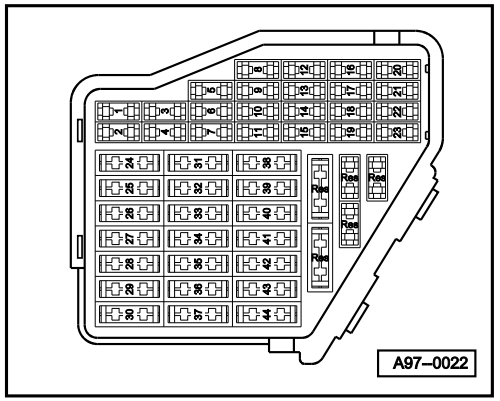
Basic equipment

From model year 2000

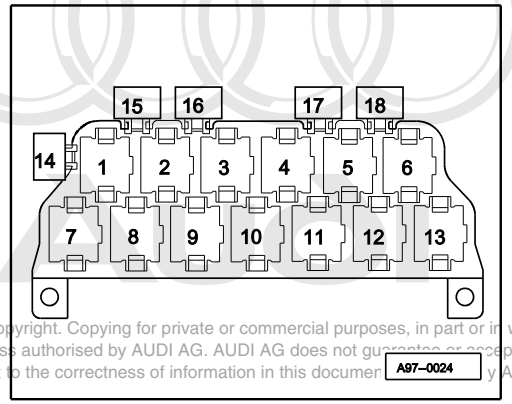
Fuse box:



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.

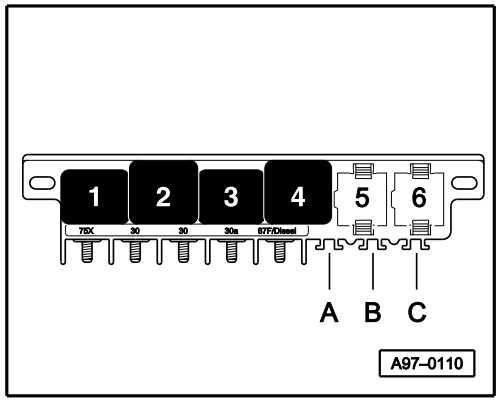
13-point relay carrier:



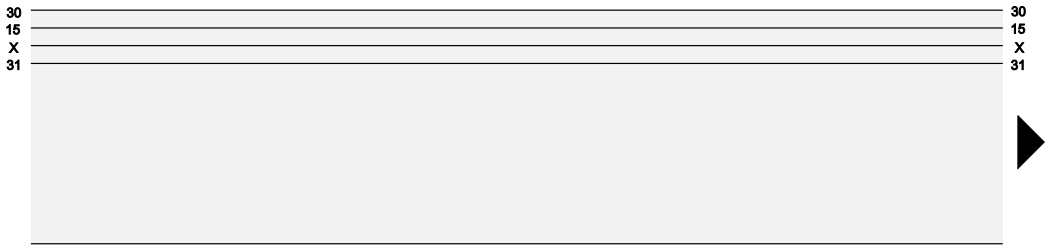
Position of relays:
7 – Heated rear window relay

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Micro-central electrics:



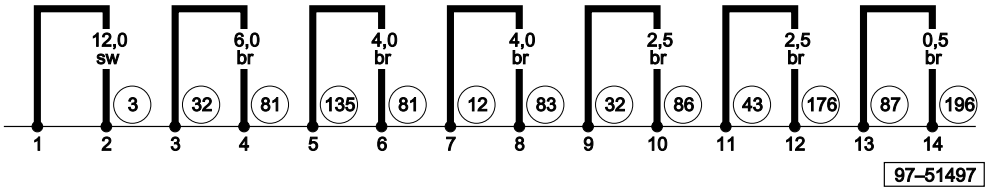
Position of relays:
1 – Horn relay
2 – X contact relief relay
3 – free
5 – Automatic intermittent wash/wipe relay
6 – Automatic intermittent wash/wipe relay



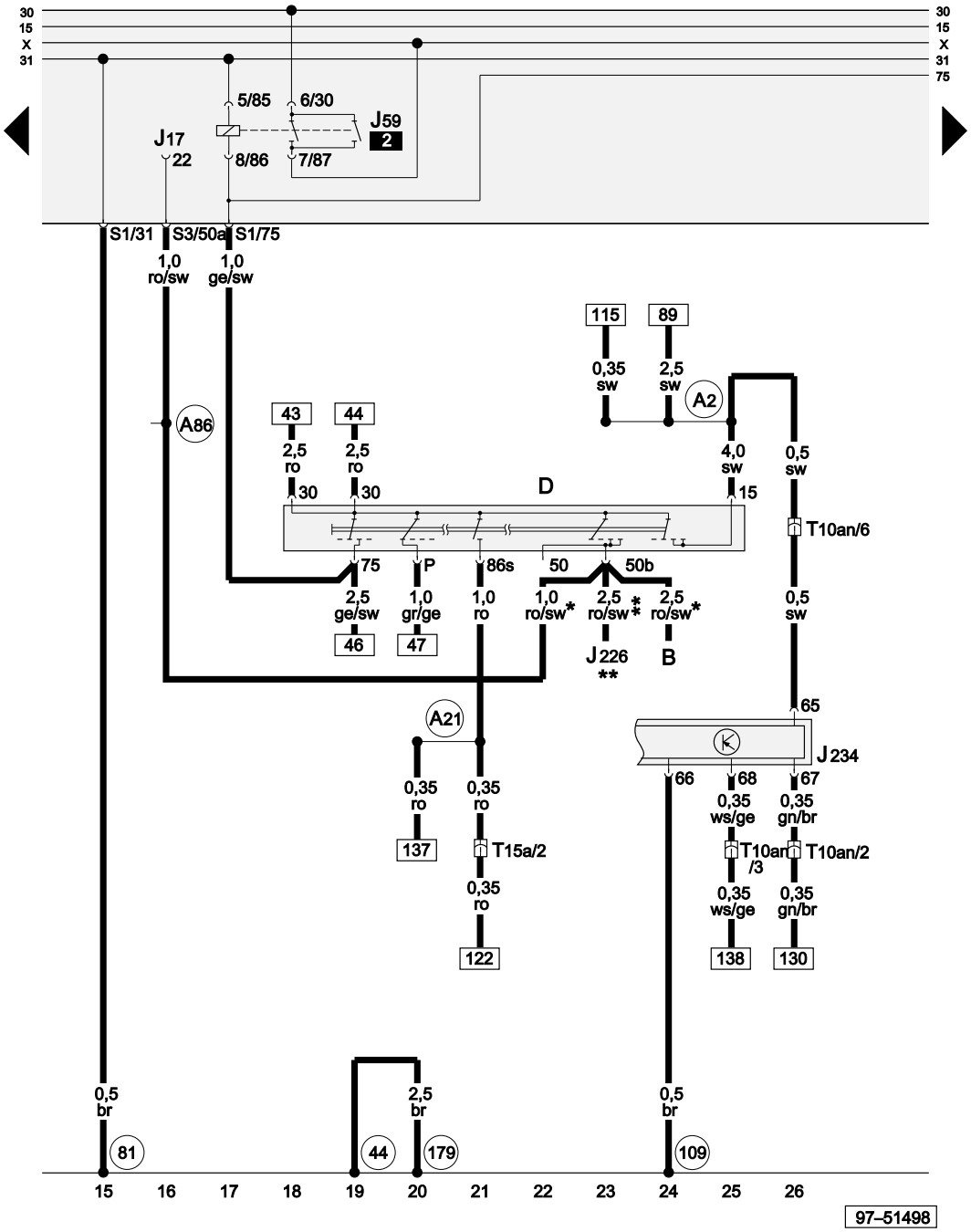
Earth connections

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

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or	=	orange
rs	=	pink

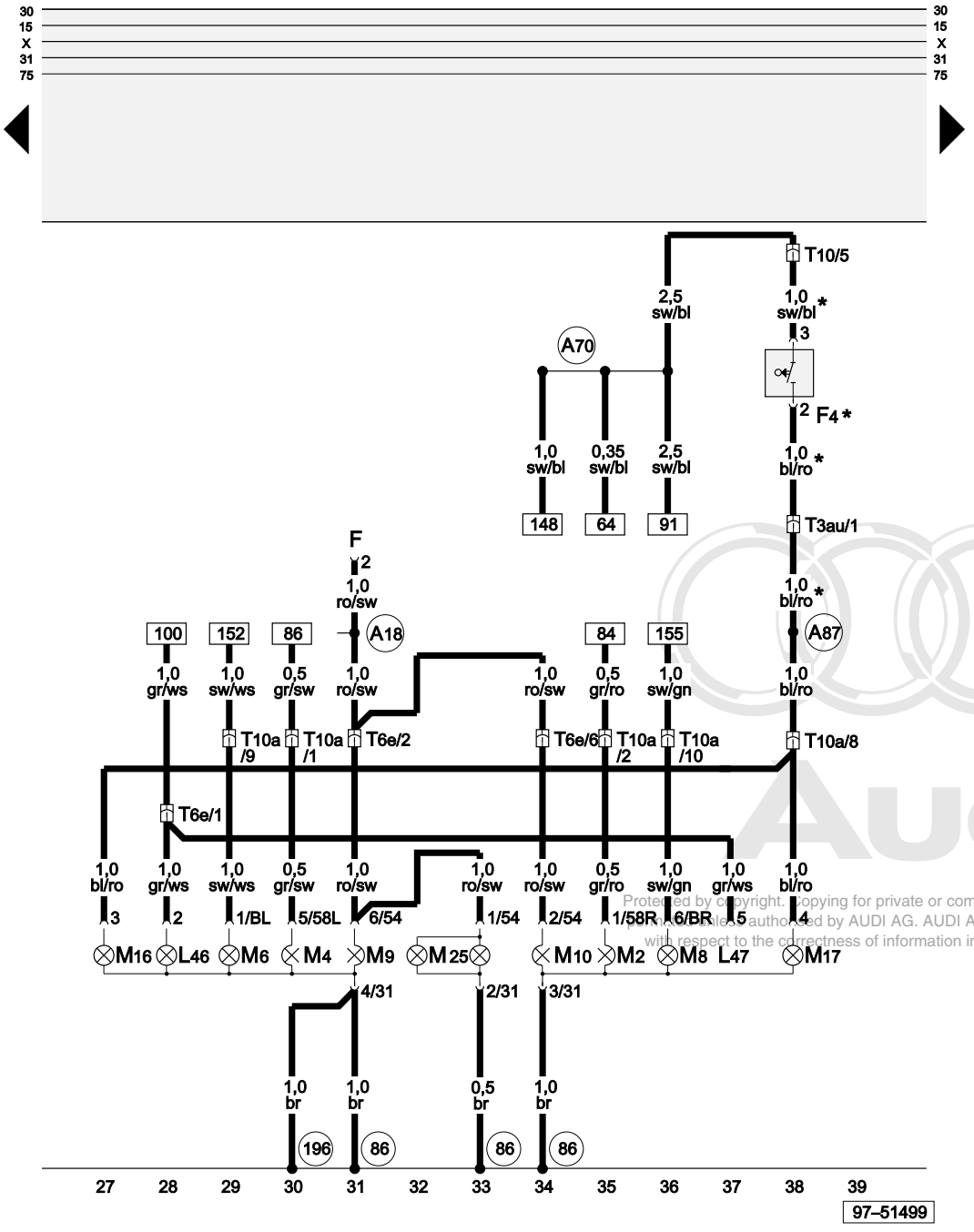


Ignition/starter switch, X contact relief relay

B	Starter
D	Ignition/starter switch
J17	Fuel pump relay
J59	X contact relief relay
J226	Starter inhibitor and reversing light relay
J234	Airbag control unit
T10an	10-pin connector, yellow, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
44	Earth point, lower part of left A-pillar
81	Earth connection -1-, in dash panel wiring harness
109	Earth connection, in airbag wiring harness
179	Earth connection, in left headlight wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Positive (+) connection (86s), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with manual gearbox
**	Only models with automatic gearbox

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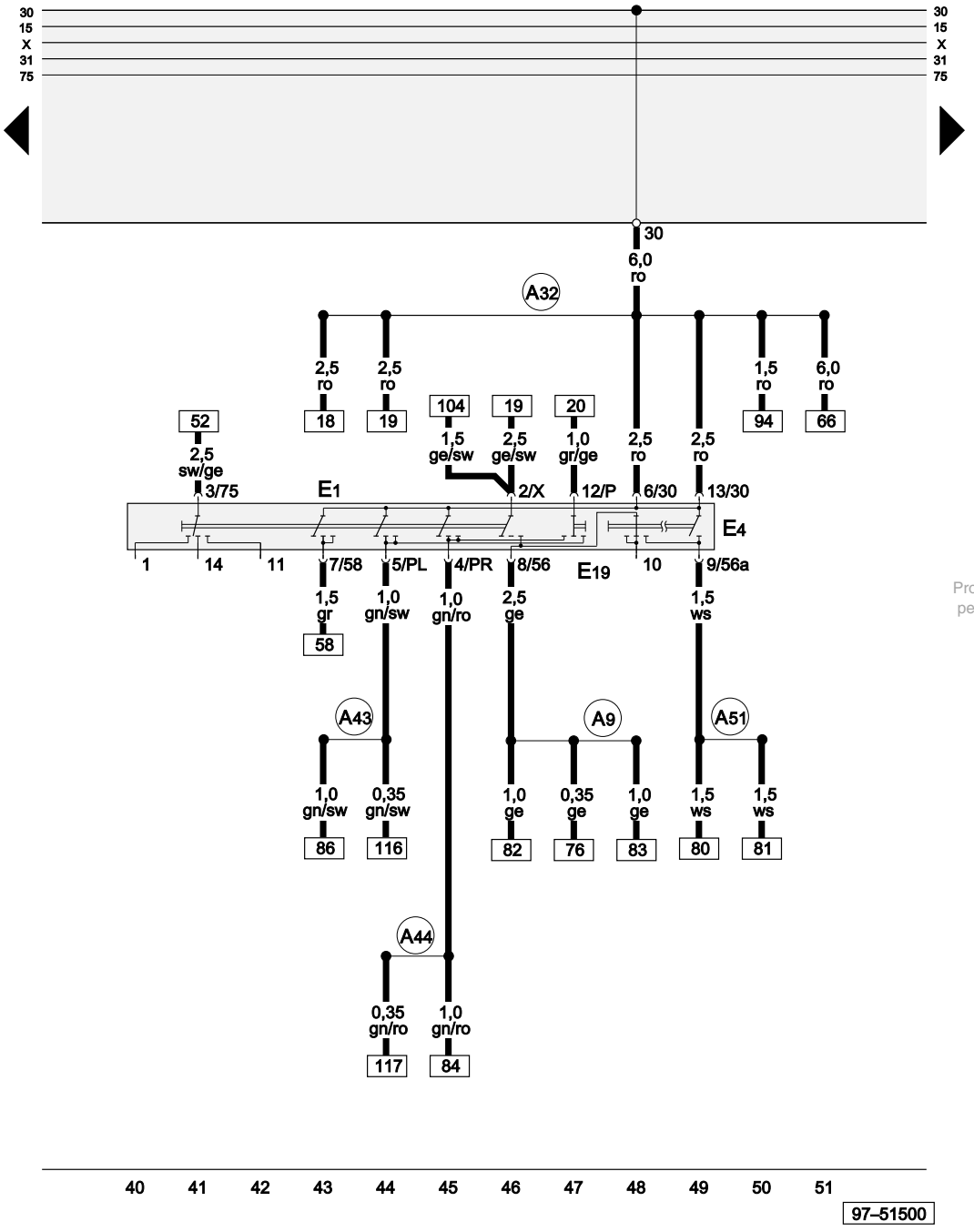


Tail light, brake light, reversing light

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
M25	High level brake light bulb
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
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
86	Earth connection -1-, in rear wiring harness
196	Earth connection -3-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A87	Connection (RL), in dash panel wiring harness
*	Only models with manual gearbox

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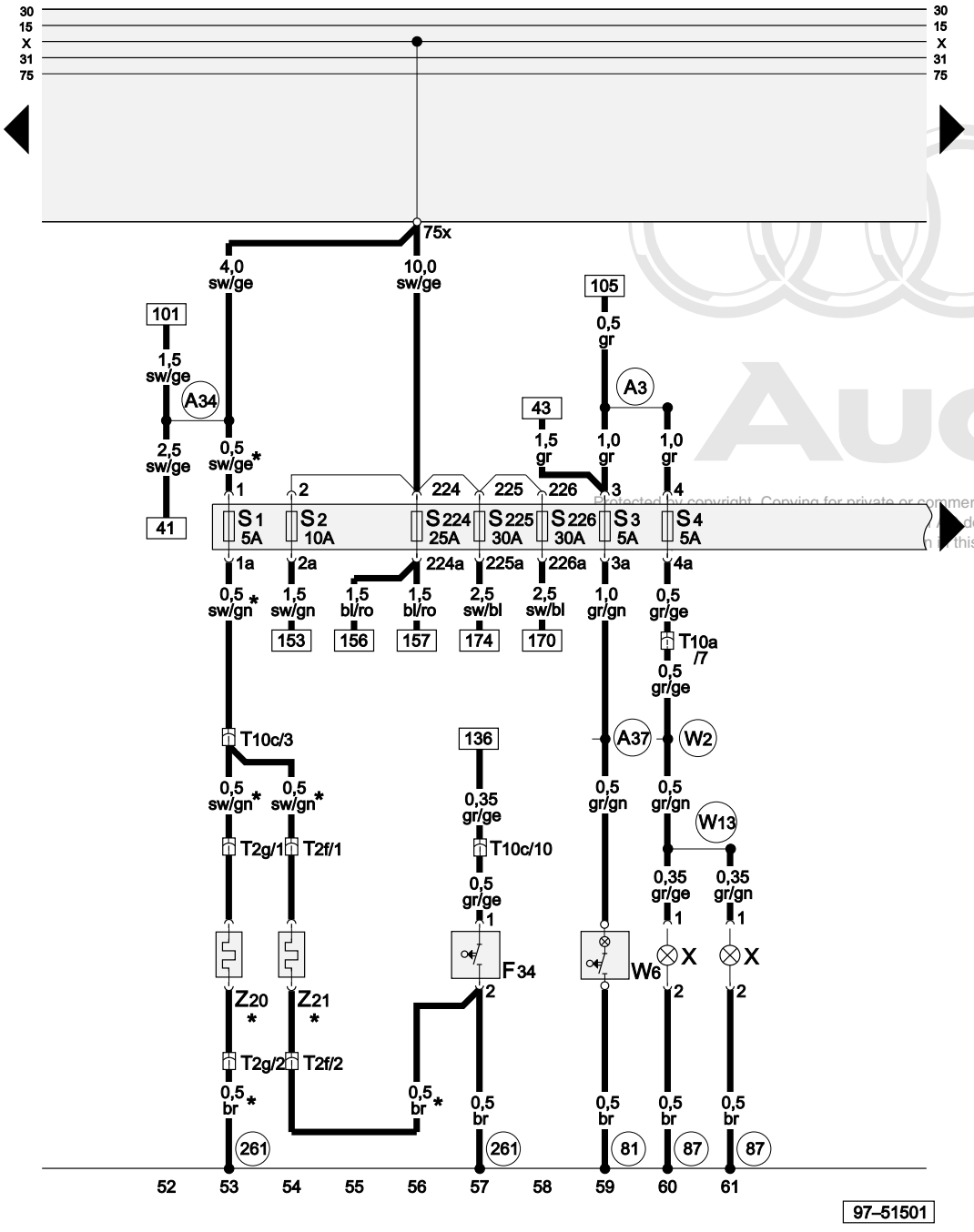


Lighting switch

E1	Lighting switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
A9	Positive (+) connection (56b), 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
A51	Connection (56), in dash panel wiring harness

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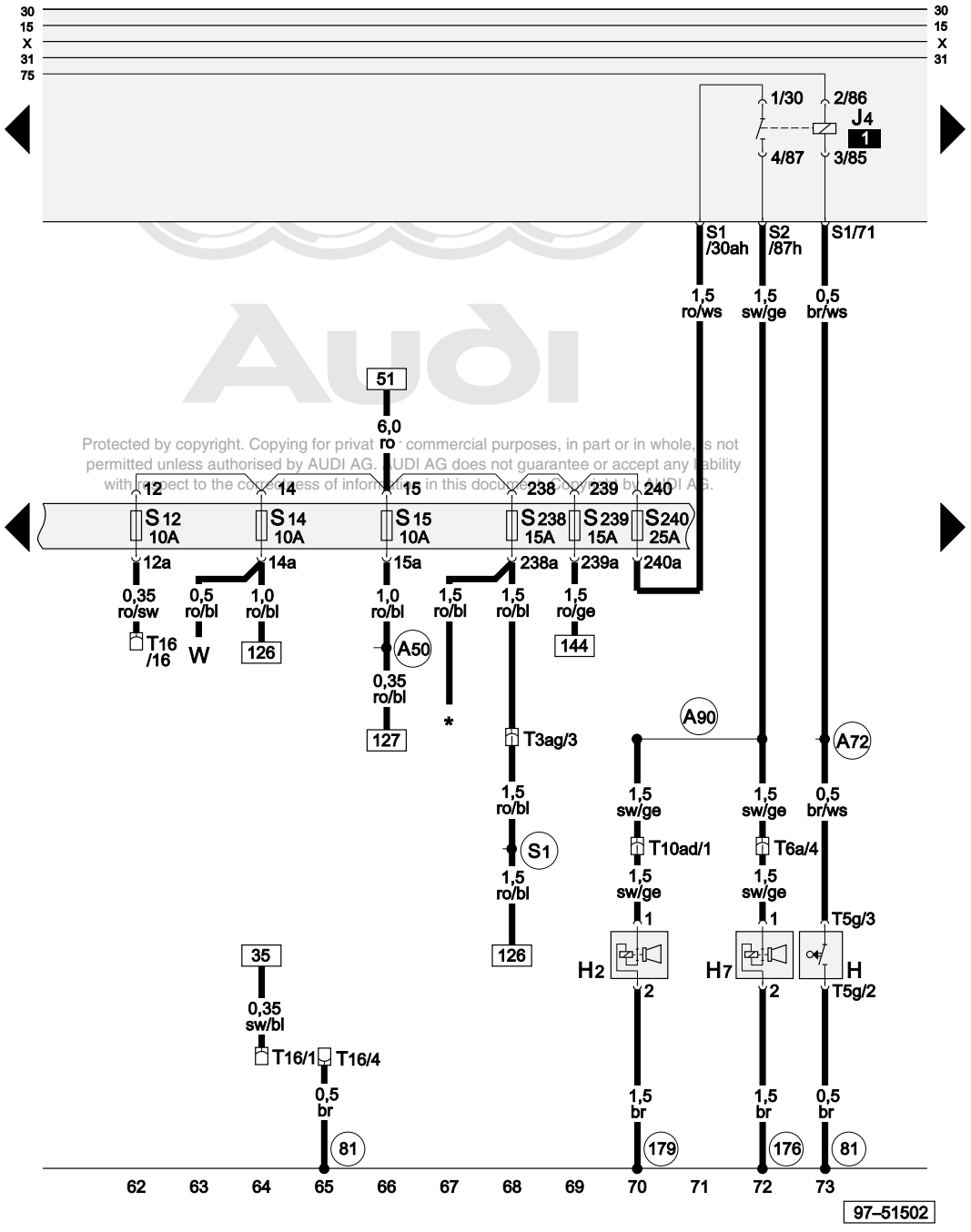


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Fuse box, number plate light, glove box light, heated washer jets

F34	Brake fluid level warning contact
S1	Fuse in fuse box
S2	Fuse in fuse box
S3	Fuse in fuse box
S4	Fuse in fuse box
S224	Fuse in fuse box
S225	Fuse in fuse box
S226	Fuse in fuse box
T2f	2-pin connector, on bonnet
T2g	2-pin connector, on bonnet
T10a	10-pin connector, brown, left connector point, A pillar
T10c	10-pin connector, violet, left connector point, A pillar
W6	Glove box light
X	Number plate light
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
81	Earth connection -1-, in dash panel wiring harness
87	Earth connection -2-, in rear wiring harness
261	Earth connection, in heated washer jet 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
W2	Positive (+) connection (58), in rear wiring harness
W13	Connection (58L), in rear wiring harness
*	Only models with heated washer jets

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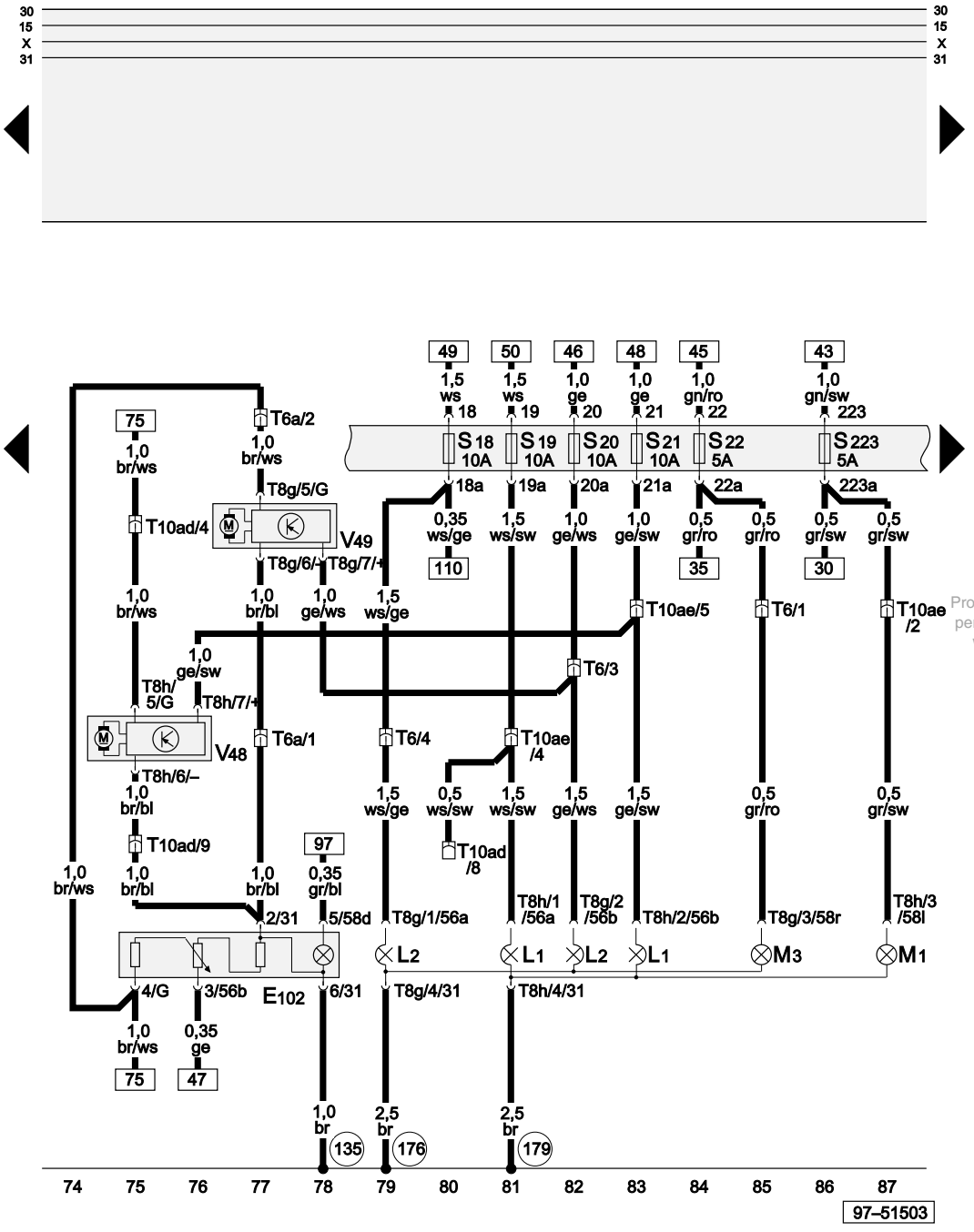


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Fuse box, horn, diagnostic connector

H	Horn plate
H2	High tone horn
H7	Low tone horn
J4	Dual tone horn relay
S12	Fuse in fuse box
S14	Fuse in fuse box
S15	Fuse in fuse box
S238	Fuse in fuse box
S239	Fuse in fuse box
S240	Fuse in fuse box
T3ag	3-pin connector, black, right connector point, A pillar
T5g	5-pin connector, behind steering column switch trim
T6a	6-pin connector, red, right connector point, A pillar
T10ad	10-pin connector, red, left connector point, A pillar
T16	16-pin connector, (diagnosis connection) in centre console rear
W	Interior light, front
81	Earth connection -1-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
A72	Connection (71), in dash panel wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness
S1	Positive (+) connection (30), in central locking wiring harness
*	See current flow diagram for central locking

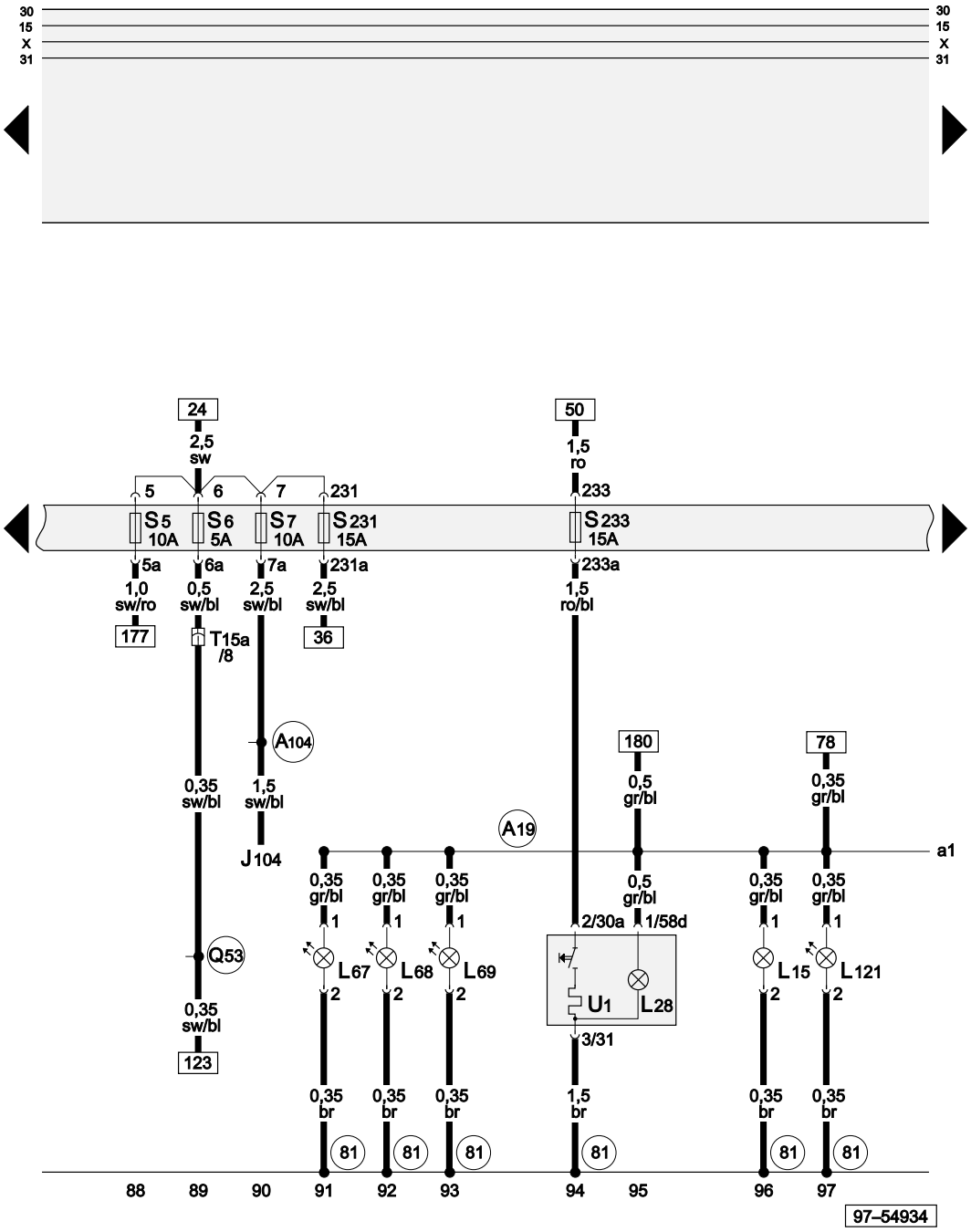


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Fuse box, headlights, headlight range control

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
S18	Fuse in fuse box
S19	Fuse in fuse box
S20	Fuse in fuse box
S21	Fuse in fuse box
S22	Fuse in fuse box
S223	Fuse in fuse box
T6	6-pin connector, yellow, right connector point, A pillar
T6a	6-pin connector, red, right connector point, A pillar
T8g	8-pin connector, headlight right
T8h	8-pin connector, headlight left
T10ad	10-pin connector, red, left connector point, A pillar
T10ae	10-pin connector, light pink, 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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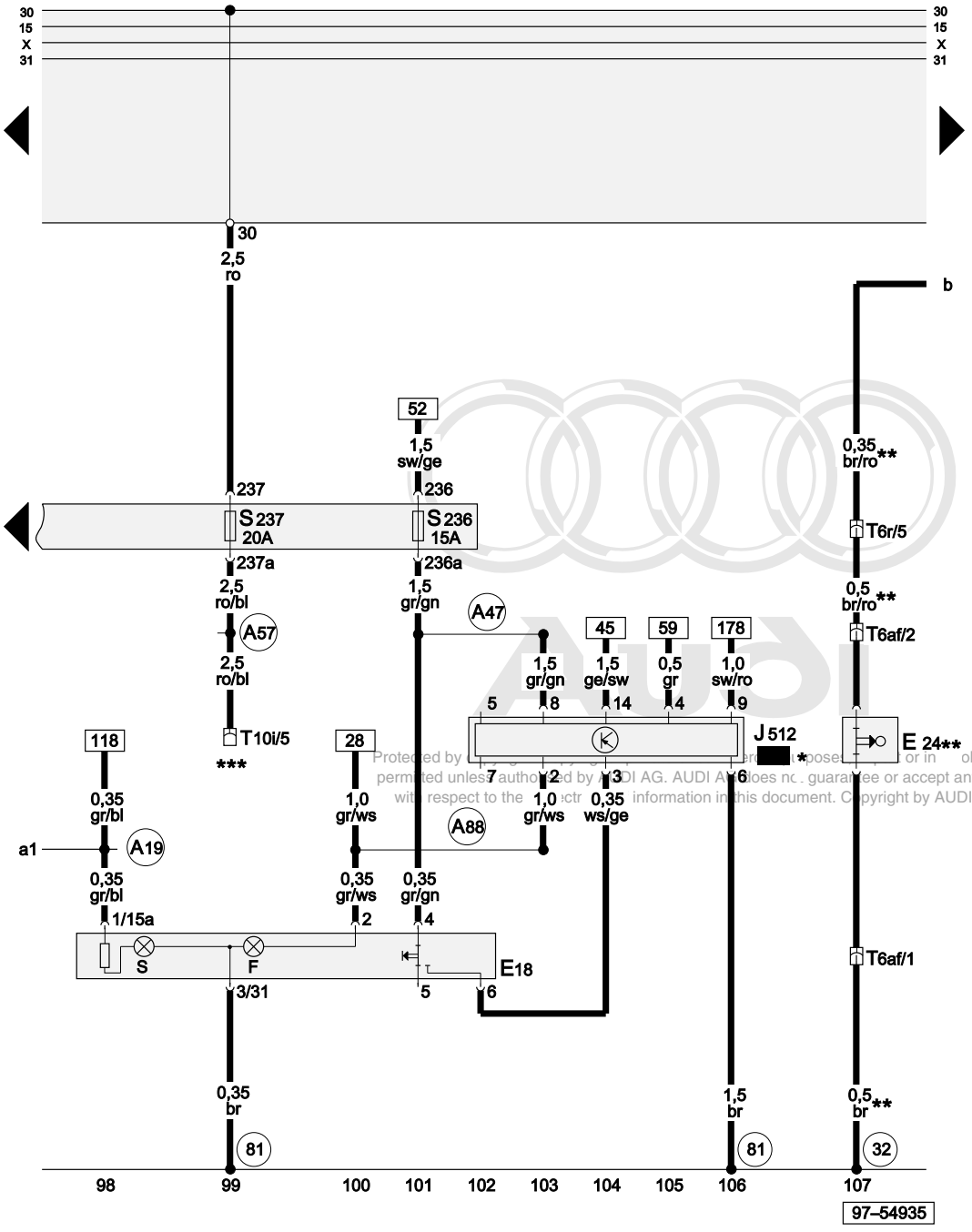


Fuse box, cigarette lighter, illumination for dash panel vents, illuminated ashtray

J104	ABS with EDL control unit
L15	Ashtray light bulb
L28	Cigarette lighter light bulb
L67	Dash panel left vent illumination
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination
L121	Cup holder illumination
S5	Fuse in fuse box
S6	Fuse in fuse box
S7	Fuse in fuse box
S231	Fuse in fuse box
S233	Fuse in fuse box
T15a	15-pin connector, black, right connector point, A pillar
U1	Cigarette lighter
81	Earth connection -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness

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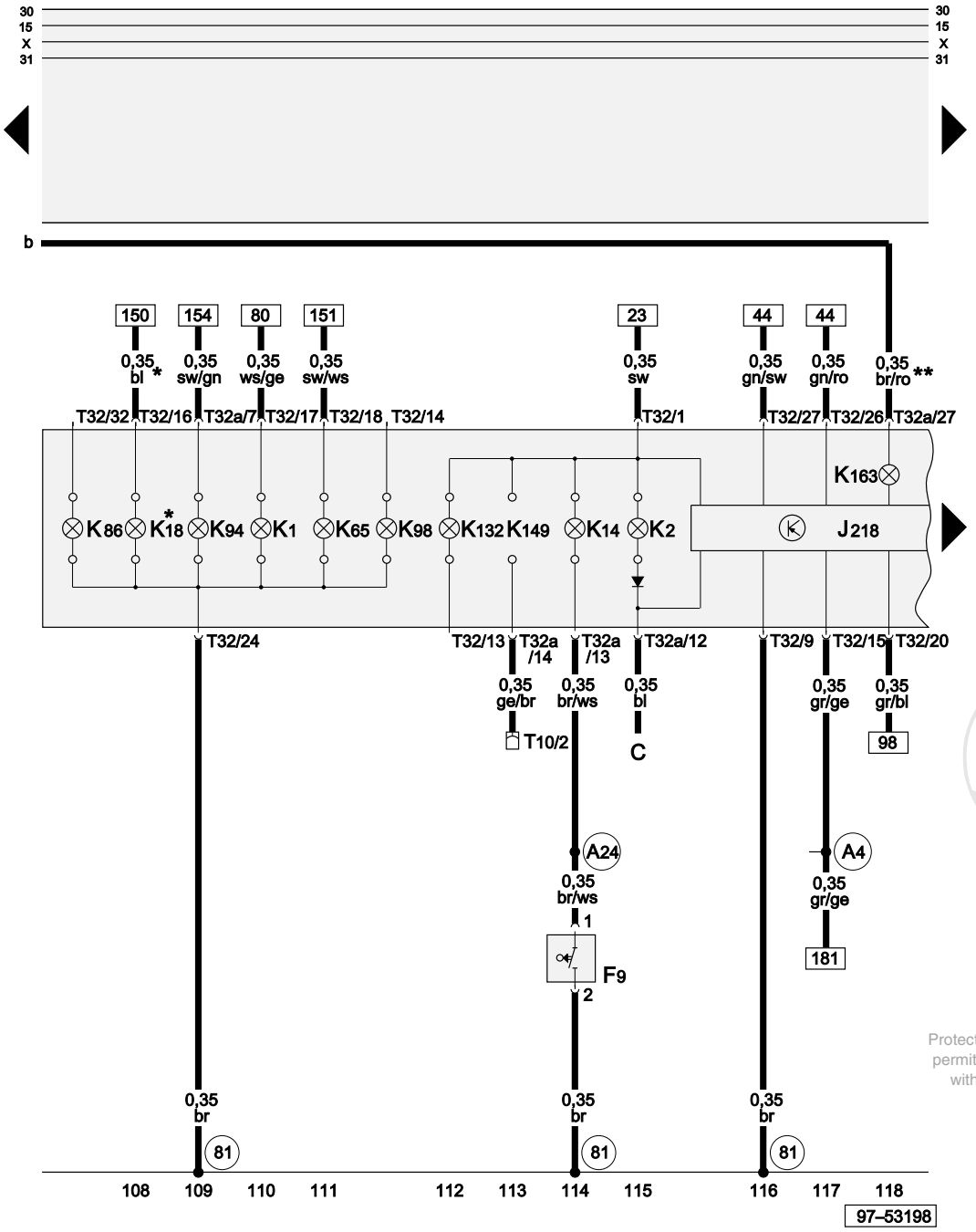


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Fuse box, rear fog light switch, belt switch on driver's side

E18	Rear fog light switch
E24	Belt switch, driver's side
J512	Fog lights/rear fog light control unit
S236	Fuse in fuse box
S237	Fuse in fuse box
T6r	6-pin connector, white, left connector point, A pillar
T6af	6-pin connector, red, under driver's seat
T10i	10-pin connector, black, in centre console
32	Earth point, behind dash panel, left
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
A88	Connection (NSL (rear fog light)), in dash panel wiring harness
*	Behind glove box
**	Only models with belt warning
***	Without radio, terminal 30a

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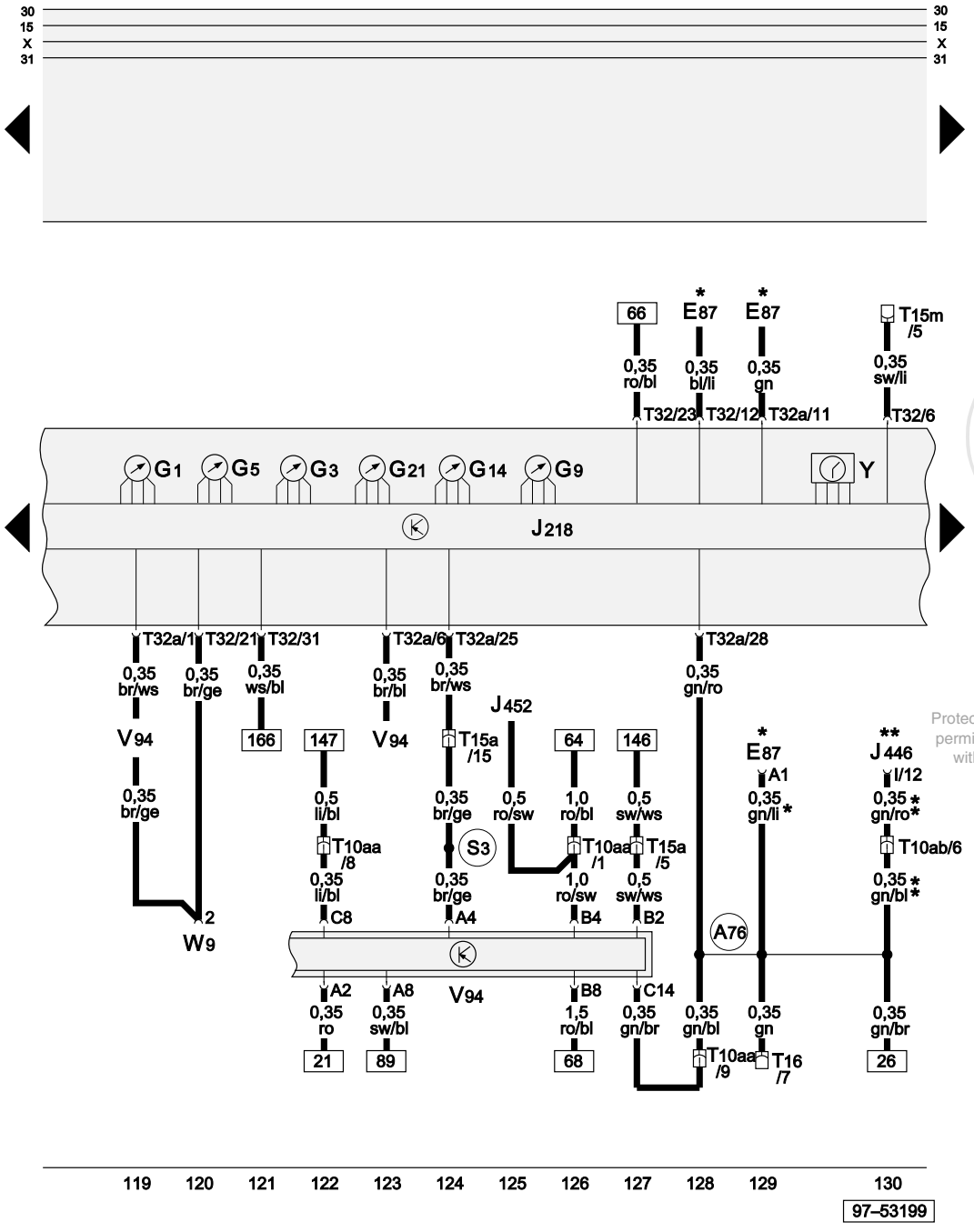


Dash panel insert, combi-processor in dash panel insert, handbrake warning switch, warning lamps

C	Alternator
F9	Handbrake warning switch
J218	Combi-processor in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K14	Handbrake warning lamp
K18	Trailer operation warning lamp
K65	Left turn signal warning lamp
K86	Traction control system warning lamp
K94	Right turn signal warning lamp
K98	Convertible top latched warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics warning lamp
K163	Belt switch warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
A24	Connection (brake system monitoring), in dash panel wiring harness
*	Only models with trailer coupling
**	Only models with belt warning

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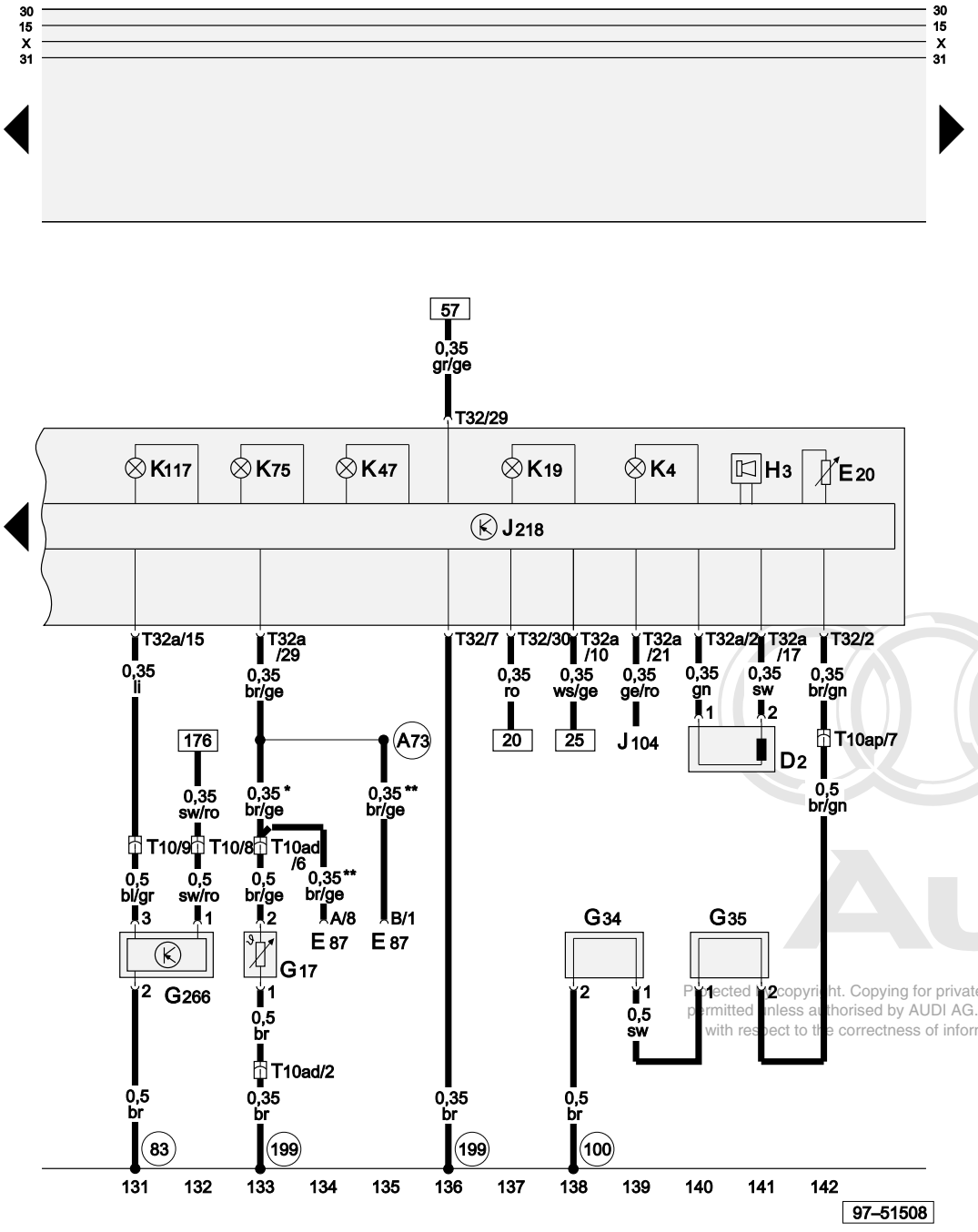


Dash panel insert, combi-processor in dash panel insert, diagnosis wire K, rev. counter, coolant monitoring, analogue clock, fuel gauge, speedometer

E87	Control and display unit for air conditioner
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G9	Oil temperature gauge
G14	Voltmeter
G21	Speedometer
J218	Combi-processor in dash panel insert
J446	Parking aid control unit
J452	Door warning lamps control unit
T10aa	10-pin connector, orange, right connector point, A pillar
T10ab	10-pin connector, white, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
T16	16-pin connector, centre console, rear (diagnosis connection)
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
W9	Left footwell light
Y	Analogue clock
A76	Connection (diagnosis wire K), in dash panel wiring harness
S3	Connection (switch/control unit) -1-, in central locking system wiring harness
*	Only models with air conditioner
**	Only models with parking aid

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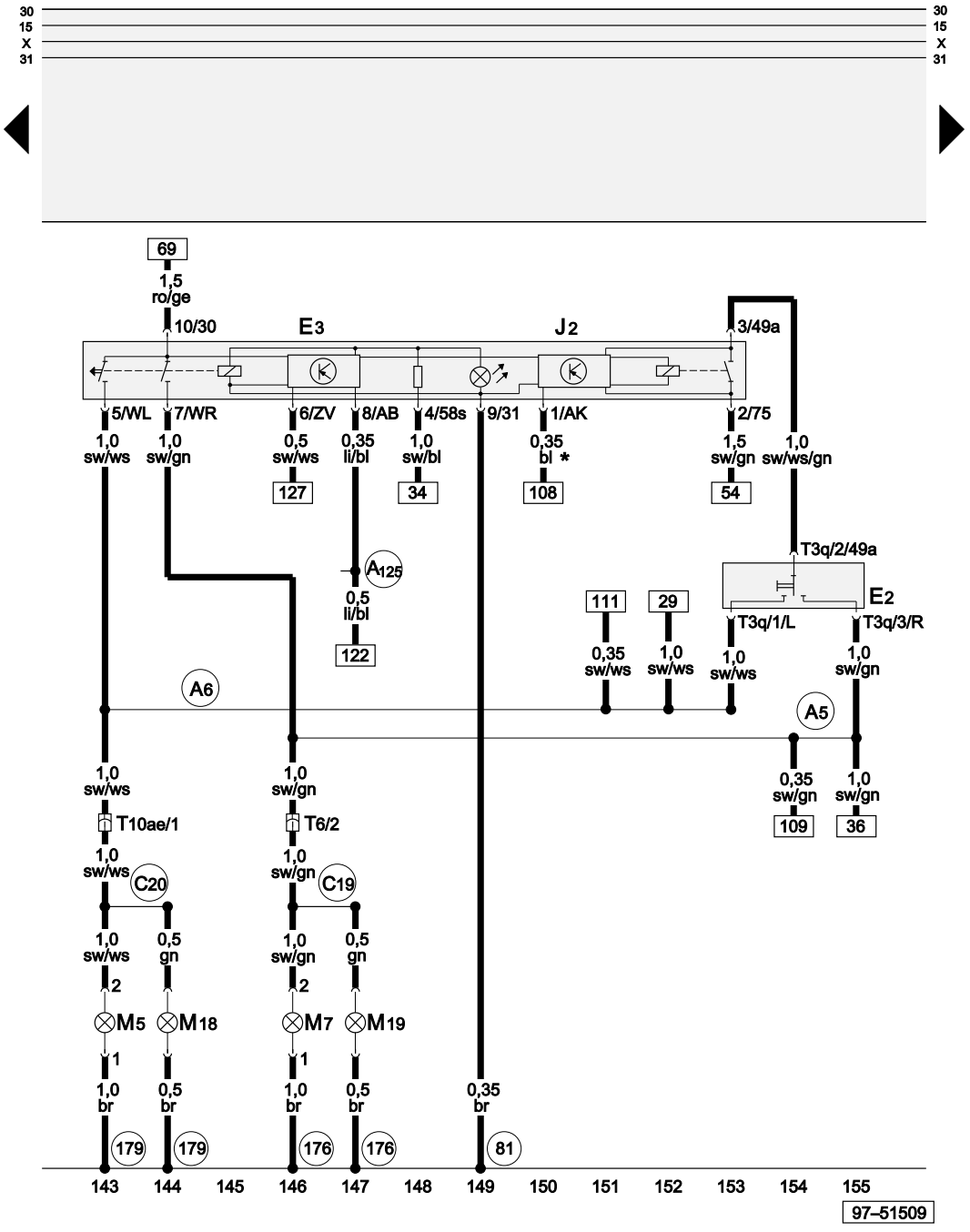


Dash panel insert, combi-processor in dash panel insert, ambient temperature sensor, brake lining/pad wear senders, switches and instruments-control, oil level sender

D2	Immobilizer reading coil
E20	Switches and instruments, lighting control
E87	Control and display unit for air conditioner/Climatronic
G17	Ambient temperature sensor
G34	Brake lining/pad wear sender, front left
G35	Brake lining/pad wear sender, front right
G266	Oil level thermo sender, service interval
H3	Buzzer/gong
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
K4	Side light warning lamp
K19	Seat belt warning system warning lamp
K47	ABS warning lamp
K75	Airbag warning lamp
K117	Immobilizer warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10ad	10-pin connector, red, left connector point, A pillar
T10ap	10-pin connector, grey, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
100	Earth connection -1-, in ABS wiring harness
199	Earth connection -3-, in dash panel wiring harness
A73	Connection (ambient temperature display), in dash panel wiring harness
*	Only models without air conditioner
**	Only models with air conditioner

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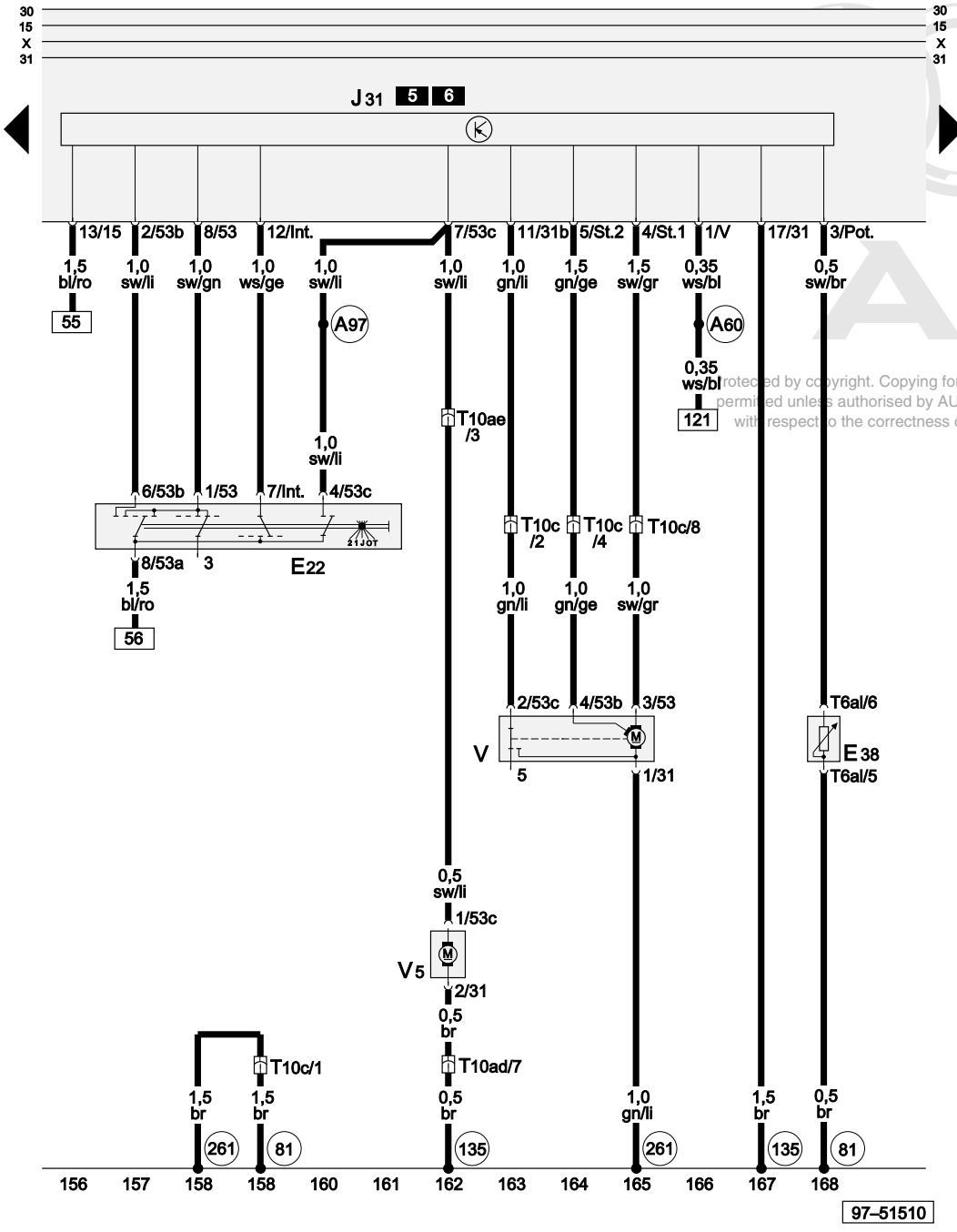


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Turn signals and hazard warning lights

E2	Turn signal switch
E3	Hazard warning light switch
J2	Hazard warning light relay
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T3q	3-pin connector, black, at steering column switch
T6	6-pin connector, yellow, right connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
81	Earth connection -1-, in dash panel wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
A5	Positive (+) connection (turn signal, right), in dash panel wiring harness
A6	Positive (+) connection (turn signal, left), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
C19	Connection -1- (turn signal, right), in headlight wiring harness
C20	Connection (turn signal, left), in headlight wiring harness
*	Only models with trailer coupling

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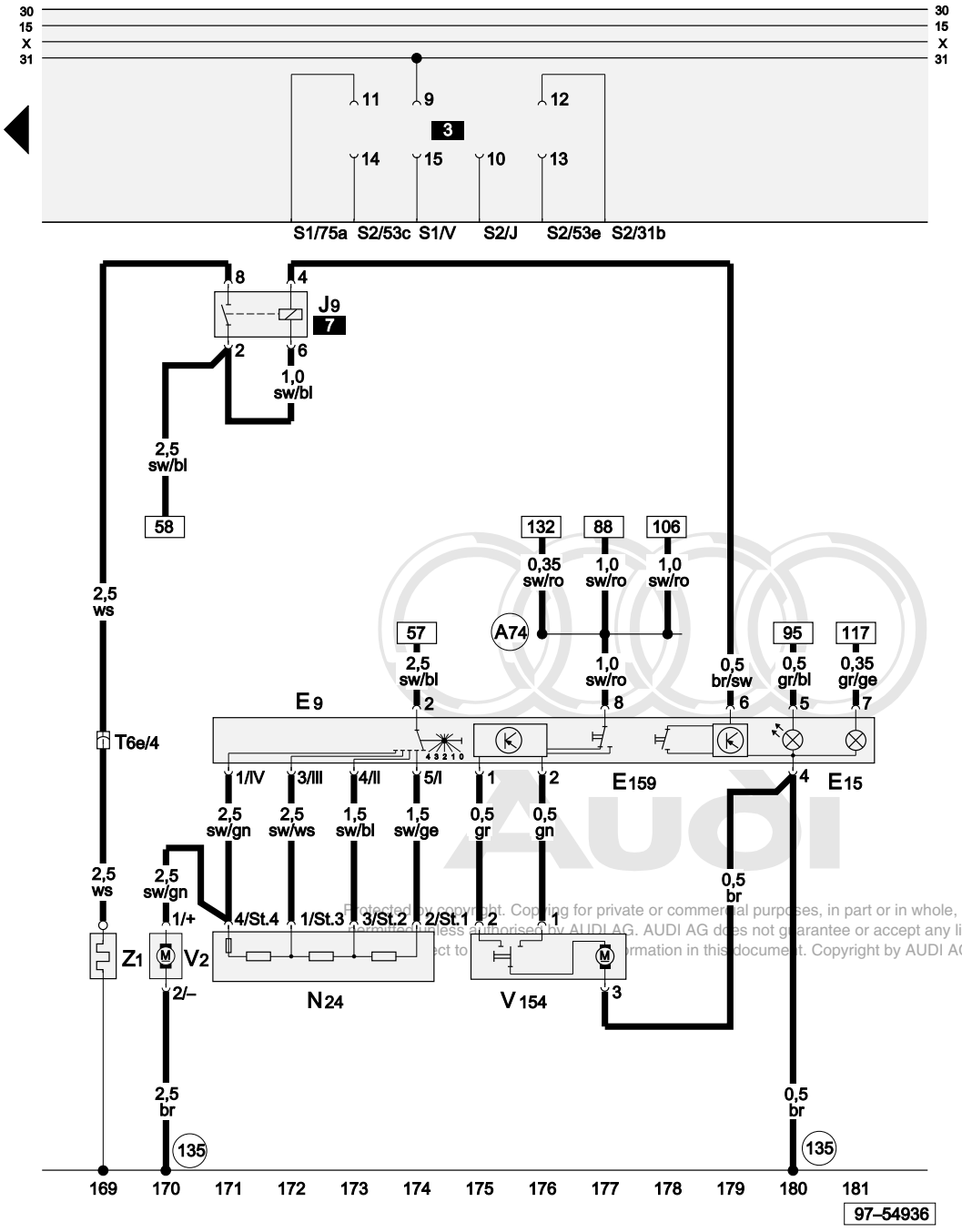


Windscreen washer/wiper system

E22	Intermittent wiper switch
E38	Intermittent wiper control
J31	Automatic intermittent wash/wipe relay
T6al	6-pin connector, black, at steering column switch
T10c	10-pin connector, purple, left connector point, A pillar
T10ad	10-pin connector, red, left connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
V	Windscreen wiper motor
V5	Windscreen washer pump
81	Earth connection -1-, in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness
261	Earth connection, in heated washer jet wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A97	Connection (53), 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



Fresh air blower, heated rear window

E9	Fresh air blower switch
E15	Heated rear window switch
E159	Fresh air/air recirculating flap switch
J9	Heated rear window relay
N24	Fresh air blower with overheating fuse series resistor
T6e	6-pin connector, blue, left connector point, A pillar
V2	Fresh air blower
V154	Fresh air/air recirculating flap control motor
Z1	Heated rear window
135	Earth connection -2-, in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

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Audi A4 (2,8 litre fuel injection engine, 142 kW, Motronic (5 valve), 6 cylinders), engine codes APR/AQD
From model year 2000

Audi A4 (2,4 litre fuel injection engine, 121 kW, Motronic (5 valve), 6 cylinders), engine codes APS/ARJ
From model year 2000

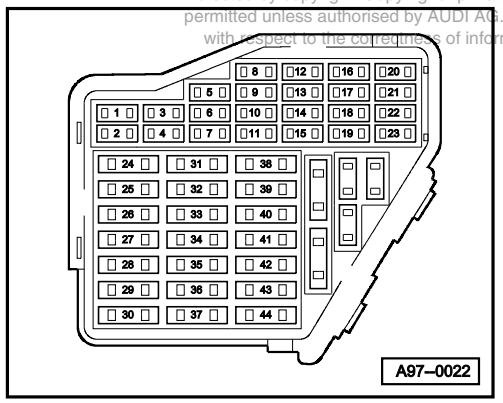
Audi A4 (2,4 litre fuel injection engine, 120 kW, Motronic (5 valve), 6 cylinders), engine codes APZ
From model year 2000

Audi A4 (2,8 litre fuel injection engine, 142 kW, Motronic (5 valve), 6 cylinders), engine codes AQD, From model year 2000
From model year 2000

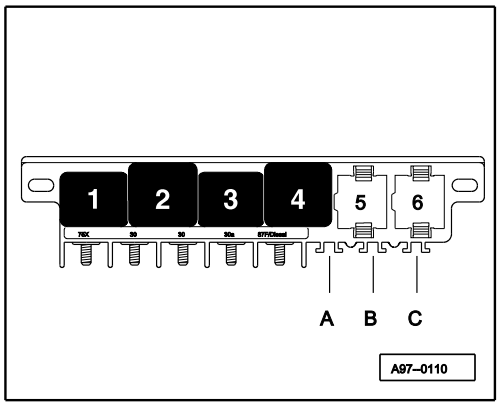
Audi A4 (2,4 litre fuel injection engine, 121 kW, Motronic (5 valve), 6 cylinders), engine codes ARJ, From model year 2000
From model year 2000

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.



