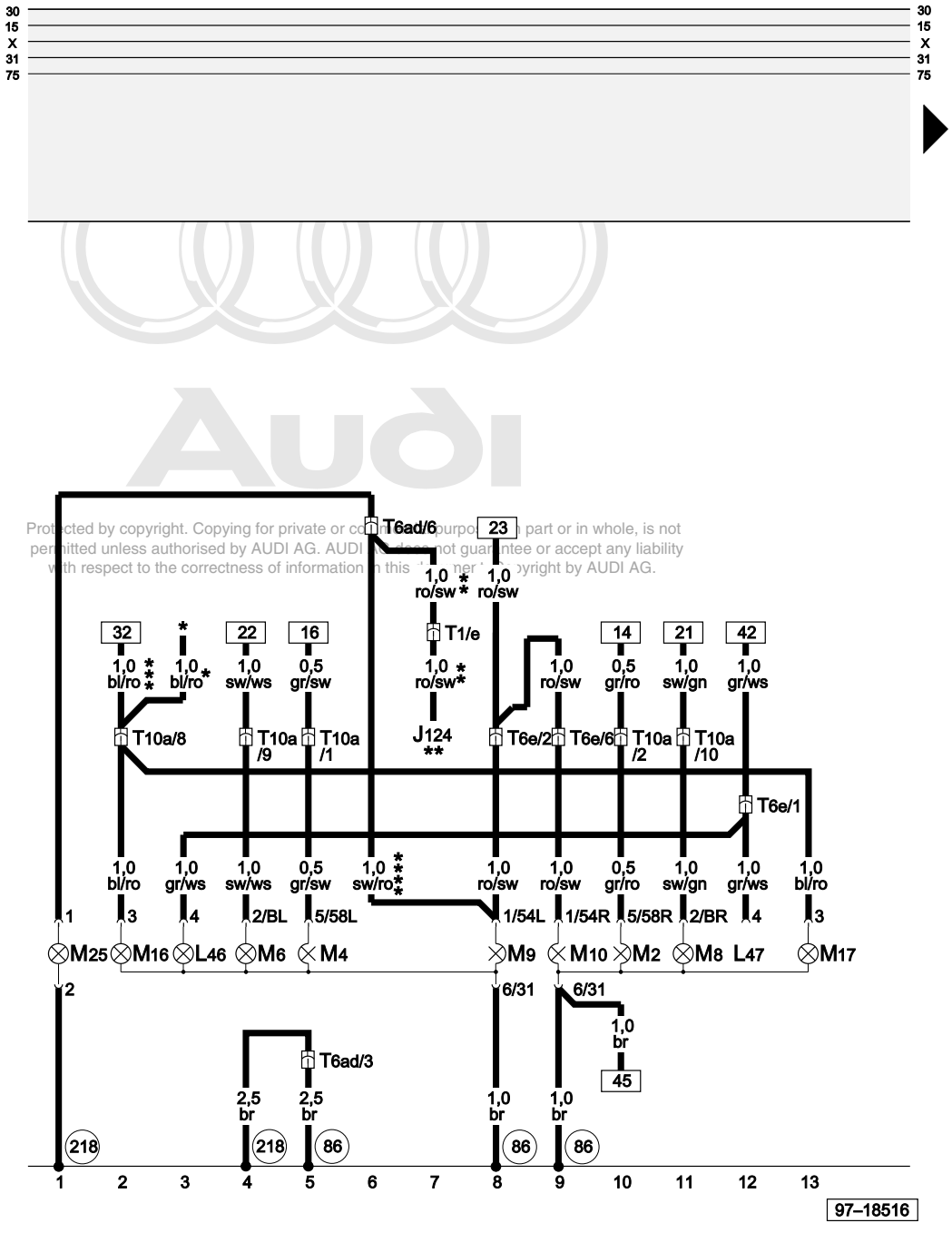
1 – Rear window washer pump relay

Central electrics - front side:



Position of relays:

5 – Automatic intermittent wash/wipe relay

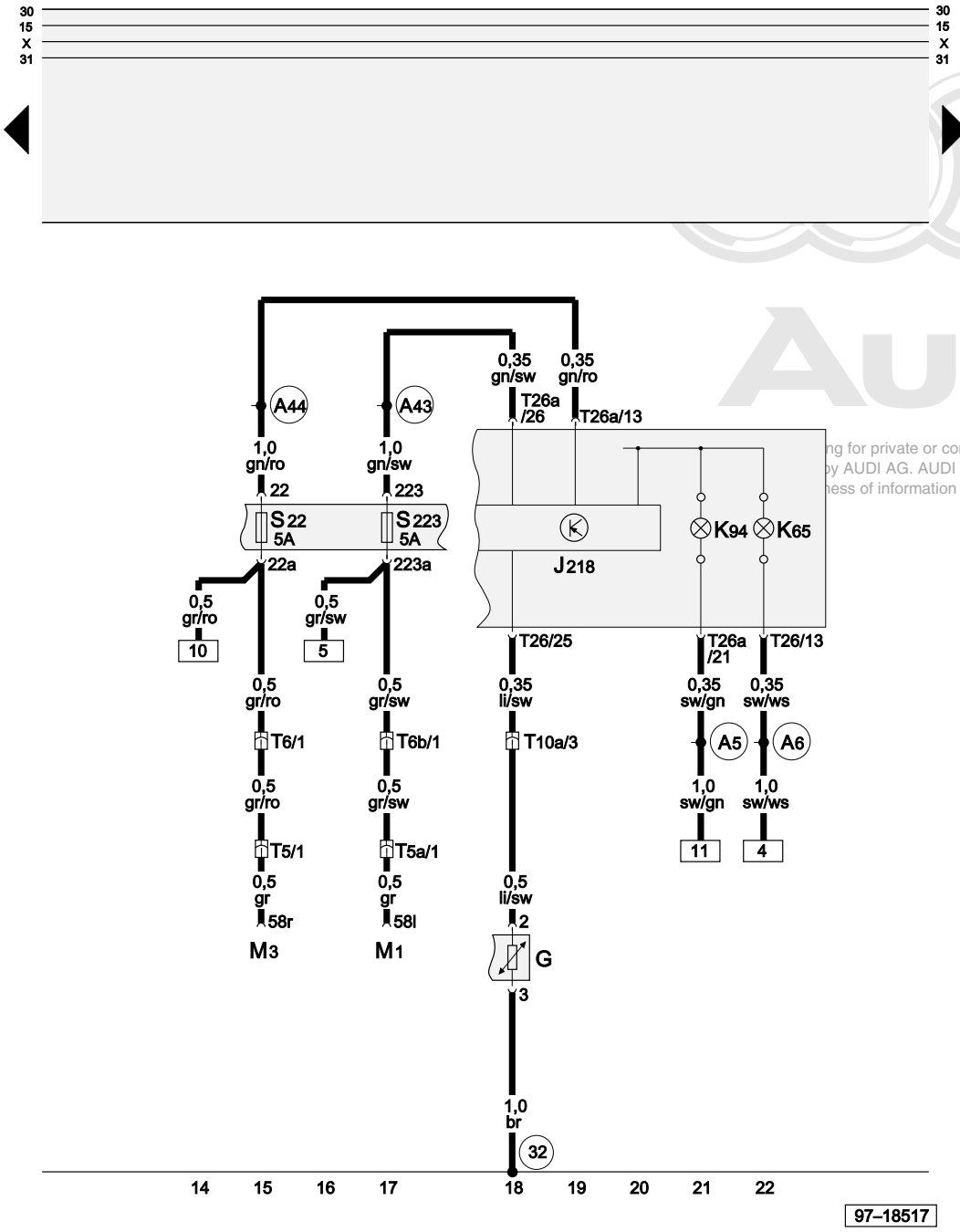


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rs = pink

Audi Avant

J124	Bulb monitoring device, rear
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M9	Brake light bulb, left
M10	Brake light bulb, right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M25	High level brake light bulb
T1e	1-pin connector, black, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T10a	10-pin connector, brown, left connector point, A pillar
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
*	See applicable Current Flow Diagram: automatic gearbox
**	Only models with auto-check system
***	Only models with manual gearbox
****	Does not apply to models with auto-check system

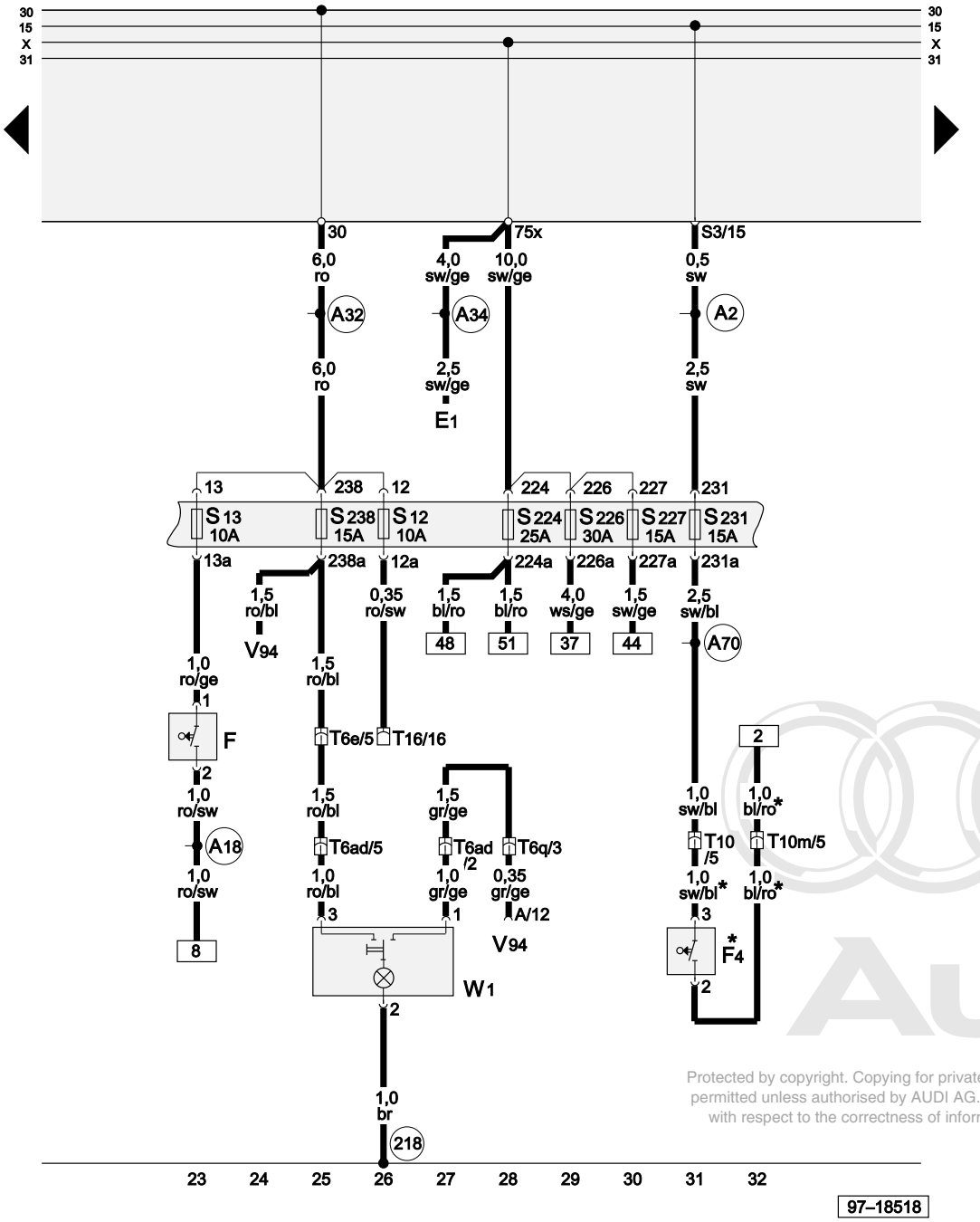


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Audi Avant

G	Fuel gauge sender
J218	Combi-processor in dash panel insert
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M1	Side light bulb, left
M3	Side light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A43	Connection (57l), in dash panel wiring harness
A44	Connection (57r), in dash panel wiring harness

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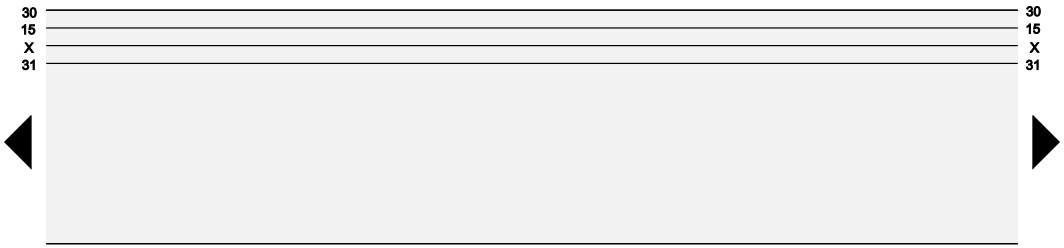


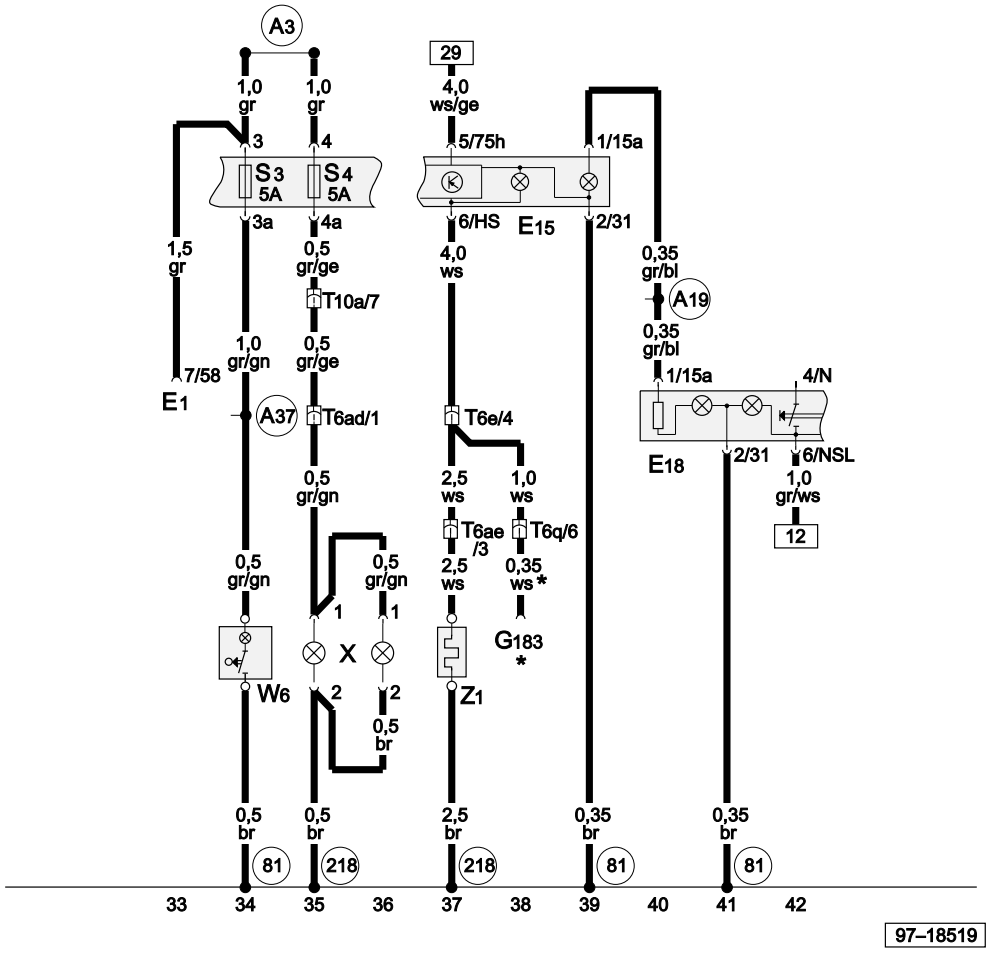
Audi Avant

E1	Lighting switch
F	Brake light switch
F4	Reversing light switch
T6e	6-pin connector, blue, left connector point, A pillar
T6q	6-pin connector, purple, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T16	16-pin connector, in centre console rear
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W1	Rear interior light / luggage compartment
218	Earth connection -1-, in tailgate/boot lid wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
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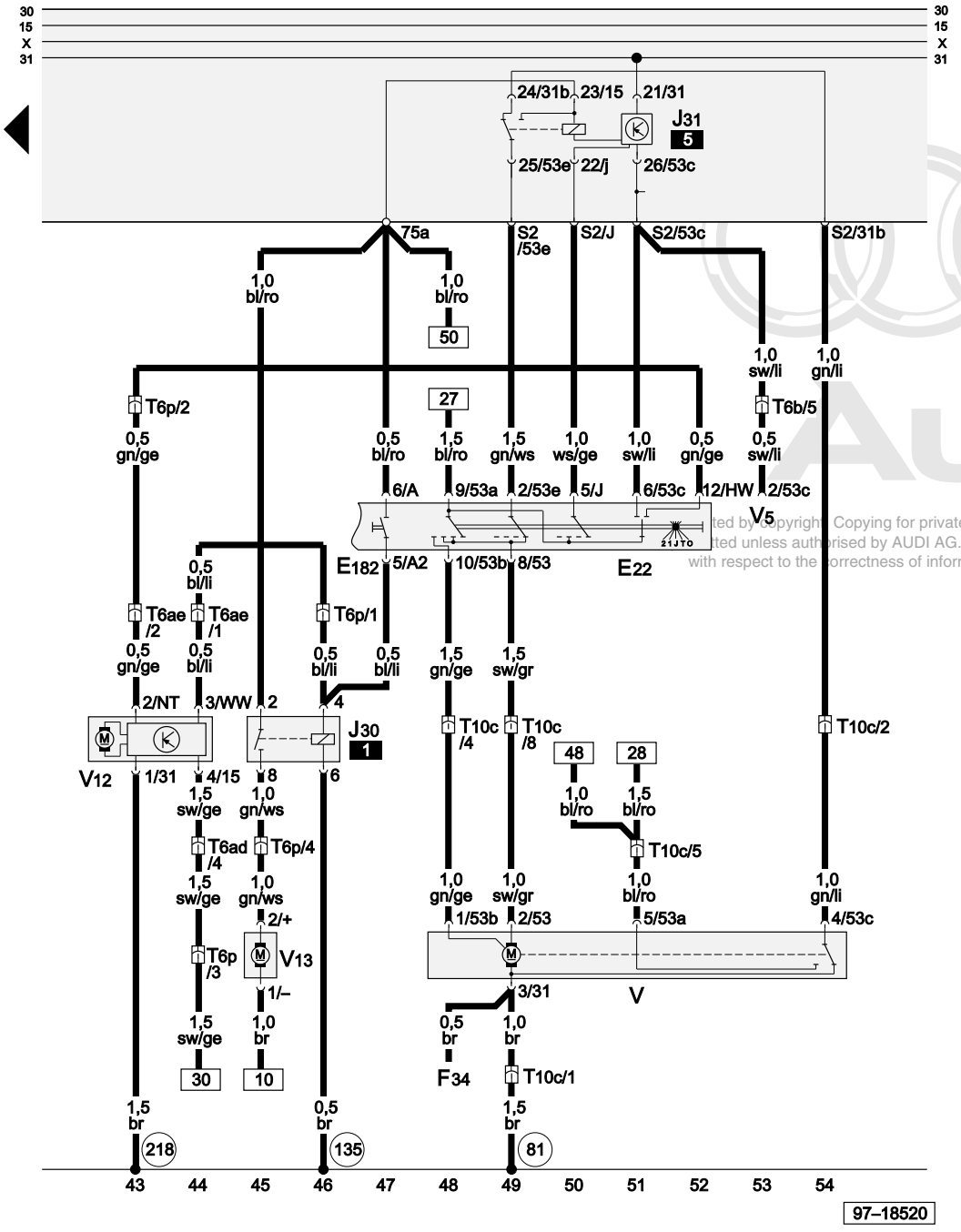
Audi Avant

E1	Lighting switch
E15	Heated rear window switch
E18	Rear fog light switch
G183	Glass breakage sensor, rear left side window
T6e	6-pin connector, blue, left connector point, A pillar
T6q	6-pin connector, purple, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T6ae	Single connector, white, in rear left luggage compartment
T10a	10-pin connector, brown, left connector point, A pillar
W6	Glove box light
X	Number plate light
Z1	Heated rear window
81	Earth connection -1-, in dash panel wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
*	Only models with anti-theft alarm system

ws	=	white
sw	=	black
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br	=	brown
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Audi

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Audi Avant

E22	Intermittent wiper switch
E182	Water pump switch (fresh water, rear)
F34	Brake fluid level warning contact
J30	Rear window wiper/washer relay
J31	Automatic intermittent wash/wipe relay
T6b	6-pin connector, yellow, light connector point, A pillar
T6p	6-pin connector, white, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T6ae	Single connector, white, in rear left luggage compartment
T10c	10-pin connector, violet, left connector point, A pillar
V	Windscreen wiper motor
V5	Windscreen washer pump
V12	Rear window wiper motor
V13	Rear window washer pump
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
218	Earth connection -1-, in tailgate/boot lid wiring harness

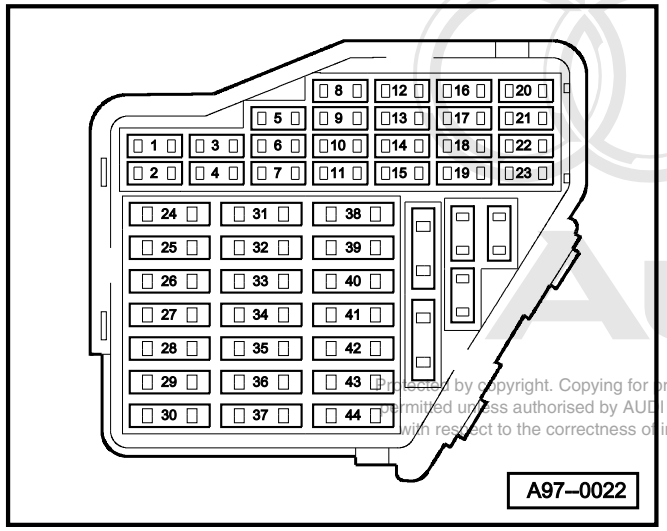
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Electric sliding sunroof with automatic preselector

From model year 1997

Fuse box:

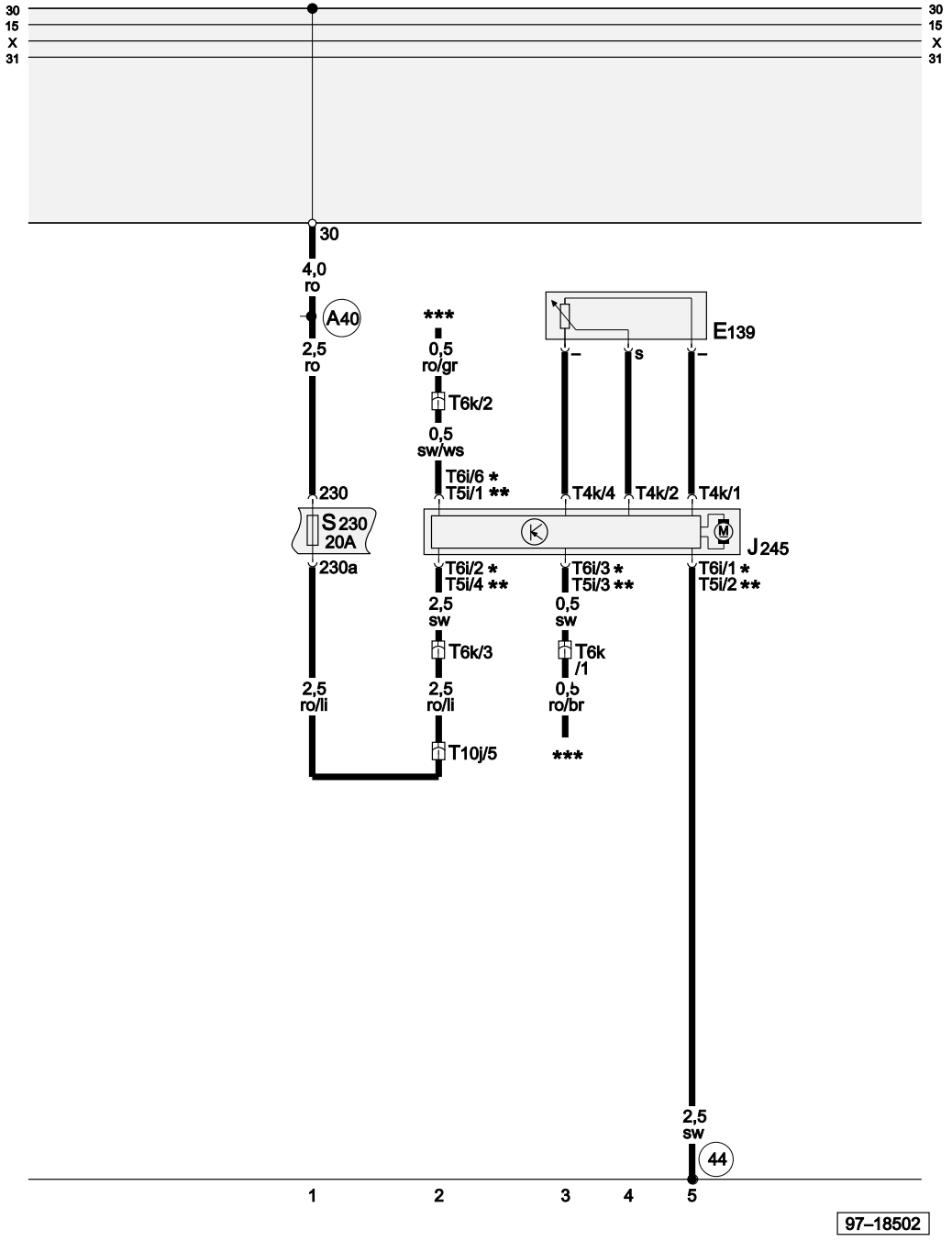


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige



Electric sliding sunroof with automatic preselector

E139	Sliding sunroof adjustment regulator
J245	Sliding sunroof adjustment control unit
T4k	4-pin connector, near interior light, front
T5i	5-pin connector, black, near interior light, front
T6i	5-pin connector, blue, near interior light, front
T6k	6-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
44	Earth point, lower part of left A-pillar
A40	Positive (+) connection -1- (30), in dash panel wiring harness
*	Applies to Audi saloons only
**	Applies to Audi Avant models only
***	See applicable electric window Current Flow Diagram

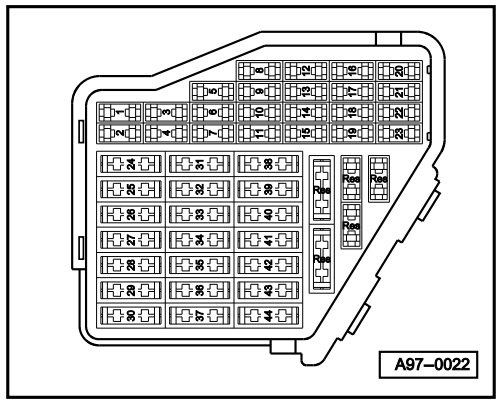
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ge	=	yellow
or	=	orange
rs	=	pink

Taxi

From model year 1997

Fuse box:

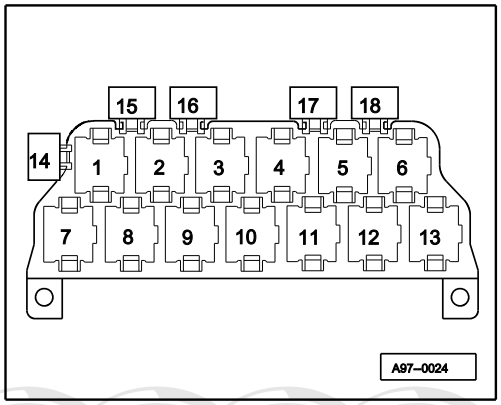


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

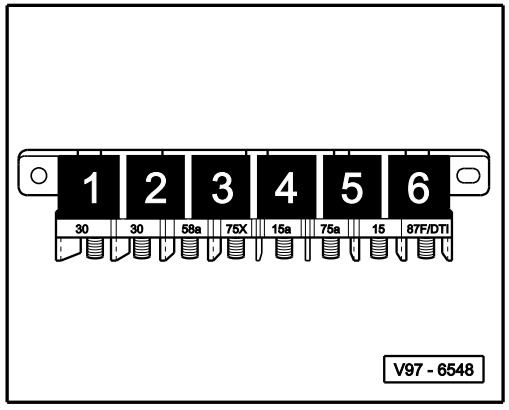
13-point relay carrier:



Position of relays:

14 – Fuse (alarm system)
16 – Alarm system control unit
17 – Taximeter fuse
18 – Two-way radio fuse

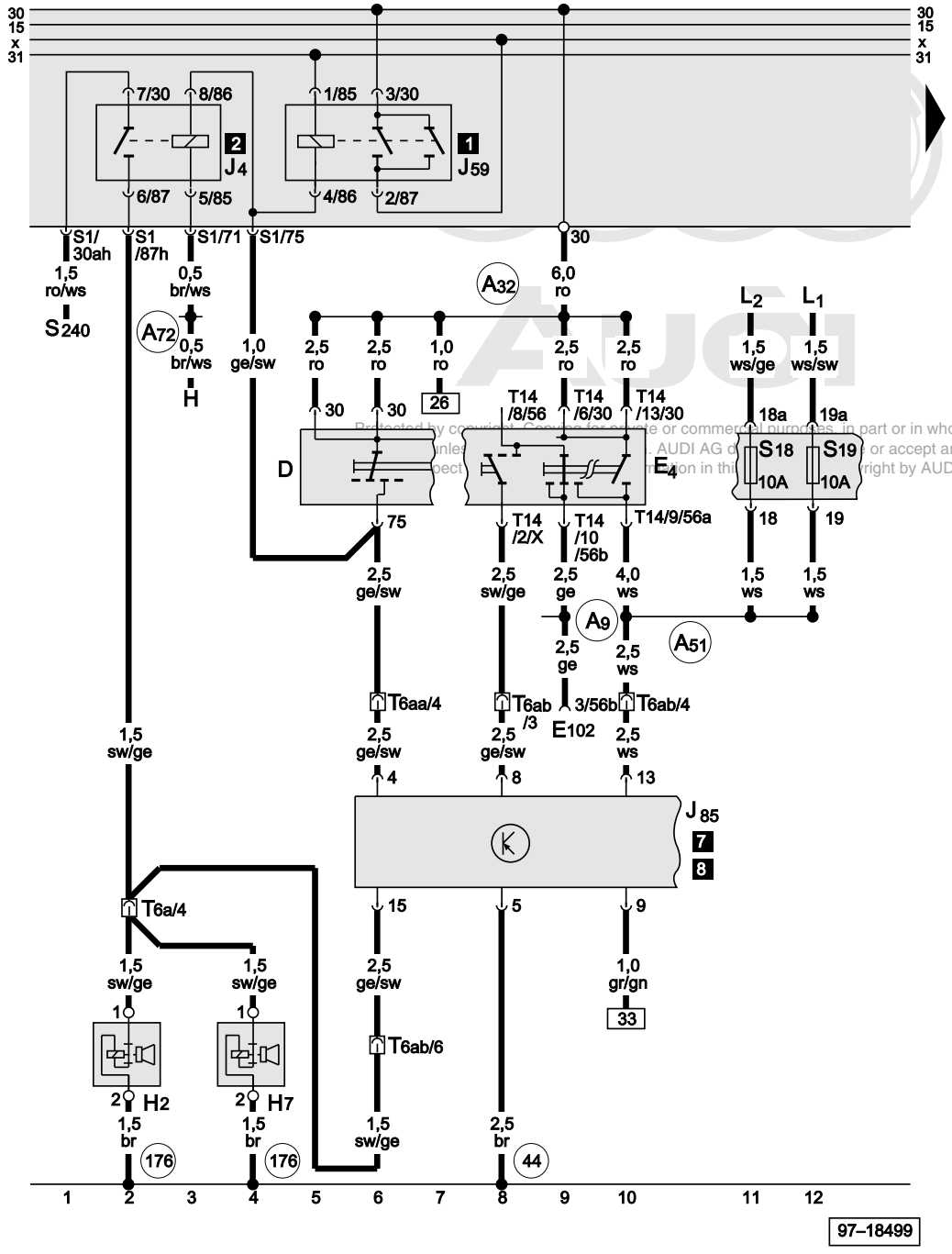
Central electrics - front side:



Position of relays:

1 – X contact relief relay
2 – Horn relay

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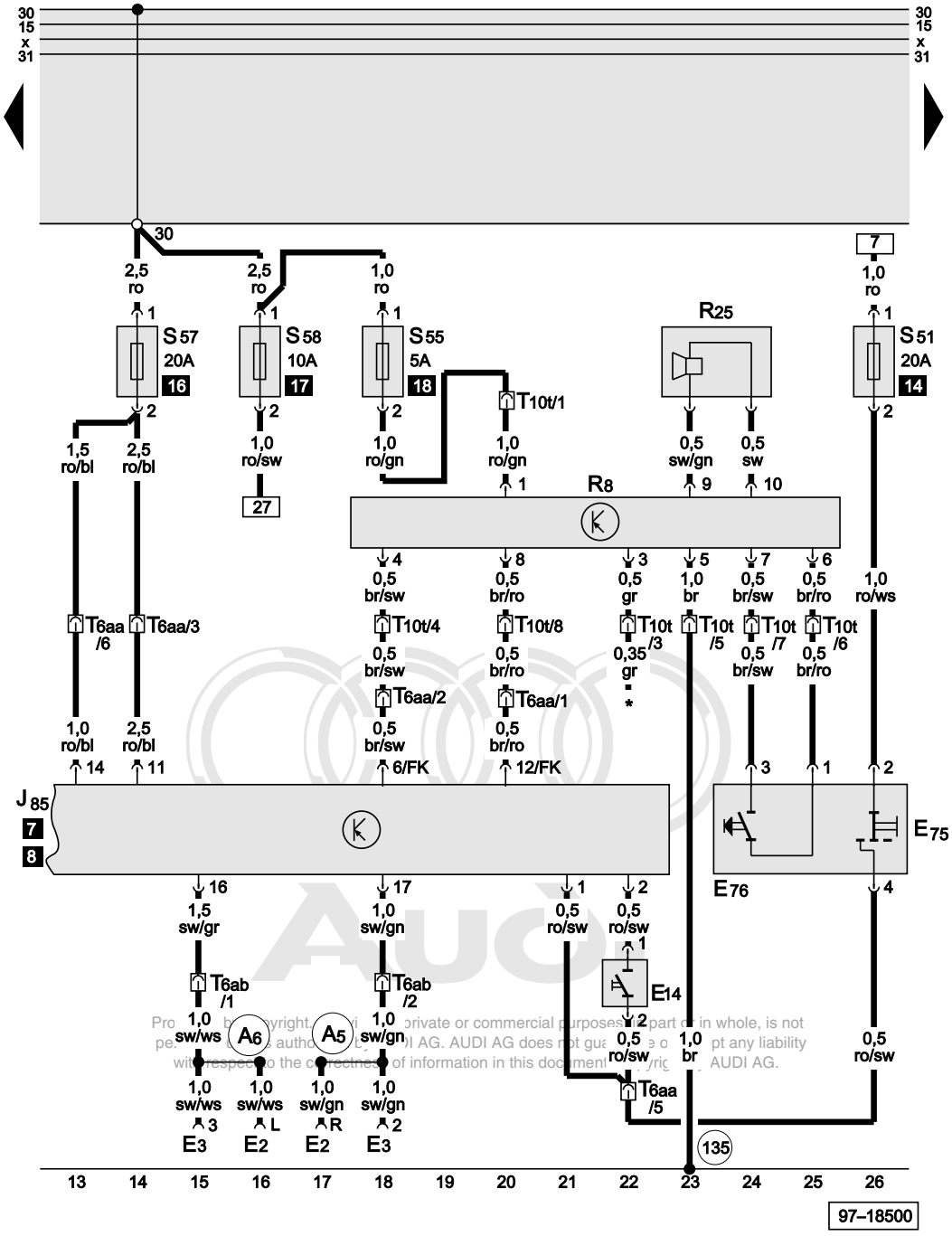