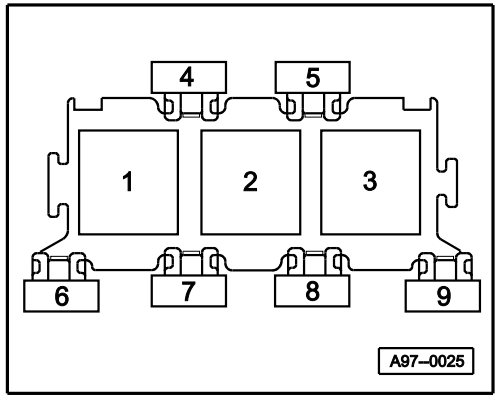
Position of relays:

4 - Fuel pump relay

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:

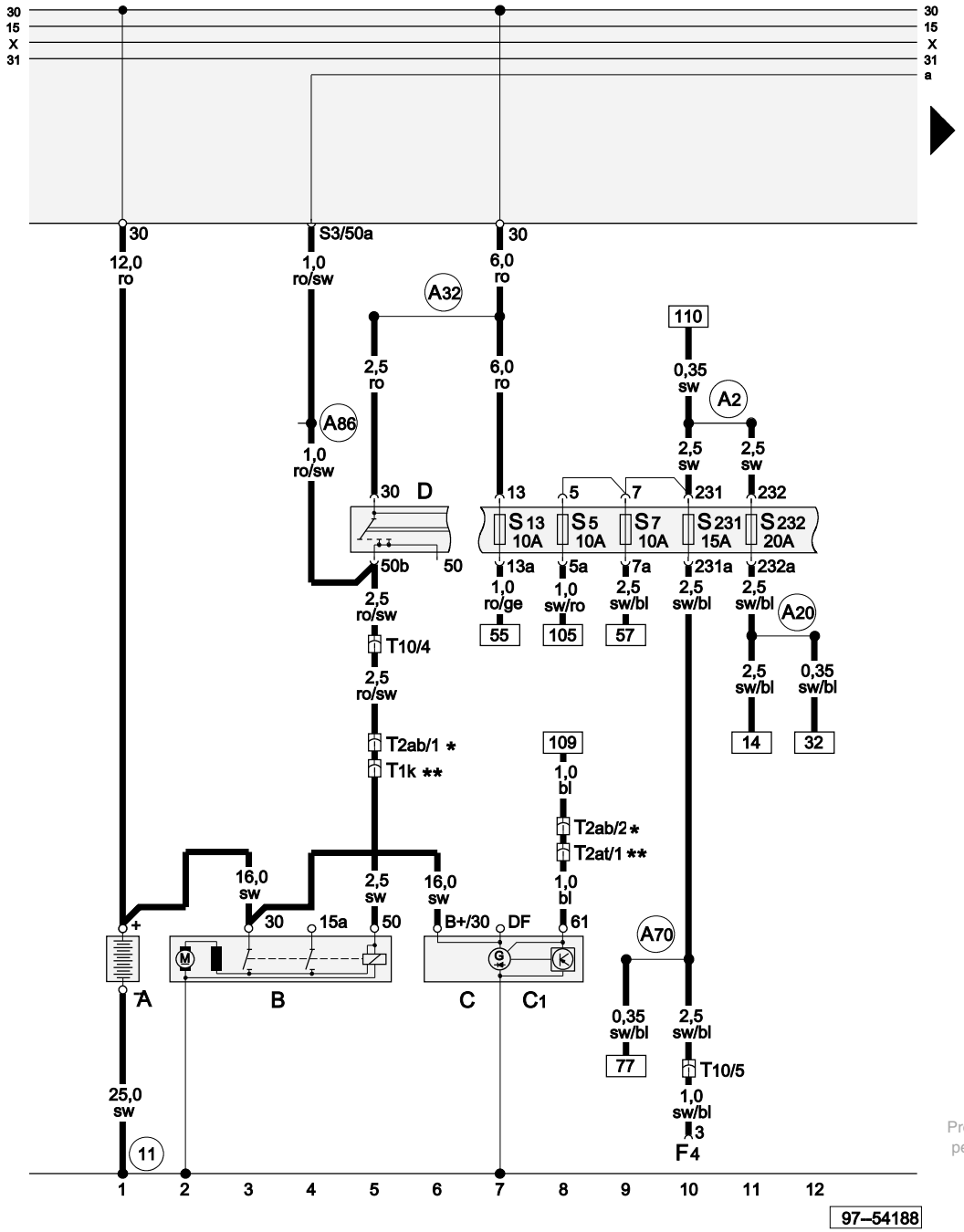
2 - Secondary air pump relay

Position of fuses:

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7 - Secondary air pump fuse

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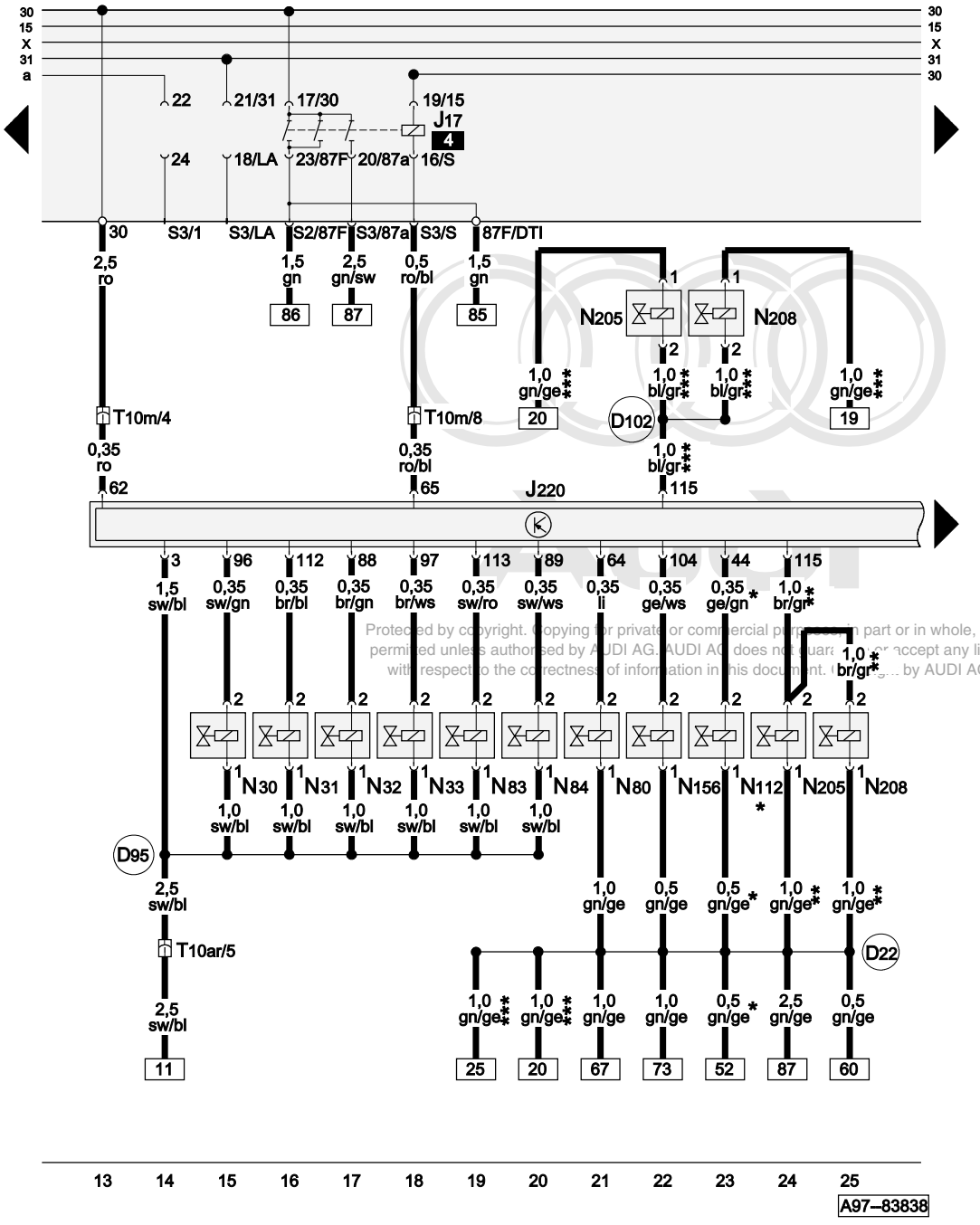


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box
S13	Fuse in fuse box
S231	Fuse in fuse box
S232	Fuse in fuse box
T1k	Single connector, black, in engine compartment, right
T2ab	2-pin connector, grey, in engine compartment, right
T2at	2-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

ws	=	white
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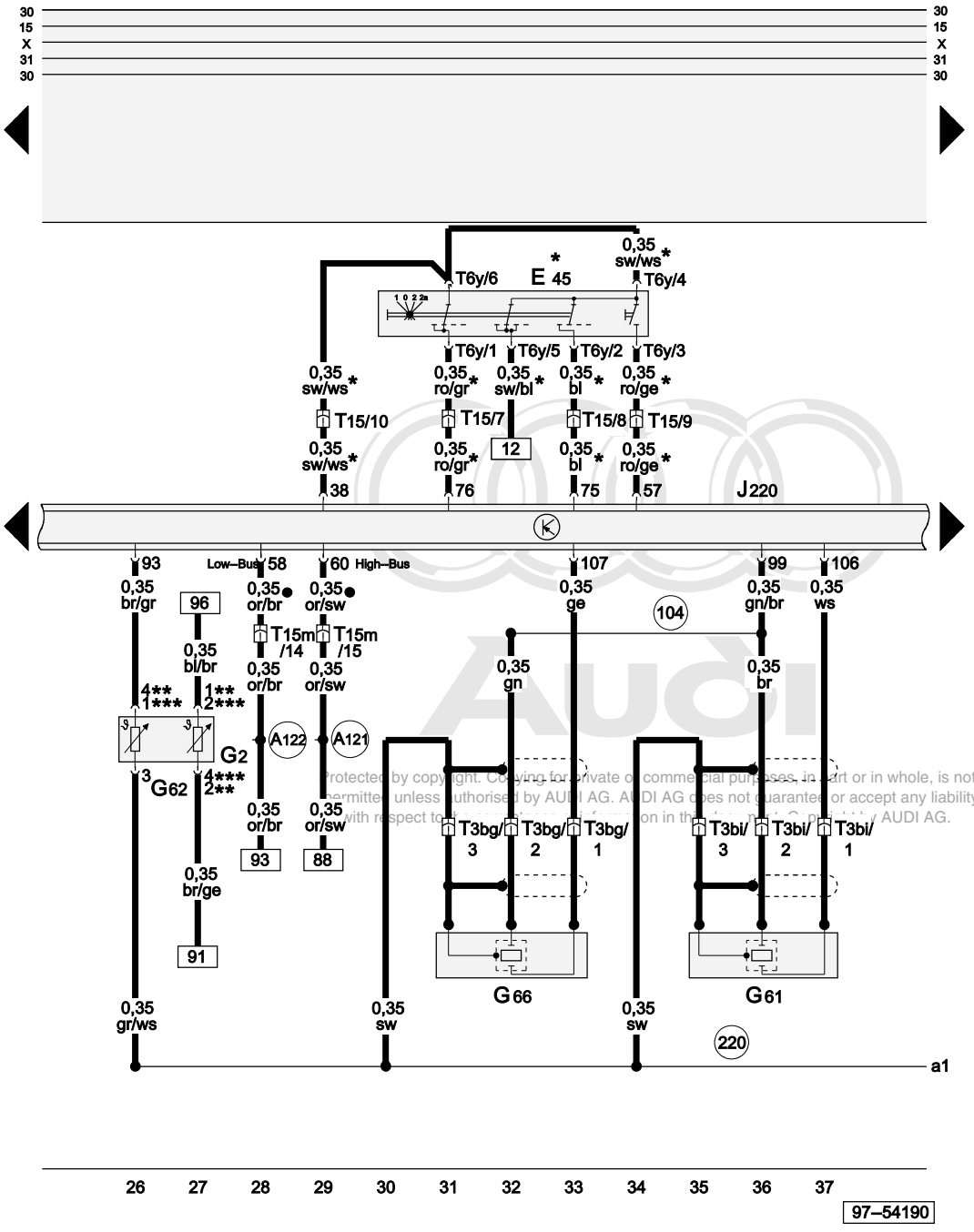


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Motronic control unit, fuel pump relay, injectors

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
N208	Inlet camshaft timing adjustment valve -2-
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
D22	Connection (via fuse 234), in front right wiring harness
D95	Connection (injectors), in engine compartment wiring harness
D102	Connection -2-, in engine compartment wiring harness
*	Applies to engine codes AQD and ARJ only
**	Applicable up to model year 2000
***	Applicable from model year 2001

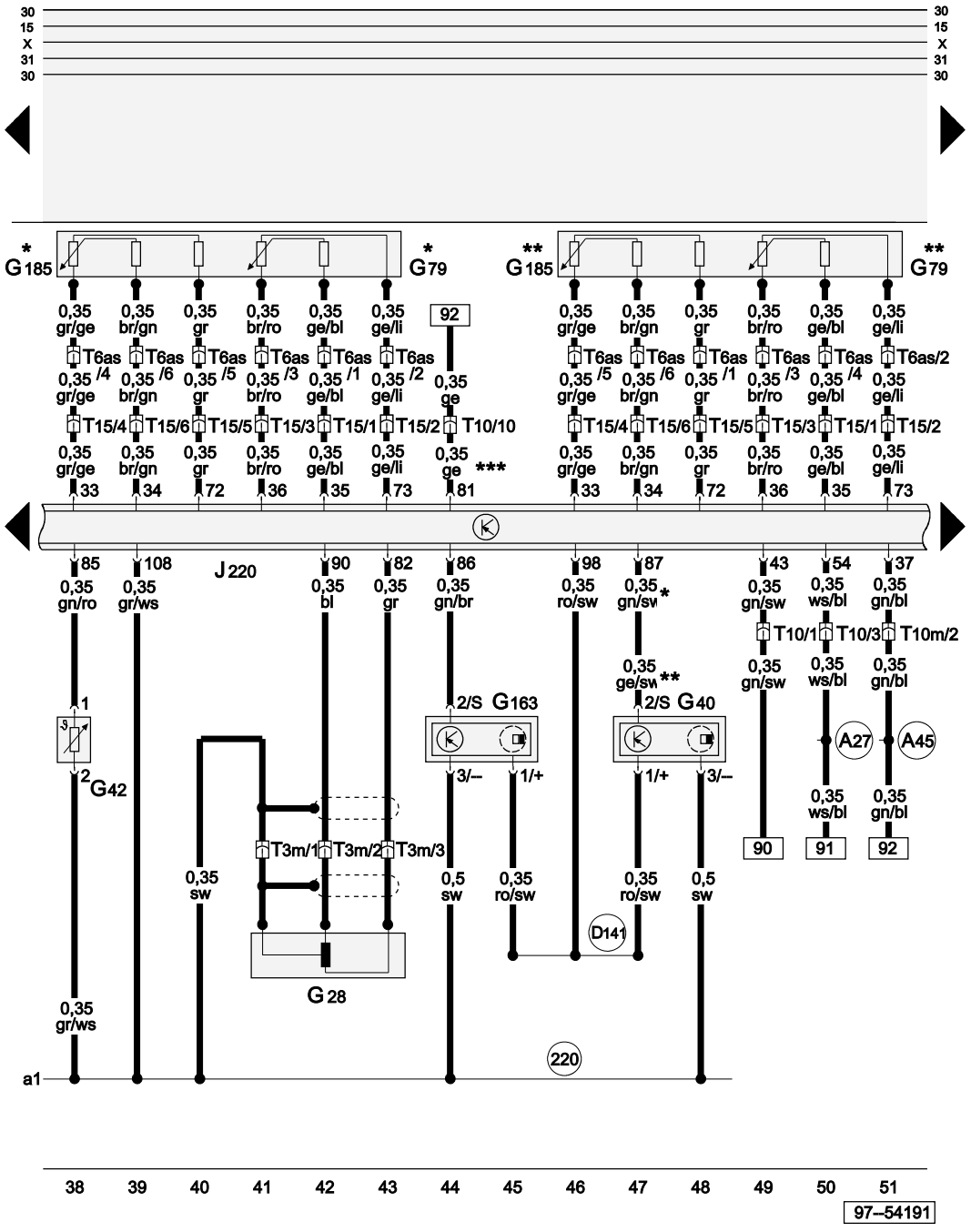


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Motronic control unit, coolant temperature senders, knock sensors, cruise control system switch

E45	Cruise control system switch
G2	Coolant temperature sender
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
T3bg	3-pin connector, brown, in engine compartment, left
T3bi	3-pin connector, brown, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with cruise control system
**	Applicable from model year 2001
***	Applicable up to model year 2000
•	Data bus wire (CAN bus)

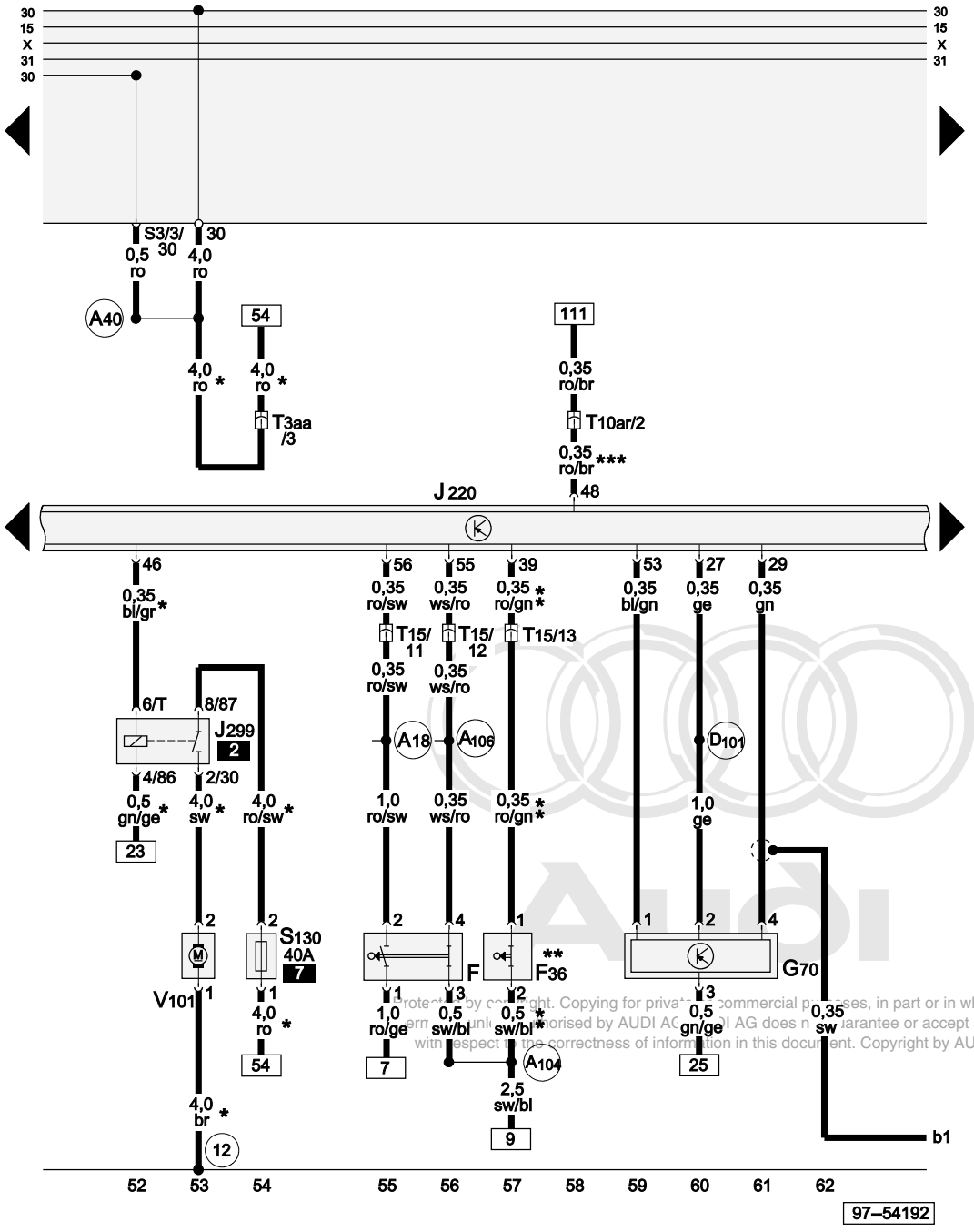


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rs = pink

Motronic control unit, Hall senders, accelerator pedal position senders, intake air temperature sender

G28	Engine speed sender
G40	Hall sender 1
G42	Intake air temperature sender
G79	Accelerator pedal position sender
G163	Hall sender 2
G185	Accelerator pedal position sender -2-
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, in engine compartment, rear
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
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
D141	Connection (5V), in engine prewiring wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001 (phased-in modification)
***	As of model year 2001 no longer fitted (phased-in modification)

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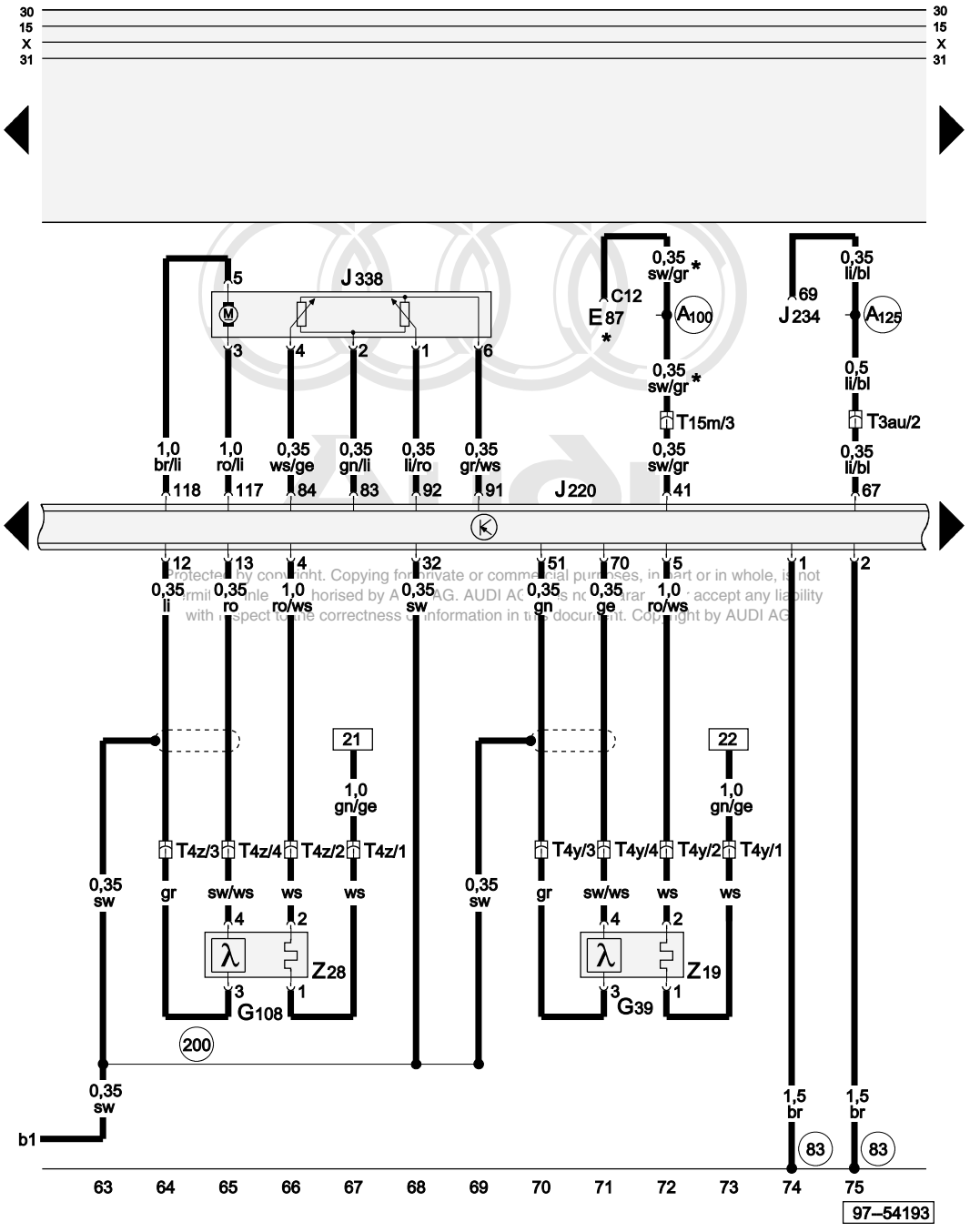


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Motronic control unit, brake light switch, clutch pedal switch, air mass meter, secondary air pump

F	Brake light switch
F36	Clutch pedal switch
G70	Air mass meter
J220	Motronic control unit
J299	Secondary air pump relay
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
12	Earth point, in engine compartment, left
A18	Connection (54), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Applies to engine codes AQD and ARJ only
**	Only models with manual gearbox
***	As of model year 2001 no longer fitted (phased-in modification)

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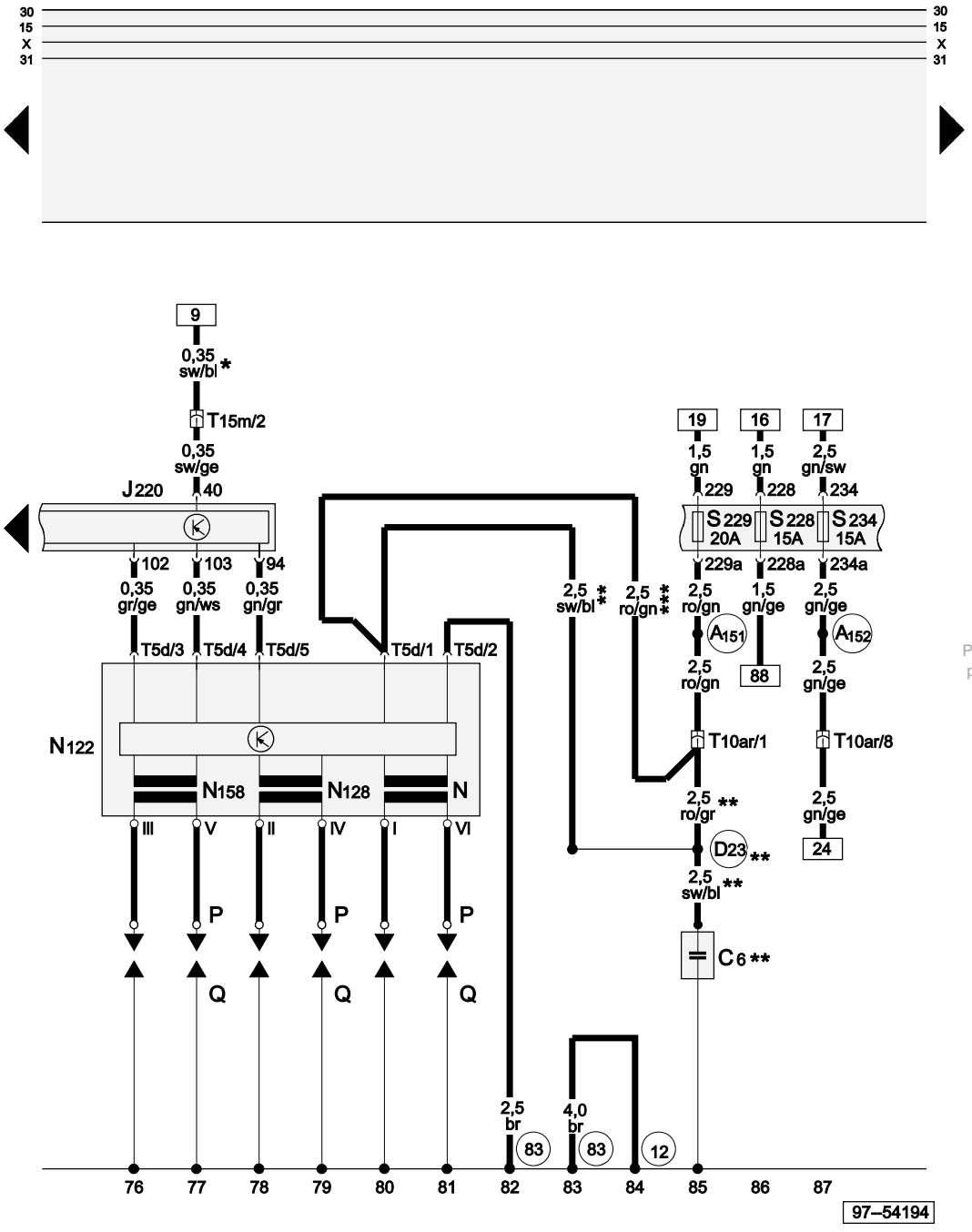


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Motronic control unit, lambda probes, throttle valve control unit

E87	Control and display unit for air conditioner
G39	Lambda probe
G108	Lambda probe 2
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z28	Lambda probe 2 heater
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only models with air conditioner



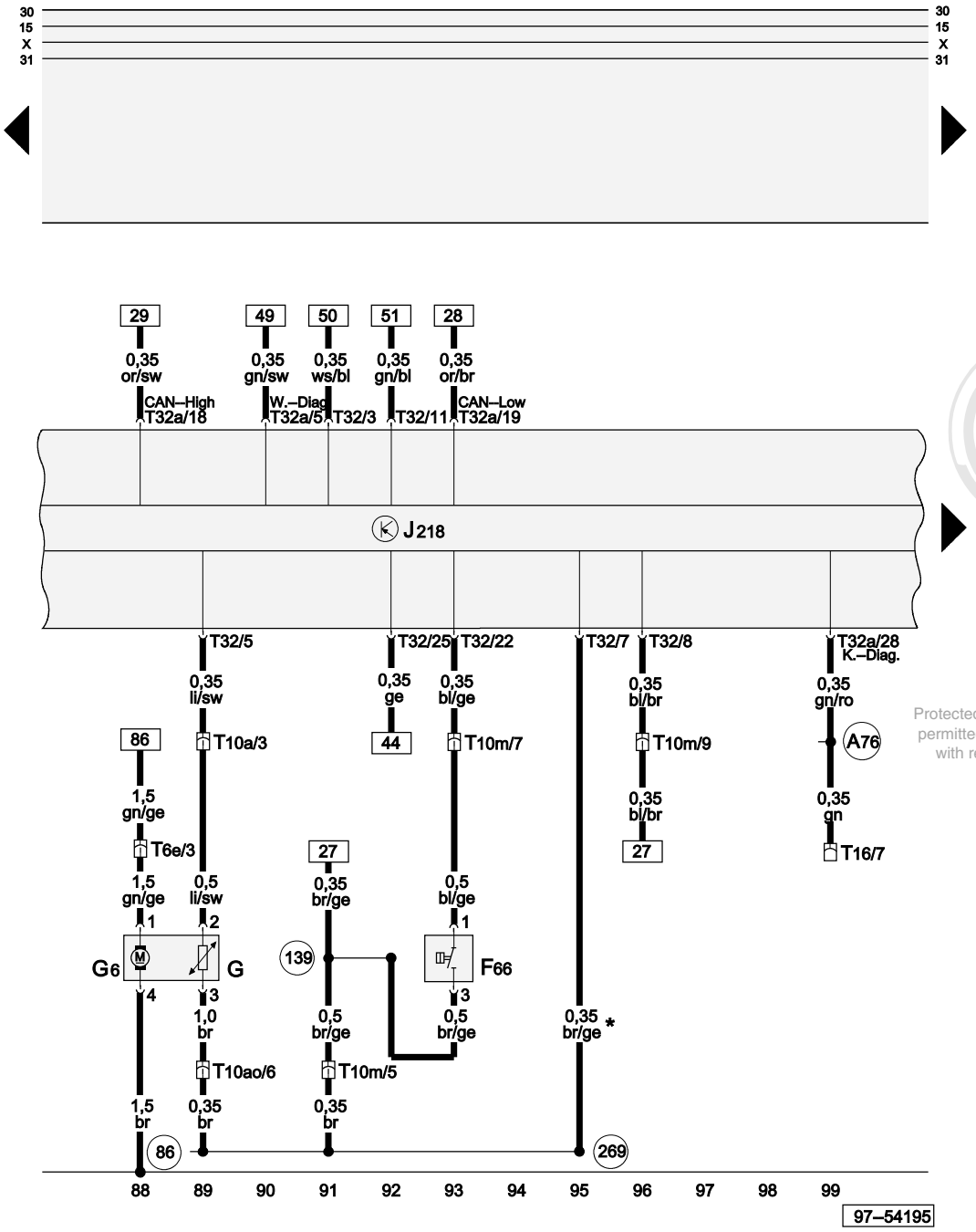
Motronic control unit, ignition system

C6	Coil condenser
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
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T5d	5-pin connector, near ignition coil
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A151	Connection -4- (87), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D23	Connection (via fuse 229), in front right wiring harness

* Only models with front-wheel drive
** Applicable up to model year 1999
*** Applicable from model year 2000 (phased-in modification)

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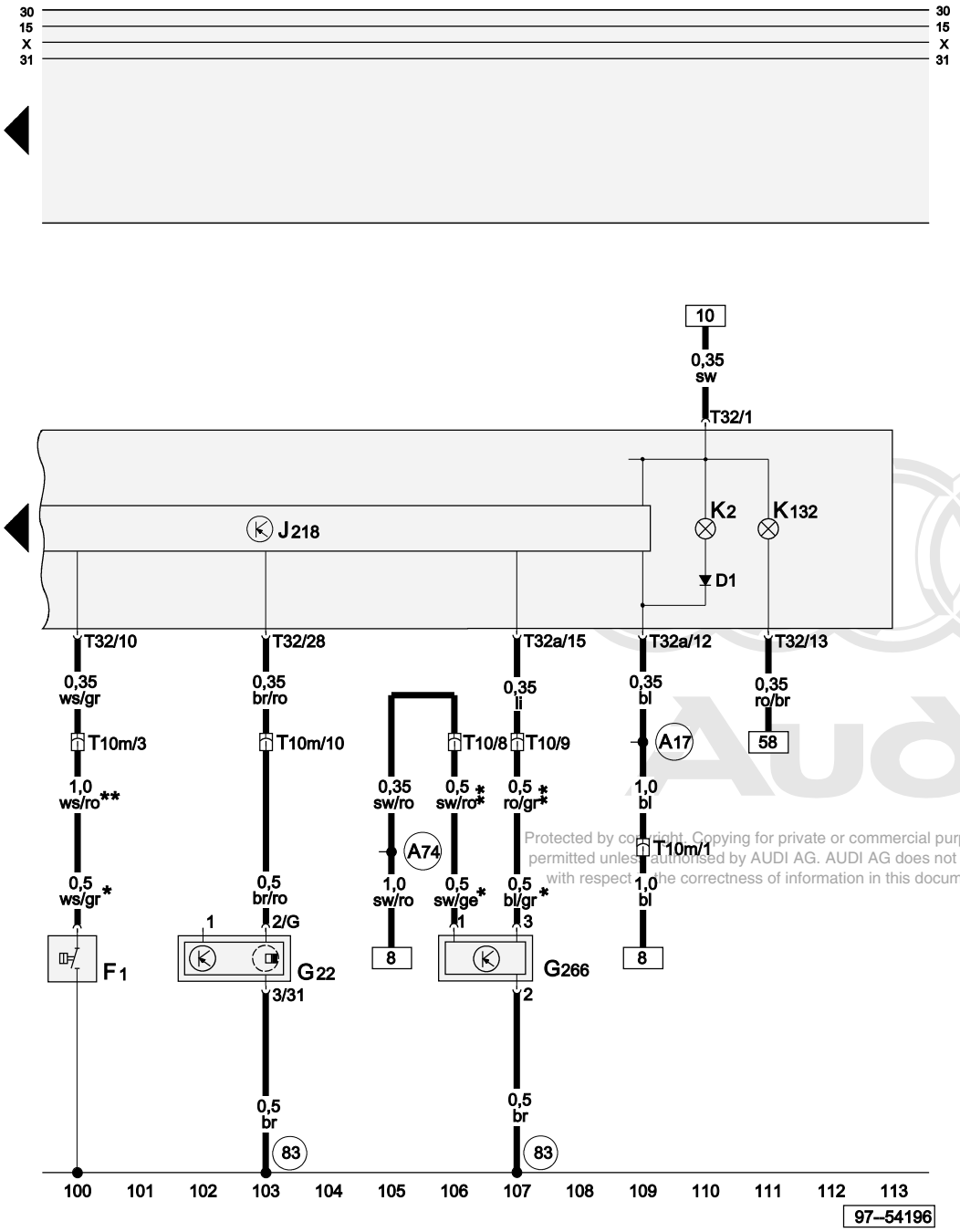


Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth

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Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

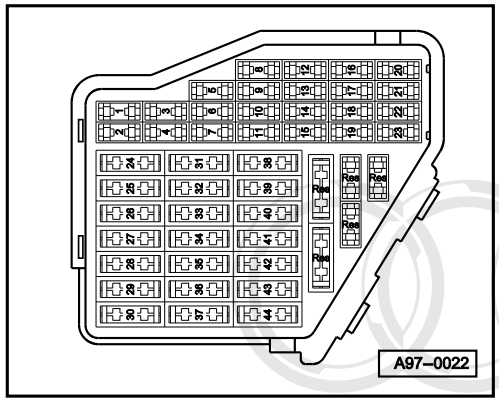
F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
(83)	Earth connection -1-, in front right wiring harness
(A17)	Connection (61), in dash panel wiring harness
(A74)	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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Audi A4 (1.8 litre fuel injection engine, 92 kW, Motronic, 4-cylinder) engine codes APT/ARG

From model year 2000

Fuse box:

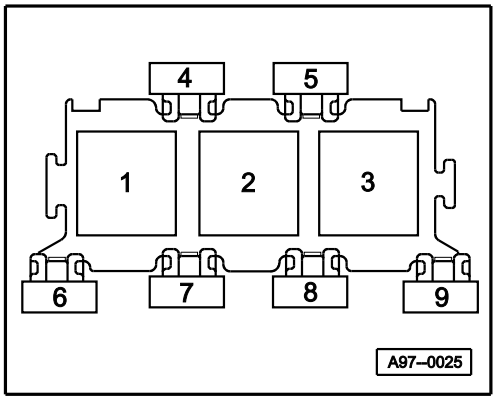


Fuse colours:

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5 A – 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 (electronics box):



Position of relays:

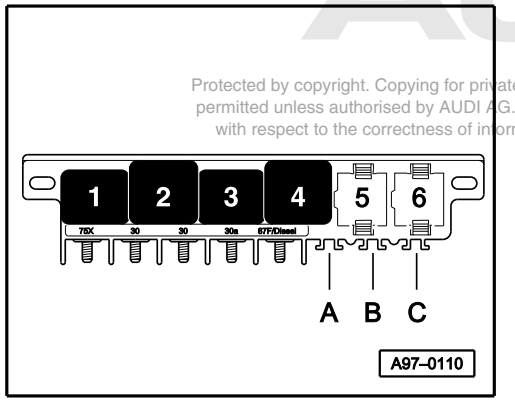
2 - Secondary air pump relay

3 - Current supply relay

Position of fuses:

7 - Secondary air pump fuse

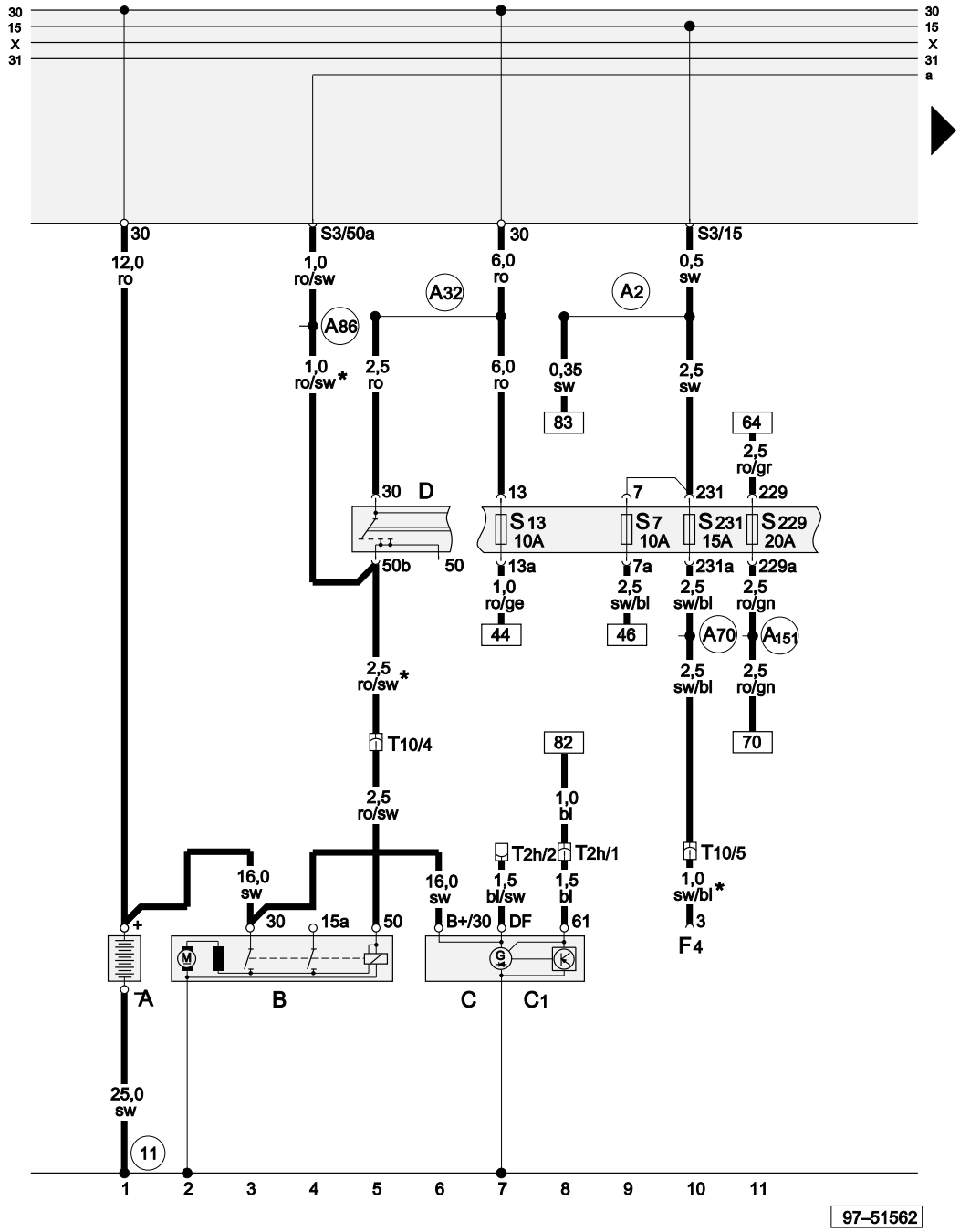
Micro-central electrics:



Position of relays:

4 - Fuel pump relay

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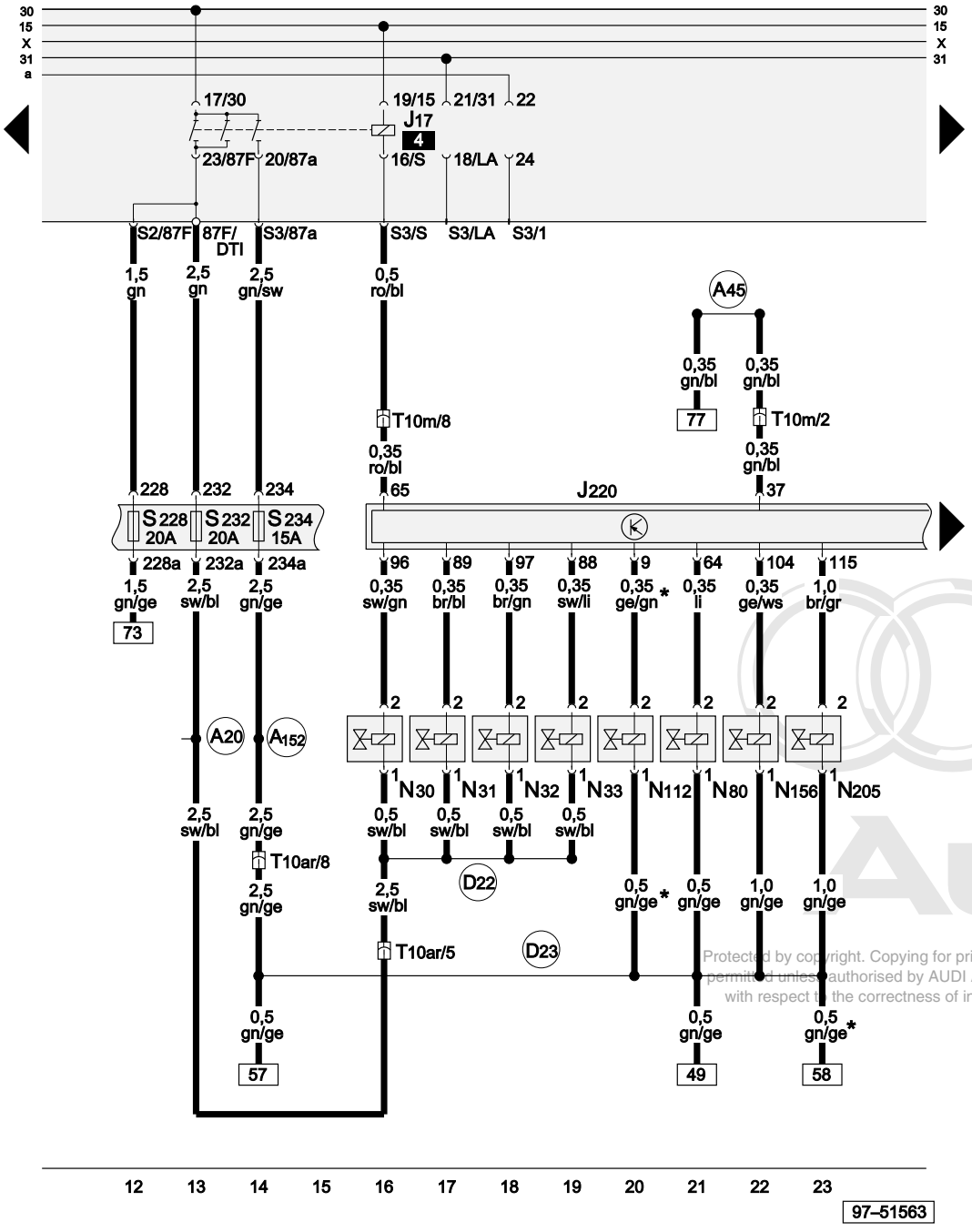


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
S7	Fuse in fuse box
S13	Fuse in fuse box
S231	Fuse in fuse box
S229	Fuse in fuse box
T2h	2-pin connector, blue, in engine compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
A151	Connection -4- (87), in dash panel wiring harness
*	Only models with manual gearbox

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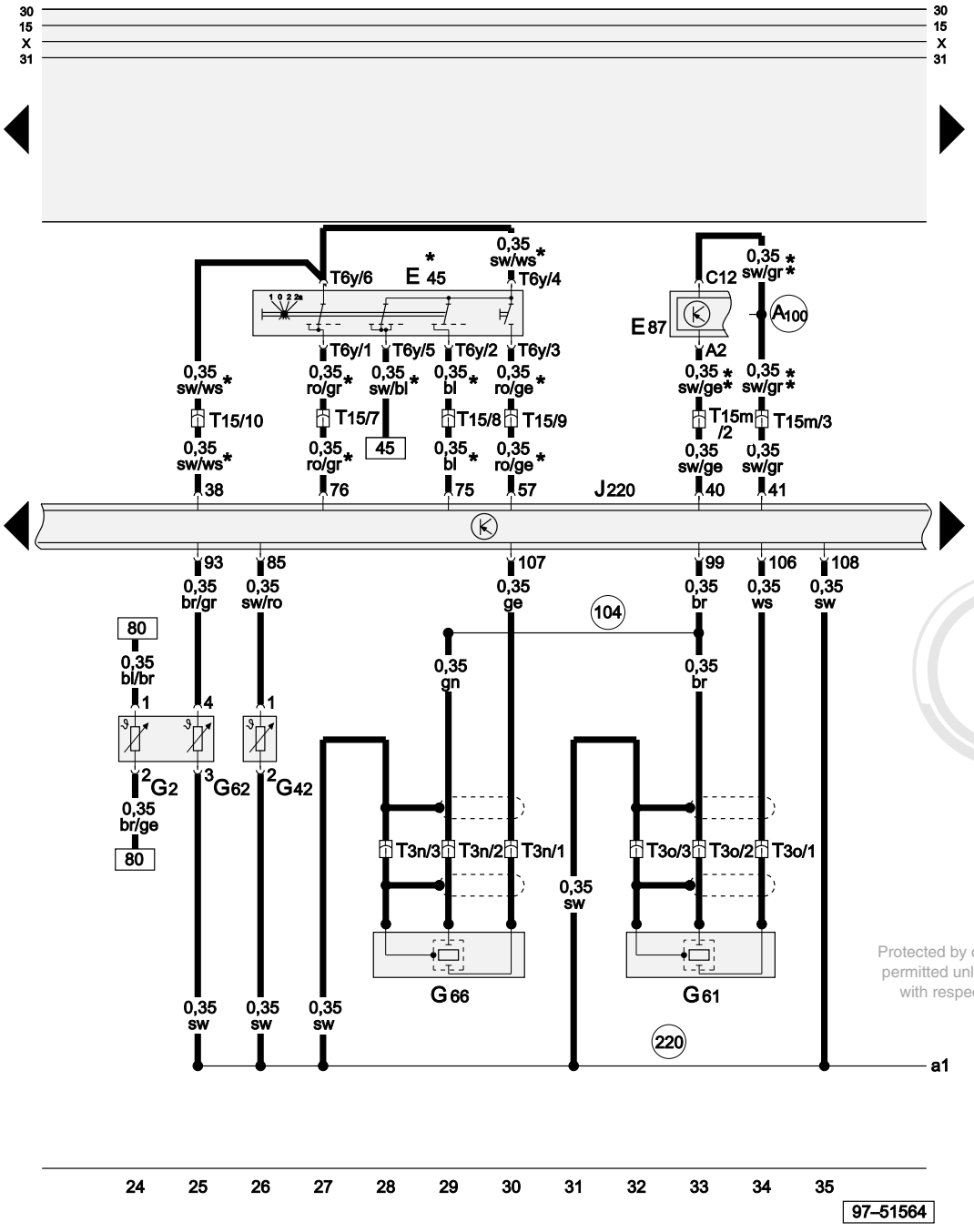


Motronic control unit, fuel pump relay, injectors

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
S228	Fuse in fuse box
S232	Fuse in fuse box
S234	Fuse in fuse box
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A20	Connection (15a), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness
D23	Connection (via fuse 229), in front right wiring harness
*	Applies to engine code ARG only

ws = white
sw = black
ro = red
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gn = green
bl = blue
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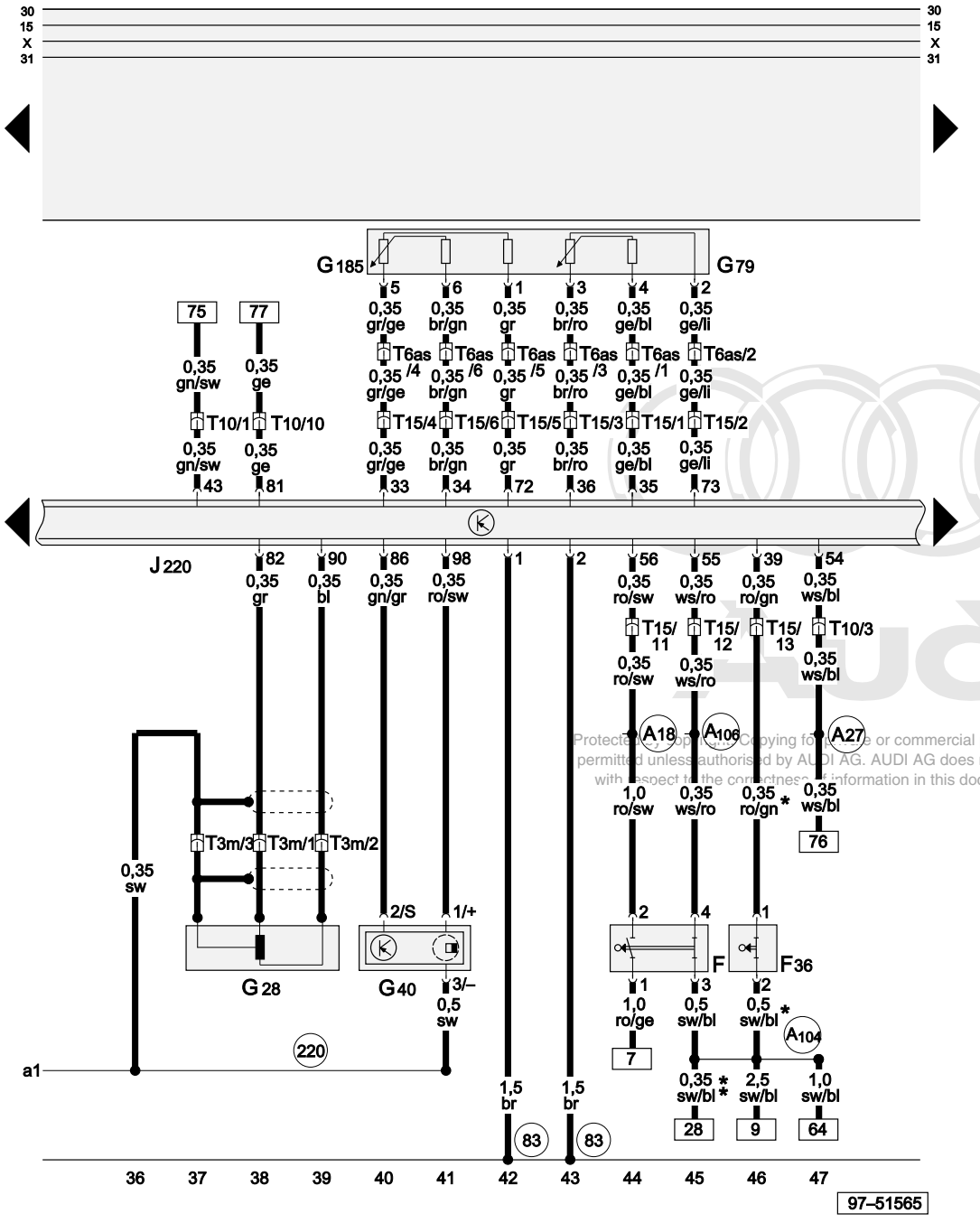


Motronic control unit, coolant temperature senders, intake air temperature sender, knock sensors, cruise control system switch

E45	Cruise control system switch
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
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, green, in engine compartment, left
T6y	6-pin connector, black, next to steering column left
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness - sensor earth -
220	Earth connection (sender earth), in engine wiring harness
A100	Connection -2- (87), in dash panel wiring harness
*	Only models with cruise control system
**	Only models with air conditioner

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

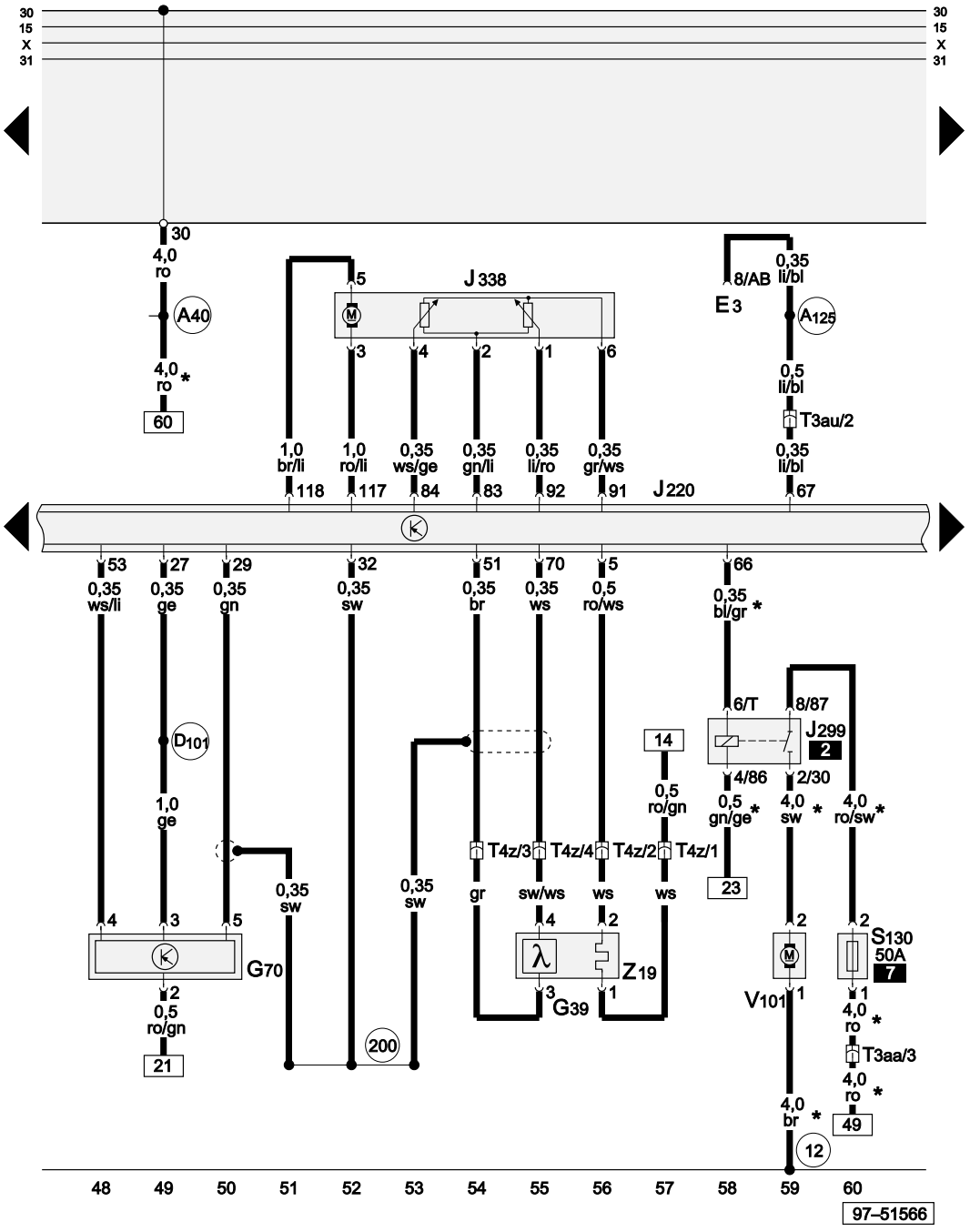


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, brake light switch, clutch pedal switch, engine speed sender, Hall sender, accelerator pedal position sender

F	Brake light switch
F36	Clutch pedal switch
G28	Engine speed sender
G40	Hall sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, in engine compartment, rear
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
220	Earth connection (sender earth), in engine wiring harness
A18	Connection (54), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
*	Only models with manual gearbox
**	Only models with cruise control system

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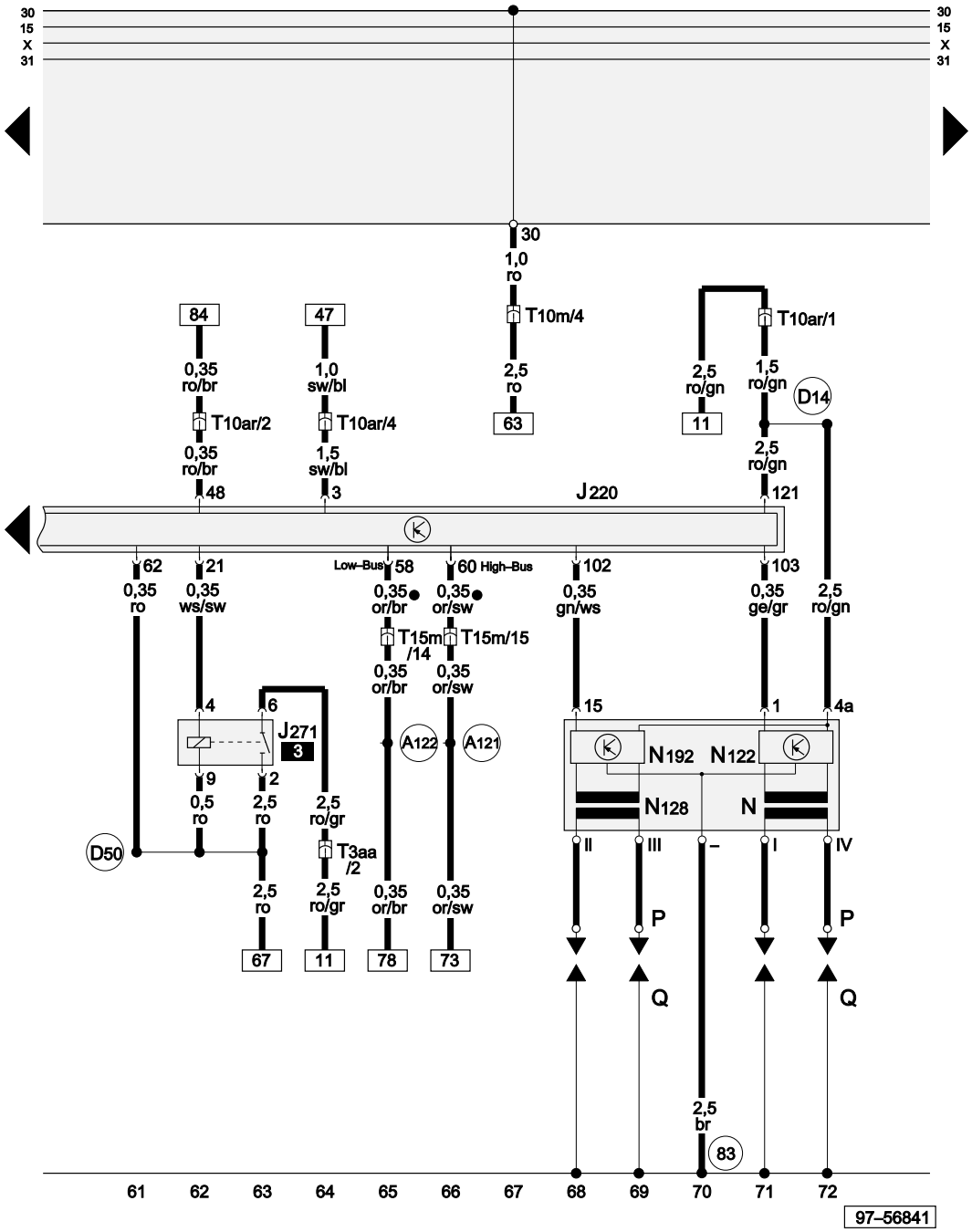


Motronic control unit, throttle valve control unit, lambda probe, air mass meter

E3	Hazard warning light switch
G39	Lambda probe
G70	Air mass meter
J220	Motronic control unit
J299	Secondary air pump relay
J338	Throttle valve control unit
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4z	4-pin connector, black, in engine compartment, left
V101	Secondary air pump motor
Z19	Lambda probe heater
12	Earth point, in engine compartment, left
200	Earth connection (screening), in engine compartment wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Applies to engine code ARG only

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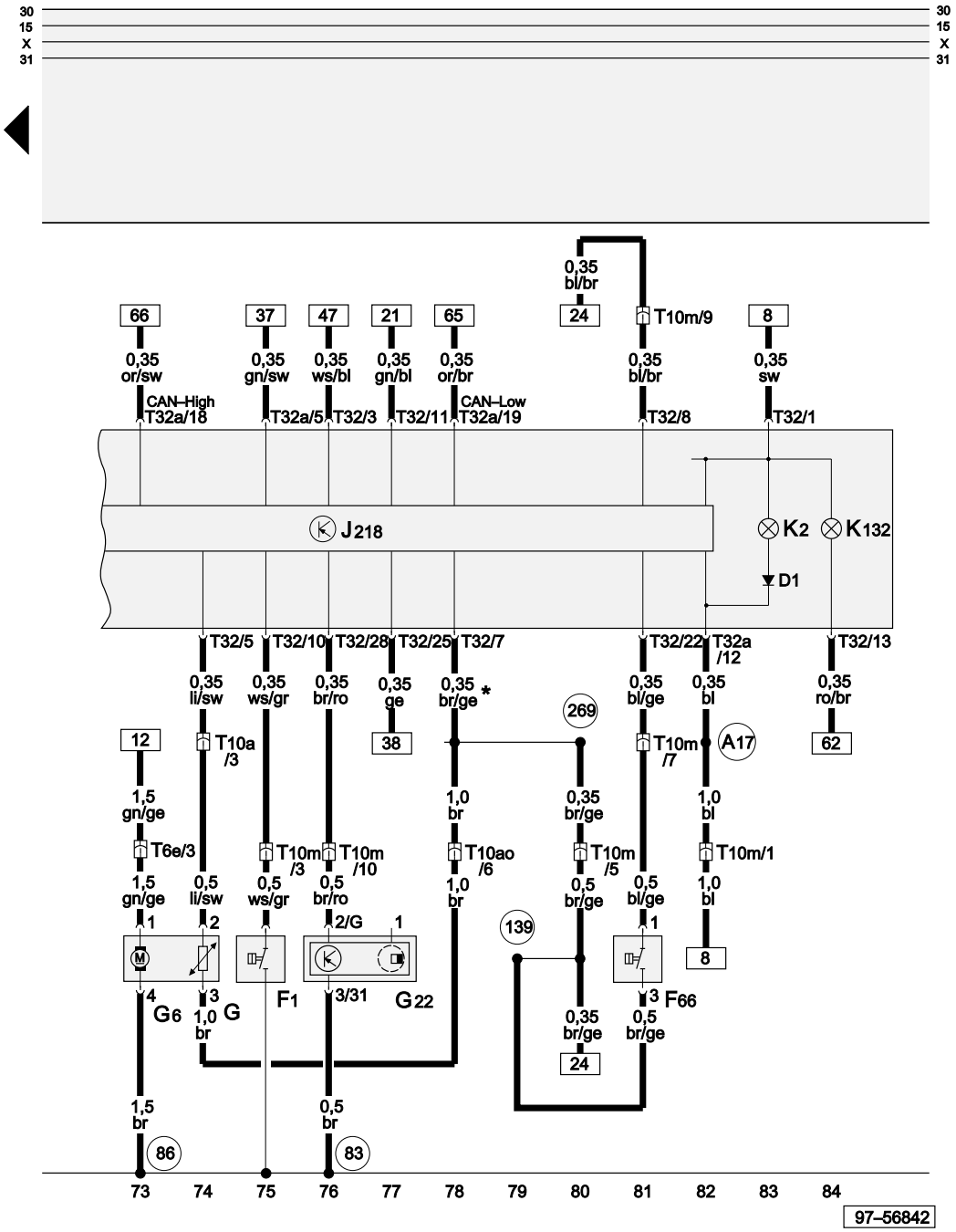


Motronic control unit, ignition system, current supply relay

J220	Motronic control unit
J271	Motronic current supply relay
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
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
•	Data bus wire (CAN bus)

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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
G22	Speedometer sender (Hall sender, on gearbox)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault 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
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A17	Connection (61), in dash panel wiring harness
*	Output for signal earth

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

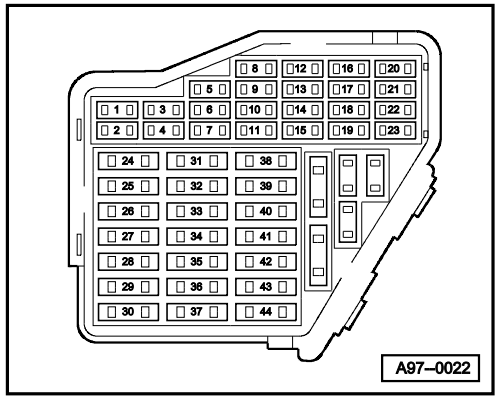
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Audi A4 (1.8 litre fuel injection engine, 110 kW, Motronic (5-valve/turbo), 4-cylinder), engine codes APU/ANB

From model year 2000

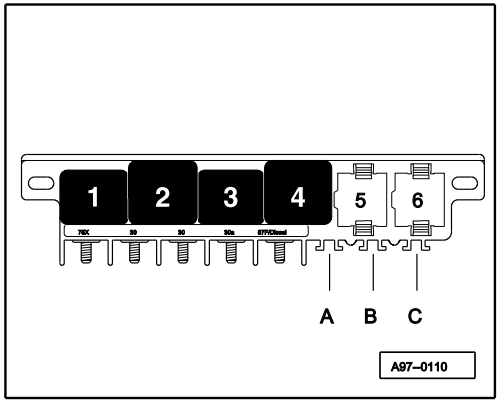
Audi A4 (1.8 litre fuel injection engine, 110 kW, Motronic (5-valve/turbo), 4-cylinder), engine codes ANB, From model year 2000

Fuse box:



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

Micro-central electrics:



Position of relays:

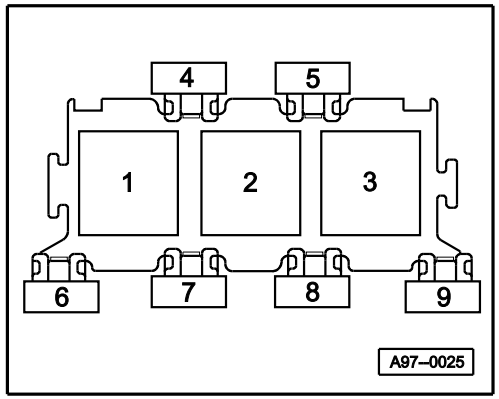
4 - Fuel pump relay

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Fuse colours

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

3-point relay carrier (electronics box):



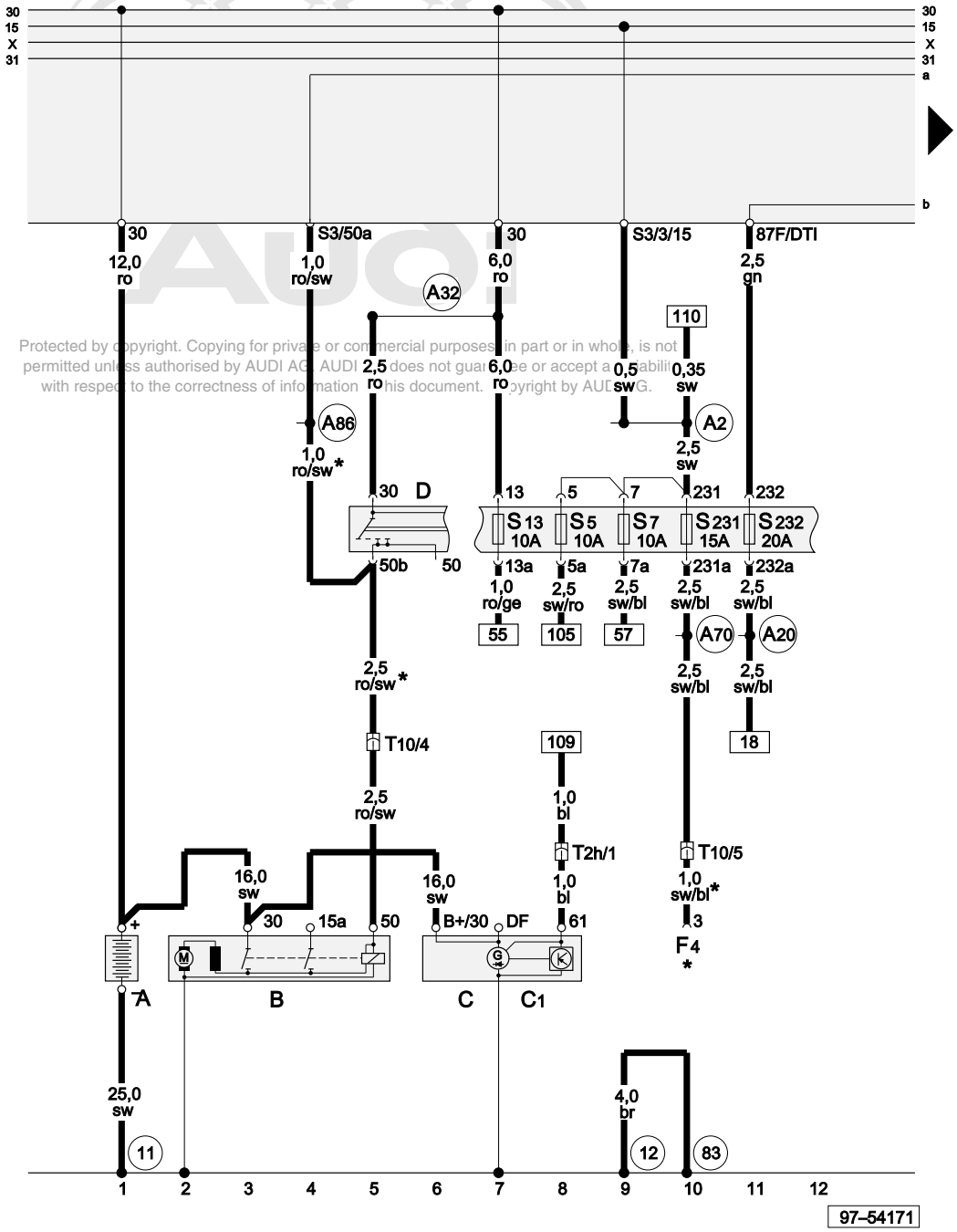
Position of relays:

2 - Secondary air pump relay
3 - Current supply relay (main relay)

Position of fuses:

7 - Secondary air pump fuse

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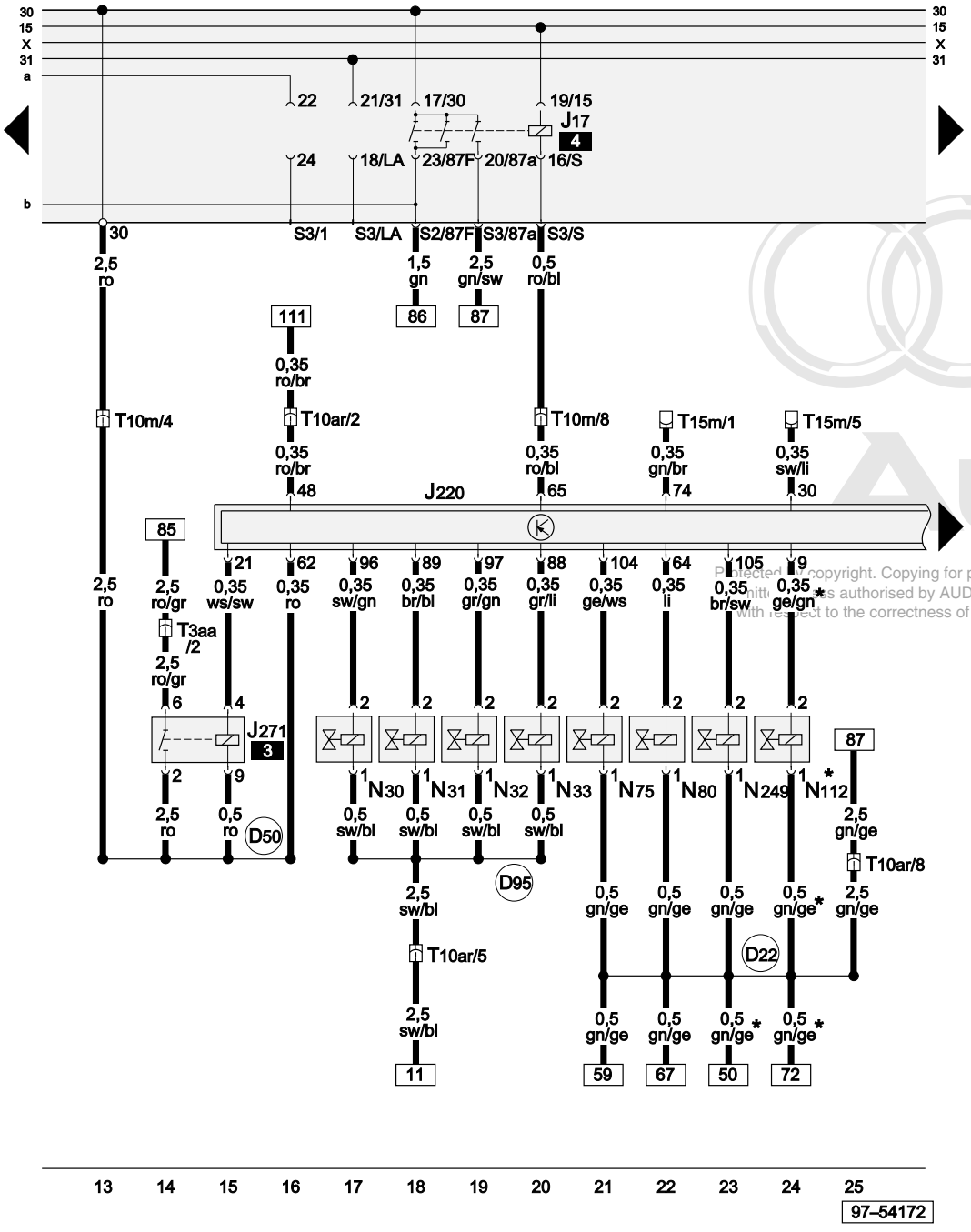


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box
S13	Fuse in fuse box
S231	Fuse in fuse box
S232	Fuse in fuse box
T1a	Single connector, blue, in engine compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
12	Earth point, in engine compartment, left
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
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with manual gearbox

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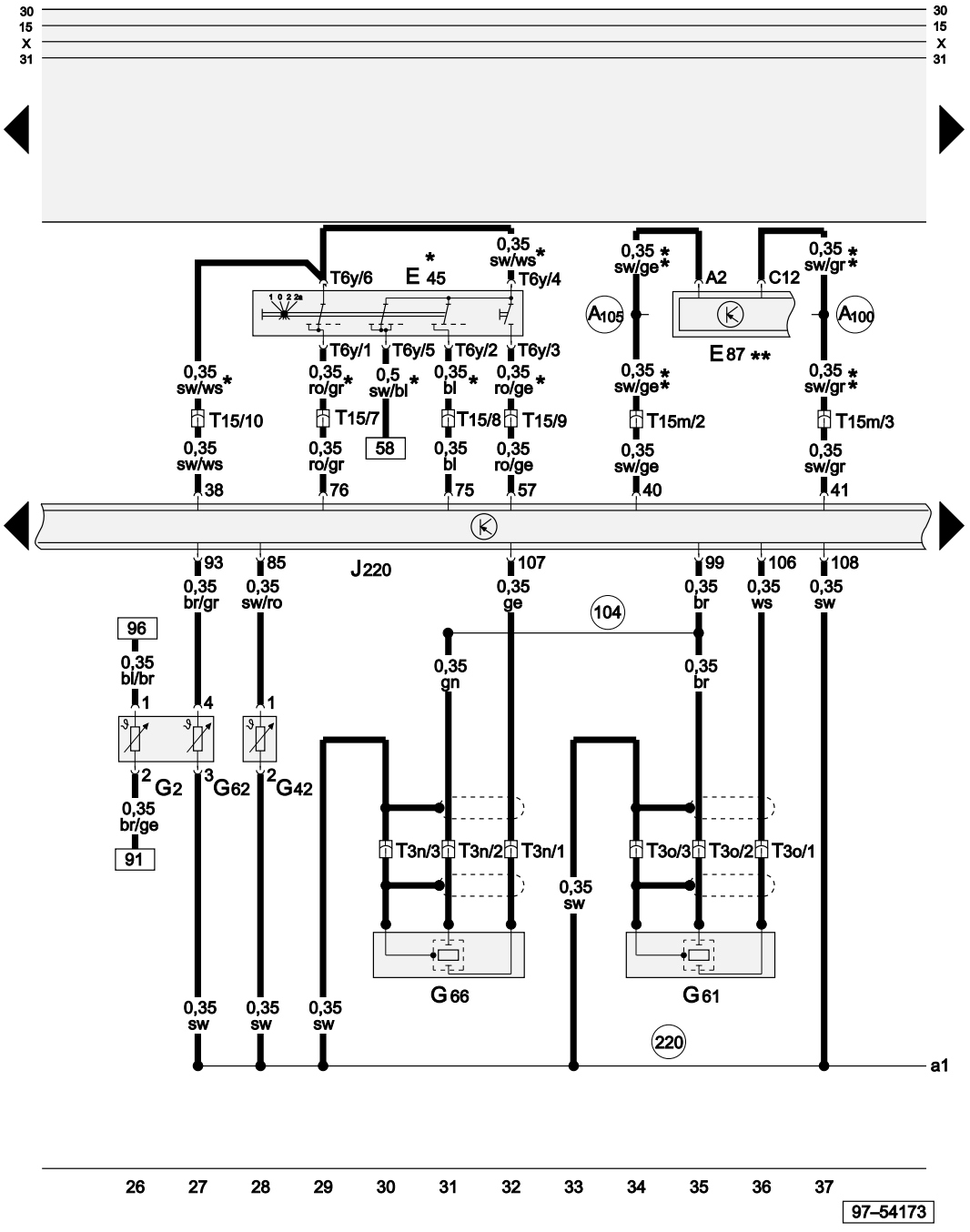


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, fuel pump relay, injectors, by-pass air cut-off valve, current supply relay

J17	Fuel pump relay
J220	Motronic control unit
J271	Motronic current supply relay (main relay)
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
N112	Secondary air inlet valve
N249	Turbocharger divert air valve
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
D22	Connection (via fuse 234), in engine compartment wiring harness, right
D50	Positive (+) connection (30), in engine compartment wiring harness
D95	Connection (injectors), in engine compartment wiring harness
*	Applies to engine code ANB only

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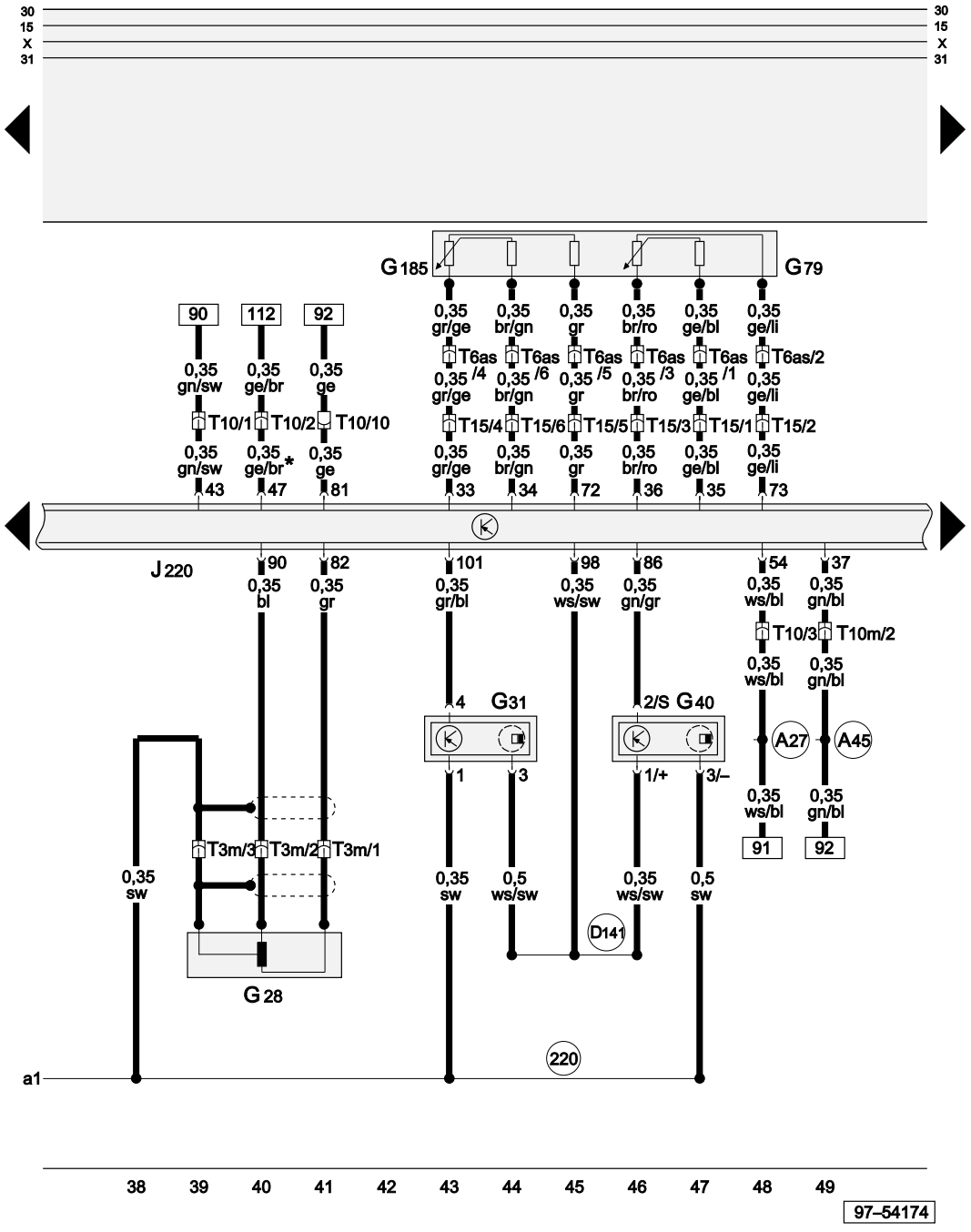