Taxi

D	Ignition/starter switch
E4	Headlight dipper/flasher switch
E102	Headlight range control adjuster
H	Horn plate
H2	High tone horn
H7	Low tone horn
J4	Dual tone horn relay
J59	X contact relief relay
J85	Alarm system control unit
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
T6a	6-pin connector, red, right connector point, A pillar
T6aa	6-pin connector, dark brown, right connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T14	14-pin connector, black, at steering column switch
44	Earth point, lower part of left A-pillar
176	Earth connection, in right headlight wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Connection (56), in dash panel wiring harness
A72	Connection (71), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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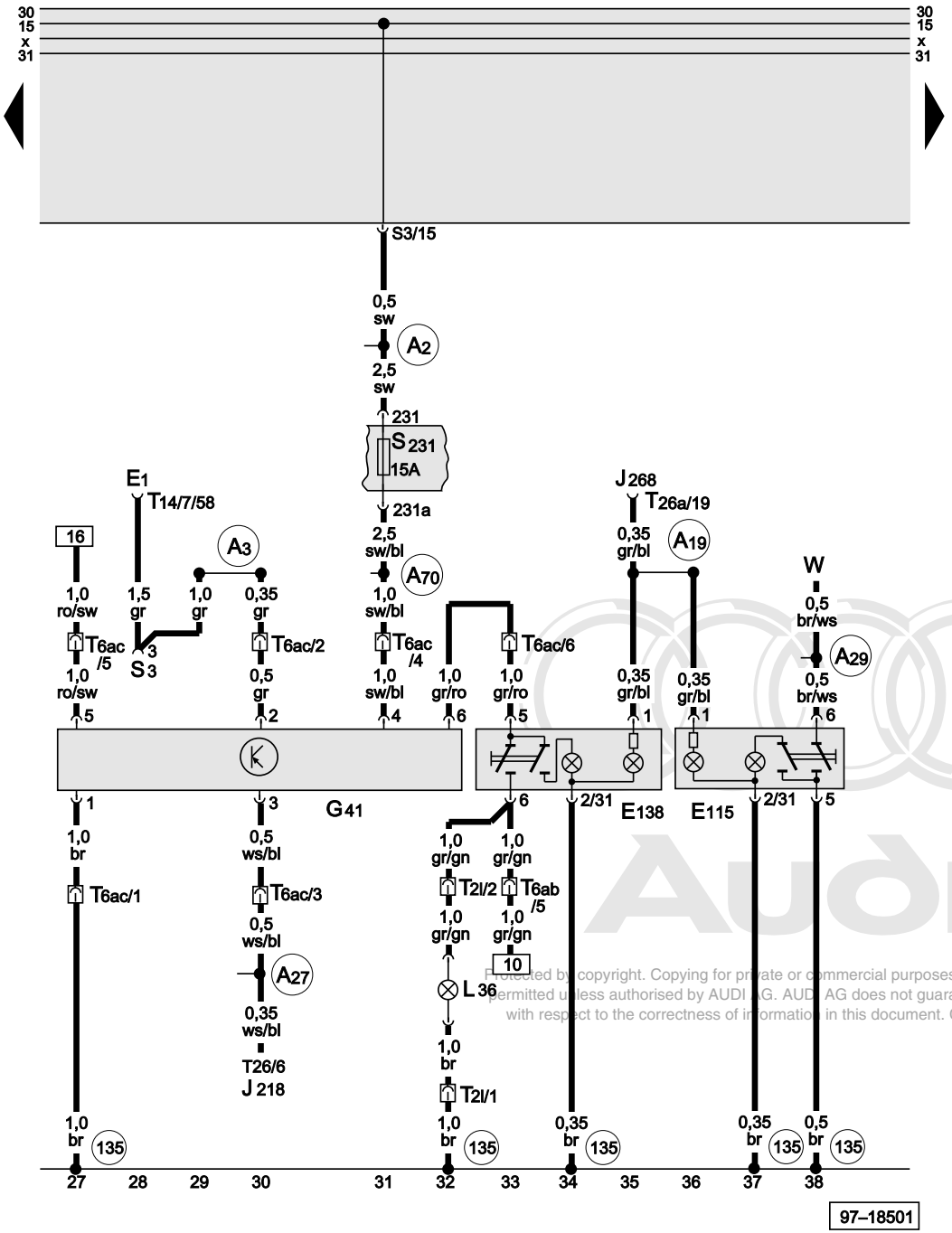


Taxi

E2	Turn signal switch
E3	Hazard warning light switch
E14	Continuous horn operating switch
E75	Alarm system switch
E76	Two-way radio button
J85	Alarm system control unit
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
R8	Two-way radio
R25	Two-way radio loudspeaker
S51	Fuse (alarm system)
S55	Two-way radio fuse
S57	Alarm system fuse
S58	Taxi roof sign bulb fuse
T6aa	6-pin connector, dark brown, right connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T10t	10-pin connector, yellow, near fuse carrier
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
*	Radio muting

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Taxi

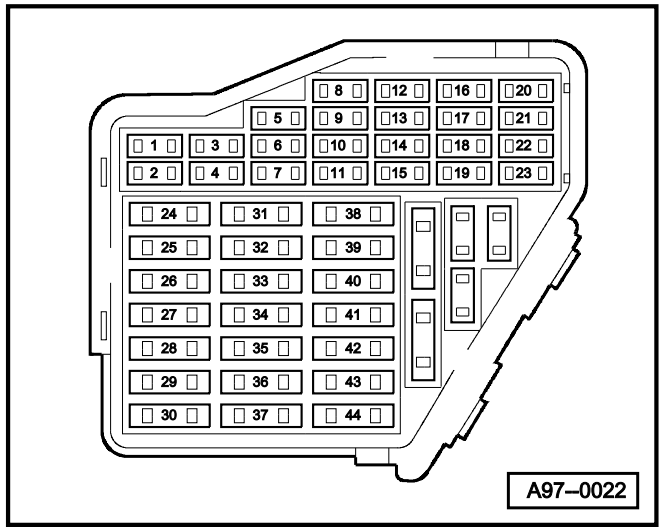
E1	Lighting switch
E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J218	Combi-processor in dash panel insert
L36	Rear fog light bulb, left
T2l	2-pin connector, yellow, left connector point, A pillar
T6ab	6-pin connector, violet, right connector point, A pillar
T6ac	6-pin connector, yellow, behind the centre console
T14	14-pin connector, black, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
W	Interior light, front
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Trailer coupling with auto-check system, Audi Avant

From model year 1997

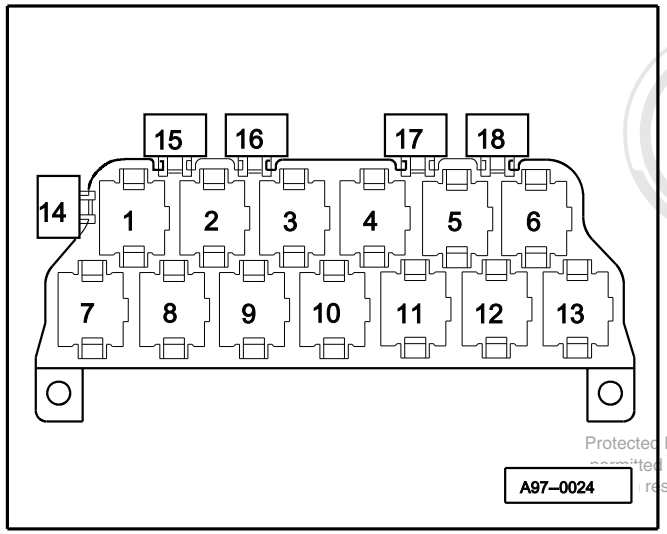
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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13-point relay carrier:



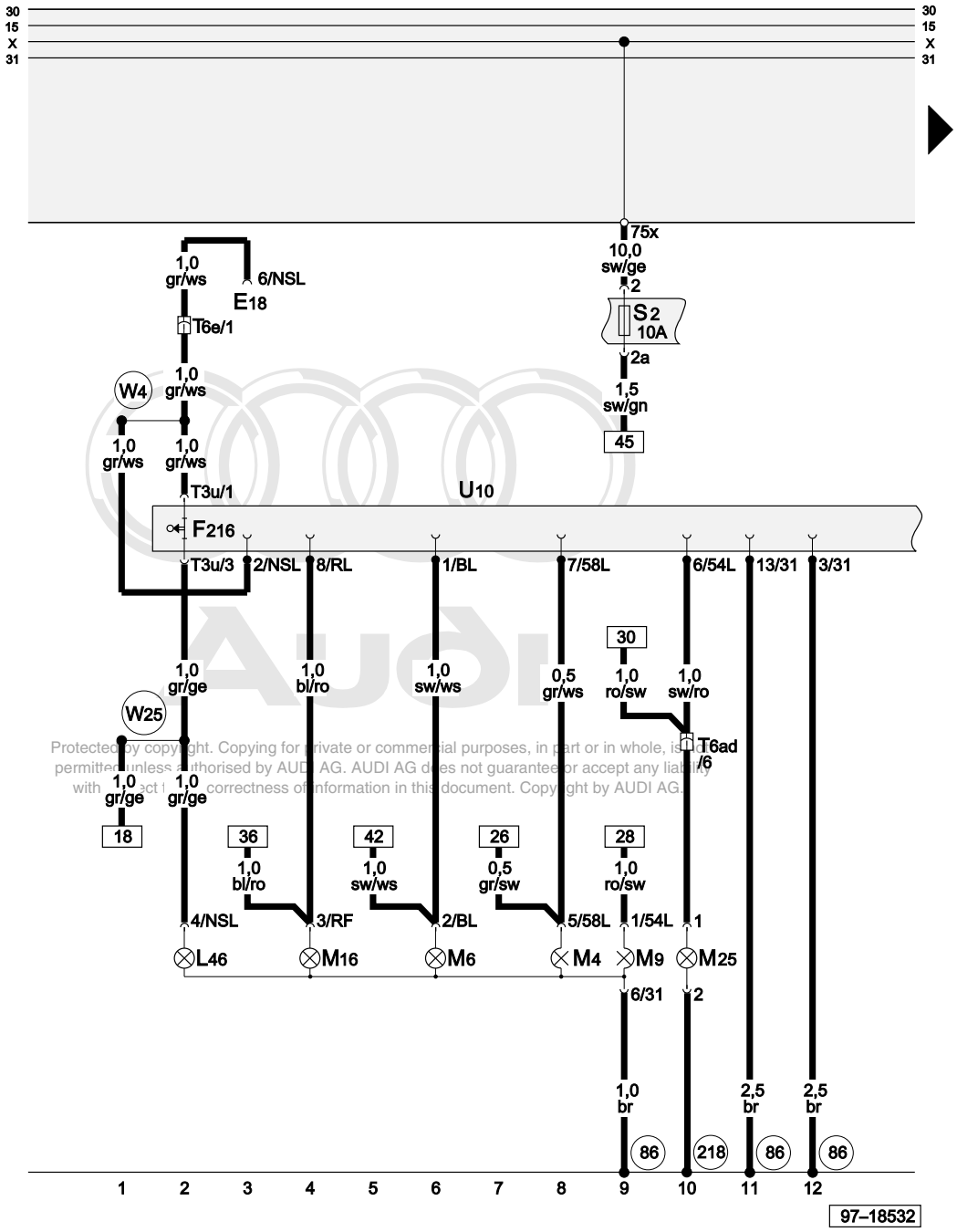
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Position of relays:

4 - Bulb monitoring control unit
5 - Bulb monitoring control unit
13 - Starter inhibitor and reversing light relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

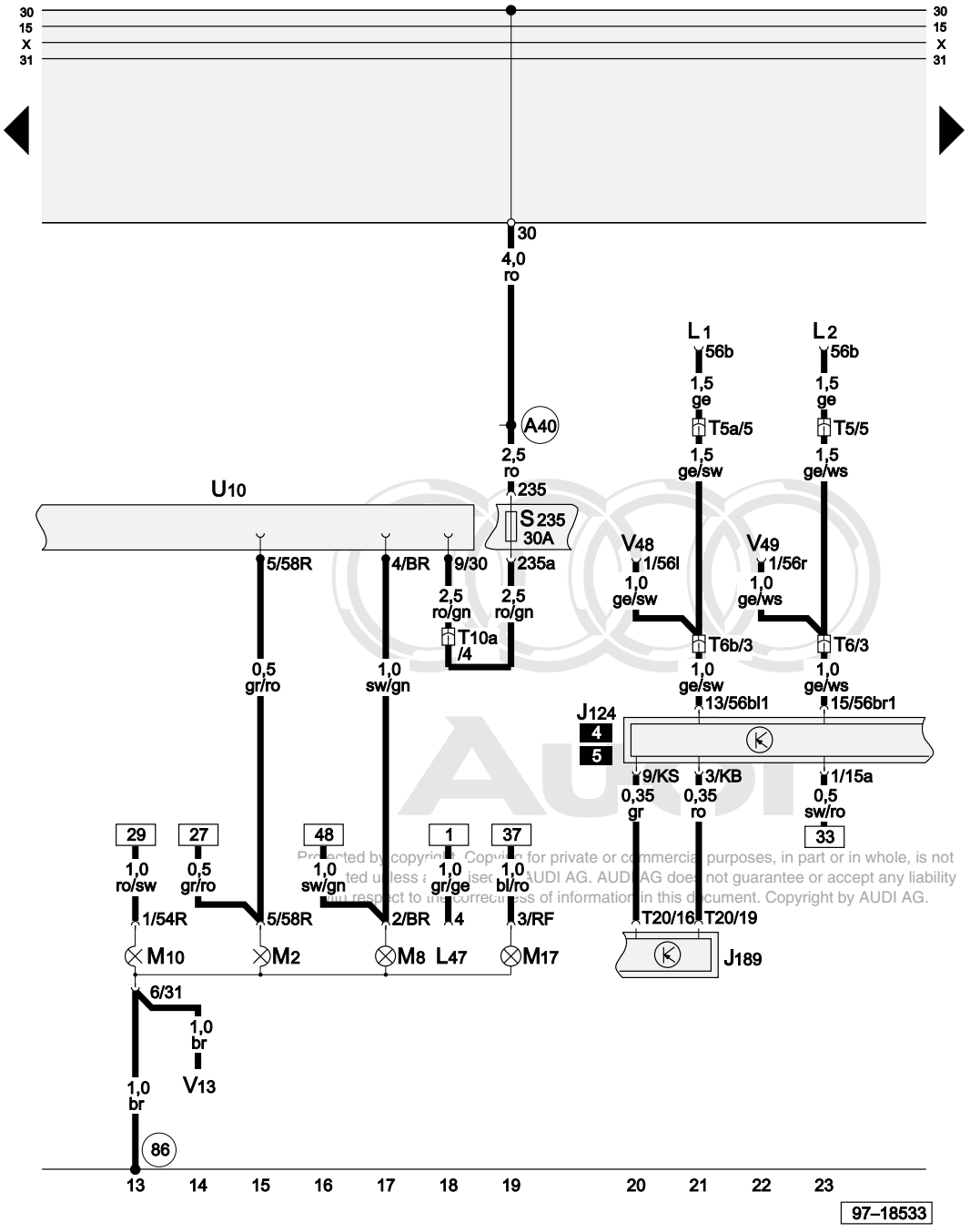


Trailer coupling with auto-check system, Audi Avant

E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, on rear left luggage compartment
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/bootlid wiring harness
A43	Connection (57L), in dash panel wiring harness
W4	Connection -1- (rear fog light), in rear wiring harness
W25	Connection -2- (rear fog light), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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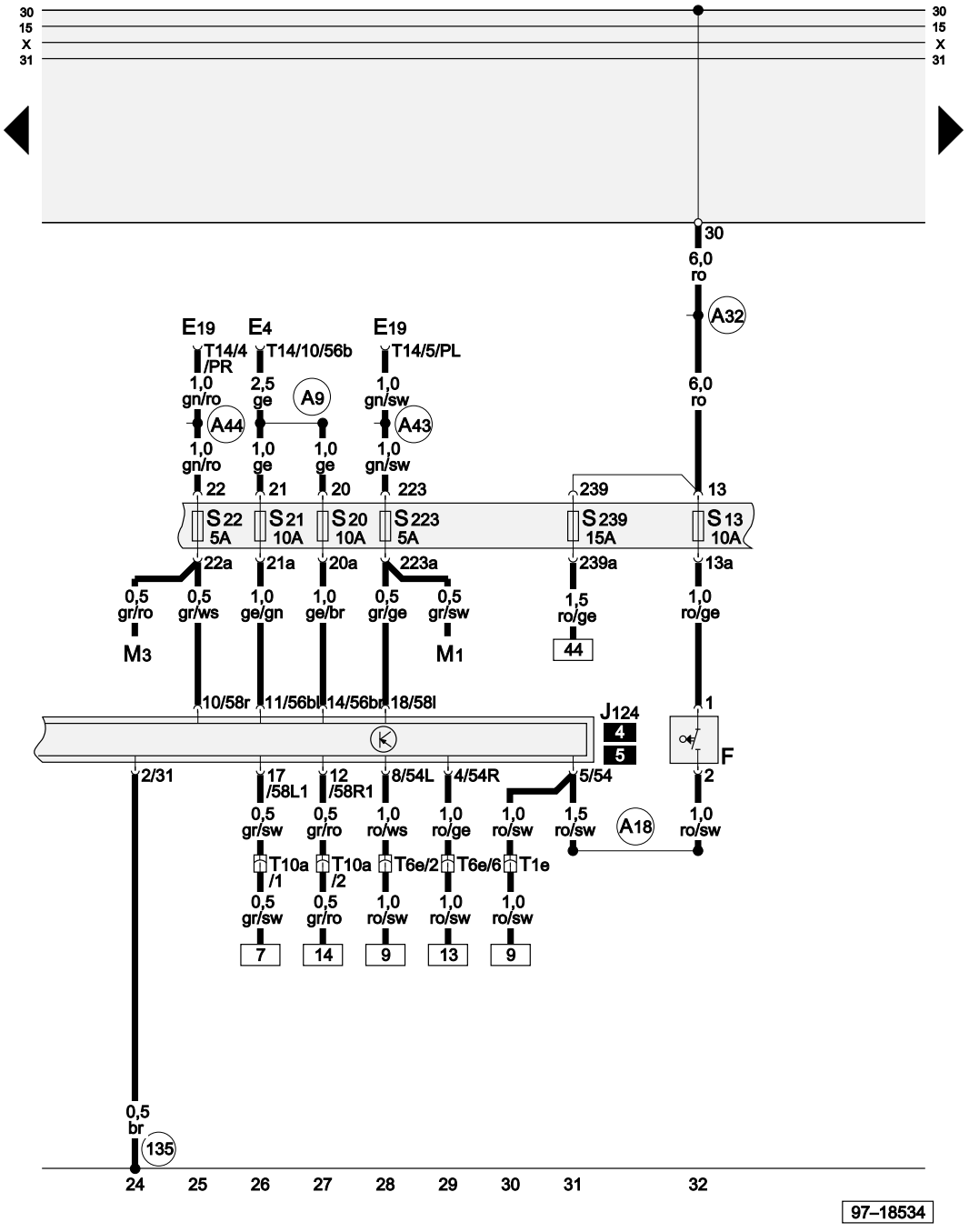


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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling with auto-check system, Audi Avant

J124	Bulb monitoring device
J189	Auto-check system
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T5	5-pin connector, headlight, right
T5a	5-pin connector, headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, red, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T20	20-pin connector, red/white, on dash panel insert
U10	Trailer socket
V13	Rear window washer pump
V48	Headlight range control motor, left
V49	Headlight range control motor, right
86	Earth connection -1-, in rear wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness

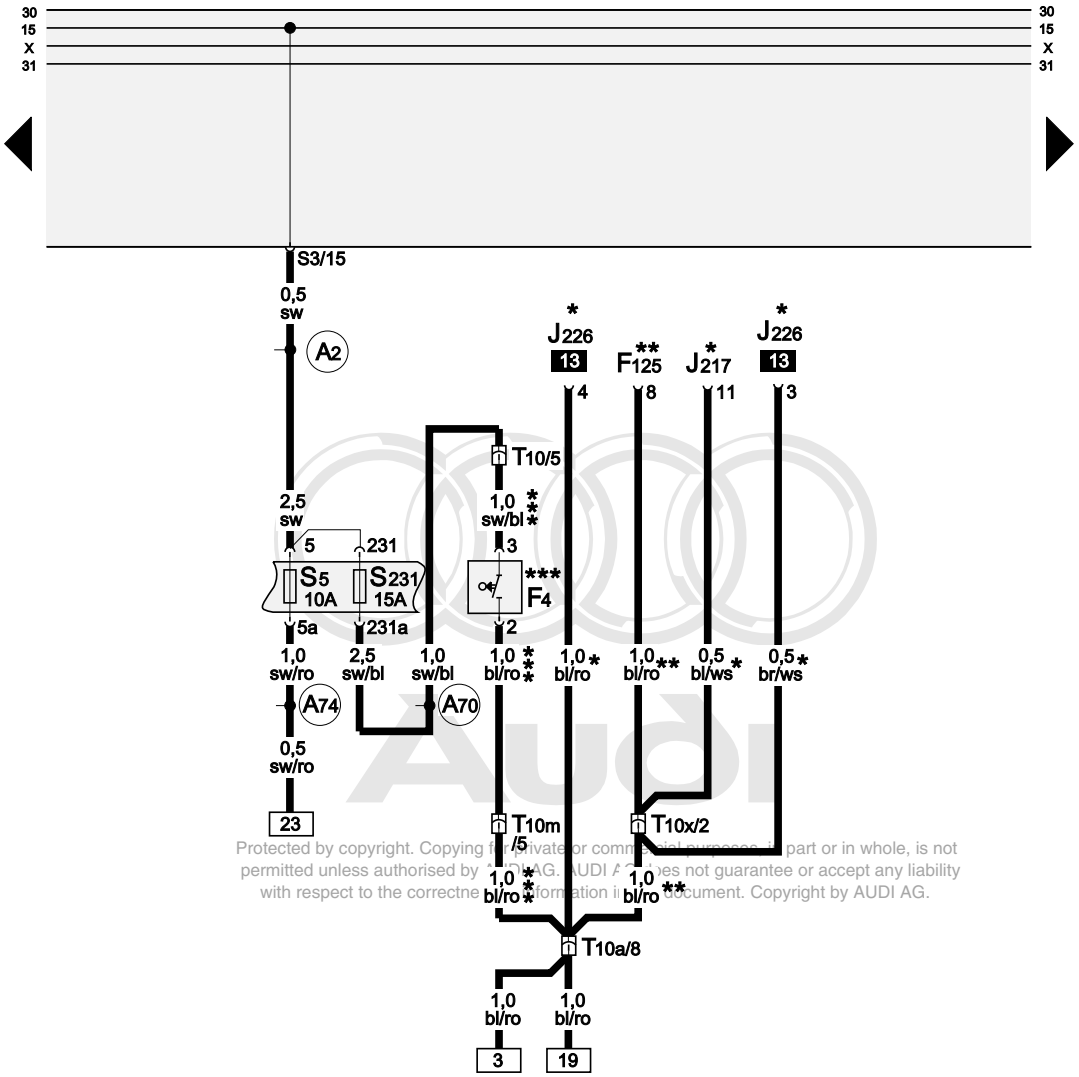


Trailer coupling with auto-check system, Audi Avant

E4	Headlight dipper/flasher switch
E19	Parking light switch
F	Brake light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
T1e	1-pin connector, black, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
135	Earth connection -2-, in dash panel wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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br	=	brown
gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

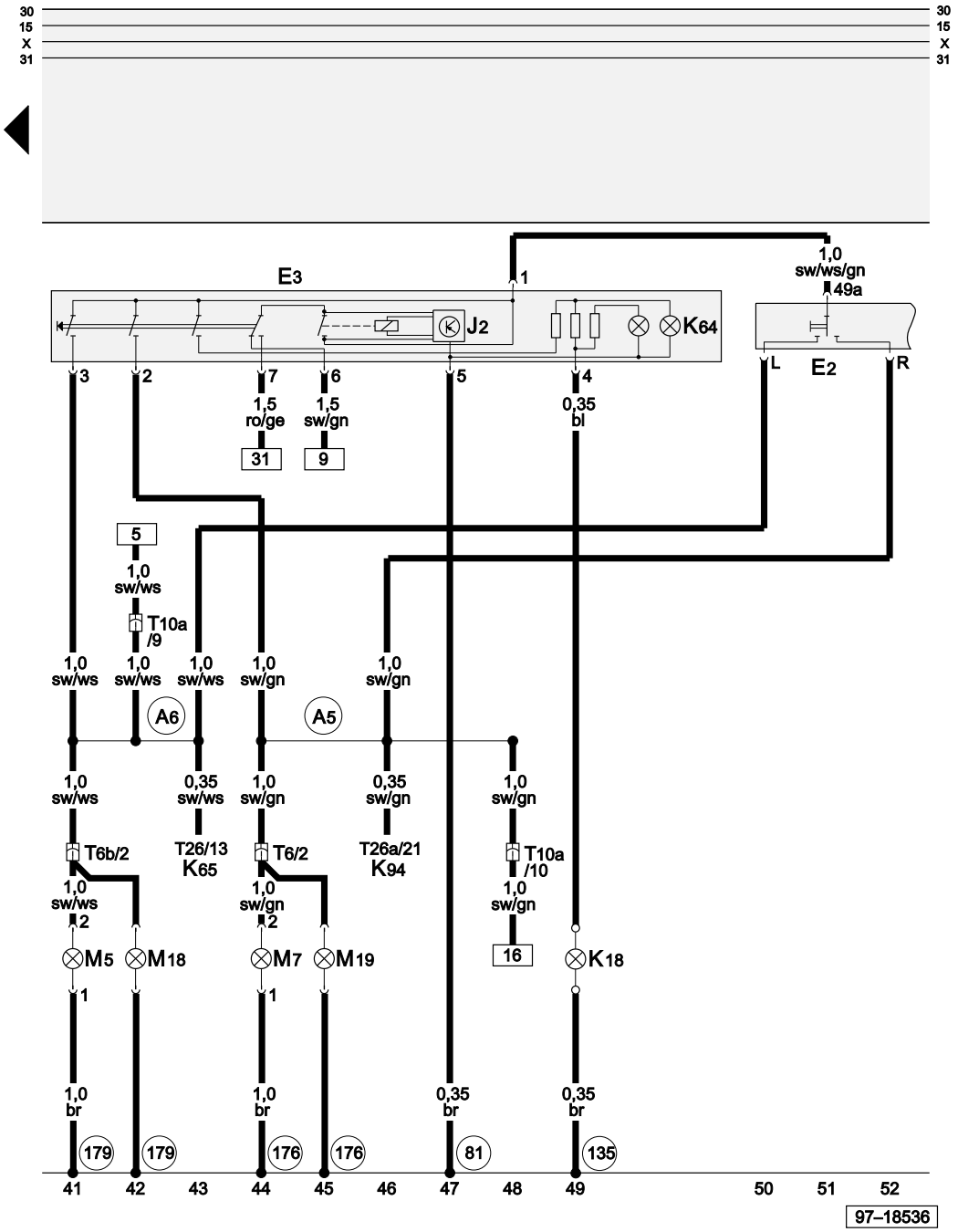


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Trailer coupling with auto-check system, Audi Avant

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, brown, right connector point, A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink



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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling with auto-check system, Audi Avant

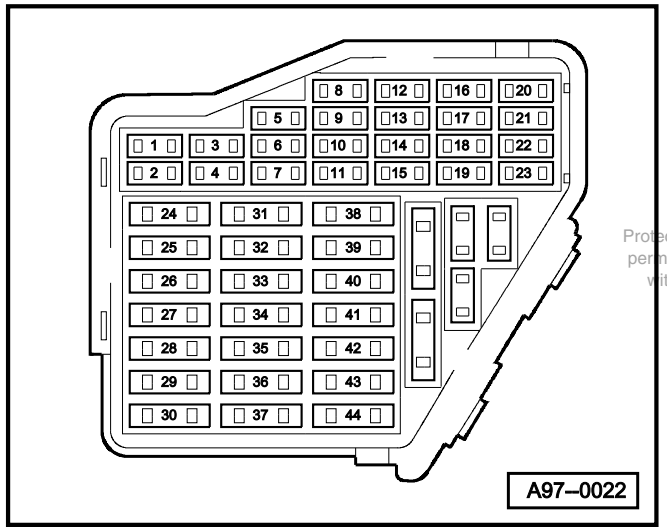
E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness

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Trailer coupling, Audi Avant

From model year 1997

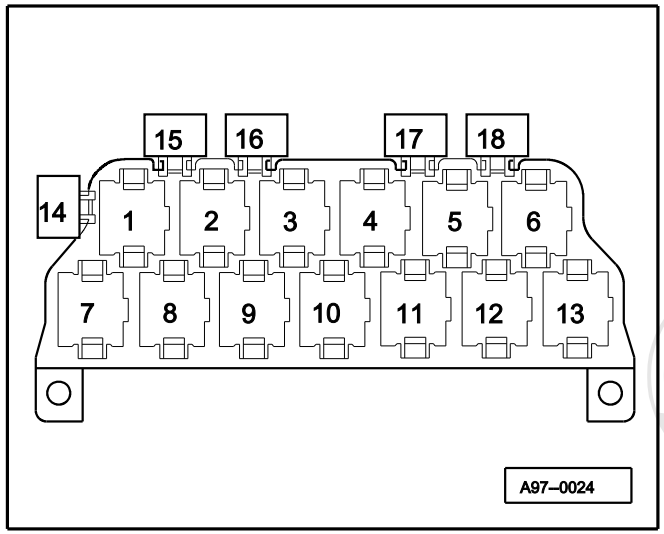
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

13-point relay carrier:



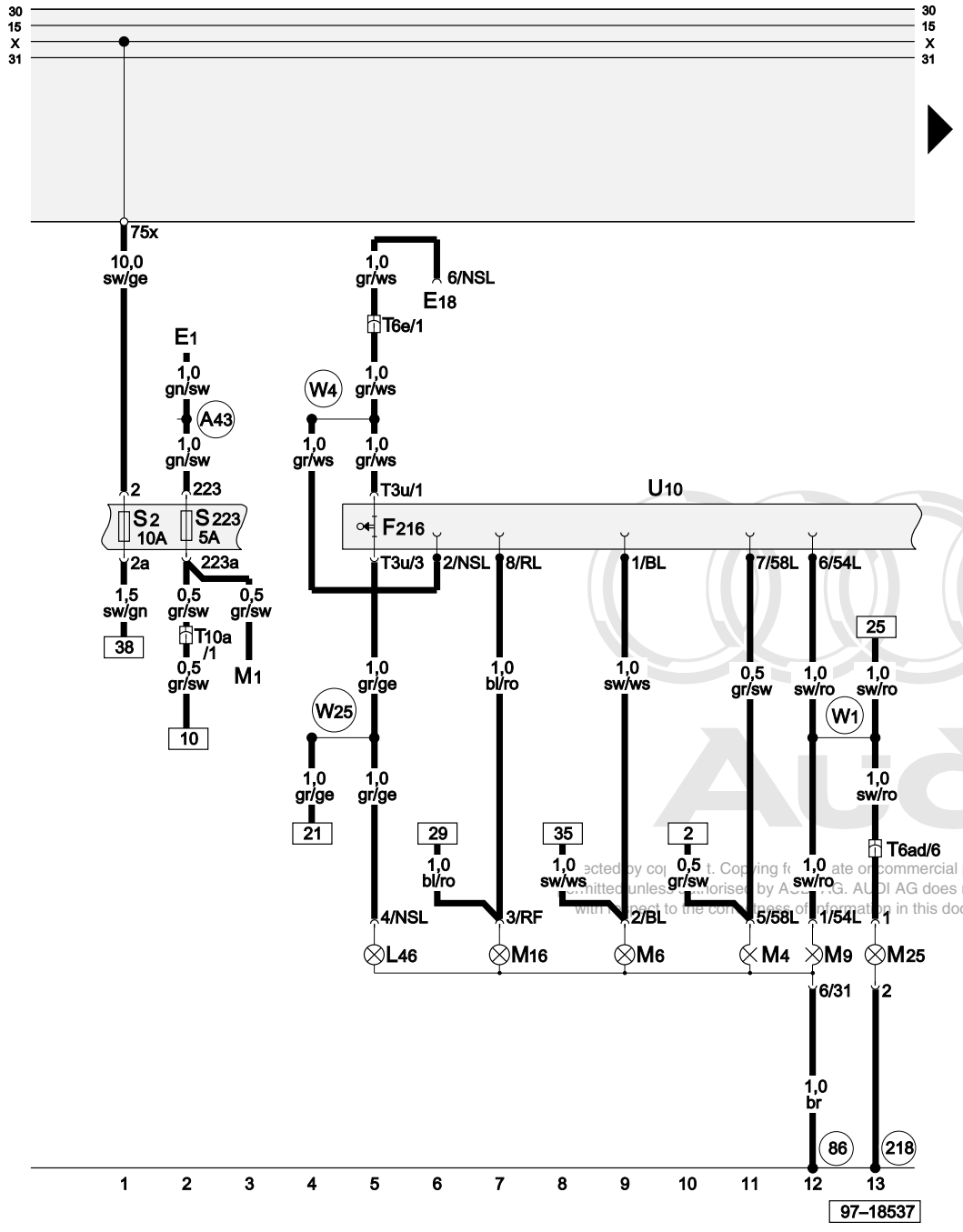
Position of relays:

13 - Starter inhibitor and reversing light relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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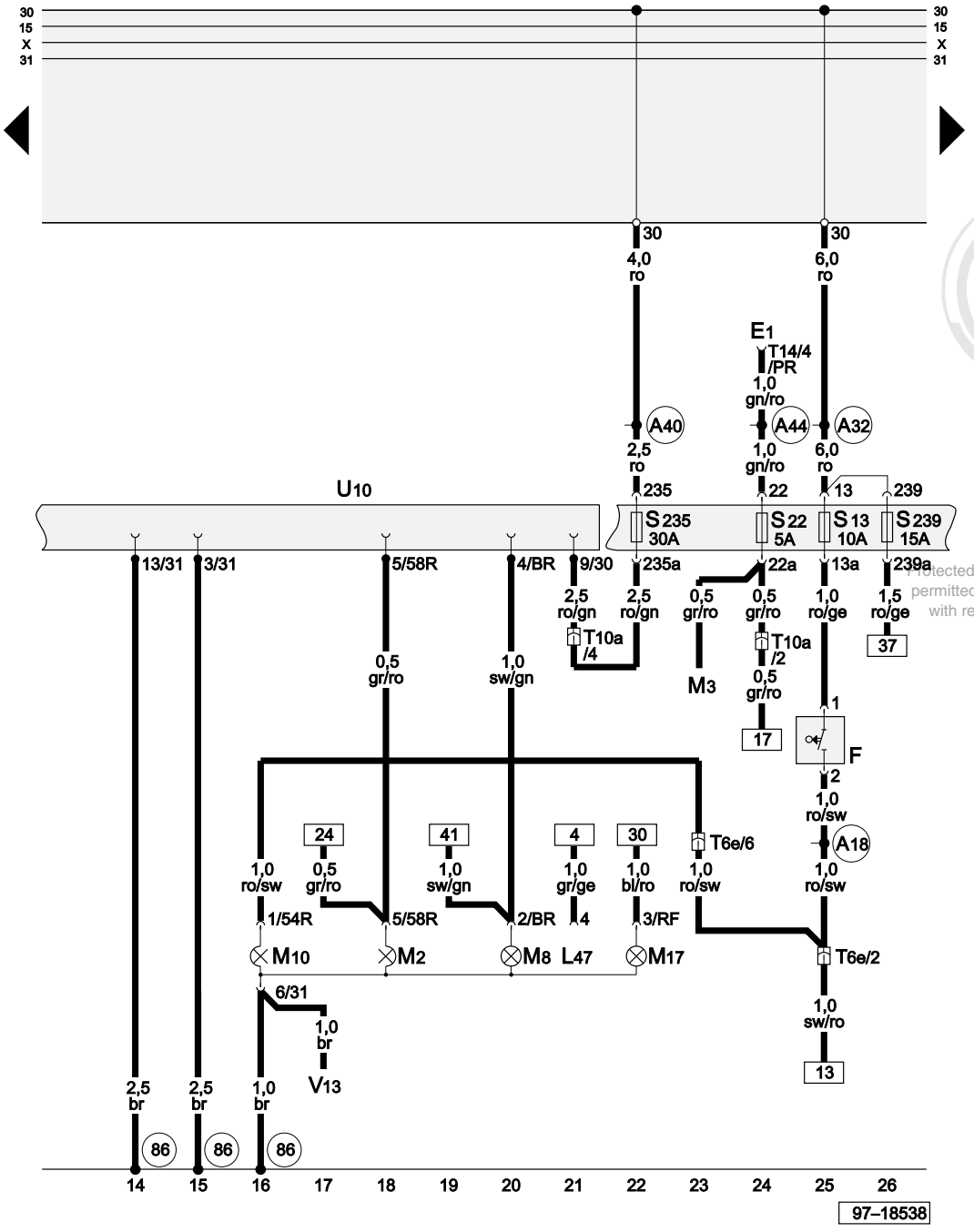