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
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Motronic control unit, coolant temperature senders, knock sensors, cruise control system switch, intake air temperature sender

E45	Cruise control system switch
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
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, green, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
*	Only models with cruise control system
**	Only models with air conditioner

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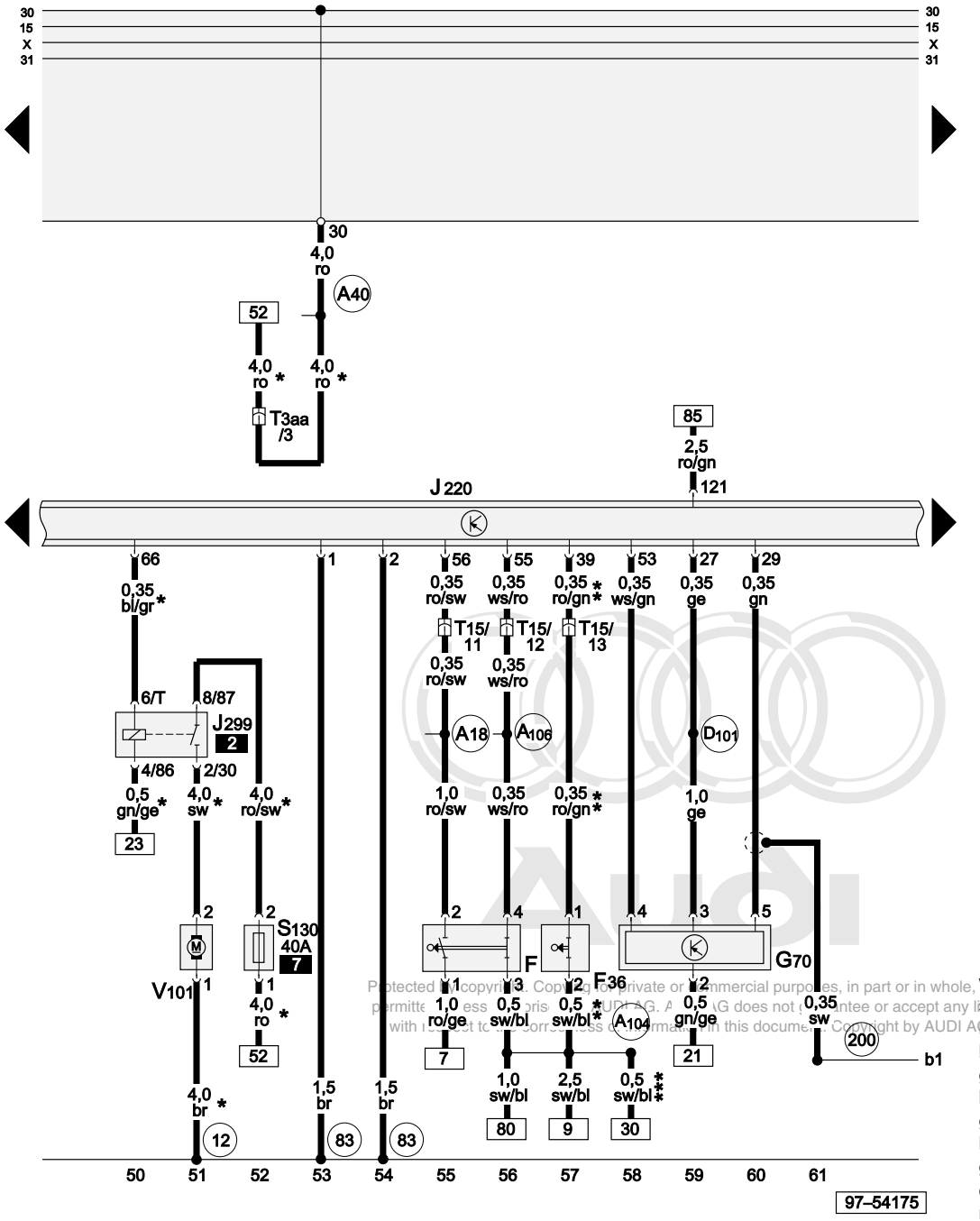


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, engine speed sender, charge air pressure sender, accelerator pedal position senders, Hall sender

G28	Engine speed sender
G31	Charge air pressure sender
G40	Hall sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, in engine compartment, rear
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
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
D141	Connection (5V), in engine prewiring wiring harness
*	Applies to engine code ANB only

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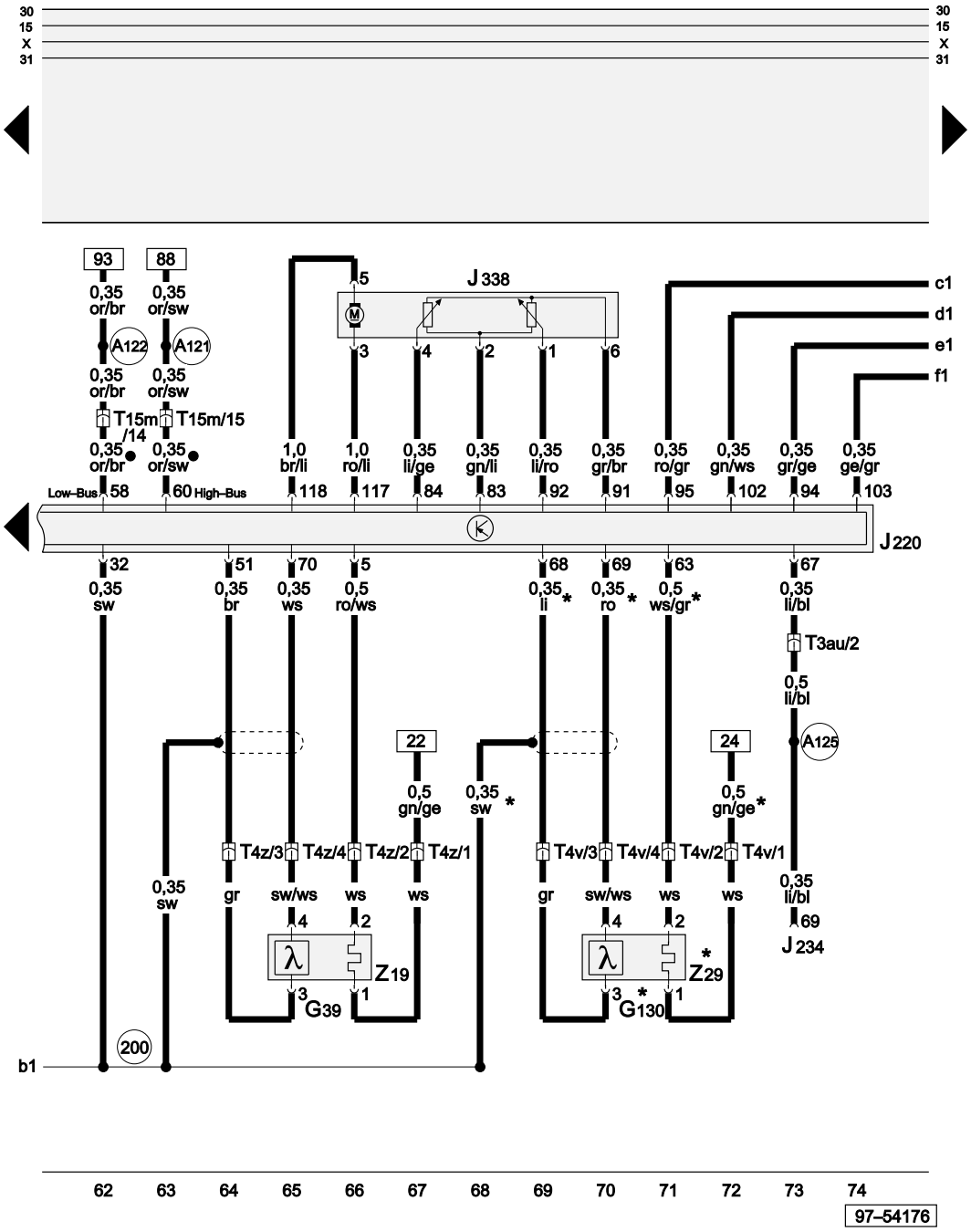


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Brake light switch, clutch pedal switch, air mass meter, secondary air pump, Motronic control unit

F	Brake light switch
F36	Clutch pedal switch
G70	Air mass meter
J220	Motronic control unit
J299	Secondary air pump relay
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A18	Connection (54), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Applies to engine code ANB only
**	Only models with manual gearbox
***	Only models with cruise control system

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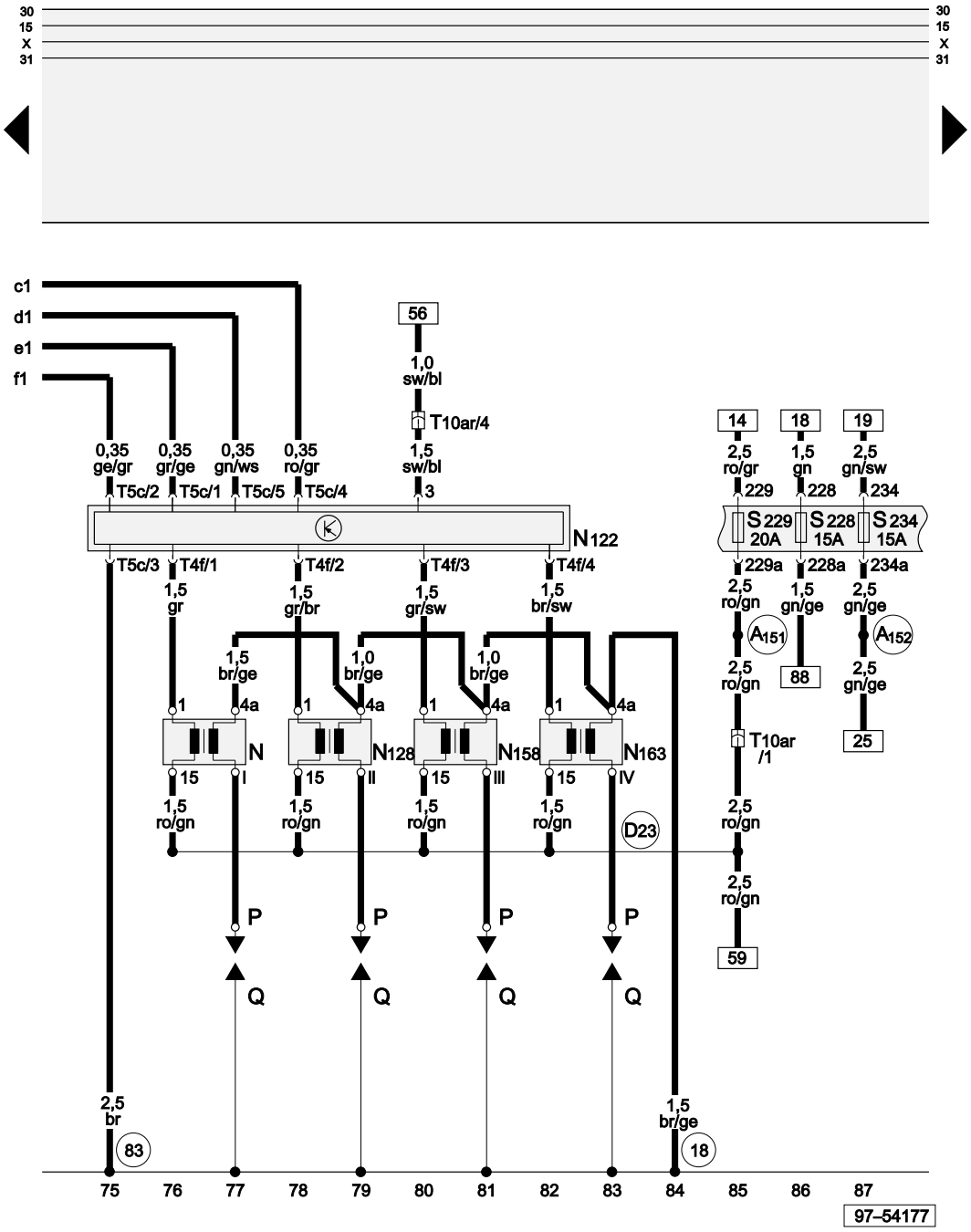


Lambda probe, throttle valve control unit, Motronic control unit

G39	Lambda probe
G130	Lambda probe downstream of catalytic converter
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4v	4-pin connector, brown, in engine compartment, left
T4z	4-pin connector, black, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, in plenum chamber
Z19	Lambda probe heater
Z29	Lambda probe 1 heater, downstream of catalytic converter
200	Earth connection (screening), in engine compartment wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Applies to engine code ANB only
•	Data bus wire (CAN bus)

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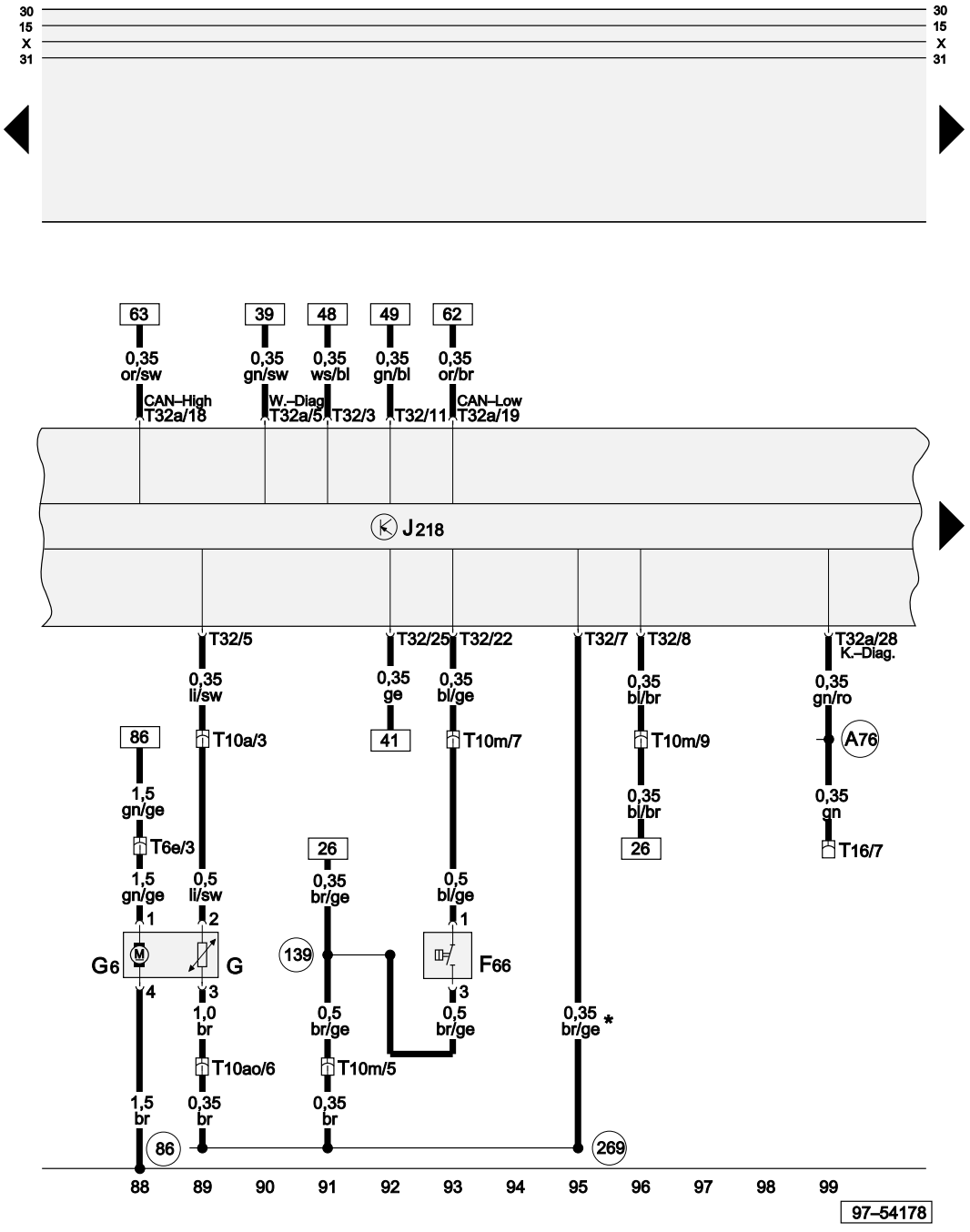


Ignition system

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
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T4f	4-pin connector, black, at output stage
T5c	5-pin connector, black, at output stage
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
18	Earth point, on cylinder block
83	Earth connection -1-, in front right wiring harness
A151	Connection -4- (87), in dash panel wiring harness
A152	Connection -5- (87), 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
li = purple
ge = yellow
or = orange
rs = pink

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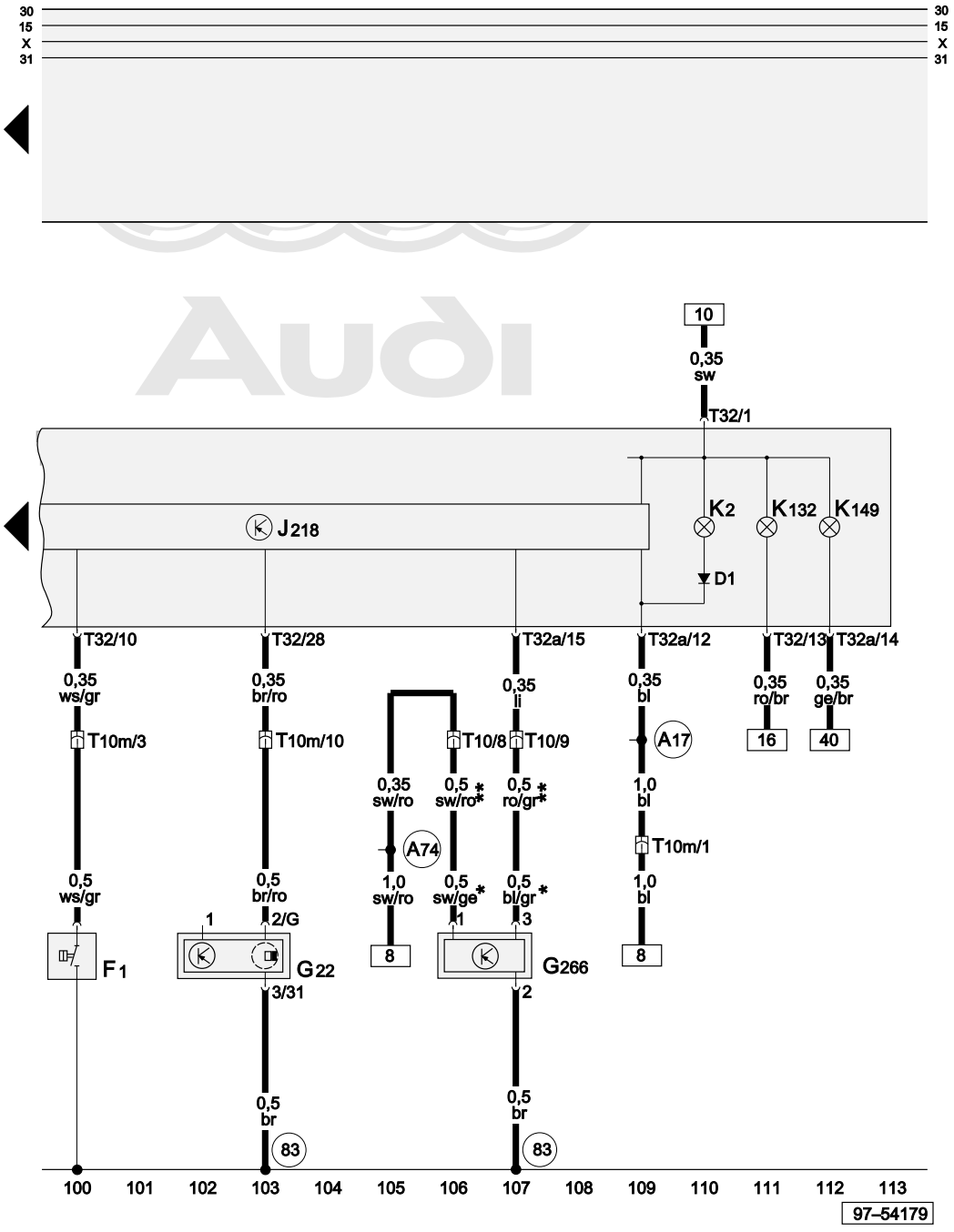


Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth

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rs	=	pink



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

Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

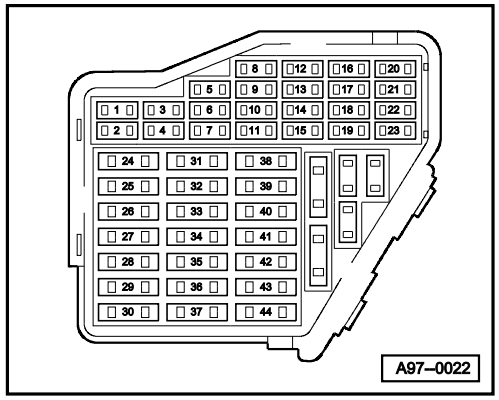
Audi A4 (2.5 litre turbo-diesel engine (TDI), 110 kW, 6-cylinder), engine code AFB

From model year 2000

Audi A4 (2.5 litre turbo-diesel engine (TDI), 110 kW, 6-cylinder), engine code AKN *

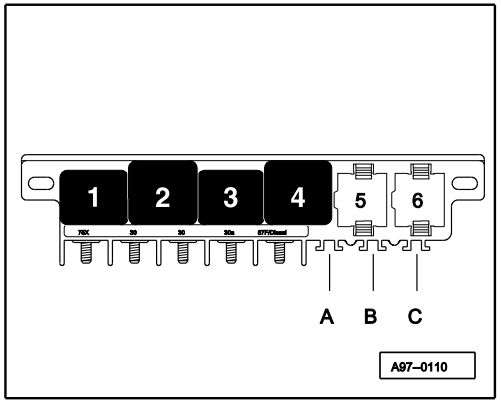
From model year 2000

Fuse box:



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

Micro-central electrics:



Position of relays:

4 - Relay for glow plugs

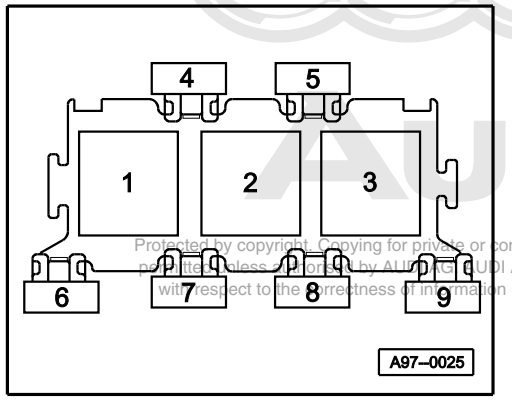
* - Engines with manual gearbox: see Current Flow Diagram 1999 Model Year

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Fuse colours

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

3-point relay carrier (electronics box):



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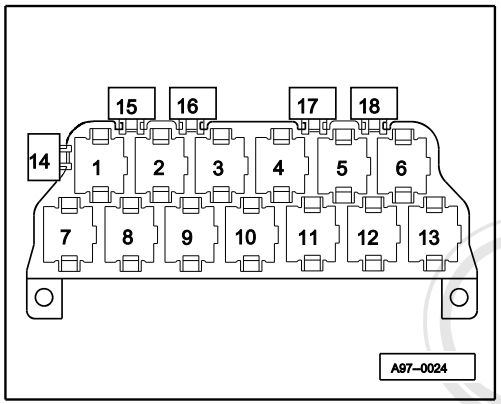
Position of relays:

3 - Diesel direct injection system relay

Position of fuses:

5 - Fuse for engine electrics
7 - Fuse I for glow plugs - engine
9 - Fuse II for glow plugs - engine

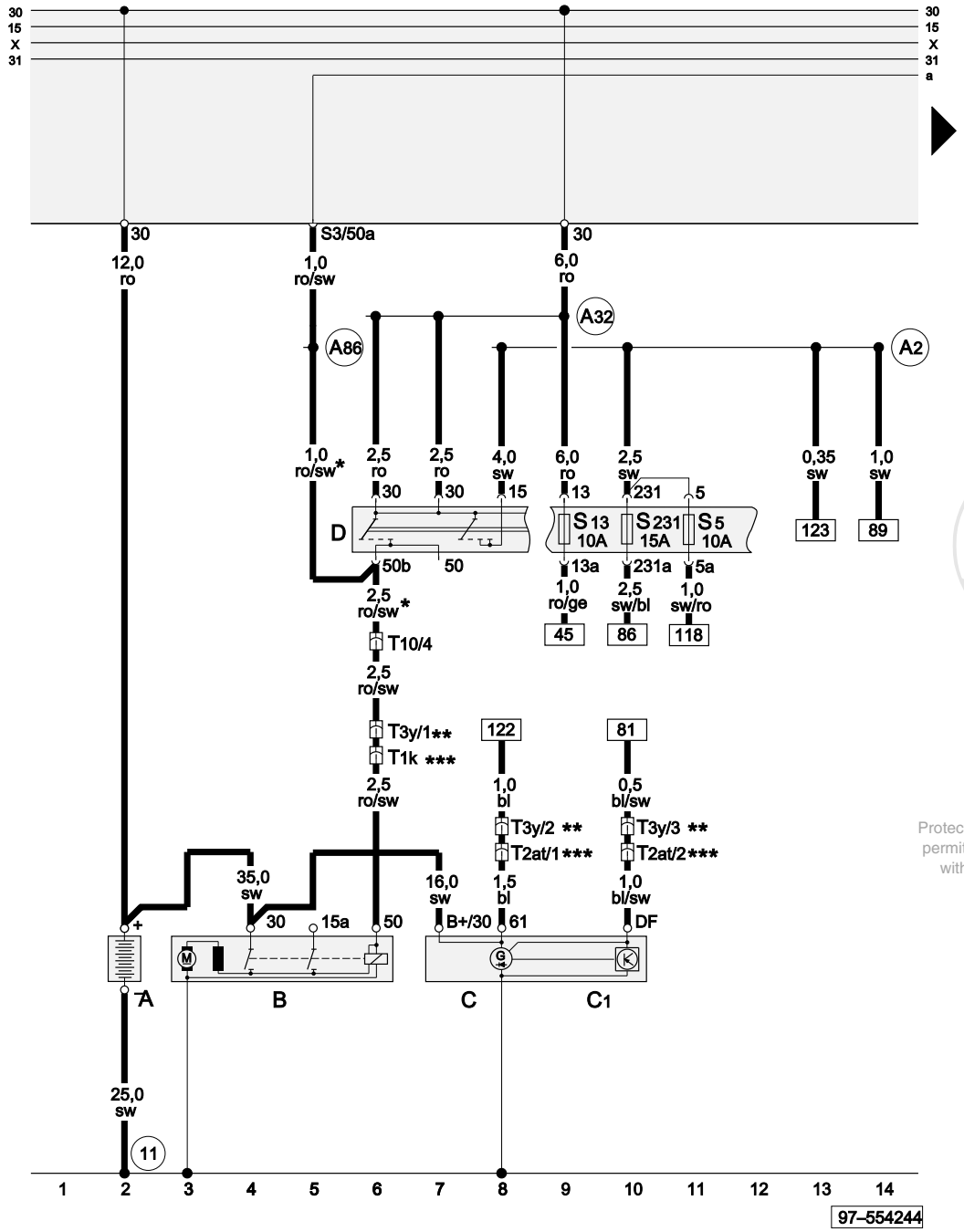
13-point relay carrier:



Position of relays:

- Fuel pump relay (Fit at any vacant relay point)

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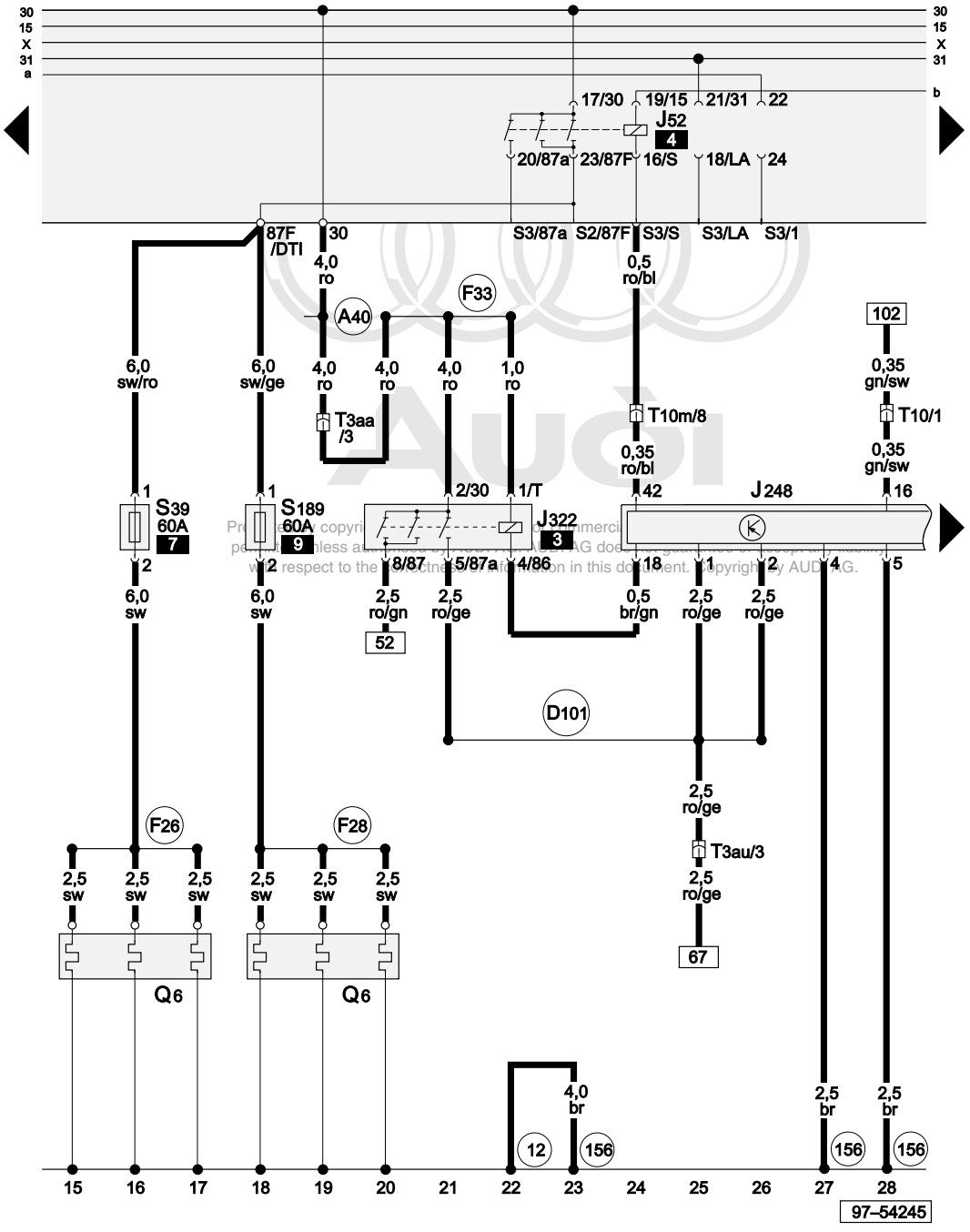


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S5	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S231	Fuse in fuse box
T1k	Single connector, black, in engine compartment, right
T2at	2-pin connector, black, in engine compartment, right
T3y	3-pin connector, black, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with manual gearbox
**	Applicable up to model year 2000
***	Applicable from model year 2001

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

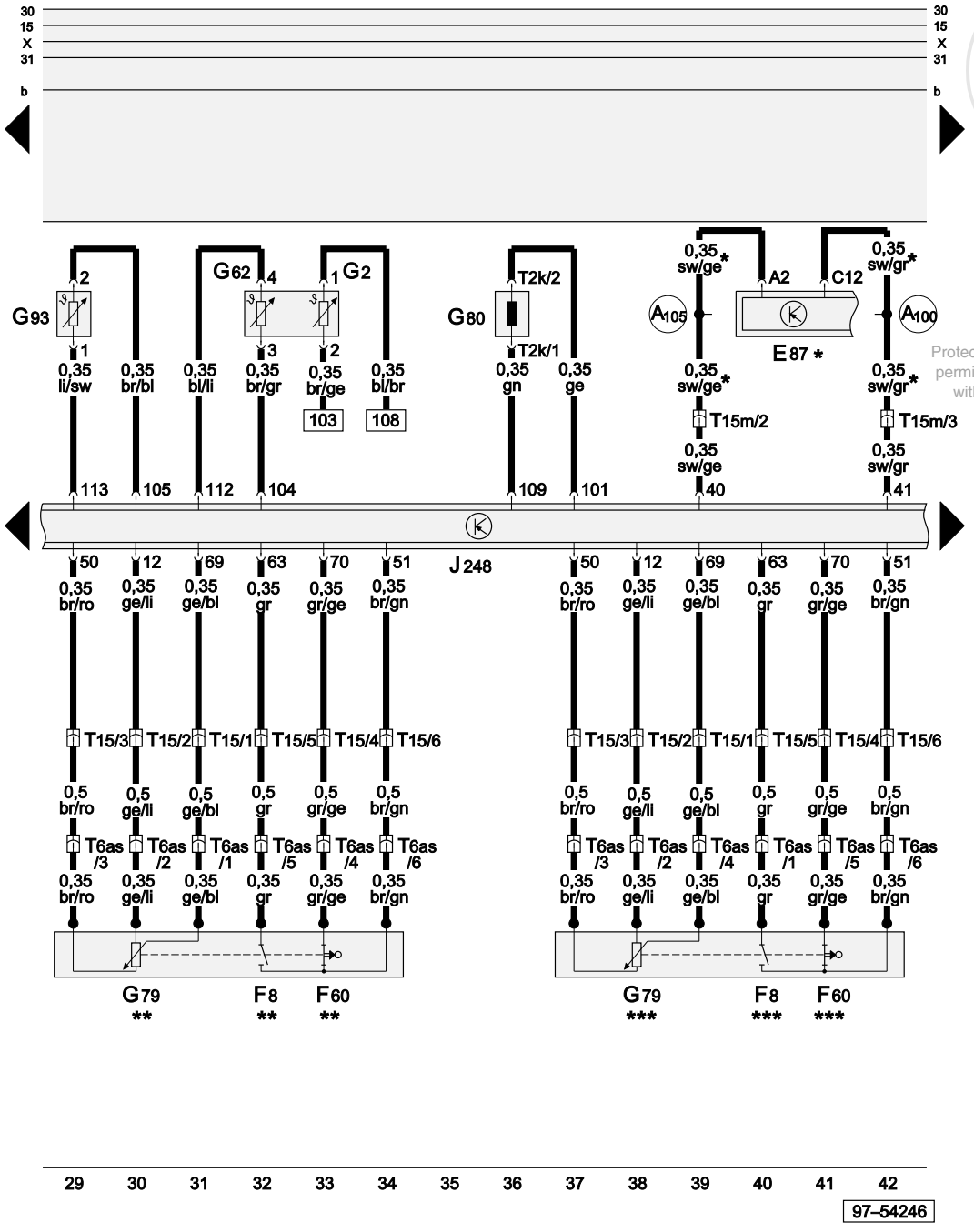


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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

J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
Q6	Glow plugs (engine)
S39	Strip fuse 1 for glow plugs (engine)
S189	Strip fuse 2 for glow plugs (engine)
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-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
12	Earth connection, in engine compartment, left
156	Earth connection, in diesel direct injection wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
F28	Connection -3-, in diesel direct injection system wiring harness
F33	Positive (+) connection (30), in diesel direct injection system wiring harness

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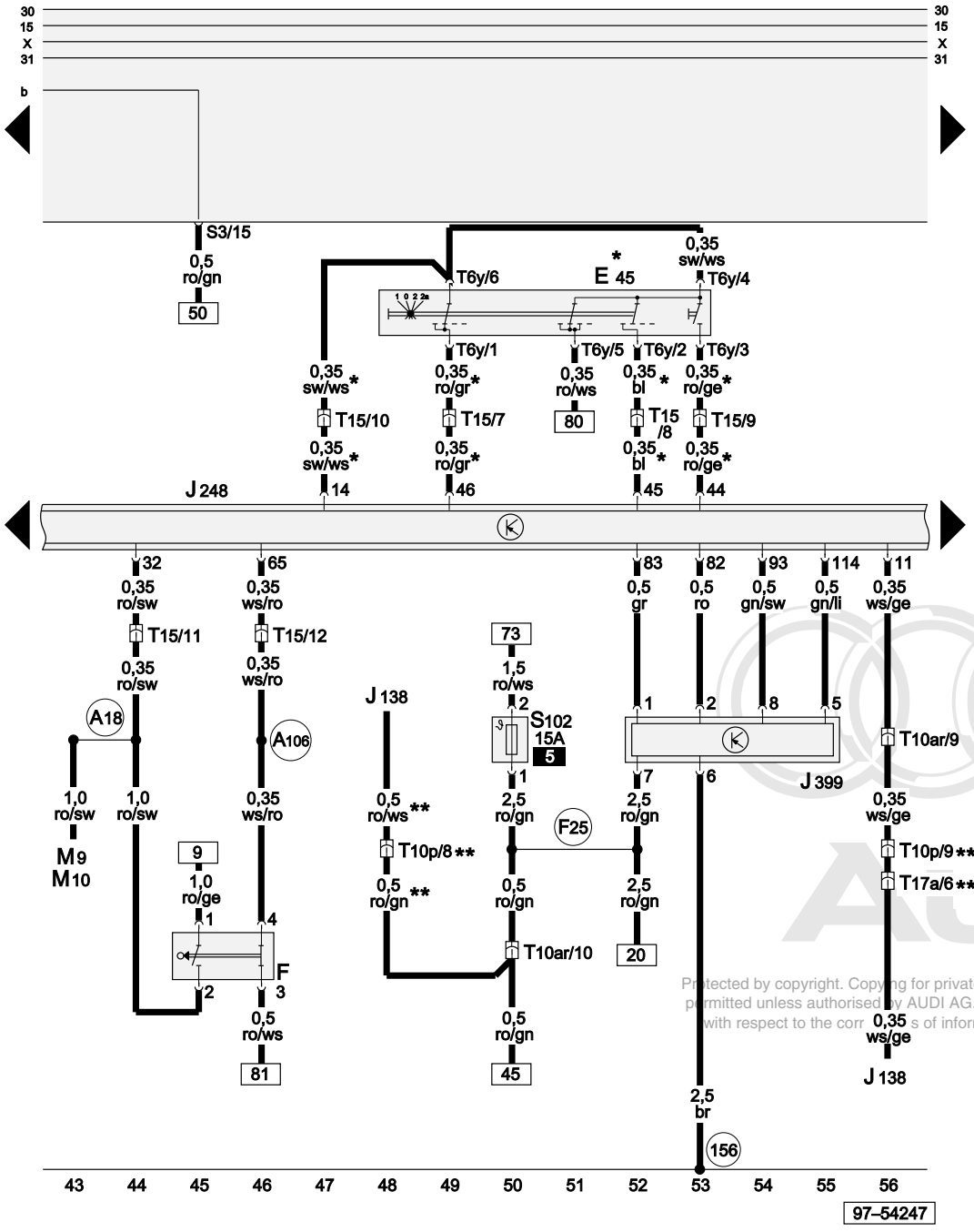


Diesel direct injection system control unit, accelerator pedal position sender, needle lift sender, coolant temperature senders

E87	Control and display unit for air conditioner/Climatronic
F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
G80	Needle lift sender
G93	Gearbox oil temperature sender
J248	Diesel direct injection system control unit
T2k	2-pin connector, brown, in engine compartment
T6as	6-pin connector, black, near accelerator pedal position sender
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
*	Only models with air conditioner
**	Applicable up to model year 2000
***	Applicable from model year 2001 (phased-in modification)

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rs	=	pink

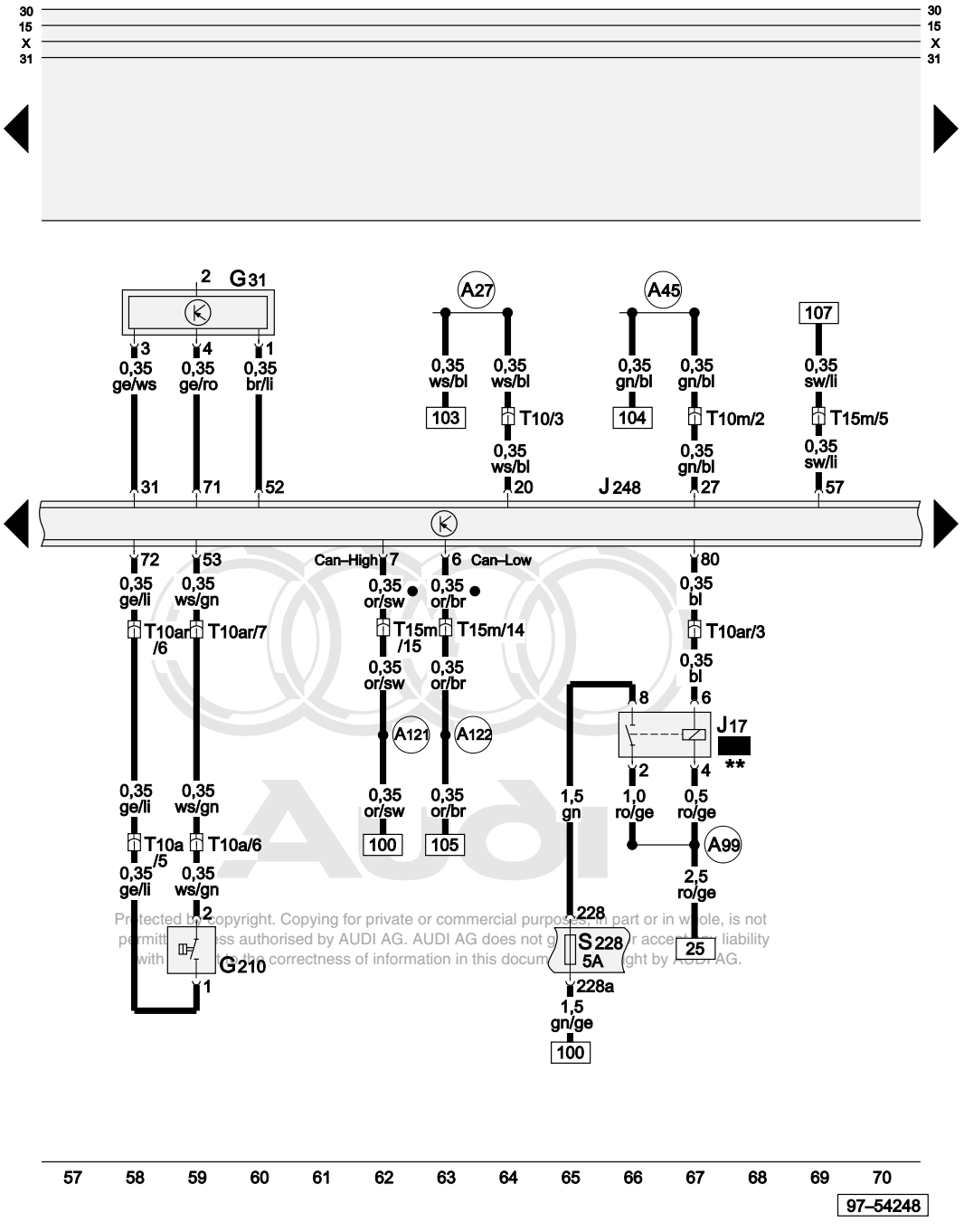


Diesel direct injection system control unit, brake light switch, cruise control system switch, injection pump control unit

E45	Cruise control system switch
F	Brake light switch
J138	Radiator fan run-on relay
J248	Diesel direct injection system control unit
J399	Injection pump control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
S102	Fuse for engine electrics
T6y	6-pin connector, in steering column
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
156	Earth connection, in diesel direct injection wiring harness
A18	Connection (54), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
F25	Connection -1-, in diesel direct injection system wiring harness
*	Only models with cruise control system
**	Applicable up to August 2000
***	Applicable from September 2000 onwards

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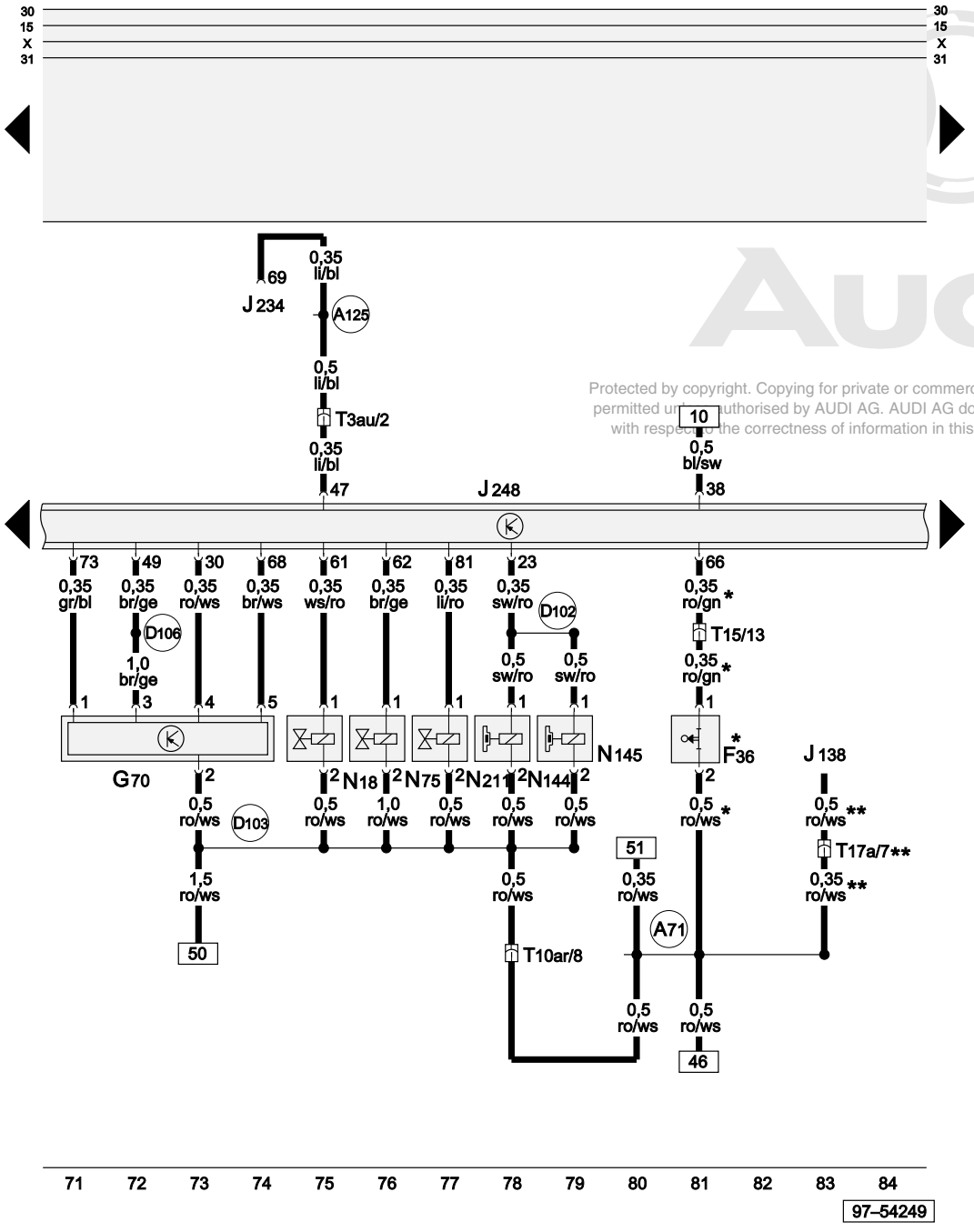


Diesel direct injection system control unit , low fuel level sender, fuel pump relay, charge air pressure sender

G31	Charge air pressure sender
G210	Low fuel level sender
J17	Fuel pump relay
J248	Diesel direct injection system control unit
S228	Fuse in fuse box
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
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A99	Connection -1- (87), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
**	Fit at any vacant relay point
•	CAN bus (data wires)

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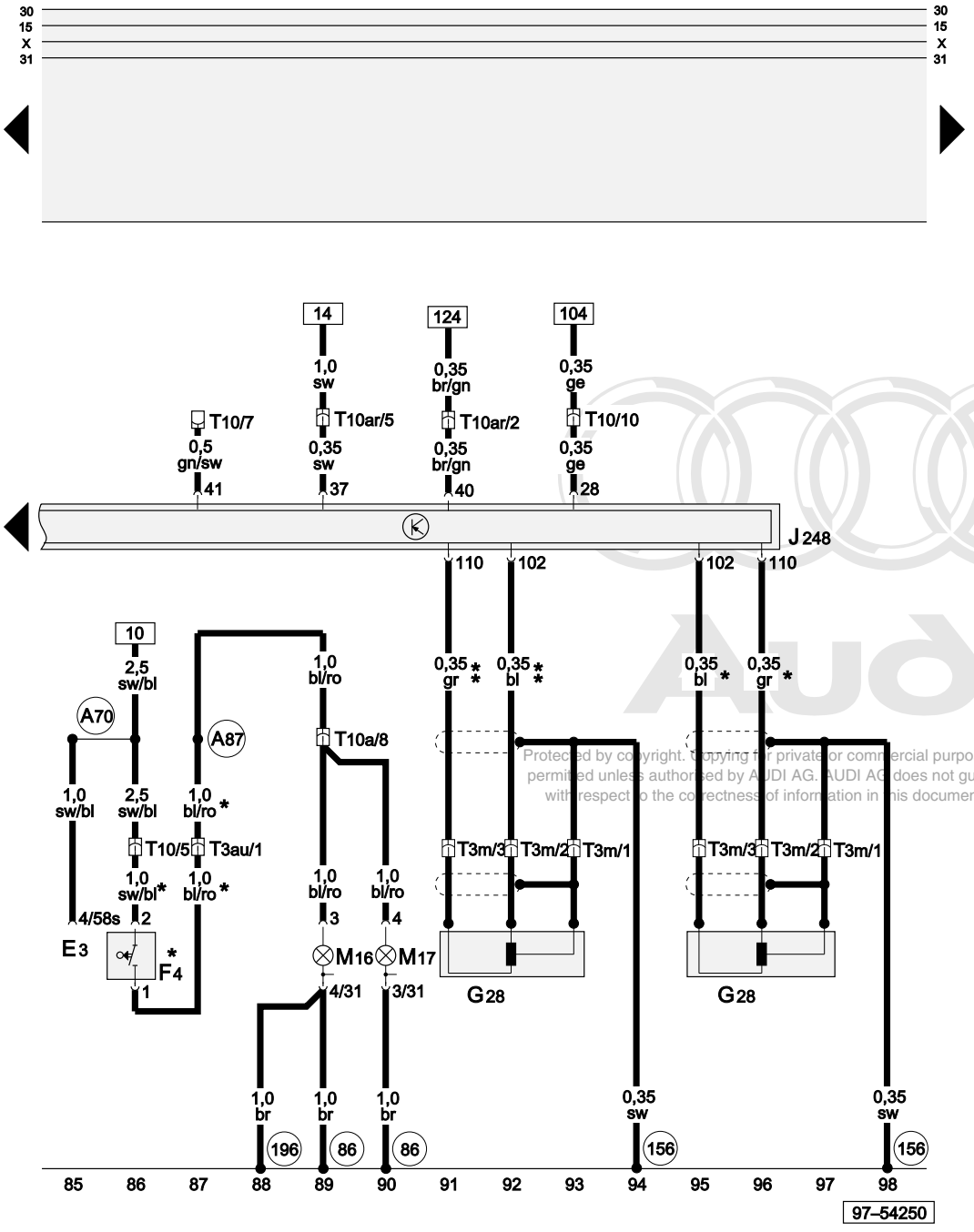


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gn = green
bl = blue
gr = grey
li = purple
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rs = pink

Diesel direct injection system control unit, air mass meter, clutch pedal switch, exhaust gas recirculation valve, charge pressure control solenoid valve

F36	Clutch pedal switch
G70	Air mass meter
J138	Radiator fan run-on control unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N144	Electro/hydraulic engine mounting solenoid valve, left
N145	Electro/hydraulic engine mounting solenoid valve, right
N211	Throttle butterfly valve
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
A71	Connection (86), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D102	Connection -2-, in engine compartment wiring harness
D103	Connection -3-, in engine compartment wiring harness
D106	Connection -4-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Applicable from September 2000 onwards

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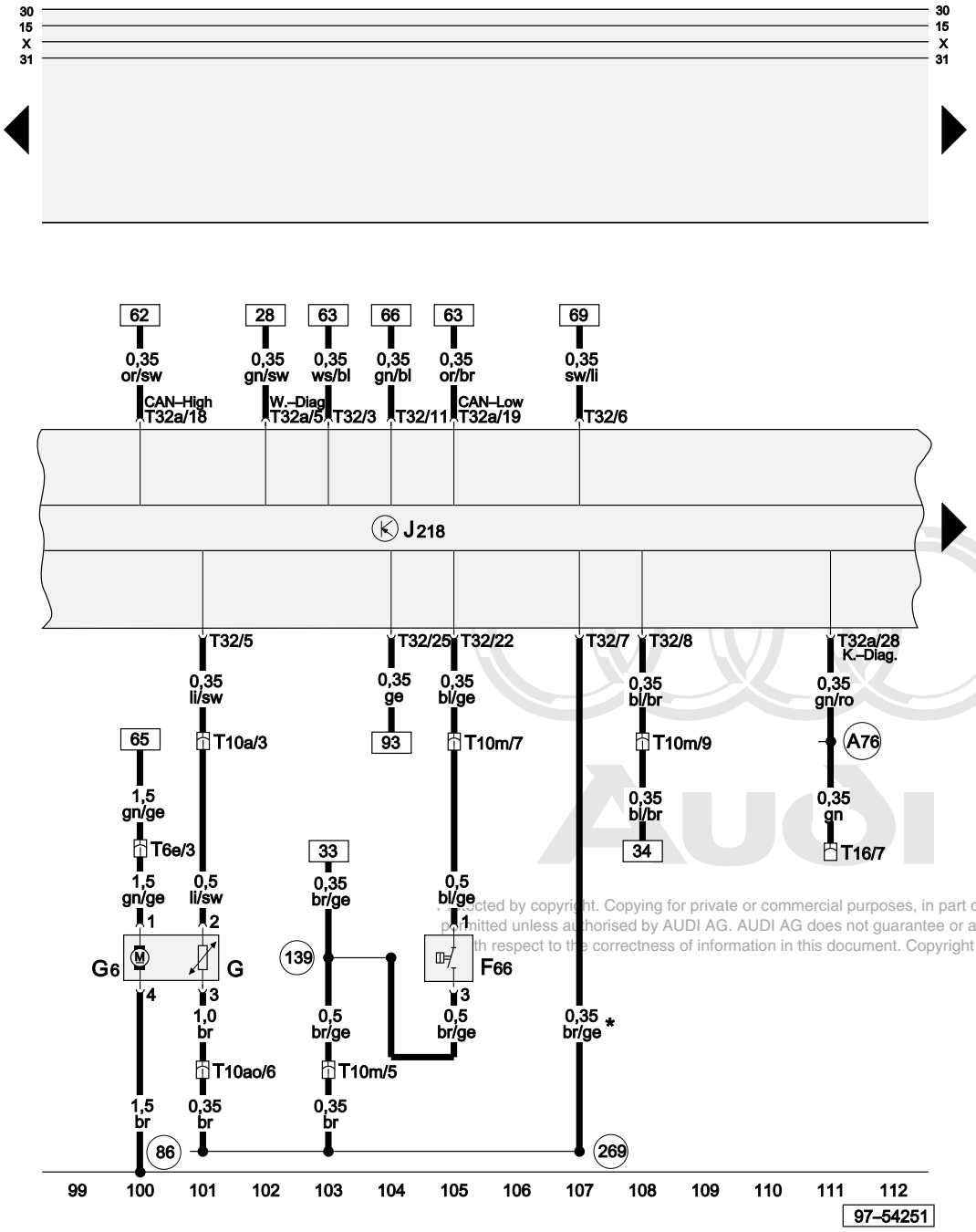


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Diesel direct injection system control unit, reversing light switch, engine speed sender

E3	Hazard warning light switch
F4	Reversing light switch
G28	Engine speed sender
J248	Diesel direct injection system control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3m	3-pin connector, grey, in engine compartment, left
T3au	3-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
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection wiring harness
196	Earth connection -3-, in rear wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
*	Only models with manual gearbox
**	Only models with automatic gearbox

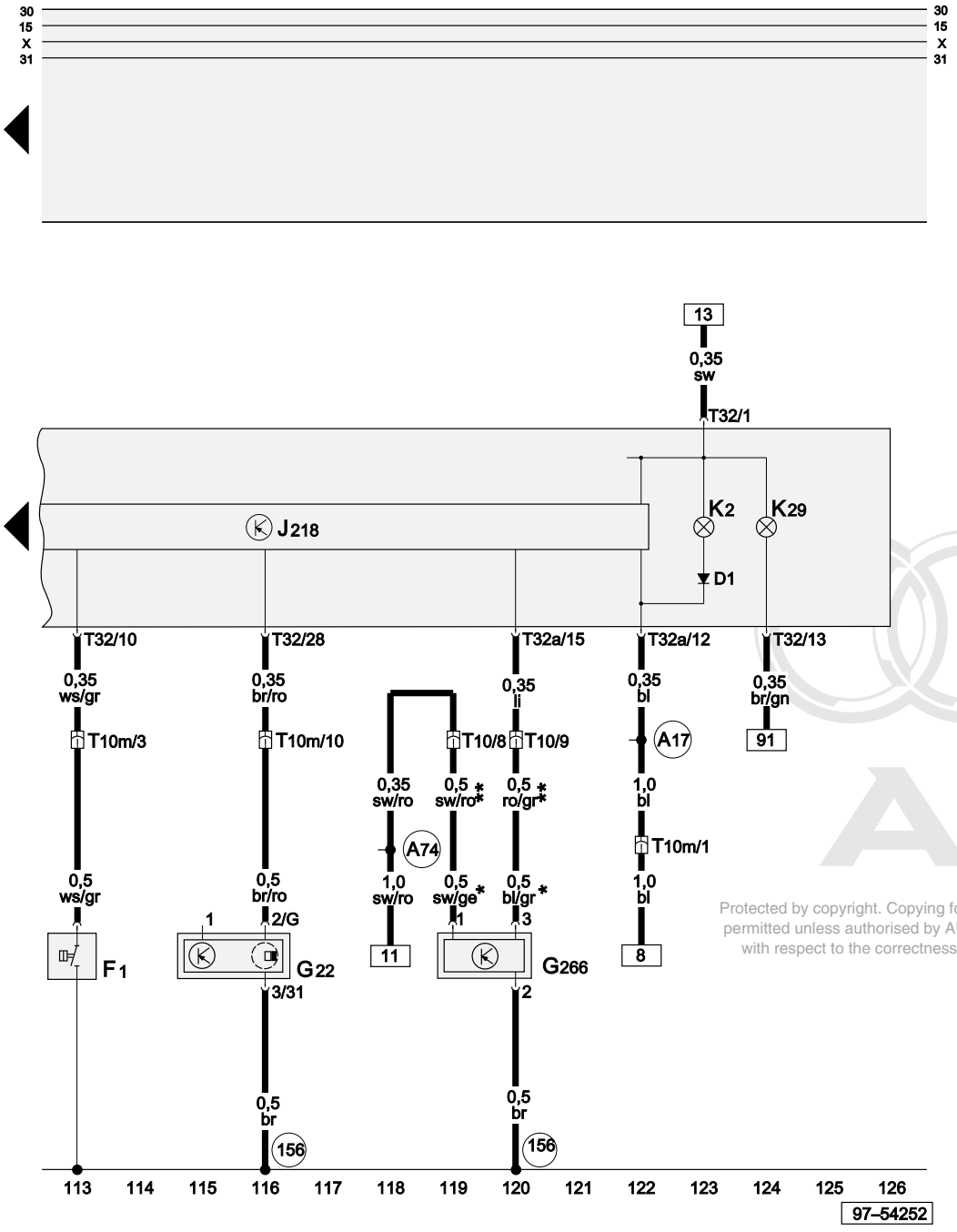


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Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth



Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K29	Glow period warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
(156)	Earth connection, in diesel direct injection wiring harness
(A17)	Connection (61), in dash panel wiring harness
(A74)	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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1.9 litre TDI, 55 kW, 4-cylinder, engine code AFF
From model year 2000

1.9 litre TDI, 66 kW, 4-cylinder, engine code AHU (1Z)/AHH
From model year 2000

1.9 litre TDI, 81 kW, 4-cylinder, engine code AFN/AVG
From model year 2000

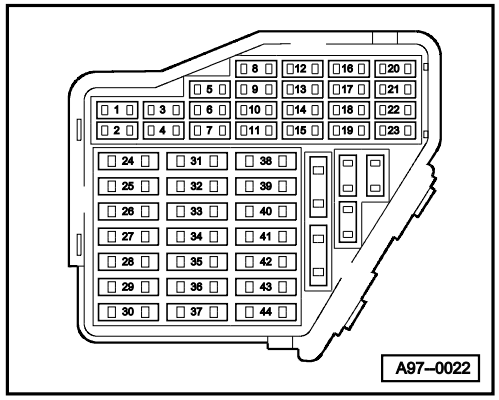
1.9 litre TDI, 81 kW, 4-cylinder, engine code AFN, From model year 2000
From model year 2000

1.9 litre TDI, 55 kW, 4-cylinder, engine code AFF, From model year 2000
From model year 2000

1.9 litre TDI, 66 kW, 4-cylinder, engine code (1Z), From model year 2000
From model year 2000

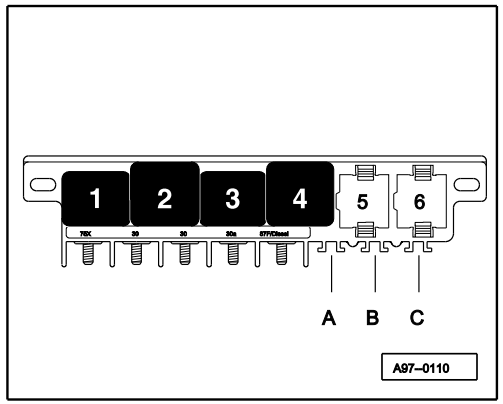
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Fuse box:



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

Micro-central electrics:



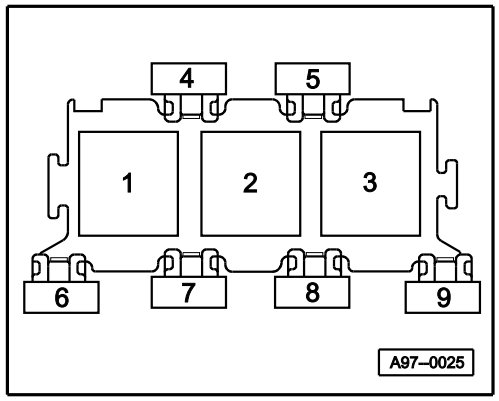
Position of relays:

4 - 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

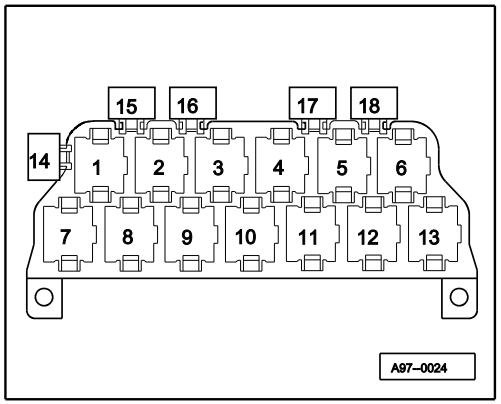
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2 - Relay II for coolant heater elements
3 - Diesel direct injection system relay

Position of fuses:

5 - Fuse for engine electrics
7 - Fuse I for coolant heater elements
8 - Fuse II for coolant heater elements
9 - Fuse for glow plugs - engine

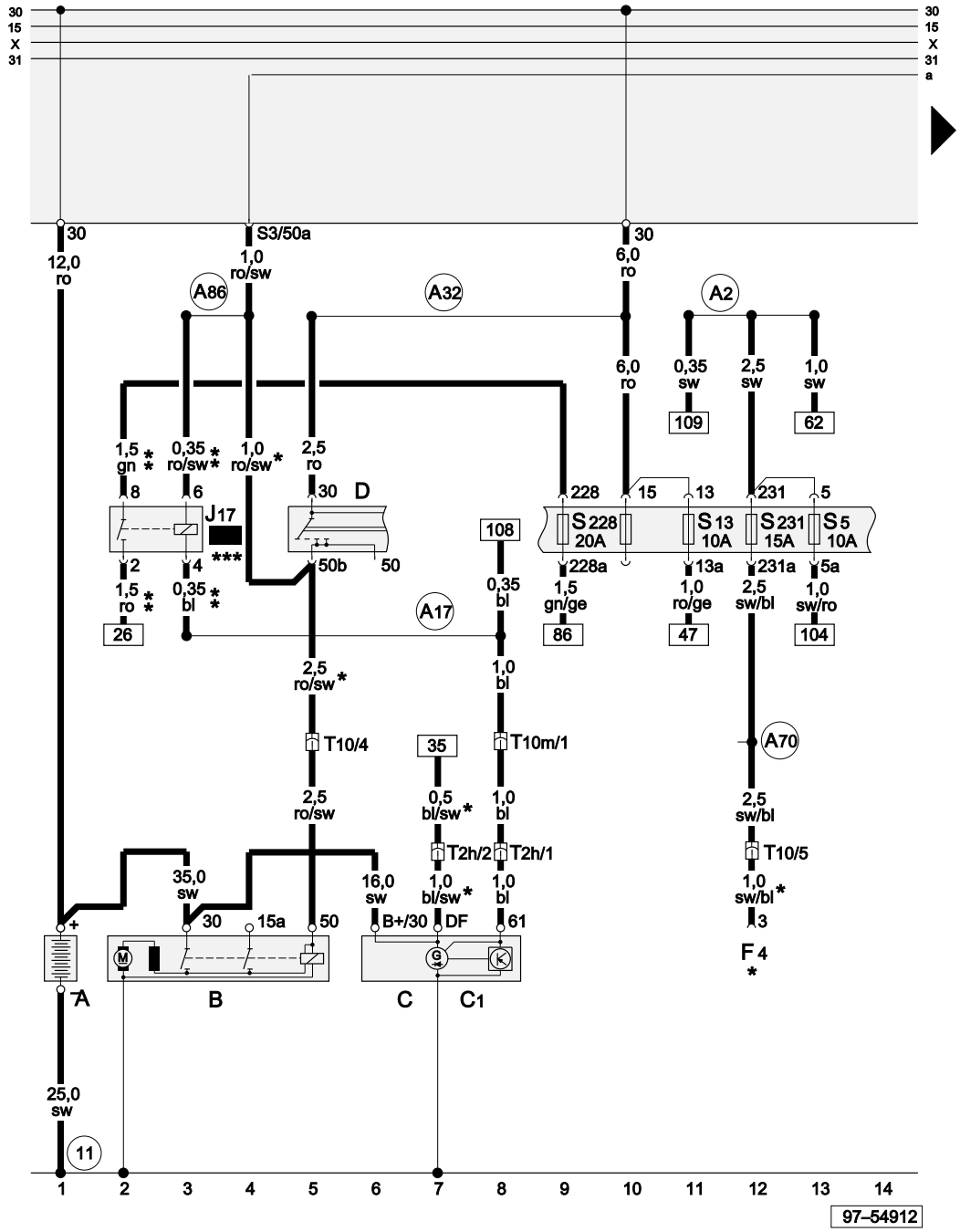
13-point relay carrier:



Position of relays:

- Fuel pump relay (fit at any vacant relay point)

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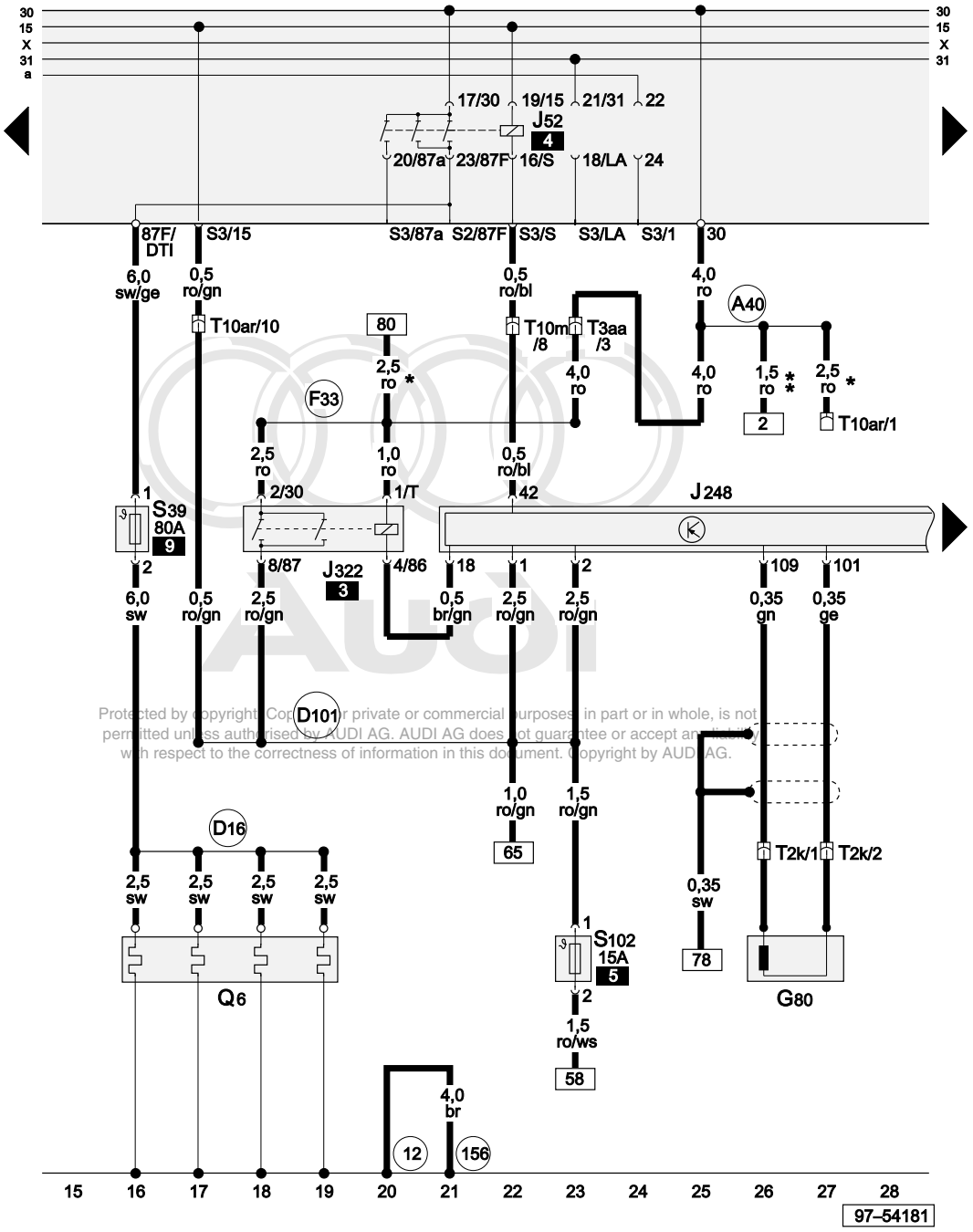


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
J17	Fuel pump relay
S5	Fuse in fuse box/relay plate
S13	Fuse in fuse box
S228	Fuse in fuse box
S231	Fuse in fuse box
T2h	2-pin connector, blue, in engine compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A17	Connection (61), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
*	Only models with manual gearbox
**	Only models with four-wheel drive
***	Fit at any vacant relay point

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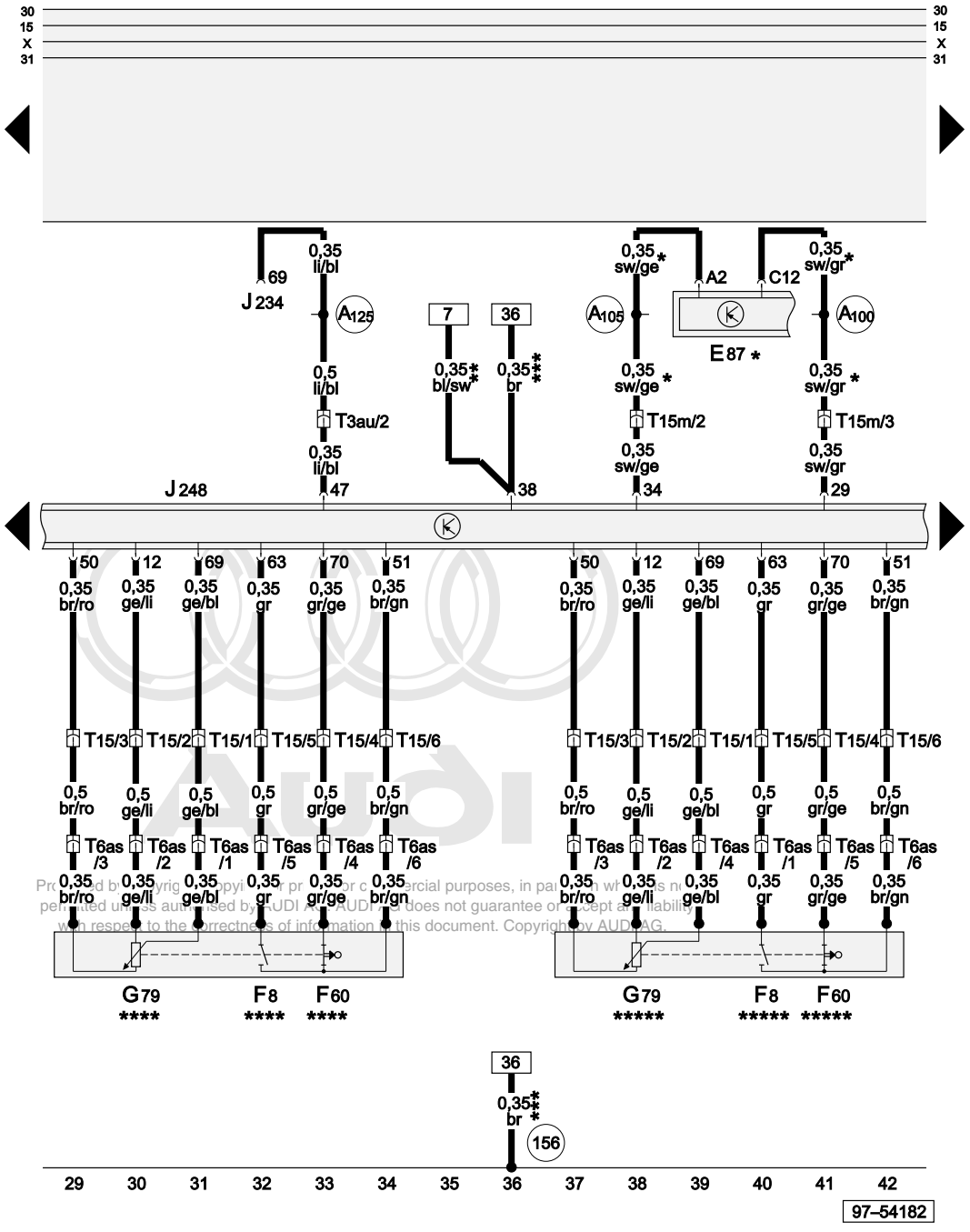


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ge = yellow
or = orange
rs = pink

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
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
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
12	Earth connection, in engine compartment, left
156	Earth connection, in diesel direct injection 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
F33	Positive (+) connection (30), in diesel direct injection system wiring harness
*	Only models with manual gearbox
**	Only models with four-wheel drive

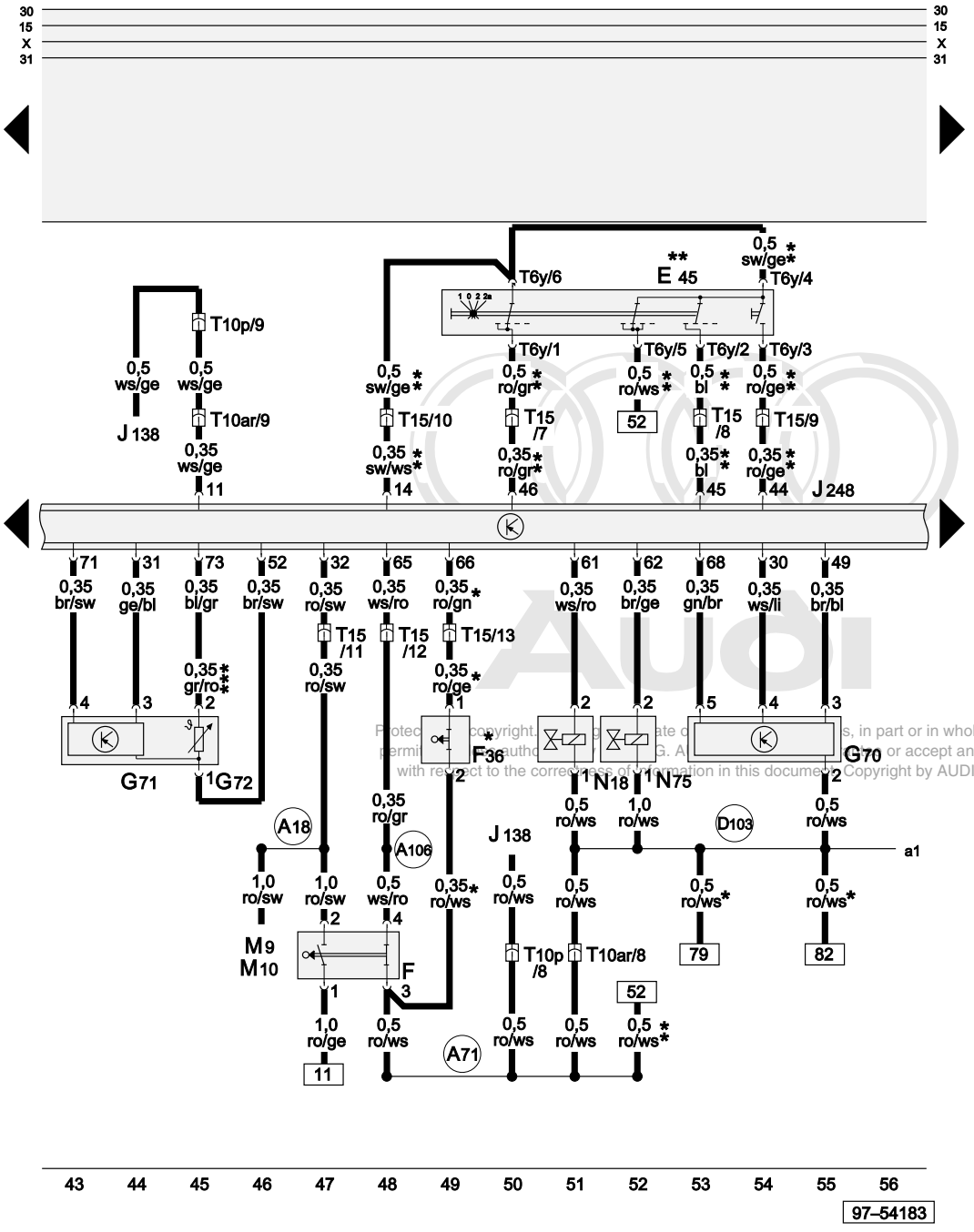


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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, accelerator pedal position sender

E87	Control and display unit for air conditioner
F8	Kick-down switch
F60	Idling switch
G79	Accelerator pedal position sender
J234	Airbag control unit
J248	Diesel direct injection system control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T6as	6-pin connector, black, in engine compartment, rear
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only models with air conditioner
**	Only models with manual gearbox
***	Only models with automatic gearbox
****	Applicable up to model year 2000
*****	Applicable from model year 2001 (phased-in modification)

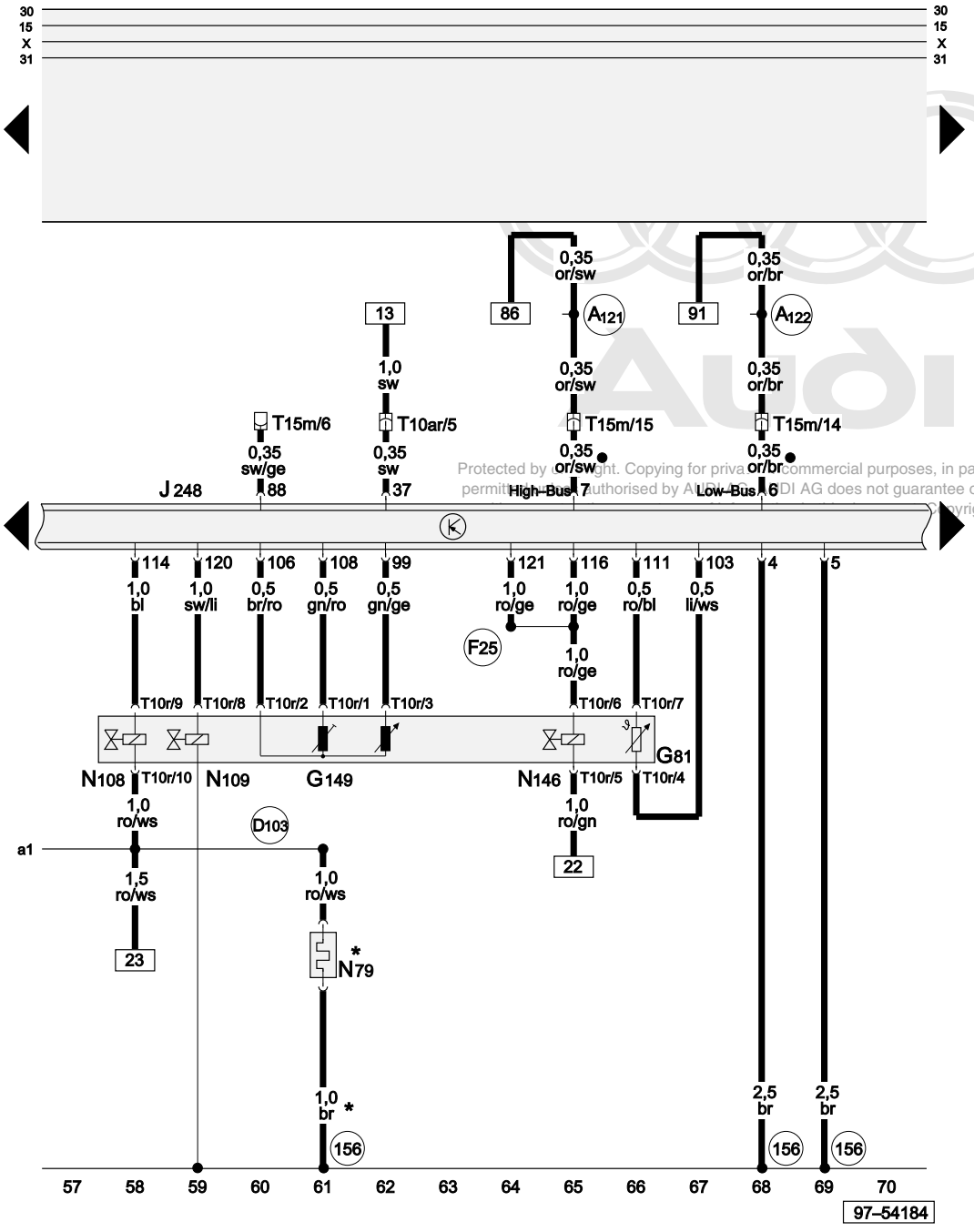


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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

E45	Cruise control system switch
F	Brake light switch
F36	Clutch pedal switch
G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J138	Radiator fan run-on control unit
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
T6y	6-pin connector, in steering column
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
A18	Connection (54), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only models with manual gearbox
**	Only models with cruise control system
***	From June 1999 onwards

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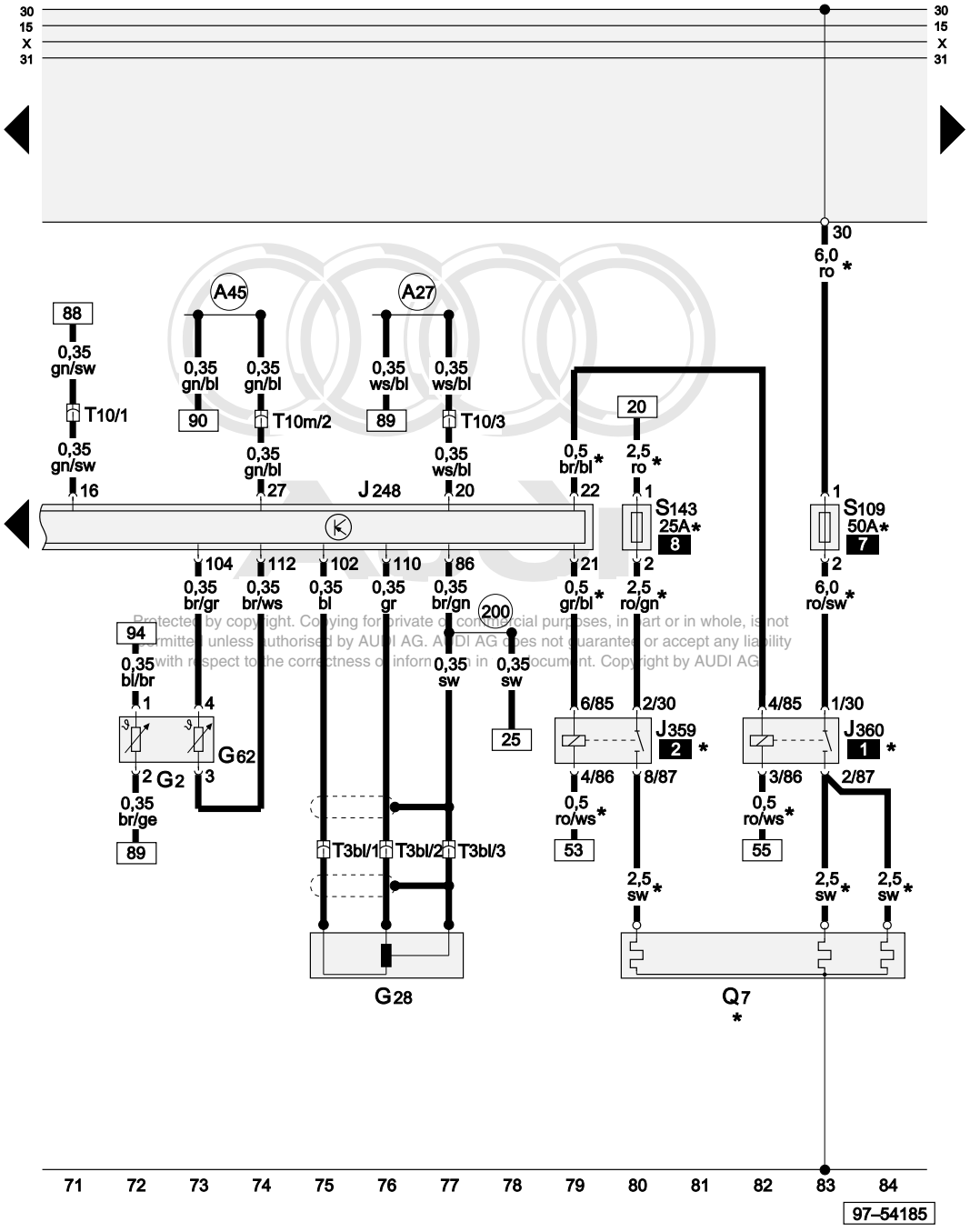


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, injection pump

G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit
N79	Heater element (crankcase)
N108	Commencement of injection valve
N109	Fuel shut-off valve
N146	Metering adjuster
T10r	10-pin connector, black, in engine compartment
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
156	Earth connection, in diesel direct injection wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
F25	Connection -1-, in diesel direct injection system wiring harness
*	Only models with heater elements (manual gearbox) and export versions (northern countries)
•	Data bus wire (CAN bus)

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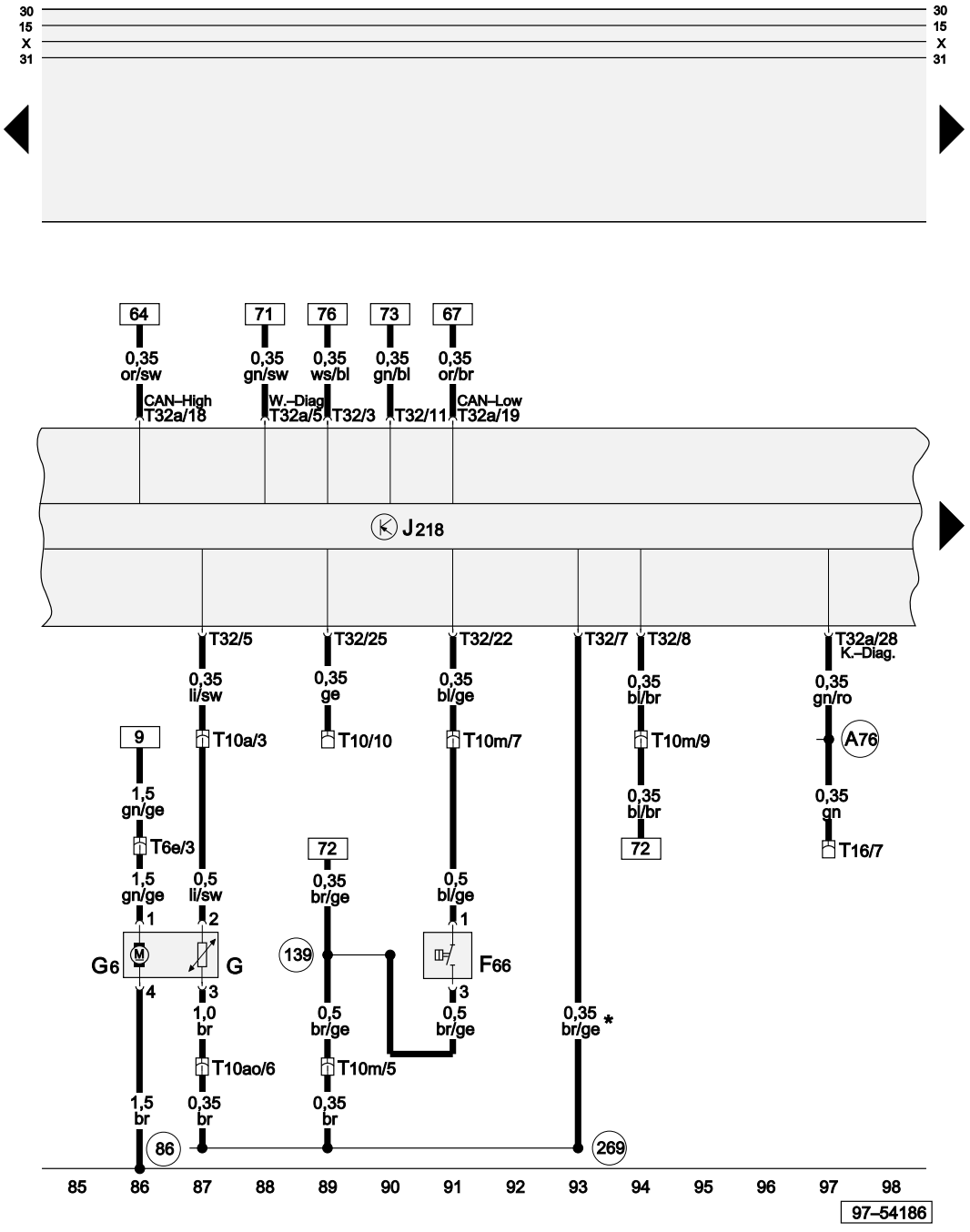


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, engine speed sender, coolant temperature senders, relay for coolant heater elements, coolant heater 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 elements fuse
S143	Coolant heater elements fuse 2
T3bl	3-pin connector, black, 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
200	Earth connection (screening), in engine compartment wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with manual gearbox

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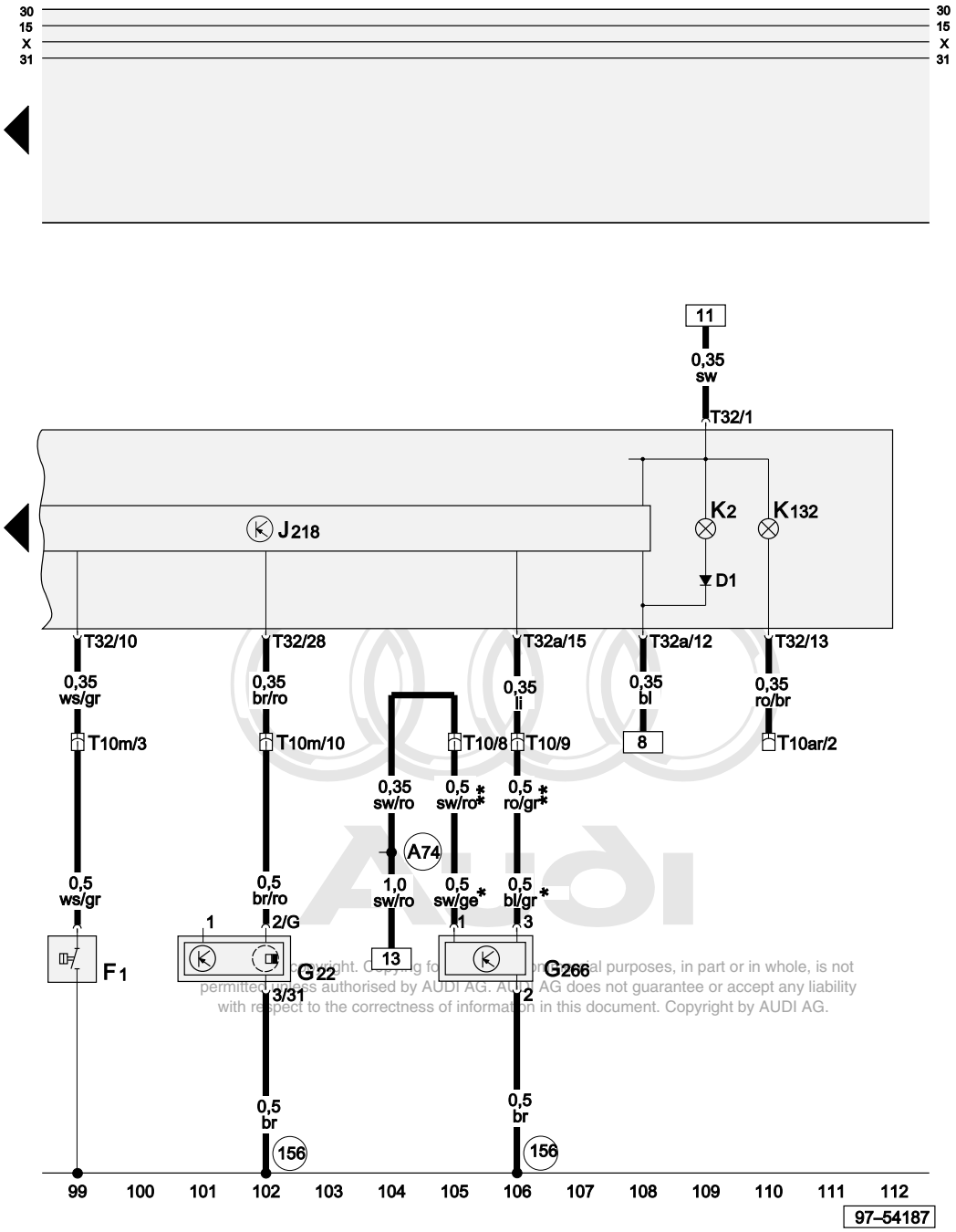


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
J218	Combi-processor in dash panel insert
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
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth

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Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
156	Earth connection, in diesel direct injection wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

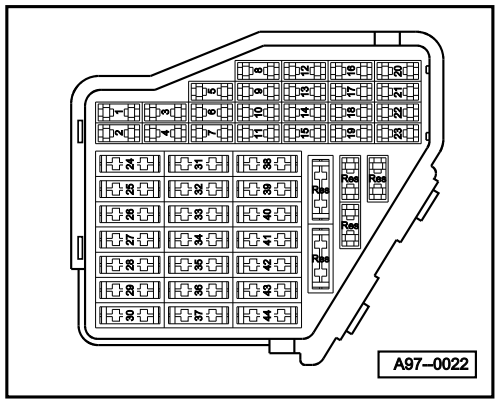
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Audi A4 (1,6 l litre fuel injection engine, 74 kW, Simos, 4-cylinder) engine codes ANA

From model year 2000

Fuse box:

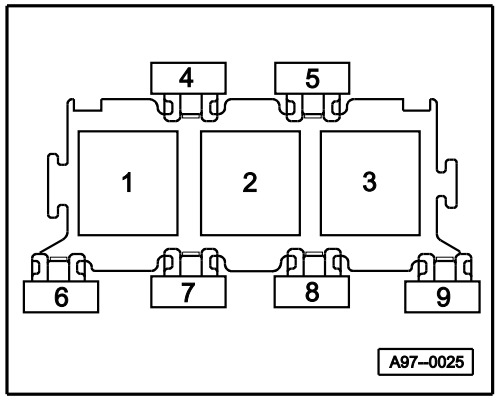


Fuse colours:

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
5 A – 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 (electronics box):



Position of relays:

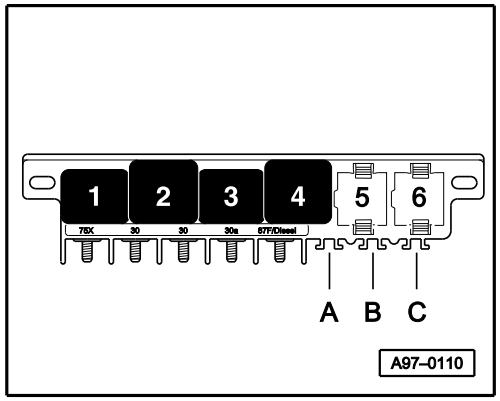
2 - Secondary air pump relay

3 - Current supply relay

Position of fuses:

7 - Secondary air pump fuse

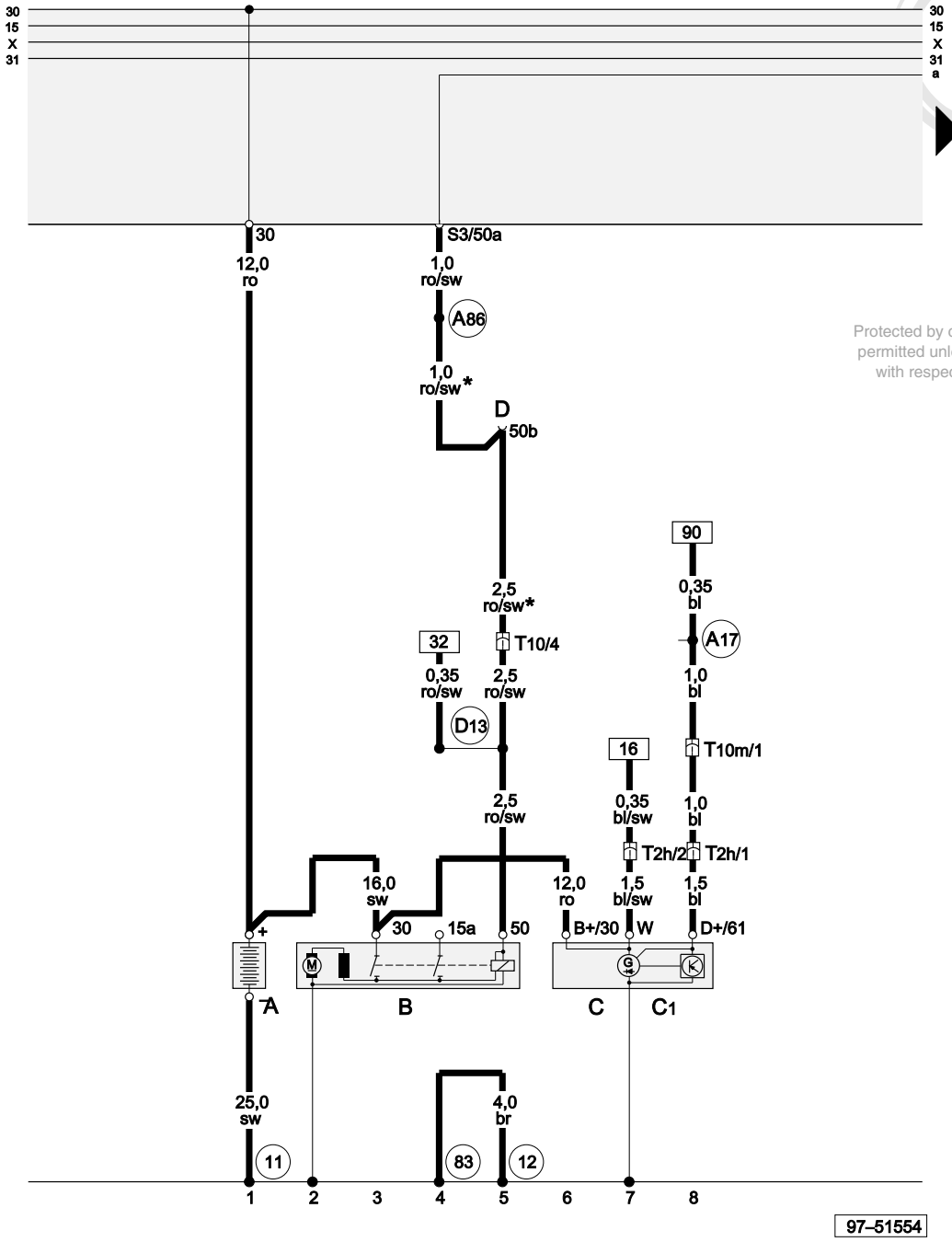
Micro-central electrics:



Position of relays:

4 - Fuel pump relay

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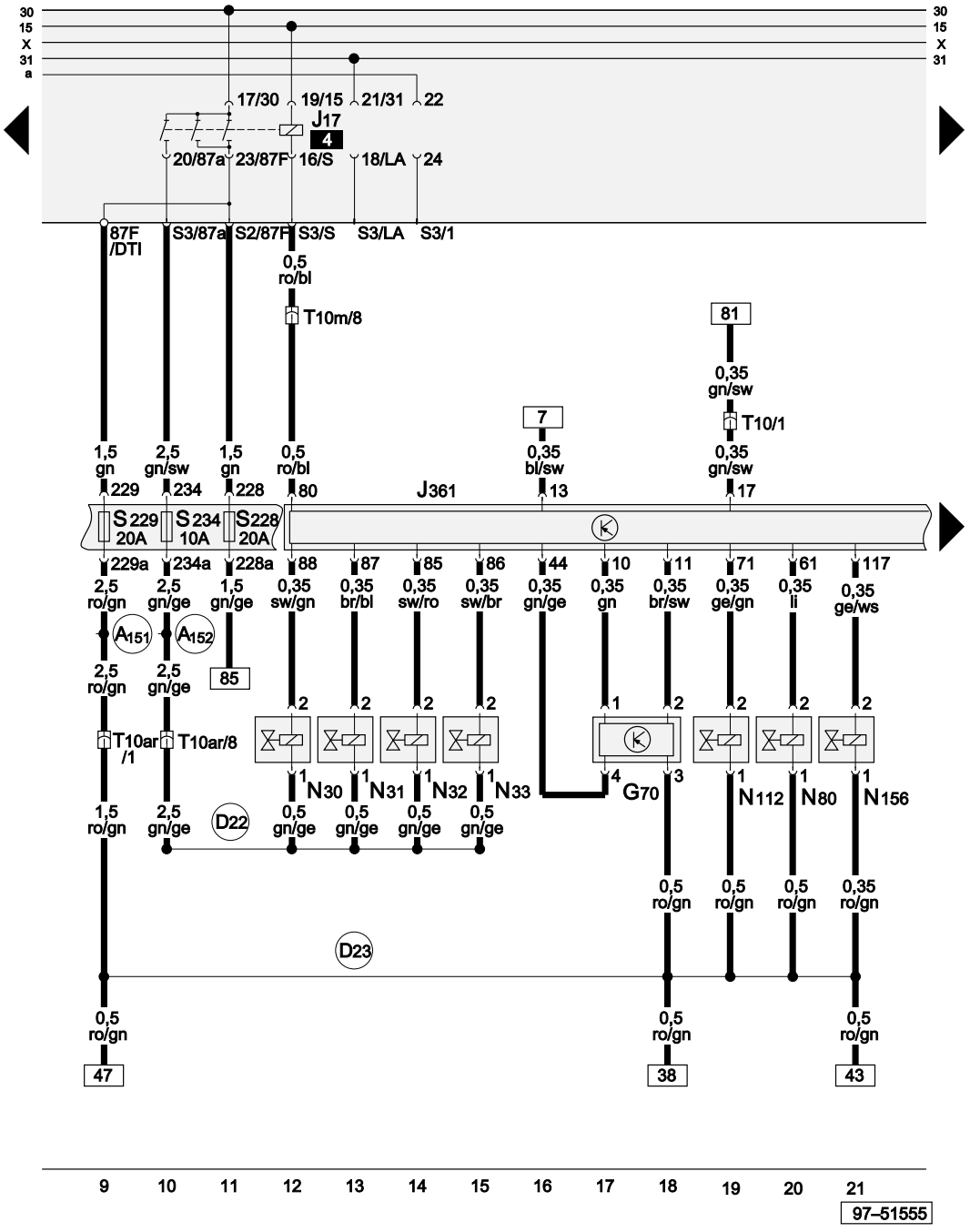


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, blue, in engine compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
11	Earth point, in battery box
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A86	Positive (+) connection (50a), in dash panel wiring harness
D13	Connection (50), in front right wiring harness
*	Only 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

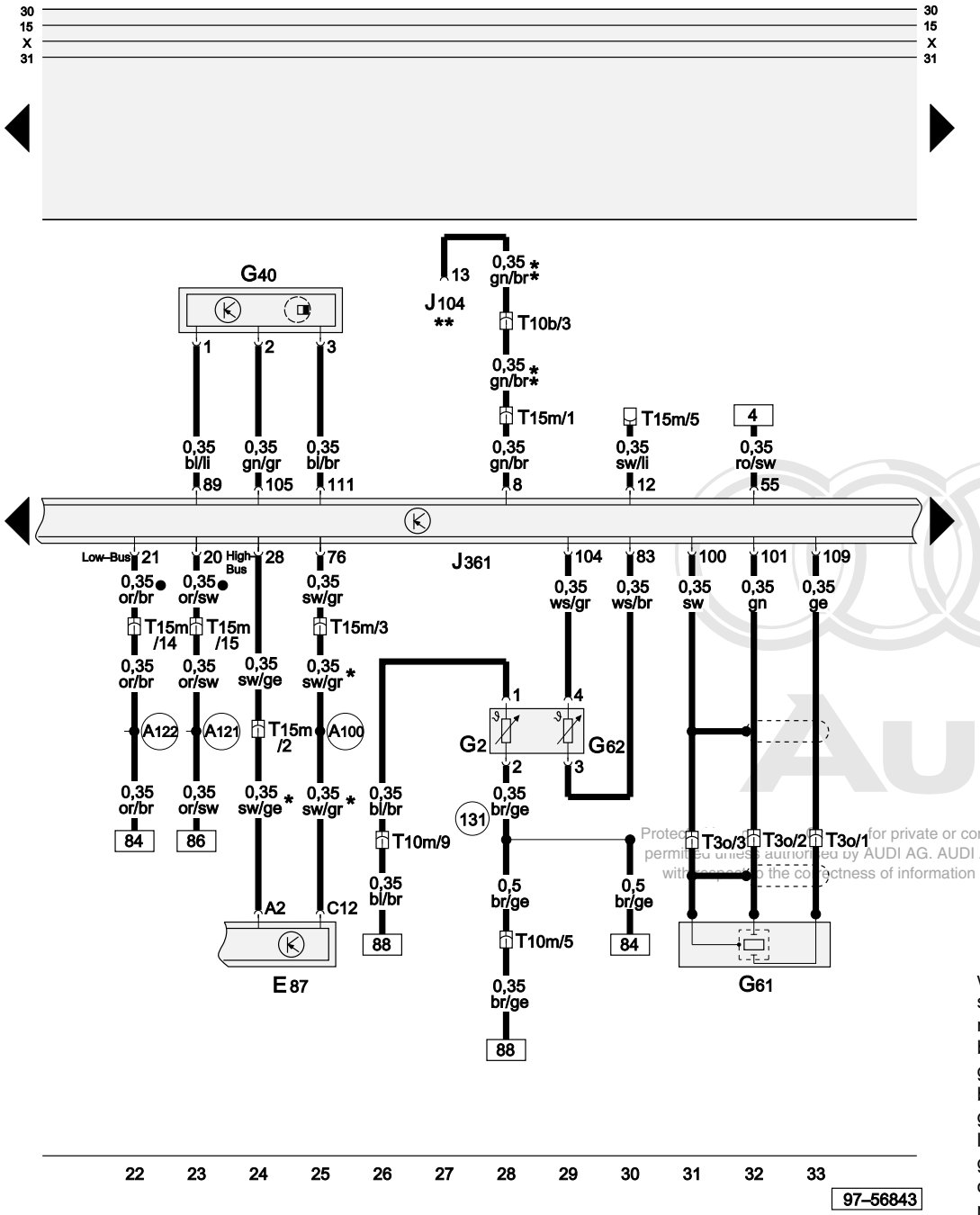


Simos control unit, fuel pump relay, air mass meter, injectors

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A151	Connection -4- (87), in dash panel wiring harness
A152	Connection -5- (87), in dash panel 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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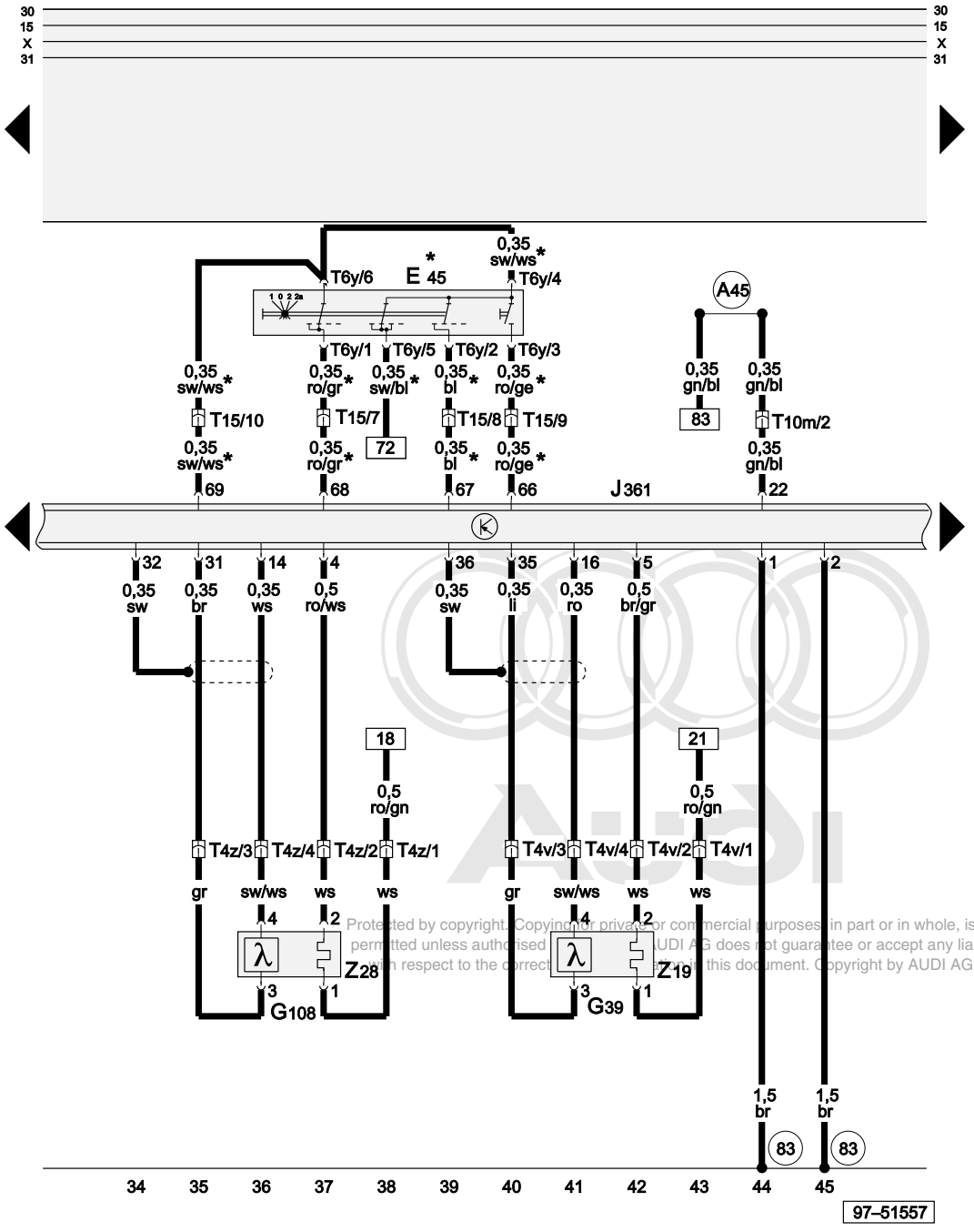


Simos control unit, knock sensor, coolant temperature senders, Hall sender

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
J104	ABS with EDL control unit
J361	Simos control unit
T3o	3-pin connector, green, in engine compartment, left
T10b	10-pin connector, orange, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
131	Earth connection -2-, in engine compartment wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with air conditioner
**	Only applies to ABS with EDL
•	Data bus wire (CAN bus)

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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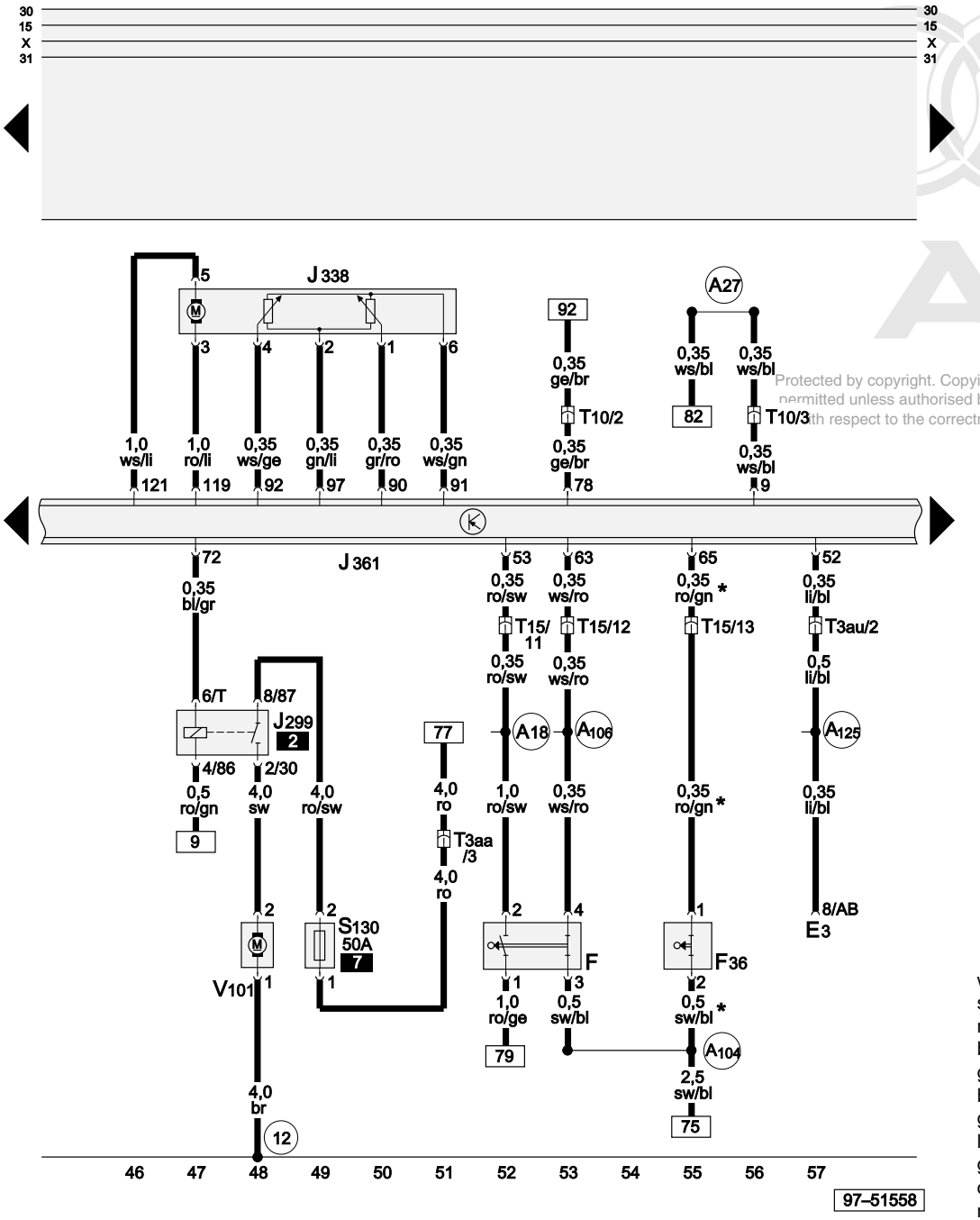


Simos control unit, cruise control system switch (CCS), lambda probes

E45	Cruise control system switch
G39	Lambda probe I
G108	Lambda probe II
J361	Simos control unit
T4v	4-pin connector, brown, in engine compartment, left
T4z	4-pin connector, black, in engine compartment, left
T6y	6-pin connector, black, next to steering column left
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, 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
(A45)	Connection (engine speed signal), in dash panel wiring harness
*	Only 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

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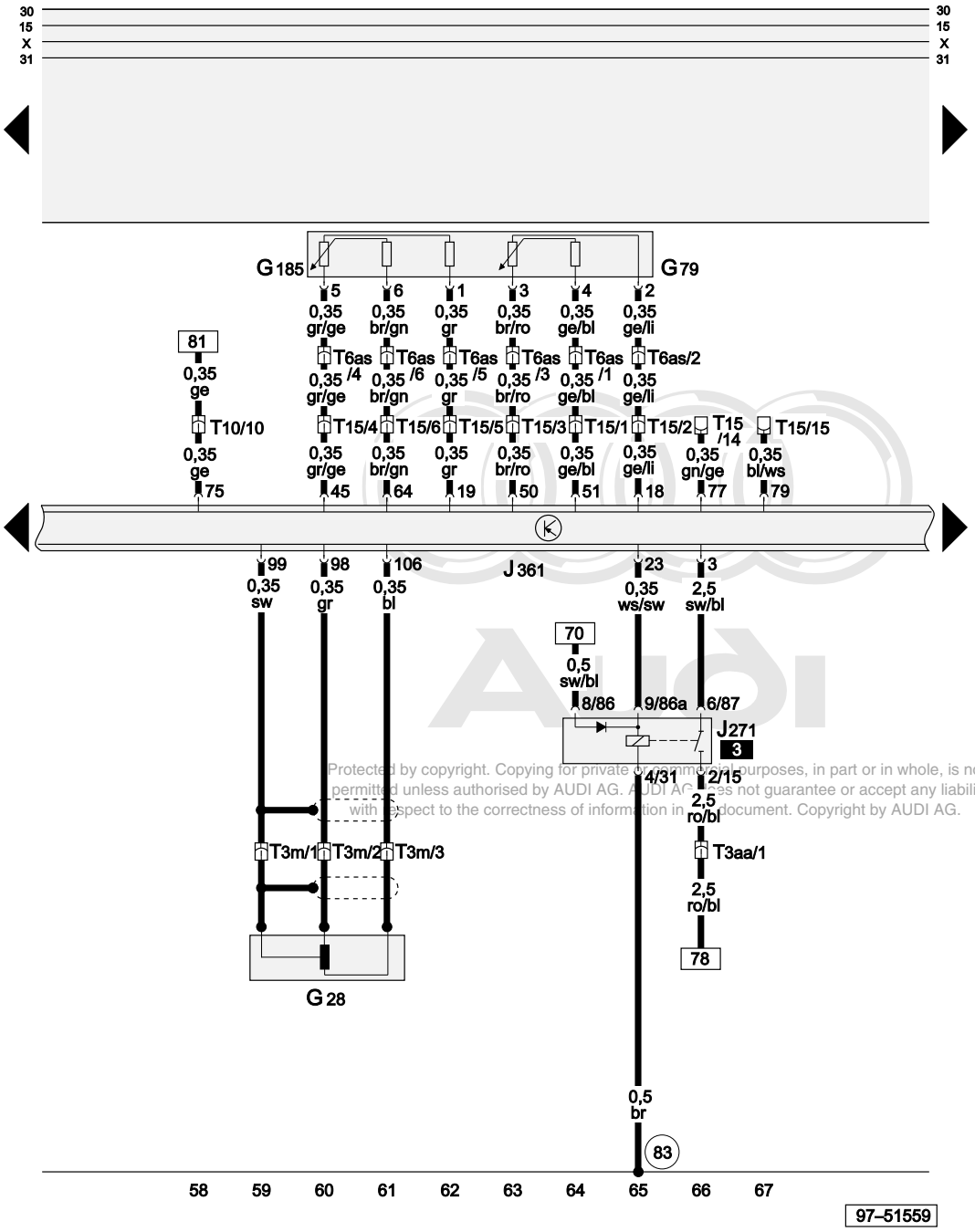


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Simos control unit, brake light switch, clutch pedal switch, secondary air pump, throttle valve control unit

E3	Hazard warning light switch
F	Brake light switch
F36	Clutch pedal switch
J299	Secondary air pump relay
J338	Throttle valve control unit
J361	Simos control unit
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
12	Earth point, in engine compartment, left
A18	Connection (54), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only models with manual gearbox

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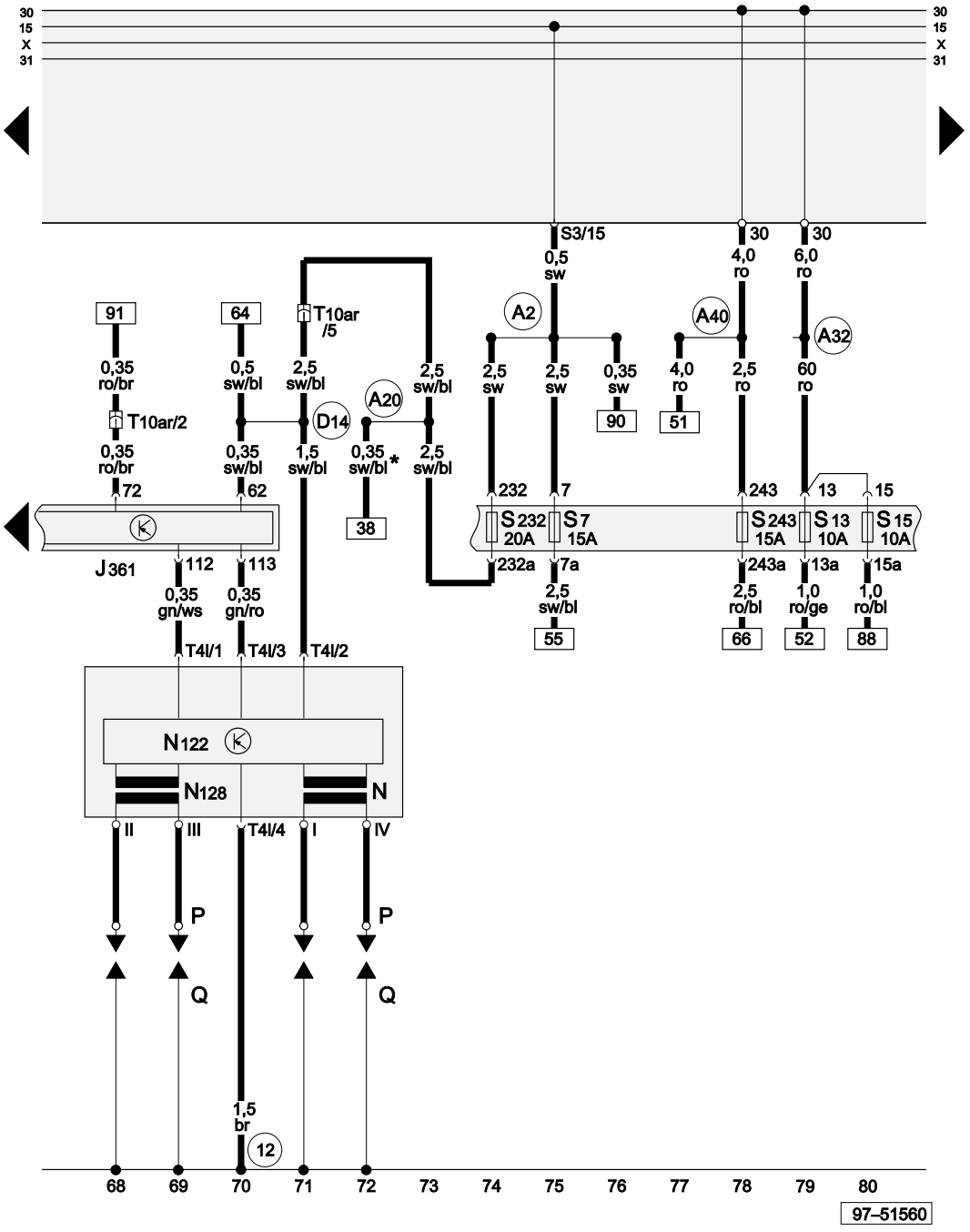


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Simos control unit, accelerator pedal position sender, current supply relay, engine speed sender

G28	Engine speed sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J271	Current supply relay
J361	Simos control unit
T3m	3-pin connector, grey, in engine compartment, left
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T6as	6-pin connector, black, in engine compartment, rear
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front 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

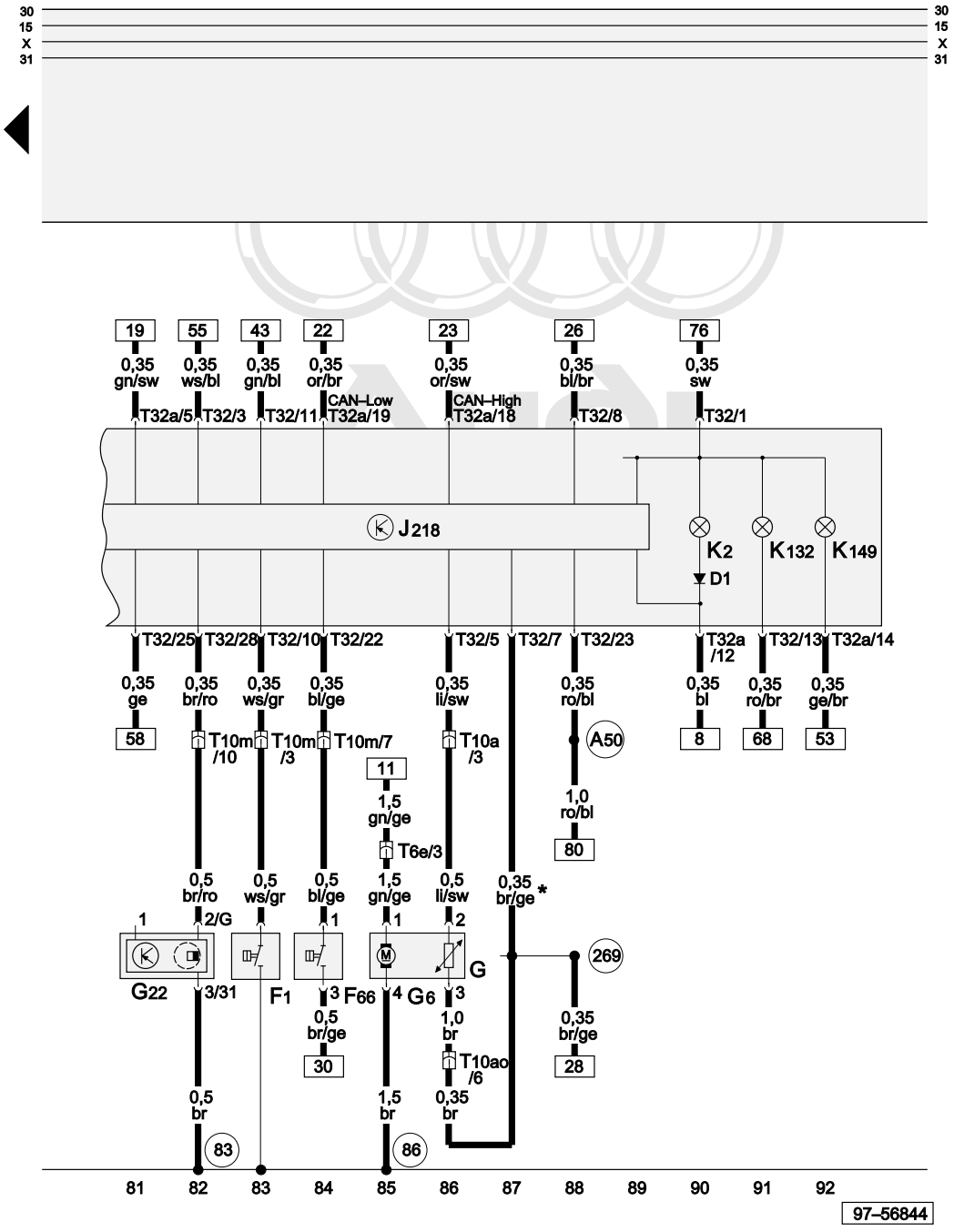


Simos control unit, ignition system, fuse box

J361	Simos control unit
N	Ignition coil
N122	Final output stage 1
N128	Ignition coil 2
P	Spark plug connector
Q	Spark plugs
S7	Fuse in fuse box
S13	Fuse in fuse box
S15	Fuse in fuse box
S232	Fuse in fuse box
S243	Fuse in fuse box
T4l	4-pin connector, black, on ignition coil
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
12	Earth point, in engine compartment, left
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness
*	Only 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

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gr = grey
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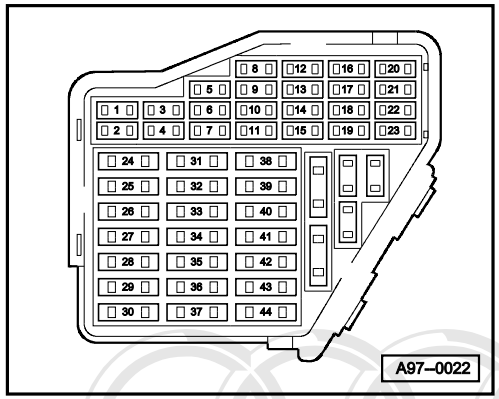
Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G22	Speedometer sender (Hall sender, on gearbox)
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics 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
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
86	Earth connection -1-, in rear wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A50	Positive (+) connection (30as), in dash panel wiring harness
*	Output for signal earth

Driver information system

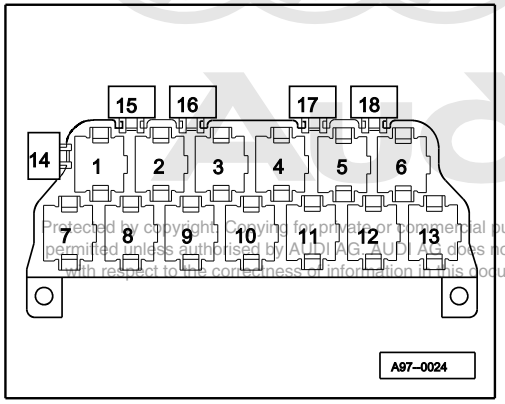
From model year 2000

Fuse box:



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:



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Position of relays:

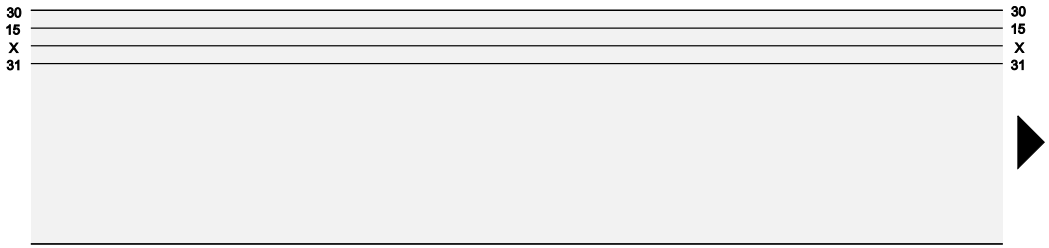
4 - Bulb monitoring device (J124)
5 - Bulb monitoring device (J124)

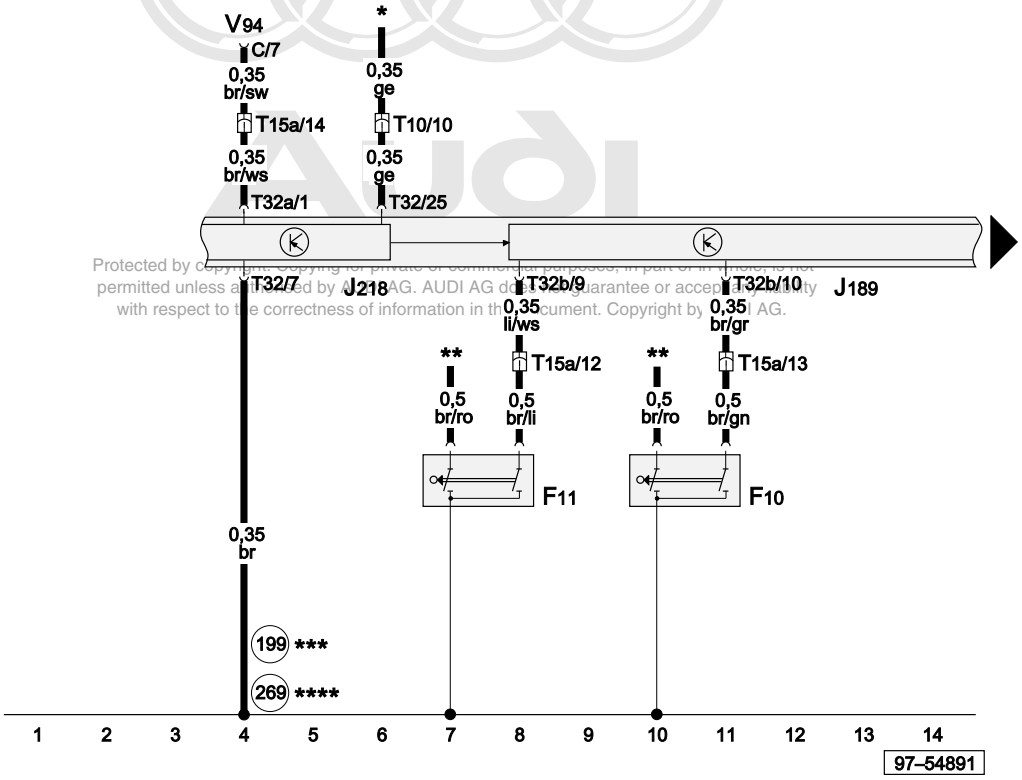
Fuse colours:

30 A - green
25 A - white

20 A - yellow
15 A - blue
10 A - red

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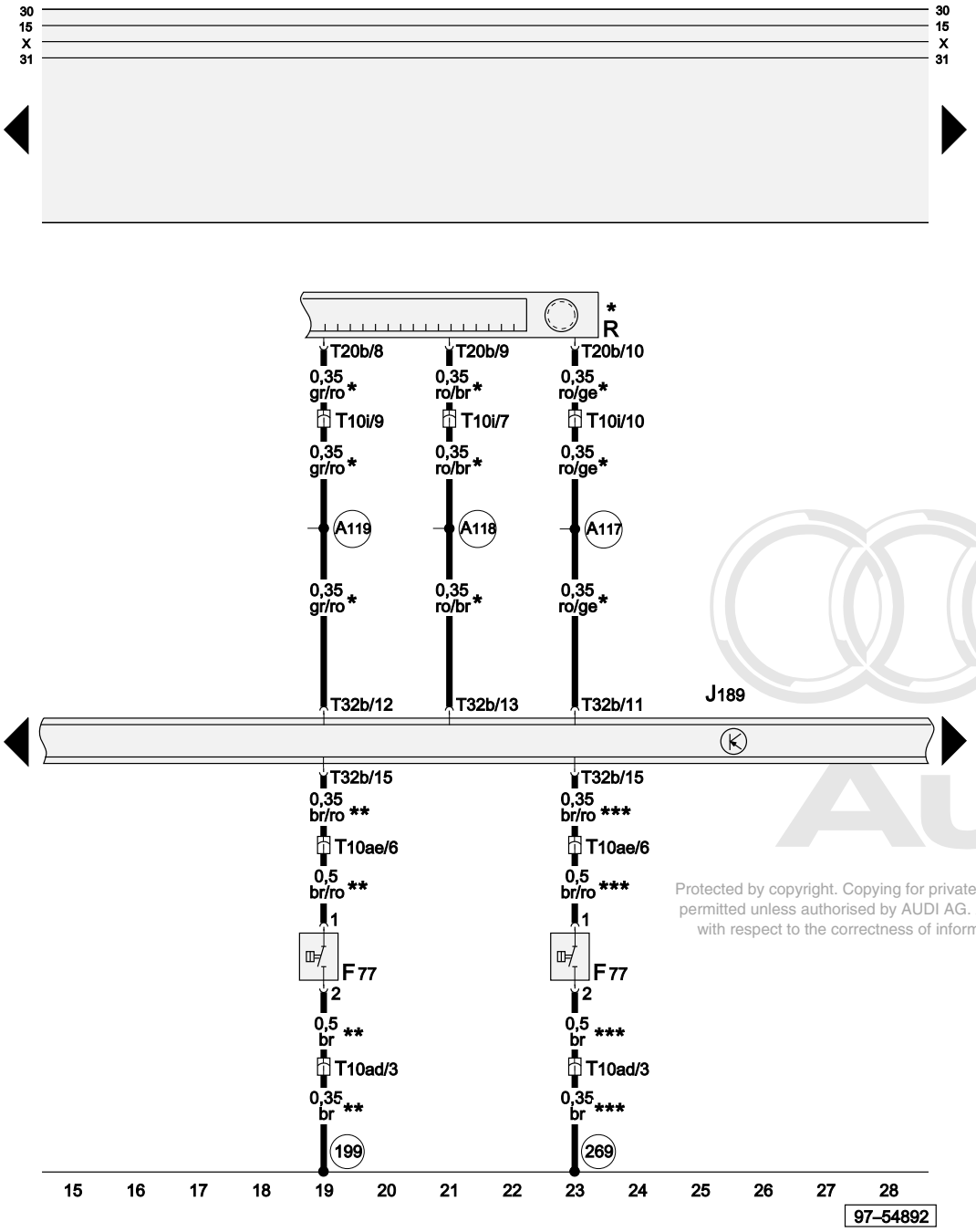


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Auto-check system, door contact switches

F10	Rear left door contact switch
F11	Rear right door contact switch
J189	Auto-check system
J218	Combi-processor in dash panel insert
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
199	Earth connection -3-, in dash panel wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	See applicable engine version
**	See applicable Current Flow Diagram: Central locking
***	Applicable up to model year 2000
****	Applicable from model year 2001

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

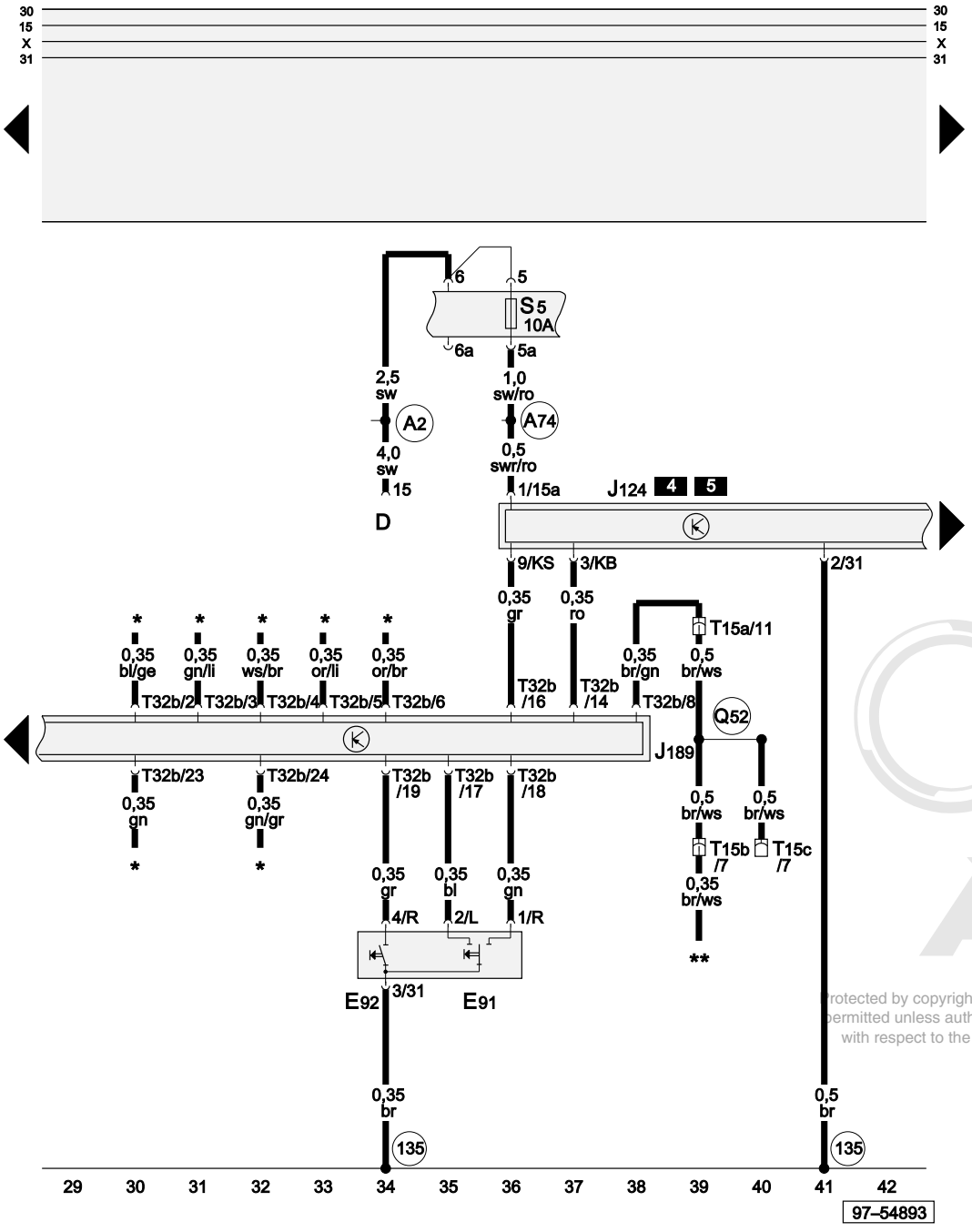


Auto-check system, windscreen washer fluid warning contact, radio

F77	Windscreen washer fluid warning contact
J189	Auto-check system
R	Radio
T10i	10-pin connector, black, in centre console
T10ad	10-pin connector, red, left connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
T20b	20-pin connector, black, radio connector I
T32b	32-pin connector, grey, on dash panel insert
199	Earth connection -3-, in dash panel wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A117	Connection (enable), in dash panel wiring harness
A118	Connection (data), in dash panel wiring harness
A119	Connection (clock), in dash panel wiring harness
*	Only models with radio
**	Applicable up to model year 2000
***	Applicable from model year 2001

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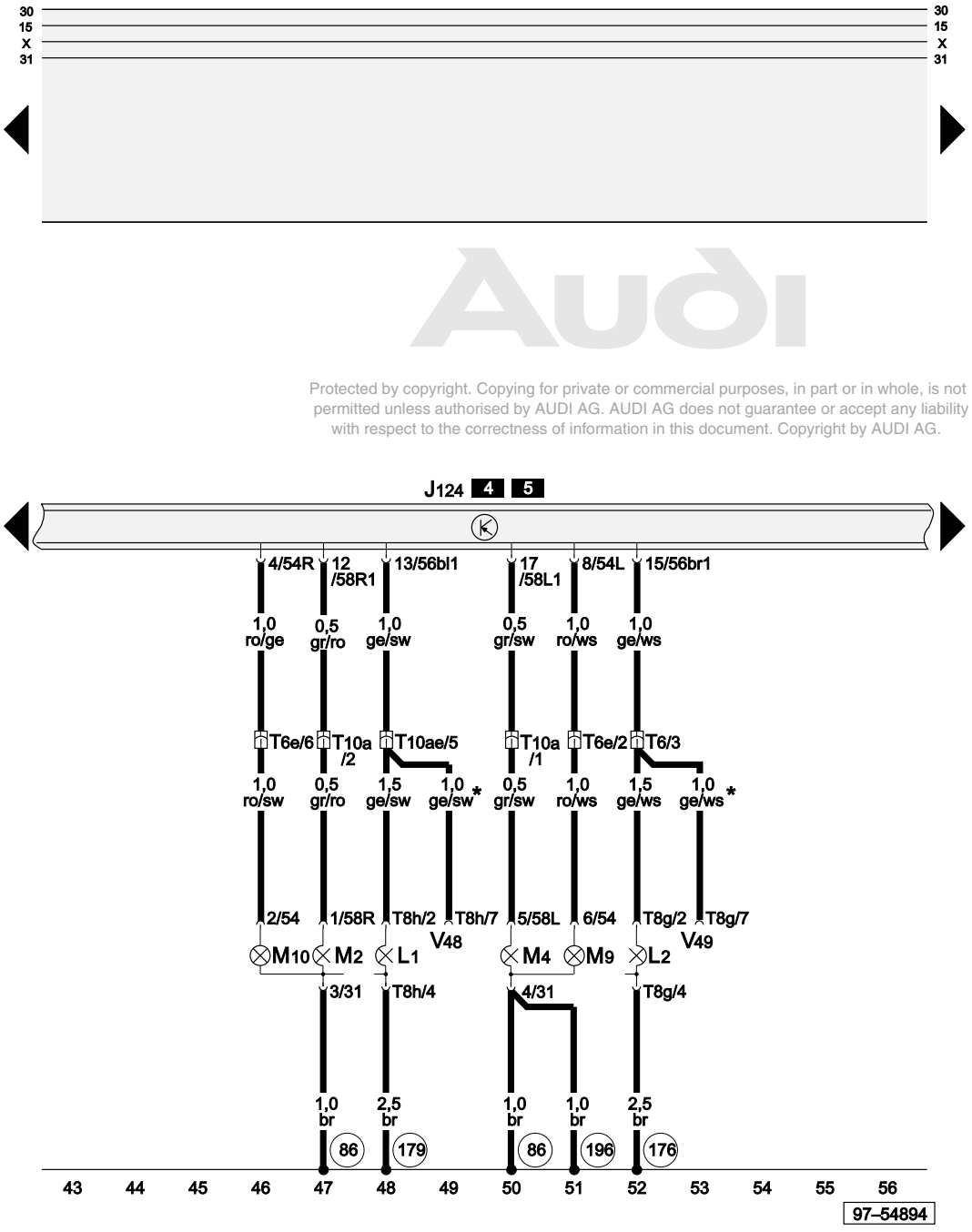


Auto-check system, function selection switch, reset button, bulb monitoring device