Trailer coupling, Audi Avant

E1	Lighting switch
E18	Rear fog light switch
F216	Rear fog light cut-out, contact switch
L46	Rear fog light bulb, left
M1	Side light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
M25	High level brake light bulb
T3u	3-pin connector, on trailer socket for trailer operation
T6e	6-pin connector, blue, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T10a	10-pin connector, brown, left connector point, A pillar
U10	Trailer socket
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/bootlid wiring harness
A43	Connection (57L), in dash panel wiring harness
W1	Positive (+) connection (54), in rear wiring harness
W4	Connection -1- (rear fog light), in rear wiring harness
W25	Connection -2- (rear fog light), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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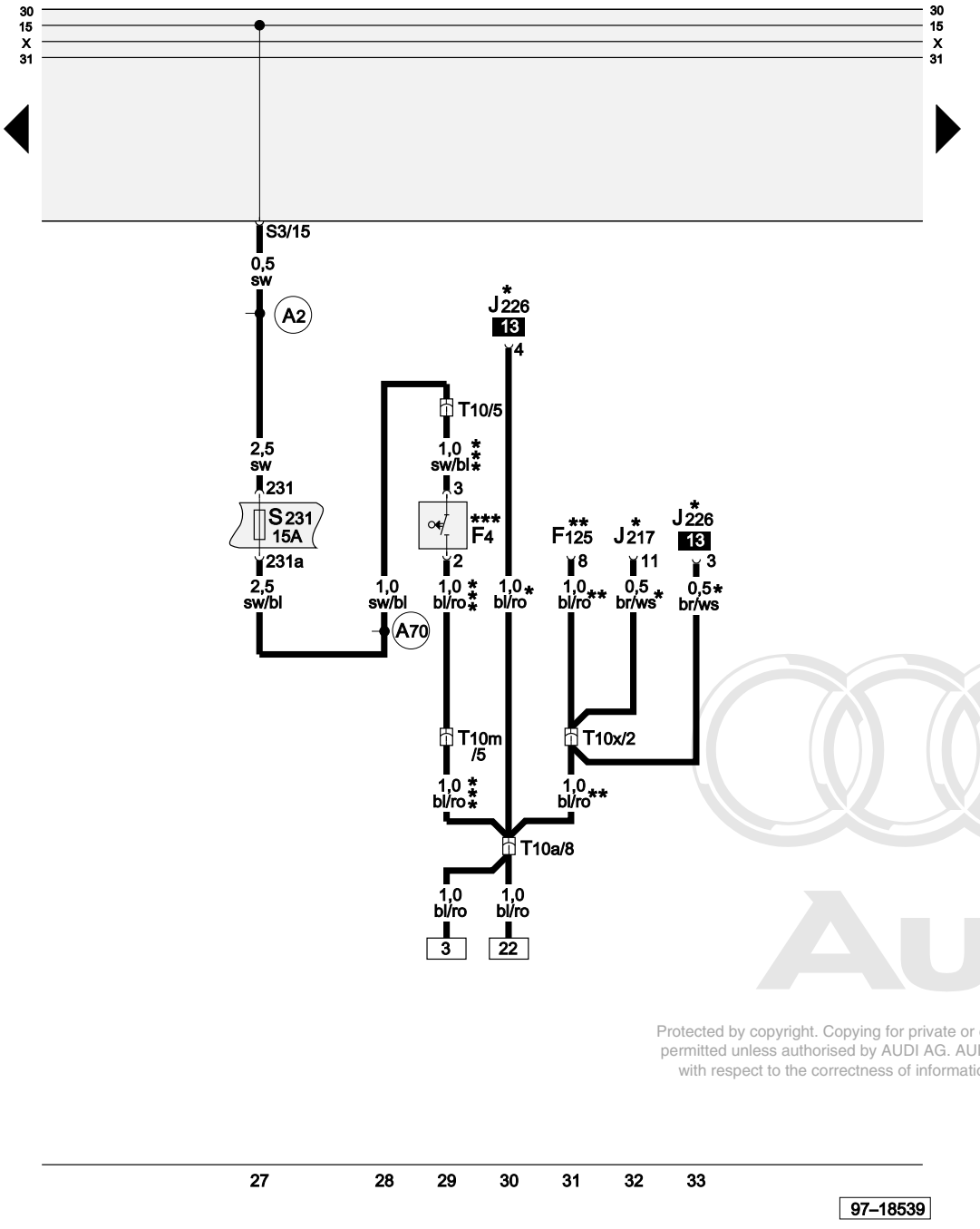


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Trailer coupling, Audi Avant

E1	Lighting switch
F	Brake light switch
L47	Rear fog light bulb, right
M2	Tail light bulb, right
M3	Side light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
T6e	6-pin connector, blue, left connector point, A pillar
T10a	6-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
U10	Trailer socket
V13	Rear window washer pump
86	Earth connection -1-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness

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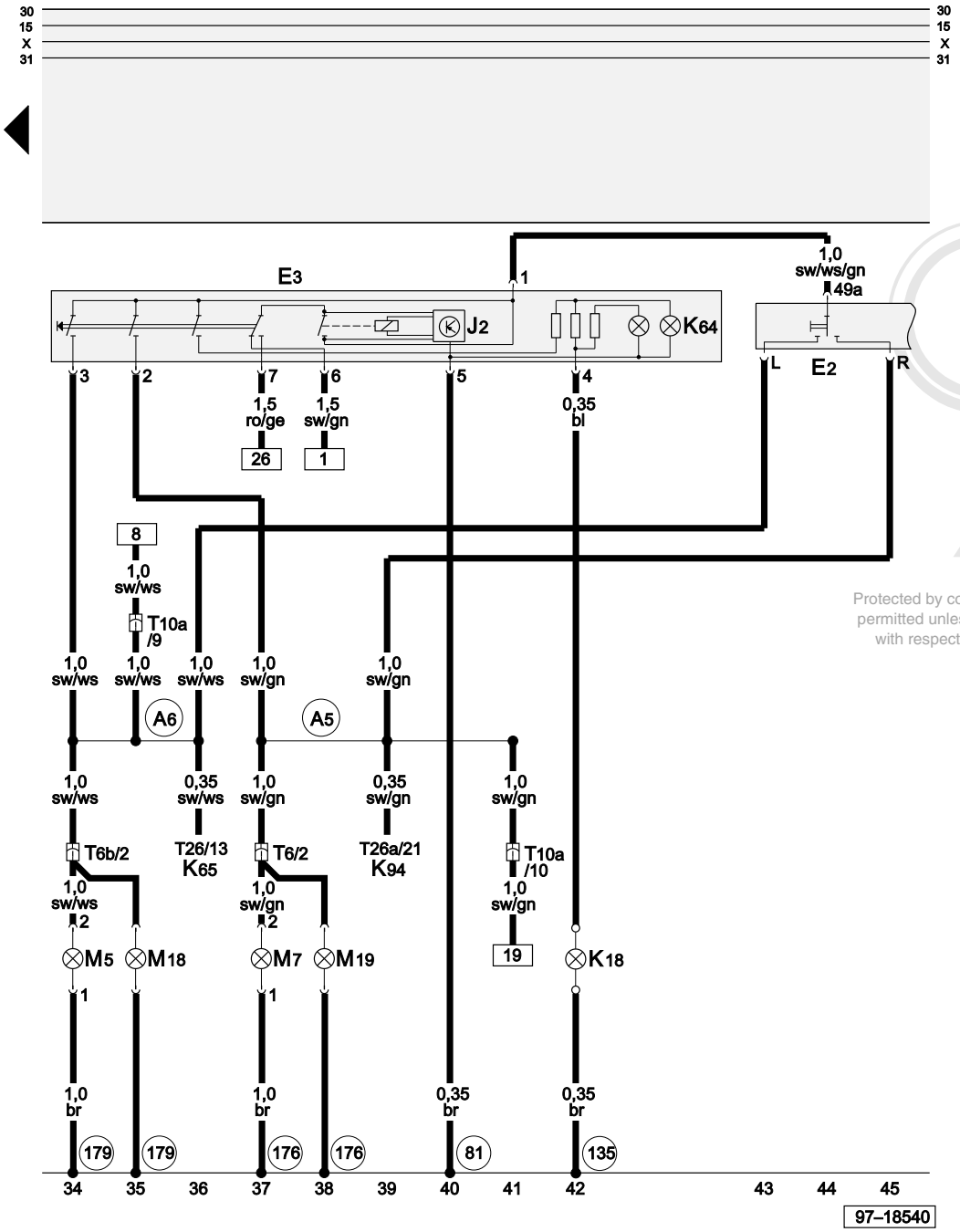


Trailer coupling, Audi Avant

F4	Reversing light switch
F125	Multi-function switch
J217	Automatic gearbox control unit
J226	Starter inhibitor and reversing light relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10x	10-pin connector, brown, right connector point, A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only models with four-speed automatic gearbox
**	Only models with five-speed automatic gearbox
***	Only models with manual gearbox

ws = white
sw = black
ro = red
br = brown
gn = green
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ge = yellow
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Trailer coupling, Audi Avant

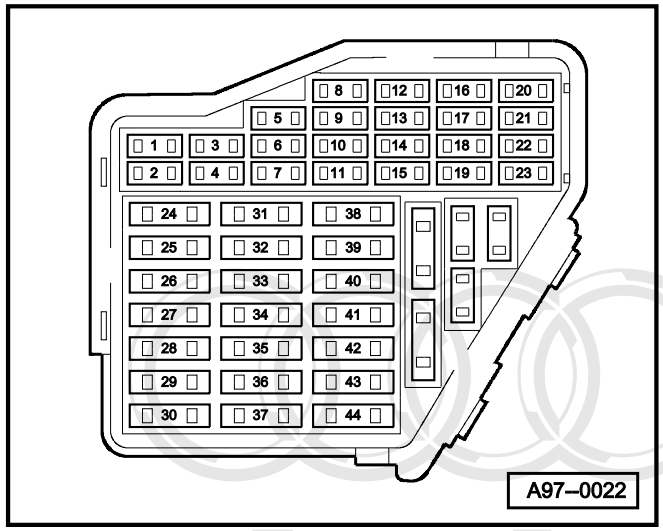
E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
K18	Trailer operation warning lamp
K64	Hazard warning light system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (left turn signal), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Ambient temperature and selector lever position indicator

From model year 1997

Fuse box:

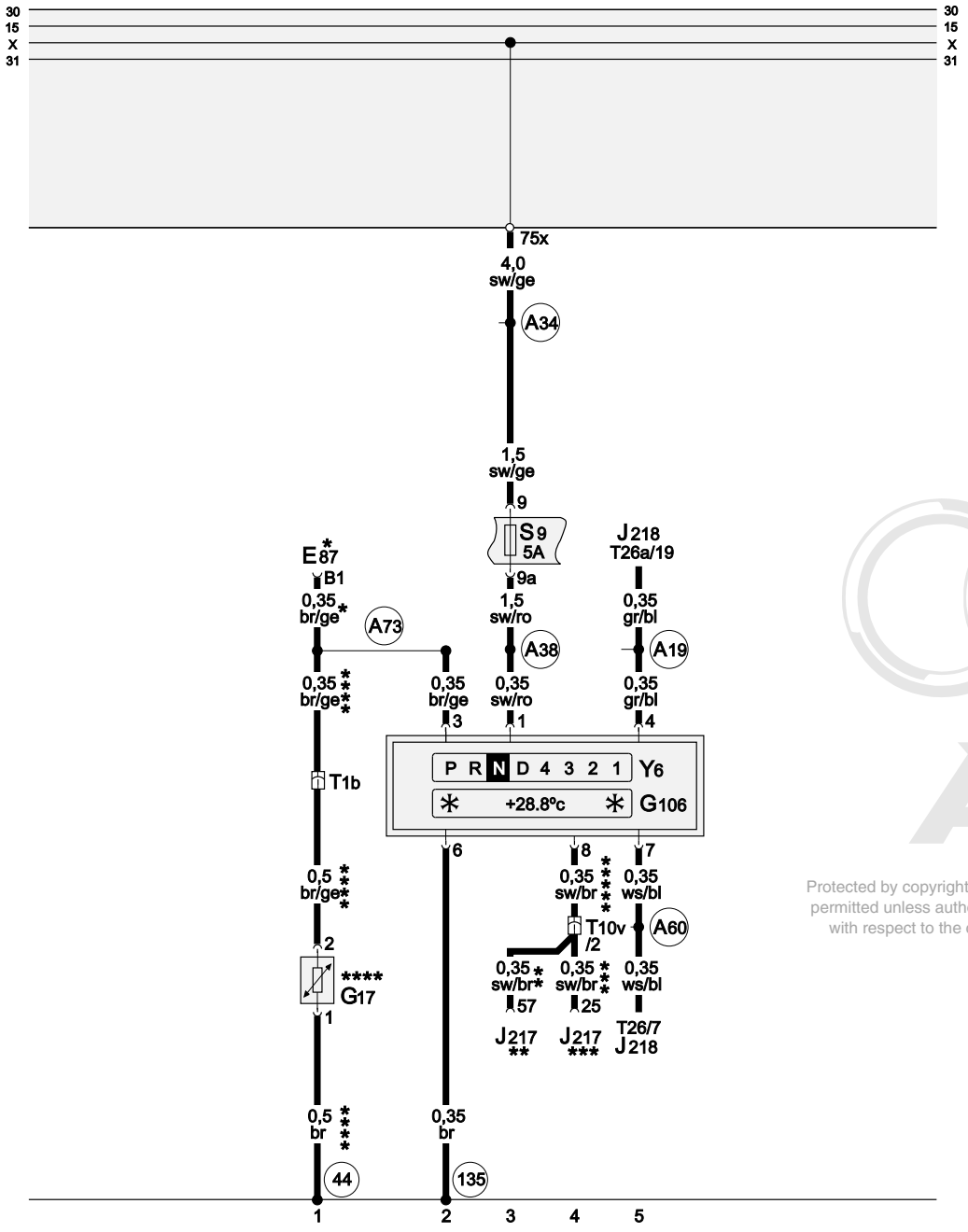


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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Ambient temperature and selector lever position indicator

E87	Control and display unit for air conditioner
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
T1b	1-pin connector, brown, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
Y6	Selector lever position indicator
44	Earth point, lower part of left A-pillar
135	Earth connection -2- in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A38	Positive (+) connection (58a II), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
*	Only models with automatic air conditioner
**	Only models with four-speed automatic gearbox
***	Only models with five-speed automatic gearbox
****	Does not apply to models with automatic air conditioner
*****	Only models with automatic gearbox

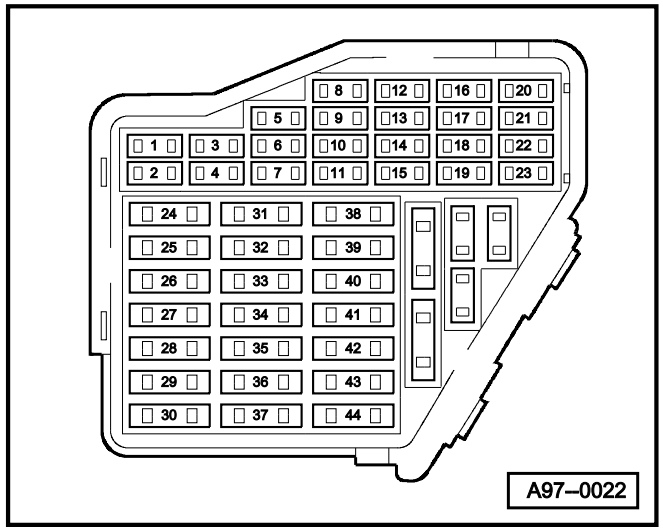
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or	=	orange
rs	=	pink

Mobile phone

From model year 1997

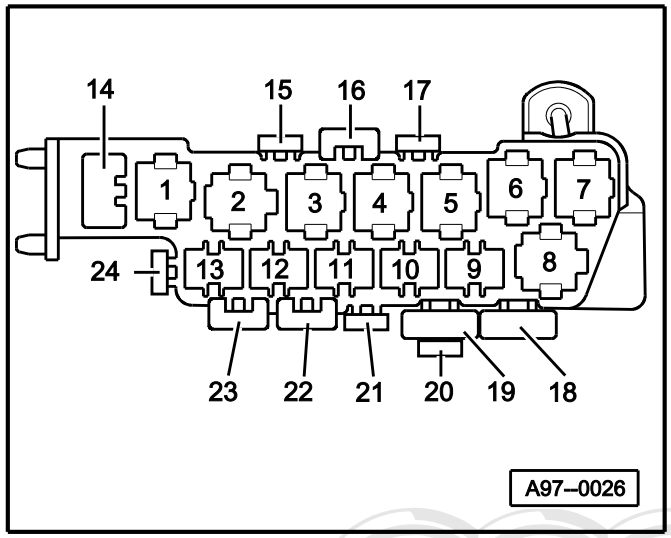
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



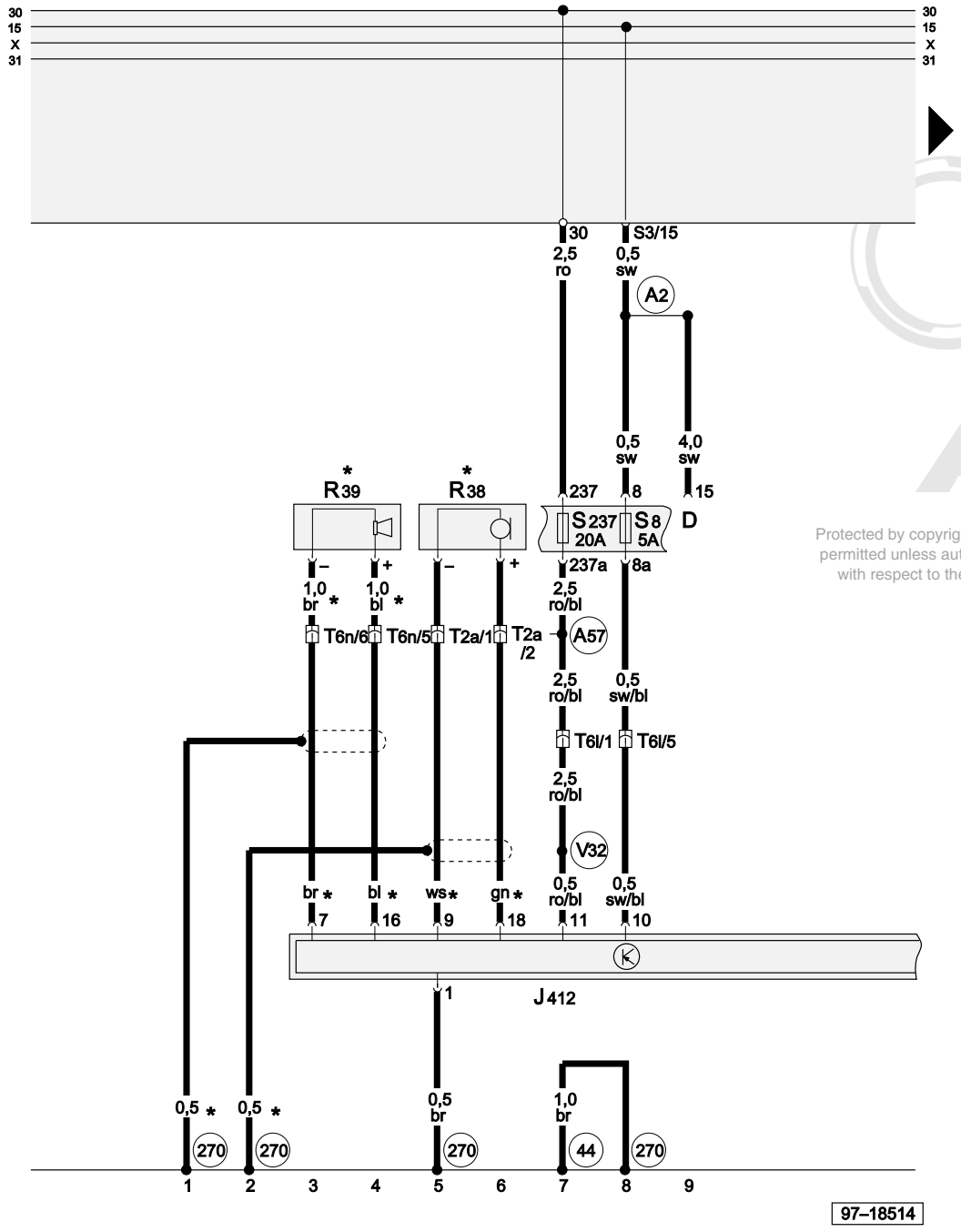
Position of relays:

7 - Telephone isolation relay

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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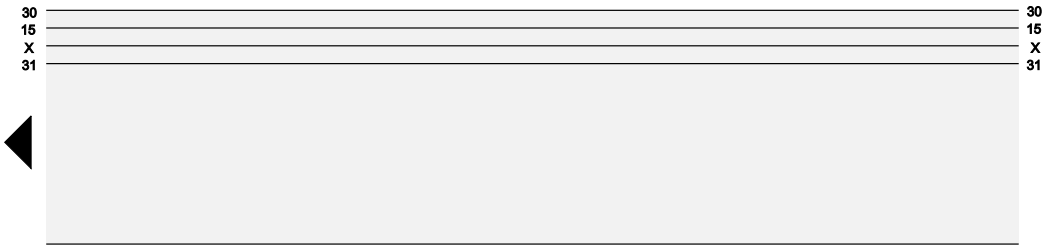


ws = white
sw = black
ro = red
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Mobile phone

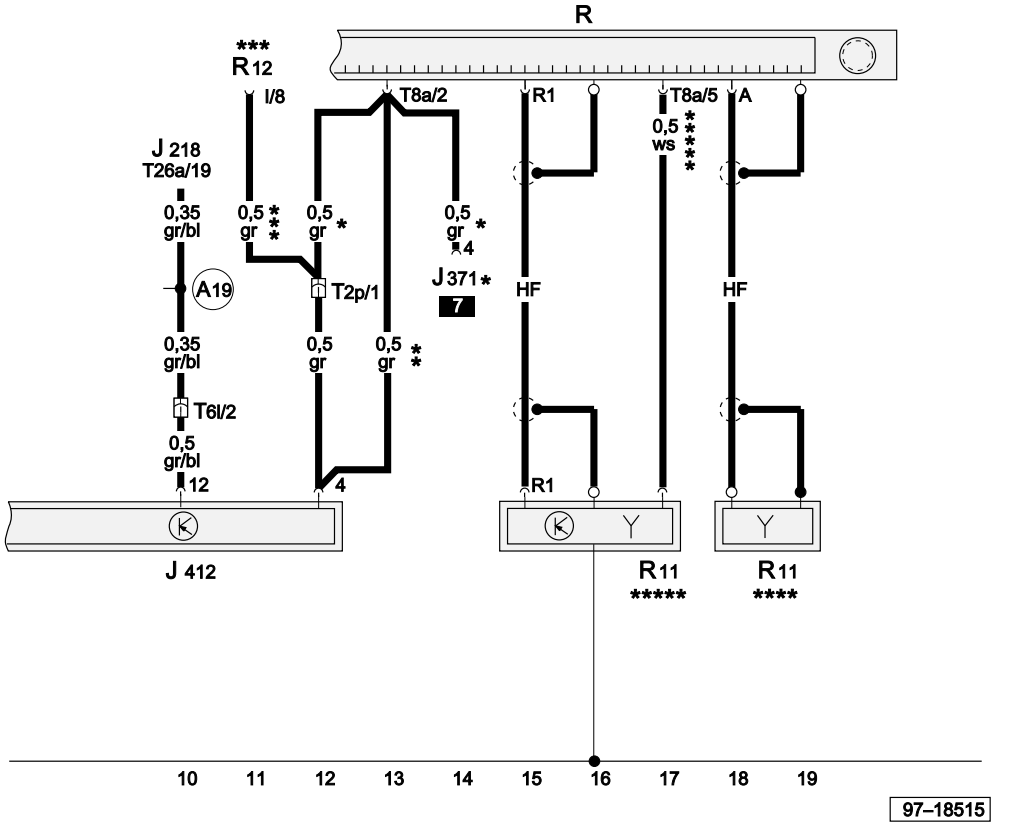
D	Ignition/starter switch
J412	Operating electronics control unit, telephone
R38	Telephone microphone
R39	Loudspeaker for telephone
T2a	2-pin connector, at A pillar, left
T6l	6-pin connector, brown, in centre console
T6n	6-pin connector, yellow, at A pillar, left
44	Earth point, lower part of left A-pillar
270	Earth connection, in telephone wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
V32	Positive (+) connection (30), in telephone wiring harness
*	Does not apply to provision for mobile phone

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Mobile phone

J218	Combi-processor in dash panel insert
J371	Telephone isolation relay
J412	Operating electronics control unit, telephone
R	Radio
R11	Aerial
R12	Amplifier
T2p	2-pin connector, on radio
T6l	6-pin connector, brown, in centre console
T8a	8-pin connector, black, on radio
T26a	26-pin connector, blue, on dash panel insert
A19	Connection (58d), in dash panel insert
*	Does not apply to radio Beta, Audi Avant
**	Applies to all radio versions, saloon models and to radio Beta, Audi Avant
***	Only models with radio Bose sound system, Audi Avant
****	Applies to Audi saloon only
*****	Applies to Audi Avant models only



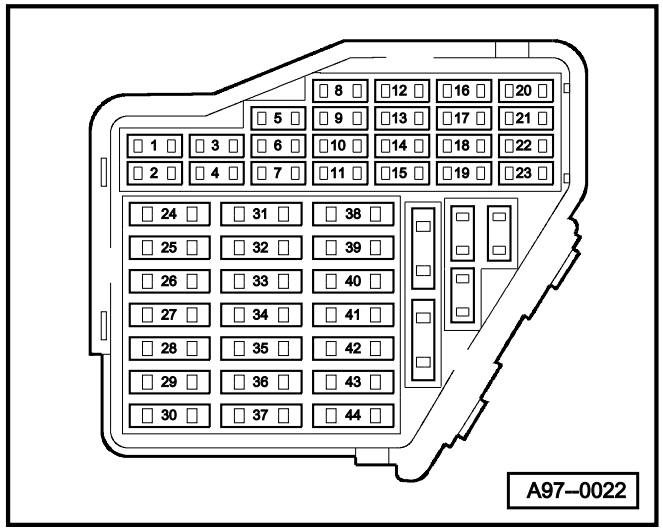
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Anti-lock brake system 5.3 with four-wheel drive

From model year 1997

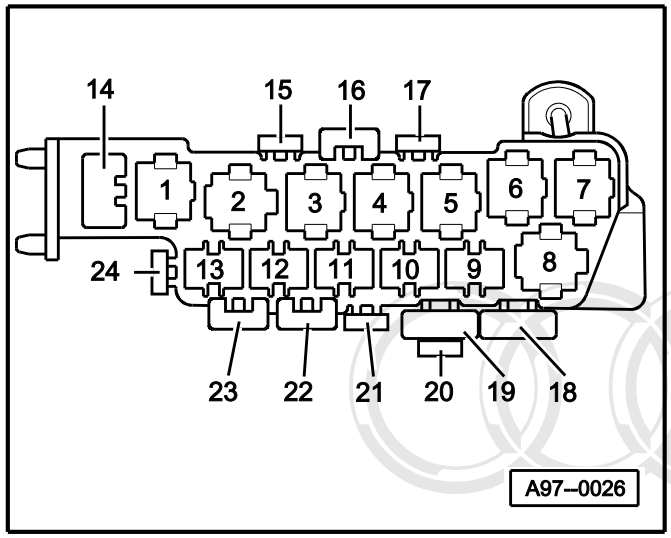
Fuse box:



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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier:



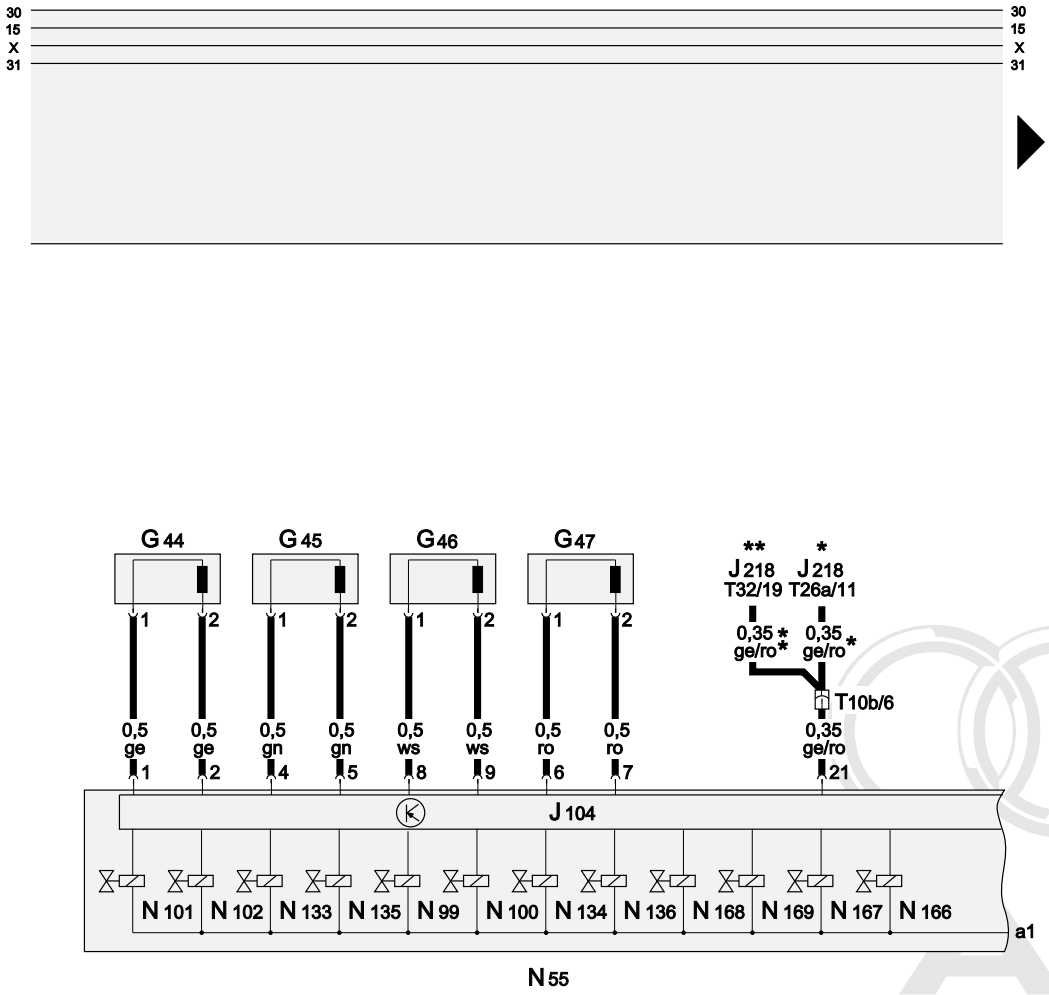
Position of relays:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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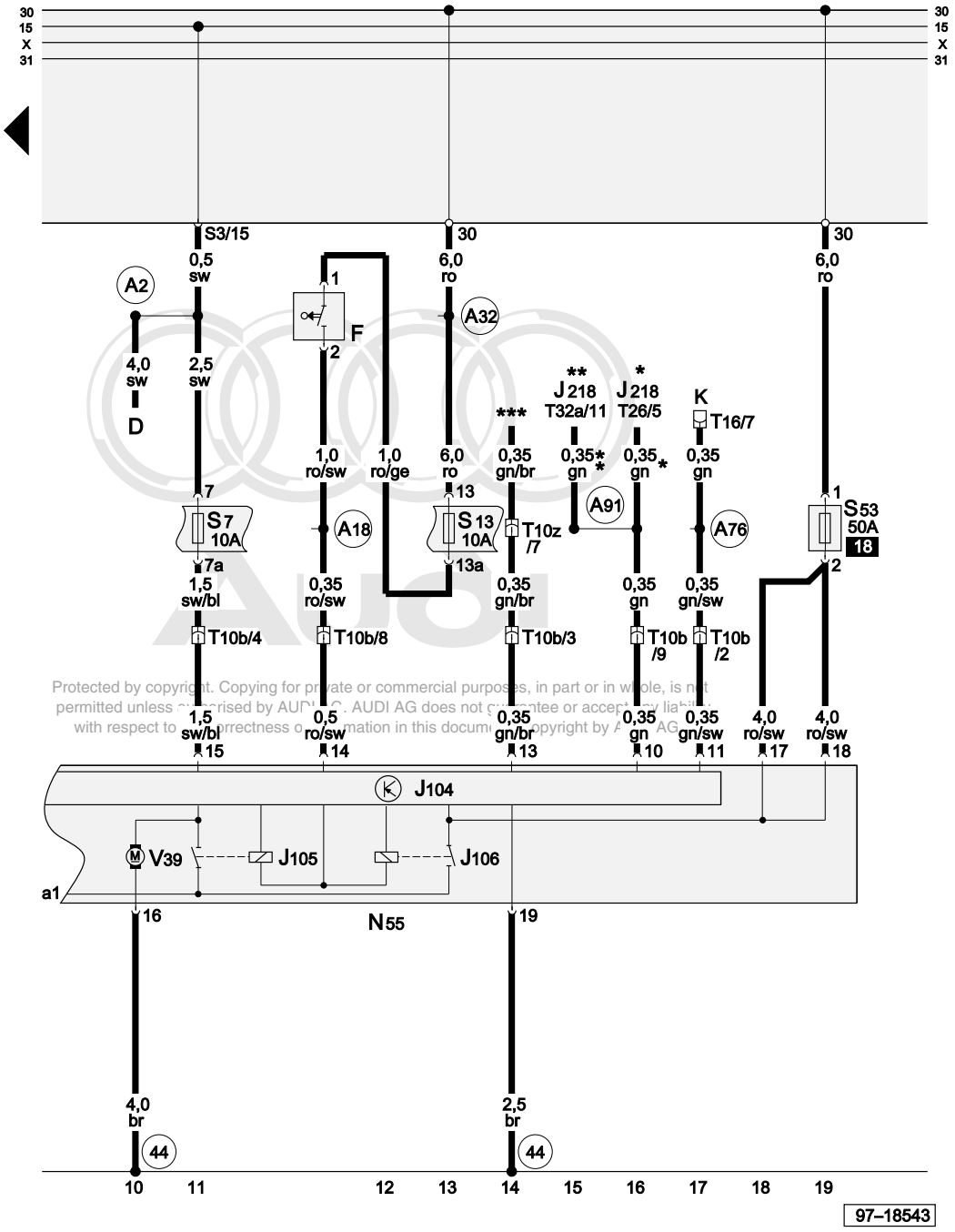