D	Ignition/starter switch
E91	Function selection switch
E92	Reset button
J124	Bulb monitoring device
J189	Auto-check system
S5	Fuse in fuse box
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
T32b	32-pin connector, grey, 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
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	See applicable Current Flow Diagram: Navigation system
**	See applicable Current Flow Diagram: Central locking

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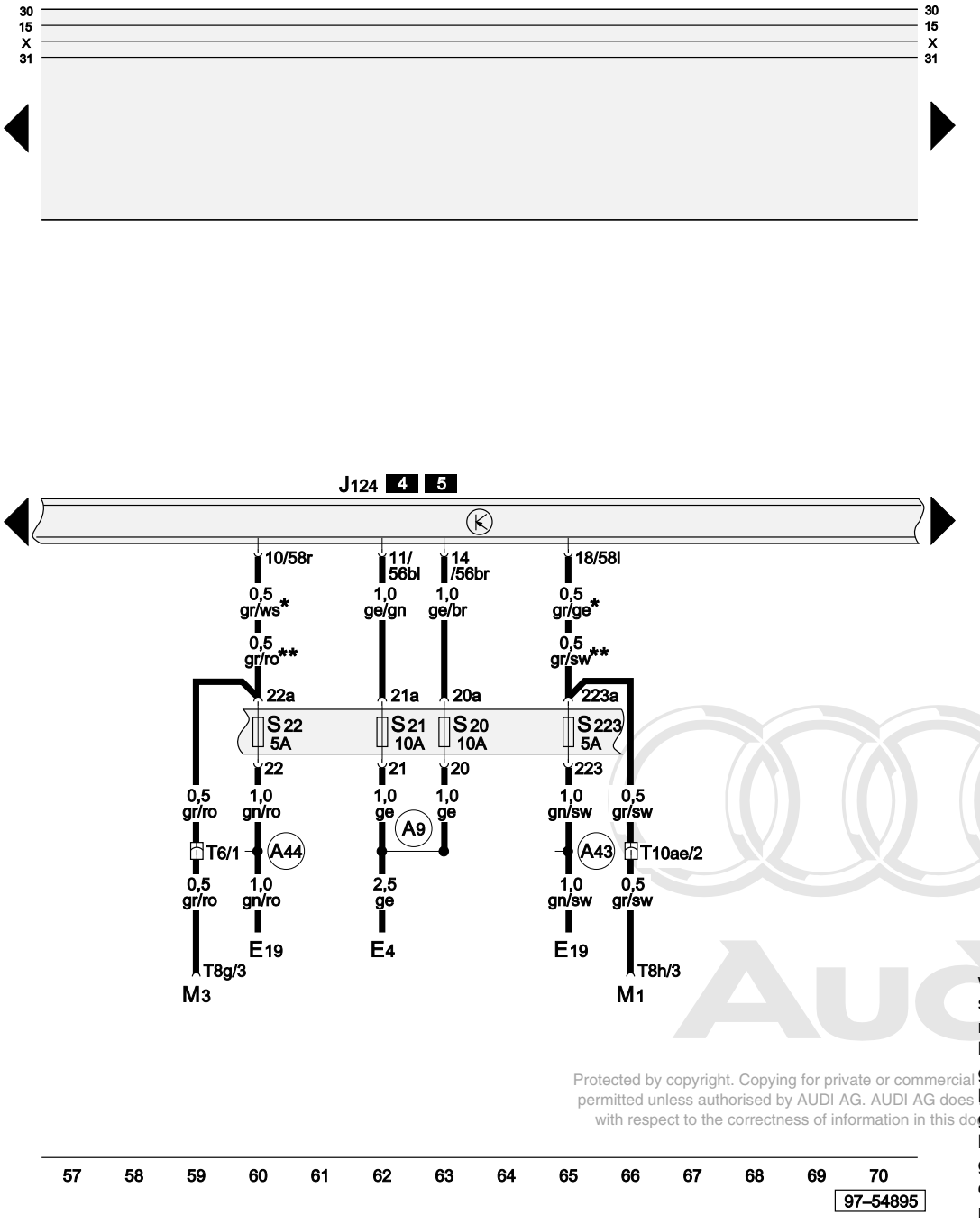


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Auto-check system

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
T6	6-pin connector, light pink, right connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T8g	8-pin connector, near headlight, right
T8h	8-pin connector, near headlight, left
T10a	10-pin connector, brown, left connector point, A pillar
T10ae	10-pin connector, light pink, 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
*	Does not apply to 2.7 litre bi-turbo, 195 kW, 6-cylinder

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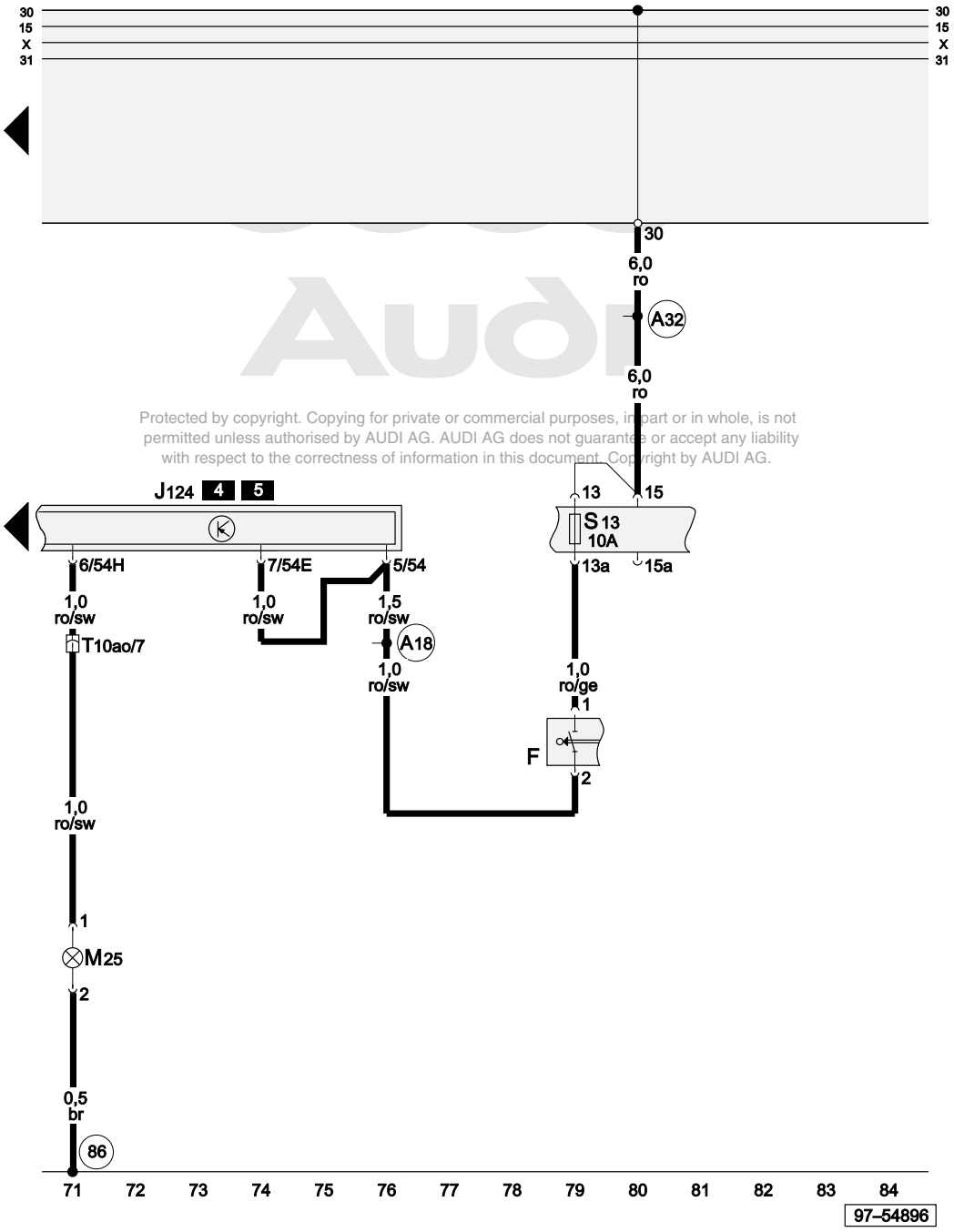


Auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
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
T6	6-pin connector, light pink, right connector point, A pillar
T8g	8-pin connector, near headlight, right
T8h	8-pin connector, near headlight, left
T10ae	10-pin connector, light pink, left connector point, A pillar
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
*	Applicable up to model year 2000
**	Applicable from model year 2001

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Auto-check system

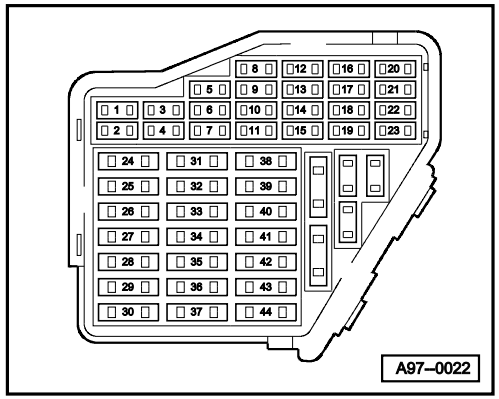
F	Brake light switch
J124	Bulb monitoring device
M25	High level brake light bulb
S13	Fuse in fuse box
T10ao	10-pin connector, white, left connector point, A pillar
86	Earth connection -1-, in rear wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness

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or	=	orange
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Driver information system, Audi Avant models

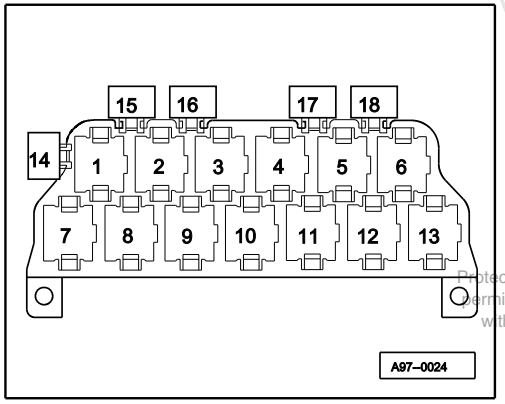
From model year 2000

Fuse box:



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 (J124)
5 - Bulb monitoring device (J124)

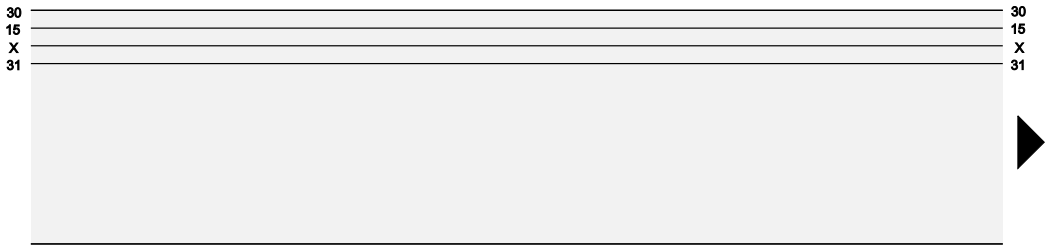
Fuse colours:

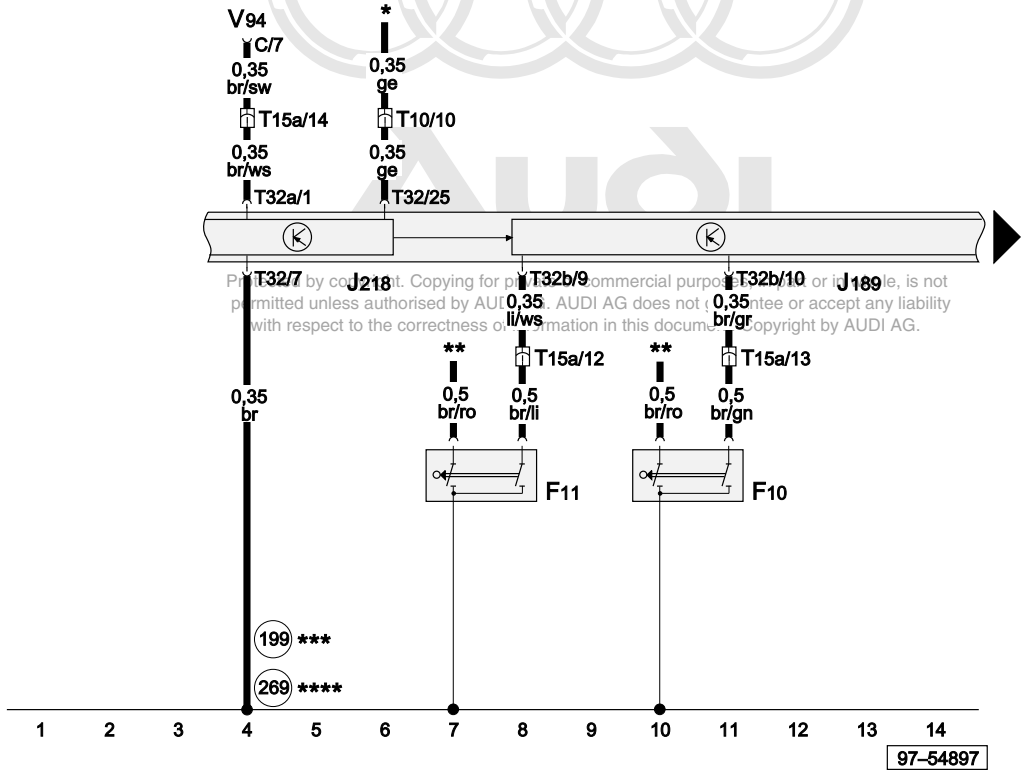
30 A - green
25 A - white

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20 A - yellow
15 A - blue
10 A - red

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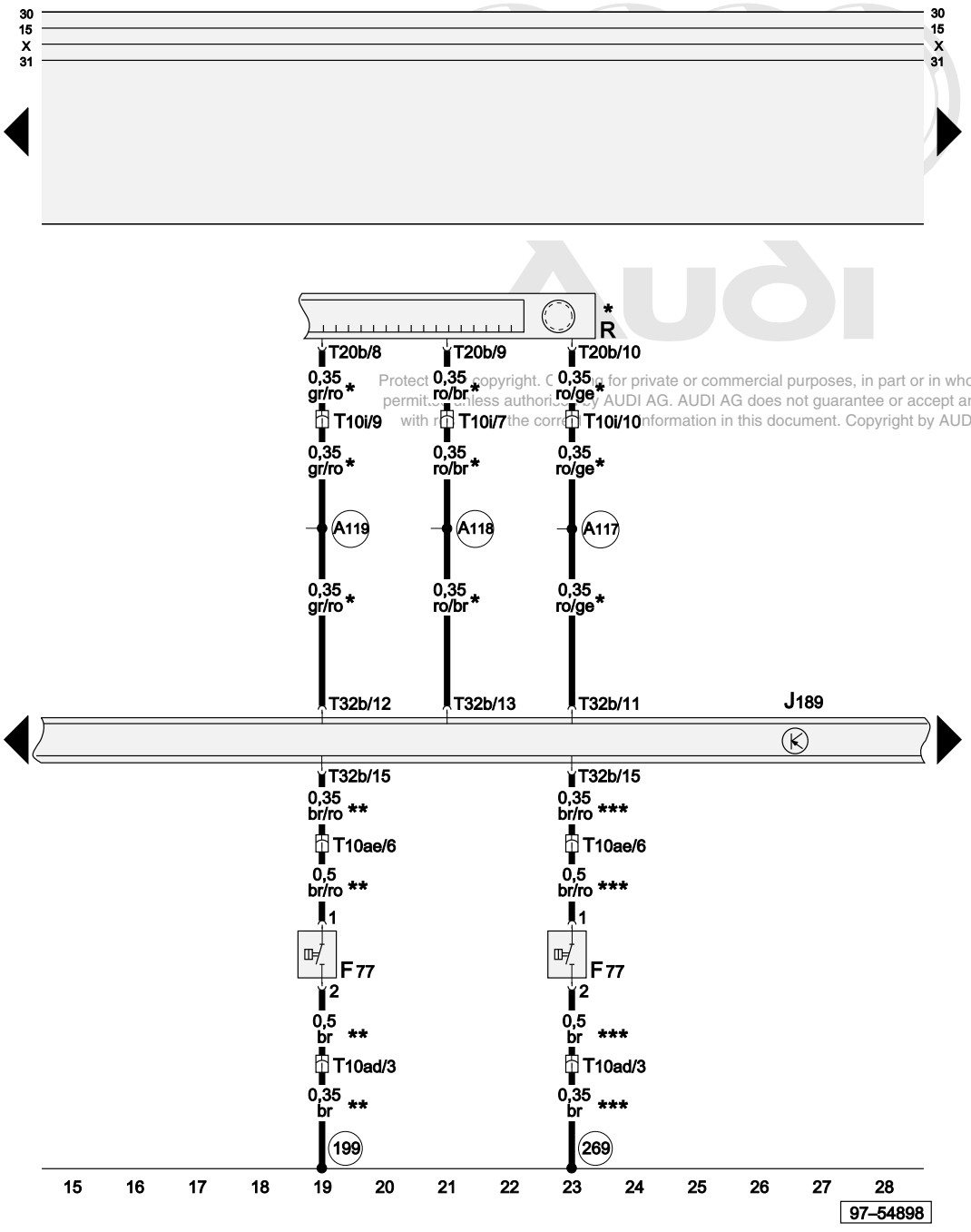


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Auto-check system, door contact switches

F10	Rear left door contact switch
F11	Rear right door contact switch
J189	Auto-check system
J218	Combi-processor in dash panel insert
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay
199	Earth connection -3-, in dash panel wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	See applicable engine version
**	See applicable Current Flow Diagram: Central locking
***	Applicable up to model year 2000
****	Applicable from model year 2001

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gn	=	green
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or	=	orange
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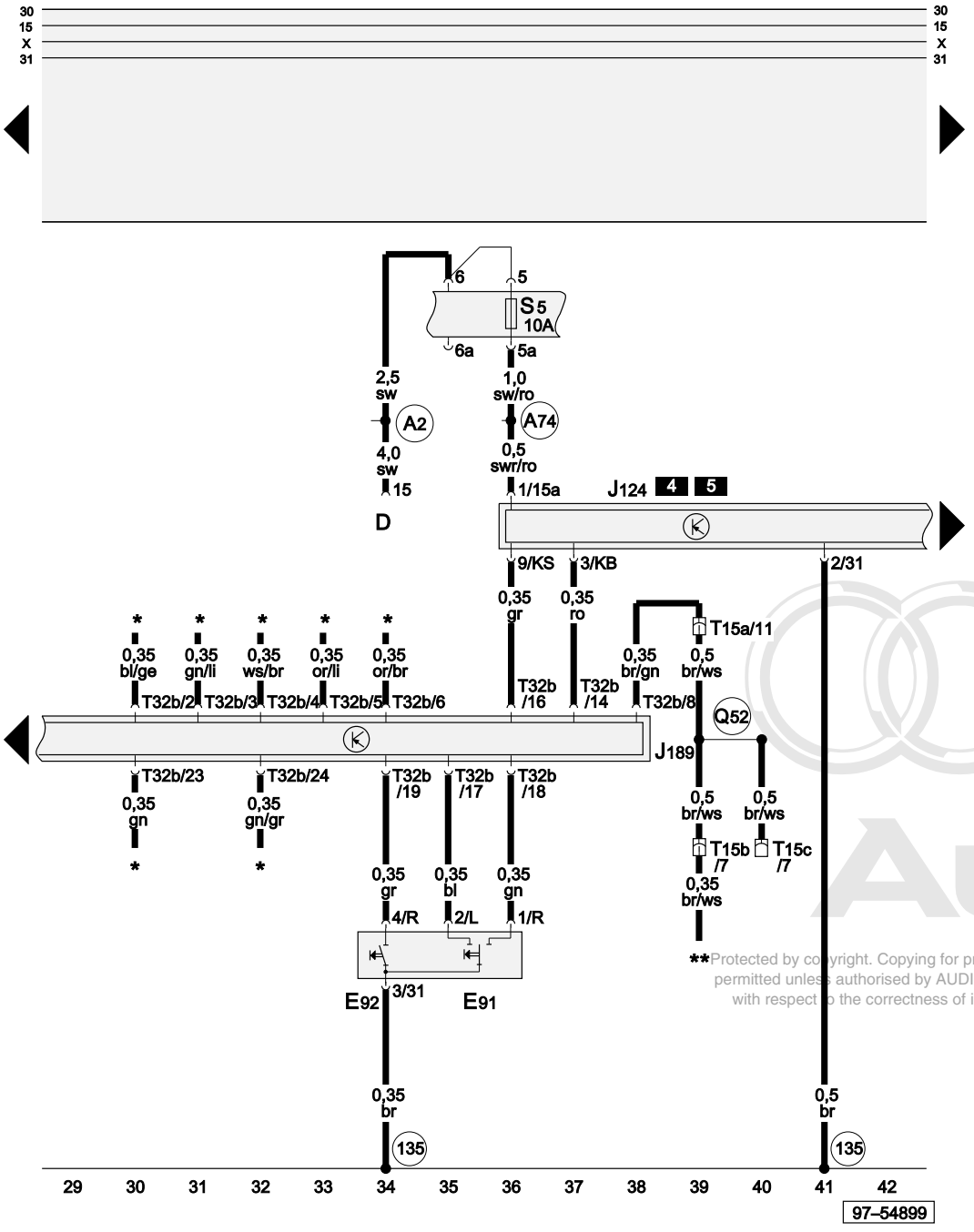


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Auto-check system, windscreen washer fluid warning contact, radio

F77	Windscreen washer fluid warning contact
J189	Auto-check system
R	Radio
T10i	10-pin connector, black, in centre console
T10ad	10-pin connector, red, left connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
T20b	20-pin connector, black, radio connector I
T32b	32-pin connector, grey, on dash panel insert
199	Earth connection -3-, in dash panel wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A117	Connection (enable), in dash panel wiring harness
A118	Connection (data), in dash panel wiring harness
A119	Connection (clock), in dash panel wiring harness
*	Only models with radio
**	Applicable up to model year 2000
***	Applicable from model year 2001

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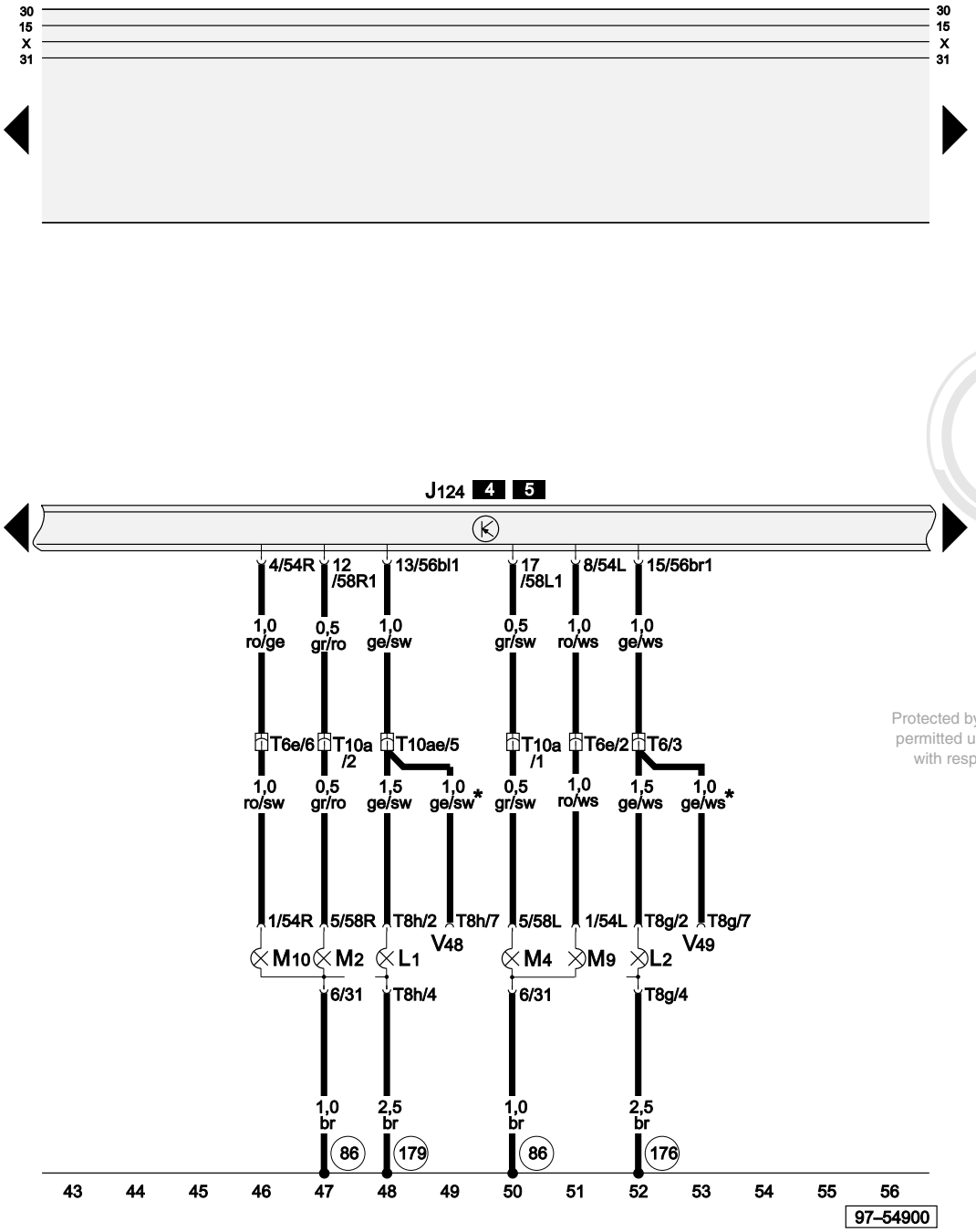


Auto-check system, function selection switch, reset button, bulb monitoring device

D	Ignition/starter switch
E91	Function selection switch
E92	Reset button
J124	Bulb monitoring device
J189	Auto-check system
S5	Fuse in fuse box
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
T32b	32-pin connector, grey, 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
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
*	See applicable Current Flow Diagram: Navigation system
**	See applicable Current Flow Diagram: Central locking

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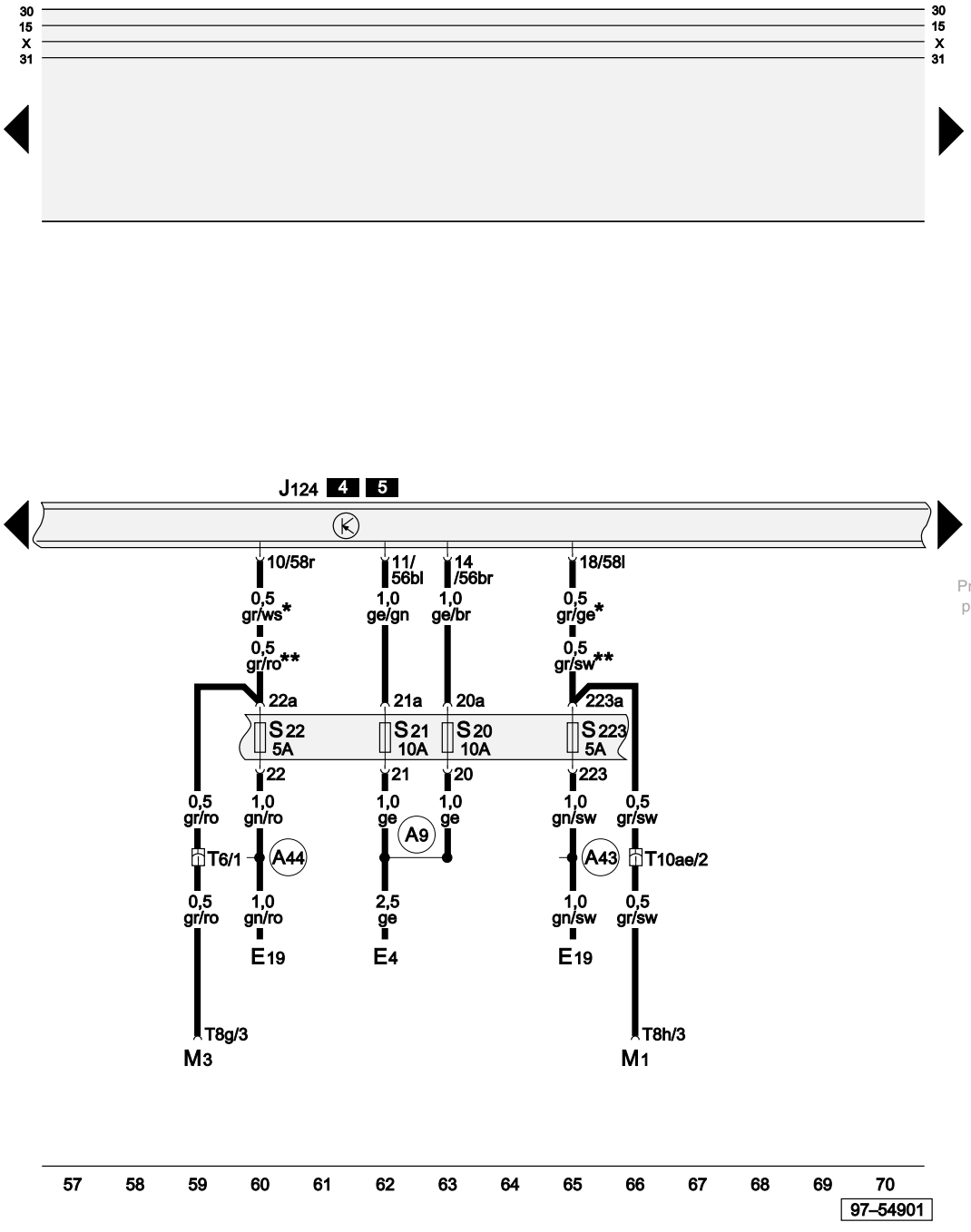


Auto-check system

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
T6	6-pin connector, light pink, right connector point, A pillar
T6e	6-pin connector, blue, left connector point, A pillar
T8g	8-pin connector, near headlight, right
T8h	8-pin connector, near headlight, left
T10a	10-pin connector, brown, left connector point, A pillar
T10ae	10-pin connector, light pink, 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
*	Does not apply to 2.7 litre bi-turbo, 195 kW, 6-cylinder

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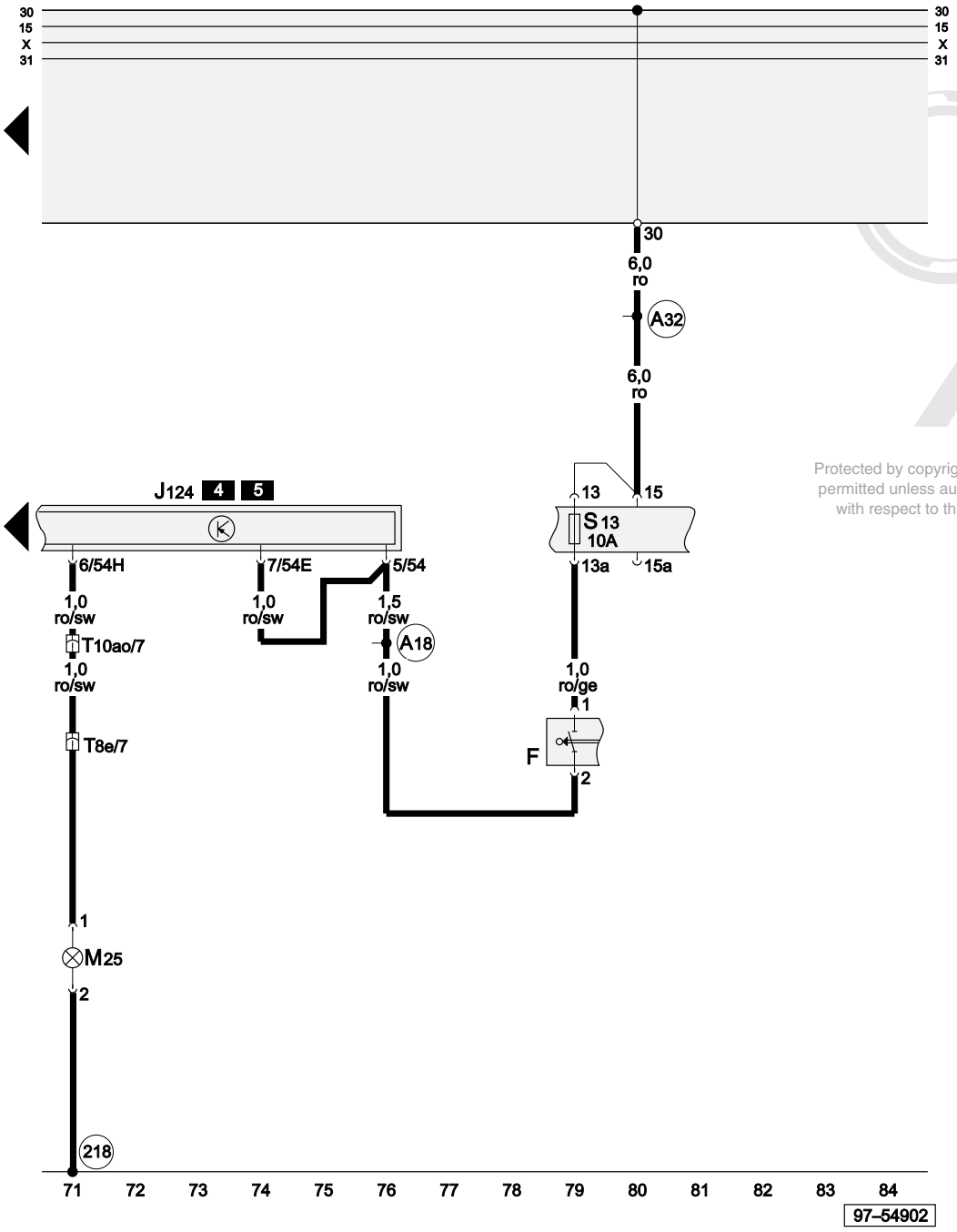


Auto-check system

E4	Headlight dipper/flasher switch
E19	Parking light switch
J124	Bulb monitoring device
M1	Side light bulb, left
M3	Side light bulb, right
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
T6	6-pin connector, light pink, right connector point, A pillar
T8g	8-pin connector, near headlight, right
T8h	8-pin connector, near headlight, left
T10ae	10-pin connector, light pink, left connector point, A pillar
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
*	Applicable up to model year 2000
**	Applicable from model year 2001

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rs	=	pink



Auto-check system

F	Brake light switch
J124	Bulb monitoring device
M25	High level brake light bulb
S13	Fuse in fuse box
T8e	8-pin connector, black, in luggage compartment, rear left
T10ao	10-pin connector, white, left connector point, A pillar
218	Earth connection -1-, in tailgate wiring harness
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness

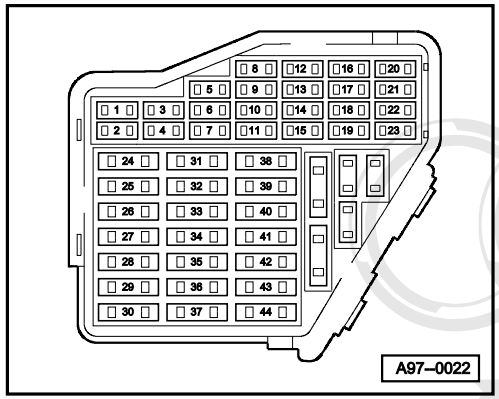
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Mobile phone

From model year 2000

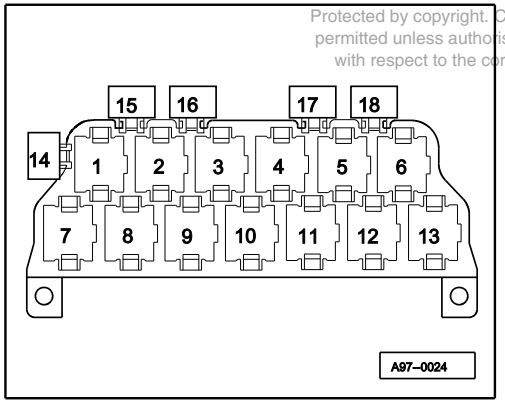
Fuse box



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

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Position of relays:

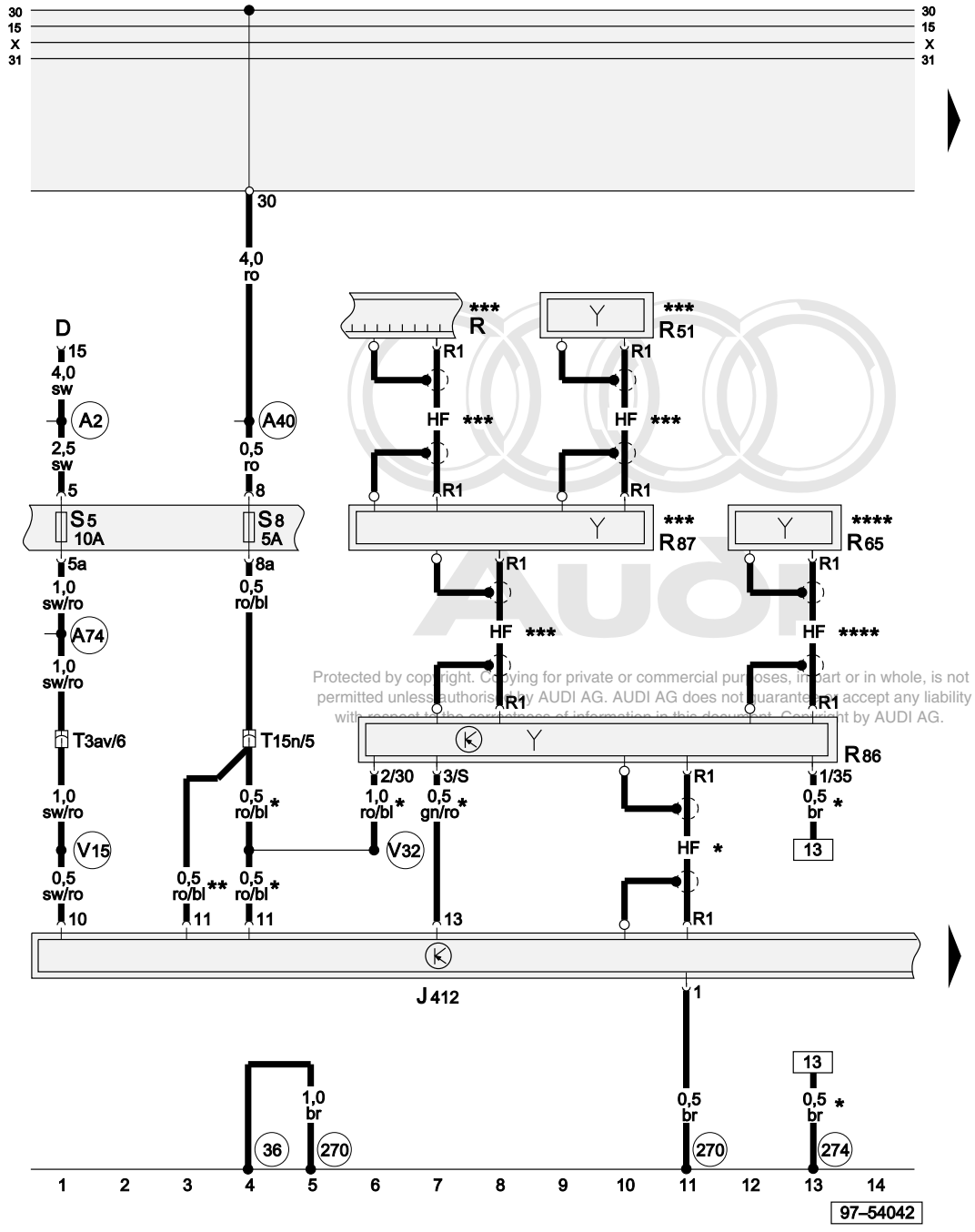
2 - Multi-function steering wheel control unit
3 - Multi-function steering wheel control unit

Fuse colours:

30 A - green
25 A - white

20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige

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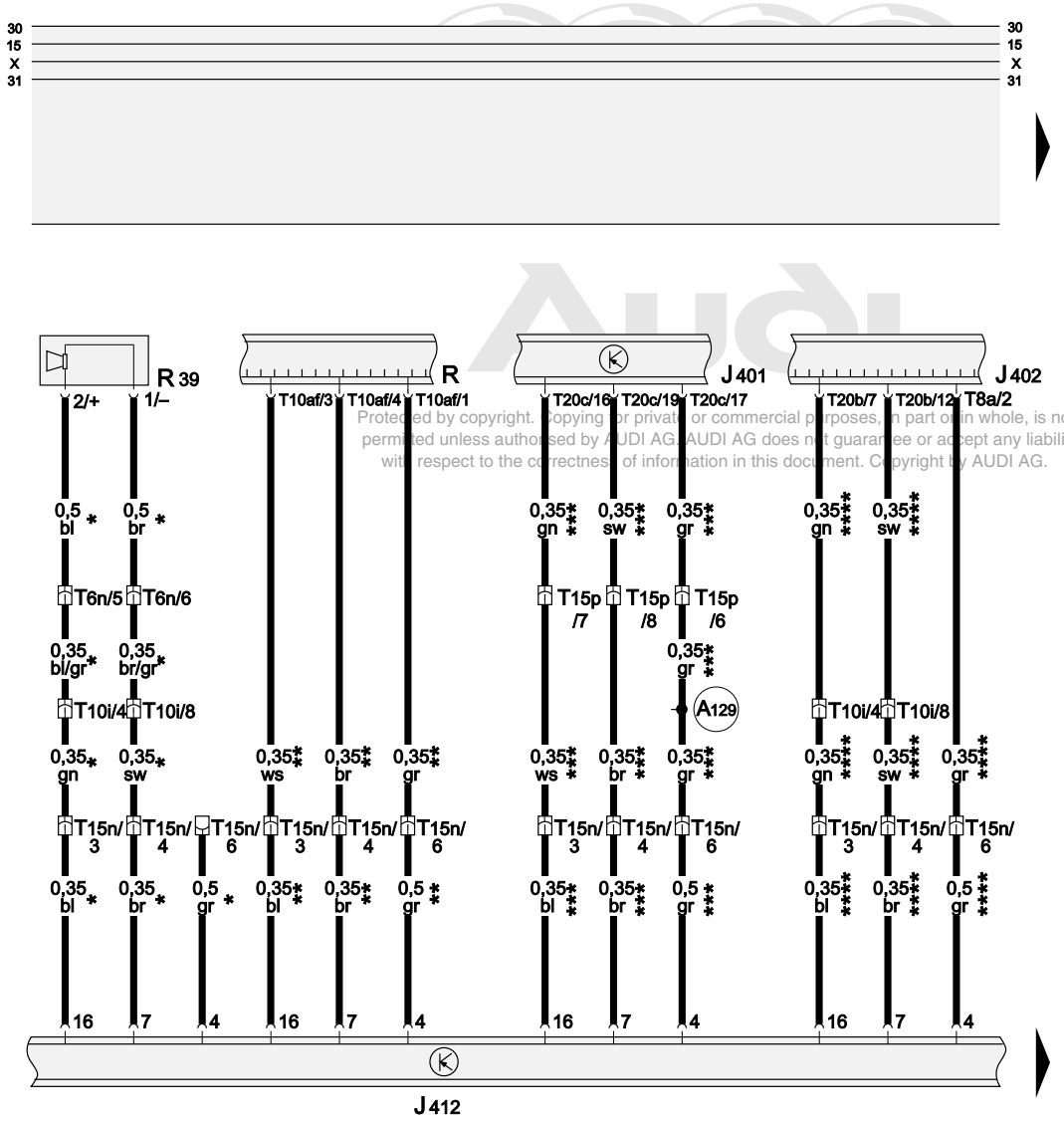


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Telephone operating electronics control unit, voltage supply, aerials

D	Ignition/starter switch
J412	Operating electronics control unit, telephone
R	Radio
R1	Aerial connection
R51	Radio/telephone/auxiliary heater aerial
R65	Telephone aerial
R86	Aerial amplifier, mobile telephone
R87	Aerial filter
S5	Fuse in fuse box/relay plate
S8	Fuse in fuse box/relay plate
T3av	3-pin connector, brown, in centre console
T15n	15-pin connector, brown, in centre console
36	Earth point, near handbrake lever
270	Earth connection, in telephone wiring harness
274	Earth connection -6-, in front wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
V15	Connection, in telephone wiring harness
V32	Positive (+) connection (30), in telephone wiring harness
*	Fixed installation
**	No fixed installation
***	Telephone and radio (rod aerial on models with insulating glass)
****	Telephone (rod aerial on models with insulating glass)

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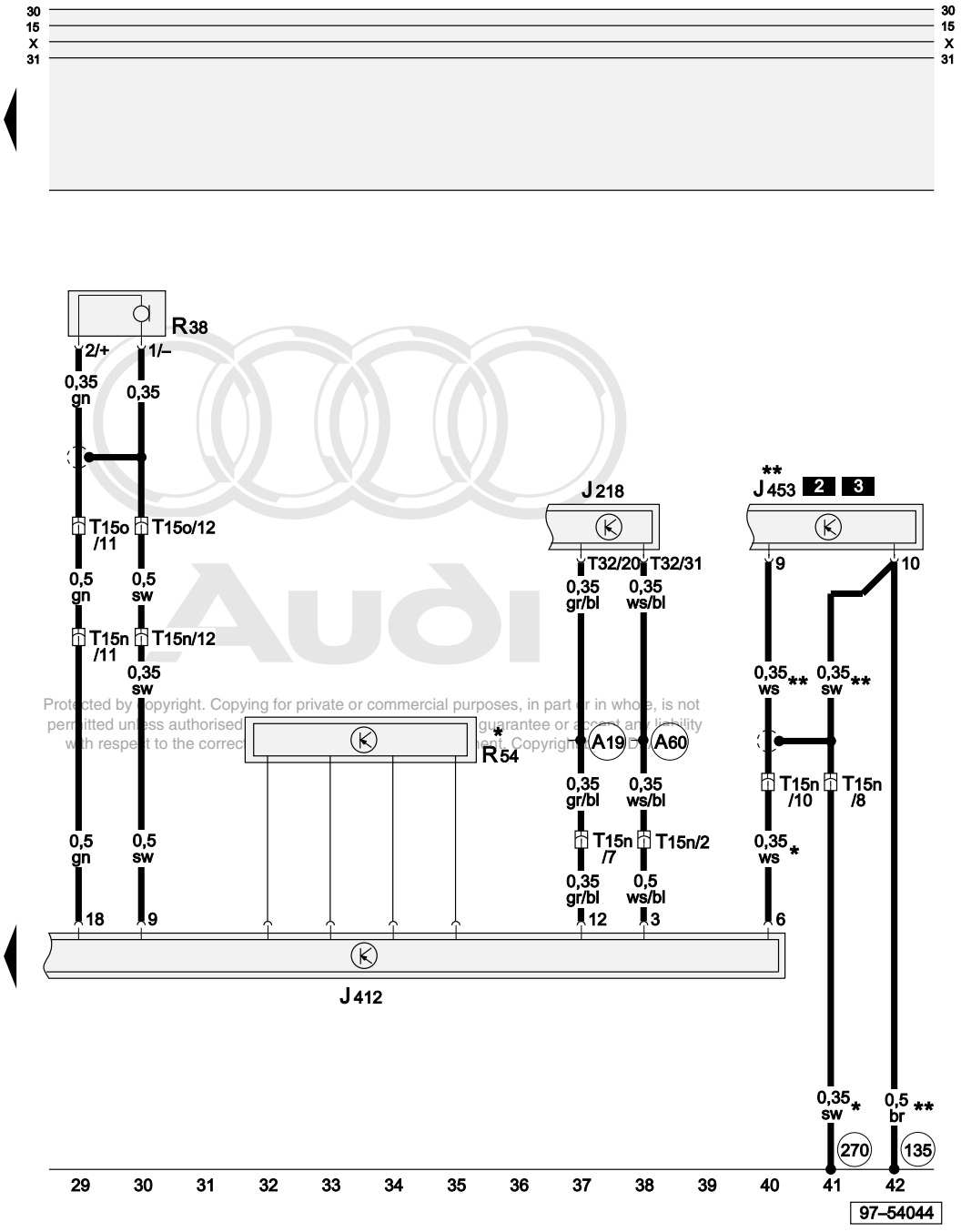


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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Telephone operating electronics control unit, loudspeaker

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
J412	Operating electronics control unit, telephone
R	Radio
R39	Telephone/navigation systems loudspeaker
T6n	6-pin connector, green, at A pillar, left
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T20c	20-pin connector, black, on navigation control unit
A129	Connection (muting), in dash panel wiring harness
*	Only models without radio
**	Only models with radio
***	Only models with navigation system
****	Only models with radio navigation system



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

Telephone operating electronics control unit, telephone microphone, multi-function steering wheel control unit, dash panel insert

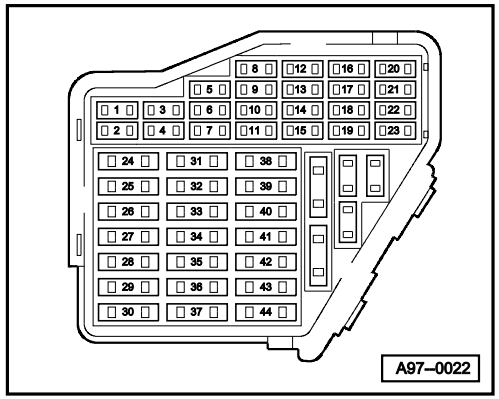
J218	Combi-processor in dash panel insert
J412	Operating electronics control unit, telephone
J453	Multi-function steering wheel control unit
R38	Telephone microphone
R54	Mobile telephone
T15n	15-pin connector, brown, in centre console
T15o	15-pin connector, grey, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
270	Earth connection, in telephone wiring harness
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
*	Fixed installation
**	Only models with multi-function steering wheel

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Radiator fan control - 80 W (without air conditioner), for 1,9 l TDI 81 kW, 4 cylinder

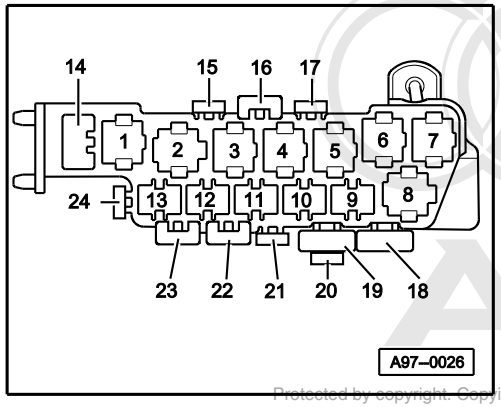
From model year 2000

Fuse box:



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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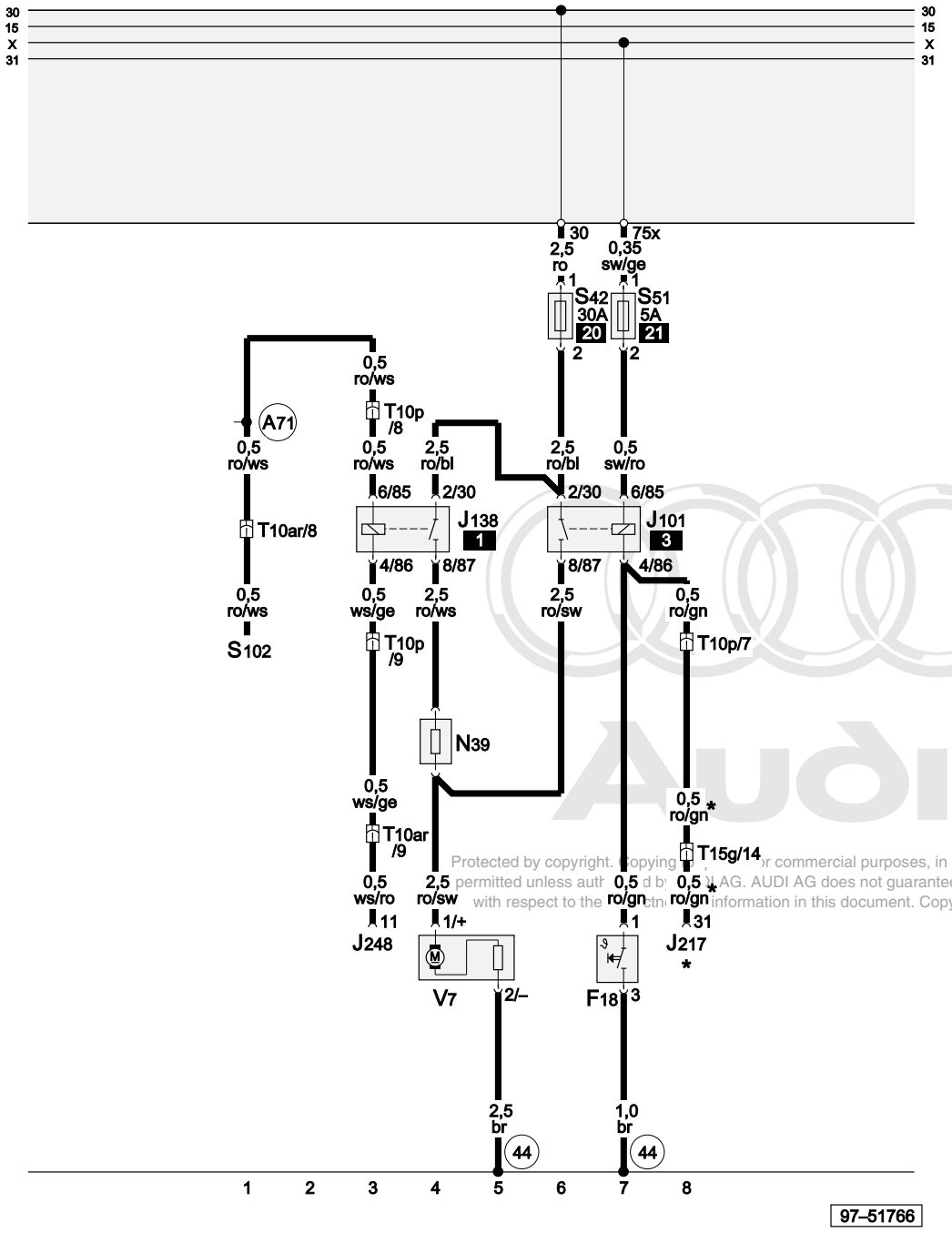
Position of relays:

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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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 - 80 W (without air conditioner), for 1,9 l TDI 81 kW, 4 cylinder

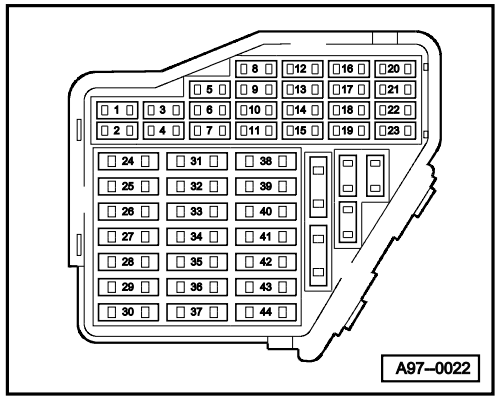
F18	Radiator fan thermo-switch
J101	Radiator fan relay (maximum speed)
J138	Radiator fan run-on relay
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
S102	Fuse for engine electrics (diesel)
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15g	15-pin connector, brown, right connector point, A pillar
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

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Radiator fan control - 300 W (without air conditioner), for 1,9 l TDI 81 kW, 4 cylinder

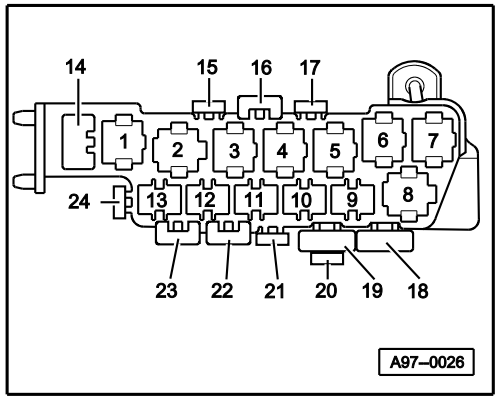
From model year 2000

Fuse box:



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:

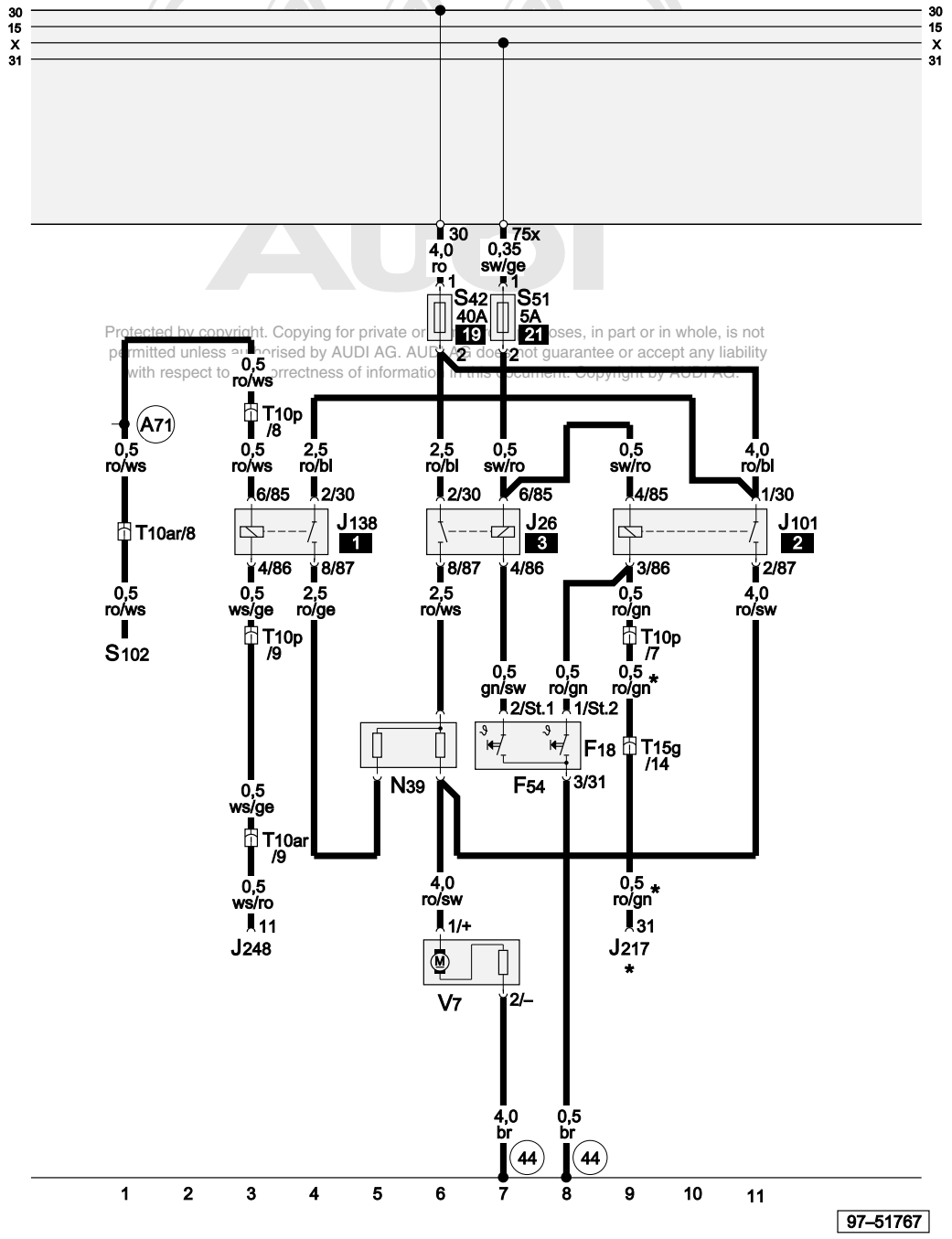
1 - Relay for radiator fan run-on
2 - Radiator fan relay (completely)
3 - Radiator fan 1. stage relay
19 - Radiator fan fuse
21 - Radiator fan fuse - relay coil

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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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Radiator fan control - 300 W (without air conditioner), for 1,9 l TDI 81 kW, 4 cylinder

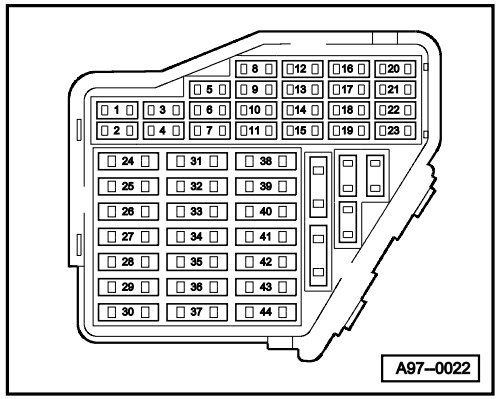
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay (maximum speed)
J138	Radiator fan run-on relay
J217	Automatic gearbox control unit
J248	Diesel direct injection system control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Radiator fan fuse - relay coil
S102	Fuse for engine electrics (diesel)
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15g	15-pin connector, brown, right connector point, A pillar
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

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

Provision for radio

From model year 2000

Fuse box:

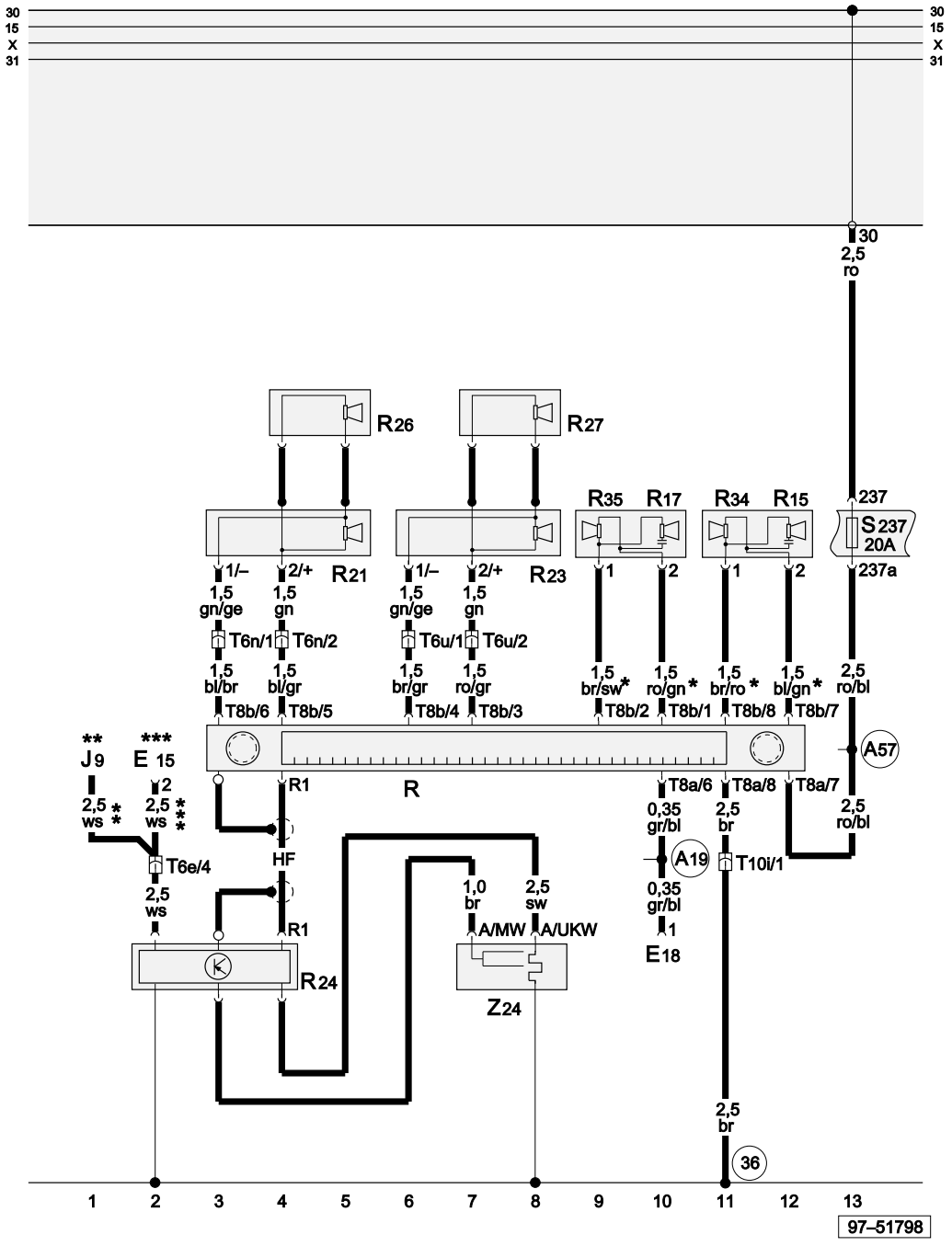


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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

Provision for radio

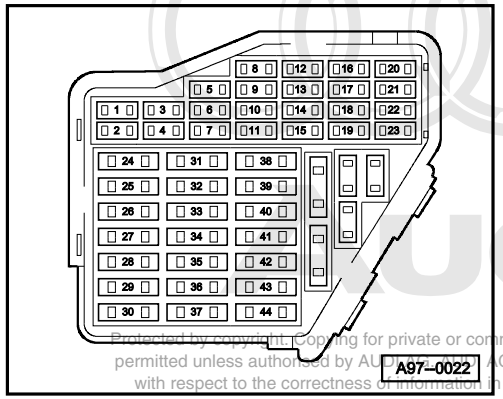
E15	Heated rear window switch
J9	Heated rear window relay
R	Radio
R1	Aerial connection
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R24	Aerial amplifier
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
S237	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, radio connector III
T8b	8-pin connector, brown, radio connector II
T10i	10-pin connector, black, in centre console
Z24	Heated rear window with window aerial
36	Earth point, near handbrake lever
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Only models with 8 loudspeakers
**	Models without air conditioner
***	Models with air conditioner

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Provision for radio, Audi Avant

From model year 2000

Fuse box:

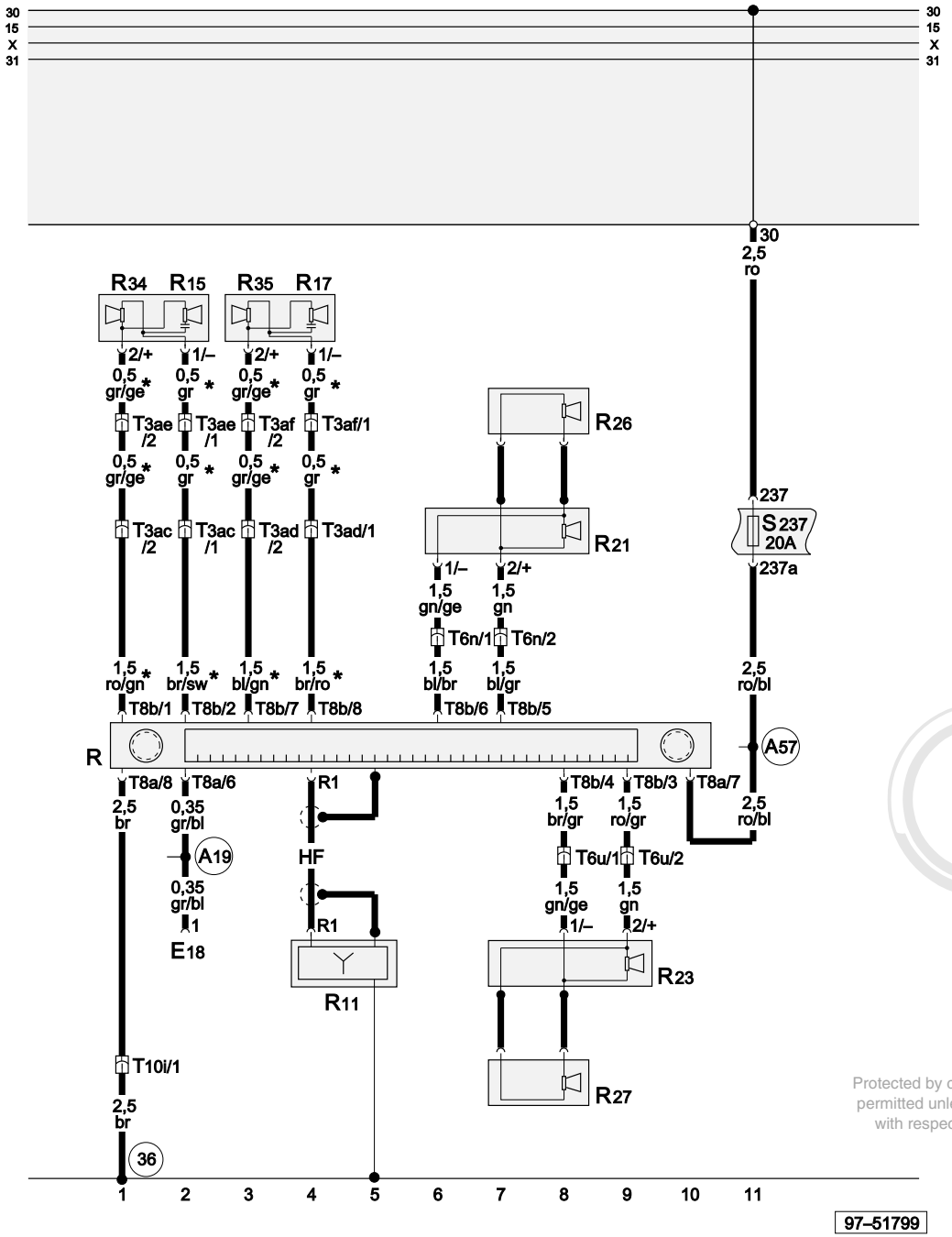


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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



Provision for radio, Audi Avant

R	Radio
R11	Aerial
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-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, radio connector III
T8b	8-pin connector, brown, radio connector II
T10i	10-pin connector, black, in centre console
36	Earth point, near handbrake lever
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Only models with 8 loudspeakers

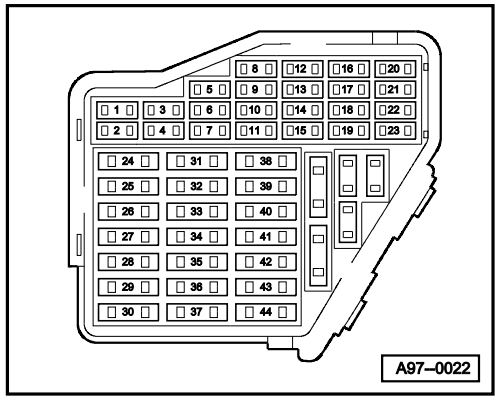
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Radio Bose sound system

From model year 2000

Fuse box:

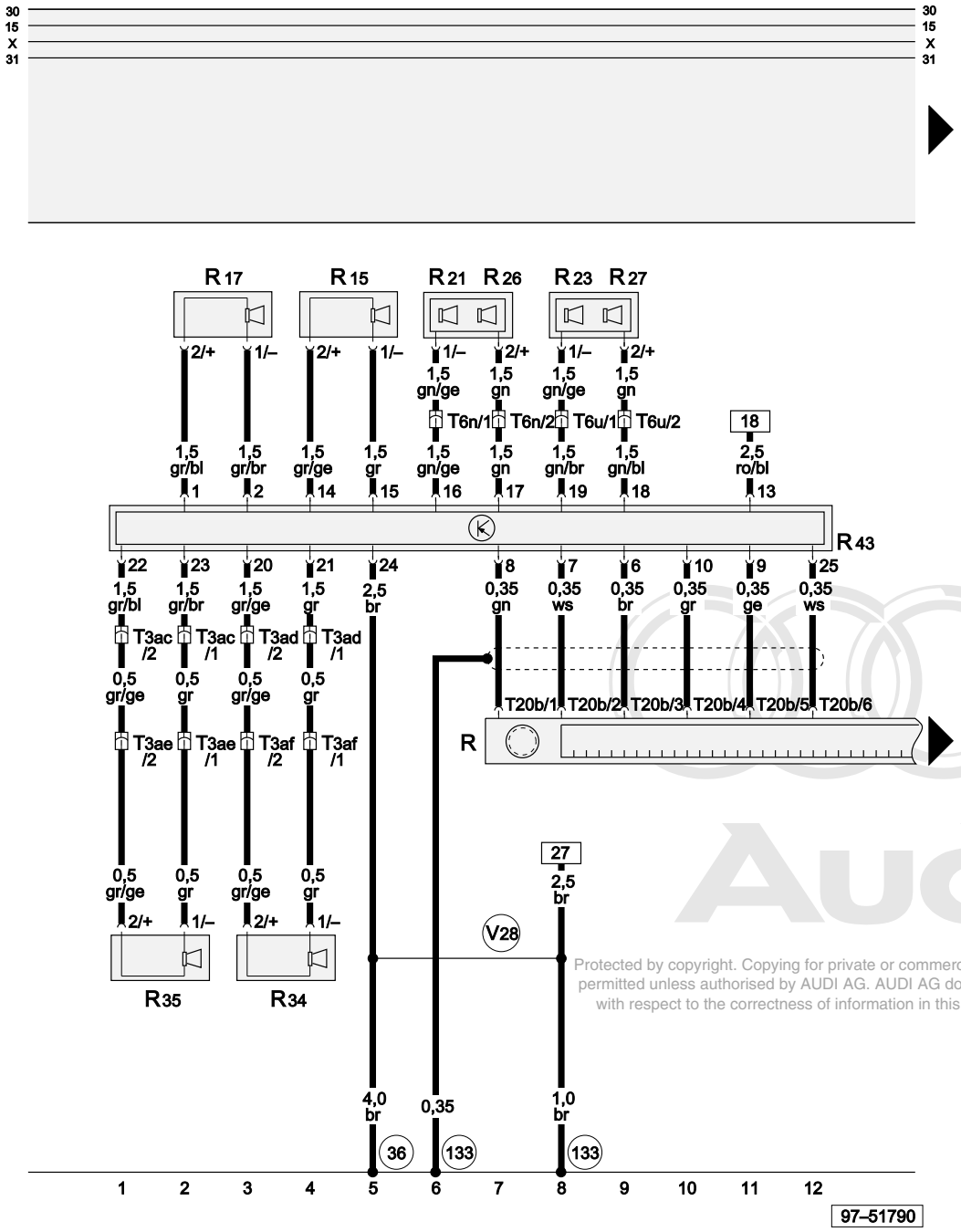


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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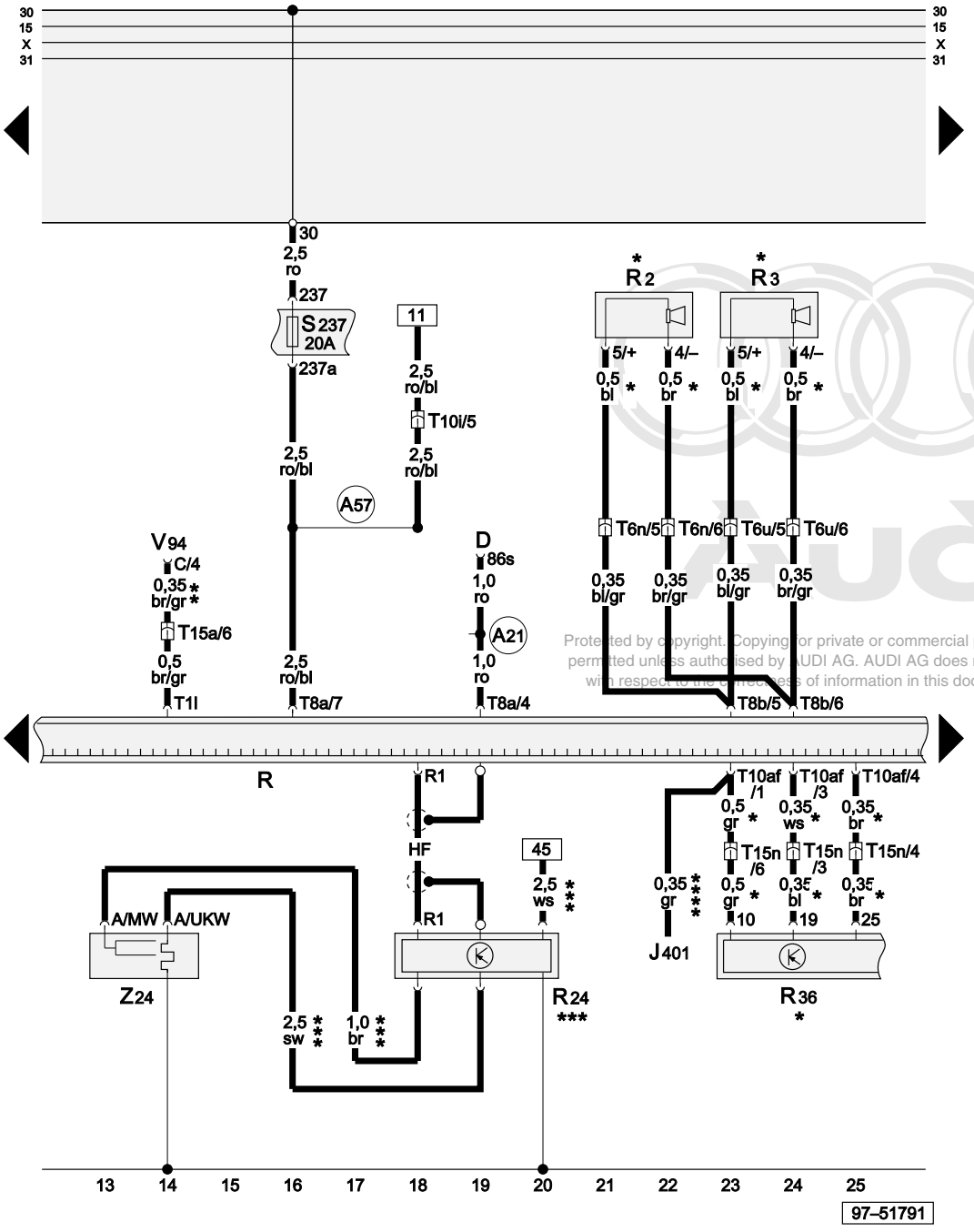
Radio Bose sound system