Anti-lock brake system 5.3 with four-wheel drive

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
N166	EDL change-over valve, front right
N167	EDL outlet valve, front right
N168	EDL change-over valve, front left
N169	EDL outlet valve, front left
T10b	10-pin connector, orange, left connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
T32	32-pin connector, blue, on dash panel insert
*	Applicable up to 1997 model year
**	Applicable from model year 1998

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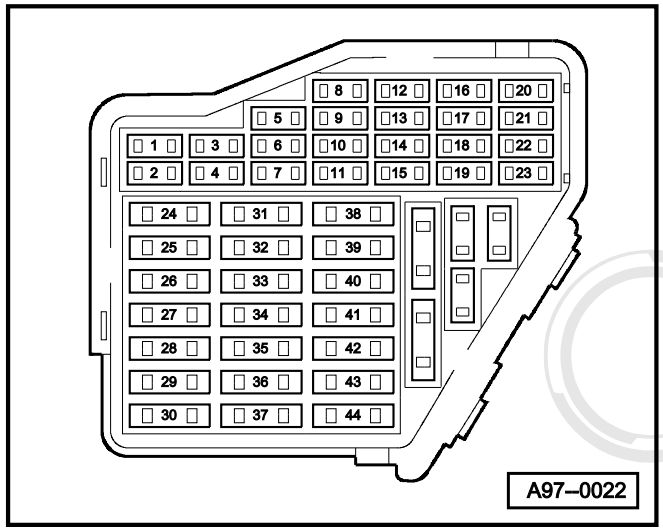
Anti-lock brake system 5.3 with four-wheel drive

D	Ignition/starter switch
F	Brake light switch
J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
J218	Combi-processor in dash panel insert
N55	ABS hydraulic unit
S53	ABS hydraulic pump fuse
T10b	10-pin connector, orange, left connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
T26	26-pin connector, yellow, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
V39	ABS return flow pump
44	Earth point, lower part of left A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A91	Connection (signal for dash panel insert), in dash panel wiring harness
*	Applicable up to 1997 model year only
**	Applicable from model year 1998
***	See applicable engine version

Anti-lock brake system 5.3 with front-wheel drive (ABS, EDL and ASR)

From model year 1997

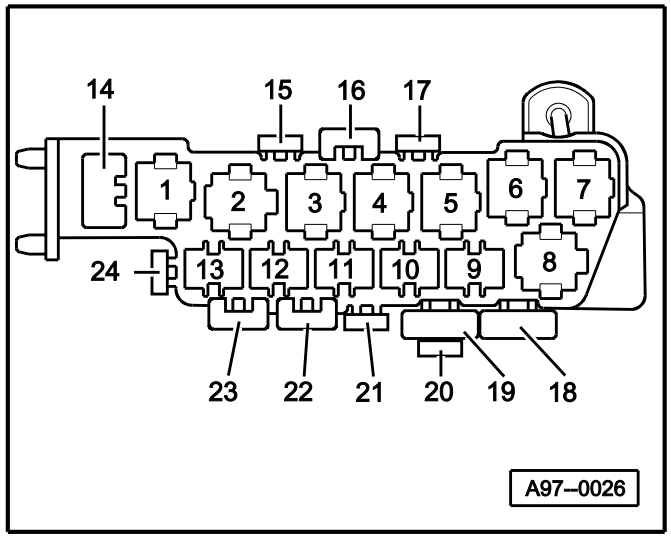
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



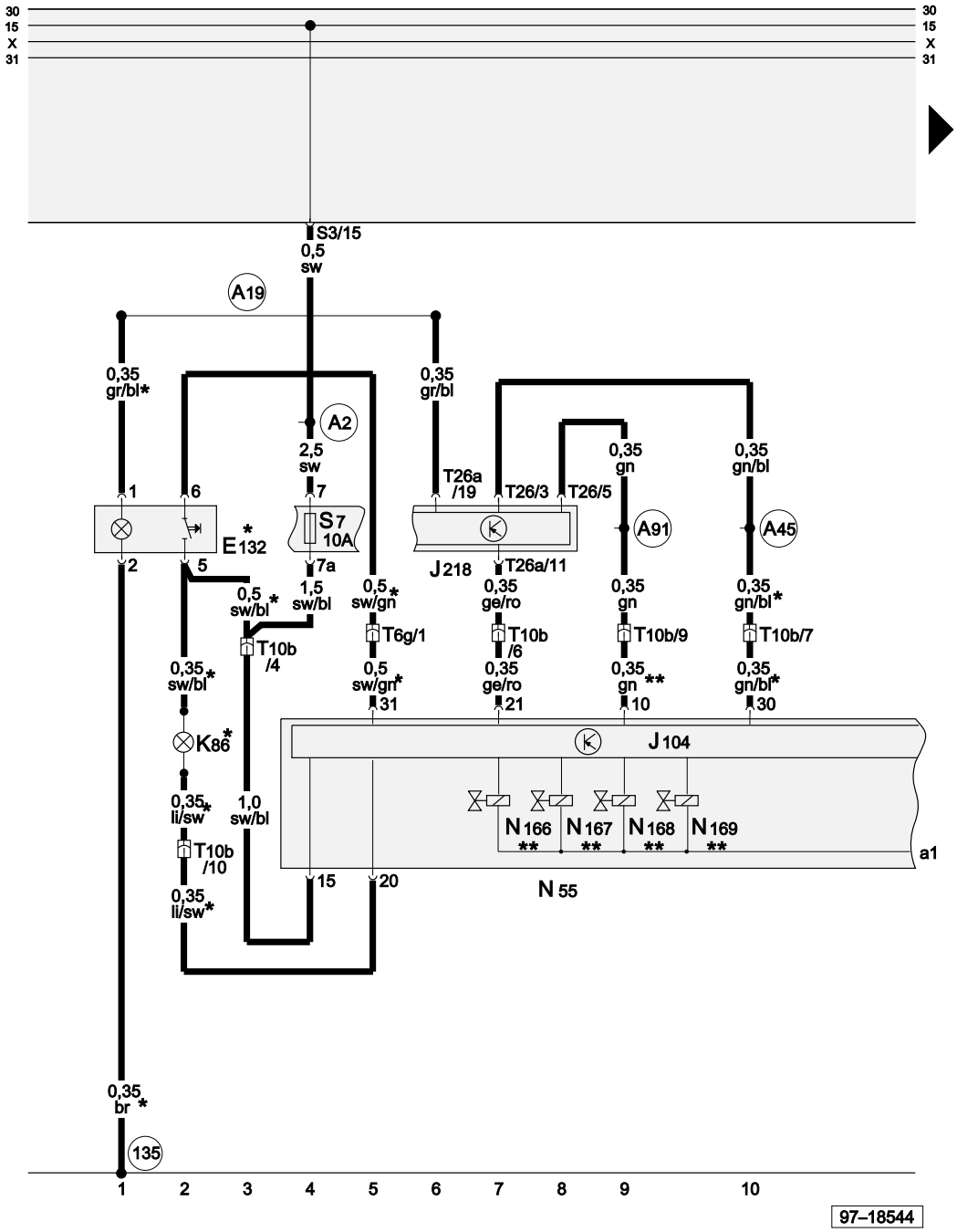
Position of relays:

18 - ABS hydraulic pump fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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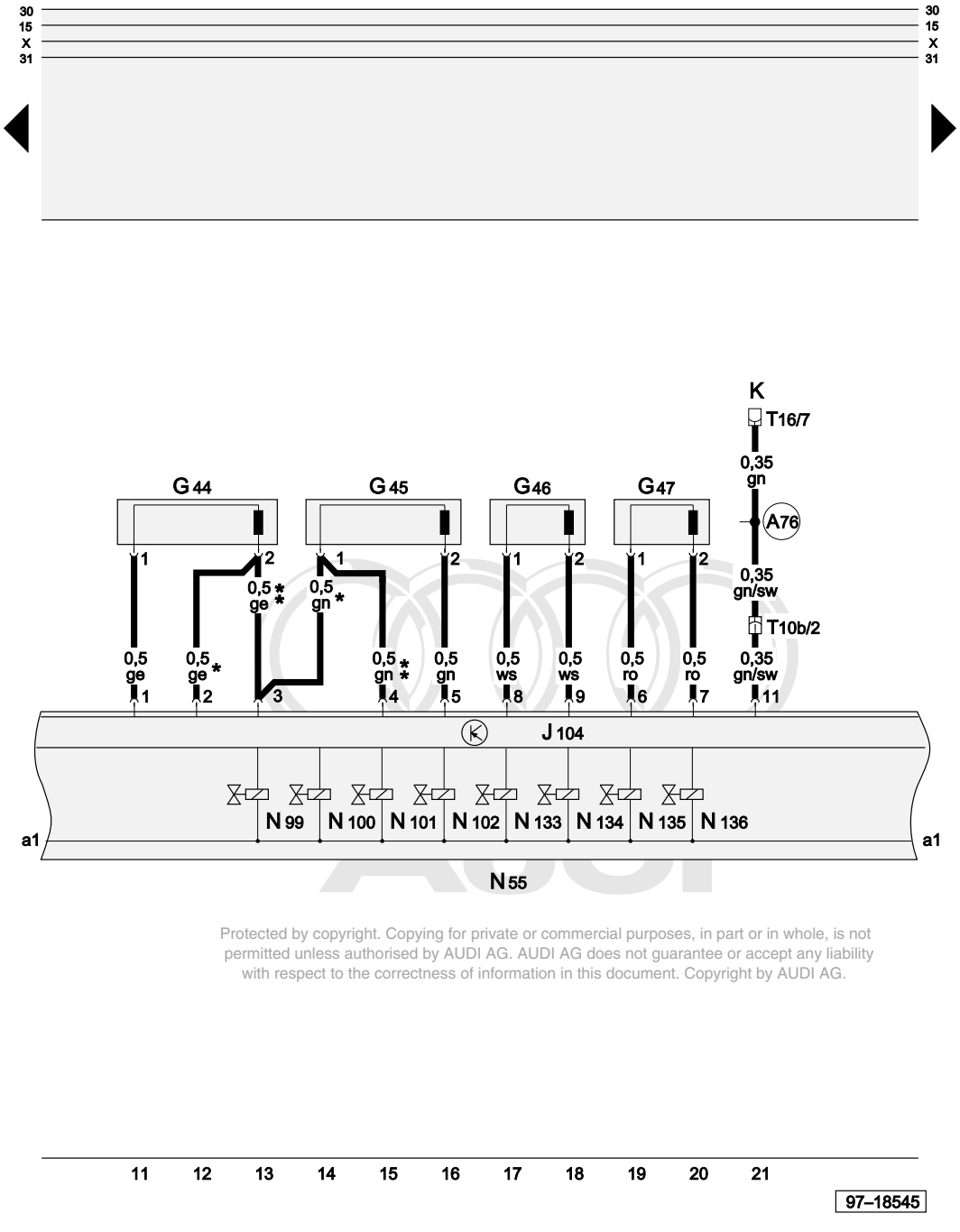


Anti-lock brake system 5.3 with front-wheel drive (ABS, EDL and ASR)

E132	Traction control system switch
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
K86	Traction control system warning lamp
N55	ABS hydraulic unit
N166	EDL change-over valve, front right
N167	EDL outlet valve, front right
N168	EDL change-over valve, front left
N169	EDL outlet valve, front left
T6g	6-pin connector, gray, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
T26a	26-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A91	Connection (signal for dash panel insert), in dash panel wiring harness
*	Only models with ABS, EDL and ASR/TCS
**	Only models with ABS with EDL or ABS with EDL and TCS

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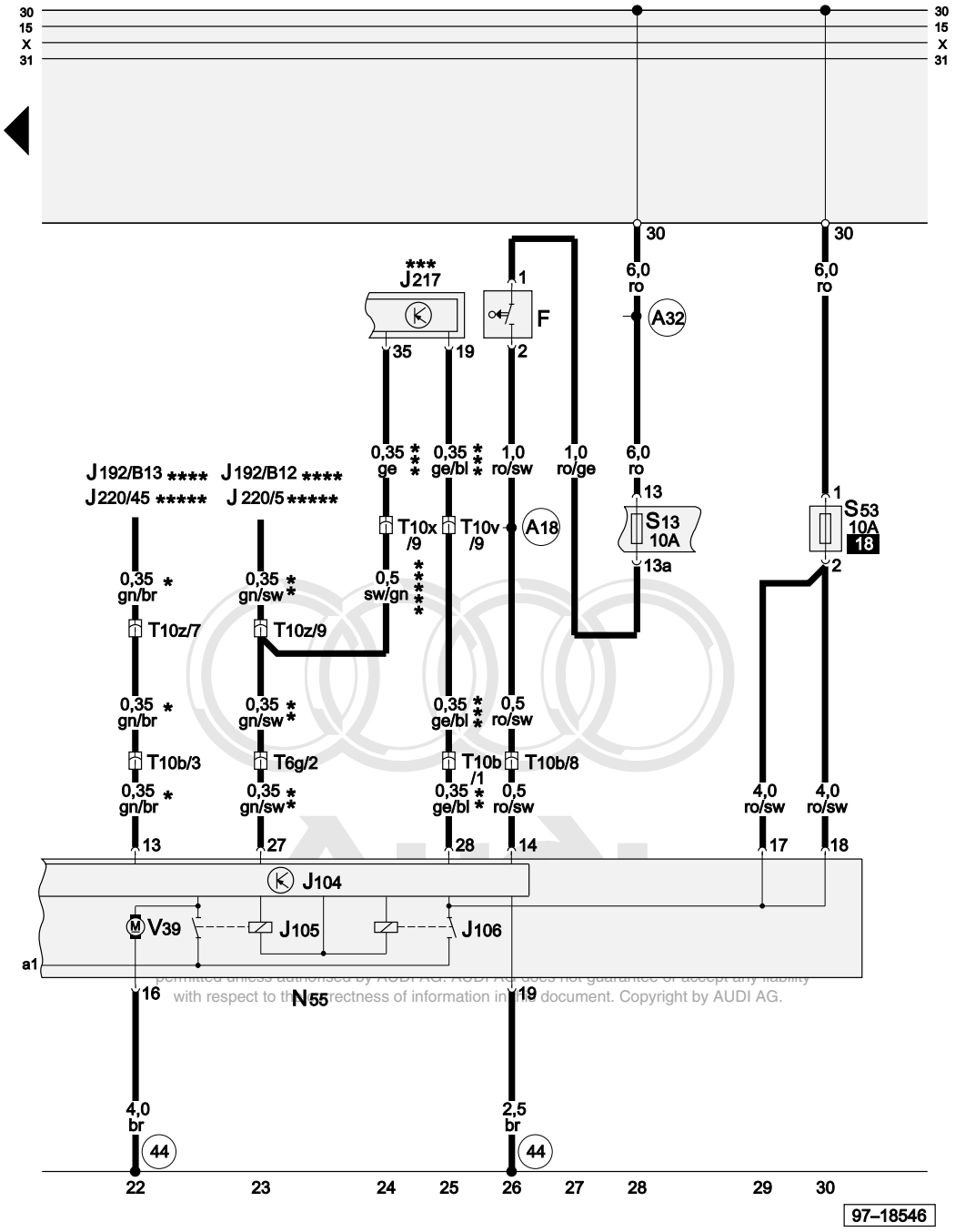


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Anti-lock brake system 5.3 front-wheel drive (ABS, EDL and TCS)

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS with EDL control unit
N55	ABS hydraulic unit
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
T10b	10-pin connector, orange, left connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with ABS, EDL and /TCS
**	Only model with ABS or ABS and EDL

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sw	=	black
ro	=	red
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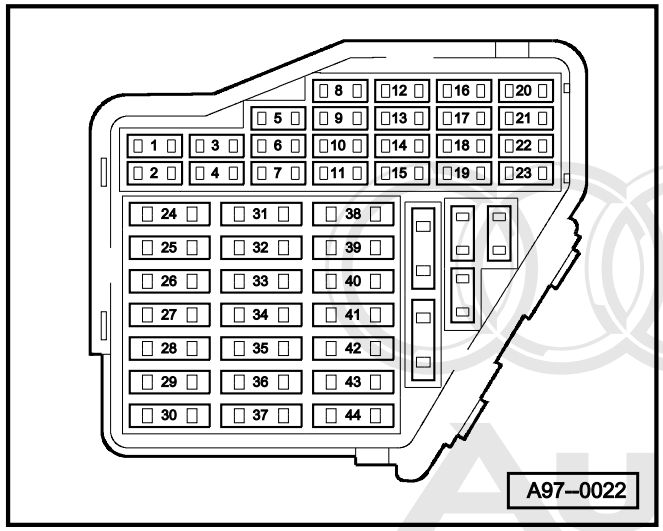
Anti-lock brake system 5.3 front-wheel drive (ABS, EDL and TCS)

F	Brake light switch
J104	ABS with EDL control unit
J105	ABS return flow pump relay
J106	Relay for ABS solenoid valves
J192	Multi-point injection control unit
J217	Automatic gearbox control unit
J220	Motronic control unit
N55	ABS hydraulic unit
S53	ABS hydraulic pump fuse
T6g	6-pin connector, gray, right connector point, A pillar
T10b	10-pin connector, orange, left connector point, A pillar
T10v	10-pin connector, brown, right connector point, A pillar
T10x	10-pin connector, brown, right connector point, A pillar
T10z	10-pin connector, yellow, connector point, electronics box, plenum chamber
V39	ABS return flow pump
44	Earth point, lower part of left A-pillar
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
*	Only models with ABS with EDL or ABS with EDL and TCS ASR
**	Only models with ABS, EDL and ASR/TCS
***	Only models with five-speed automatic gearbox
****	Only models with 2.6 l MPI, 110 kW
*****	Only models with 2.8 l Motronic 142 kW

Electric seat adjustment, driver's seat

From model year 1997

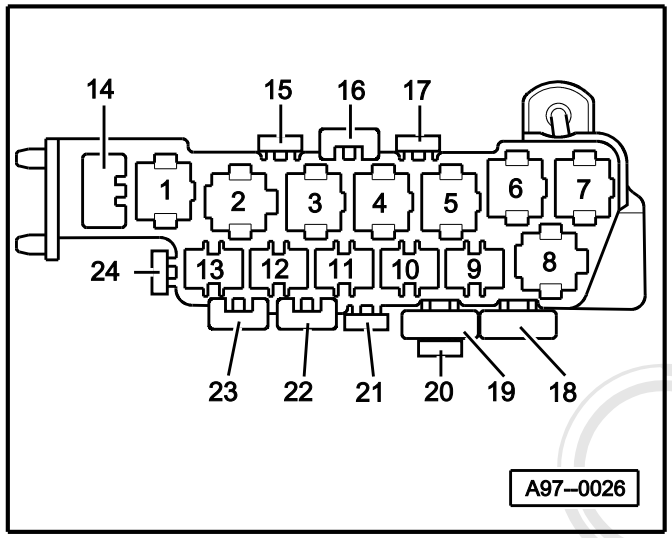
Fuse box:



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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8-point relay carrier:



Position of fuses:

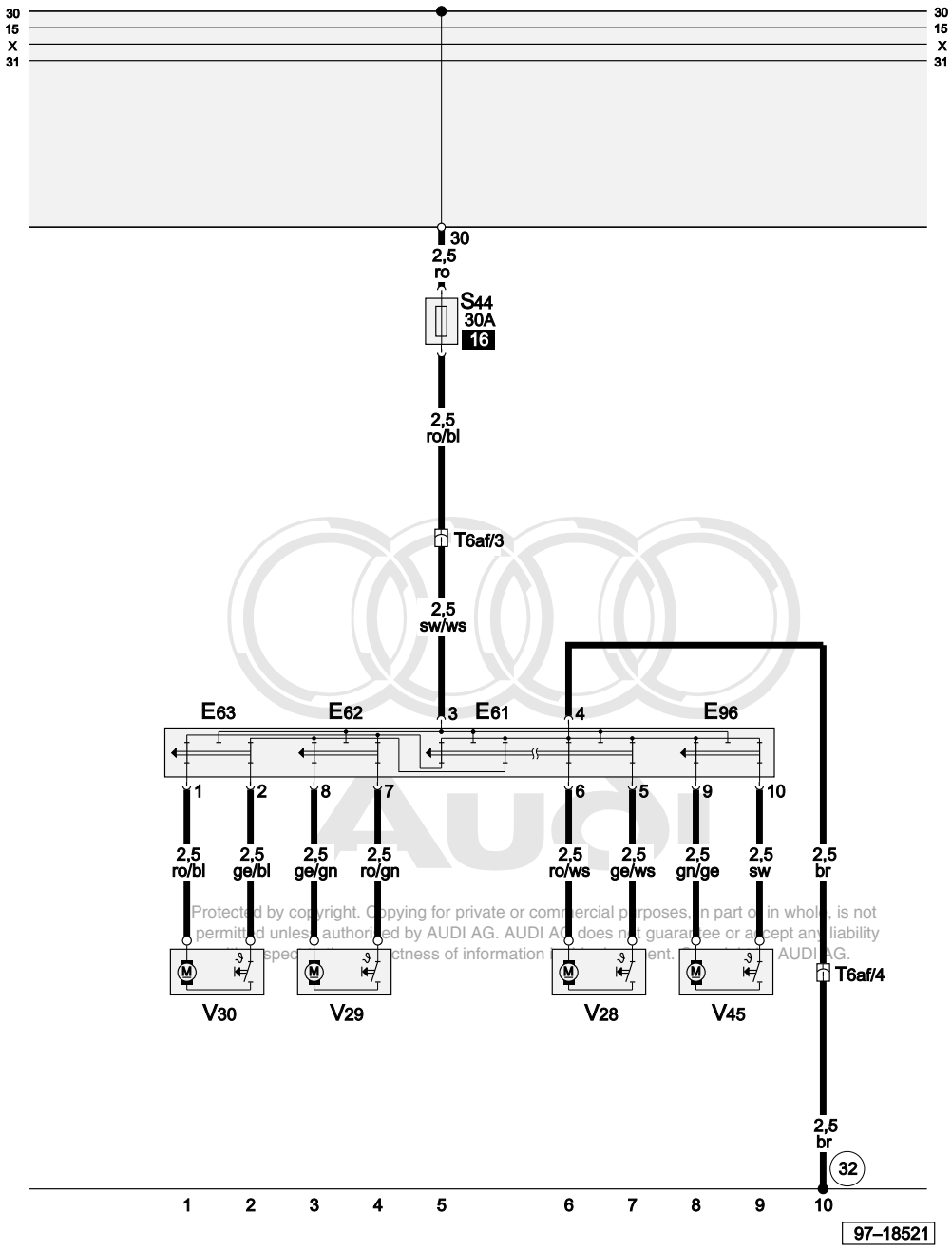
16 - Seat adjustment fuse

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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Electric seat adjustment, driver's seat

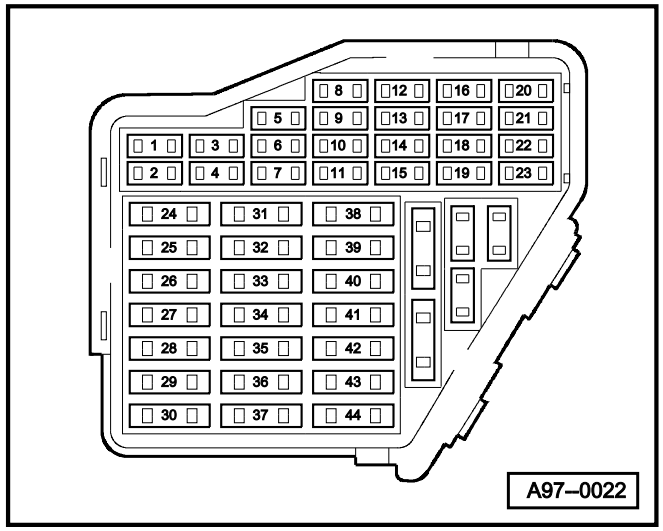
E61	Switch for driver seat height and longitudinal adjustment
E62	Front height adjustment switch
E63	Rear height adjustment switch
E96	Backrest adjustment switch
S44	Seat adjustment thermo-fuse 1
T6af	6-pin connector, black, under driver's seat
V28	Longitudinal adjustment motor
V29	Front height adjustment motor
V30	Rear height adjustment motor
V45	Backrest adjustment motor
32	Earth point, behind dash panel, left

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Side airbags and airbags for driver's seat and front passenger's seat with belt tensioners

From model year 1997

Fuse box:

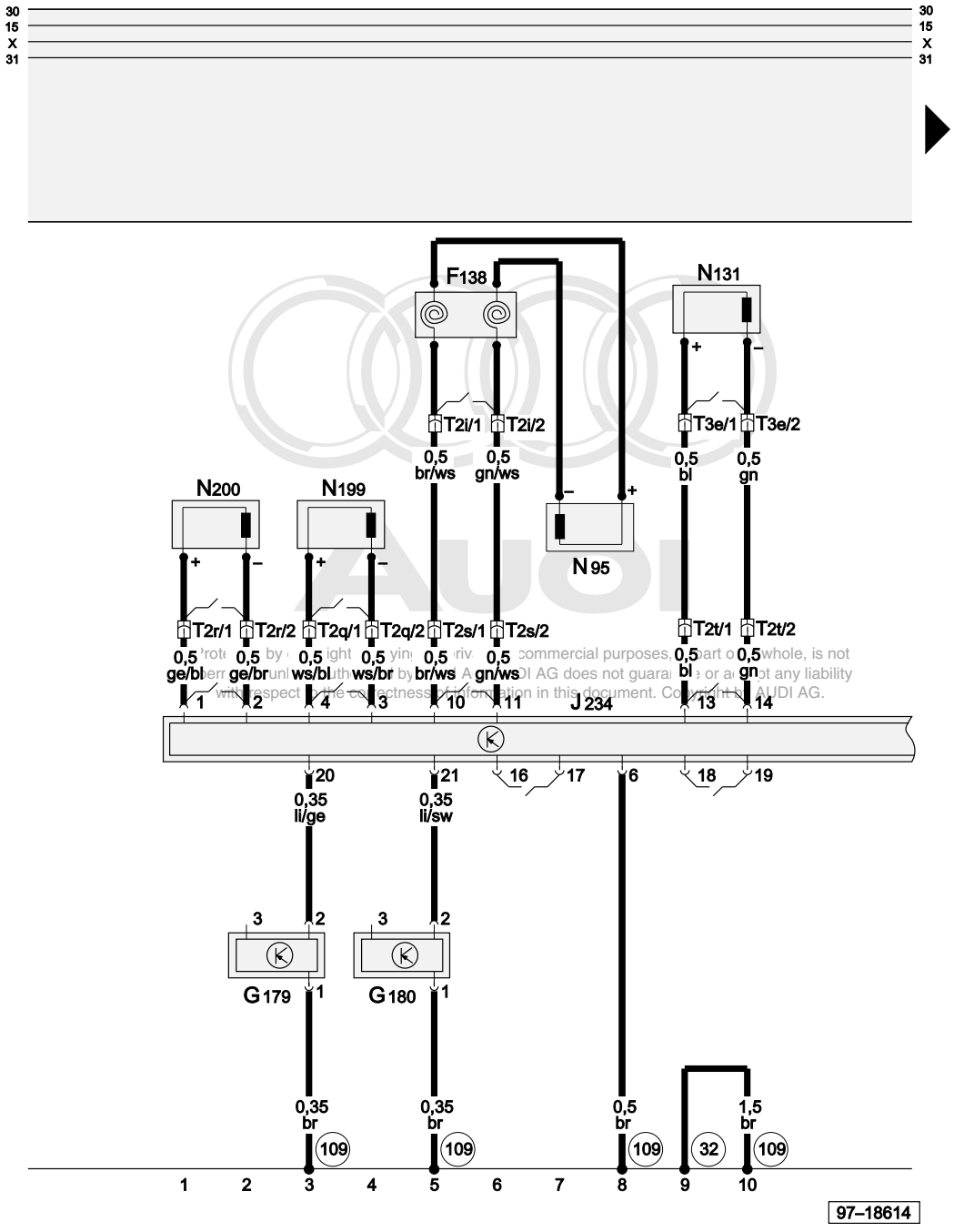


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Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

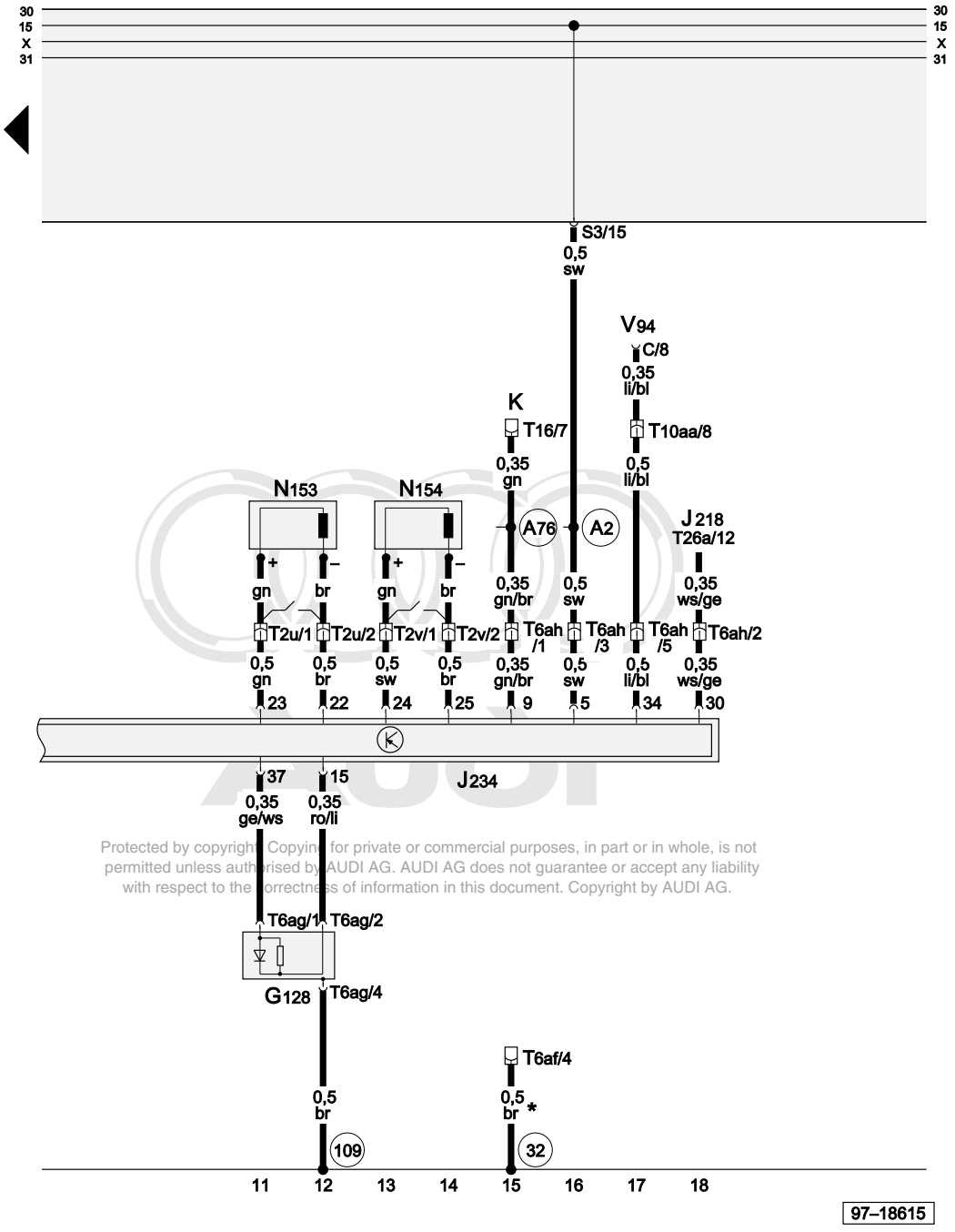


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Side airbags and airbags for driver's seat and front passenger's seat with belt tensioners

F138	Airbag coil connector
G179	Side airbag crash sensor, driver's side
G180	Side airbag crash sensor, front passenger's side
J234	Airbag control unit
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
N199	Side airbag igniter, driver's side
N200	Side airbag igniter, front passenger's side
T2i	2-pin connector, red, behind dash panel, left
T2q	2-pin connector, yellow, under driver's seat
T2r	2-pin connector, yellow, under front passenger's seat
T2s	2-pin connector, yellow, left connector point, A pillar
T2t	2-pin connector, yellow, right connector point, A pillar
T3e	3-pin connector, behind dash panel, centre
32	Earth point, behind dash panel, left
109	Earth connection, in airbag wiring harness
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged

Audi



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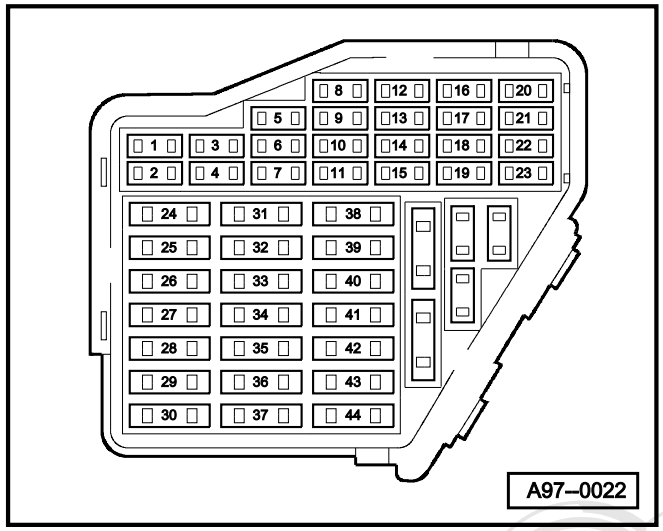
Side airbags and airbags for driver's seat and front passenger's seat with belt tensioners

G128	Seat occupied sensor, front passenger's side
J218	Combi-processor in dash panel insert
J234	Airbag control unit
N153	Belt tensioner igniter -1-, driver's side
N154	Belt tensioner igniter -2-, front passenger's side
T2u	2-pin connector, light connector point, B pillar
T2v	2-pin connector, right connector point, B pillar
T6af	6-pin connector, black, under driver's seat
T6ag	6-pin connector, black, under front passenger's seat
T6ah	6-pin connector, green, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
T16	16-pin connector, centre console, rear (diagnosis connection)
T26a	26-pin connector, blue, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
32	Earth point, behind dash panel, left
109	Earth connection, in airbag wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Does not apply to models equipped with electric seat adjustment
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged

Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

From 1997 model year

Fuse box:

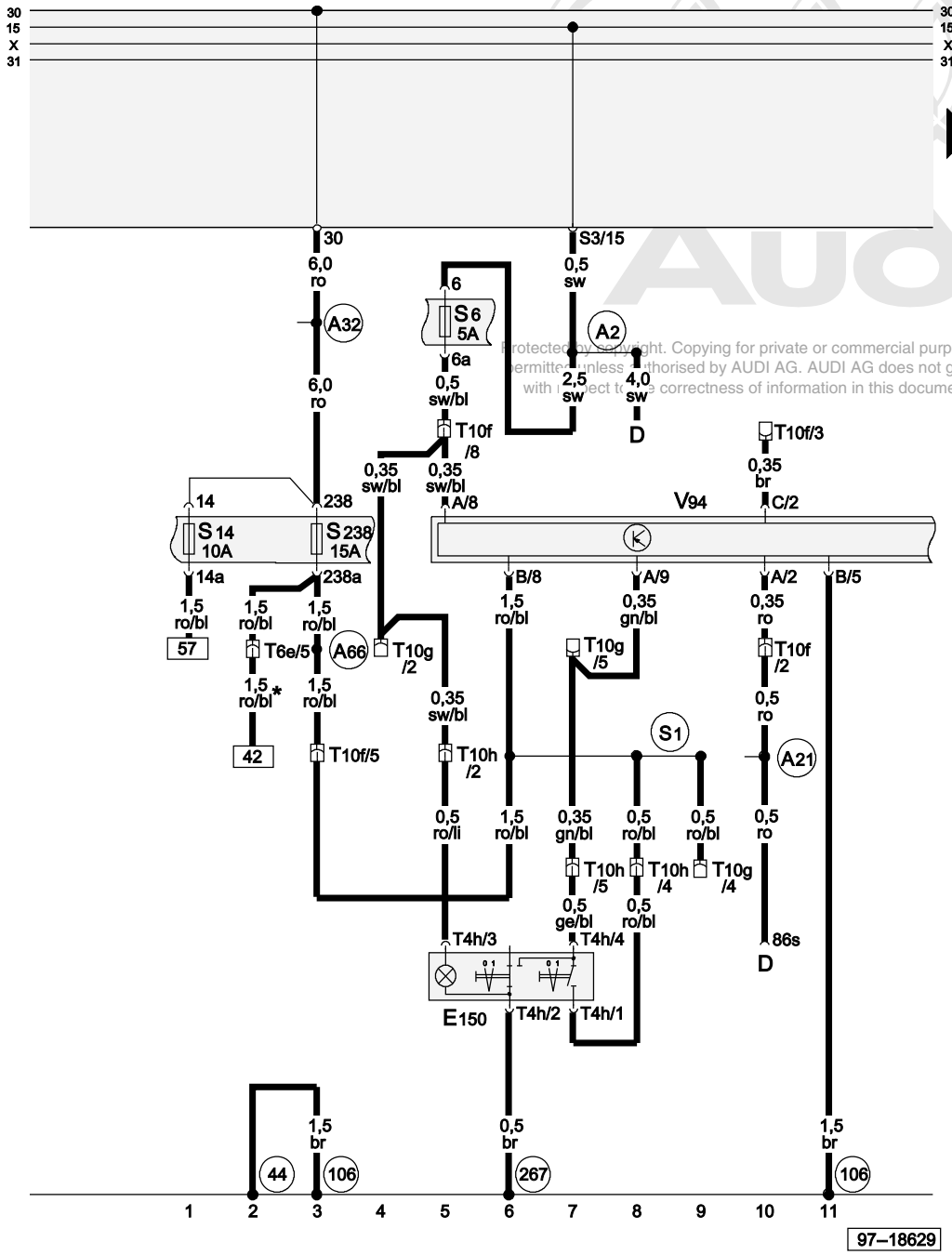


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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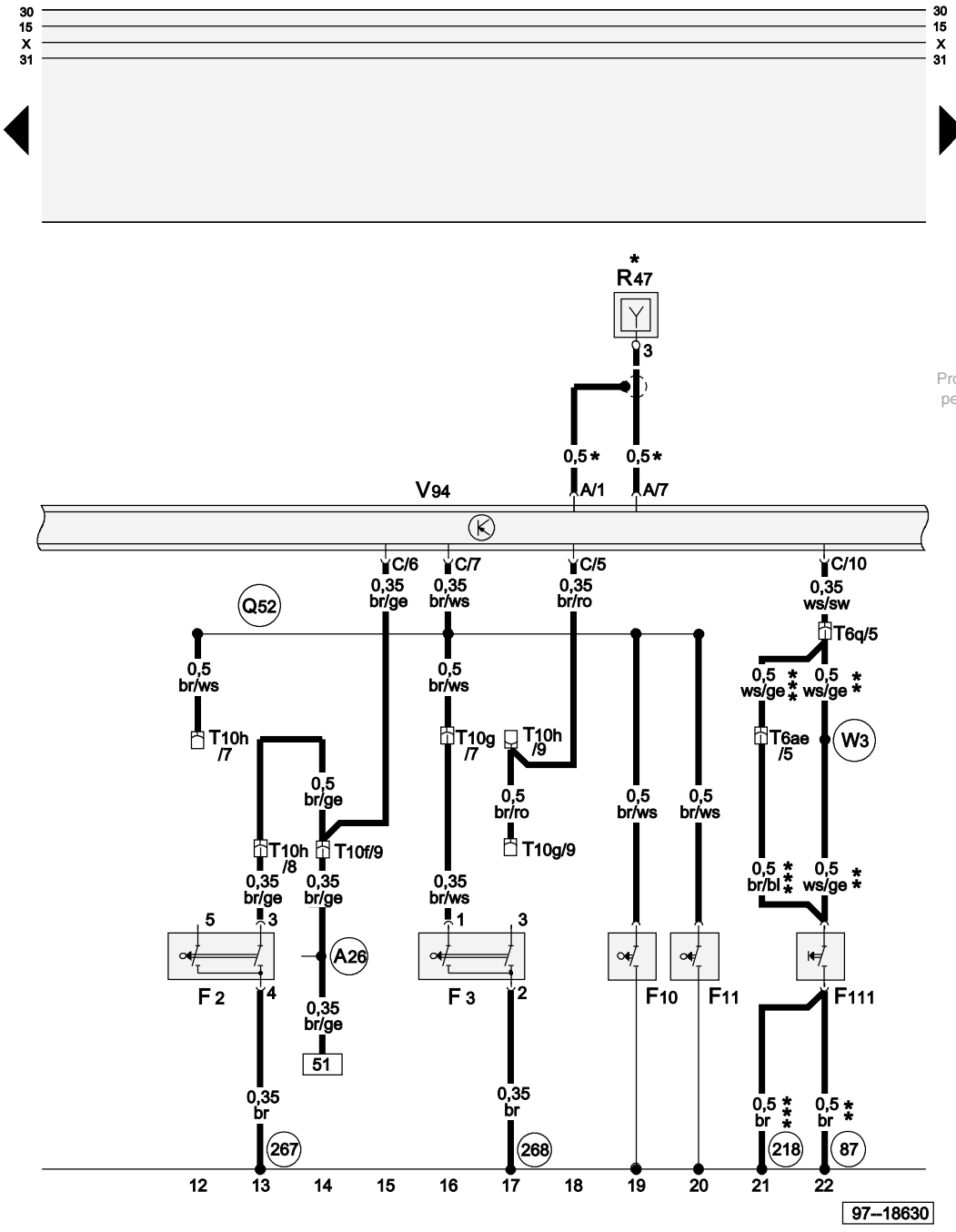


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

D	Ignition/starter switch
E150	Interior locking switch, driver's side
S6	Fuse in fuse box/relay plate
S14	Fuse in fuse box/relay plate
S238	Fuse in fuse box
T4h	4-pin connector, in driver's door
T6e	6-pin connector, blue, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
44	Earth point, lower part of left A pillar
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A66	Connection (30a, ZV/DWA/IR (central locking/anti-theft alarm system/ infra-red remote control)), in dash panel wiring harness
S1	Positive (+) connection (30), in central locking wiring harness
*	Applies to Audi Avant models only

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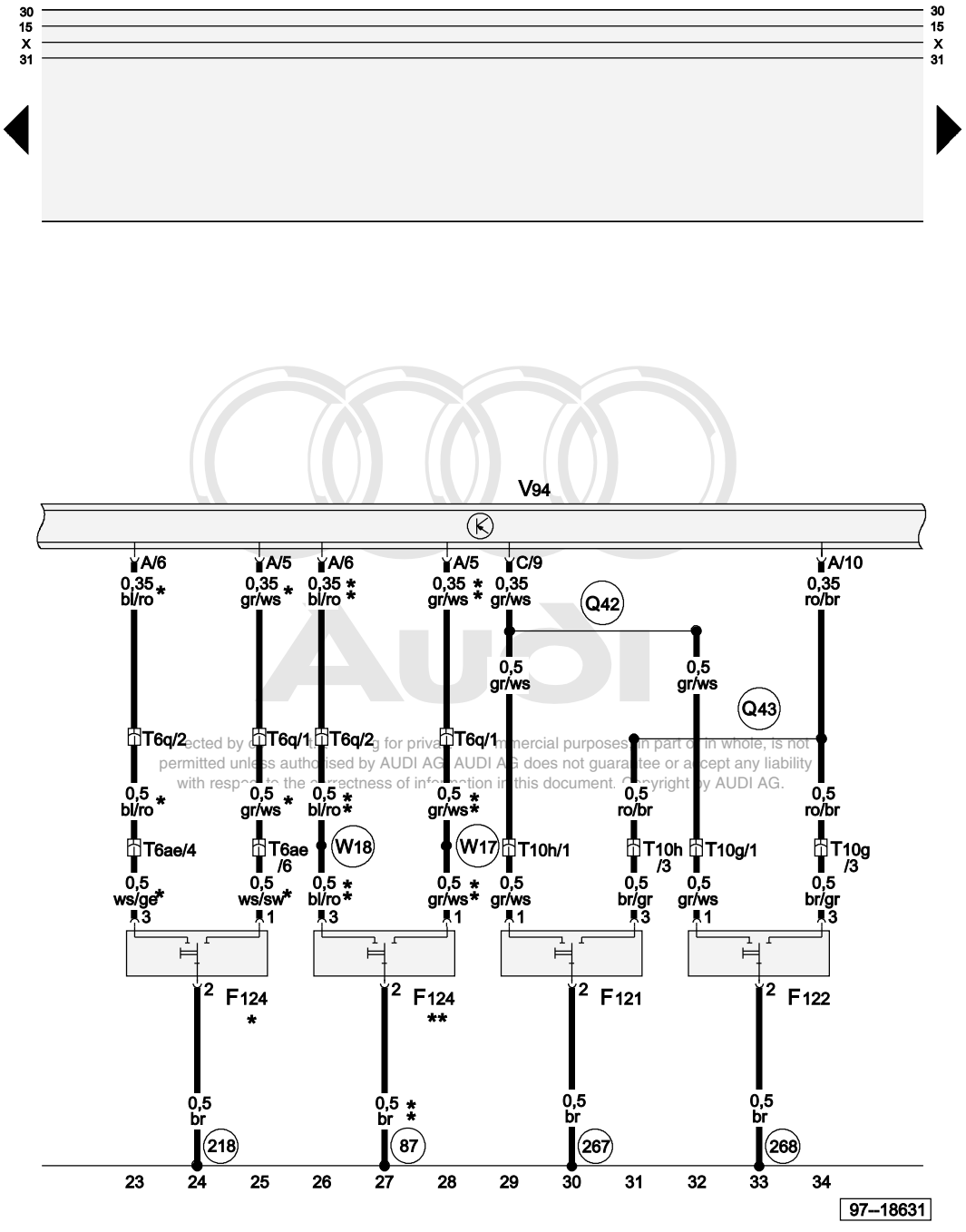
Central locking system with interior lights switch-off delay, reading lights and illuminated make-up mirrors

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
F111	Tailgate/boot lid contact switch
R47	Central locking and anti-theft alarm system aerial
T6q	6-pin connector, purple, left connector point, A pillar
T6ae	Single connector, white, in rear left luggage compartment
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay

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87	Earth connection -2-, in rear wiring harness
218	Earth connection -1-, in tailgate/bootlid wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
W3	Connection in rear wiring harness

* Only models with radio-operated remote control
** Applies to Audi saloons only
*** Applies to Audi Avant models only

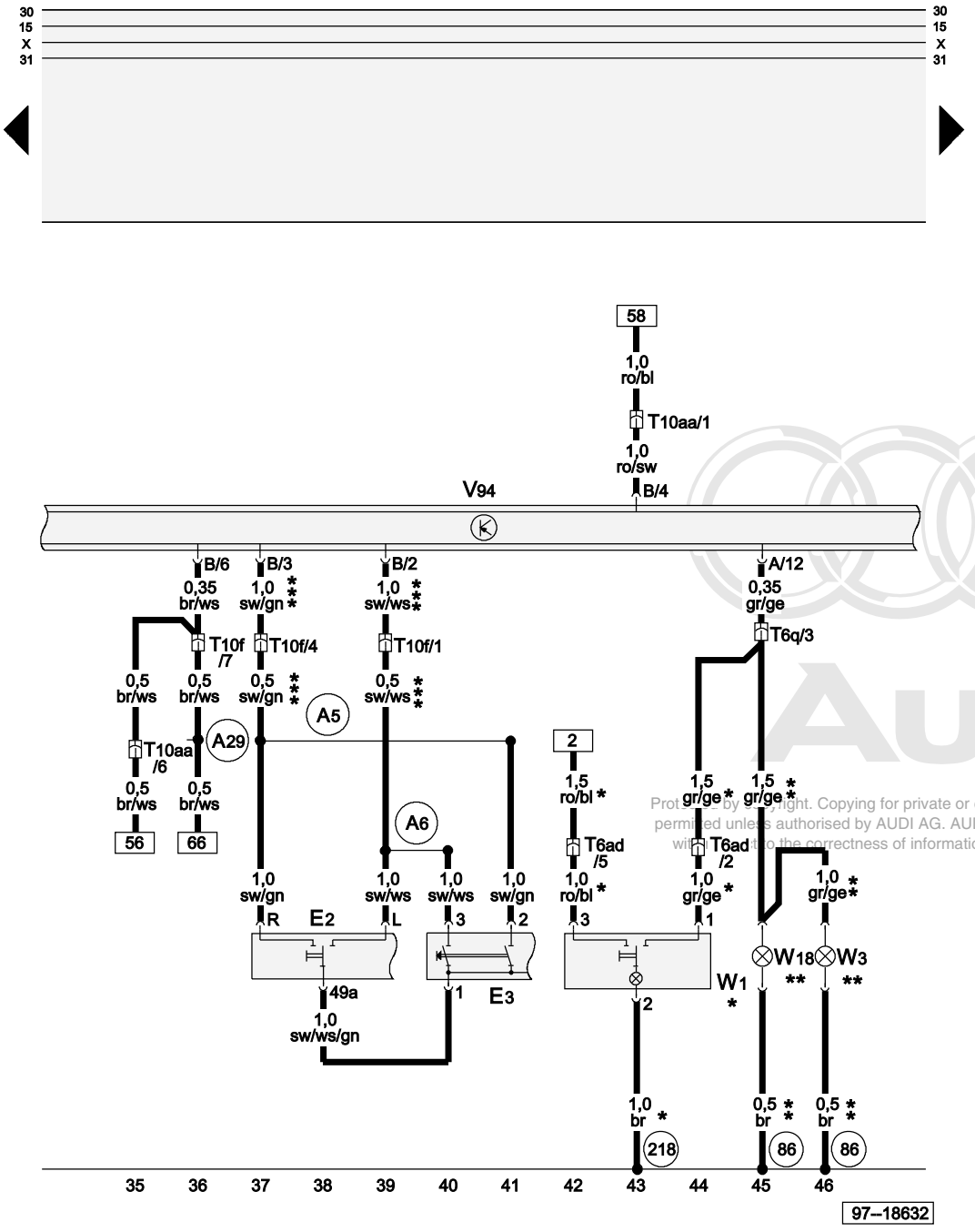


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Central locking system with interior lights switch-off delay, reading lights and illuminated make-up mirrors

F121	Driver's door handle switch for anti-theft alarm system
F122	Front passenger's door handle switch for anti-theft alarm system
F124	Contact switch in lock cylinder
T6q	6-pin connector, purple, left connector point, A pillar
T6ae	Single connector, white, on rear left luggage compartment
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
87	Earth connection -2-, in rear wiring harness
218	Earth connection -1-, in tailgate/bootlid wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness
W17	Connection (lock cylinder open), in rear wiring harness
W18	Connection (lock cylinder closed), in rear wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloons only

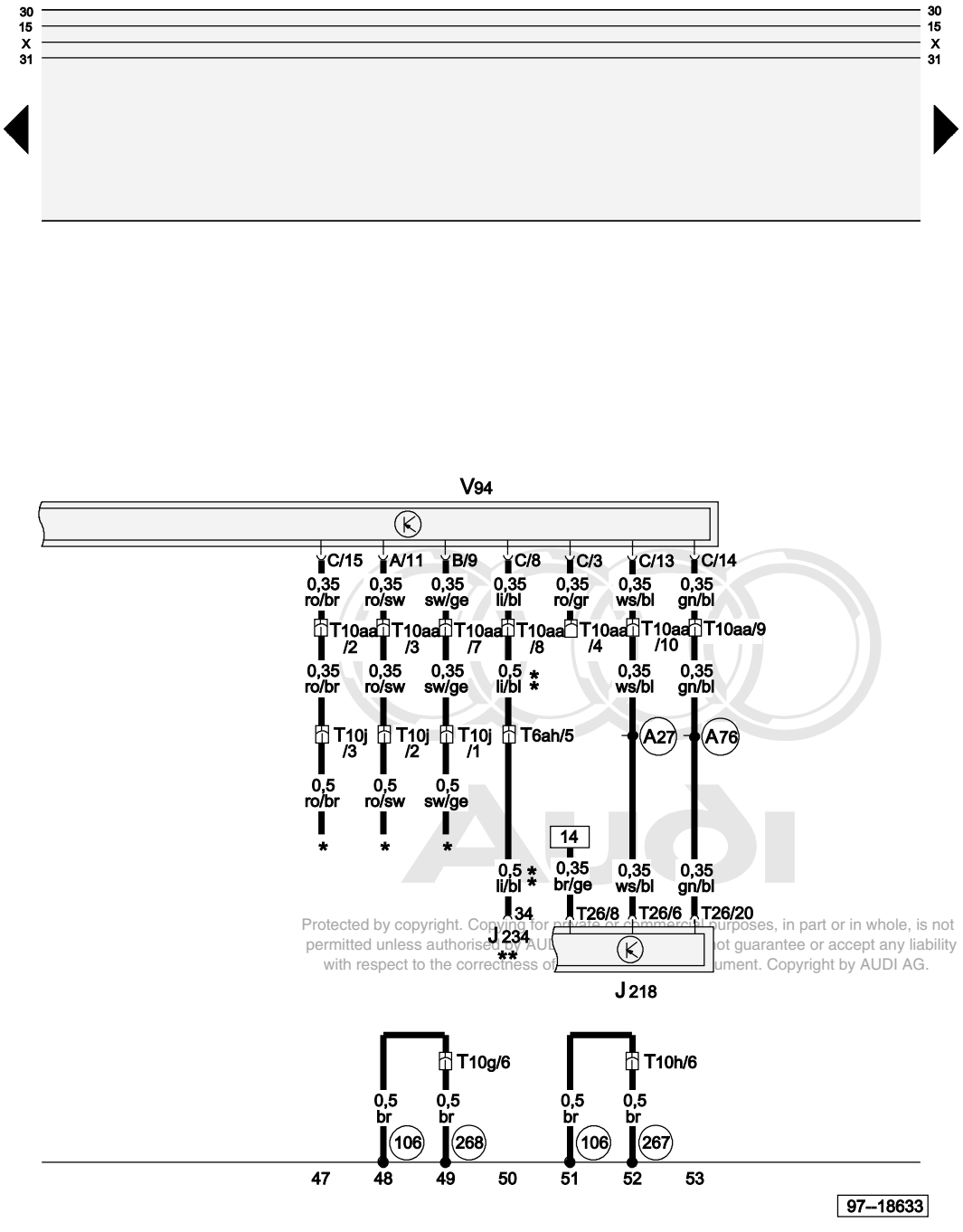


Central locking system with interior lights switch-off delay, reading lights and illuminated make-up mirrors

E2	Turn signal switch
E3	Hazard warning light switch
T6q	6-pin connector, purple, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T10f	10-pin connector, black, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
W1	Interior light, front
W3	Luggage compartment light
W18	Luggage compartment light, left
86	Earth connection -1-, in rear wiring harness
218	Earth connection -1-, in tailgate/bootlid wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloons only
***	Only models with radio-operated remote control

ws	=	white
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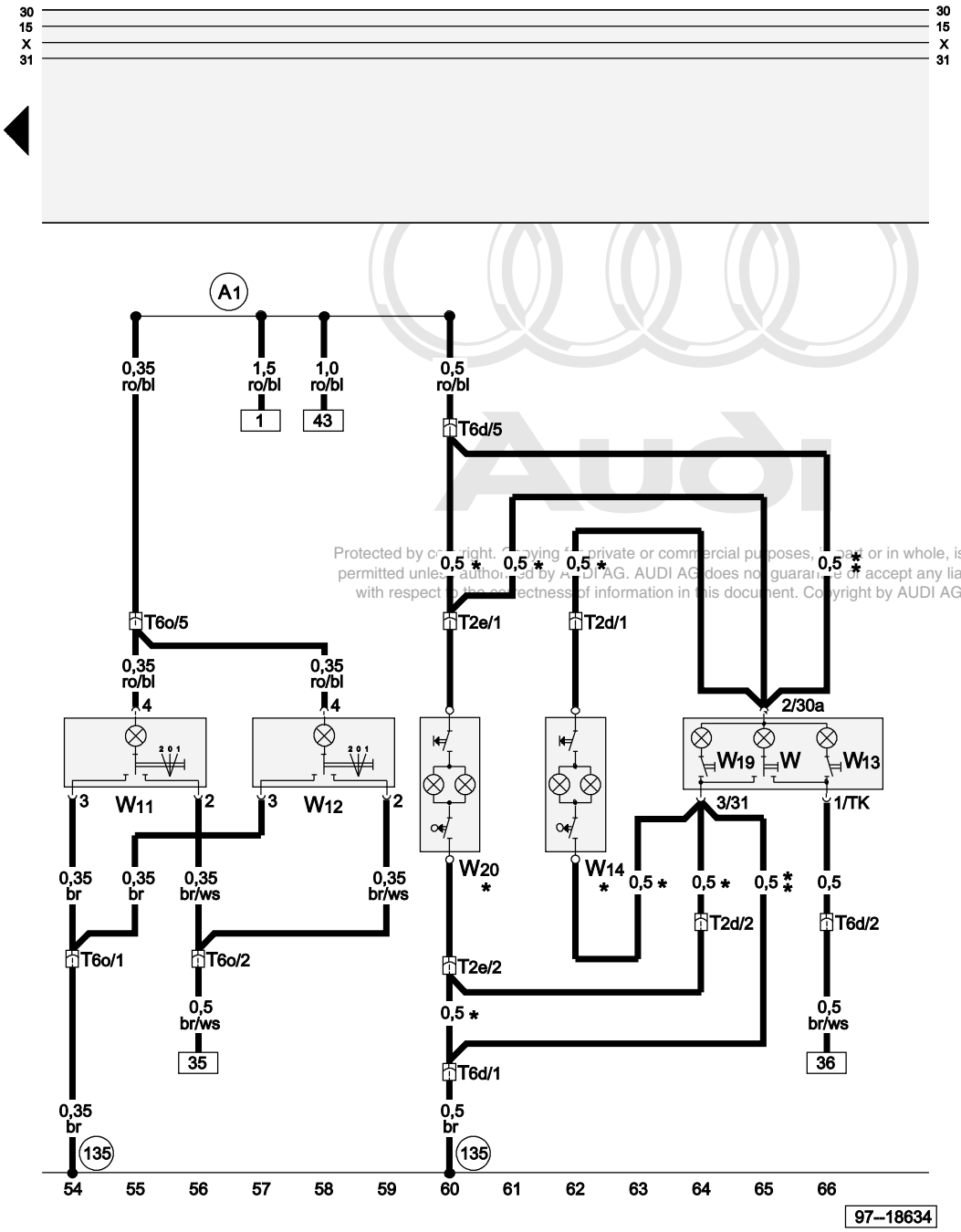


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Central locking system with interior lights switch-off delay, reading lights and illuminated make-up mirrors

J218	Combi-processor in dash panel insert
J234	Airbag control unit
T6ah	6-pin connector, green, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	See applicable electric window Current Flow Diagram
**	Only models with side airbag



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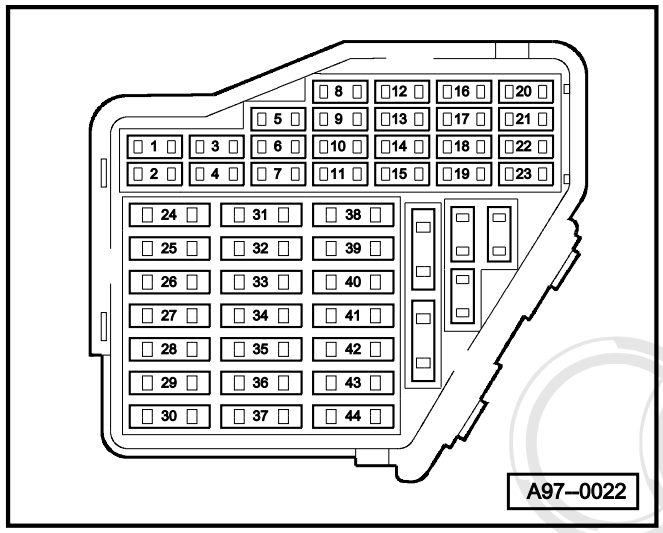
Central locking system with interior lights switch-off delay, reading lights and illuminated make-up mirrors

T2d	2-pin connector, white, near interior light
T2e	2-pin connector, white, near interior light
T6d	6-pin connector, dark brown, left connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
W13	Front passenger reading lamp
W14	Illuminated make-up mirror, front passenger's side
W19	Reading lamp, driver's side
W20	Illuminated make-up mirror, front driver's side
135	Earth connection -2-, in dash panel wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
*	Only models with illuminated make-up mirror
**	Does not apply to illuminated make-up mirror

Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

From 1997 model year

Fuse box:

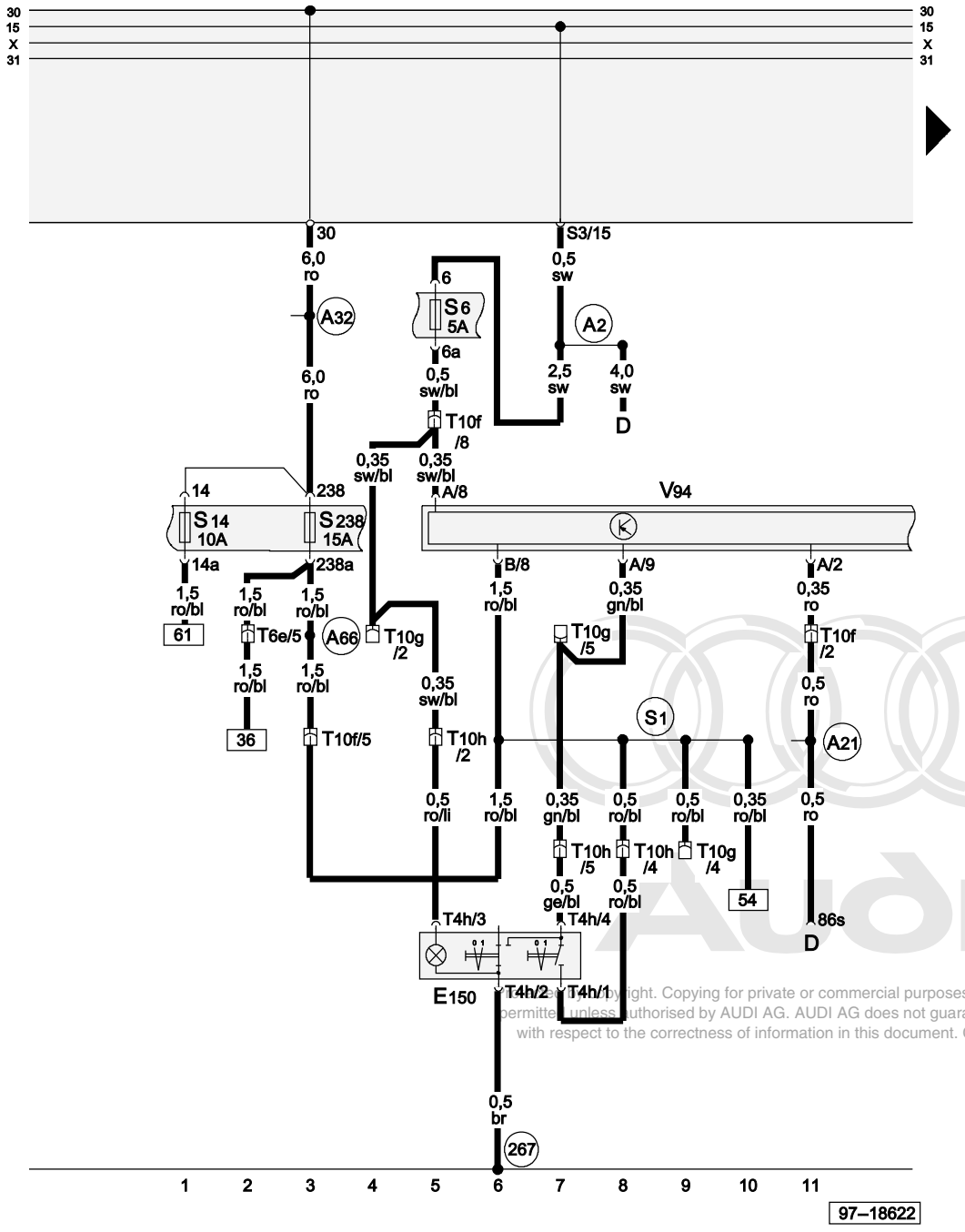


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

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Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant models

D	Ignition/starter switch
E150	Interior locking switch, driver's side
S6	Fuse in fuse box/relay plate
S14	Fuse in fuse box/relay plate
S238	Fuse in fuse box
T4h	4-pin connector, in driver's door
T6e	6-pin connector, blue, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
267	Earth connection -2-, in door wiring harness - driver's side
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A66	Connection (30a, ZV/DWA/IR (central locking/anti-theft alarm system/ infra-red remote control)), in dash panel wiring harness
S1	Positive (+) connection (30), in central locking wiring harness

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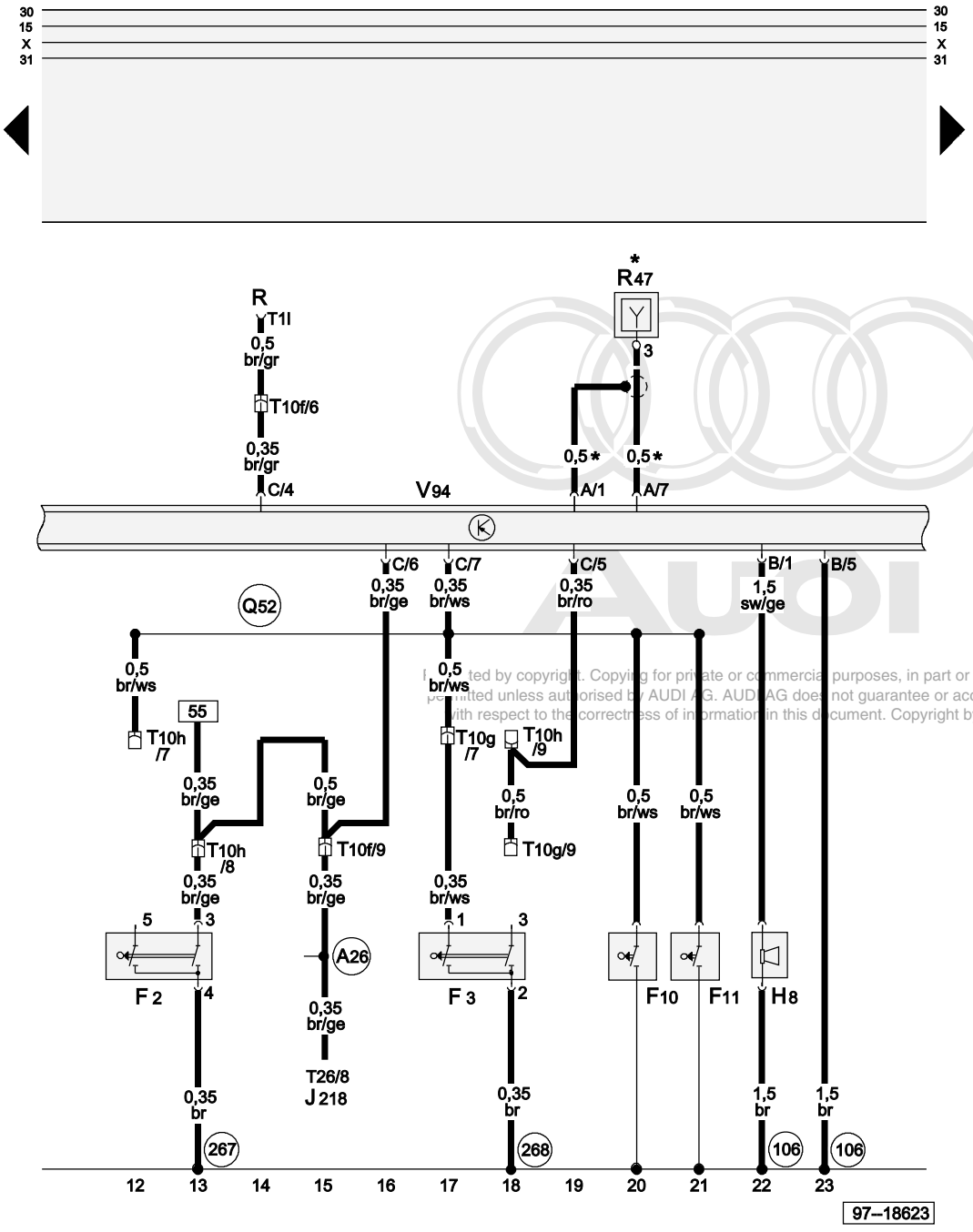
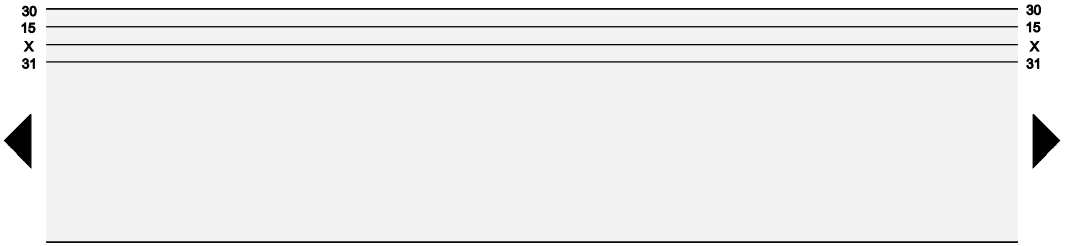


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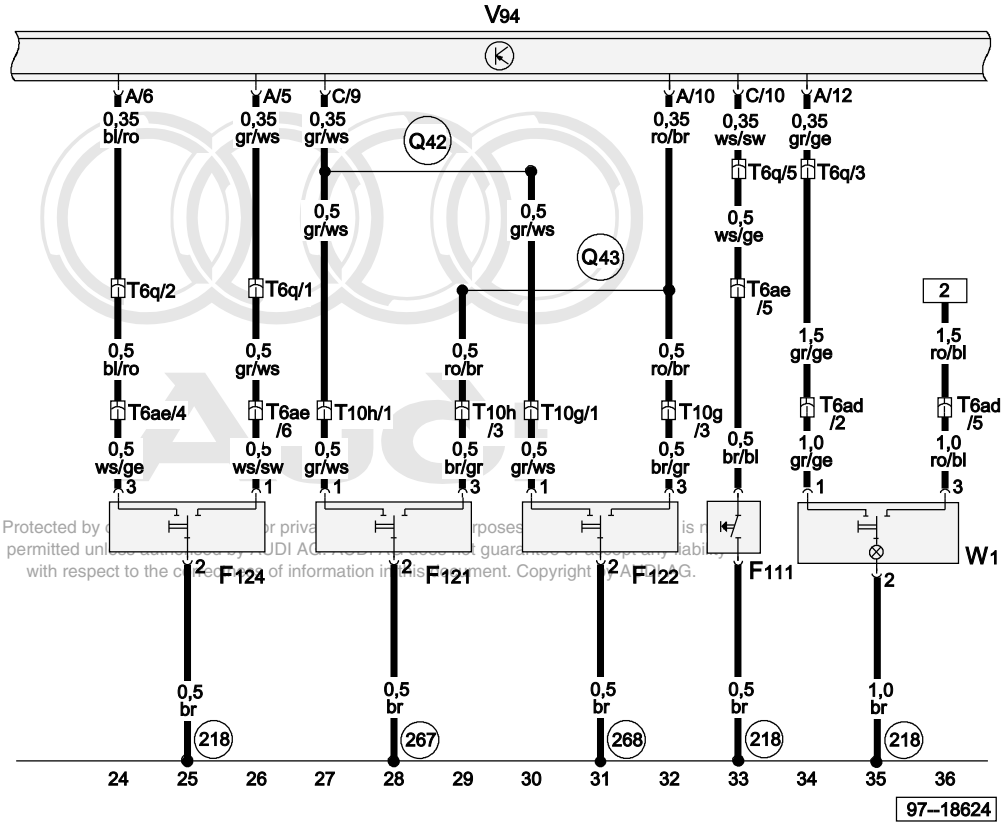
Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
H8	Anti-theft alarm system horn
R	Radio
R47	Central locking and anti-theft alarm system aerial
T1l	Single connector, brown, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	Only models with radio-operated remote control



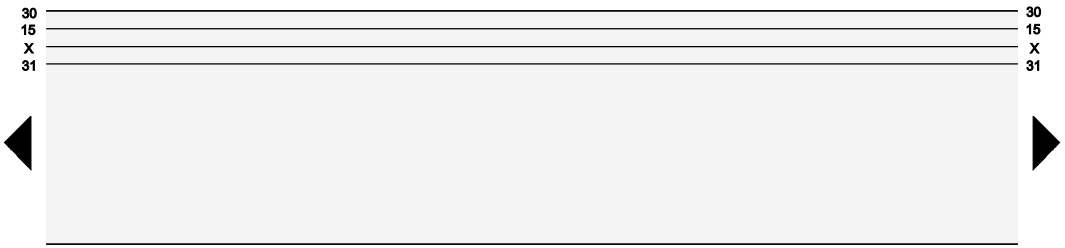
Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant

F111	Tailgate/boot lid contact switch
F121	Driver's door handle switch for anti-theft alarm system
F122	Front passenger's door handle switch for anti-theft alarm system
F124	Contact switch in lock cylinder
T6q	6-pin connector, purple, left connector point, A pillar
T6ad	6-pin connector, black, in rear left luggage compartment
T6ae	Single connector, white, in rear left luggage compartment
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W1	Interior light, front
218	Earth connection -1-, in tailgate/bootlid wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness



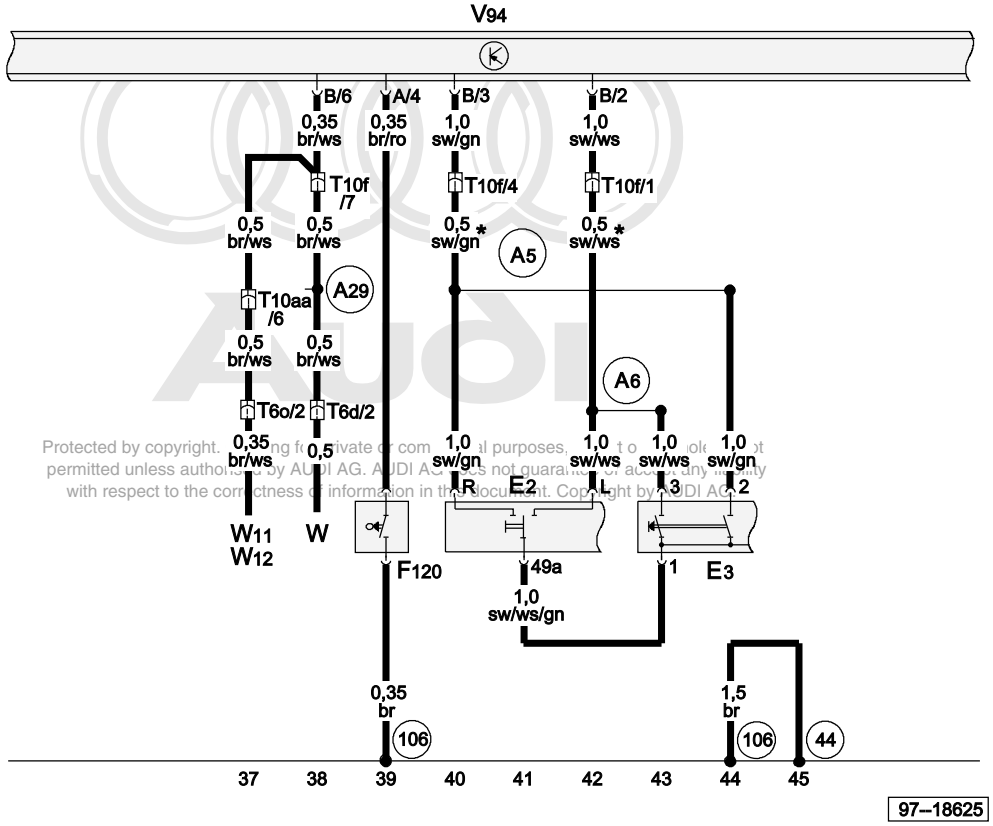
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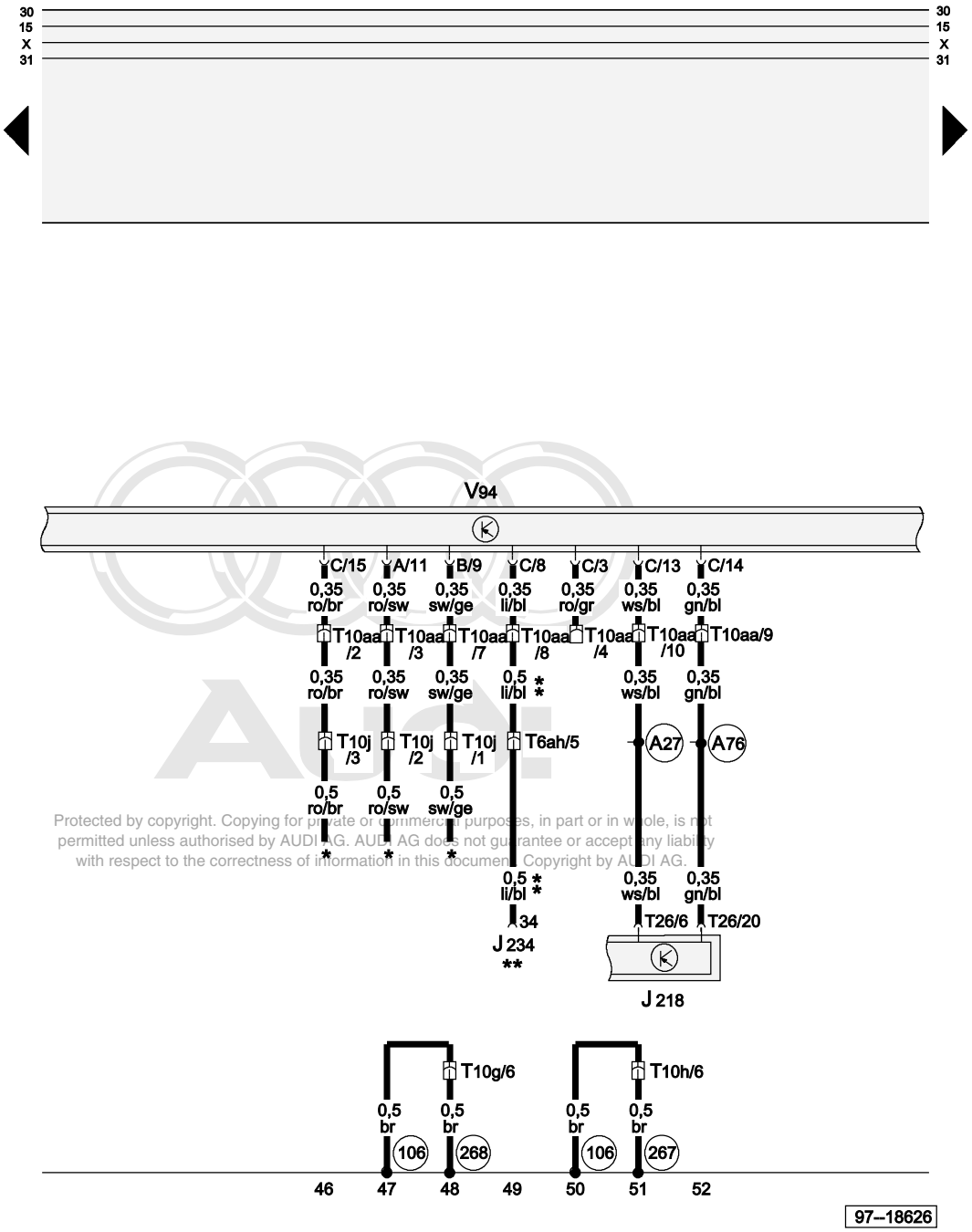
Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant

E2	Turn signal switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T6d	6-pin connector, brown, left connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
*	Applies to Swiss export version - only models with infra-red remote control



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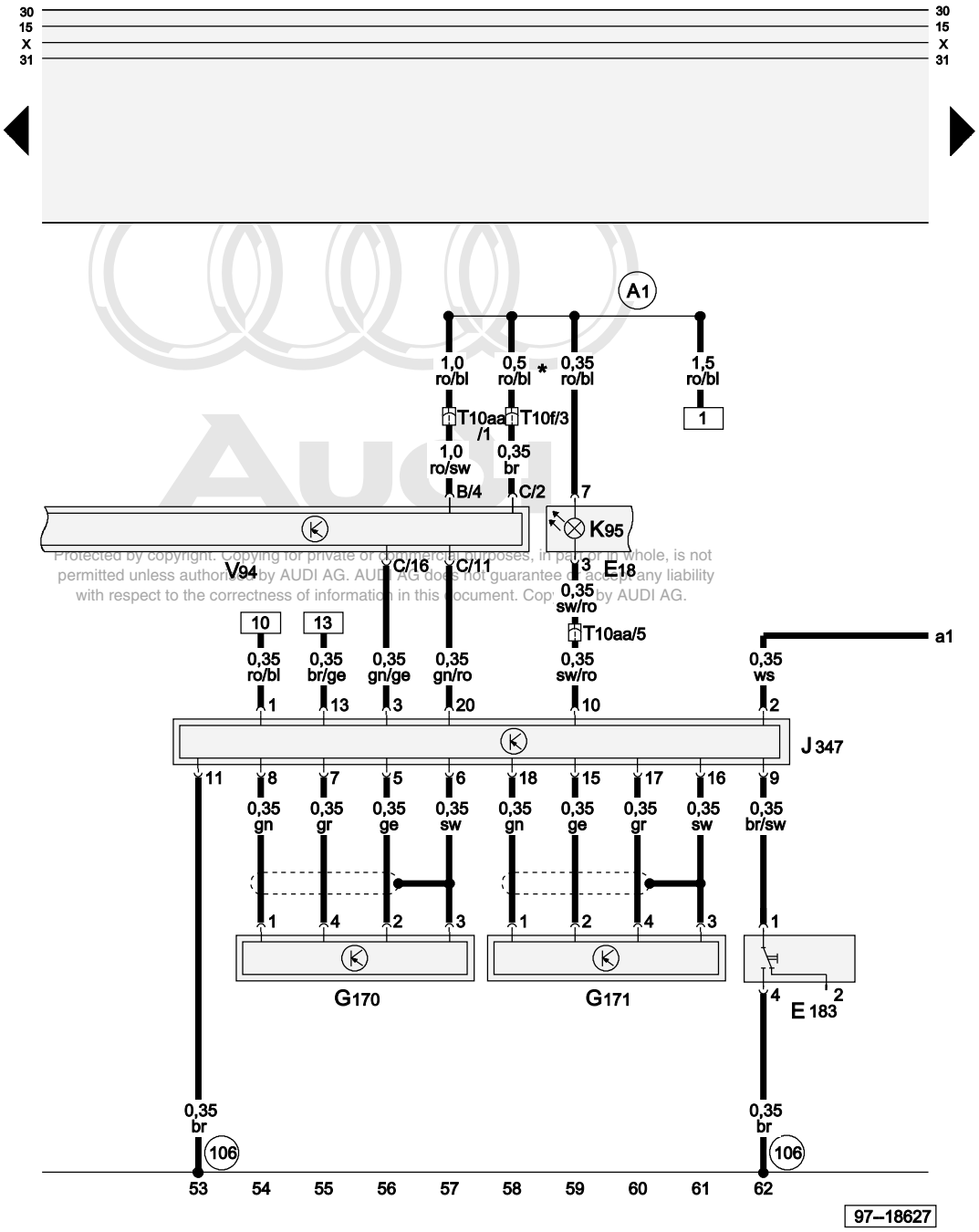


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Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant

J218	Combi-processor in dash panel insert
J234	Airbag control unit
T6ah	6-pin connector, green, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	See applicable electric window Current Flow Diagram
**	Only models with side airbag

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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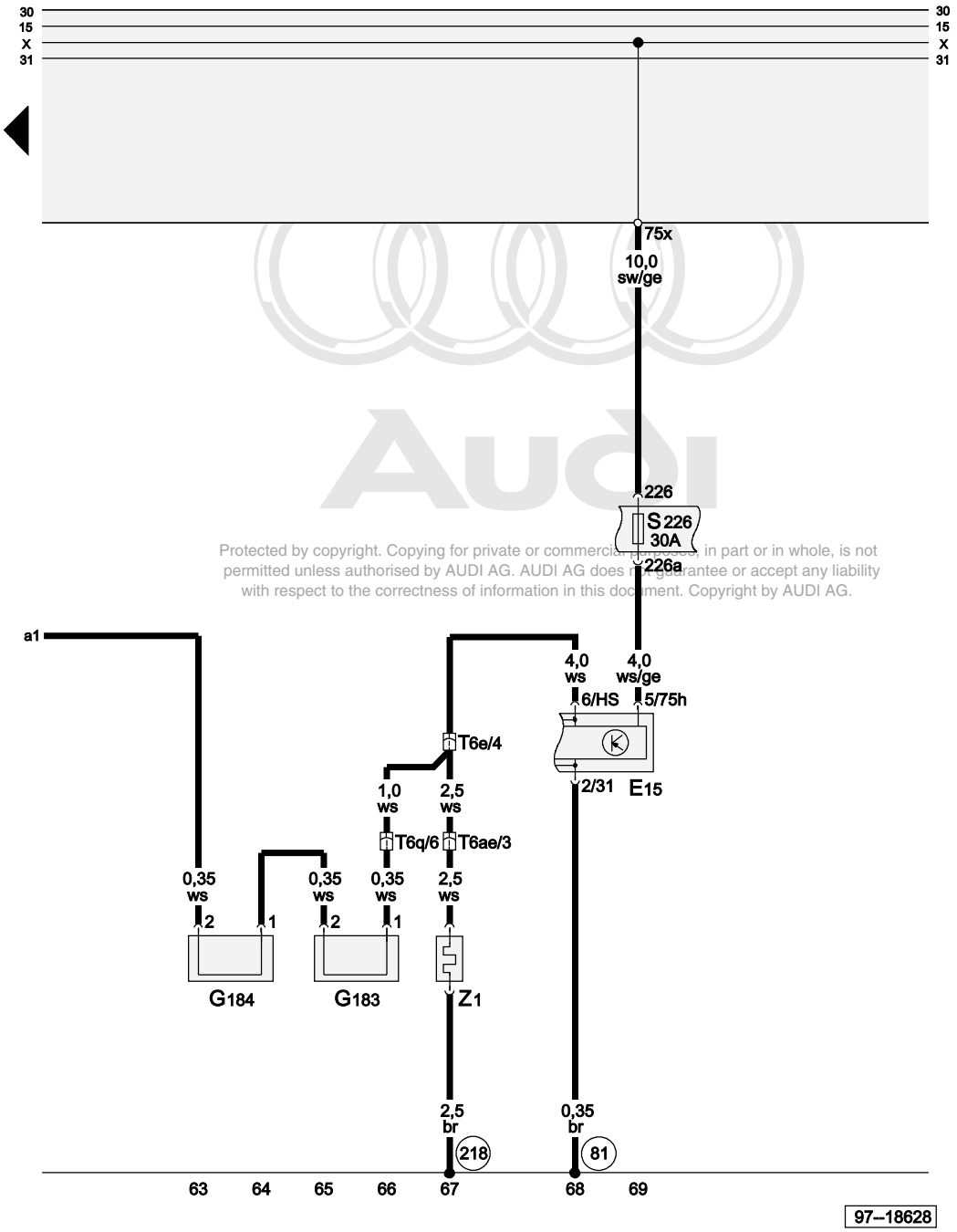


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Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, Audi Avant models

E18	Rear fog light switch
E183	Interior monitor switch
G170	Left ultra-sonic sensor for anti-theft alarm system
G171	Right ultra-sonic sensor for anti-theft alarm system
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
T10f	10-pin connector, black, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
*	Only applies to Swiss export version

ws	=	white
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Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

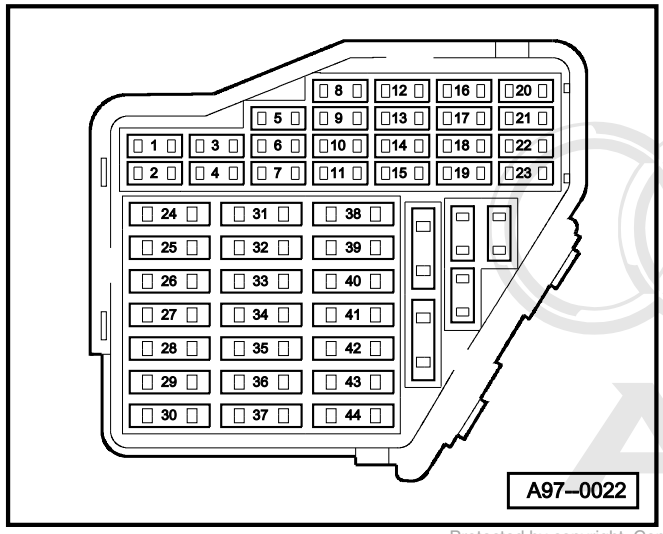
E15	Heated rear window switch
G183	Glass breakage sensor, rear left side window
G184	Glass breakage sensor, rear right side window
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T6q	6-pin connector, white, left connector point, A pillar
T6ae	6-pin connector, white, in luggage compartment, rear left
Z1	Heated rear window
81	Earth connection -1-, in dash panel wiring harness
218	Earth connection -1-, in rear lid wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

From 1997 model year

Fuse box:

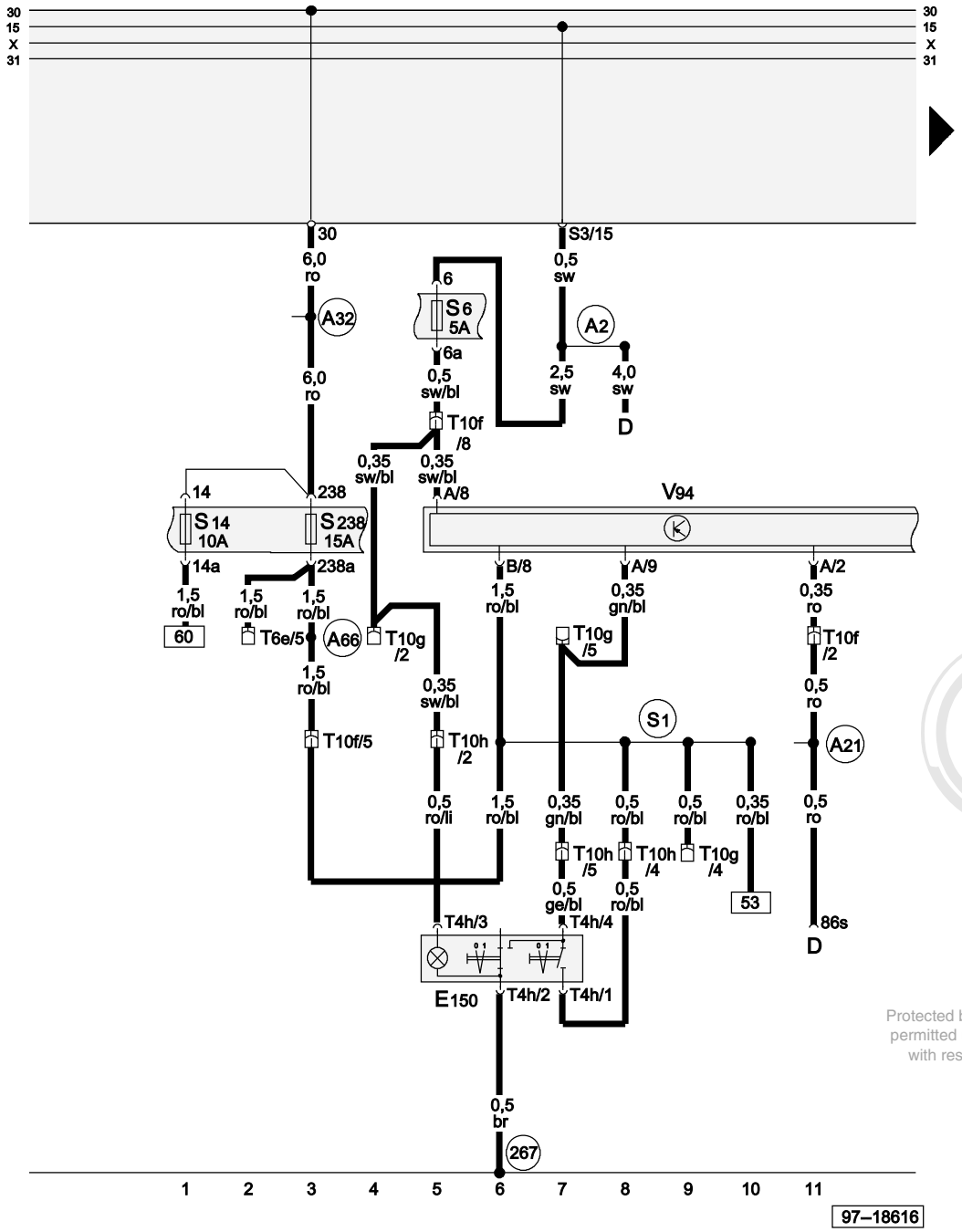


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - orange
5 A - beige

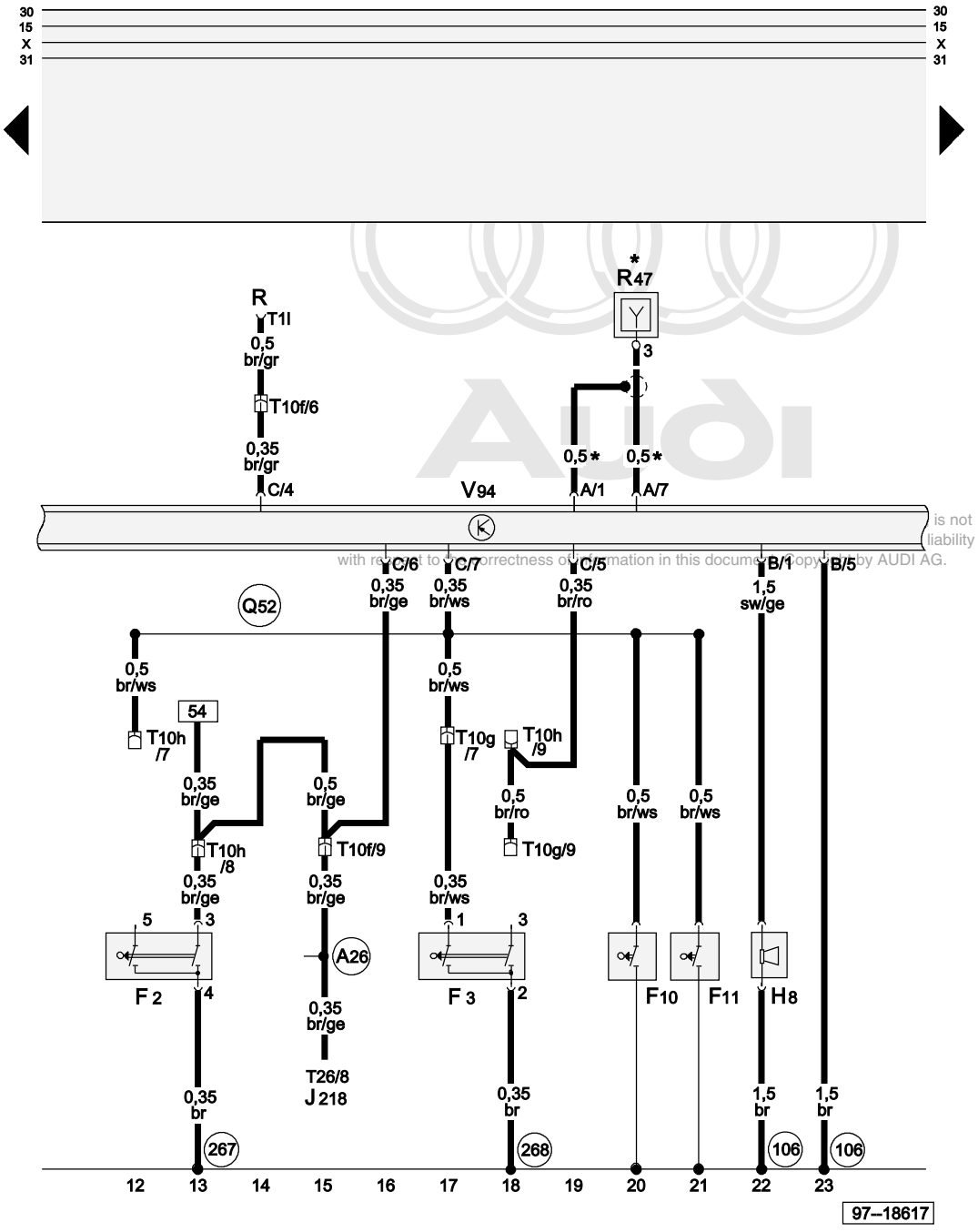


Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
E150	Interior locking switch, driver's side
S6	Fuse in fuse box/relay plate
S14	Fuse in fuse box/relay plate
S238	Fuse in fuse box
T4h	4-pin connector, in driver's door
T6e	6-pin connector, blue, left connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
267	Earth connection -2-, in door wiring harness - driver's side
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A66	Connection (30a, ZV/DWA/IR (central locking/anti-theft alarm system/ infra-red remote control)), in dash panel wiring harness
S1	Positive (+) connection (30), in central locking wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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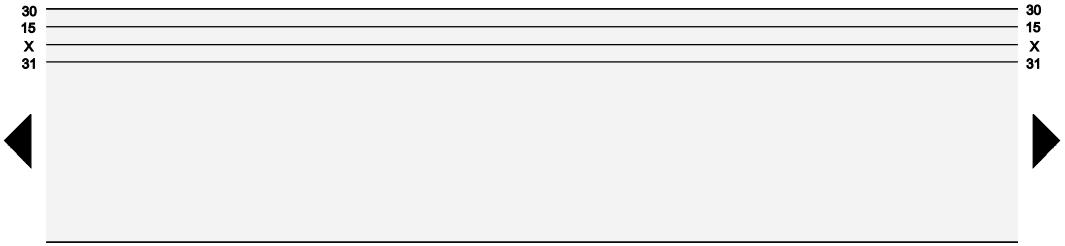


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gr = grey
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or = orange
rs = pink

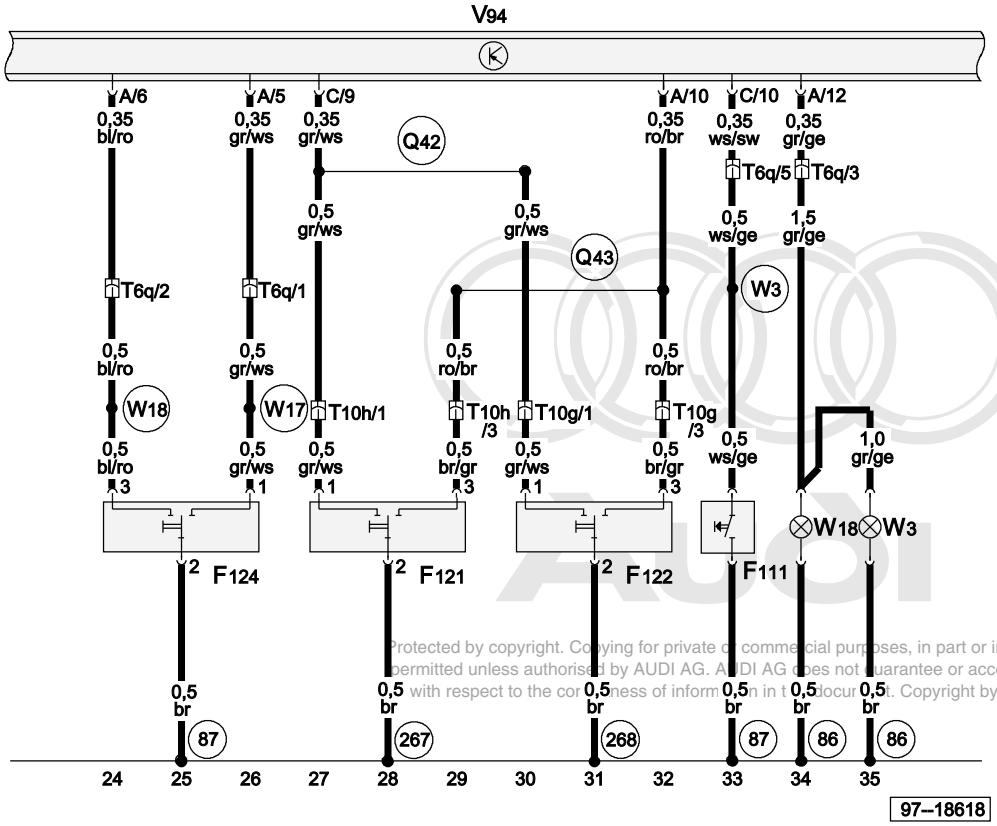
Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
H8	Anti-theft alarm system horn
R	Radio
R47	Central locking and anti-theft alarm system aerial
T1l	Single connector, brown, on radio
T10f	10-pin connector, black, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A26	Connection (door contact switch/driver's side), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	Only models with radio-operated remote control



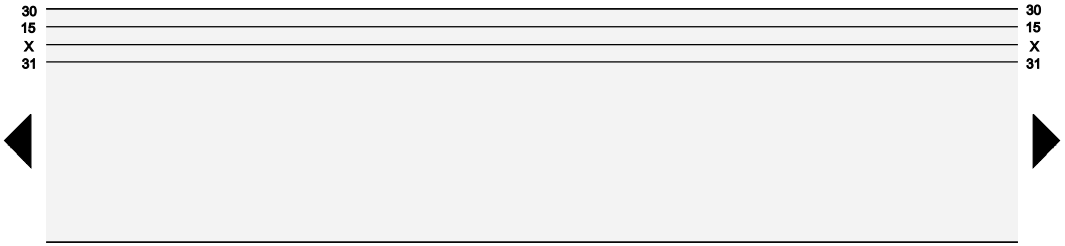
Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

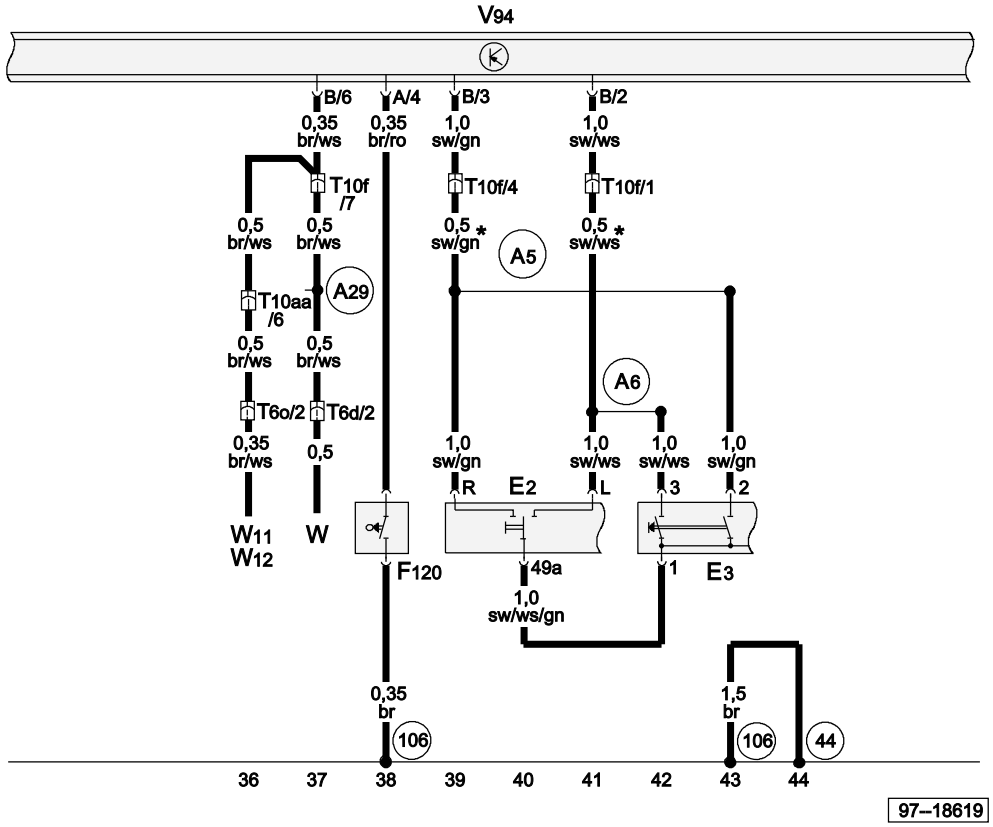
F111	Tailgate/boot lid contact switch
F121	Driver's door handle switch for anti-theft alarm system
F122	Front passenger's door handle switch for anti-theft alarm system
F124	Contact switch in lock cylinder
T6q	6-pin connector, purple, left connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W3	Luggage compartment light
W18	Luggage compartment light, left
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
Q42	Connection (lock cylinder open), in anti-theft alarm system wiring harness
Q43	Connection (lock cylinder closed), in anti-theft alarm system wiring harness
W3	Connection, in rear wiring harness
W17	Connection (lock cylinder open), in rear wiring harness
W18	Connection (lock cylinder closed), in rear wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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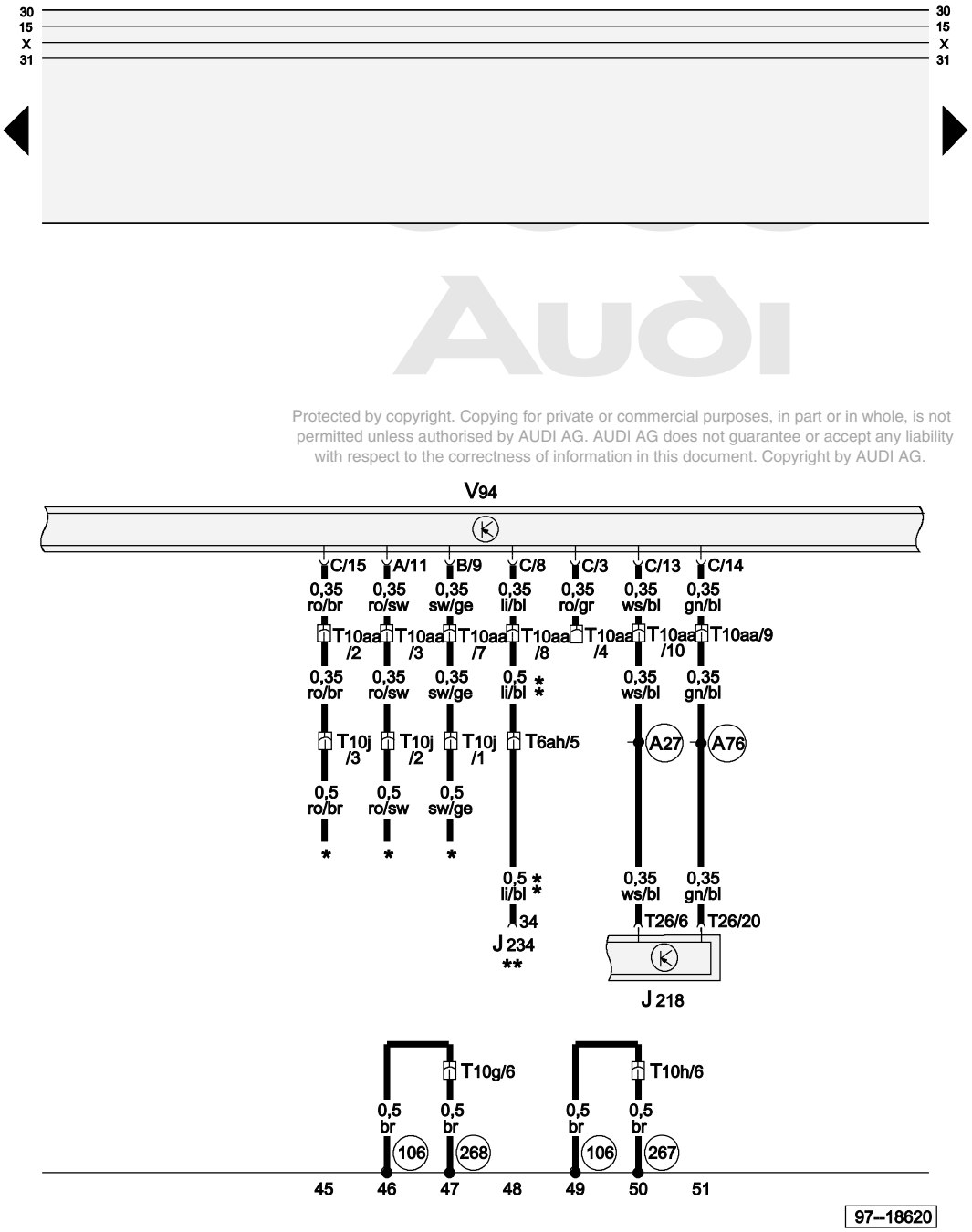


Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

E2	Turn signal switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T6d	6-pin connector, brown, left connector point, A pillar
T6o	6-pin connector, white, right connector point, A pillar
T10f	10-pin connector, black, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
44	Earth point, lower part of left A-pillar
106	Earth connection, in anti-theft alarm system wiring harness
A5	Positive (+) connection (right turn signal), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
*	Applies to Swiss export version - only models with infra-red remote control

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

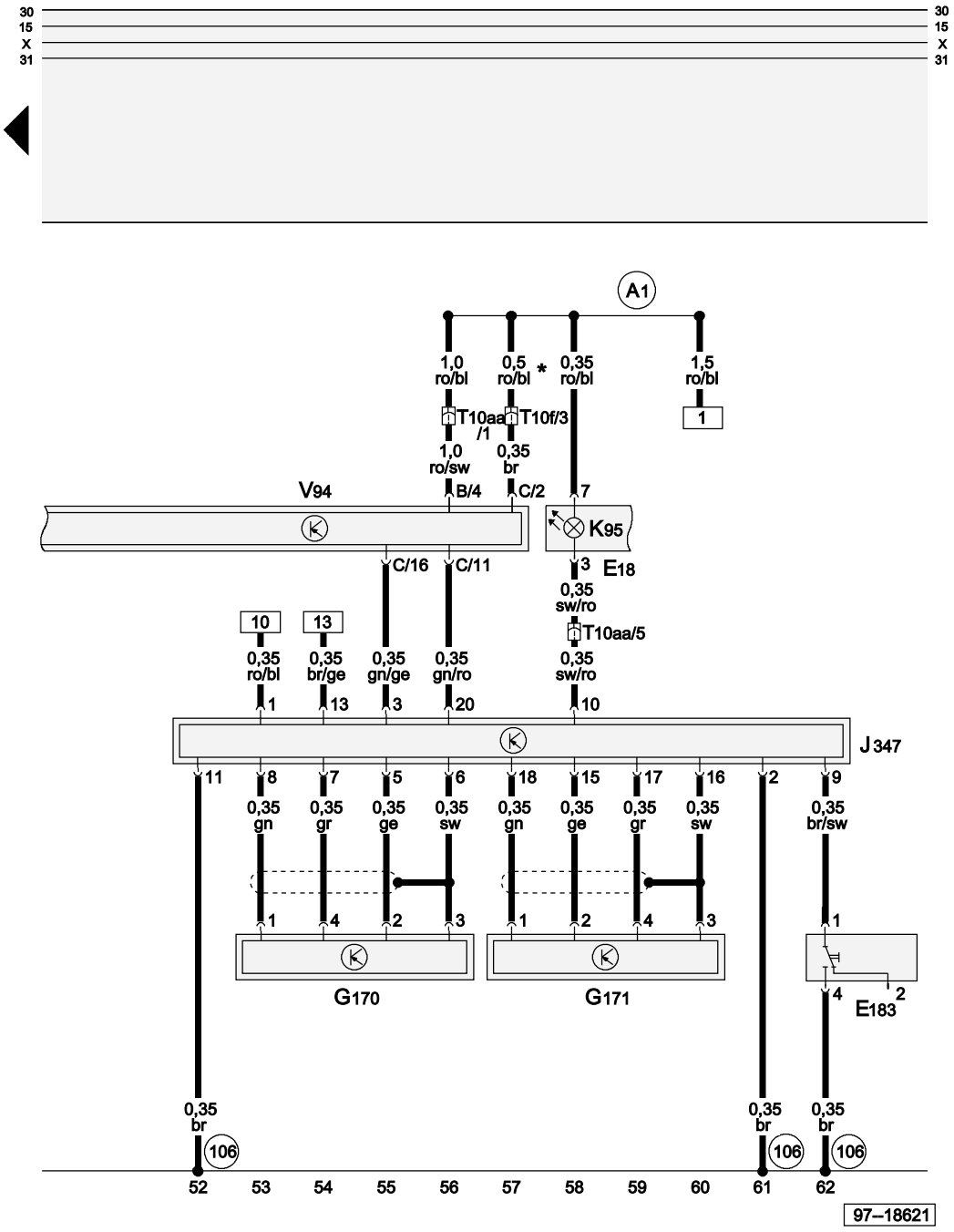


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Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

J218	Combi-processor in dash panel insert
J234	Airbag control unit
T6ah	6-pin connector, green, right connector point, A pillar
T10g	10-pin connector, brown, right connector point, A pillar
T10h	10-pin connector, brown, left connector point, A pillar
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
T26	26-pin connector, yellow, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - passenger's side
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	See applicable electric window Current Flow Diagram
**	Only models with side airbag

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Central locking system with interior lights switch-off delay and anti-theft alarm system with interior monitoring

E18	Rear fog light switch
E183	Interior monitor switch
G170	Left ultra-sonic sensor for anti-theft alarm system
G171	Right ultra-sonic sensor for anti-theft alarm system
J347	Ultra-sonic sensor control unit
K95	Alarm system warning lamp
T10f	10-pin connector, black, right connector point, A pillar
T10aa	10-pin connector, orange, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
106	Earth connection, in anti-theft alarm system wiring harness
A1	Positive (+) connection (30a), in dash panel wiring harness
*	Only applies to Swiss export version

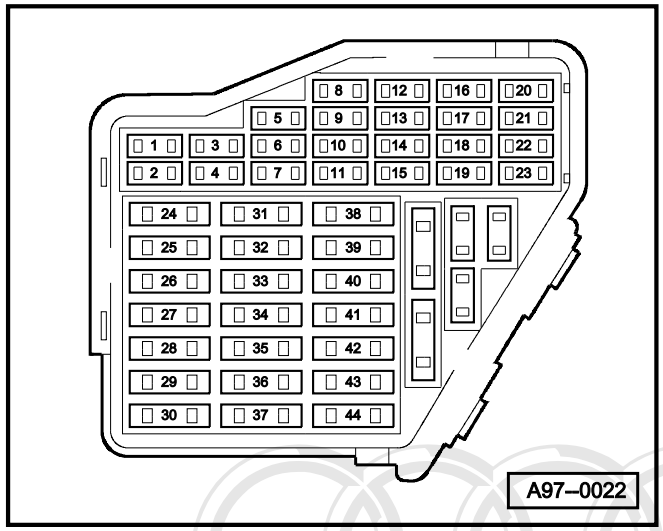
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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Electrically adjustable and heated exterior mirrors with fold-in feature

from model year 1997

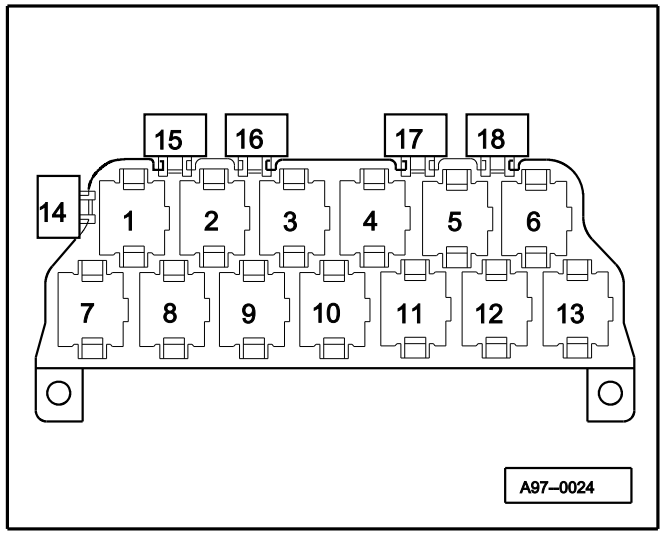
Fuse holder:



From fuse number 23 upwards the fuses in the fuse holder are designated as 223 in the Current Flow Diagram.

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13-point relay carrier:



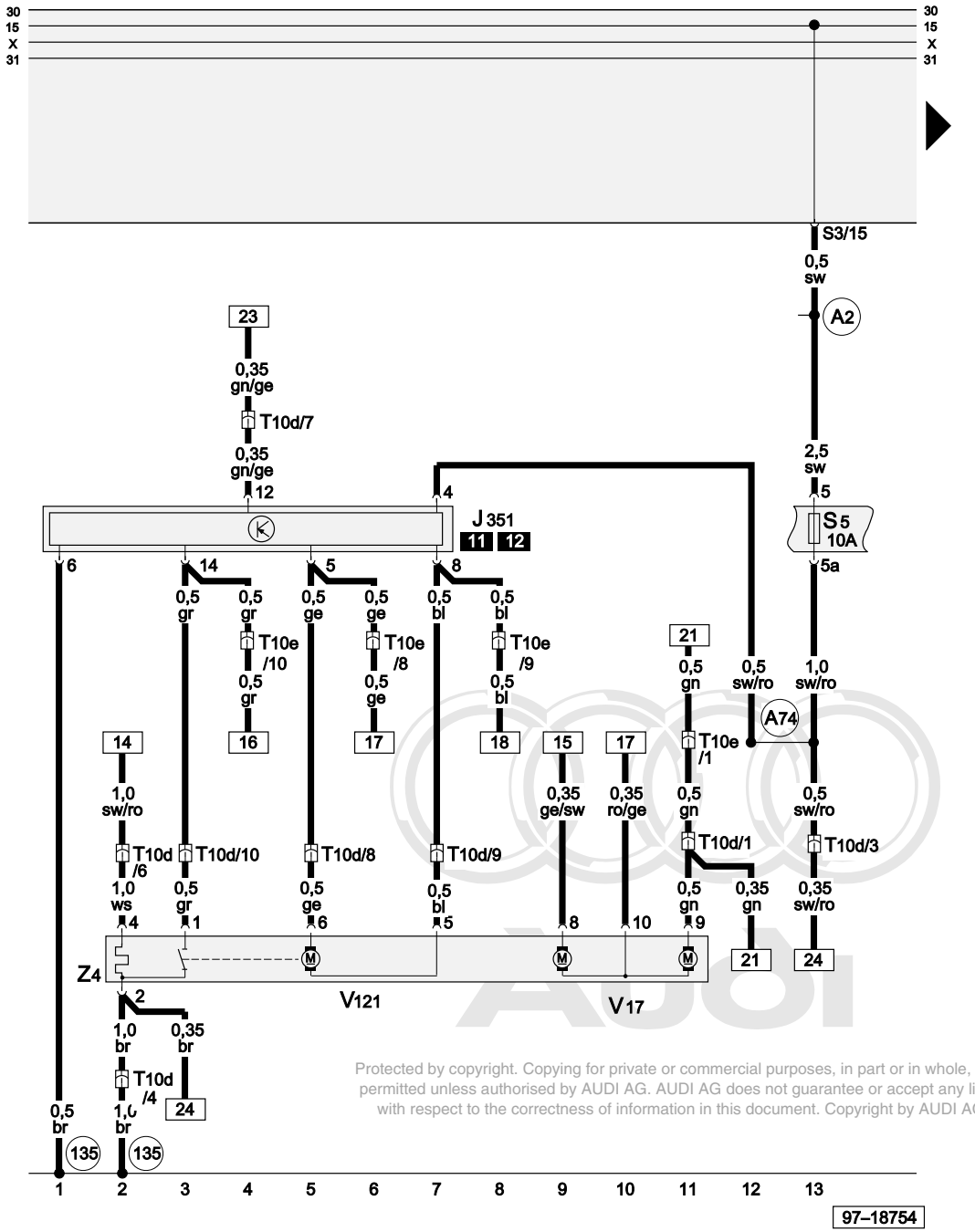
Relay positions:

11 - Mirror control unit (fold-in feature)
12 - Mirror control unit (fold-in feature)

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
5A - beige

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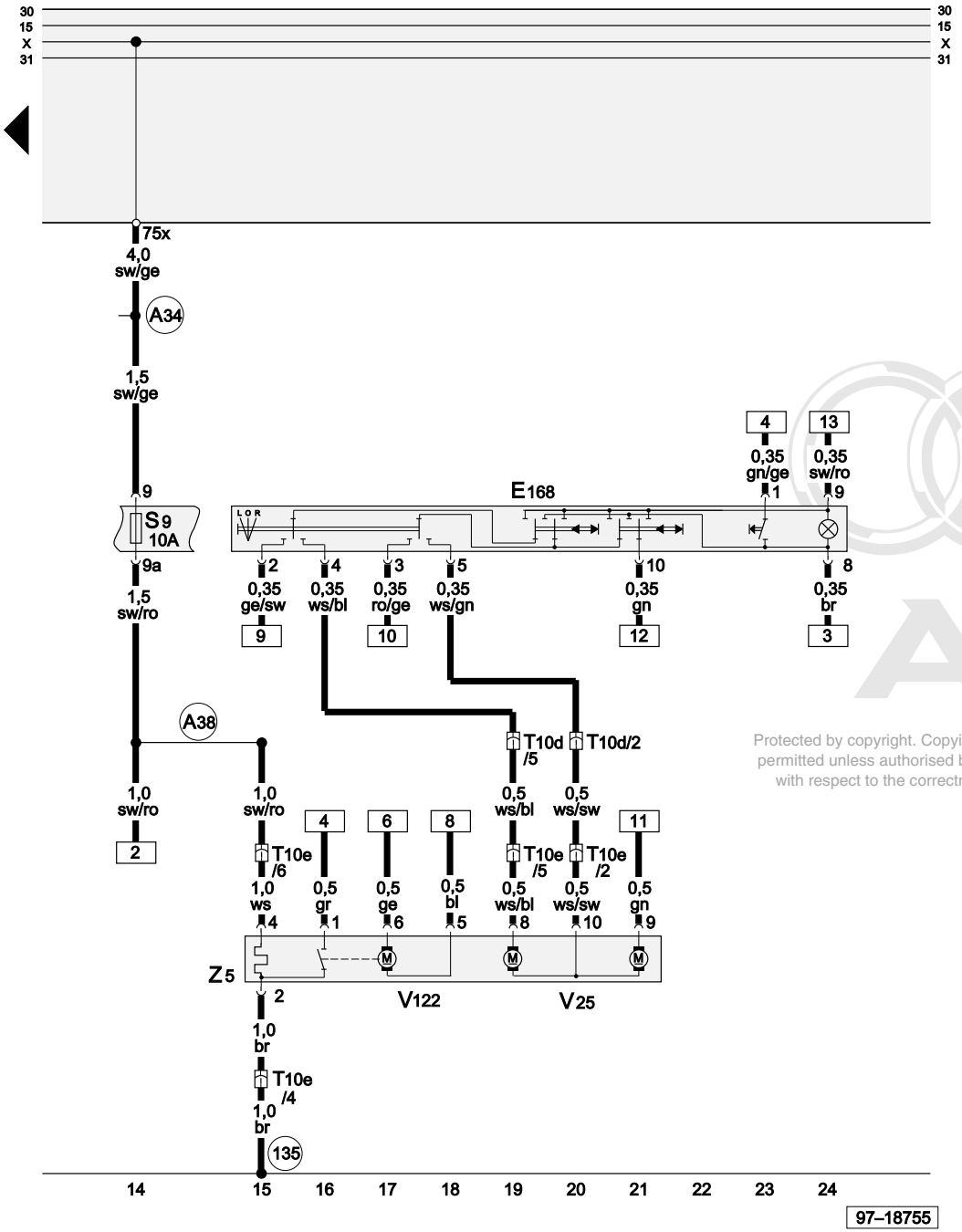


Electrically adjustable and heated exterior mirrors with fold-in feature

J351	Folding exterior mirror control unit
T10d	10-pin connector, black, connector point on left A-pillar
T10e	10-pin connector, black, connector point on right A-pillar
V17	Mirror adjustment motor (driver side)
V121	Driver side folding mirror motor
Z4	Heated exterior mirror on driver side
135	Earth connection 2, in dash panel wiring harness
A2	Positive connection (15), in dash panel wiring harness
A74	Positive connection (15a-fuse 5), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electrically adjustable and heated exterior mirrors with fold-in feature

E168	Adjustment switch for mirror with fold-in feature
T10d	10-pin connector, black, connector point on left A-pillar
T10e	10-pin connector, black, connector point on right A-pillar
V25	Mirror adjustment motor (front passenger side)
V122	Front passenger side folding mirror motor
Z5	Front passenger side heated exterior mirror
135	Earth connection 2, in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A38	Positive connection (15aII), in dash panel wiring harness

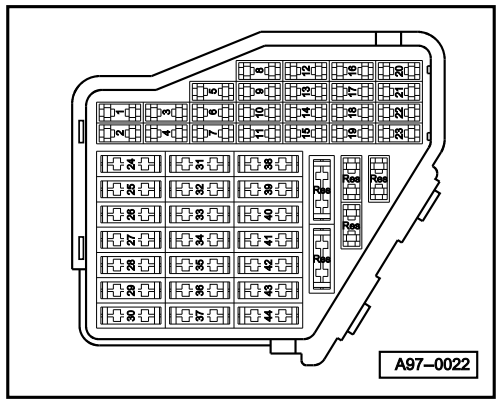
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gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front and rear fog lights

From model year 1997

Fuse box:

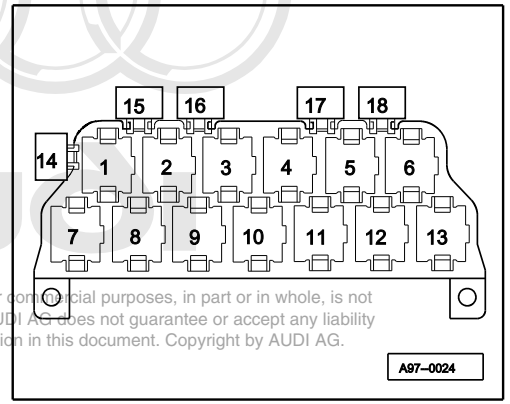


Fuse colours

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5A – beige

From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

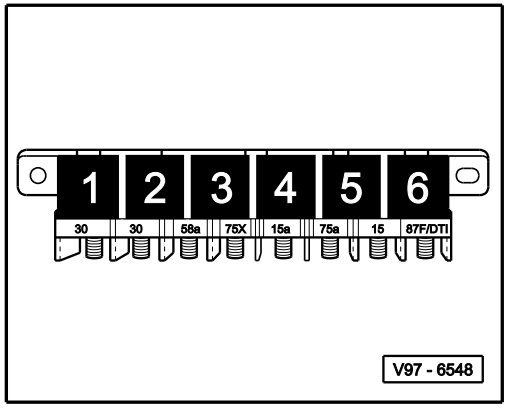
13-point relay carrier:



Position of relays:

10 – Fog light relay

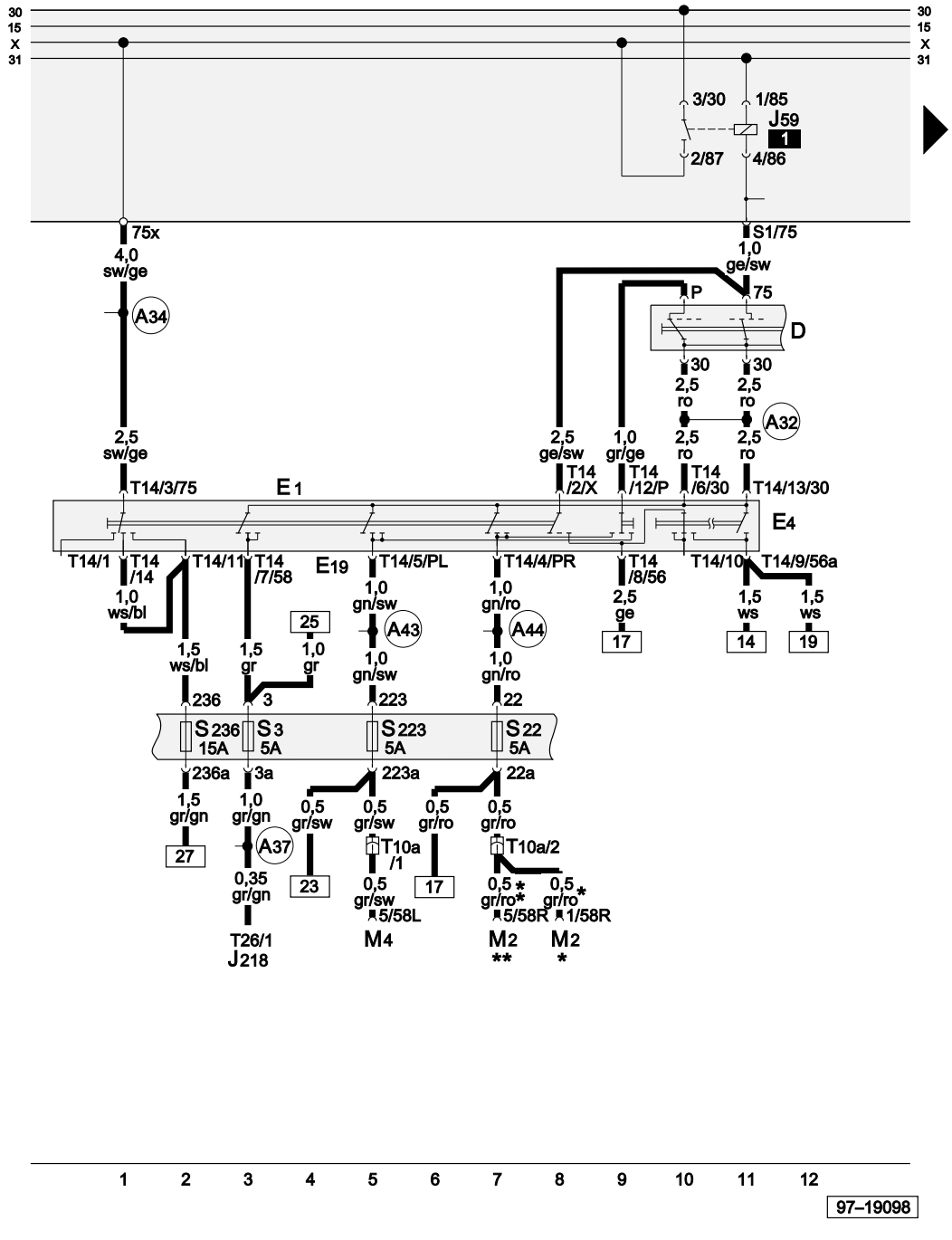
Central electrics - front side:



Position of relays:

1 – X contact relief relay

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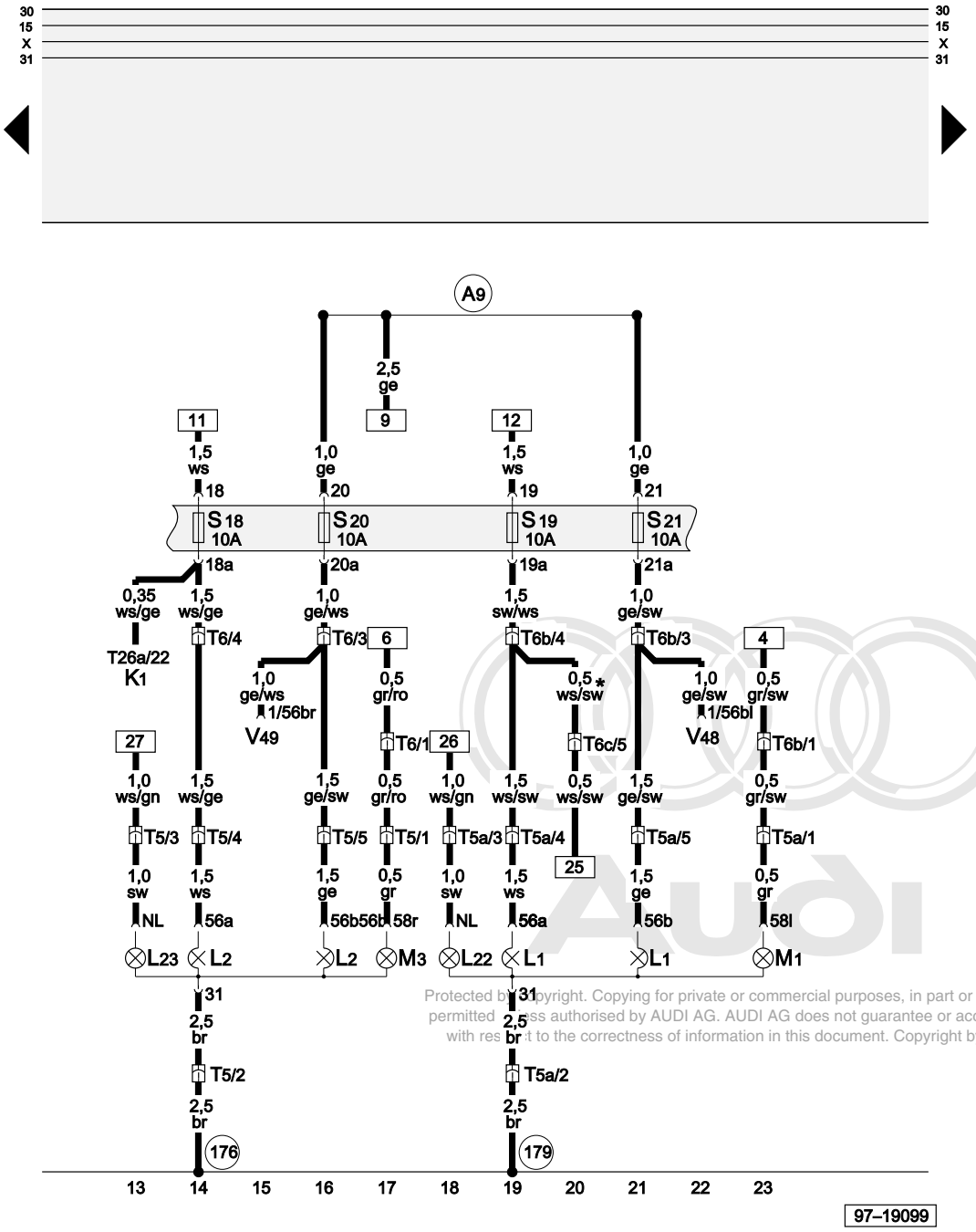


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br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Front and rear fog lights

D	Ignition/starter switch
E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J59	X contact relief relay
J218	Combi-processor in dash panel insert
M2	Tail light bulb, right
M4	Tail light bulb, left
T10a	10-pin connector, brown, left connector point, A pillar
T14	14-pin connector, black, at steering column switch
T26	26-pin connector, yellow, on dash panel insert
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A37	Connection (58a), in dash panel wiring harness
A43	Connection (57L), in dash panel wiring harness
A44	Connection (57R), in dash panel wiring harness
*	Applies to Audi saloon only
**	Applies to Audi Avant models only (from model year 1996)

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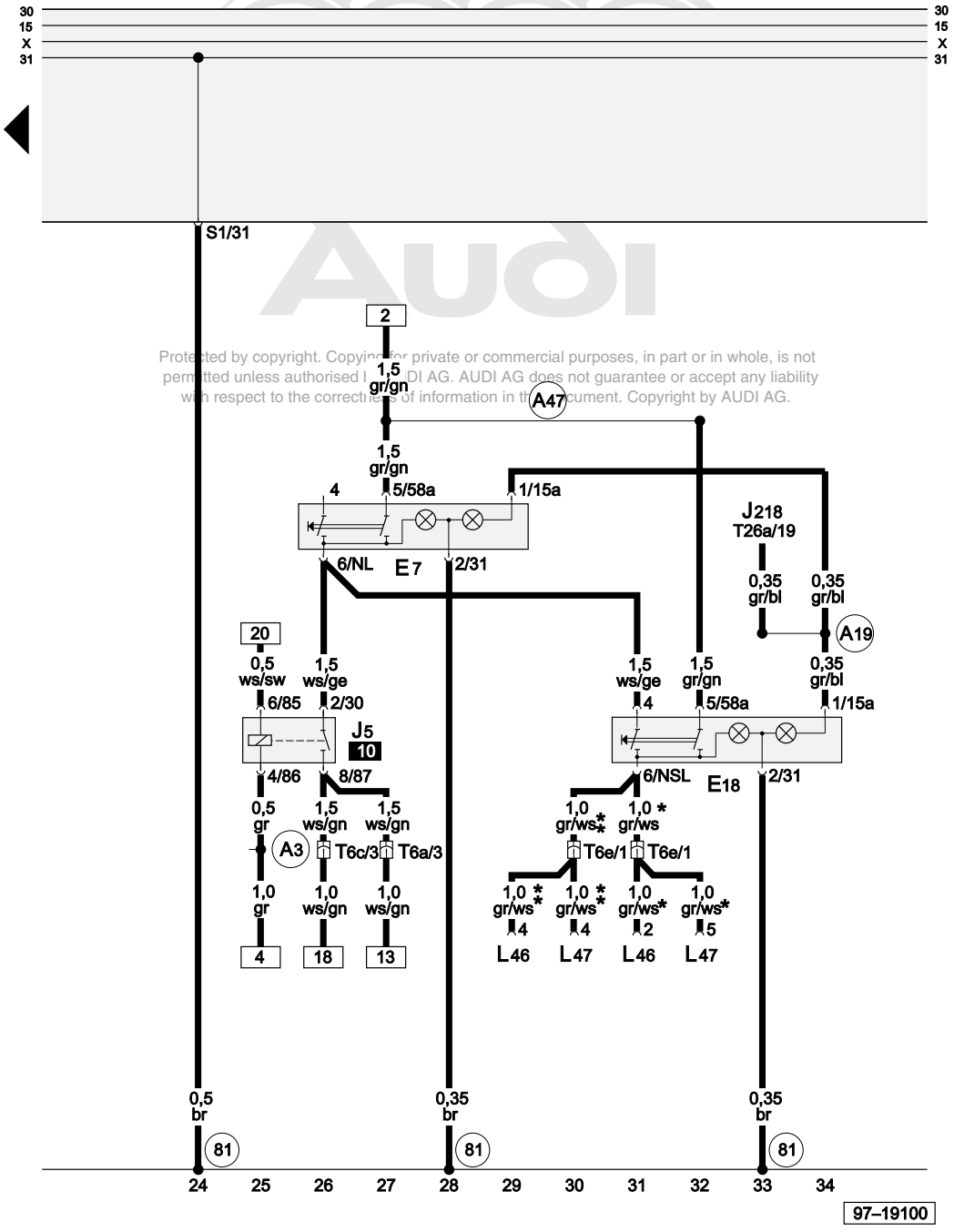


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Front and rear fog lights

K1	Main beam warning lamp
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L22	Fog light bulb, left
L23	Fog light bulb, right
M1	Side light bulb, left
M3	Side light bulb, right
T5	5-pin connector, near headlight, right
T5a	5-pin connector, near headlight, left
T6	6-pin connector, yellow, right connector point, A pillar
T6b	6-pin connector, yellow, left connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
V48	Headlight range control motor, left
V49	Headlight range control motor, right
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A9	Positive (+) connection (56b), in dash panel wiring harness



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Front and rear fog lights

E7	Fog light switch
E18	Rear fog light switch
J5	Fog light relay
J218	Combi-processor in dash panel insert
L46	Rear fog light bulb, left
L47	Rear fog light bulb, right
T6a	6-pin connector, red, right connector point, A pillar
T6c	6-pin connector, red, left connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T26a	26-pin connector, blue, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A47	Connection (55), in dash panel wiring harness
*	Applies to Audi saloon only
**	Applies to Audi Avant models only (from model year 1996)

Diagnostic wiring

Fault finding in the case of faults in establishing communication between fault reader V.A.G 1551 and control units with self-diagnosis facility.

Contents:

1. Engine control unit does not answer	1/1
2. Control unit does not answer	1/4
3. Testing diagnostic wiring V.A.G 1551/3	1/6

Test requirements:

- Power supply OK
- Correct address words of all the control units with self-diagnosis facility fitted to car are known.
- Applicable Current Flow Diagram and Workshop Manuals of the systems with self-diagnosis facility are available.

Test equipment:

- Fault reader V.A.G 1551 and diagnosis connection V.A.G 1551/3
- Adapter cable set V.A.G 1594
- Test box V.A.G 1598
- Portable multimeter V.A.G 1526

Note:

With the model launch of the Audi A4, the bolted connections of the diagnostic wiring in the electrical centre in the plenum chamber are discontinued and are replaced by a connection in the diagnostic wiring loom (welded connection). Consequently, it is no longer possible to separate the individual K wires of the control units. When fault finding, it is therefore necessary to unplug the individual connectors of the control units.

1. Engine control unit does not answer

On models fitted with an electronic immobiliser, the K wire of the engine control unit runs via a cable connection in the diagnostic wiring loom and the immobiliser control unit -J362.

Note: If one of the four fault messages below appears in the display of V.A.G 1551 after selecting engine electronics (address word 01), proceed as follows:

◀ Readout in display:

Rapid data transfer HELP Control unit does not answer

or

Rapid data transfer Fault in communication build-up

or

Rapid data transfer HELP K wire not switching to earth

or

Rapid data transfer HELP K wire not switching to positive

Test step 1.1

- Test diagnostic wiring V.A.G 1551/3 ⇒ page 1/6, and replace if necessary.
- Select engine control unit (address word 01) with V.A.G 1551.
- If engine control unit does not answer, select another control unit fitted in the vehicle (except immobiliser). If no other control unit answers, refer to fault finding "Control unit does not answer", test step 2.2.
- If another control unit answers, carry on with the next test step.