R	Radio
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-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R43	Amplifier with bass loudspeaker (luggage compartment, right)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
133	Earth connection, in loudspeaker wiring harness
V28	Connection -1-, in radio wiring harness

Note: For CD changer see Current Flow Diagram: 'Radio Chorus, radio Concert, radio Symphony with CD changer'

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

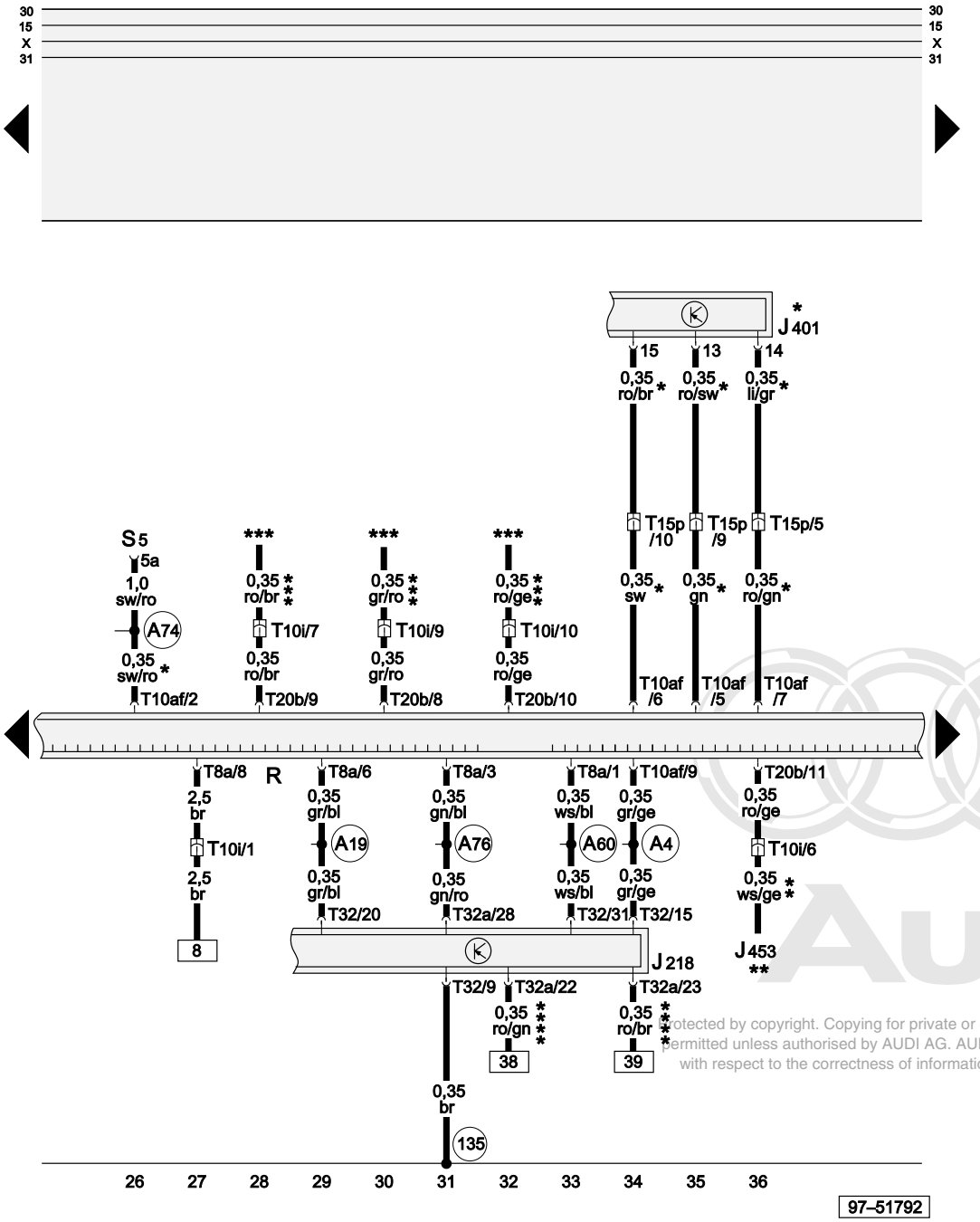


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Bose sound system

D	Ignition/starter switch
J401	Navigation system with CD drive control unit
R	Radio
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R24	Aerial amplifier
R36	Telephone transmitter and receiver unit
S237	Fuse in fuse box
T1l	Single connector, brown, on radio
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, radio connector III
T8b	8-pin connector, brown, radio connector II
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15a	15-pin connector, black, right connector point, A pillar
T15n	15-pin connector, brown, in centre console
V94	Central locking motor with control unit for interior lights switch-off delay
Z24	Heated rear window with window aerial
A21	Connection (86s), in dash panel wiring harness
A57	Connection (30a), in dash panel wiring harness
*	Only models with telephone
**	Only models with anti-theft alarm system
***	Applies to radio Concert, radio Chorus only
****	Only models with telephone and navigation system

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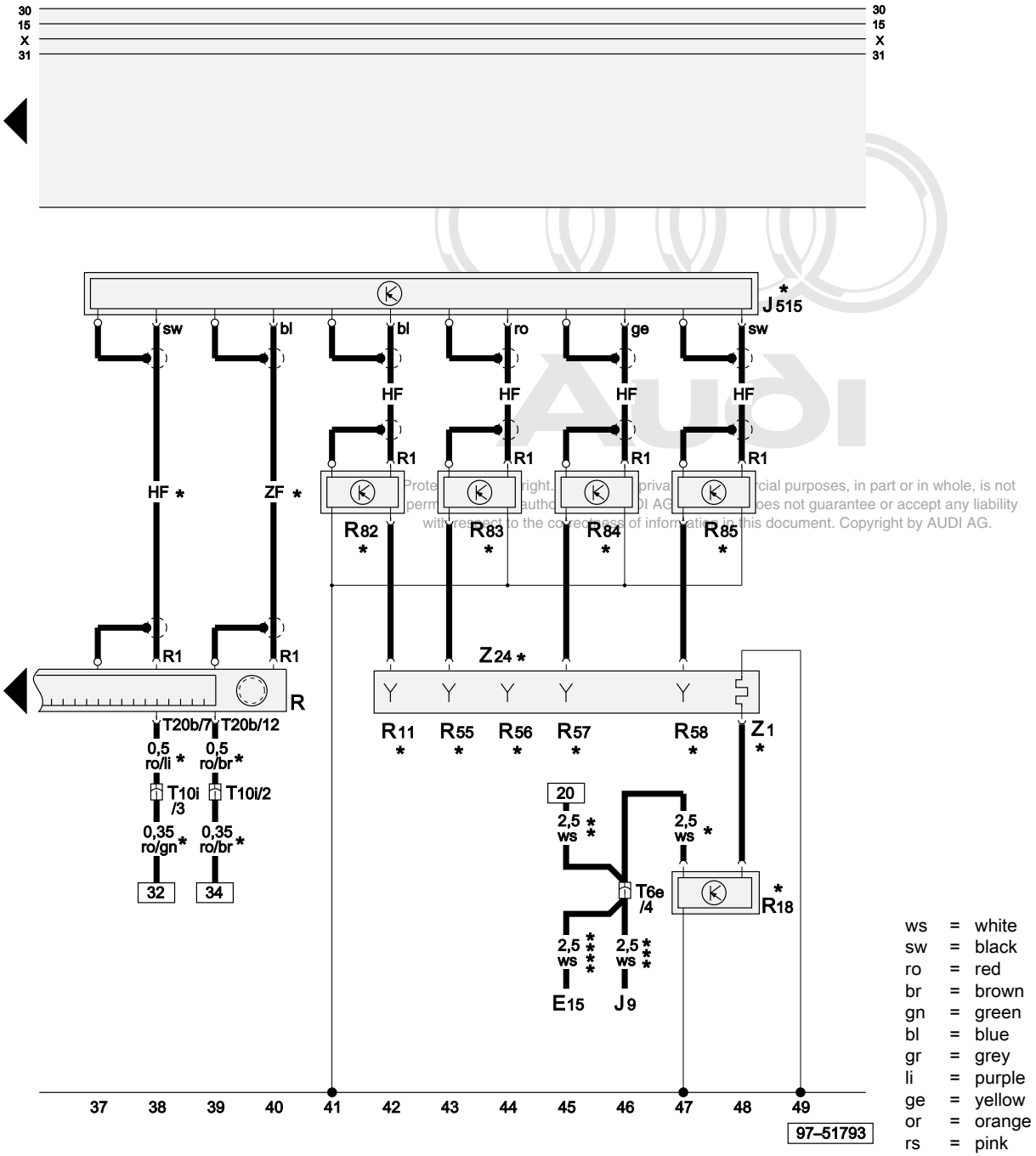


Radio Bose sound system

J218	Combi-processor in dash panel insert
J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
R	Radio
S5	Fuse in fuse box
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), 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 navigation system
**	Only models with multi-function steering wheel
***	Only models with radio navigation system
****	Only models with radio Symphony (double DIN size)

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

Radio Bose sound system

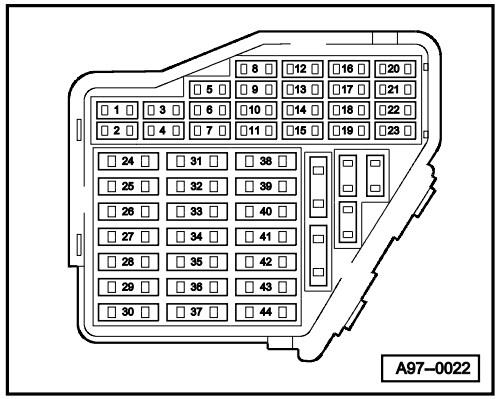
E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R	Radio
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R55	TV aerial -1-, in side window, right
R56	TV aerial -2-, in side window, left
R57	TV aerial -3-, in rear window
R58	TV aerial -4-, in rear window
R82	Aerial amplifier 1, TV
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
Z1	Heated rear window
Z24	Heated rear window with window aerial
*	Only models with radio Symphony (double DIN size)
**	Applies to radio Concert, radio Chorus only
***	Models without air conditioner
****	Only models with air conditioner

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Radio Bose sound system, Audi Avant

From model year 2000

Fuse box:

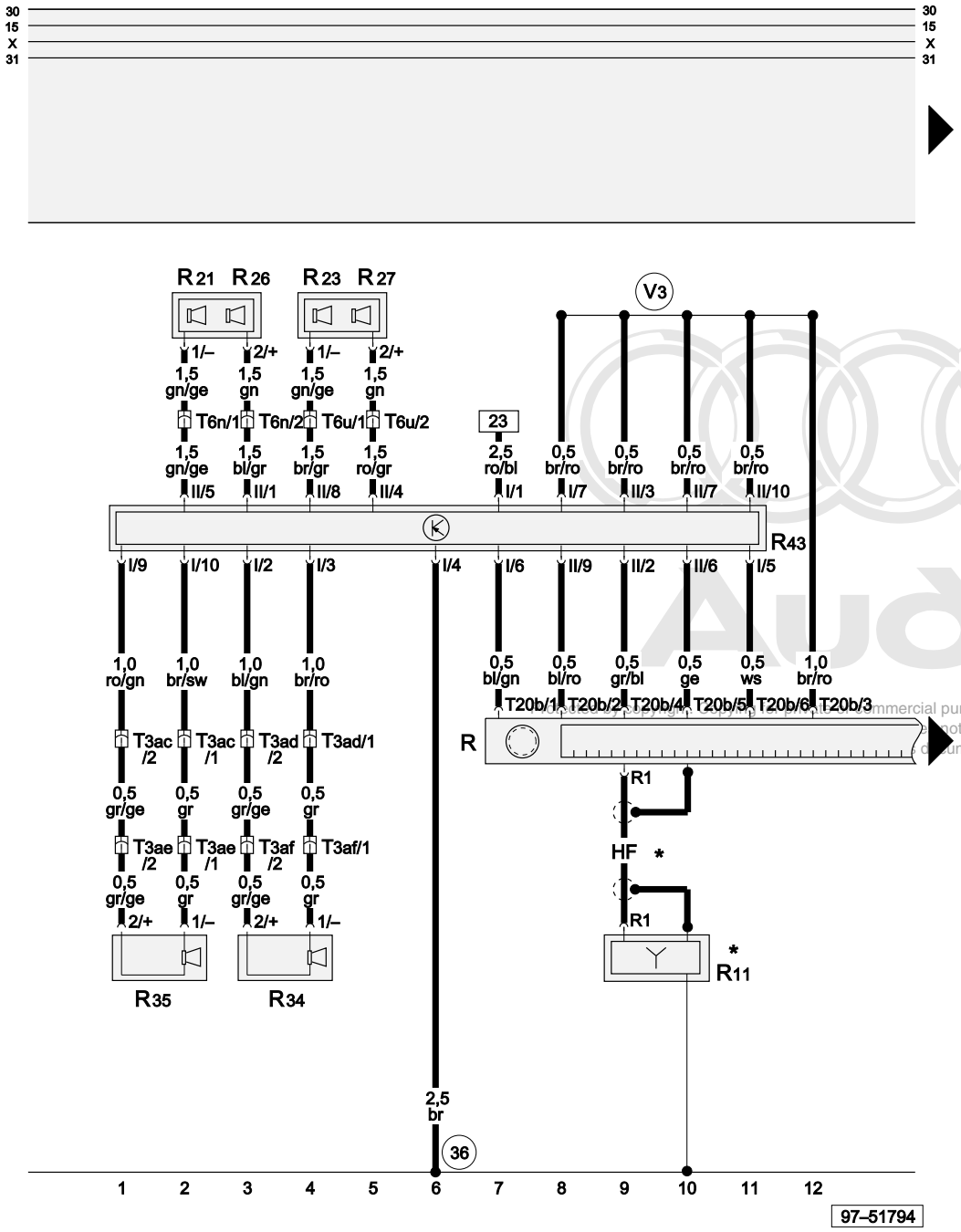


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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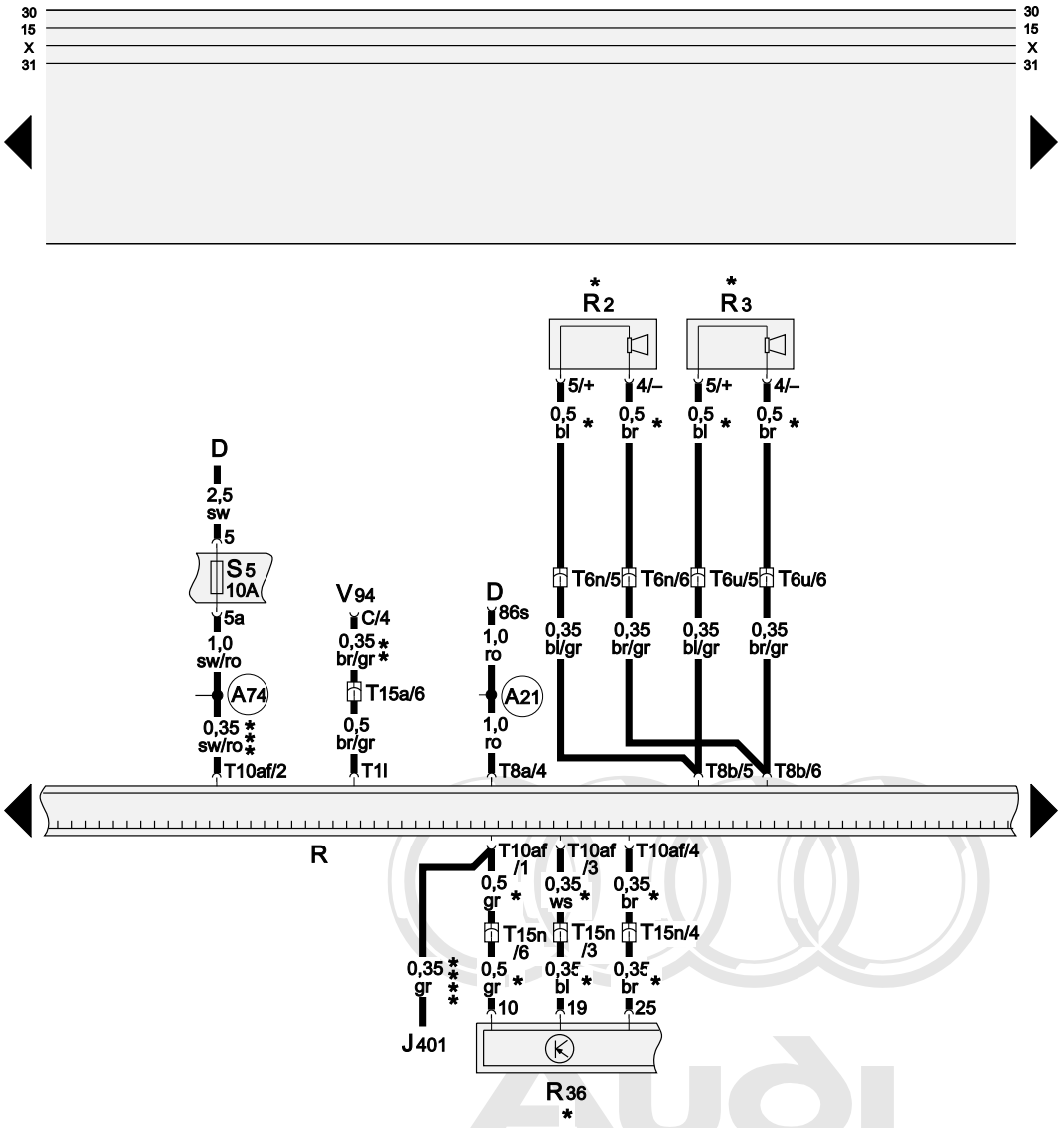


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Bose sound system, Audi Avant

R	Radio
R11	Aerial
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-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R43	Amplifier with bass loudspeaker (luggage compartment, right)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
V3	Connection (NF), in rear speaker wiring harness
*	Applies to radio Chorus, radio Concert only Note: CD changer refer to Current Flow Diagram 'Radio' Chorus, radio Concert, radio Symphony Only with CD changer

Audi
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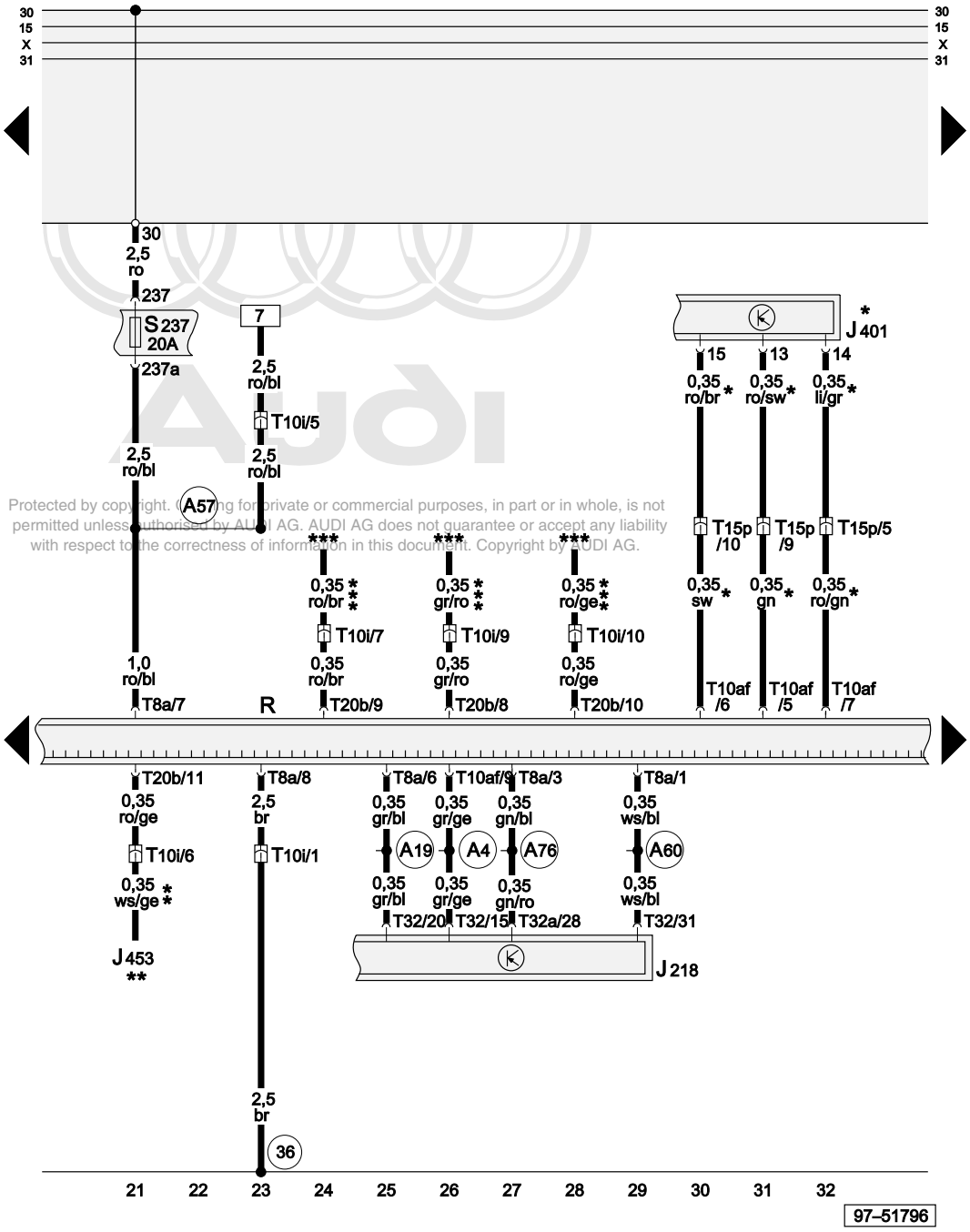


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Radio Bose sound system, Audi Avant

D	Ignition/starter switch
J401	Navigation system with CD drive control unit
R	Radio
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R36	Telephone transmitter and receiver unit
S5	Fuse in fuse box
T1l	Single connector, brown, on radio
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 III
T8b	8-pin connector, brown, radio connector II
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15a	15-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
A21	Connection (86s), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with telephone
**	Only models with anti-theft alarm system
***	Only models with navigation system
****	Only models with telephone and navigation system

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

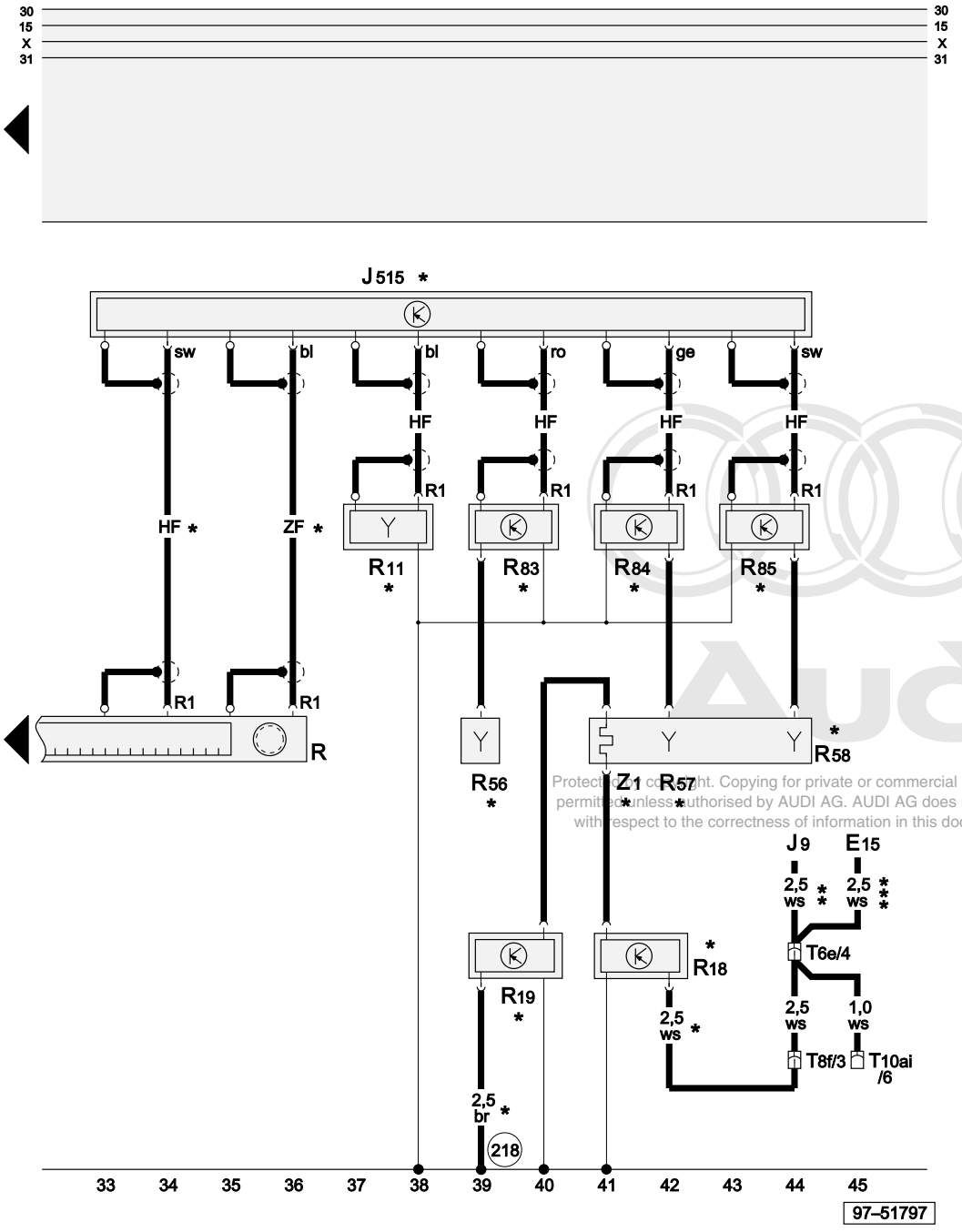


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Radio Bose sound system, Audi Avant

J218	Combi-processor in dash panel insert
J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
R	Radio
S237	Fuse in fuse box
T8a	8-pin connector, black, on radio III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
36	Earth point, near handbrake lever
A4	Positive (+) connection (58b), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30c), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with navigation system
**	Only models with multi-function steering wheel
***	Only models with radio navigation system

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

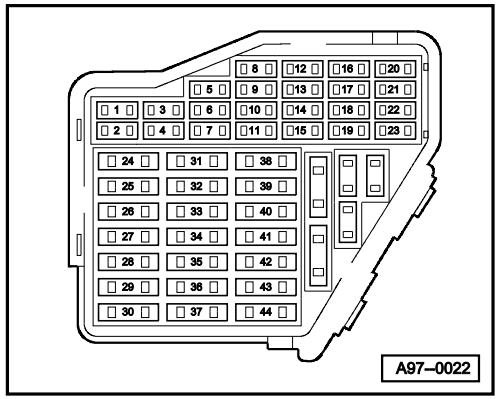
Radio Bose sound system, Audi Avant

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R	Radio
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R56	TV aerial -2-, in side window, left
R57	TV aerial -3-, in rear window
R58	TV aerial -4-, in rear window
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
Z1	Heated rear window
218	Earth connection -1- , in tailgate/bootlid wiring harness
*	Only models with radio Symphony (double DIN size)
**	Models without air conditioner
***	Only models with air conditioner

Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer

From model year 2000

Fuse box:

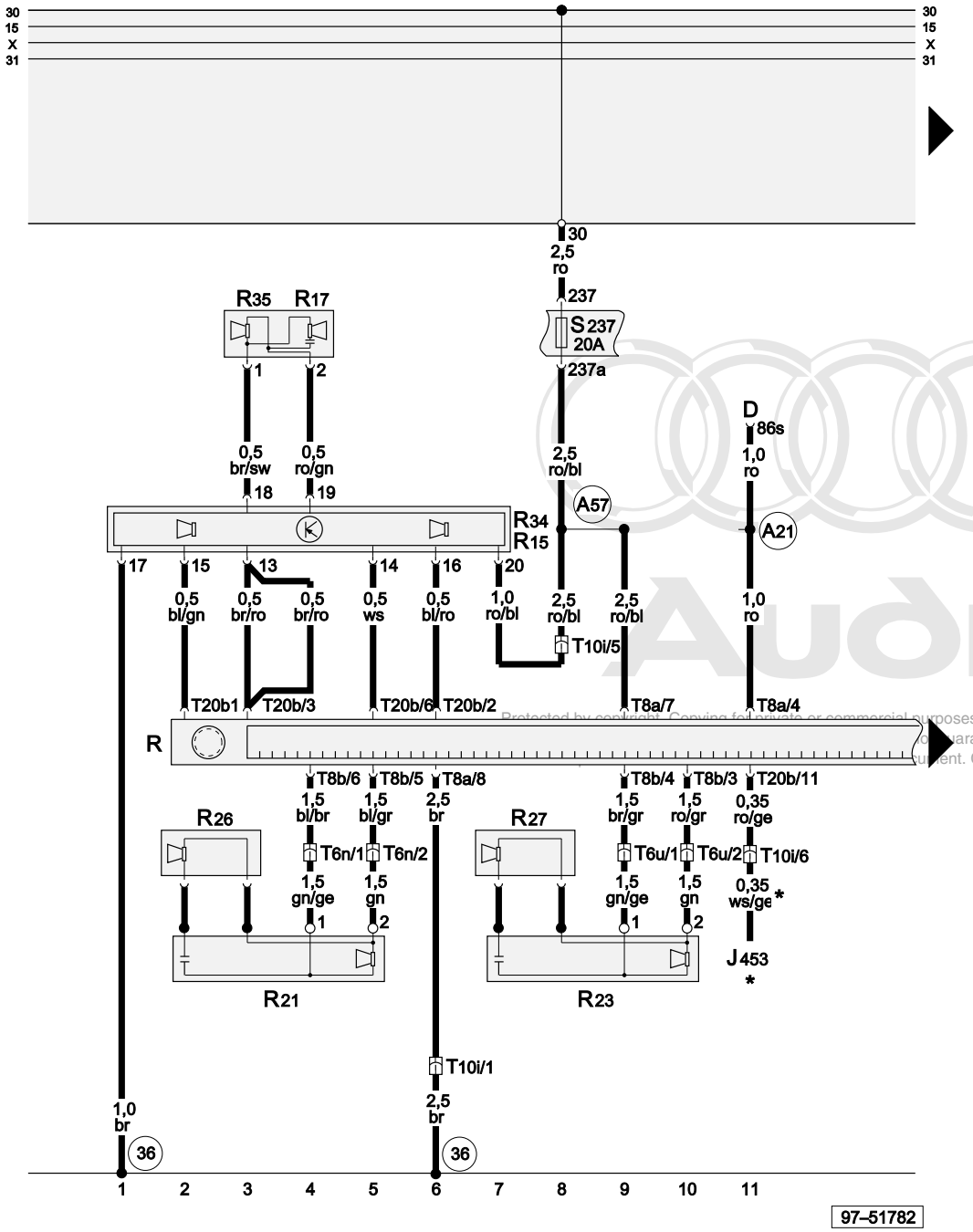


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

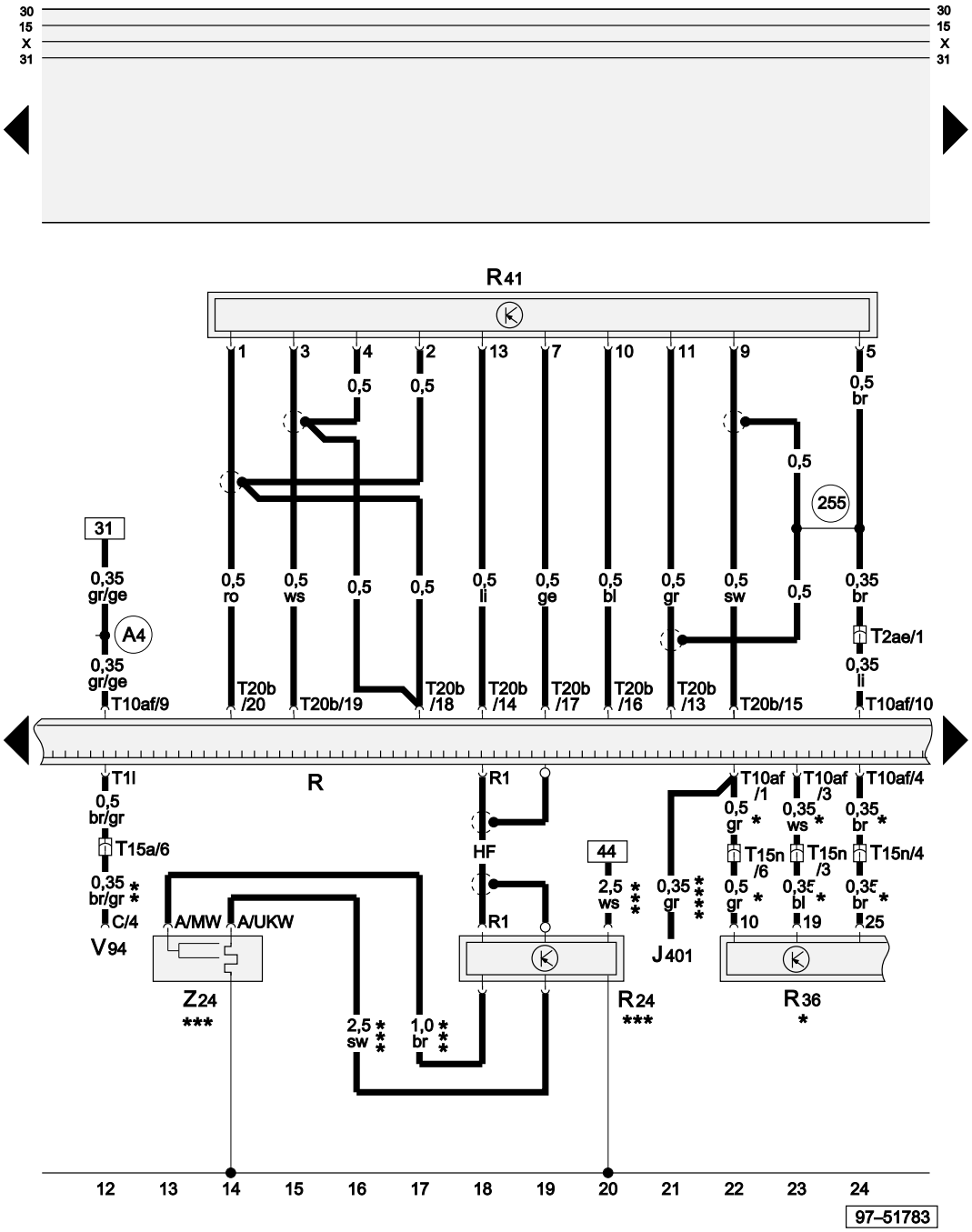


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Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer

D	Ignition/starter switch
J453	Multi-function steering wheel control unit
R	Radio
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-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
S237	Fuse in fuse box
T6n	6-pin connector, yellow, at A pillar, left
T6u	6-pin connector, yellow, at A pillar, right
T8a	8-pin connector, black, radio connector III
T8b	8-pin connector, brown, radio connector II
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
A21	Connection (86s), in dash panel wiring harness
A57	Connection (30c), in dash panel wiring harness
*	Only models with multi-function steering wheel

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



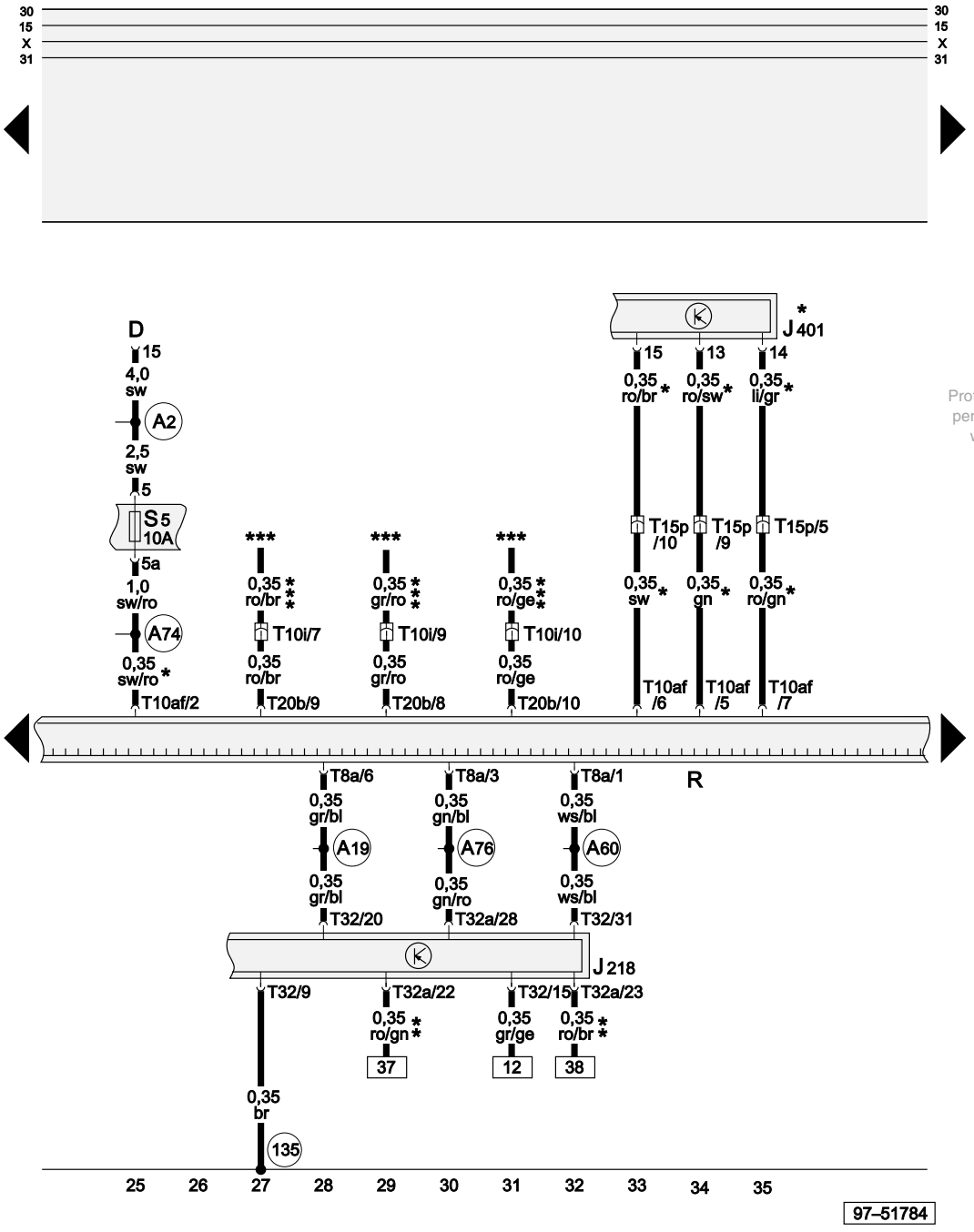
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer

J401	Navigation system with CD drive control unit
R	Radio
R1	Aerial connection
R24	Aerial amplifier
R36	Telephone transmitter and receiver unit
R41	CD changer
T1l	Single connector, brown, on radio
T2ae	2-pin connector, black, behind console
T10af	10-pin connector, red, radio connector IV
T15a	15-pin connector, black, right connector point, A pillar
T15n	15-pin connector, brown, in centre console
T20b	20-pin connector, black, radio connector I
V94	Central locking motor with control unit for interior lights switch-off delay
Z24	Heated rear window with window aerial
255	Earth connection -1-, in radio wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness

* Only models with telephone
** Only models with anti-theft alarm system
*** Applies to radio Concert, radio Chorus only
**** Only models with telephone and navigation system

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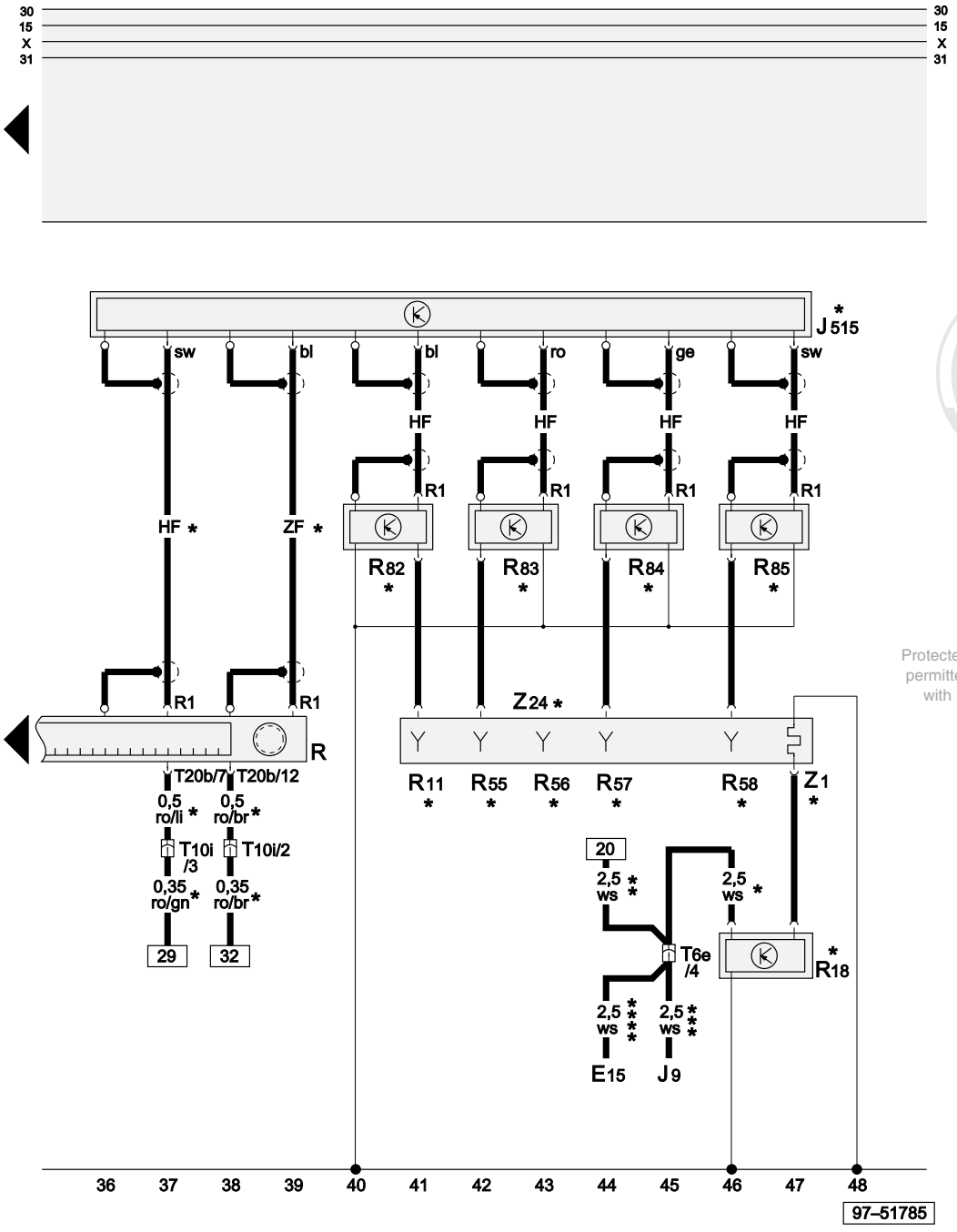


Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer

D	Ignition/starter switch
J218	Combi-processor in dash panel insert
J401	Navigation system with CD drive control unit
R	Radio
S5	Fuse in fuse box
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, 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
A60	Connection (vehicle speed signal), 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 navigation system
**	Only models with radio Symphony (double DIN size)
***	Only with radio navigation system RNS

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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 Chorus, radio Concert, radio Symphony (double DIN size) with CD changer

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R	Radio
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R55	TV aerial -1-, in side window, right
R56	TV aerial -2-, in side window, left
R57	TV aerial -3-, in rear window
R58	TV aerial -4-, in rear window
R82	Aerial amplifier 1, TV
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
Z1	Heated rear window
Z24	Heated rear window with window aerial
*	Only models with radio Symphony (double DIN size)
**	Applies to radio Concert, radio Chorus only
***	Models without air conditioner
****	Only models with air conditioner

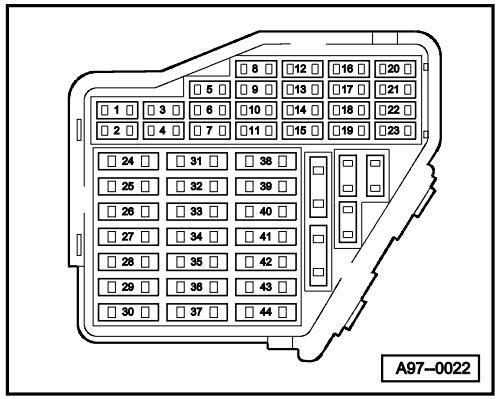
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer, Audi Avant

From model year 2000

Fuse box:

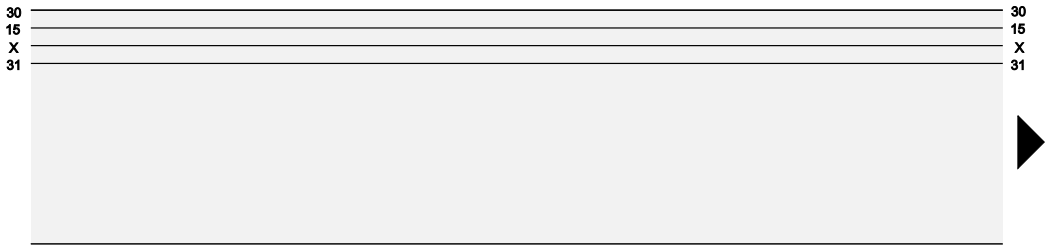


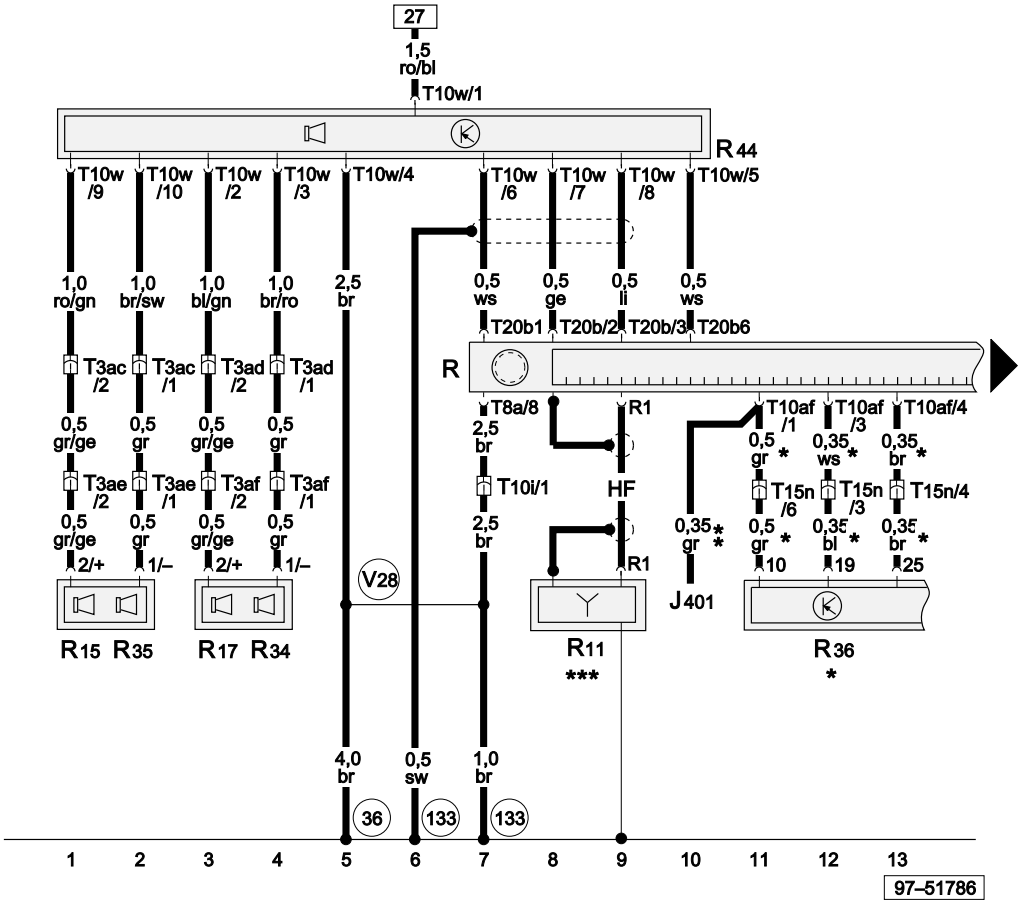
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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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



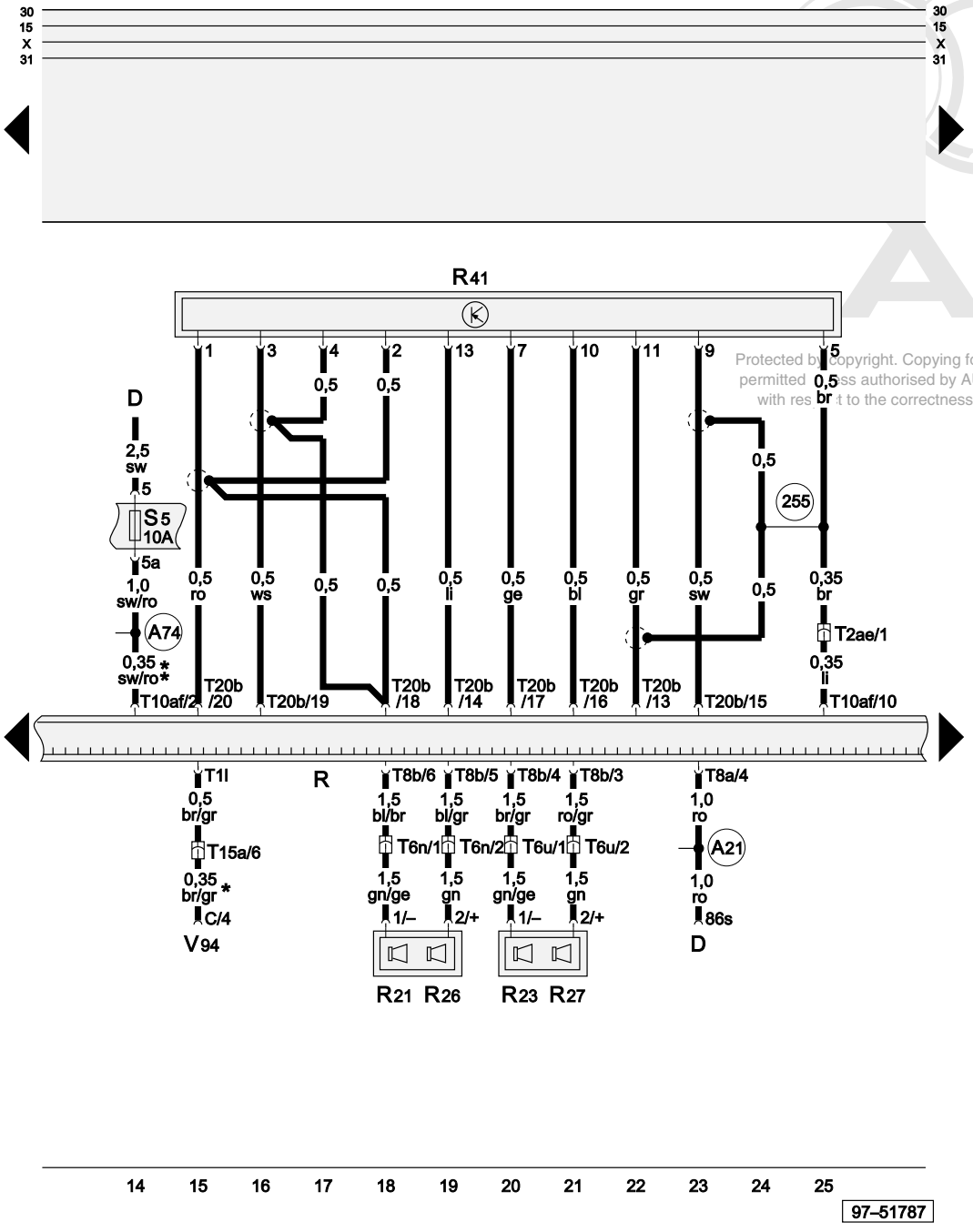


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer, Audi Avant

J401	Navigation system with CD drive control unit
R	Radio
R11	Aerial
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R36	Telephone transmitter and receiver unit
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T10i	10-pin connector, black, in centre console
T10w	10-pin connector, red, in luggage compartment, left
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
133	Earth connection, in loudspeaker wiring harness
V28	Connection -1-, in radio wiring harness
*	Only models with telephone
**	Only models with telephone and navigation system
***	Applies to radio Chorus, radio Concert only

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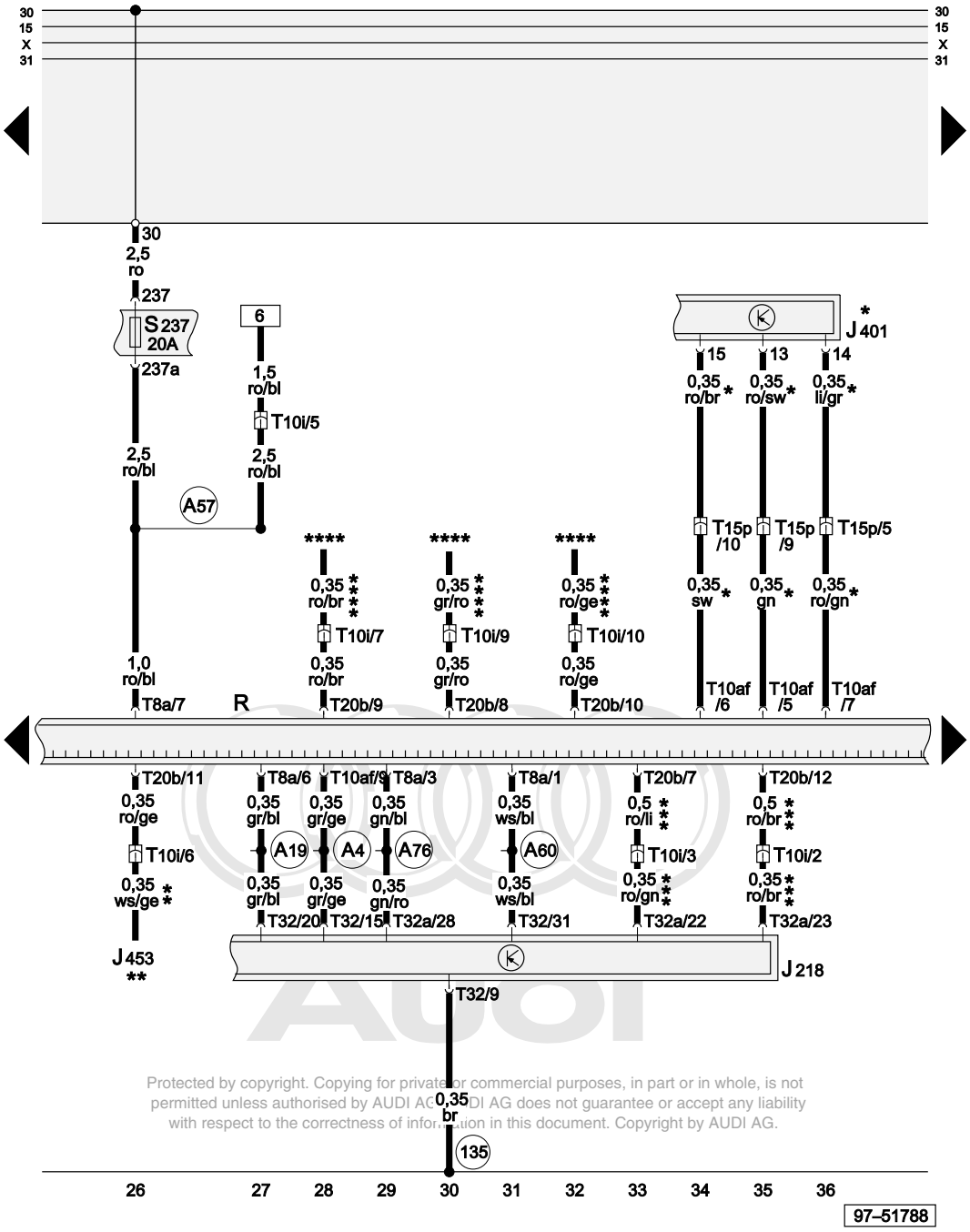


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Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer, Audi Avant

D	Ignition/starter switch
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
R41	CD changer
S5	Fuse in fuse box
T1l	Single connector, brown, on radio
T2ae	2-pin connector, black, behind console
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 III
T8b	8-pin connector, brown, radio connector II
T10af	10-pin connector, red, radio connector IV
T15a	15-pin connector, black, right connector point, A pillar
T20b	20-pin connector, black, radio connector I
V94	Central locking motor with control unit for interior lights switch-off delay
255	Earth connection -1-, in radio wiring harness
A21	Connection (86s), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with anti-theft alarm system
**	Only models with navigation system

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

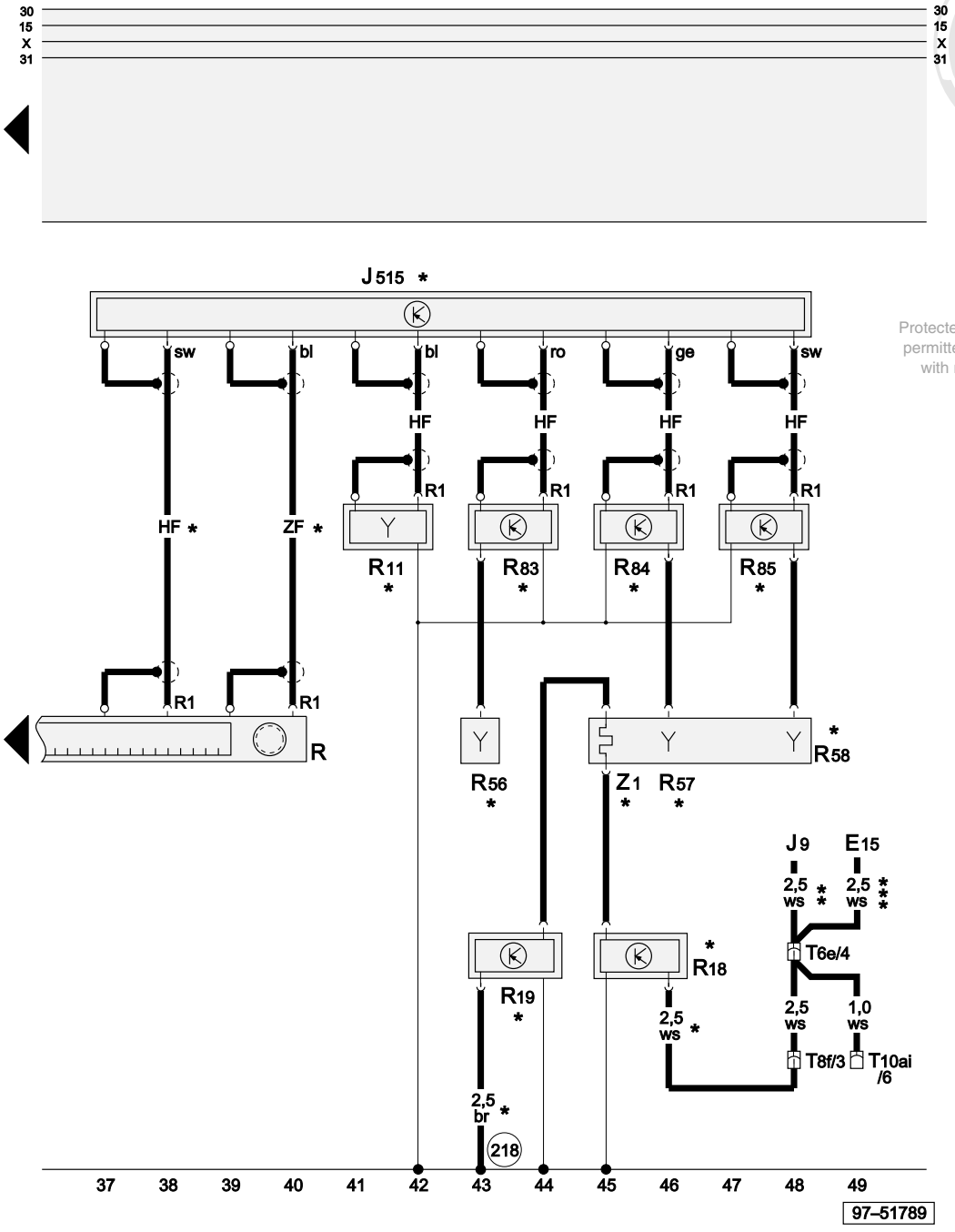


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gn = green
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer, Audi Avant

J218	Combi-processor in dash panel insert
J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
R	Radio
S237	Fuse in fuse box
T8a	8-pin connector, black, on radio III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A4	Positive (+) connection (58b), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A57	Connection (30c), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with navigation system
**	Only models with multi-function steering wheel
***	Only models with radio Symphony (double DIN size)
****	Only models with radio navigation system



Radio Chorus, radio Concert, radio Symphony (double DIN size) with CD changer, Audi Avant

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R	Radio
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R56	TV aerial -2-, in side window, left
R57	TV aerial -3-, in rear window
R58	TV aerial -4-, in rear window
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
Z1	Heated rear window
218	Earth connection -1- , in tailgate/bootlid wiring harness
*	Only models with radio Symphony (double DIN size)
**	Models without air conditioner
***	Only models with air conditioner

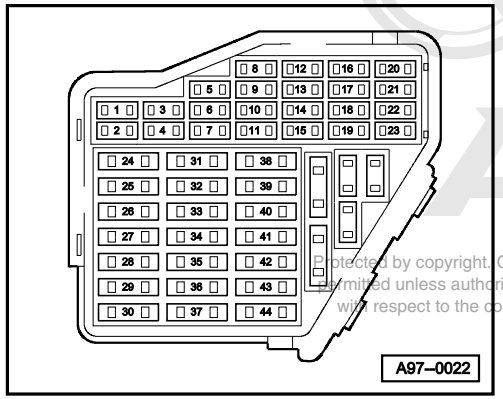
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Telephone - "Nokia"

From model year 2000

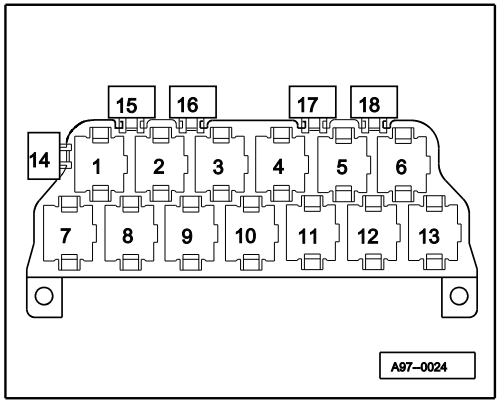
Fuse box



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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:

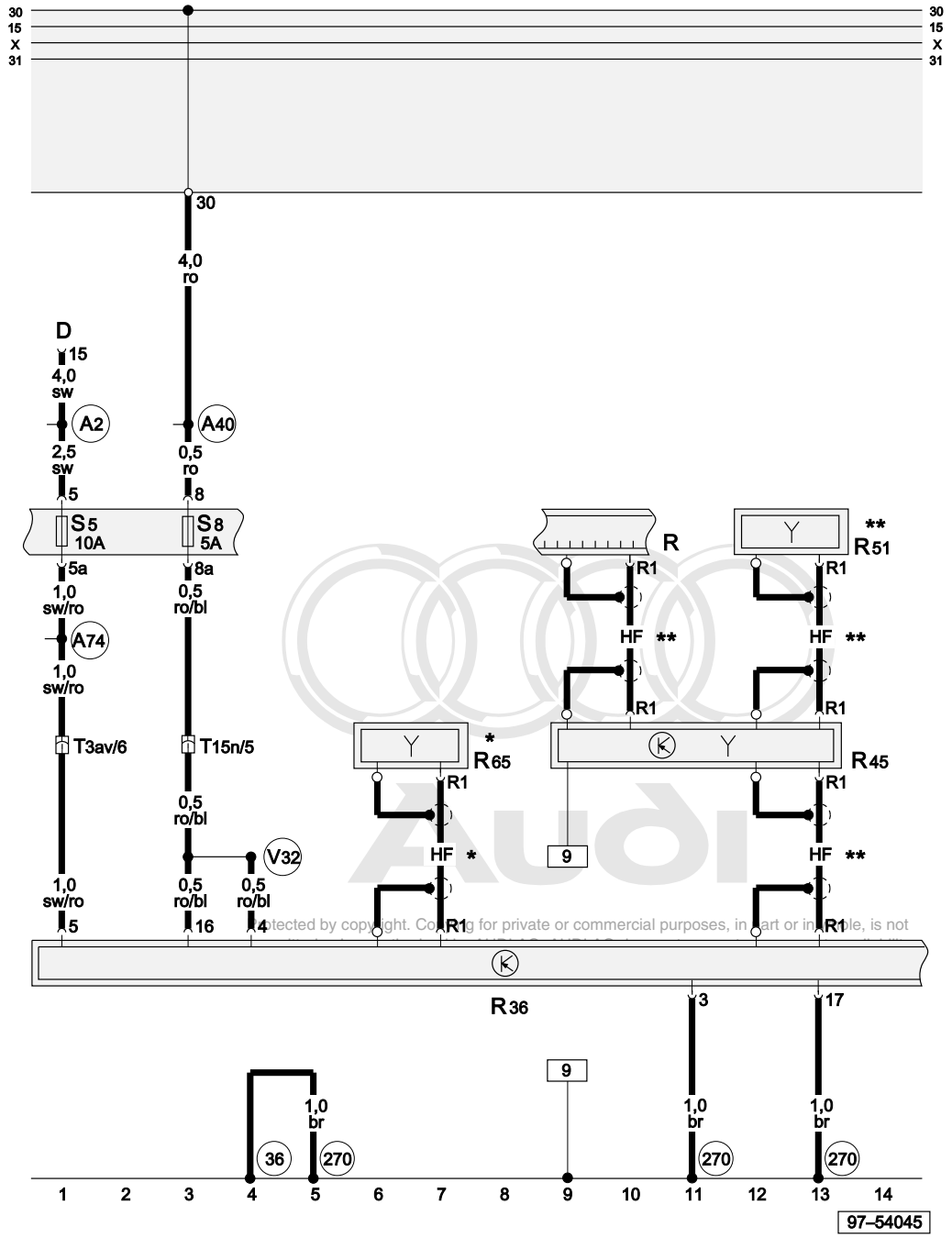
2 - Multi-function steering wheel control unit
3 - Multi-function steering wheel control unit

Fuse colours:

30 A - green
25 A - white

20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige

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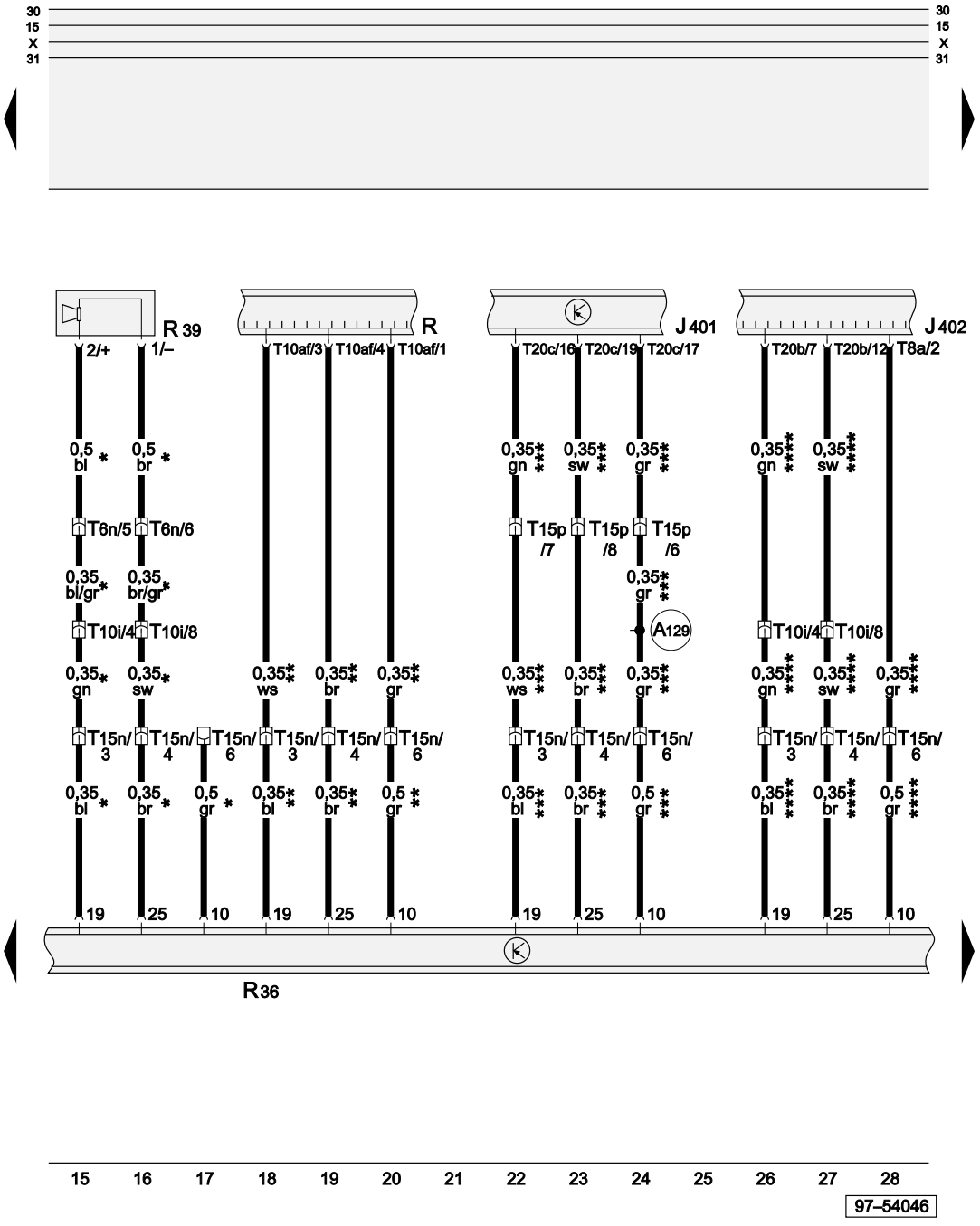


Audi
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Telephone transmitter and receiver unit, voltage supply, aerials

D	Ignition/starter switch
R	Radio
R1	Aerial connection
R36	Telephone transmitter and receiver unit
R45	Aerial amplifier (telephone/radio)
R51	Radio/telephone/auxiliary heater aerial
R65	Telephone aerial
S5	Fuse in fuse box/relay plate
S8	Fuse in fuse box/relay plate
T3av	3-pin connector, brown, in centre console
T15n	15-pin connector, brown, in centre console
36	Earth point, near handbrake lever
270	Earth connection, in telephone wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
V32	Positive (+) connection (30), in telephone wiring harness
*	Telephone (rod aerial on models with insulating glass)
**	Telephone and radio (rod aerial on models with insulating glass)