Test step 1.2

- Select immobiliser control unit (address word 25) with V.A.G 1551.
- If immobiliser control unit -J362 answers, continue with test step 1.3.
- If immobiliser control unit -J362 does not answer, continue with test step 1.4.

Test step 1.3

- Unplug connector from immobiliser control unit -J362. Connect plug to test box V.A.G 1598.
- Bridge pin 9 and 10 of immobiliser control unit with cable from adapter cable set V.A.G 1594.
- Once again select engine control unit (address word 01).
- If engine control unit answers, replace immobiliser control unit -J362. The fault is thus rectified.
- If engine control unit does not answer, unplug connector from engine control unit and connect second test box V.A.G 1598.
- Test cable connection between immobiliser control unit -J362 and engine control unit for open circuit, short circuit to earth and short circuit to positive on the basis of the Current Flow Diagram and rectify fault, if necessary. If engine control unit is equipped with an additional L wire, this must also be checked on the basis of the Current Flow Diagram.
- If no fault is found in the cable connection (cable connections), replace engine control unit. The fault is thus rectified.

Test step 1.4

- Unplug connector from immobiliser control unit -J362. Connect plug to test box V.A.G 1598.
- Bridge pin 9 and 10 of immobiliser control unit with cable from adapter cable set V.A.G 1594.
- Once again select engine control unit (address word 01).
- If engine control unit answers, replace immobiliser control unit -J362. The fault is thus rectified.
- If engine control unit does not answer, open cable connection (welded connection) in diagnostic wiring loom.
- Connect test box V.A.G 1598 to control unit connector and test connection between cable connection in diagnostic wiring loom and control unit connector for open circuit, short circuit to earth and short circuit to positive on the basis of the Current Flow Diagram and rectify fault, if necessary.

Note:

Colour of connection to immobiliser control unit ⇒ Current Flow Diagram.

2. Control unit does not answer

Note: If one of the four fault messages below appears in the display of V.A.G 1551 after selecting the appropriate control unit or when "Performing automatic test sequence" (address word 00), proceed as follows:

◀ Readout in display:

Rapid data transfer HELP Control unit does not answer

or

Rapid data transfer Fault in communication build-up

or

Rapid data transfer HELP K wire not switching to earth

or

Rapid data transfer HELP K wire not switching to positive

Test step 2.1

- Test diagnostic wiring V.A.G 1551/3 ⇒ page 1/6, and replace if necessary.
- Select appropriate control unit with V.A.G 1551.
- If control unit does not answer, select another control unit fitted in the vehicle. If this control unit answers, continue with test step 2.6.
- If no other control unit answers, carry on with the next test step.

Test step 2.2

- Unplug all the connectors of the control units with self-diagnosis facility fitted to the car (refer also to "Current Flow Diagrams, Fault Finding Electrical System and Fitting Locations Binder"), with the exception of the appropriate control unit.

Note: After rectifying the fault, plug in the connectors again at all the control units.

Test step 2.3

- Select the control unit which is still connected with V.A.G 1551.
- If control unit does not answer, continue with test step 2.4
- If control unit now answers, the fault is at another control unit.
- Plug in again all control unit connectors one after the other and select a connected control unit each time. If the fault still exists, the control unit last connected is causing the fault.

Note:

The engine control unit can only be selected after the connector on the immobiliser control unit has been plugged in.

- Replace control unit which is causing the fault. The fault is thus rectified.

Test step 2.4

- Unplug connector from control unit and reconnect another control unit.
- Select the control unit which is now connected. If this control unit answers, the control unit last connected is causing the fault and must be replaced.
- If this control unit does not answer, too, disconnect connection once again and continue with the next test step.

Test step 2.5

- Open cable connection (welded connection) in diagnostic wiring loom.

Note: Colours of connections to the various control units ⇒ Current Flow Diagram.

- Connect test box V.A.G 1598 to the unplugged control unit connectors one after the other and test the connections between cable connection in diagnostic wiring loom and the control unit connectors for open circuit, short circuit to earth and short circuit to positive on the basis of the Current Flow Diagram, and rectify the fault. The fault is thus rectified.

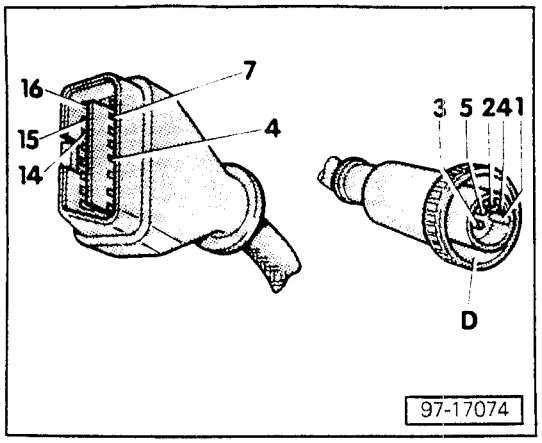
Note: After rectifying the fault, plug in the connectors again at all the control units.

Test step 2.6:

- Unplug connector from control unit, which does not answer.
- Open cable connection (welded connection) in diagnostic wiring loom.
- Connect test box V.A.G 1598 to control unit connector and test connection between cable connection in diagnostic wiring loom and control unit connector for open circuit, short circuit to earth and short circuit to positive on the basis of the Current Flow Diagram and rectify fault, if necessary.
- If no fault is found in the connection, replace control unit.

3. Testing diagnostic wiring V.A.G 1551/3

- Test diagnostic wiring for continuity with portable multimeter V.A.G 1526.



◀ Connector at car end and connector -D- at tester end of diagnostic wiring V.A.G 1551/3

Connector at car end	Connector -D- at tester end
4	3 Battery (-)
7	1 K wire
14	5 Lamp wire
15	4 L wire
16	2 Battery (+)

Note: If no readout appears in the display, the fault may also be a dirty programme card in V.A.G 1551. In this case, clean the contacts of the programme card with a lint-free cloth dipped in methylated spirits and insert the card into the slot again.

Central locking with anti-theft alarm system, interior light control circuit and infra-red remote control do not work

Contents:

1. Complete test	p. 4/1
Step 1: Testing power supply	p. 4/1
Step 2: Testing actuation signal for turn signals/horn	p. 4/2
Step 3: Connecting V.A.G 1598 to central locking pump V94	p. 4/2
Step 4a: Testing door contacts, switch contacts and control signal wires (contacts to earth)	p. 4/3
Step 4b: Testing door contacts, switch contacts and control signal wires (positive contacts)	p. 4/5
Step 5: Testing interior lights and automatic close function	p. 4/6
Step 6: Testing infra-red signals	p. 4/7
2. Tests based on fault symptoms	p. 4/8
Vehicle does not react to signals from infra-red keys	p. 4/8
Central locking does not work	p. 4/8
Interior monitor is not activated	p. 4/9
Interior monitor does not activate alarm	p. 4/10
Anti-theft alarm system is not activated (no horn signal to confirm activation)	p. 4/11
3. General procedures	p. 4/12
Testing batteries in keys	p. 4/12
Erasing memory in control unit	p. 4/12
Programming keys	p. 4/12
Synchronising keys	p. 4/12
Testing infra-red system	p. 4/13

Test equipment:

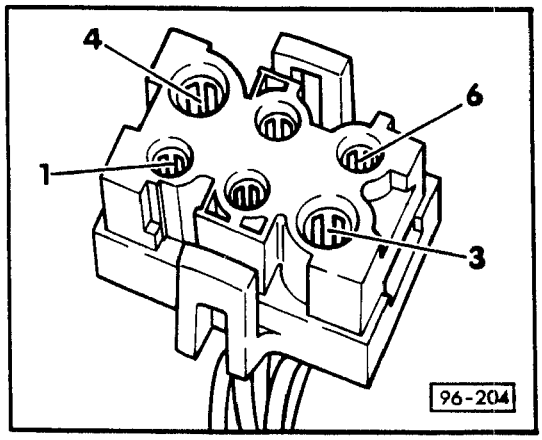
- Test box V.A.G 1598 with test lead V.A.G 1598/11
- Multimeter V.A.G 1526
- Test lamp V.A.G 1527 A

Requirements for testing:

- At least two keys must be available in order to programme keys.
- Fuses must be OK.

1. Complete test

Note: **Connections of 6-pin plug B on central locking pump V94**



Contact 1: Terminal 30, battery voltage

Contact 2: Terminal 30, battery voltage

Contact 3: Terminal 31, earth

Contact 4: Horn for anti-theft alarm

Contact 5: Turn signals (right)

Contact 6: Turn signals (left)

Step 1: Testing power supply

Requirements for test: Plug B must be disconnected from central locking pump.

- Using multimeter V.A.G 1526 test voltage between contact 1 and contact 3, and between contact 2 and 3.
  - Specified value: Battery voltage

The specified value must be obtained in both measurements. If this is not the case:

- Test wiring for open circuit/short circuit using Current Flow Diagram.

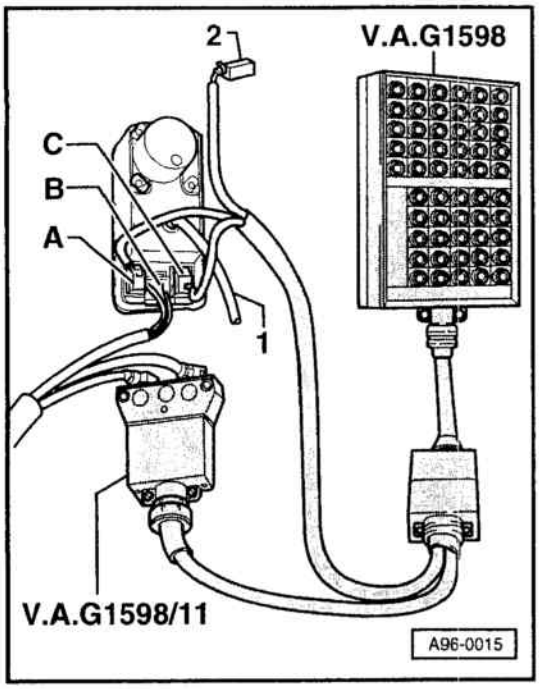
Step 2: Testing actuation signal for turn signals/horn

Note: See page 4/1 for connections on 6-pin plug

- Connect test lead between contact 1 and contact 4.
  - Horn for anti-theft alarm must sound.
- Connect test lead between contact 1 and contact 5.
  - Right turn signals must light up continuously.
- Connect test lead between contact 1 and contact 6.
  - Left turn signals must light up continuously.

  If the correct result is not obtained in all of these test steps, test wiring for open circuit/short circuit using Current Flow Diagram.
  If no fault is found, replace turn signal bulbs or horn for anti-theft alarm.

Step 3: Connecting V.A.G 1598 to central locking pump V94



A- Black 12-pin plug
(Control signal wires)

B- Black 6-pin plug
(Power supply)

C- Brown 16-pin plug
(Control signal wires)

1- Hose

2- not connected

Note: Identification of contacts on test box V.A.G 1598

Contacts on plug A	1	2	3	4	5	6	7	8	9	10	11	12				
Contacts on V.A.G 1598	41	42	43	44	45	46	47	48	49	50	51	52				
Contacts on plug C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Contacts on V.A.G 1598	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Step 4a: Testing door contacts, switch contacts and control signal wires (contacts to earth)

Requirements for test: Plug A and plug C must be disconnected from central locking pump V94.

The sockets listed below must have contact to earth when the test steps are performed as described.

Notes:

- The affected components are given in brackets for each test.
- The rear lid can remain open while performing the test.
- In order to measure the earth signal with V.A.G 1526:
  If the locking knob in the driver's door is in the "up" position, battery voltage will be present at socket 45 (live). Connect the multimeter between socket 45 and the respective sockets listed below.
  • Specified value: Battery voltage

Socket on V.A.G 1598	Corresponds to plug/ contact	Test steps
43	A/3	Unlock doors or luggage compartment lid with key, and hold key in "unlock" position. (F121, driver's door handle switch for anti-theft alarm F122, passenger door handle switch for anti-theft alarm F124, contact switch in lock cylinder on rear lid)
44	A/4	Lock front passenger's door with key and hold key in "lock" position (F122, passenger door handle switch for anti-theft alarm)
6	C/6	Lock luggage compartment with key: turn key to vertical position, and then turn 1/8th turn to the right and hold it in this position (F124, contact switch in lock cylinder on rear lid)
50	A/10	One or more doors must be open (F10, door contact switch, rear left F11, door contact switch, rear right F2, door contact switch, driver's side F3, door contact switch, front passenger's side)
4	C/4	Rear lid must be open **Note:** Turn rotary latch to closed position by hand and then open again with the key (F111 contact switch in rear lid)
14	C/14	Engine bonnet must be open (F120, contact switch for anti-theft alarm)
13	C/13	Radio must be fitted
51	A/11	Locking knob on front passenger's door must be in "down" position (F114, switch for central locking, front passenger's side)

Notes:

- The affected components are given in brackets for each test.
- The rear lid can be left open while performing the tests.
- To test earth signals with V.A.G 1526:
  If the locking knob on the front passenger's door is in the "up" position, battery voltage will be present at socket 51 (live). Connect multimeter between socket 51 and the respective sockets listed below.
  - Specified value: Battery voltage

Socket on V.A.G 1598	Corresponds to plug/ contact	Test steps
44	A/4	Lock driver's door with key and hold key in "lock" position (F121, driver's door handle switch for anti-theft alarm)
45	A/5	Locking knob on driver's door must be in "down" position **Note :** Driver's door must be closed (F59, central locking switch, driver's side)

If the specified result is not obtained for each test reading, test wiring for open circuit/short circuit using Current Flow Diagram, and check operation of components.

Step 4b: Testing door contacts, switch contacts and control signal wires (positive contacts)

Requirements for test: Plug A and plug C must be disconnected from central locking pump V94.

The sockets listed below must be live (battery voltage, positive) when the test steps are performed as described.

Notes:

- The affected components are given in brackets for each test.
- In order to measure the battery voltage signal with V.A.G 1526:
  Socket 4 has contact to earth when the rear lid is open (rotary latch open). Connect multimeter between socket 4 and the respective sockets listed below.
  • Specified value: Battery voltage.

Socket on V.A.G 1598	Corresponds to plug/contact	Test steps
41	A/1	Ignition on (terminal 15)
42	A/2	Ignition key must be turned about 1/8th turn to the right in the ignition switch
45	A/5	Locking knob in driver's door must be in "up" position (F59, switch for central locking, driver's side)
51	A/11	Locking knob in front passenger's door must be in "up" position (F114, switch for central locking, front passenger's side)
3	C/3	Only in vehicles for Switzerland

If the specified result is not obtained for each test reading, test wiring for open circuit/short circuit using Current Flow Diagram and check operation of components.

Step 5: Testing interior lights and automatic close function

Requirements for test: Plug A and plug C must be connected on central locking pump V94.

The sockets listed below must have contact to earth when the test steps are performed as described.

Notes:

- The affected components are given in brackets for each test step.
- In order to measure the earth signal with V.A.G 1526:
  If the locking knob on the driver's door is in the "up" position, battery voltage will be present at socket 45 (live). Connect the multimeter between socket 45 and the respective sockets listed below.
  • Specified value: Battery voltage
- The driver's door must be left open when measuring the earth signal for the automatic close function, otherwise the locking knob on the door will move to the "down" position.

Socket on V.A.G 1598	Corresponds to plug/ contact	Test steps
52	A/12	(Control signal for delay function of interior lights) **Requirement for test:** All doors must be closed, then open one door and close it again for a period of 30 seconds after the door is closed (F10, door contact switch, rear left F11, door contact switch, rear right F2, door contact switch, driver's side F3, door contact switch, front passenger's side)
8	C/8	(Automatic close function) Lock the vehicle by turning the key in the driver's or front passenger's door, and hold the key in the "lock" position (F121, driver's door handle switch for anti-theft alarm F122, passenger door handle switch for anti-theft alarm)

If the specified result is not obtained for each test reading, test wiring for open circuit/short circuit using Current Flow Diagram, and check function of components. If no fault is found, and no faults were found in steps 1, 2 or 4, renew central locking pump V94.

Step 6: Testing infra-red signals

Requirements for test:

- Plug A and plug C must be connected on central locking pump V94.
- Use voltage tester V.A.G 1527 A

The LED on voltage tester V.A.G 1527 A must flicker when the tester is connected between the pairs of sockets listed below and the test steps are performed as described.

Note: The affected components are given in brackets for each test.

Pair of sockets on V.A.G 1598	Corresponds to plug/ contact	Test steps
10 16	C/10 C/16	Stand on driver's side of car and operate transmitter button on infra-red key (G117, infra-red sensor for central locking, left)
2 15	C/2 C/15	Stand on passenger's side of car and operate transmitter button on infra-red key (G118, infra-red sensor for central locking, right)

If the LED does not flicker, test wiring for open circuit/short circuit using Current Flow Diagram.

2. Tests based on fault symptoms

1. Vehicle does not react to signals from infra-red keys

1.- Perform test of infra-red system (see general procedures, page 4/13)

If this test shows that the fault is not caused by the key, continue with step 5. If the fault is caused by the key, continue with steps 2, 3 and 4.

2.- Synchronise the keys affected (see general procedures, page 4/12)

If this does not rectify the fault,

3.- test the batteries of the keys affected (see general procedures, page 4/12)

If the batteries are OK,

4.- programme all available keys (see general procedures, page 4/12)

Note: This can erase the programming of the keys which are not available when the programming is performed.

• If this does not rectify the fault, renew the key(s).

5.- Disconnect the plug from one infra-red sensor, and transmit an infra-red signal to the other sensor.

If the vehicle now reacts, renew the disconnected infra-red sensor. If this does not rectify the fault,

6.- Reconnect the plug, and disconnect the plug from the second infra-red sensor. Transmit an infra-red signal to the other sensor.

If the vehicle now reacts, replace the disconnected infra-red sensor. If the fault has not been rectified,

7.- Perform step 6 of the complete test (page 4/7).

If no fault is found,

8.- renew central locking pump V94.

2. Central locking system does not work

– If the central locking pump runs, check the central locking system for leaks.

Note:

If the central locking pump does not operate the locks after running for 3 to 7 seconds (maximum), this means there is a leak in the central locking system. The pump is switched off after 15 seconds by a safety circuit. If necessary, locate the leak by disconnecting and clamping off the hoses as required.

– If the central locking pump does not run, perform the complete test.

3. Interior monitor (movement detector) is not activated

Requirements for test:

When the anti-theft alarm is switched on, the horn sounds briefly to confirm that the system has been activated. However, the horn will only sound when the rear lid is closed. In order to perform measurements on the central locking pump, turn the rotary latch on the rear lid to the locked position by hand.

- Lock the vehicle in order to activate the anti-theft alarm.
- If the horn does not sound briefly, refer to the test "Anti-theft alarm is not activated" (tests based on fault symptoms).
- If the horn does sound briefly, watch the LED in the switch for the rear fog light.
- If there is a visible reaction from the LED, test the interior monitor as described in the *Workshop Manual, Audi A4, Electrical System,* and rectify the fault.
- If the LED does not react, unlock the vehicle again, and connect V.A.G 1598 to the central locking pump (see step 3 of the complete test, page 4/2).
- Connect multimeter V.A.G 1526 between socket 5 (activation of interior monitor) and socket 4 (earth: rear lid open).
  - Reading must show a constant voltage.

Note: The rotary latch on the rear lid must be open in order to obtain an earth signal at socket 4.

- Lock the vehicle in order to activate the anti-theft alarm.
  - The indicated voltage must drop briefly at regular intervals.

Note: The horn will not sound to confirm activation when the vehicle is locked, since the rear lid is open.

If the multimeter does not indicate the constant voltage reading and subsequent voltage drop,

- test wiring to control unit for interior monitor J347 for short circuit/open circuit using Current Flow Diagram.

If no fault is found,

- renew control unit for central locking V94.

If the multimeter **does** indicate the constant voltage reading and subsequent voltage drop,

- renew the control unit for interior monitor J347.

4. Interior monitor does not activate alarm

Requirements for test: The interior monitor must first be tested as described in the *Workshop Manual, Audi A4 Electrical System,* and no fault found.

- Switch off interior monitor as described in Owner's Manual.
- Lock vehicle in order to activate anti-theft alarm, but leave one window open.
- Wait for 30 seconds, then reach through the open window and open the door from inside. This must trigger the anti-theft alarm.

If the alarm is not triggered,

- perform the complete test.

If the alarm is triggered,

- unlock the vehicle and connect test box V.A.G 1598 to central locking pump (see step 3 of complete test on page 4/2).

Note: Open the rotary latch on the rear lid in order to obtain an earth signal at socket 4.

- Connect multimeter between socket 12 (signal for interior monitor) and socket 4 (earth - rear lid open).
- Lock vehicle in order to activate anti-theft alarm, but leave one window about 10 cm open.
  • Multimeter must indicate a constant voltage.

Note: The horn will not sound to confirm activation when the vehicle is locked, since the rear lid is open.

- Wait for at least 30 seconds; a second mechanic should then reach through the open window to activate the interior monitor. At this moment the voltage reading on the multimeter must drop briefly (interior monitor signal).

If the multimeter does not indicate the constant voltage reading and subsequent voltage drop,

- test wiring to control unit for interior monitor for open circuit/short circuit using Current Flow Diagram.

If no fault is found,

- renew control unit for interior monitor.

If the multimeter does indicate the voltage drop,

- renew control unit for central locking pump.

5. Anti-theft alarm is not activated (no horn signal to confirm activation)

Note: The horn only sounds to confirm activation when all doors, the engine bonnet and the rear lid are closed.

- Connect test box V.A.G 1598 (see step 3 of complete test, page 4/2).

- Measure voltage at socket 42 (see step 4b of complete test, page 4/5).

If the multimeter indicates battery voltage before the key is turned, or if it only indicates battery voltage when the ignition key has been turned to "ignition on",

- switch on ignition and then turn the key all the way back.

- Watch reading on multimeter.

If reading on multimeter only drops slowly,

- remove the radio and activate the anti-theft alarm once again.

If the fault is now rectified, this means the fault was caused by the radio.

Note: Radios not supplied by the Audi factory may have different internal circuitry and may cause this fault.

If the fault is not rectified,

- test ignition switch.

If no fault is detected,

- Perform complete test.

3. General procedures

1. Testing batteries in key

- *Measure* the voltage of each battery with multimeter V.A.G 1526.
  Specified reading: at least 1.5 volts on each battery.

2. Erasing memory in control unit

- Switch on ignition with second key.
- Lock vehicle mechanically with infra-red key.
- Transmit 5 infra-red signals at one second intervals to one of the two sensors. Each signal will be confirmed by the horn sounding briefly.

3. Programming keys

1- Switch on ignition with second key.

2- Lock vehicle mechanically with another key.

3- Press transmitter button once. Horn will sound briefly to confirm signal.

4- *Wait at least* 5 seconds, then press transmitter button once again. The vehicle will be unlocked, and the key has been stored in the memory.

Note:

In order to programme additional keys:
When performing step 3 for the second key, press the transmitter button twice at one-second intervals; press the button three-times for the third key, and so on. The horn will sound briefly to confirm each signal.

4- Synchronising keys

If the transmitter button is pressed frequently when out of range of the car, this can de-synchronise the codes of the key and the control unit so that the car can no longer be unlocked with the infra-red signal. The key and control unit must then be re-synchronised.
Re-synchronising takes place automatically if the car is unlocked mechanically with the key within one minute after an unsuccessful attempt to unlock the car by operating the transmitter button.

5. Testing infra-red system

Note:

If the car does not react to the infra-red signals of a key belonging to the car, the system can be tested using a properly functioning key from another Audi car with infra-red remote control. This key must not be programmed into the control unit.

Perform the two following test steps with the unprogrammed key.

– Open engine bonnet and one door.

– Operate transmitter button on infra-red key and watch indicator lamp for anti-theft alarm system.

• If the indicator lamp flashes while the transmitter button is operated, this means the infra-red system is OK and the key belonging to the vehicle is defective. If the indicator lamp does not light up, this means the fault is in the vehicle.

Malfunctions in the telephone system

Contents:

1. Switching on the telephone as per Operating Manual and checking function	page 5/2
2. Making a trial call using the handset	page 5/5
3. Making a trial call using the internal handsfree facility	page 5/6
4. Making a trial call using the external handsfree facility	page 5/7
5. Terminating a trial call with the "END" key	page 5/9
6. Testing the wiring to the transmitter/receiver unit	page 5/10
7. Testing the telephone signal quality	page 5/12

Requirements:

- The customer's SIM card (telephone card) – must be valid
- The customer's PIN (Personal Identification Number) – must be valid
- Latest edition of Current Flow Diagrams
- Latest edition of Operating Manual for Audi Telephone
- Latest edition of Workshop Manual for removing and installing telephone system components
- Replacement telephone handset
- Replacement transmitter/receiver unit

Test equipment:

- Test box V.A.G 1598
- Test adapter V.A.G 1598/23-1
- Test adapter V.A.G 1598/23-2
- Multimeter V.A.G 1526

General notes:

- When returning defective telephone components to the manufacturer, always include a properly completed Telephone Record Sheet (see entry in Technical Service Handbook).
- The Fault Finding Programme only covers potential faults relating to the five basic functions, i.e. Telephone on, Trial call using handset, Trial call using internal handsfree facility, Trial call using external handsfree facility, Telephone off.
- A complete run-through of the Fault Finding Programme can be carried out (e.g. when retrofitting a telephone) to check that the system is functioning properly or to identify an unknown fault.
- It is also possible to start the Fault-Finding Programme at any desired step if the functions covered by the earlier steps are known to be working properly.
- For problems relating to optional functions (e.g. speed dialling, notepad) or menu functions (e.g. network selection, card memory), check the Operating Manual carefully before proceeding.
- The next step is to check with the technical consultant for telephones at the sales centre or importer. Before doing this, however, make a note of the issue date for the transmitter/receiver unit software. This can be called up on the display by entering the following key sequence via the keypad:

  Key sequence: *# # # 9 9 9*

  Example display readout:
  OSV: 2009
  HSV: ????
  HD: 0021_1315

1. Switching on the telephone as per Operating Manual and checking function

1.1 Pre-settings required before testing

- Deactivate menu function 71 ("Lock telephone") as described in the Operating Manual to clear any disabling commands that may be programmed.

Note: Disabling commands can only be cleared with a valid SIM card (phone card) and the customer's personal locking code.
If the customer has lost his SIM card or forgotten his locking code, or if the SIM card is defective, the transmitter/receiver unit must be returned to the manufacturer for clearing.

- Deactivate menu function 11 ("Call diversion") as described in the Operating Manual to clear any call diversion commands.

- Deactivate menu function 12 ("Call barring") as described in the Operating Manual to clear any call barring commands.

1.2 Checking display readout

- Switch on the telephone and check the display readout on the handset.

*Note: When the display shows the name of a GSM network and the **SERV** symbol stops blinking, the telephone is ready for use.*

– Check error messages against the following table and if possible rectify the fault.

Message on display	Meaning
SERVICE NOT SUPPORTED	The user has tried to access a service which he is not subscribed to or which is not supported by the network. If necessary, contact the service provider.
FUNCTION NOT ALLOWED	The user has called up a function which is not allowed with the telephone in its current state.
CARD ERROR	Either the wrong card has been used, or the card has been incorrectly inserted or is defective. Contact the card issuer.
CARD BLOCKED	An incorrect PIN number has been entered three times. Enter the PUK to unlock the card (see Operating Manual).
CARD USELESS! SERVICE!	The PUK has been entered incorrectly ten times in succession. A new card is needed. Contact the card issuer.
NO ANSWER	The network has terminated the call because it was not being answered.
LINES BUSY	The network is currently overloaded. Repeat the operation later.
NO NETWORKS ALLOWED	GSM networks are in range but the SIM card is not authorised to provide access. Contact the card issuer.
NO SERVICE AVAILABLE	No networks in range. Try another location.
NO SERVICE	Registration onto the selected GSM network is not allowed or not possible.
EMERGENCY CALL ONLY	Either no SIM card has been inserted, the PIN number has not been entered, the locking code or a disabling command from Menu 7 ("Security functions") has been activated, or the reception quality of the home network is insufficient.
GENUINE FAULT	Either the card is defective or unauthorised, or there is a fault in the card reader in the handset or in the plug connection on the handset.

If the telephone is working, proceed with step 2. If not, carry out step 1.3 below.

1.3 Fit a replacement handset

- Switch on the telephone and check to make sure it is working.
- If the telephone is working, proceed with step 2.
- If the telephone is not working, proceed with step 1.4.

1.4 Fit a replacement transmitter/receiver unit

- Switch on the telephone and check to make sure it is working.
- If the telephone is working, proceed with step 2.
- If the telephone is not working, proceed with step 1.5.

1.5 Checking wiring to transmitter/receiver unit

- Check wiring ⇒ page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness and check whether the telephone works.
- If the telephone is working, proceed with step 2.

2. Making a trial call using the handset

If the trial call is successful, proceed with step 3. If not, carry out step 2.1 below.

2.1 Fit a replacemnet handset

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 3.
- If the trial call is not successful, proceed with step 2.2.

2.2 *Fit a replacement* transmitter/receiver unit

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 3.
- If the trial call is not successful, proceed with step 2.3.

2.3 Checking wiring to transmitter/receiver unit

- Check wiring ⇒ page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness and make another trial call.
- If the trial call is successful, proceed with step 3.

3. Making a trial call using the internal handsfree facility

If the trial call is successful. proceed with step 4. If not, carry out step 3.1 below.

3.1 Fit a replacement handset

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 4.
- If the trial call is not successful, proceed with step 3.2.

3.2 Fit a replacement transmitter/receiver unit

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 4.
- If the trial call is not successful, proceed with step 3.3.

3.3 Checking wiring to transmitter/receiver unit

- Check wiring ⇒ page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness and make another trial call.
- If the trial call is successful, proceed with step 4.

4. Making a trial call using the external handsfree facility

If the trial call is successful, proceed with step 5. If not, carry out step 4.1.

4.1 Fit a replacement handset cradle

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 5.
- If the trial call is not successful, proceed with step 4.2.

4.2 Fit a replacement handset

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 5.
- If the trial call is not successful, proceed with step 4.3.

4.3 Fit a replacement transmitter/receiver unit

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 5.
- If the trial call is not successful, proceed with step 4.4.

4.4 Fit a replacement external telephone loudspeaker

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 5.
- If the trial call is not successful, proceed with step 4.5.

4.5 Fit a replacement external handsfree microphone

- Switch on the telephone and make a trial call.
- If the trial call is successful, proceed with step 5.
- If the trial call is not successful, proceed with step 4.6.

4.6 Checking wiring to transmitter/receiver unit

- Check wiring ⇒ page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness and make another trial call.
- If the trial call is successful, proceed with step 5.

5. Terminating a trial call with the "END" key

If this function is working, the basic functions of the telephone system are okay. If not, carry out step 5.1.

5.1 Fit a replacement handset

- Switch on the telephone, make a trial call and terminate it by pressing the "END" key.
- If the "END" key works, the Fault-Finding Programme is complete.
- If the "END" key does not work, proceed with step 5.2.

5.2 Fit a replacement transmitter/receiver unit

- Switch on the telephone, make a trial call and terminate it by pressing the "END" key.
- If the "END" key works, the Fault-Finding Programme is complete.
- If the "END" key does not work, proceed with step 5.3.

5.3 Checking wiring to transmitter/receiver unit

- Check wiring page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness and switch the telephone on. Then make a trial call and terminate the call by pressing the "END" key.
- If the "END" key works, the Fault-Finding Programme is complete.

6. Testing the wiring to the transmitter/receiver unit

- Disconnect the 25-pin plug from the transmitter/receiver unit.
- Using test adapter V.A.G 1598/23-1, connect one test box V.A.G 1598 to the 25-pin plug on the wiring harness but **not** to the transmitter/receiver unit.
- The allocation of terminals on the 25-pin plug corresponds with the numbering on test box V.A.G 1598.
- All the following tests and measurements are carried out using multimeter V.A.G 1526.

6.1 Testing wiring to handset connector

- Disconnect the 8-pin plug from the handset.
- Using test adapter V.A.G 1598/23-2, connect a second test box V.A.G 1598 to the 8-pin connector on the wiring harness but **not** to the 8-pin plug on the handset.
- Test the wiring between the two test boxes V.A.G 1598 (⇒ Current Flow Diagram) for open circuits and short circuits to positive or earth.

6.2 Testing wiring to external microphone, external loudspeaker and radio

- Unplug the external microphone and test for open circuits and short circuits to positive or earth in the two wires between the microphone and test box V.A.G 1598.
- Unplug the external loudspeaker and test for open circuits and short circuits to positive or earth in the two wires between the loudspeaker and test box V.A.G 1598.
- Remove the plug from the radio and test for open circuits and short circuits to positive or earth in the radio muting wire (low frequency mute) between the radio and test box V.A.G 1598.

6.3 Testing transmitter/receiver unit power supply

- Test the power supply via the positive and negative wires (⇒ Current Flow Diagram) at test box V.A.G 1598.
- If there is a fault with the power supply, check the fuse (⇒ Current Flow Diagram) and replace if necessary.
- If there is still a fault with the power supply, disconnect the battery and test the wiring from the battery to test box V.A.G 1598.
- Test the wire from test box V.A.G 1598 to terminal 15 (Ignition on/off) for an open circuit.
- Test the wire from test box V.A.G 1598 to terminal 58 (Illumination Lamp for Keypad and Display on/off) for an open circuit.

6.4 Additional function test for transmitter/receiver unit (AEG Telecar D 901/D 930 only)

Note: When the transmitter/receiver unit is connected to test box V.A.G 1598, do not allow sockets 4 and 16 to earth otherwise there will be a + 12 V short circuit.

- Using test adapter V.A.G 1598/23-1, connect test box V.A.G 1598 to the 25-pin plug and to the transmitter/receiver unit.
- Connect the handset and switch on the telephone.
- Socket 10 earthed
  → The radio muting function remains activated for as long as socket 10 is earthed.
- Socket 1 earthed
  - Maintain earth connection until the tone comes on, then disconnect from earth:
    → The word "OFF" will appear on the display and then the telephone will switch itself off.
  - Make a brief earth connection:
    → The telephone will switch itself on.

6.5 Additional function test for handset (AEG Telecar D 901/D 930 only)

- Connect the transmitter/receiver unit to the 25-pin plug.
- Using test adapter V.A.G 1598/23-2, connect test box V.A.G 1598 between the telephone connector and the handset. Then switch on the telephone.
- Socket 7 earthed
  - Maintain earth connection until the tone comes on, then disconnect from earth:
    → The word "OFF" will appear on the display and then the telephone will switch itself off.
  - Make a brief earth connection:
    → The telephone will switch itself on.

7. Testing the telephone signal quality

If the telephone is working but the signal quality is poor, even after changing locations, move to a location which will ensure good reception and carry out the following test.

7.1 Fit a replacement aerial

- Switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.
- If the signal quality is not okay, proceed with step 7.2.

7.2 Fit a replacement aerial base and aerial amplifier

- Switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.
- If the signal quality is not okay, proceed with step 7.3.

7.3 Testing wire between aerial and transmitter/receiver unit

- Test wire for an open circuit or short circuit to earth. If necessary, rectify the fault.
- Switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.
- If the signal quality is not okay, proceed with step 7.4.

7.4 Fit a replacement transmitter/receiver unit

- Switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.
- If the signal quality is not okay, proceed with step 7.5.

7.5 Fit a replacement handset

- Switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.
- If the signal quality is not okay, proceed with step 7.6.

7.6 Testing wiring to transmitter/receiver unit

- Check wiring ⇒ page 5/10.
- If there is a problem with the wiring, the fault will be in the wiring harness for the transmitter/receiver unit.
- Rectify the fault in the wiring harness, switch on the telephone and check the signal quality.
- If the signal quality is okay, the Fault-Finding Programme is complete.