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

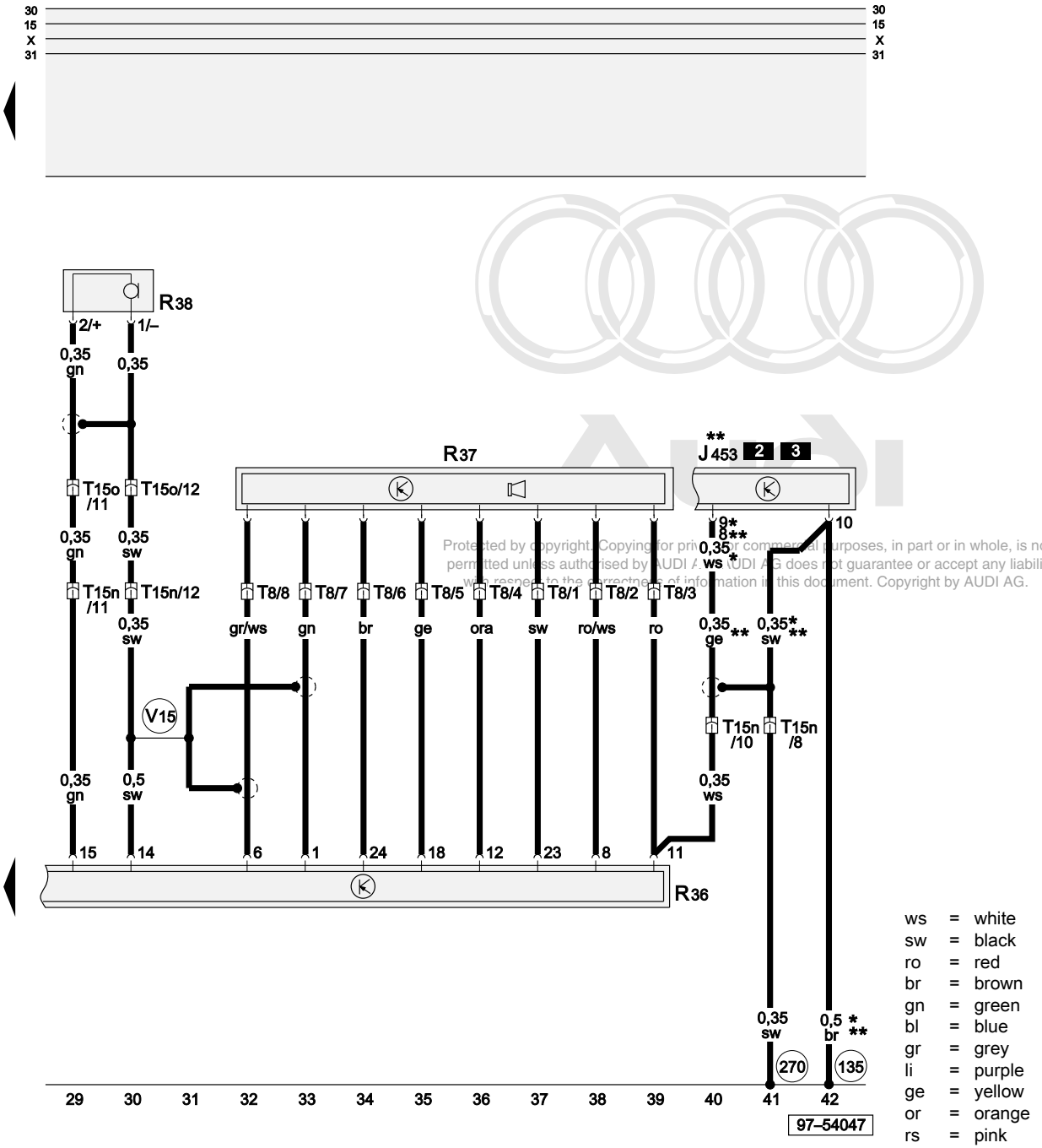


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Telephone transmitter and receiver unit, loudspeaker

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
R	Radio
R36	Telephone transmitter and receiver unit
R39	Telephone/navigation systems loudspeaker
T6n	6-pin connector, green, at A pillar, left
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T20c	20-pin connector, black, on navigation control unit
A129	Connection (muting), in dash panel wiring harness
*	Only models without radio
**	Only models with radio
***	Only models with navigation system
****	Only models with radio navigation system

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

Telephone transmitter and receiver unit, telephone handset, telephone microphone, multi-function steering wheel control unit

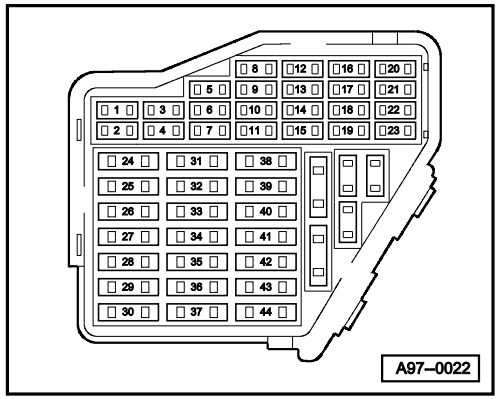
J453	Multi-function steering wheel control unit
R36	Telephone transmitter and receiver unit
R37	Telephone handset
R38	Telephone microphone
T8	8-pin connector, on telephone handset
T15n	15-pin connector, brown, in centre console
T15o	15-pin connector, grey, left connector point, A pillar
135	Earth connection -2-, in dash panel wiring harness
270	Earth connection, in telephone wiring harness
V15	Connection, in telephone wiring harness
*	Only models with multi-function steering wheel
**	Only models with multi-function steering wheel (provision for telephone)

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Navigation system

From model year 2000

Fuse box

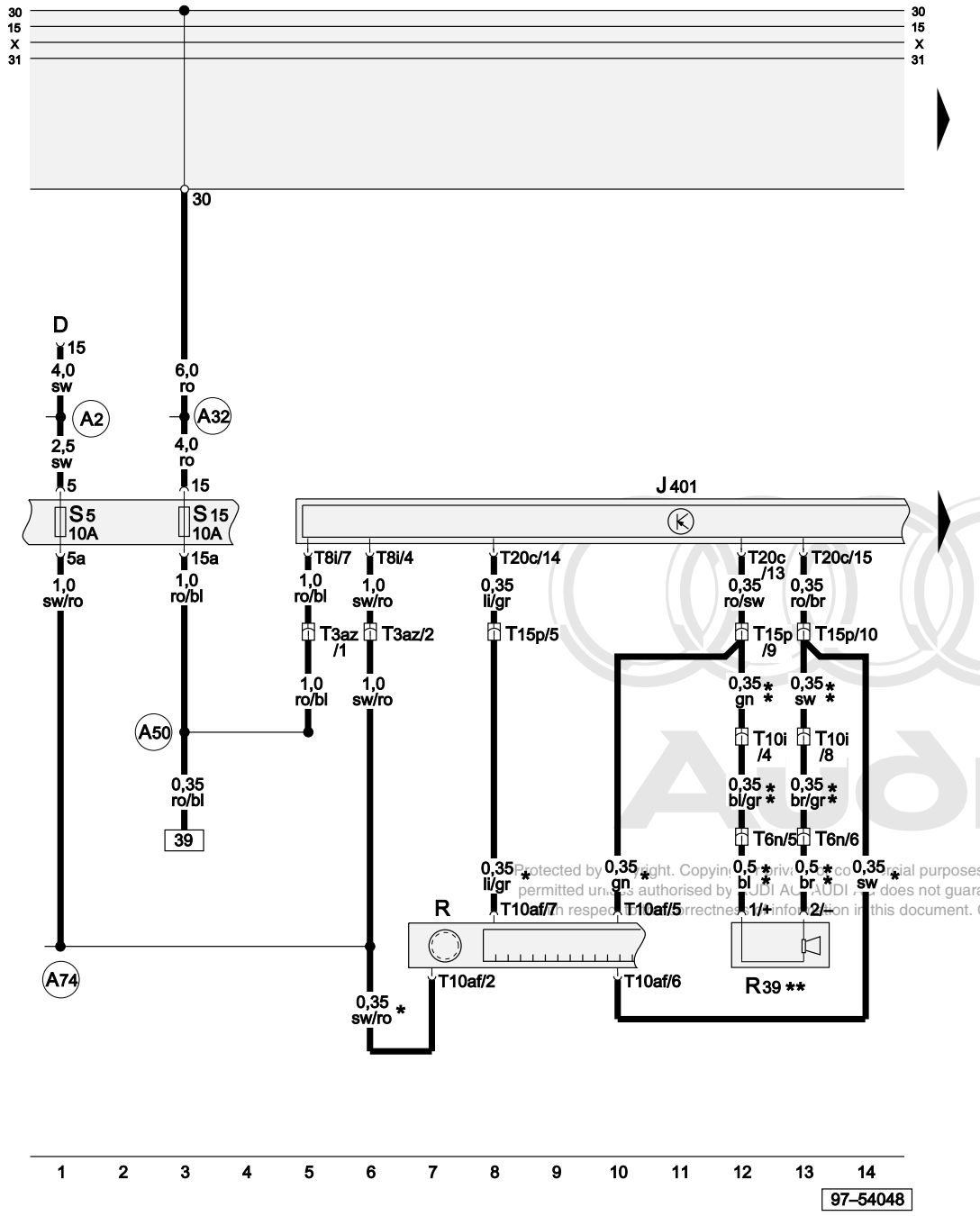


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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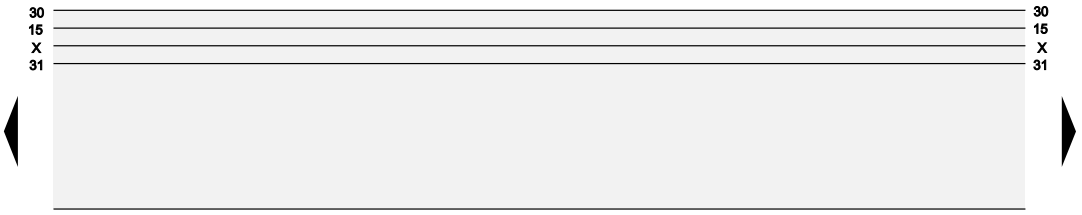


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ge = yellow
or = orange
rs = pink

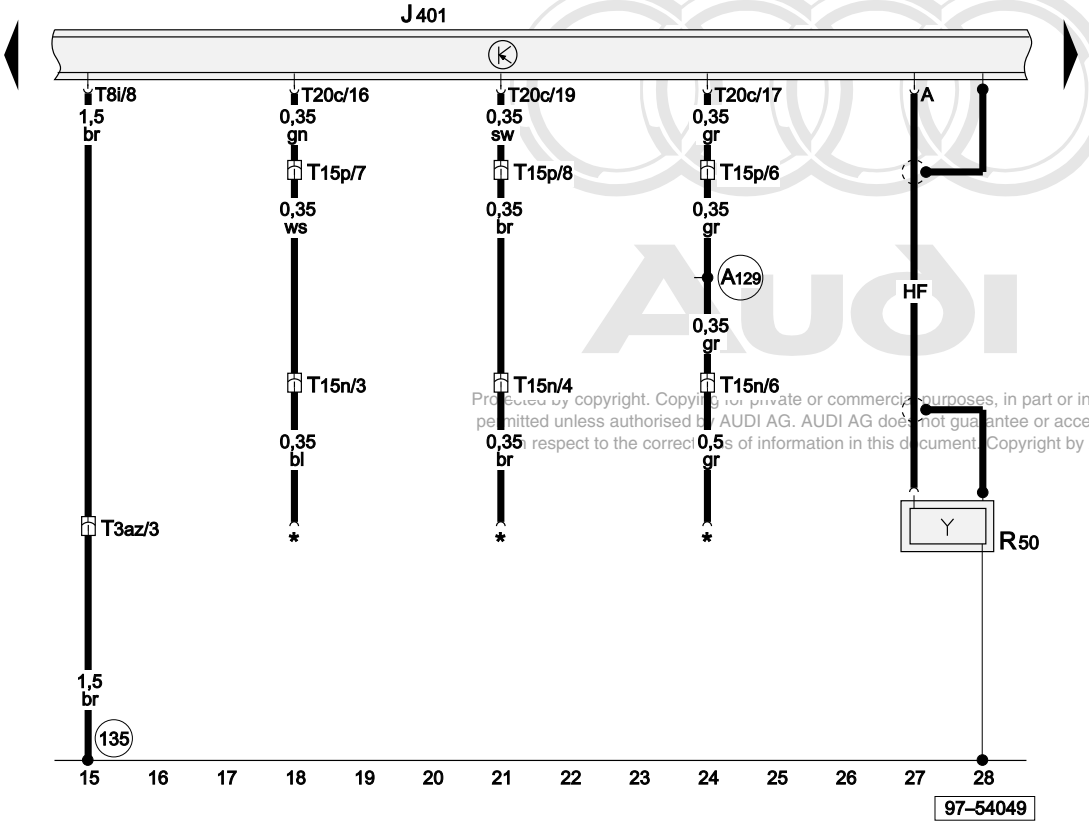
Navigation system with CD drive control unit, voltage supply, loudspeaker

D	Ignition/starter switch
J401	Navigation system with CD drive control unit
R	Radio
R39	Telephone/navigation systems loudspeaker
S5	Fuse in fuse box/relay plate
S15	Fuse in fuse box/relay plate
T3az	3-pin connector, red, behind dash panel, left
T6n	6-pin connector, green, at A pillar, left
T8i	8-pin connector, black, on navigation control unit
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15p	15-pin connector, red, behind dash panel, left
T20c	20-pin connector, black, on navigation control unit
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	Connection (15a, fuse 5), in dash panel wiring harness
*	Only models with radio
**	Only models without radio



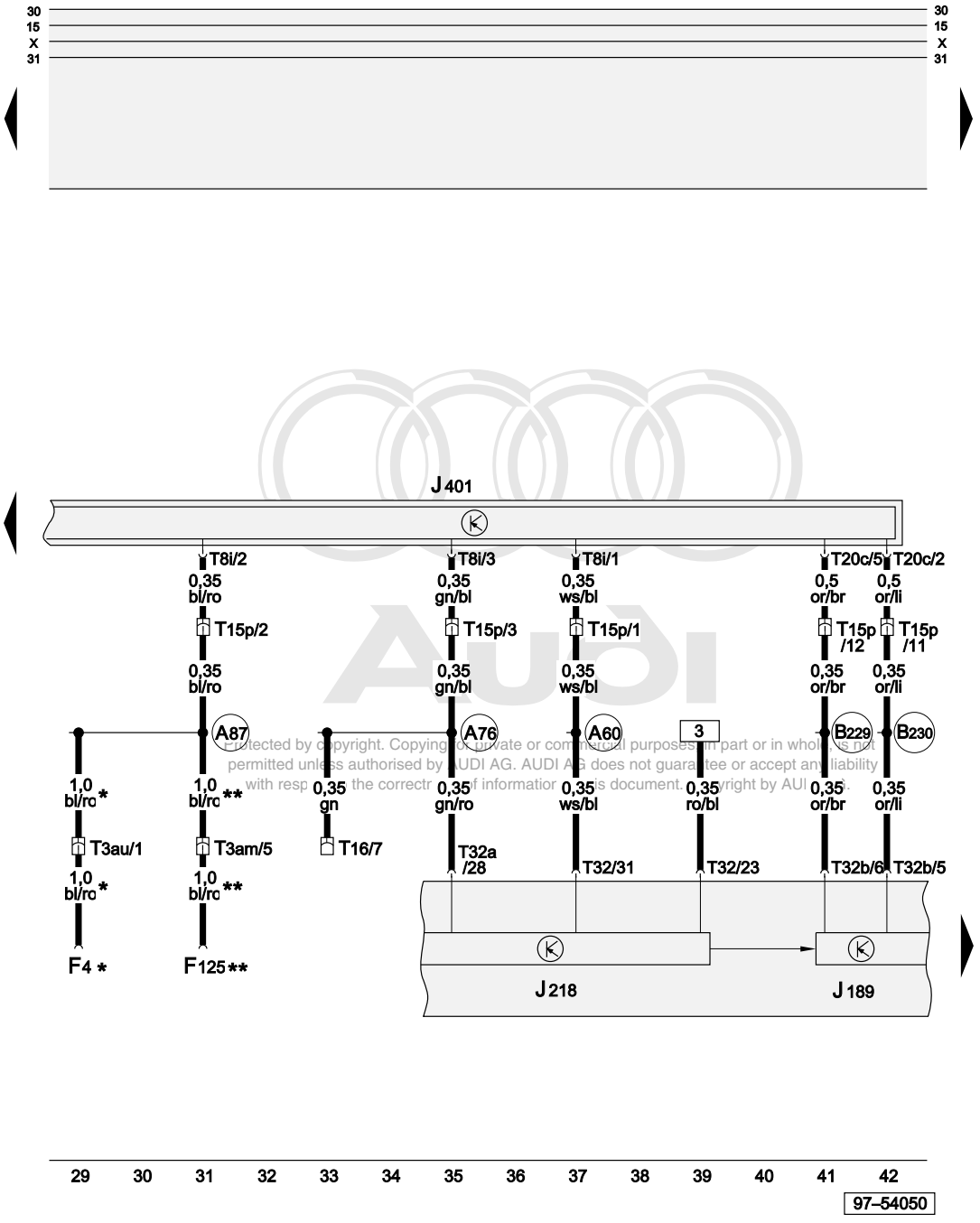
Navigation system with CD drive control unit, navigation aerial (GPS)

J401	Navigation system with CD drive control unit
R50	Navigation aerial (GPS)
T3az	3-pin connector, red, behind dash panel, left
T8i	8-pin connector, black, on navigation control unit
T15n	15-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20c	20-pin connector, black, on navigation control unit
135	Earth connection -2-, in dash panel wiring harness
A129	Connection (muting), in dash panel wiring harness
*	See applicable Current Flow Diagram: Telephone/telematics



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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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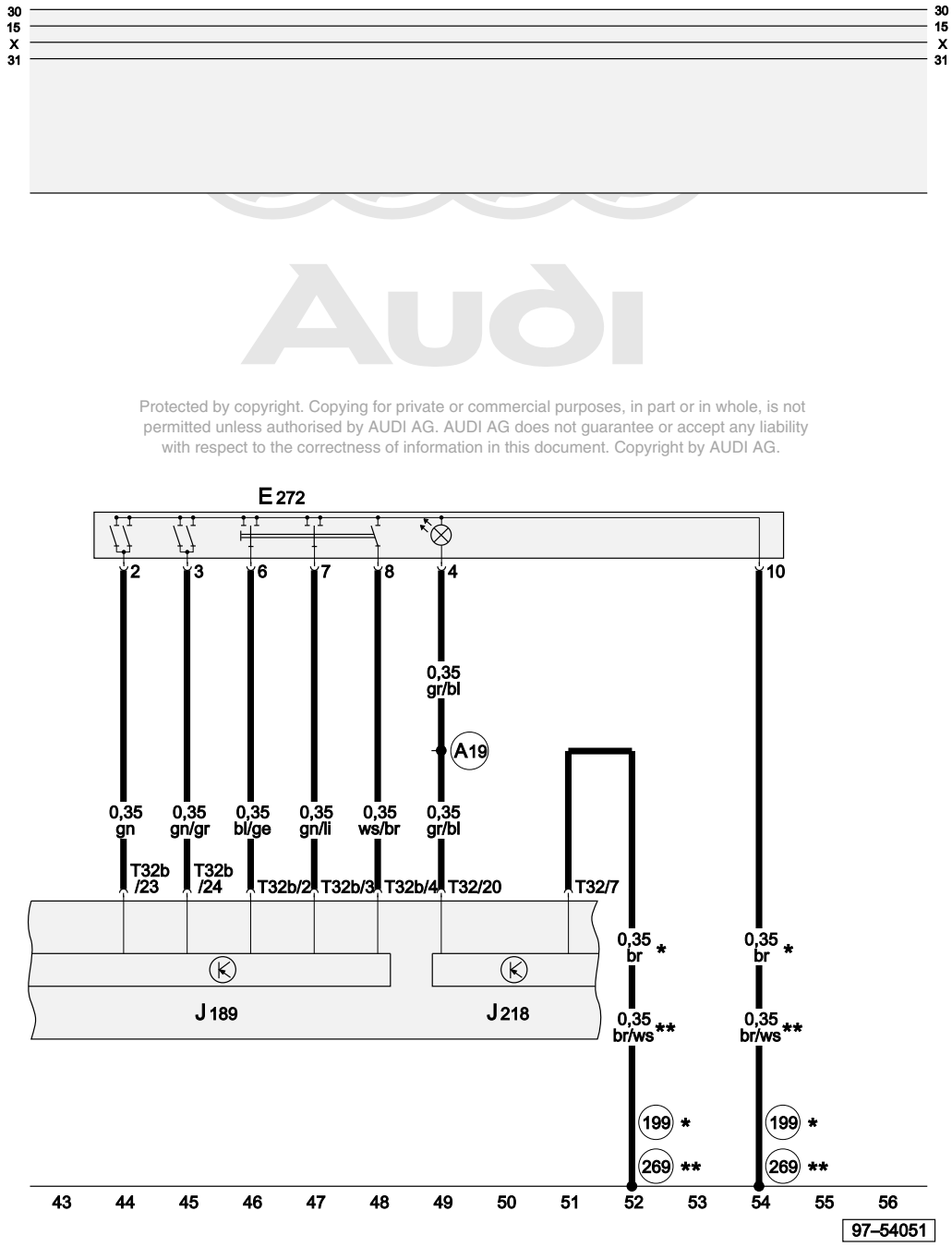


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Navigation system with CD drive control unit, reversing light switch, diagnostic connector, auto-check system, dash panel insert

F4	Reversing light switch
F125	Multi-function switch
J401	Navigation system with CD drive control unit
J189	Auto-check system
J218	Combi-processor in dash panel insert
T3am	3-pin connector, brown, right connector point, A pillar
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T8i	8-pin connector, black, on navigation control unit
T15p	15-pin connector, red, behind dash panel, left
T16	16-pin connector, diagnostic connector
T20c	20-pin connector, black, on navigation control unit
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with manual gearbox
**	Only models with automatic gearbox



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Auto-check system, dash panel insert, function selection switch II

E272	Function selection switch II
J189	Auto-check system
J218	Combi-processor in dash panel insert
T32	32-pin connector, blue, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
199	Earth connection -3-, in dash panel wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
*	Applicable up to 1999 model year
**	Applicable from model year 2000

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

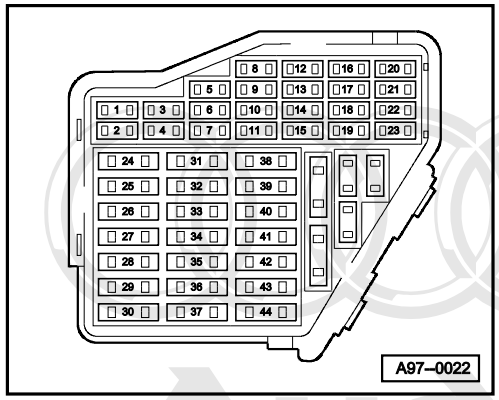
1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code AJM

From model year 2000

1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code ATJ

From model year 2000

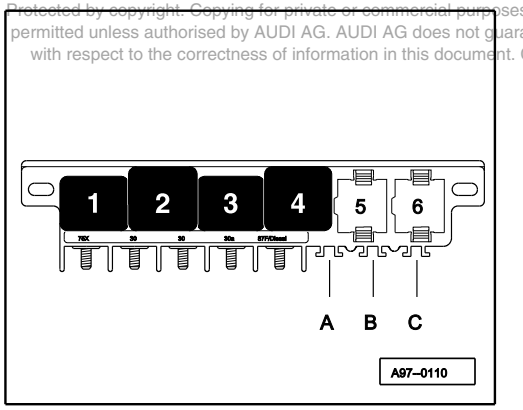
Fuse box:



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

Micro-central electrics:

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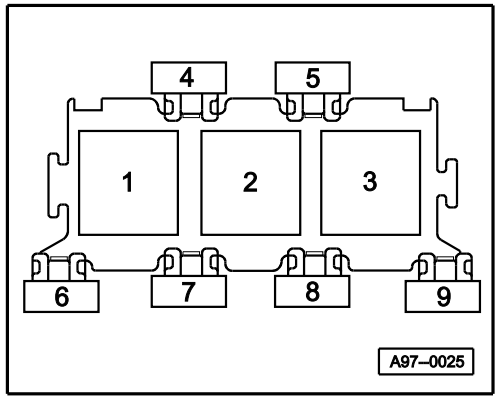
Position of relays:

2 - X contact relief relay
4 - Relay for glow plugs

Fuse colours:

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

3-point relay carrier:



Position of relays:

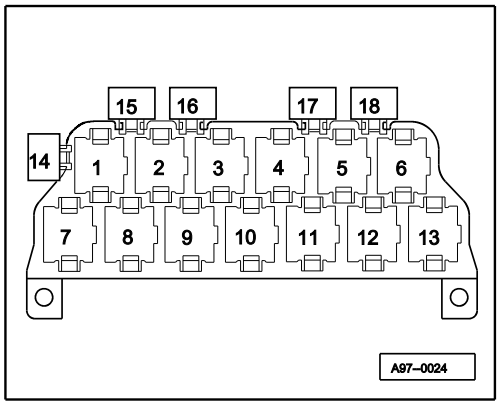
1 - High heat output relay
2a - Low heat output relay **
2b - Fuel cooling pump relay **
3 - Diesel direct injection system relay

Position of fuses:

5 - Engine control unit fuse
7 - Fuse for coolant heater elements
8 - Fuse 2 for coolant heater elements
9 - Fuse for glow plugs - engine
10 - Fuel cooling pump fuse *

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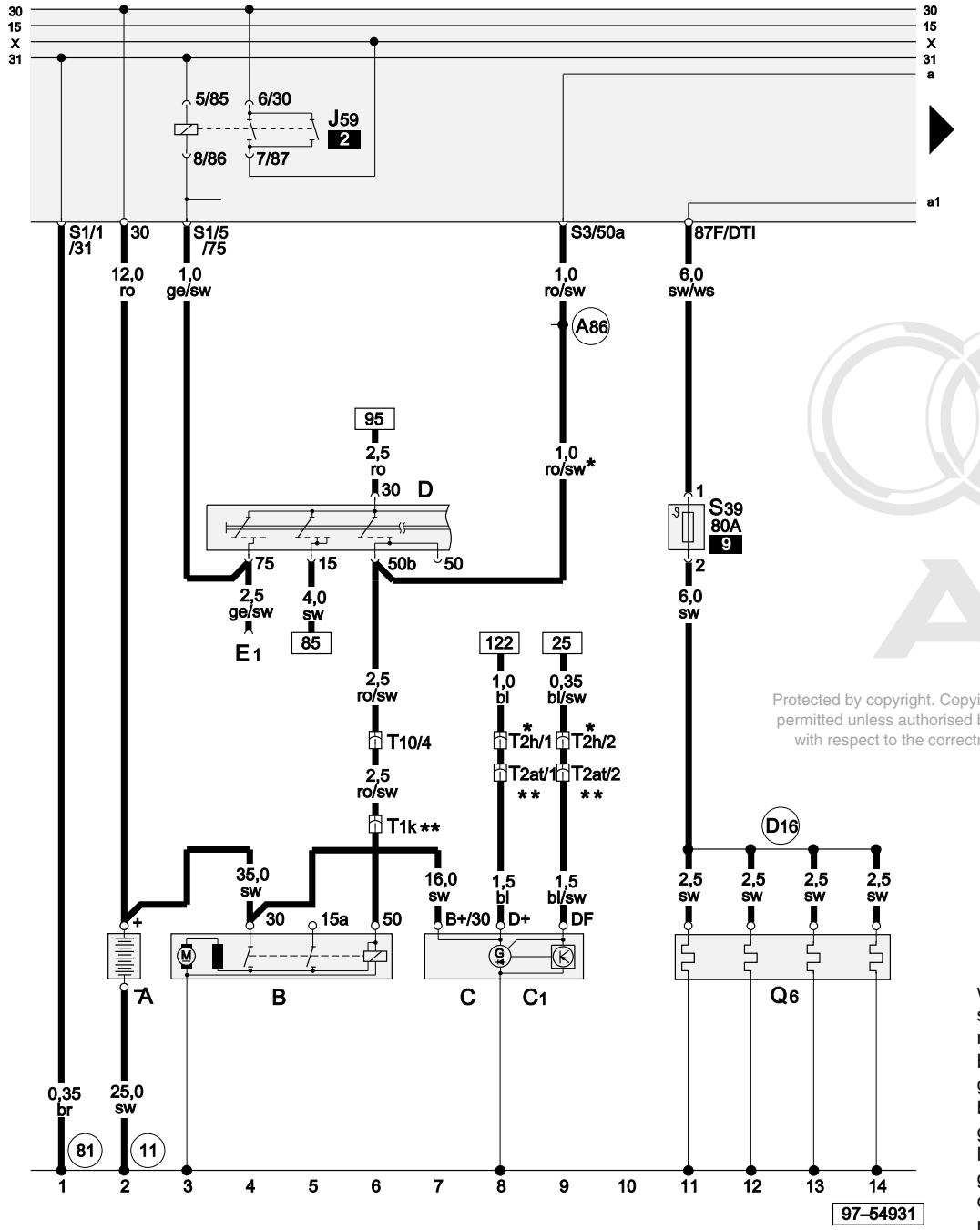
13-point relay carrier:



Position of relays:

10 - Fuel pump relay

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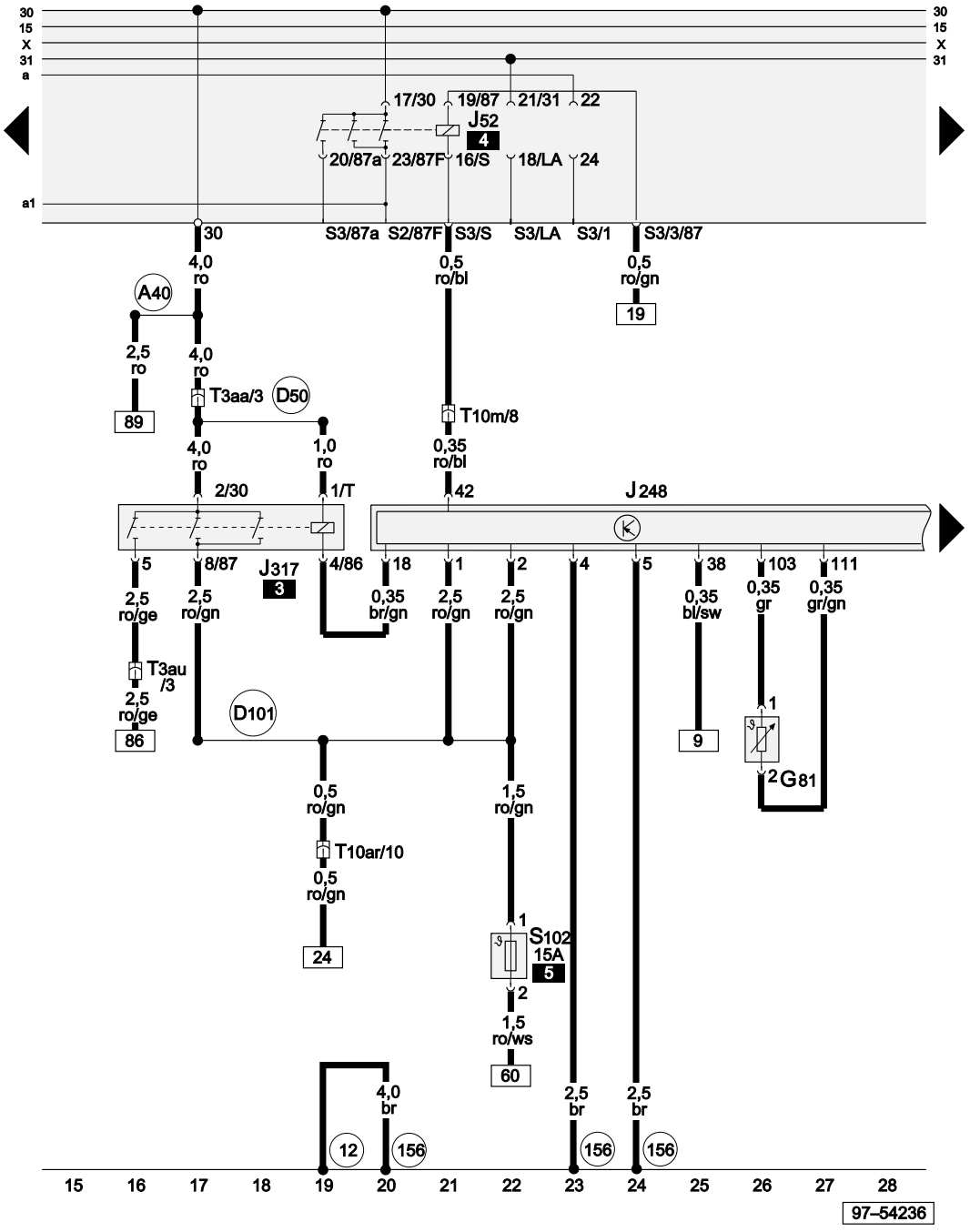


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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
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or = orange
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Battery, starter, alternator, glow plugs

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
E1	Lighting switch
J59	X contact relief relay
Q6	Glow plugs - (engine)
S39	Strip fuse for glow plugs - (engine)
T1k	Single connector, black, in engine compartment, right
T2h	2-pin connector, blue, in engine compartment
T2at	2-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
81	Earth connection -1-, in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
D16	Connection (glow plugs), in front right wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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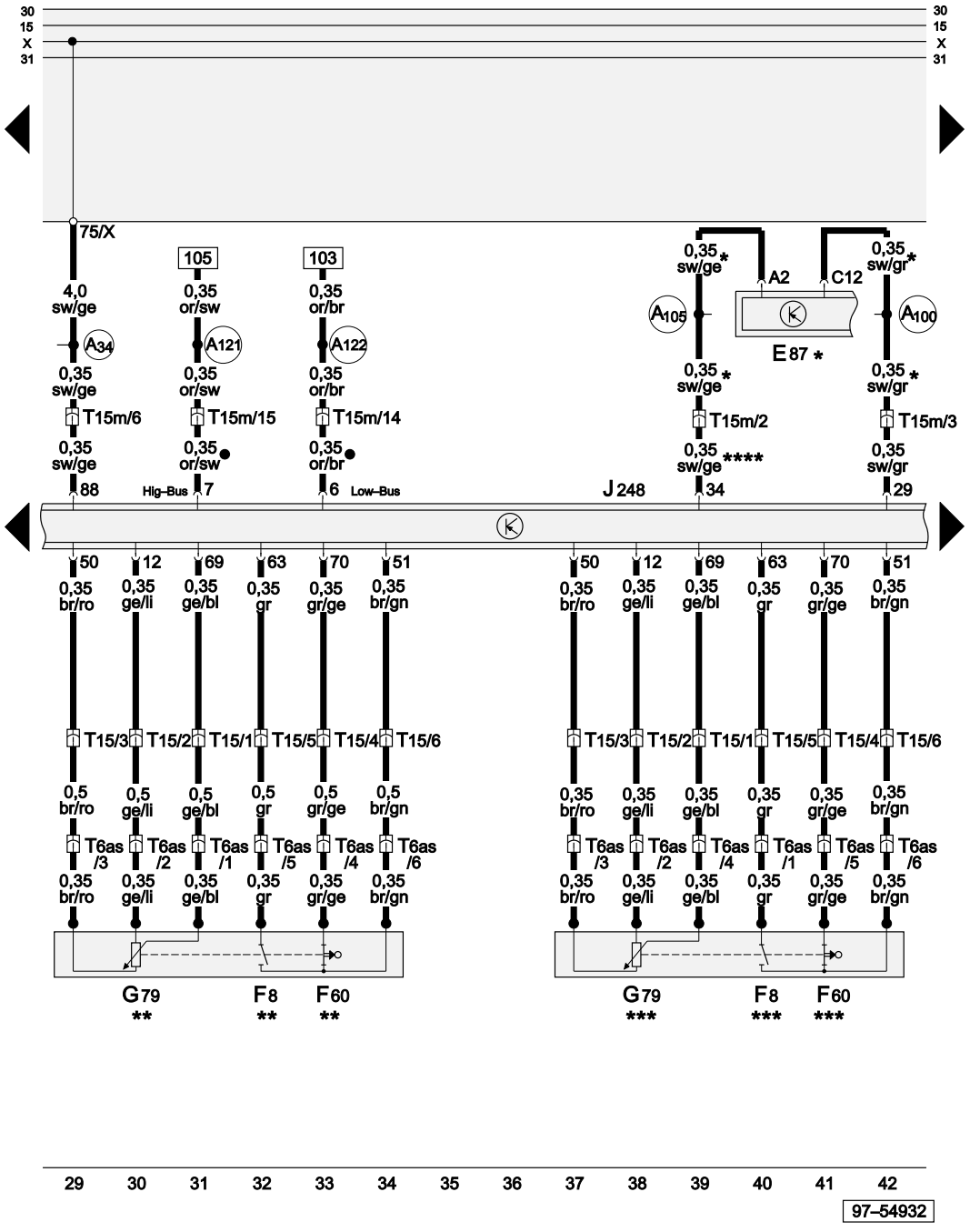


Diesel direct injection system control unit, fuel temperature sender, relay for glow plugs, diesel direct injection system relay

G81	Fuel temperature sender
J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
S102	Engine control unit fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
12	Earth point, in engine compartment, left
156	Earth connection, in diesel direct injection wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
D101	Connection -1-, in engine compartment wiring harness

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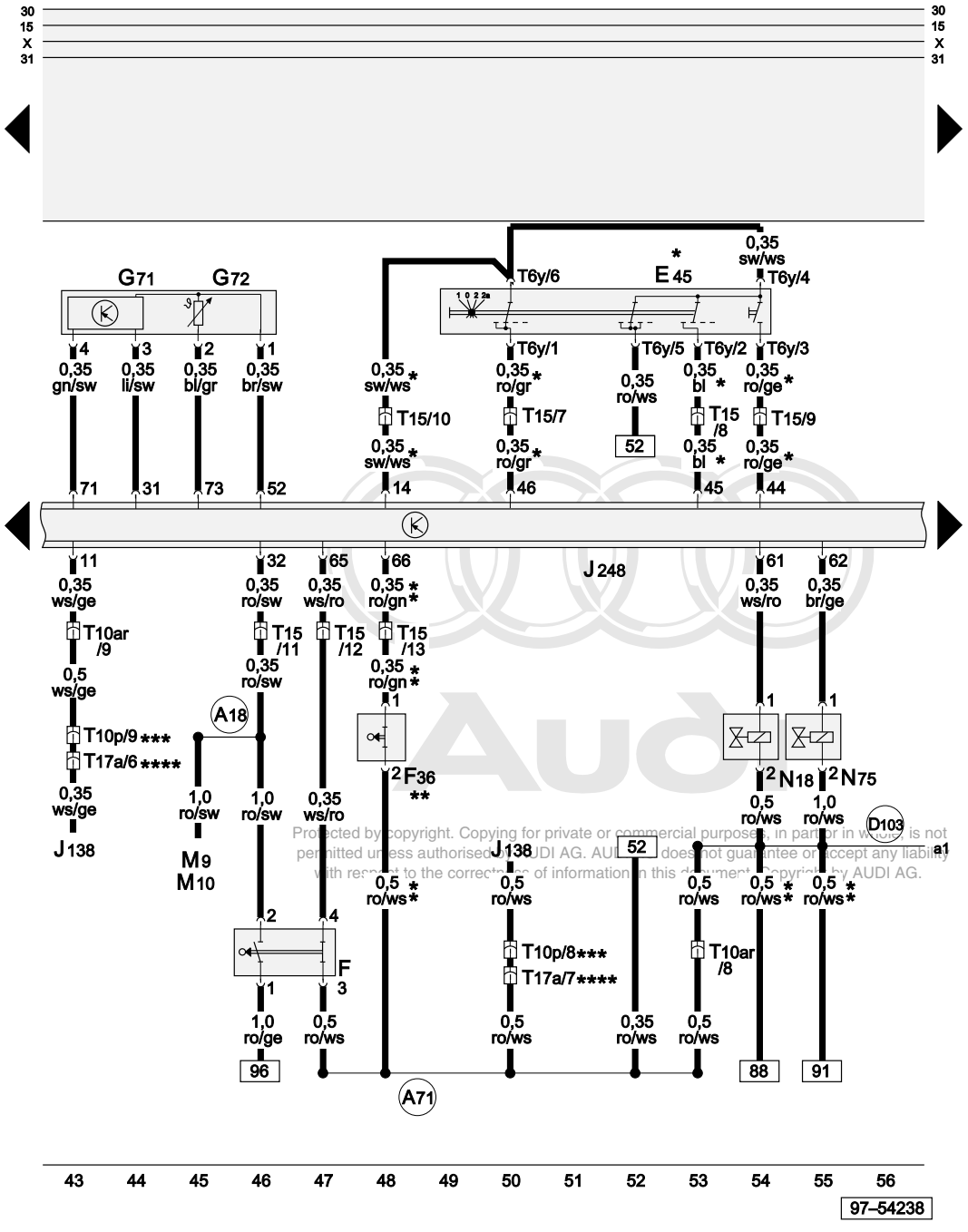
Diesel direct injection system control unit, accelerator pedal position sender

E87	Control and display unit for air conditioner/Climatronic
F8	Kick-down switch
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T6as	6-pin connector, black, near accelerator pedal position sender
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A34	Connection (75x), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with air conditioner
**	Applicable up to model year 2000
***	Applicable from model year 2001 (phased-in modification)
****	Only models with automatic gearbox
•	CAN bus (data wire)

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gn	=	green
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Audi

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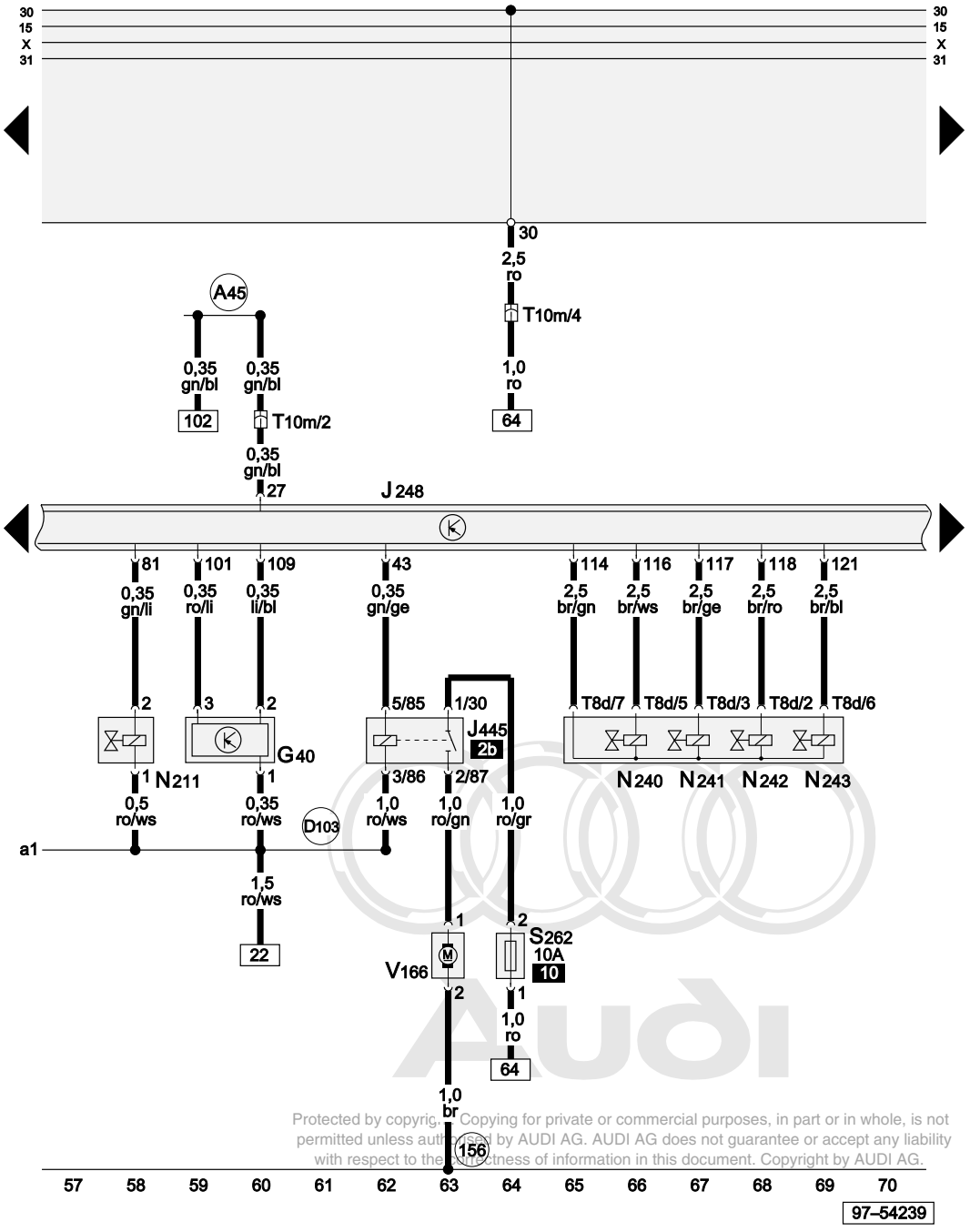


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Diesel direct injection system control unit, intake manifold pressure sender, intake manifold temperature sender, cruise control system switch, exhaust gas recirculation valve, charge pressure control solenoid valve

E45	Cruise control system switch
F	Brake light switch
F36	Clutch pedal switch
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J138	Radiator fan run-on control unit
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
T6y	6-pin connector, black, next to steering column
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
A18	Connection (54), in dash panel wiring harness
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Only models with cruise control system
**	Does not apply to automatic gearbox
***	Applicable up to August 2000
****	Applicable from September 2000 onwards

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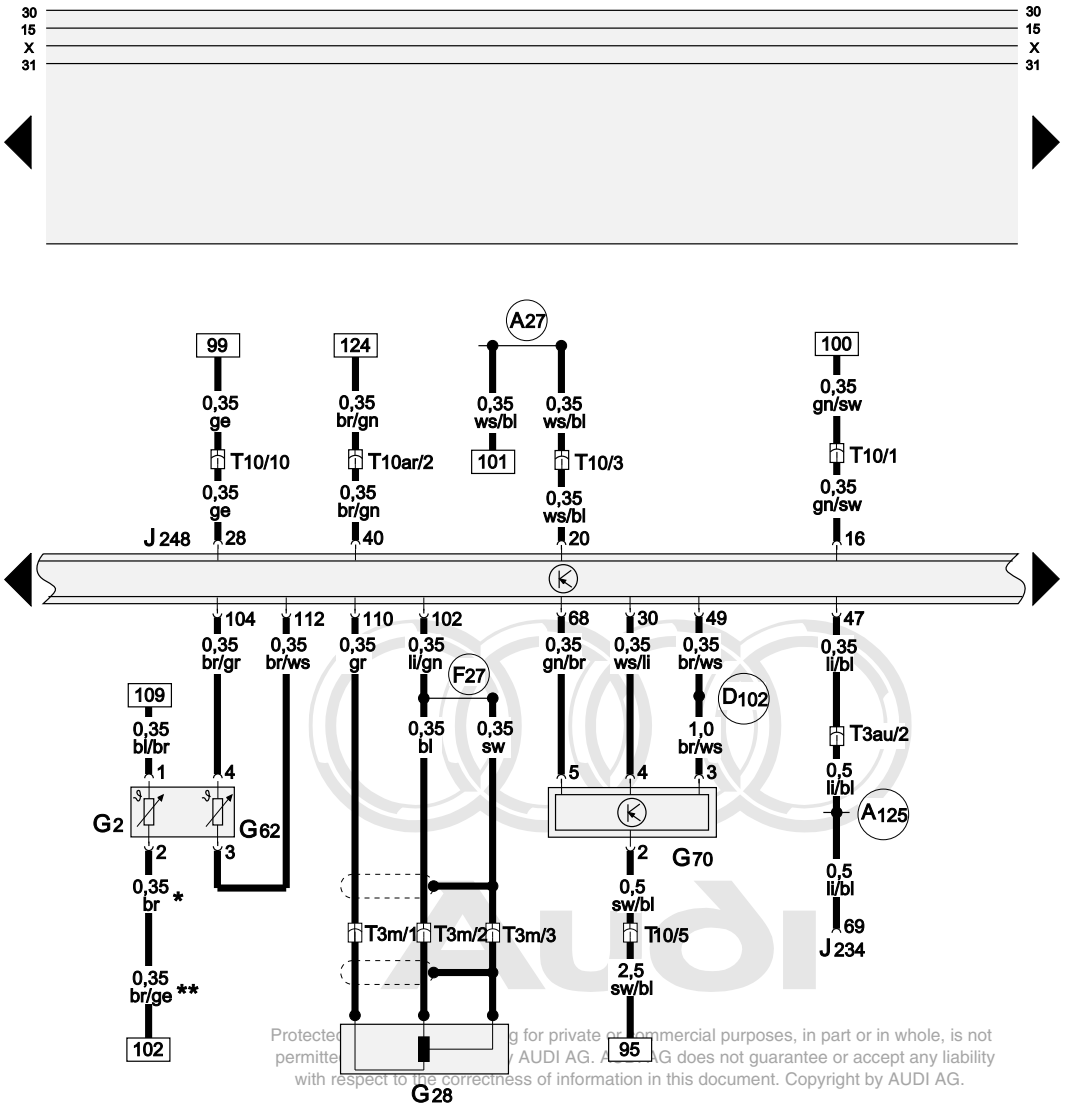


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Diesel direct injection system control unit, Hall sender for camshaft position, throttle butterfly valve, fuel cooling pump, unit injector solenoid valve - No. 1, 2, 3 and 4 cylinder

G40	Hall sender for camshaft position
J248	Diesel direct injection system control unit
J445	Fuel cooling pump relay
N211	Throttle butterfly valve
N240	Unit injector solenoid valve, No. 1 cylinder
N241	Unit injector solenoid valve, No. 2 cylinder
N242	Unit injector solenoid valve, No. 3 cylinder
N243	Unit injector solenoid valve, No. 4 cylinder
S262	Fuse for fuel cooling
T8d	8-pin connector, in engine compartment
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
V166	Fuel cooling pump
156	Earth connection, in diesel direct injection wiring harness
A45	Connection (speed signal), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness

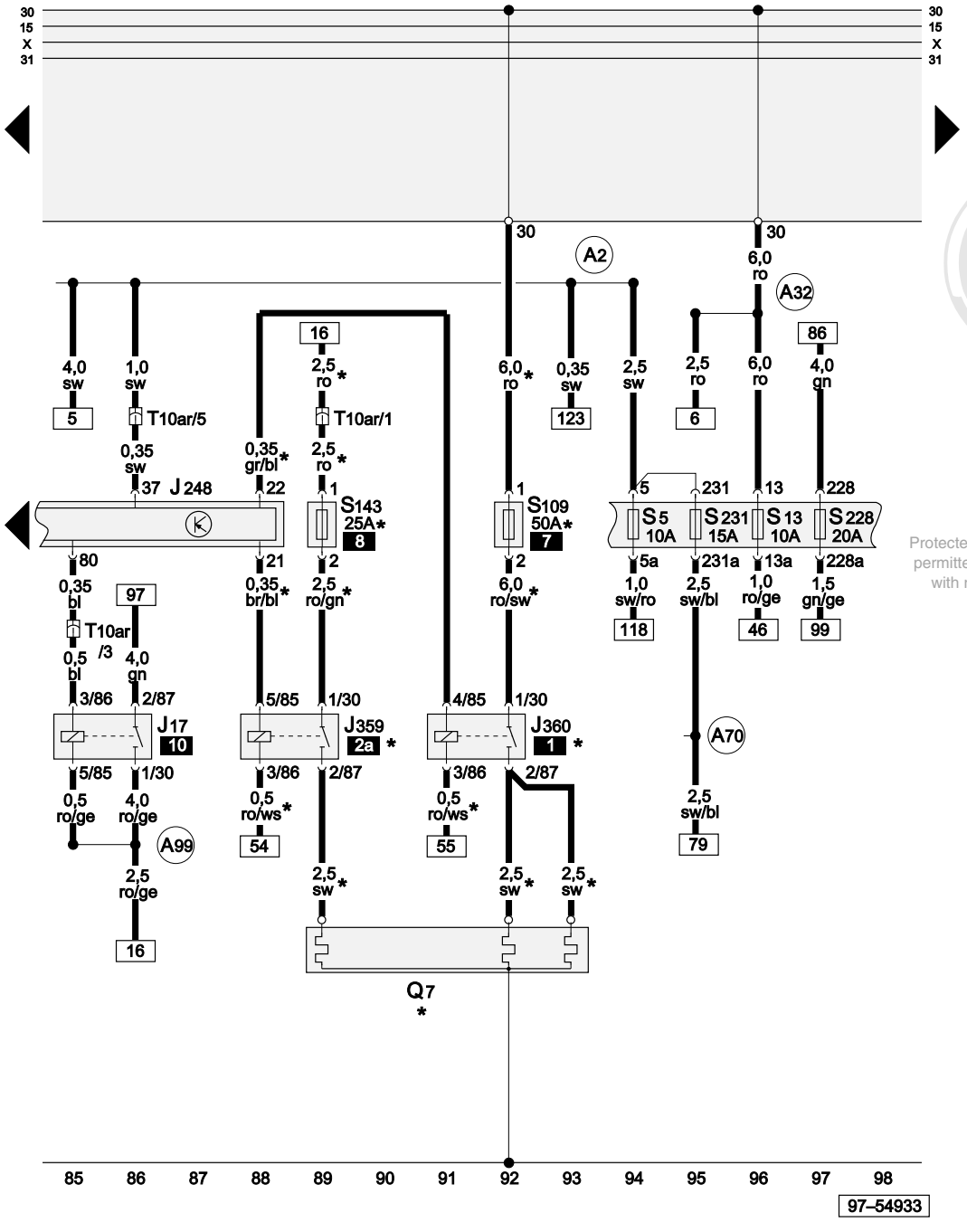


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Diesel direct injection system control unit, coolant temperature senders, engine speed sender, air mass meter

G2	Coolant temperature sender
G28	Engine speed sender
G62	Coolant temperature sender
G70	Air mass meter
J234	Airbag control unit
J248	Diesel direct injection system control unit
T3m	3-pin connector, grey, in engine compartment, left
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A27	Connection (speed signal), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D102	Connection -2-, in engine compartment wiring harness
F27	Connection (screening), in diesel direct injection wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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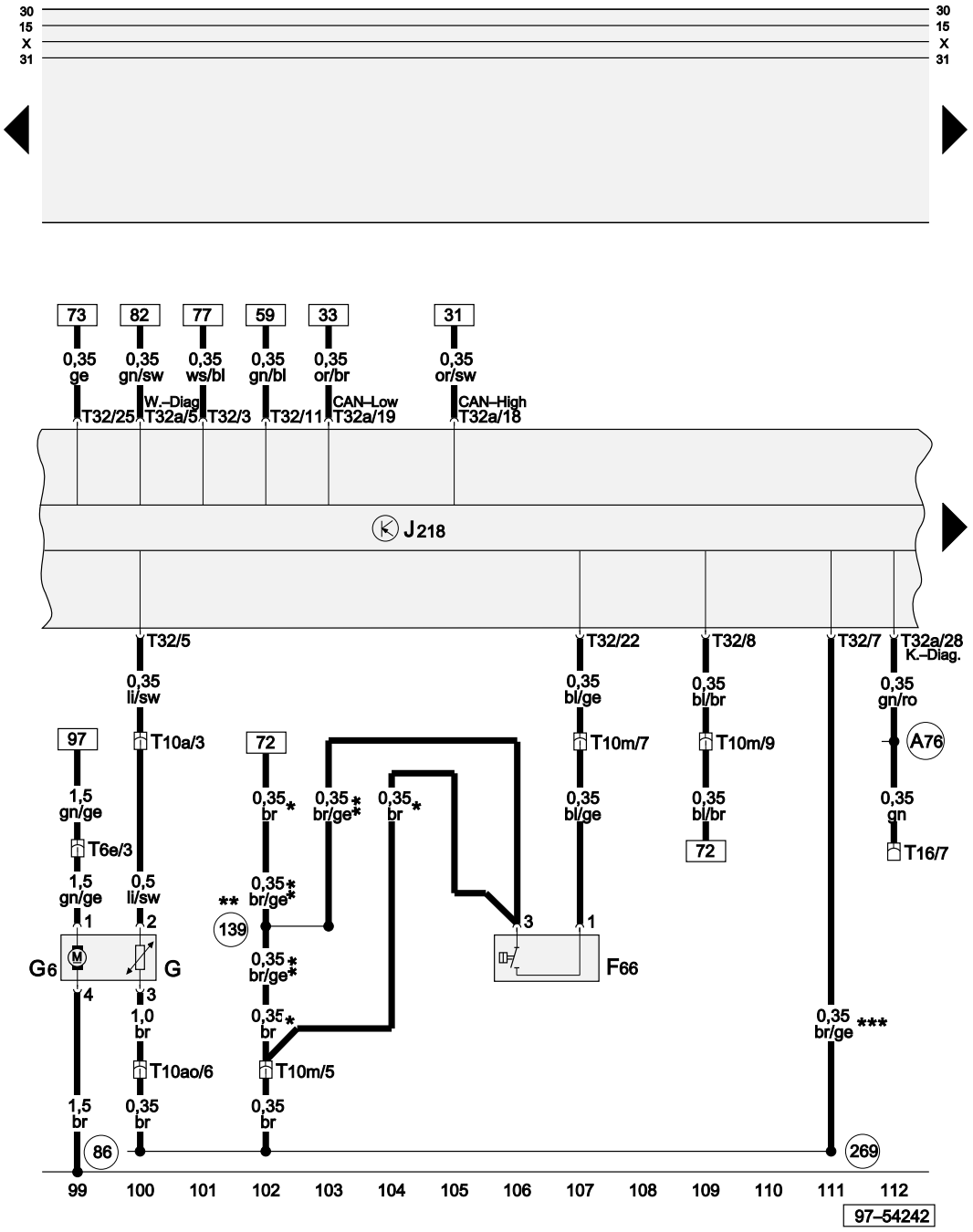


Fuel pump relay, diesel direct injection system control unit, coolant heater elements, relay for coolant heater elements

J17	Fuel pump relay
J248	Diesel direct injection system control unit
J359	Low heat output relay
J360	High heat output relay
Q7	Coolant heating elements
S5	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S109	Coolant heater elements fuse
S143	Coolant heater elements fuse 2
S228	Fuse in fuse box
S231	Fuse in fuse box
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A99	Connection -1- (87), in dash panel wiring harness
*	Does not apply to automatic gearbox

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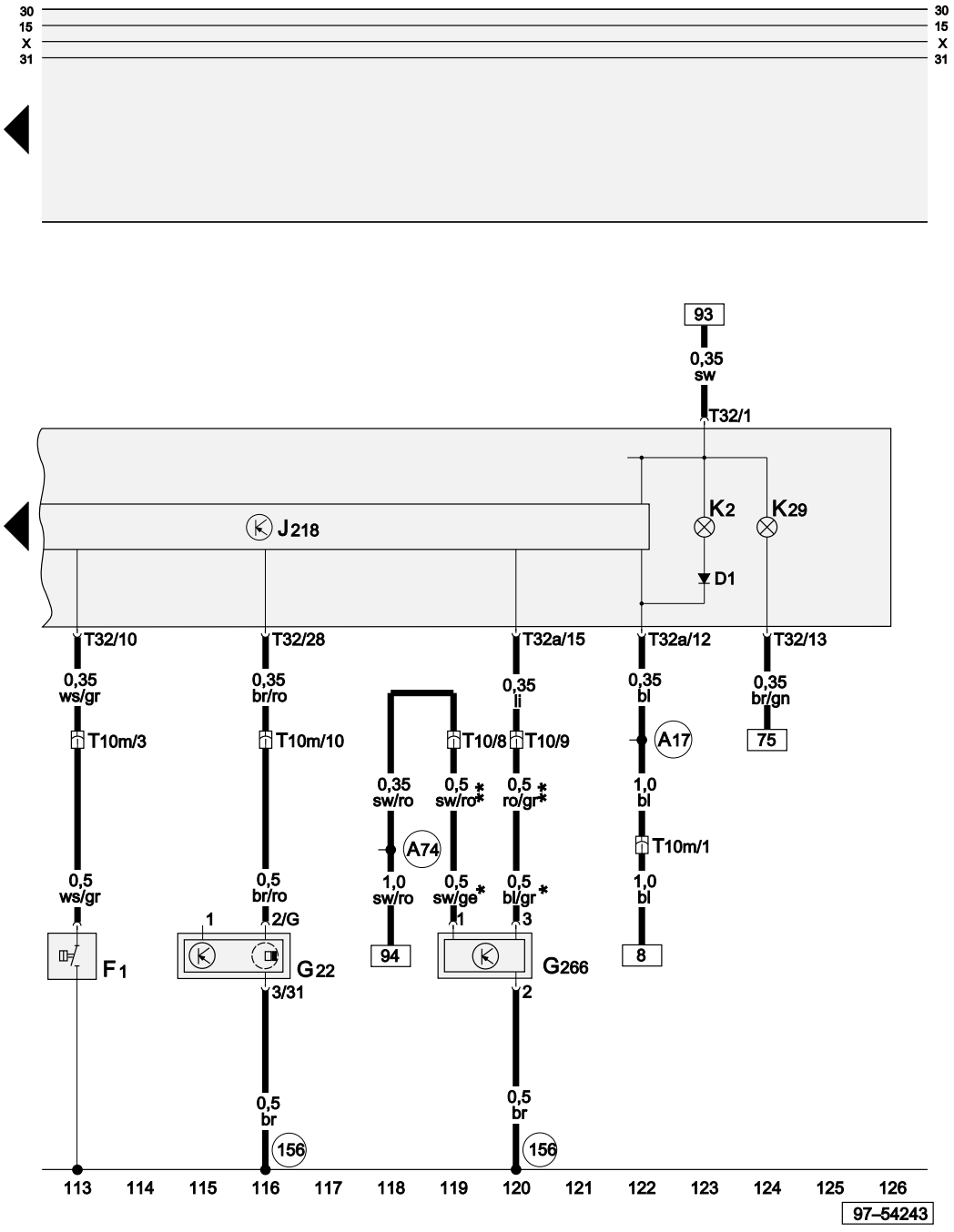


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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001
***	Output for signal earth

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Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K29	Glow period warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
(156)	Earth connection, in diesel direct injection wiring harness
(A17)	Connection (61), in dash panel wiring harness
(A74)	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

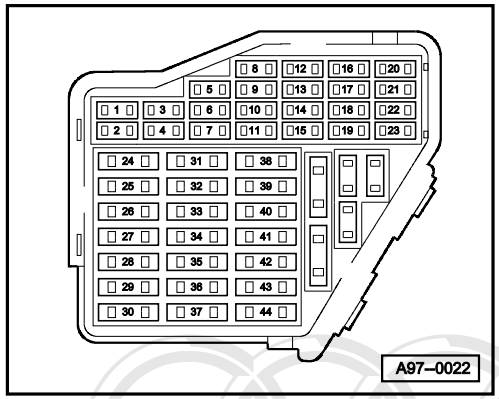
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Radio navigation system (RNS)

From model year 2000

Fuse box

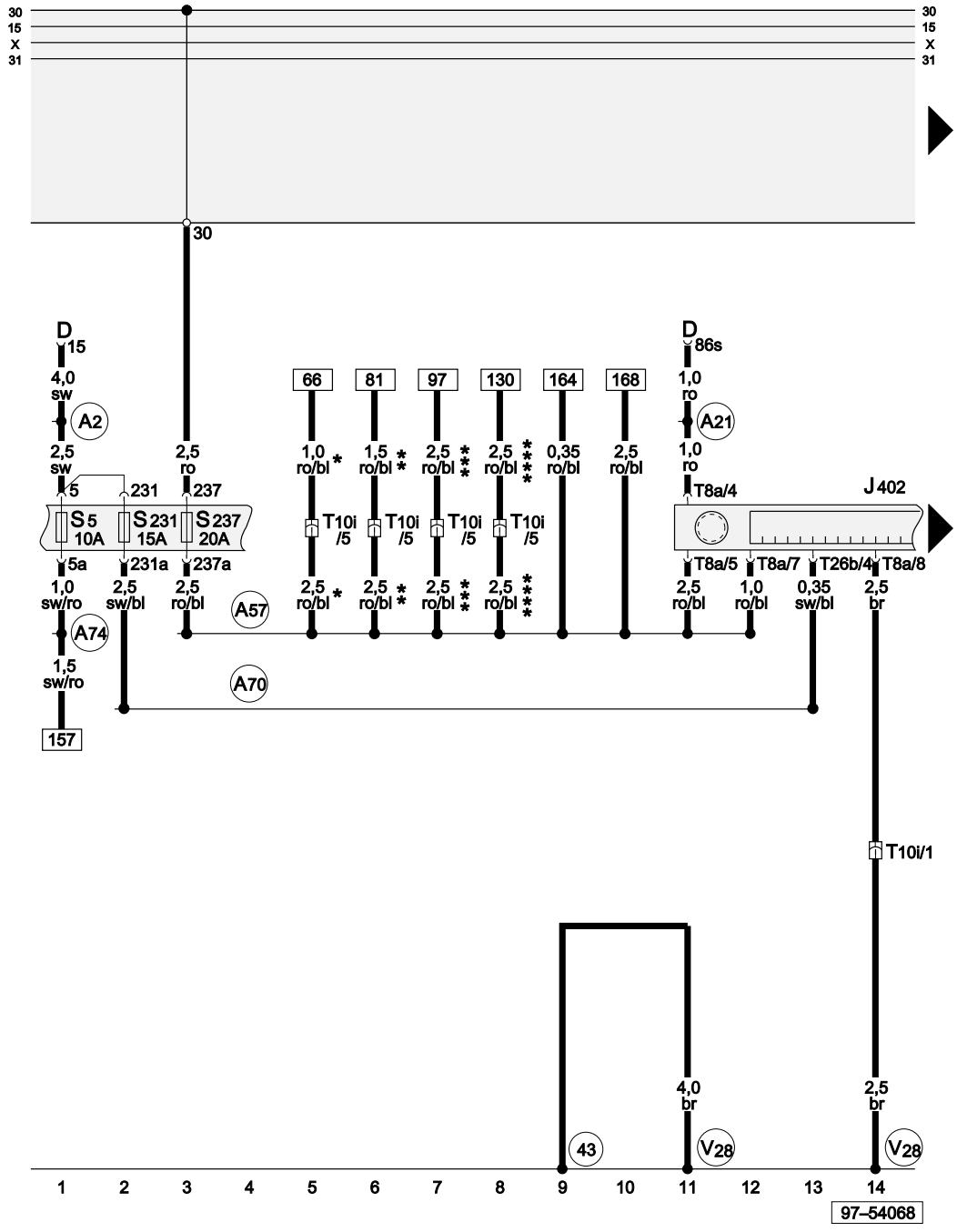


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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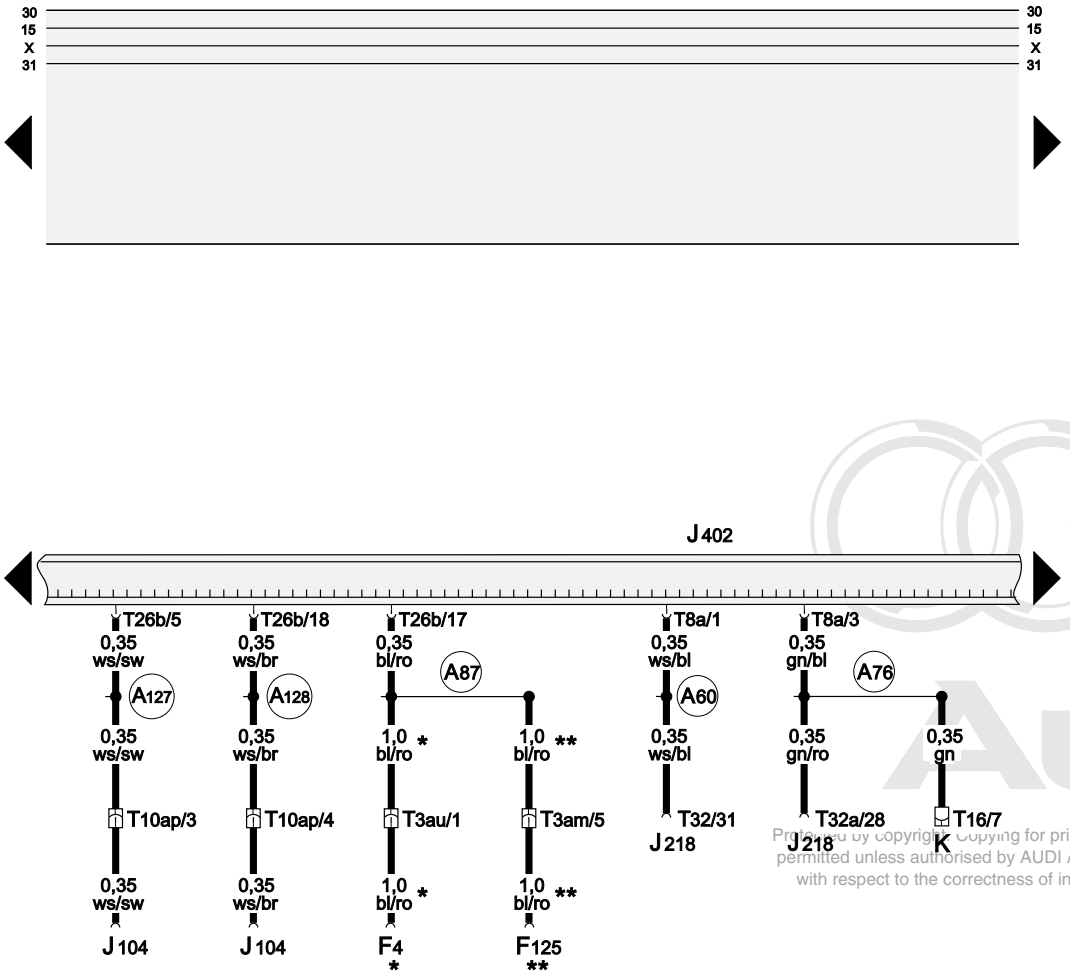


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Navigation operating electronics control unit, voltage supply

D	Ignition/starter switch
J402	Operating electronics control unit, navigation
S5	Fuse in fuse box
S231	Fuse 31 in fuse box
S237	Fuse 37 in fuse box
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T26b	26-pin connector, on operating electronics control unit, navigation
43	Earth point, lower part of right A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A57	Positive (+) connection -3- (30), 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
V28	Connection -1-, in radio wiring harness
*	Active loudspeakers (saloon models)
**	Active loudspeakers (Avant models)
***	Bose sound system (saloon models)
****	Bose sound system (Avant models)

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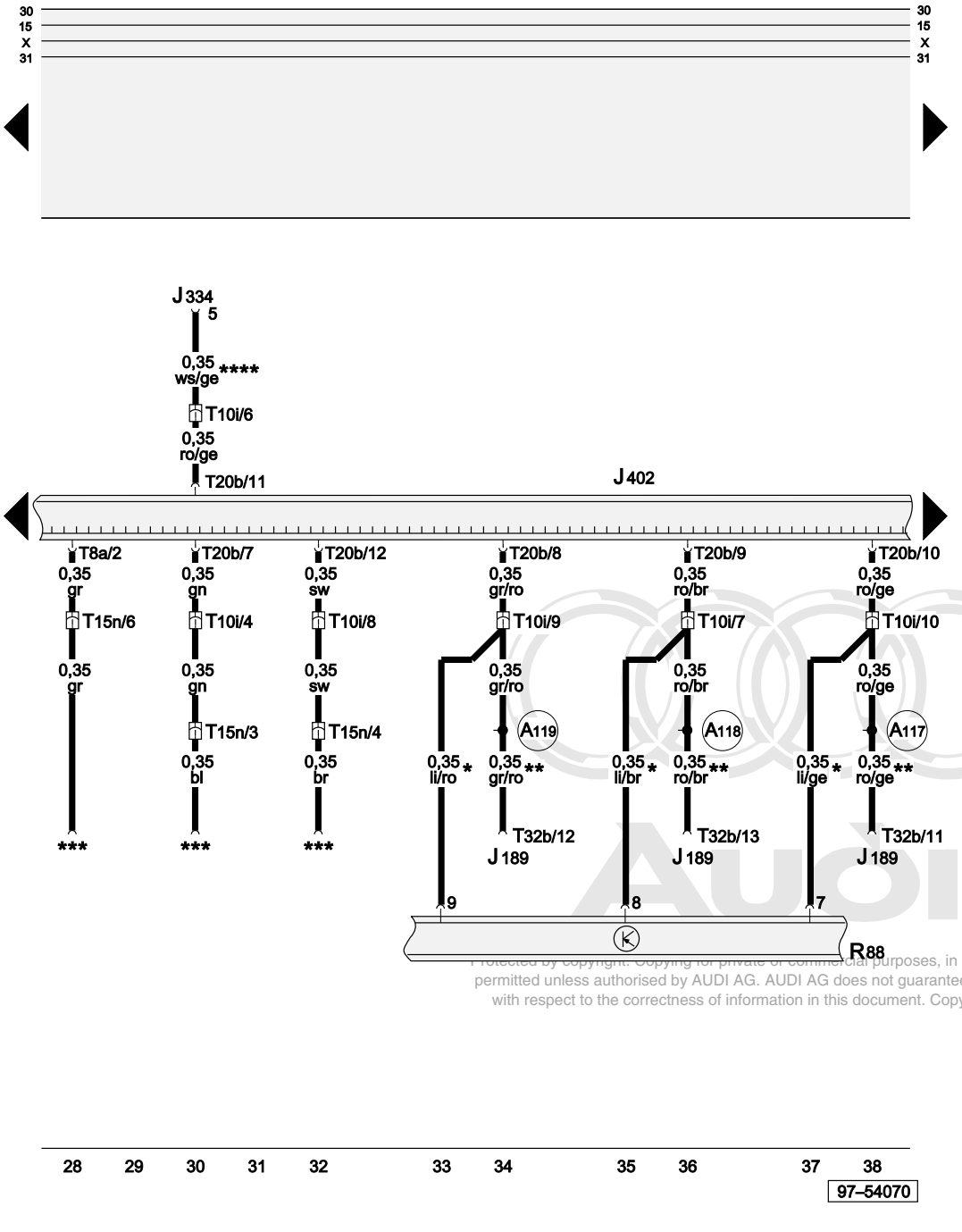


Navigation operating electronics control unit

F4	Reversing light switch
F125	Multi-function switch
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
J402	Operating electronics control unit, navigation
K	Diagnosis connection
T3am	3-pin connector, brown, right connector point, A pillar
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T8a	8-pin connector, black, radio connector III
T10ap	10-pin connector, grey, right connector point, A pillar
T16	16-pin connector, diagnosis connection
T26b	26-pin connector, on operating electronics control unit, navigation
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A127	Connection (rear left speed sensor), in dash panel wiring harness
A128	Connection (rear right speed sensor), in dash panel wiring harness
*	Only models with manual gearbox
**	Only models with automatic gearbox

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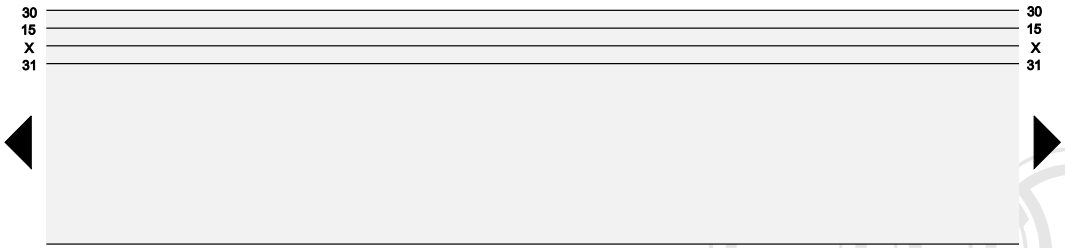


Navigation operating electronics control unit, multi-function steering wheel interface

J189	Auto-check system
J334	Immobilizer control unit
J402	Operating electronics control unit, navigation
R88	Multi-function steering wheel interface
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T15n	15-pin connector, brown, in centre console
T20b	20-pin connector, black, radio connector I
T32b	32-pin connector, grey, on dash panel insert
A117	Connection (enable), in dash panel wiring harness
A118	Connection (data), in dash panel wiring harness
A119	Connection (clock), in dash panel wiring harness
*	Only models with multi-function steering wheel
**	Only models without multi-function steering wheel
***	See applicable Current Flow Diagram: Telephone/telematics
****	Only models with anti-theft alarm system

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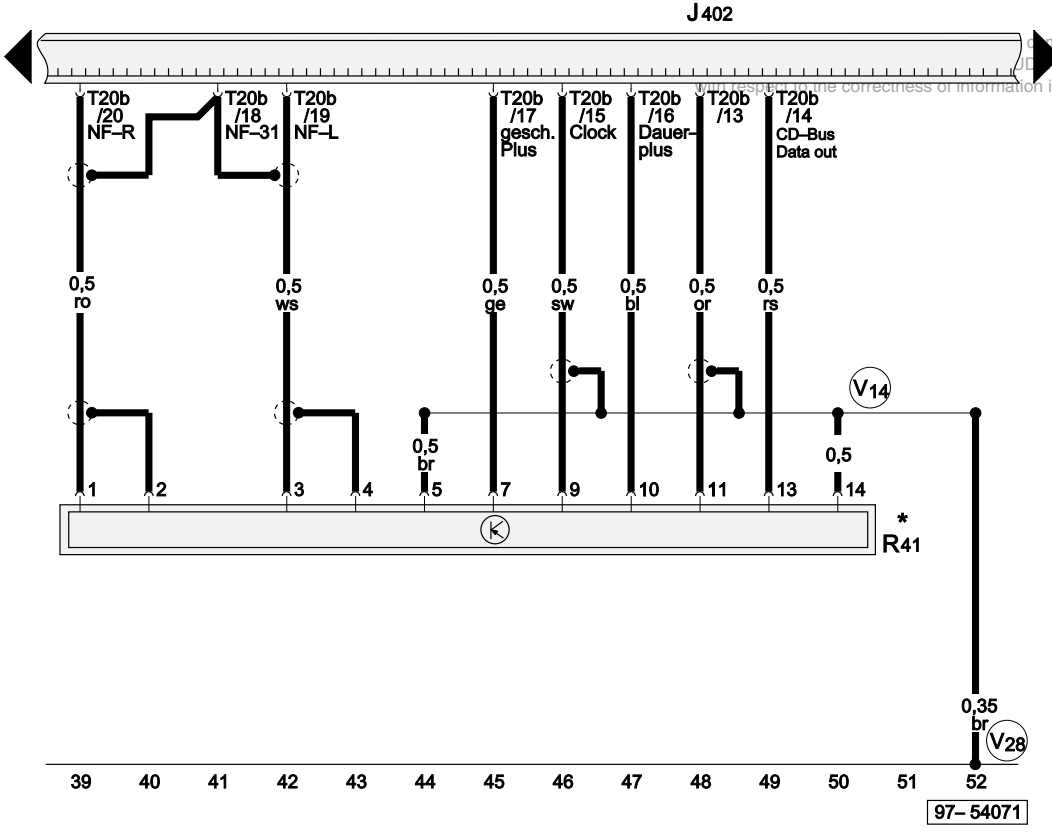


Navigation operating electronics control unit, CD changer

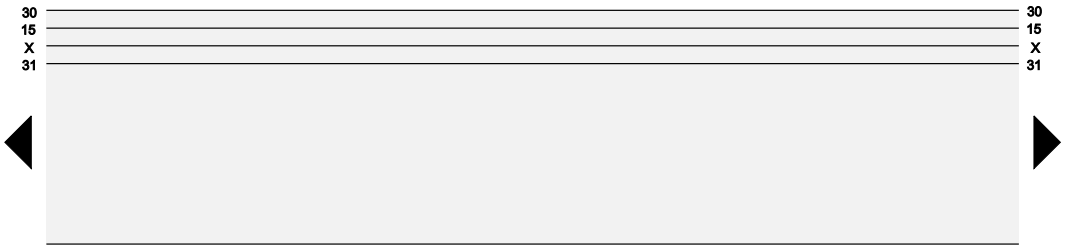
J402	Operating electronics control unit, navigation
R41	CD changer
T20b	20-pin connector, black, radio connector I
V14	Connection (screening), in CD changer wiring harness
V28	Connection -1-, in radio wiring harness
*	Models with CD changer

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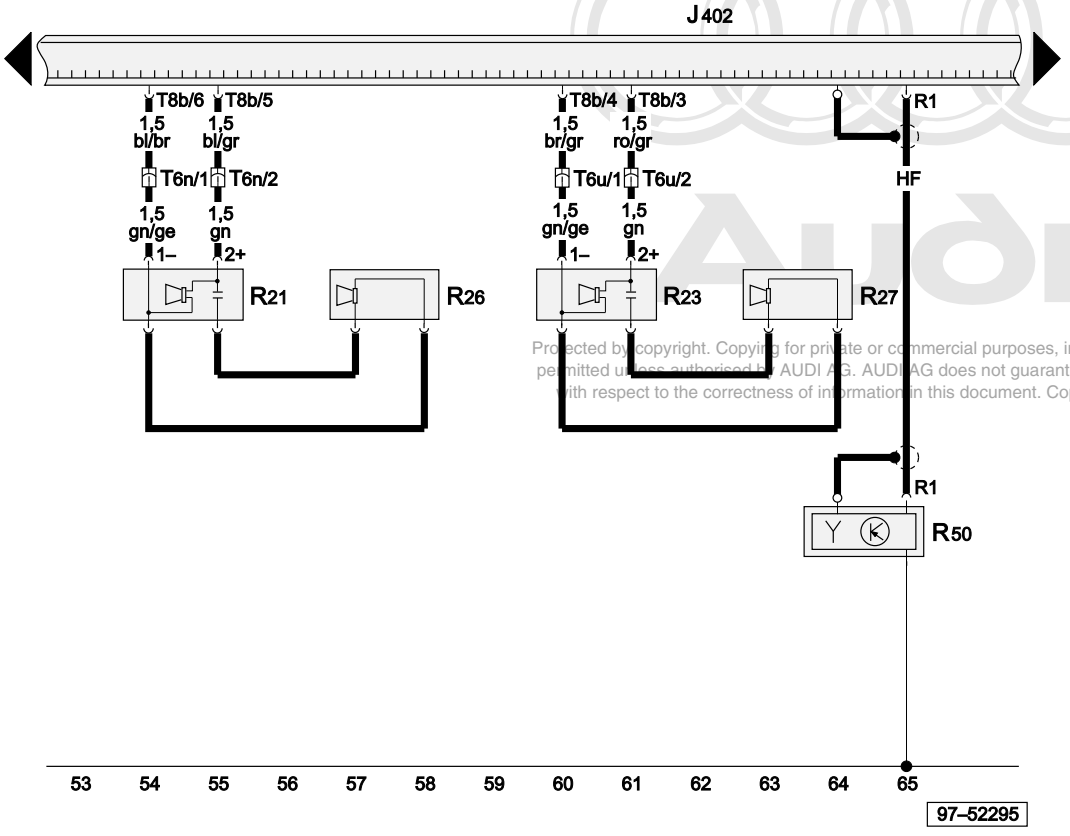


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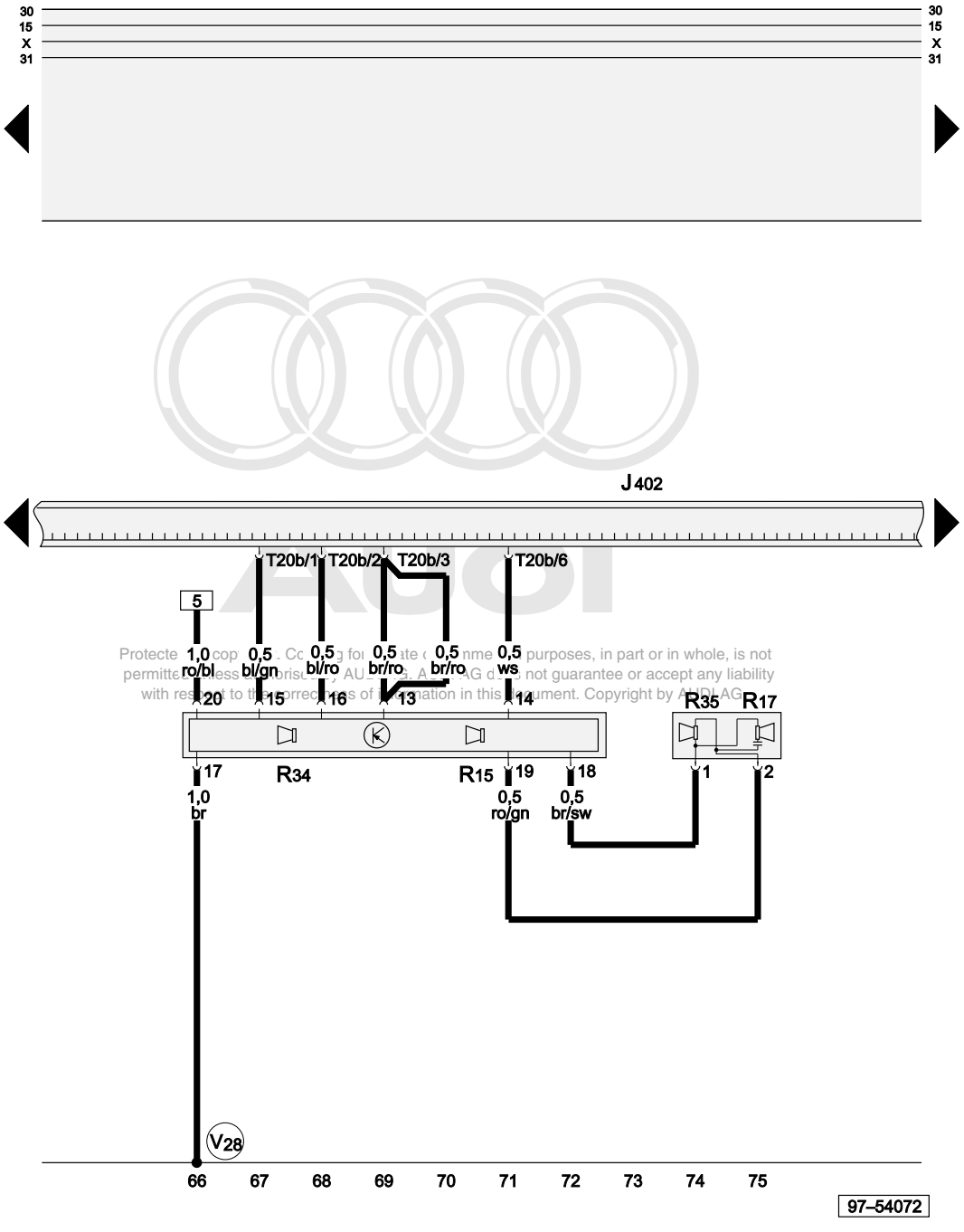
Navigation operating electronics control unit, navigation aerial (GPS), front loudspeakers

J402	Operating electronics control unit, navigation
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R50	Navigation aerial (GPS)
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II



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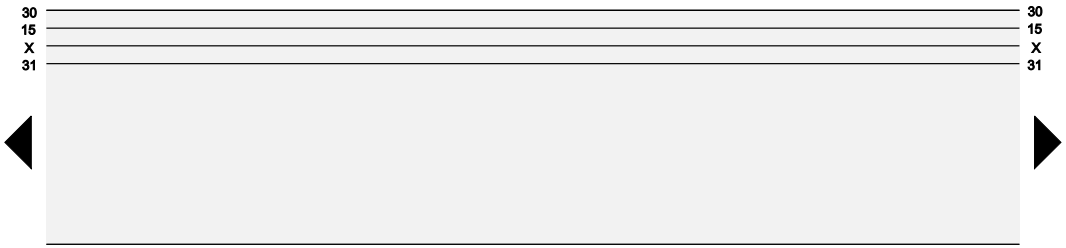


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Navigation operating electronics control unit, active loudspeakers (saloon models)

J402	Operating electronics control unit, navigation
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T20b	20-pin connector, black, radio connector I
V28	Connection -1-, in radio wiring harness

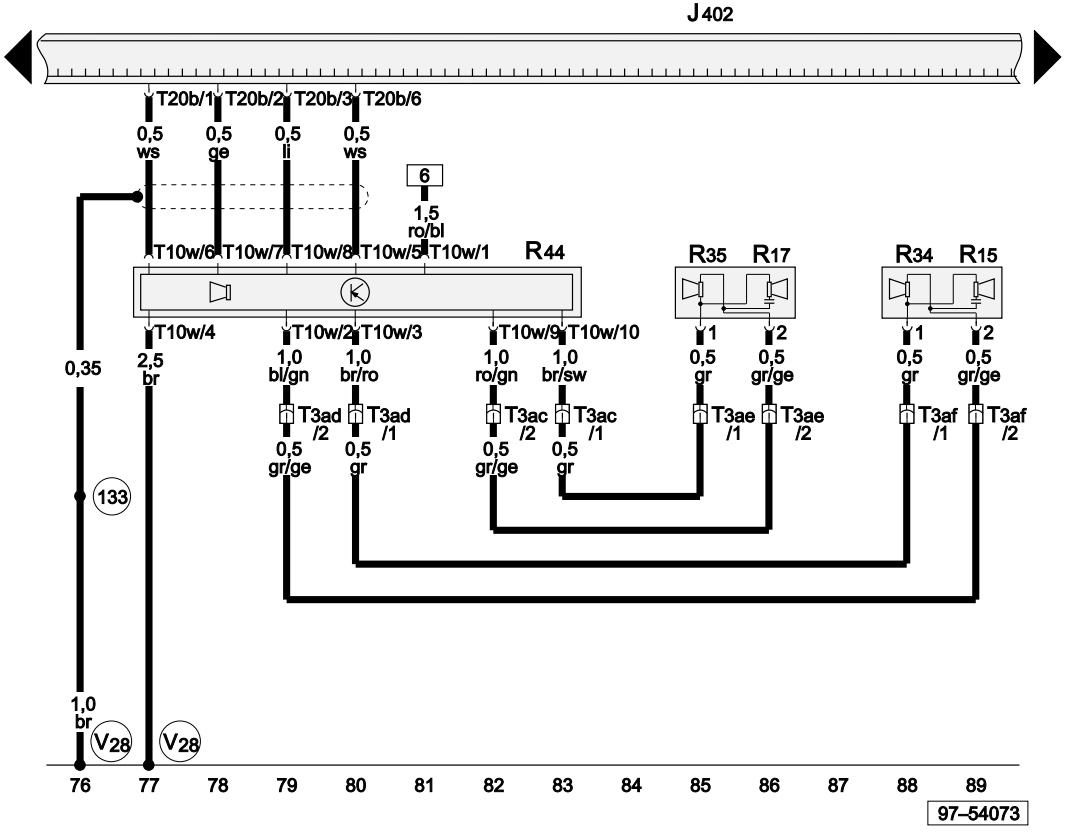
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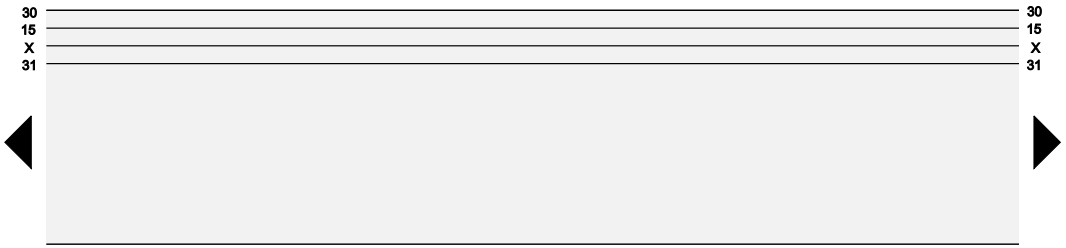
Navigation operating electronics control unit, active loudspeakers (Avant models)

J402	Operating electronics control unit, navigation
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T20b	20-pin connector, black, radio connector I
T10w	10-pin connector, red, luggage compartment, left
133	Earth connection, in loudspeaker wiring harness
V28	Connection -1-, in radio wiring harness

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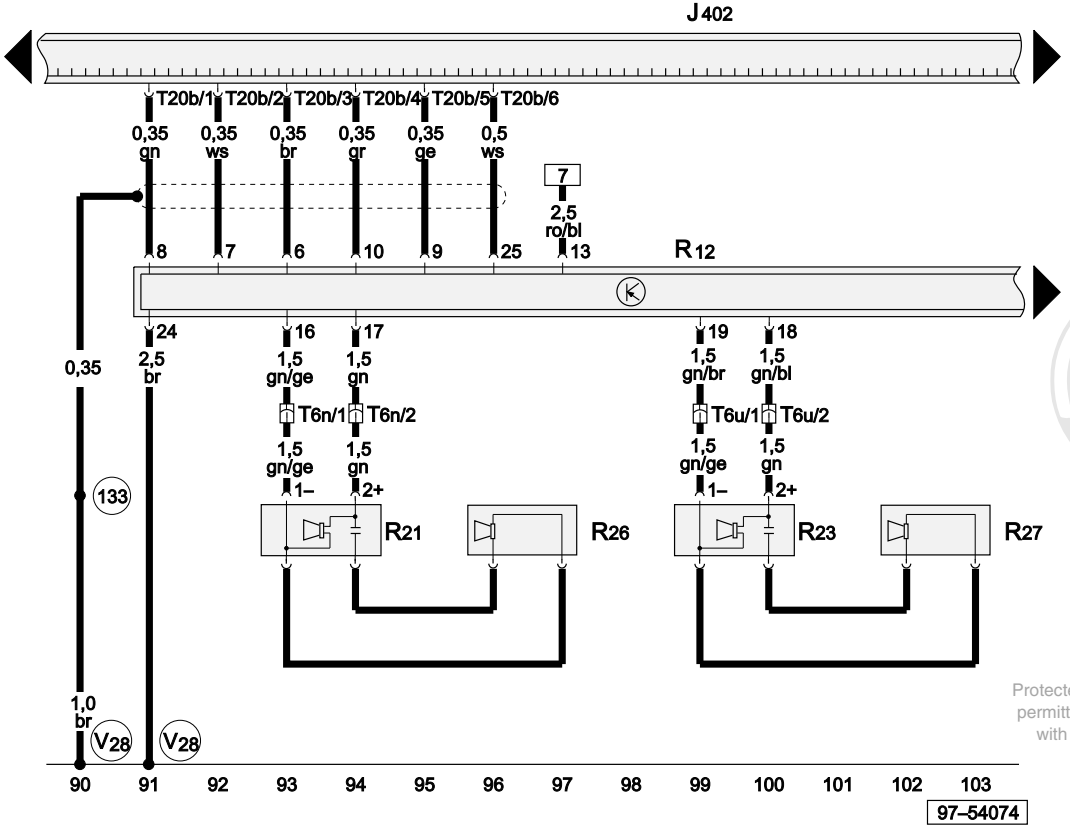


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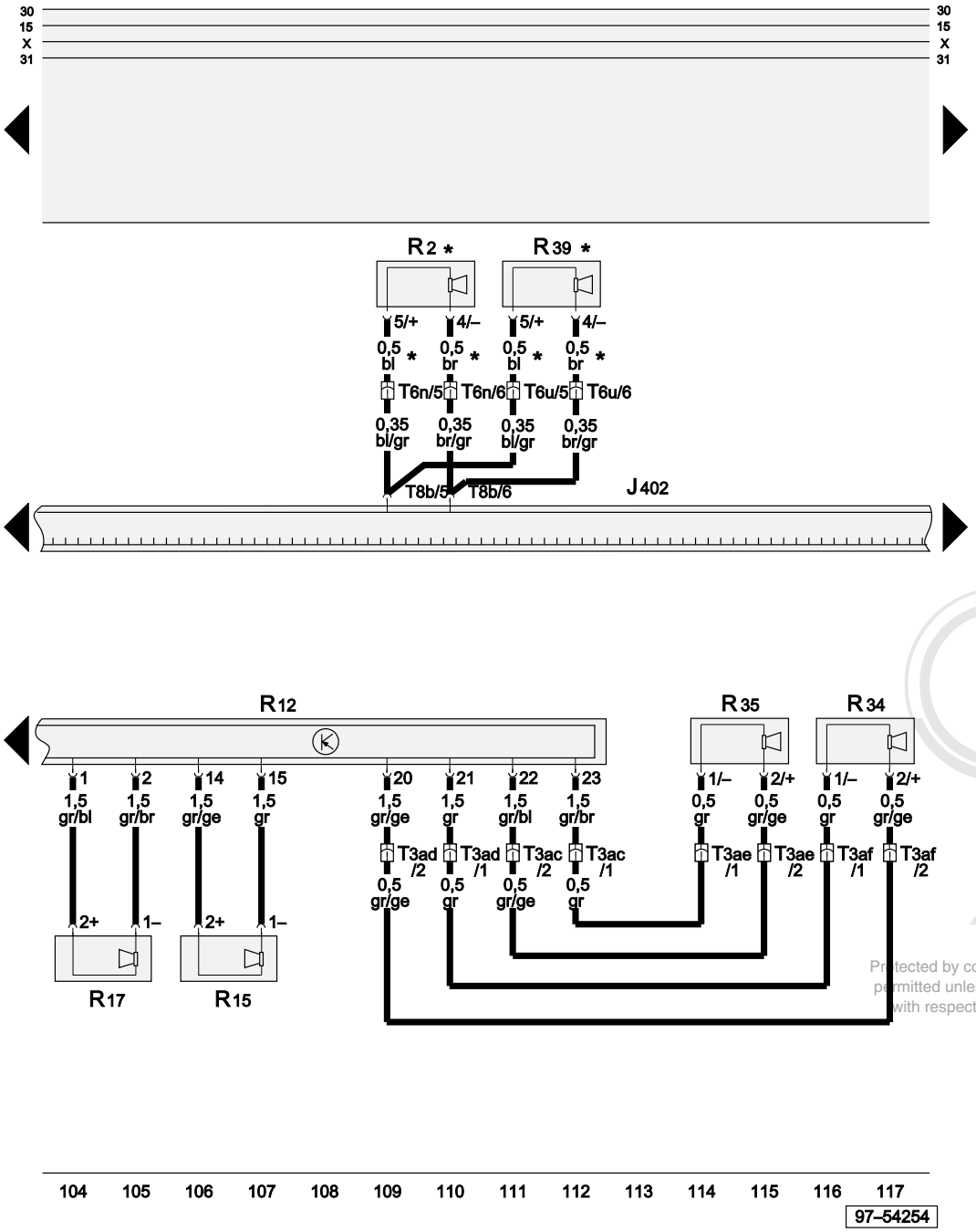
Navigation operating electronics control unit, Bose sound system (saloon models)

J402	Operating electronics control unit, navigation
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
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
133	Earth connection, in loudspeaker wiring harness
V28	Connection -1-, in radio wiring harness



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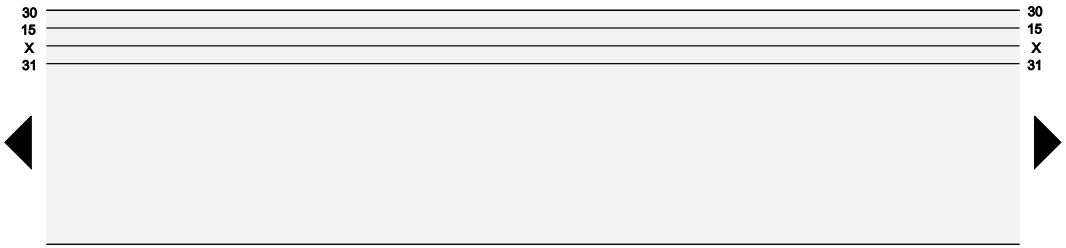


Navigation operating electronics control unit, Bose sound system (saloon models)

J402	Operating electronics control unit, navigation
R2	Telephone/navigation systems loudspeaker, front left
R39	Telephone/navigation systems loudspeaker, front right
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

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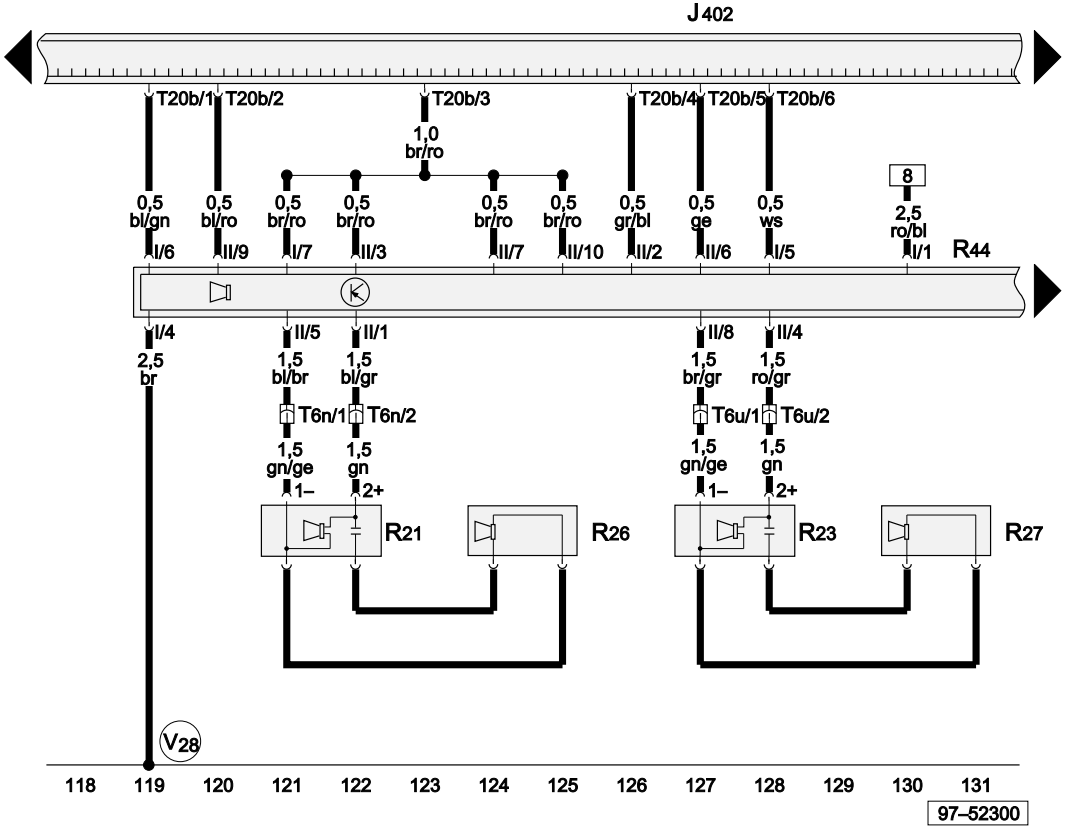
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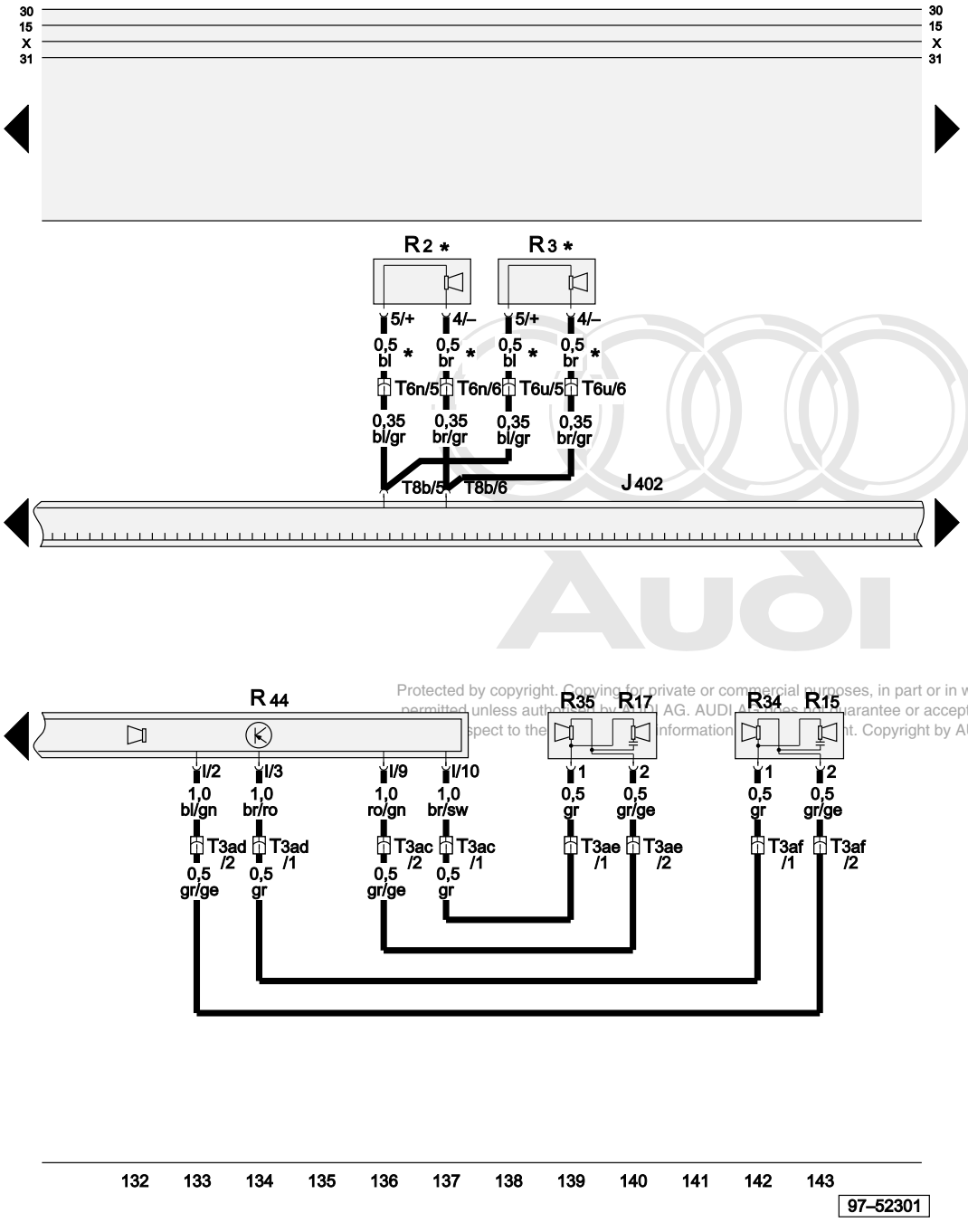
Navigation operating electronics control unit, Bose sound system (Avant models)

J402	Operating electronics control unit, navigation
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
133	Earth connection, in loudspeaker wiring harness
V28	Connection -1-, in radio wiring harness

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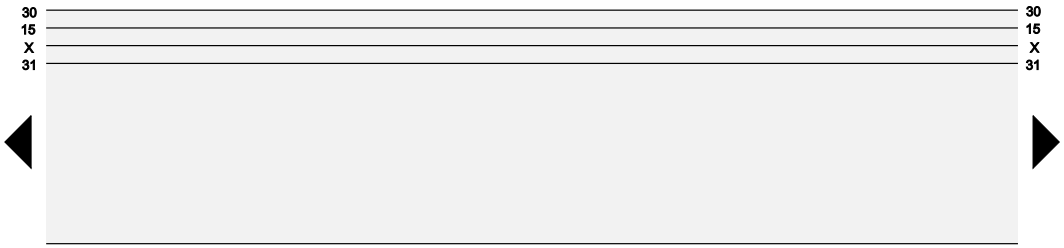


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Navigation operating electronics control unit, Bose sound system (Avant models)

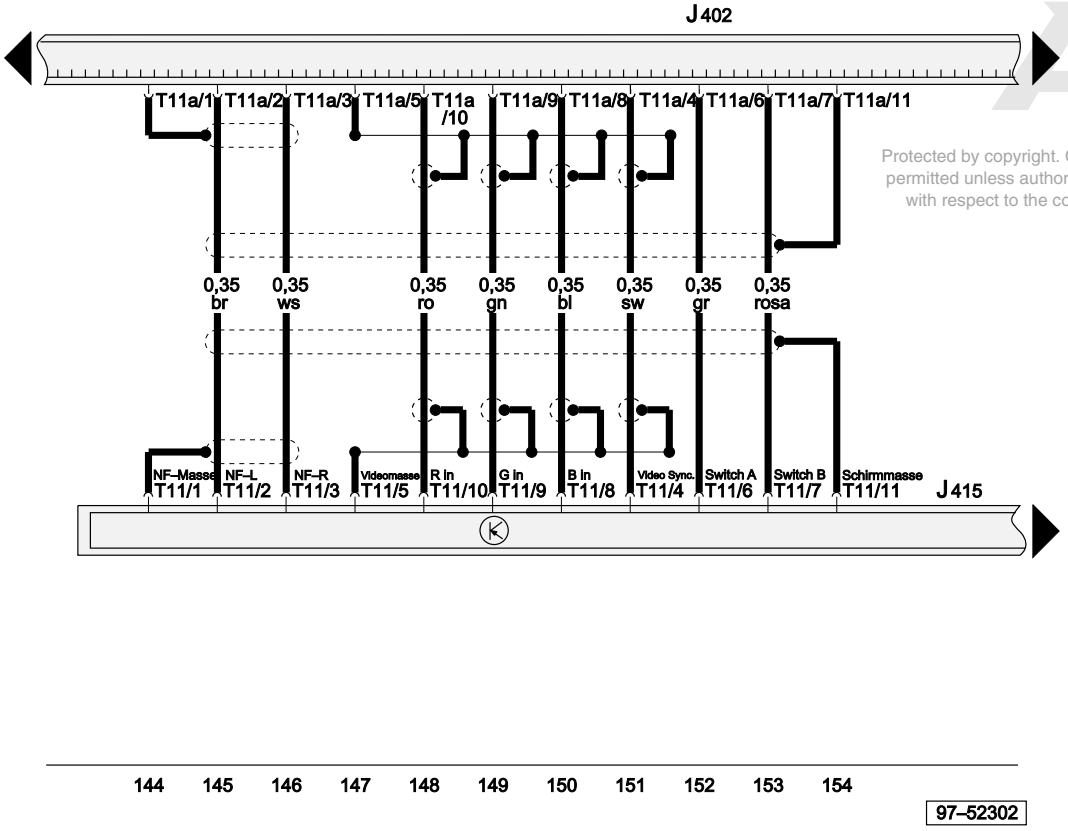
J402	Operating electronics control unit, navigation
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

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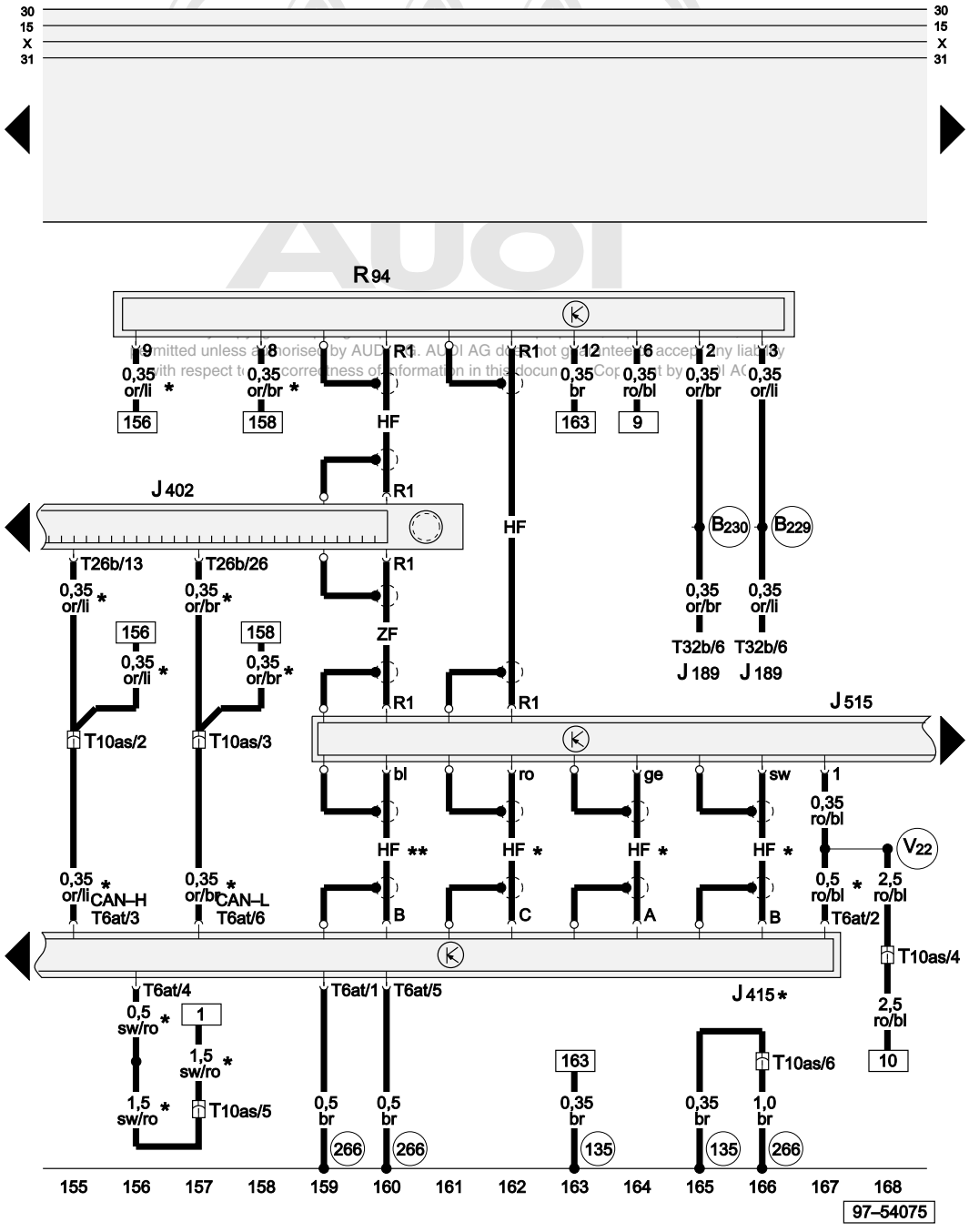
Navigation operating electronics control unit, navigation/TV tuner

J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
T11	11-pin connector, on TV tuner
T11a	11-pin connector, black, on operating electronics control unit, navigation



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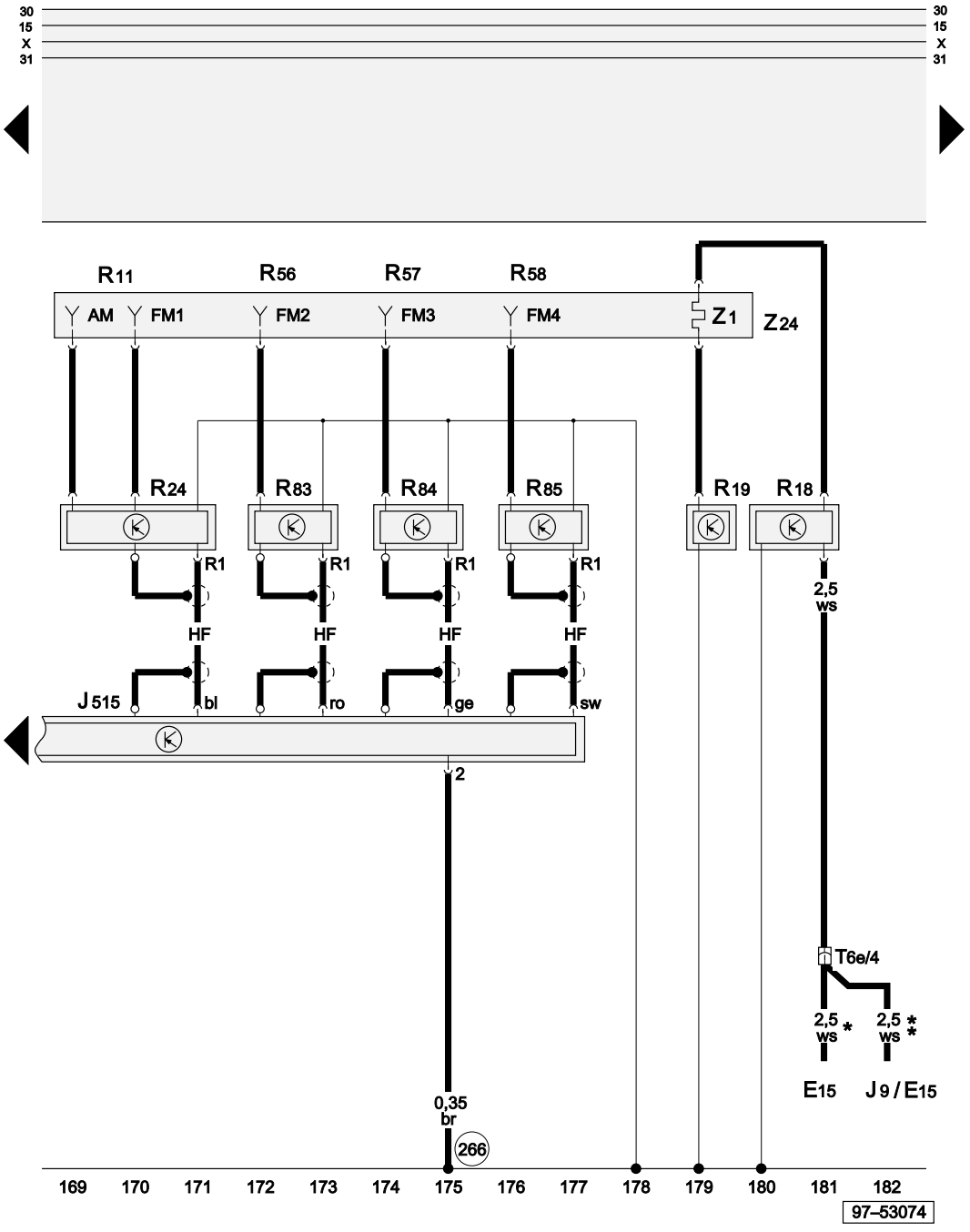
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Navigation operating electronics control unit, navigation/TV tuner, aerial selection control unit

J189	Auto-check system
J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
J515	Aerial selection control unit
R1	Aerial connection
R94	Navigation interface
T6at	6-pin connector, white, on TV tuner
T10as	10-pin connector, red, behind dash panel, left
T26b	26-pin connector, on operating electronics control unit, navigation
T32b	32-pin connector, grey, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
266	Earth connection, in navigation wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
V22	Positive (+) connection (30a), in navigation wiring harness
*	Only models with TV receiver
**	Does not apply to Avant models

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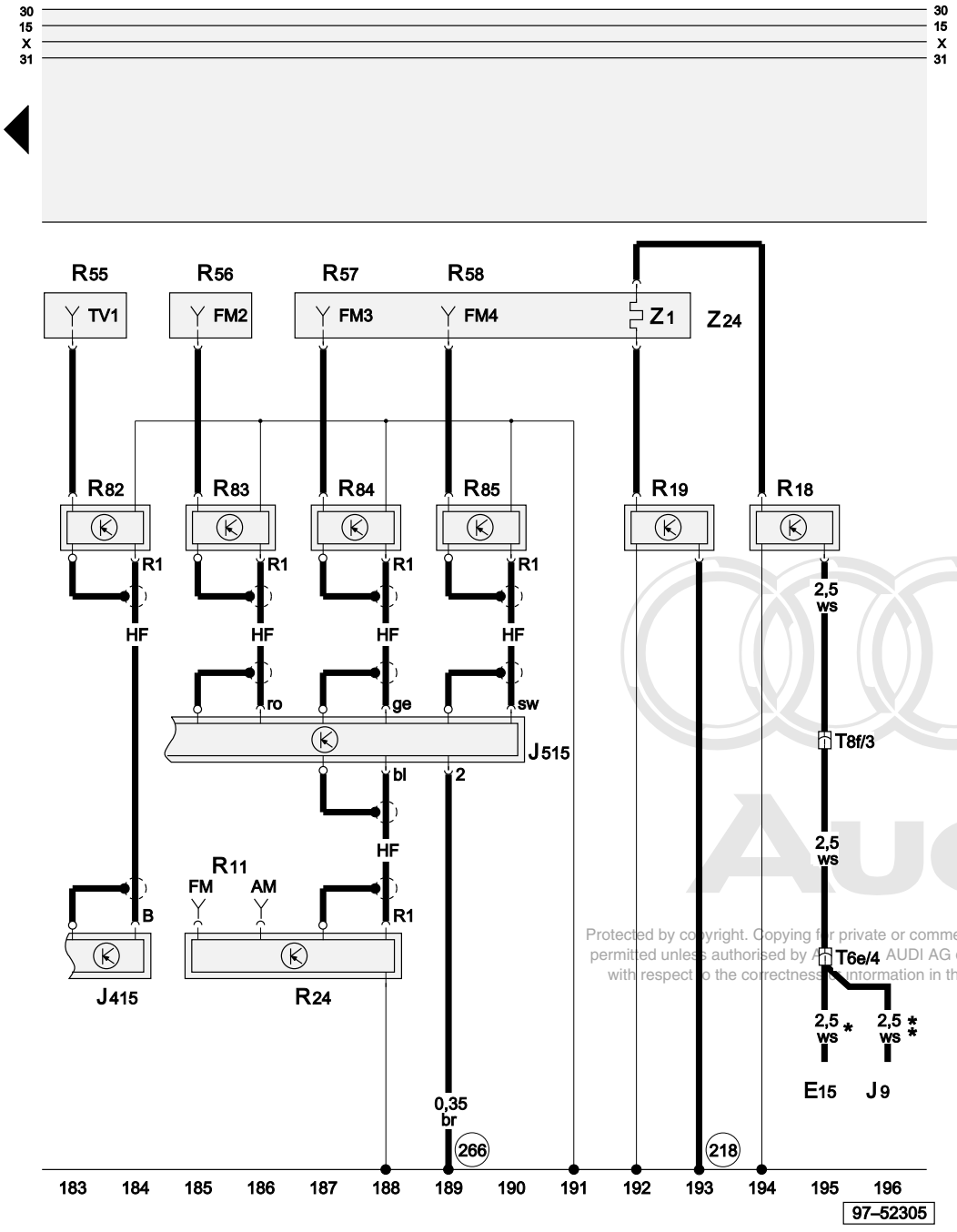


Aerials for saloon models

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial (00856)
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
Z1	Heated rear window
Z24	Heated rear window with window aerial
266	Earth connection, in navigation wiring harness
*	Only models with air conditioner
**	Models without air conditioner

ws	=	white
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rs	=	pink

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Aerials for Avant models

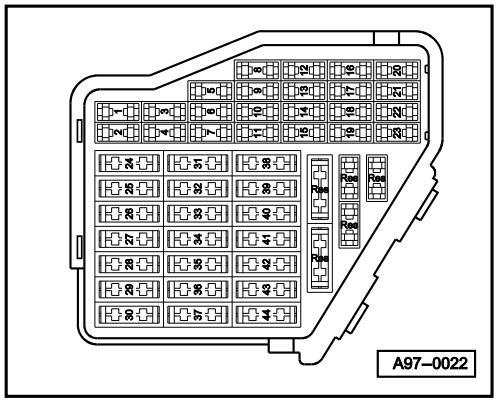
E15	Heated rear window switch
J9	Heated rear window relay
J415	Navigation/TV tuner
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial (00856)
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R82	Aerial amplifier 1, TV
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
Z1	Heated rear window
Z24	Heated rear window with window aerial
218	Earth connection -1-, in tailgate/boot lid wiring harness
266	Earth connection, in navigation wiring harness
*	Only models with air conditioner
**	Models without air conditioner

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

1.6 litre - Simos, 75 kW, 4-cylinder, engine code ALZ

From model year 2001

Fuse box

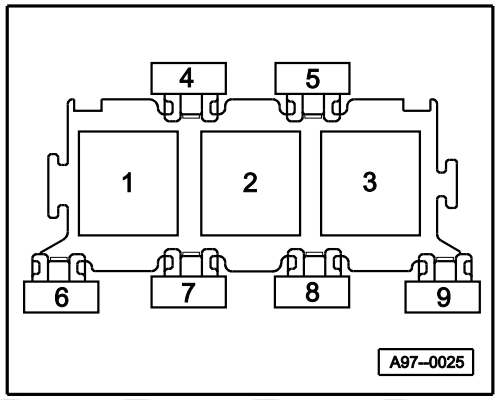


Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - 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:

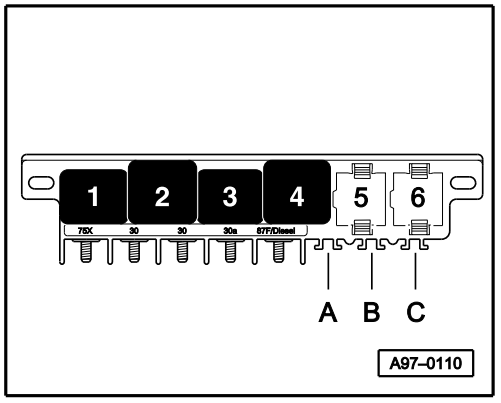
2 - Secondary air pump relay

3 - Current supply relay

Position of fuses:

7 - Secondary air pump fuse

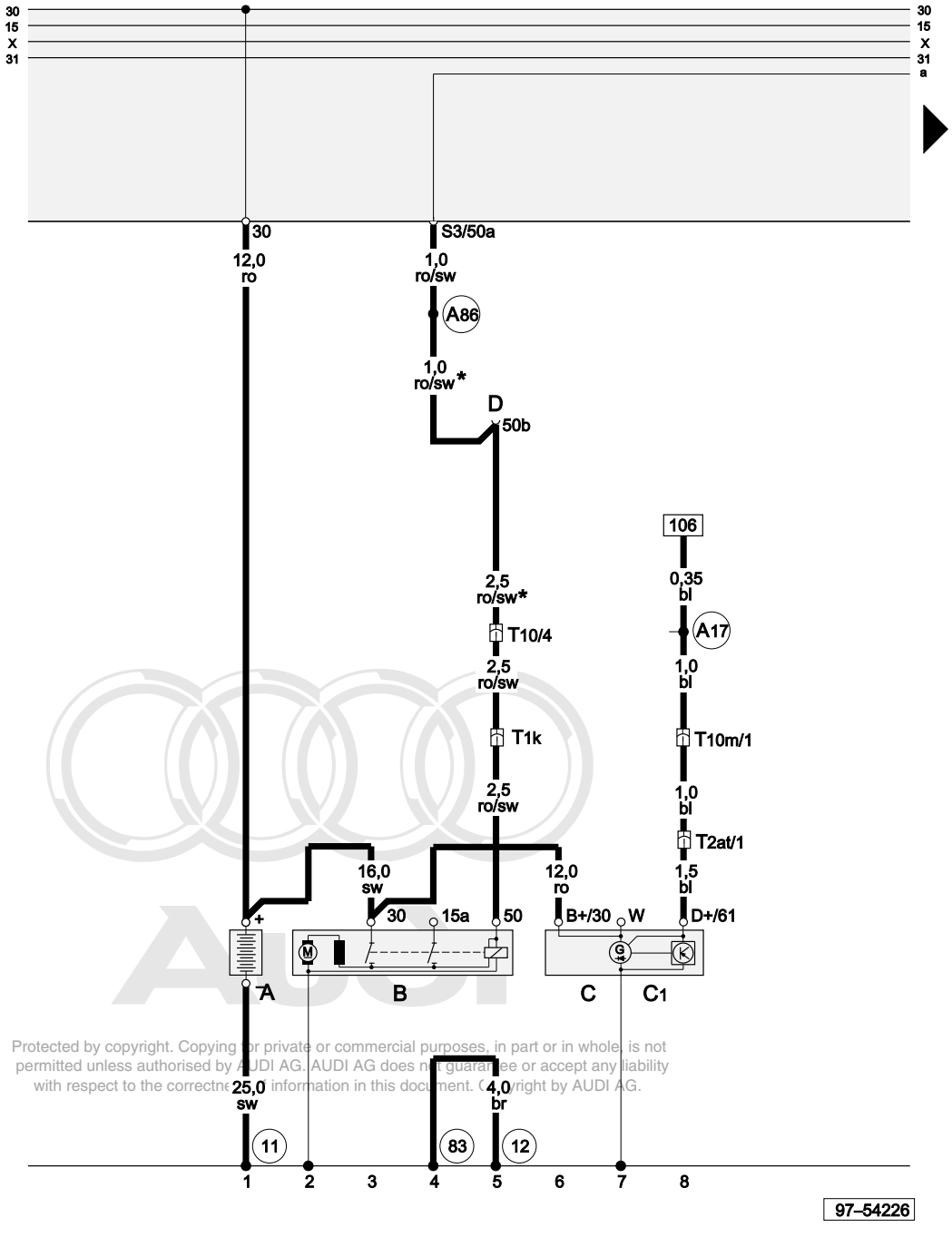
Micro-central electrics



Position of relays:

4 - Fuel pump relay

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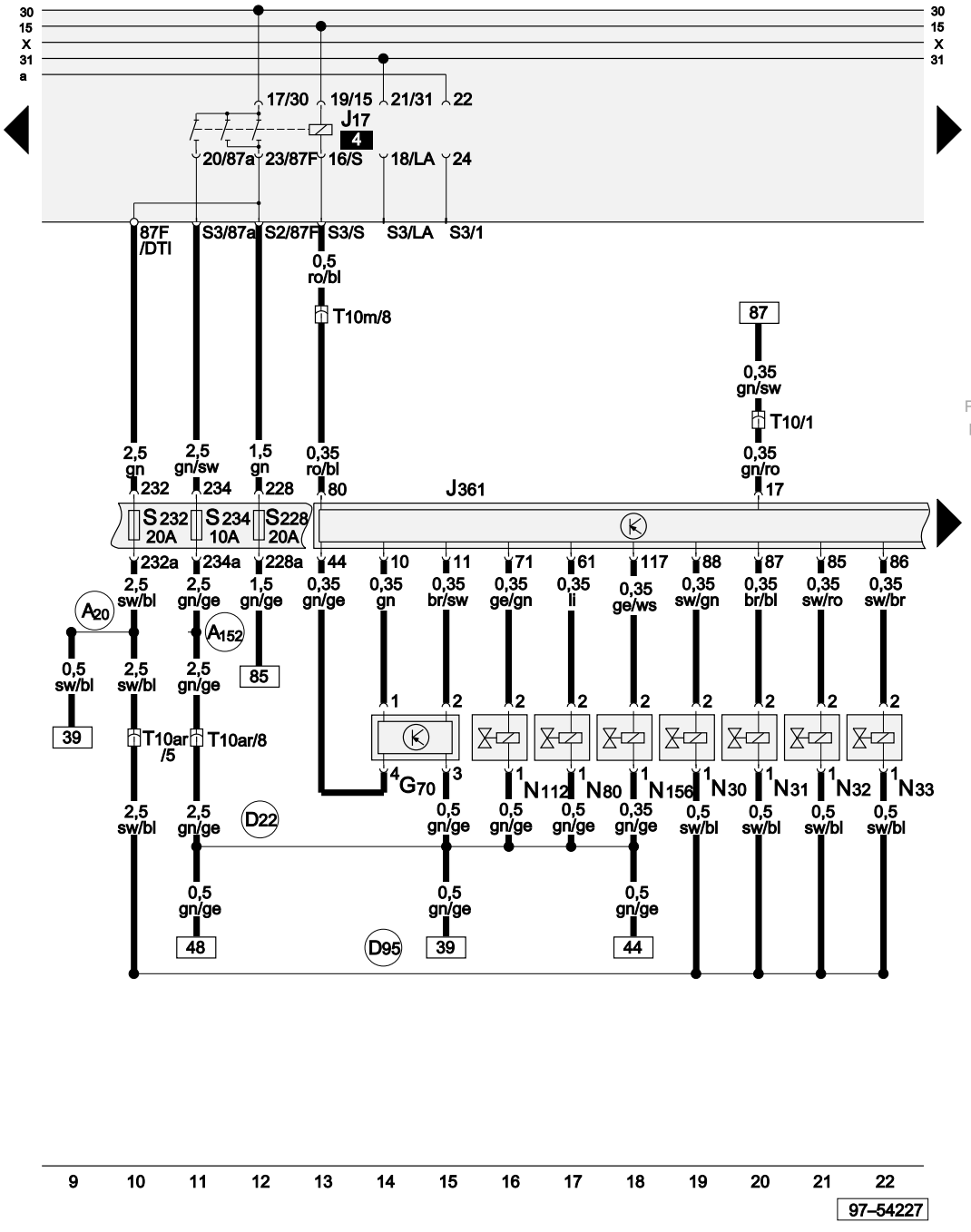


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1k	Single connector, black, in engine compartment, right
T2at	2-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
11	Earth point, in battery box
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A86	Connection (50a), 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

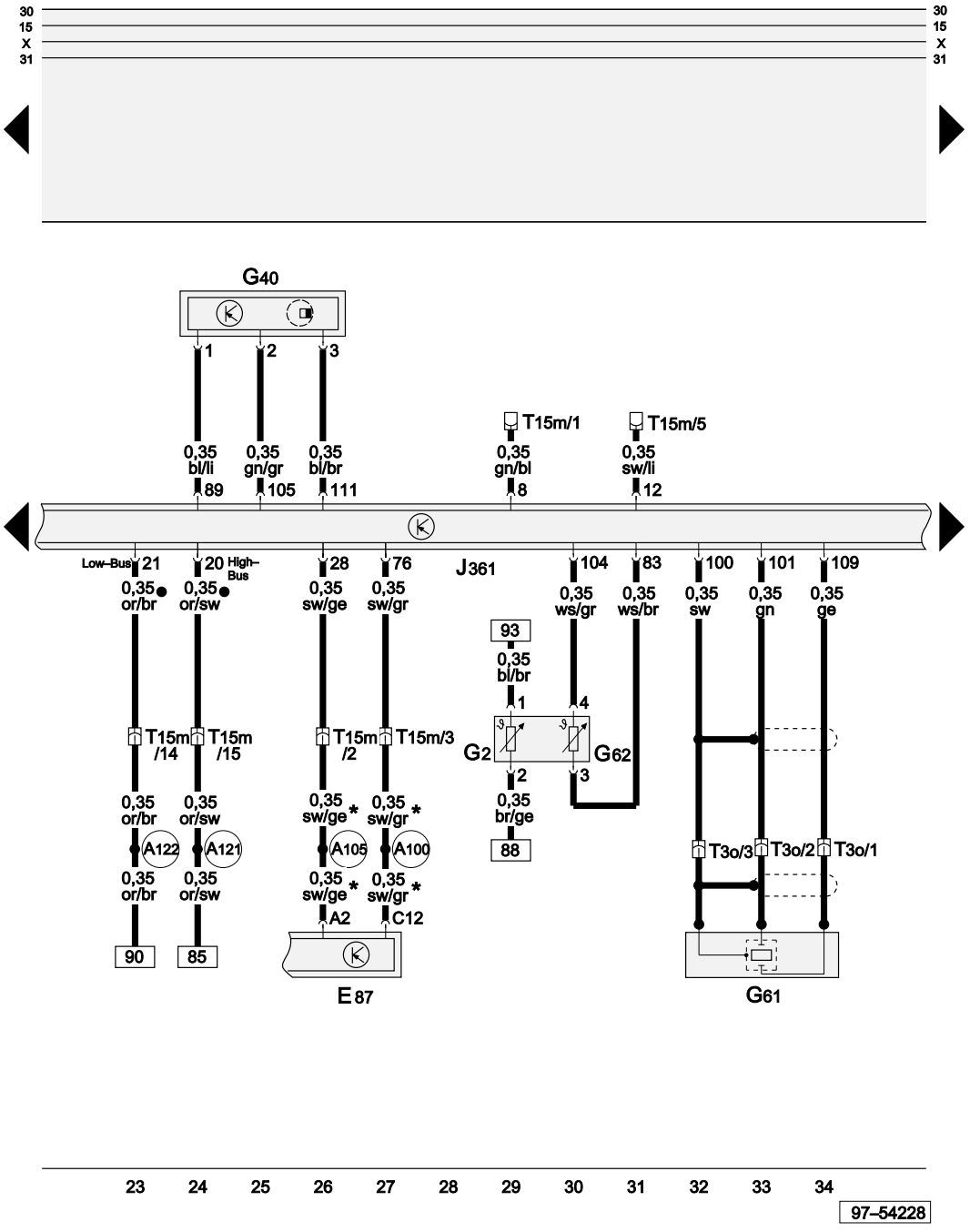


Simos control unit, fuel pump relay, air mass meter, injectors

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
S228	Fuse in fuse box
S232	Fuse in fuse box
S234	Fuse in fuse box
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A20	Connection (15a), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness
D95	Connection (injectors), in engine compartment wiring harness

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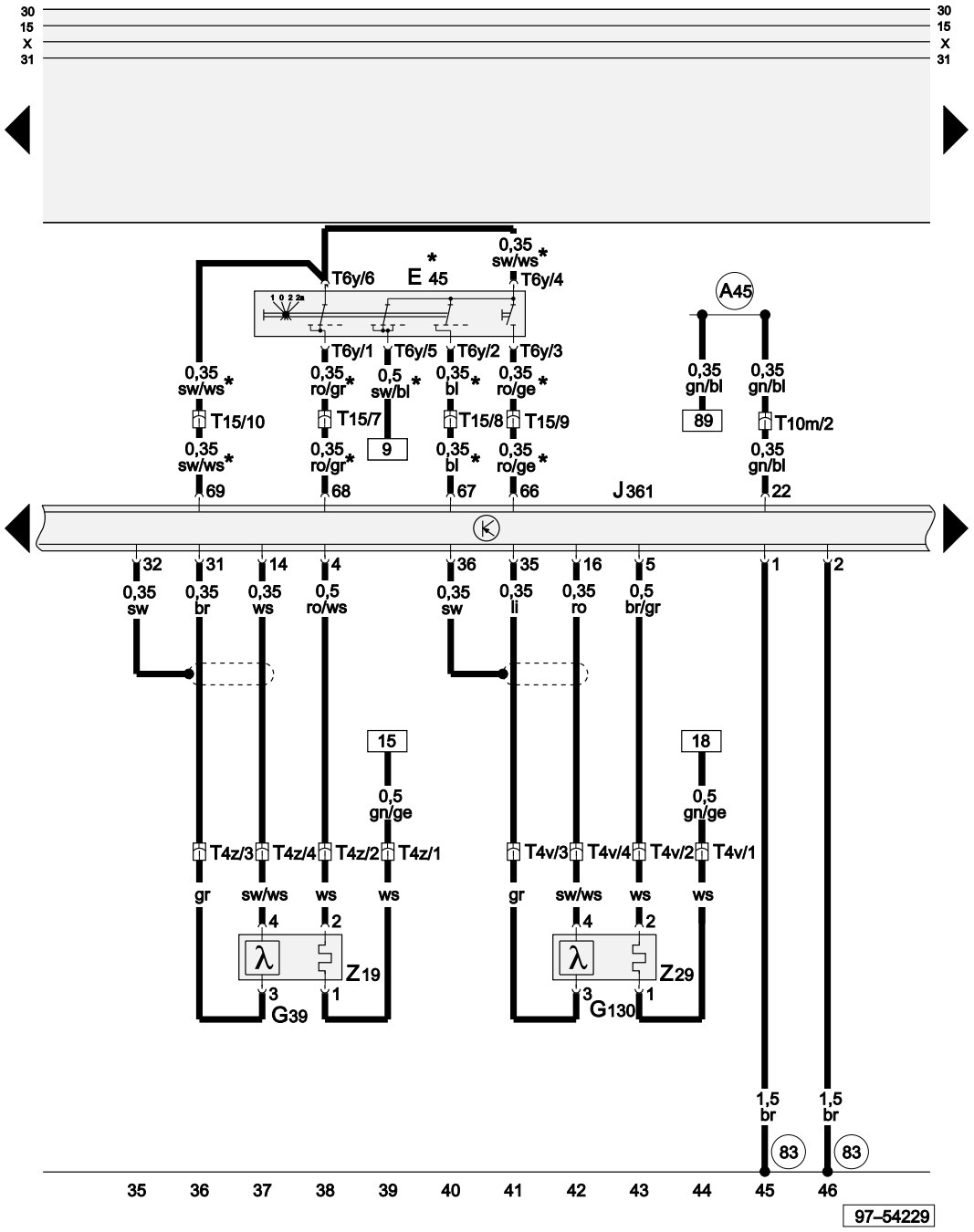


Simos control unit, coolant temperature senders, Hall sender, knock sensor I

E87	Control and display unit for air conditioner
G2	Coolant temperature sender
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
J361	Simos control unit
T3o	3-pin connector, green, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with air conditioner
•	Data bus wire (CAN bus)

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rs	=	pink

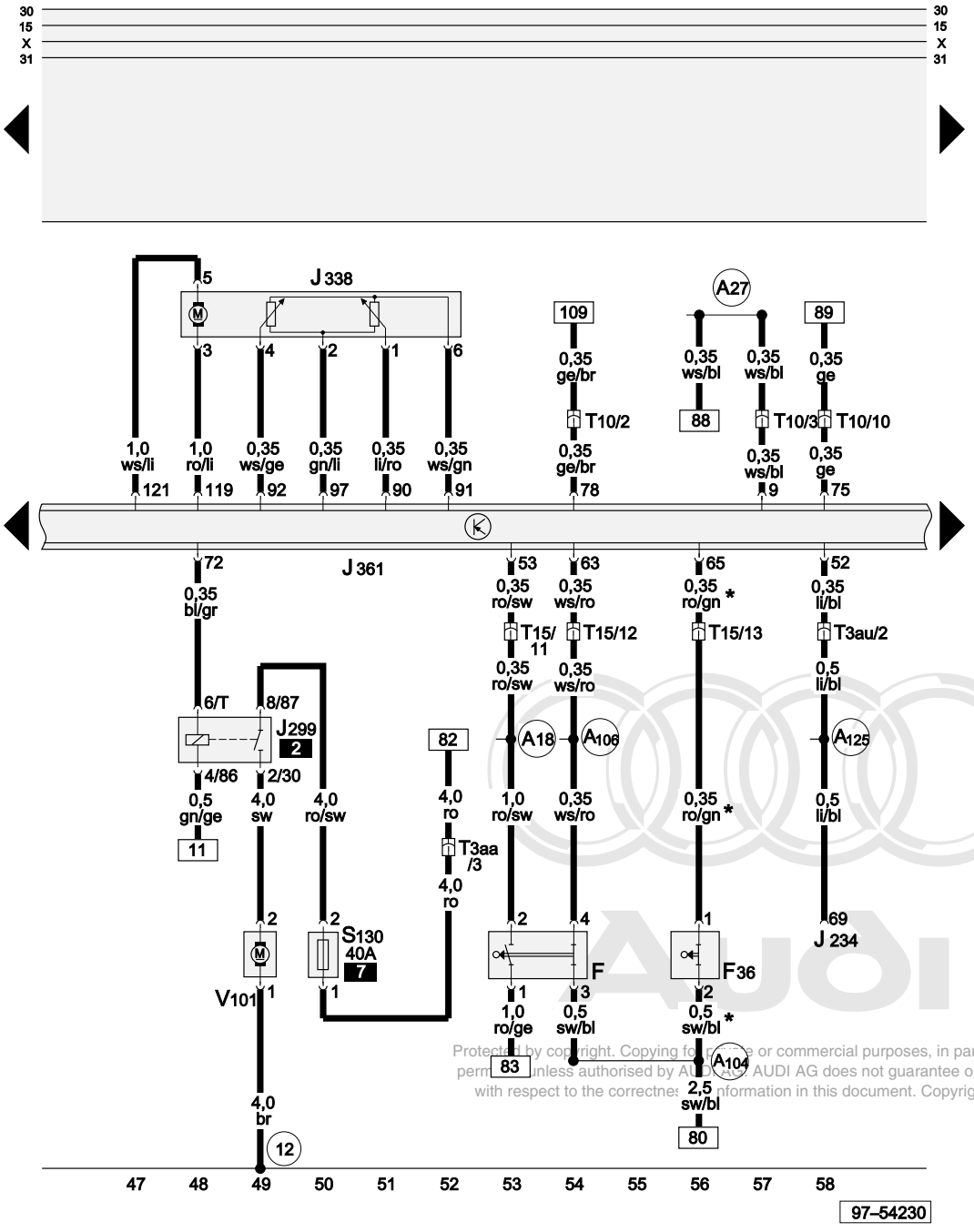


Simos control unit, lambda probe, lambda probe downstream of catalytic converter, cruise control system switch

E45	Cruise control system switch
G39	Lambda probe
G130	Lambda probe downstream of catalytic converter
J361	Simos control unit
T4v	4-pin connector, brown, in engine compartment, left
T4z	4-pin connector, black, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z29	Lambda probe 1 heater, downstream of catalytic converter
83	Earth connection -1-, in front right wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Only models with cruise control system

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rs	=	pink

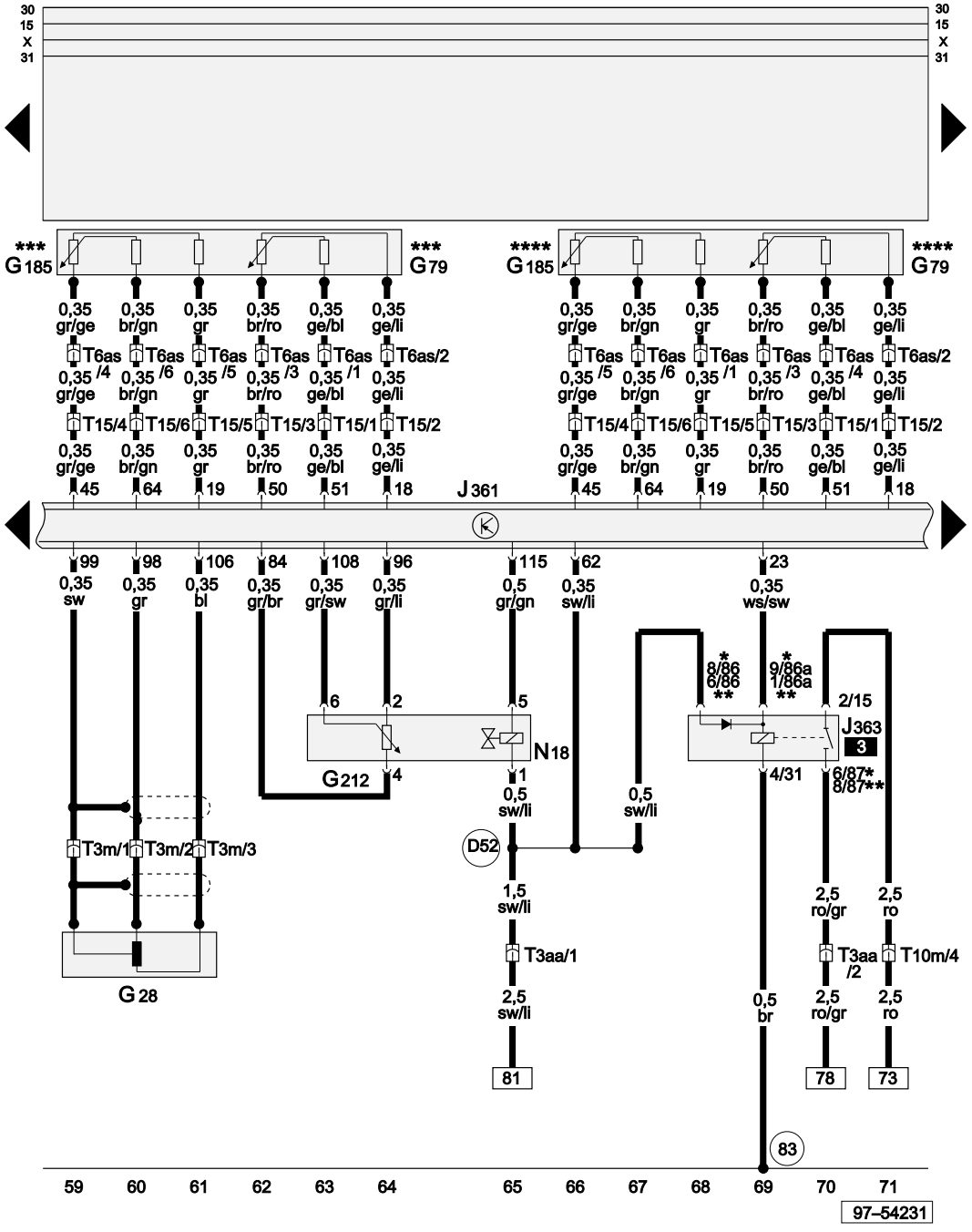


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Simos control unit, brake light switch, throttle valve control unit, clutch pedal switch, secondary air pump motor

F	Brake light switch
F36	Clutch pedal switch
J234	Airbag control unit
J299	Secondary air pump relay
J338	Throttle valve control unit
J361	Simos control unit
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
12	Earth point, in engine compartment, left
A18	Connection (54), in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Does not apply to automatic gearbox

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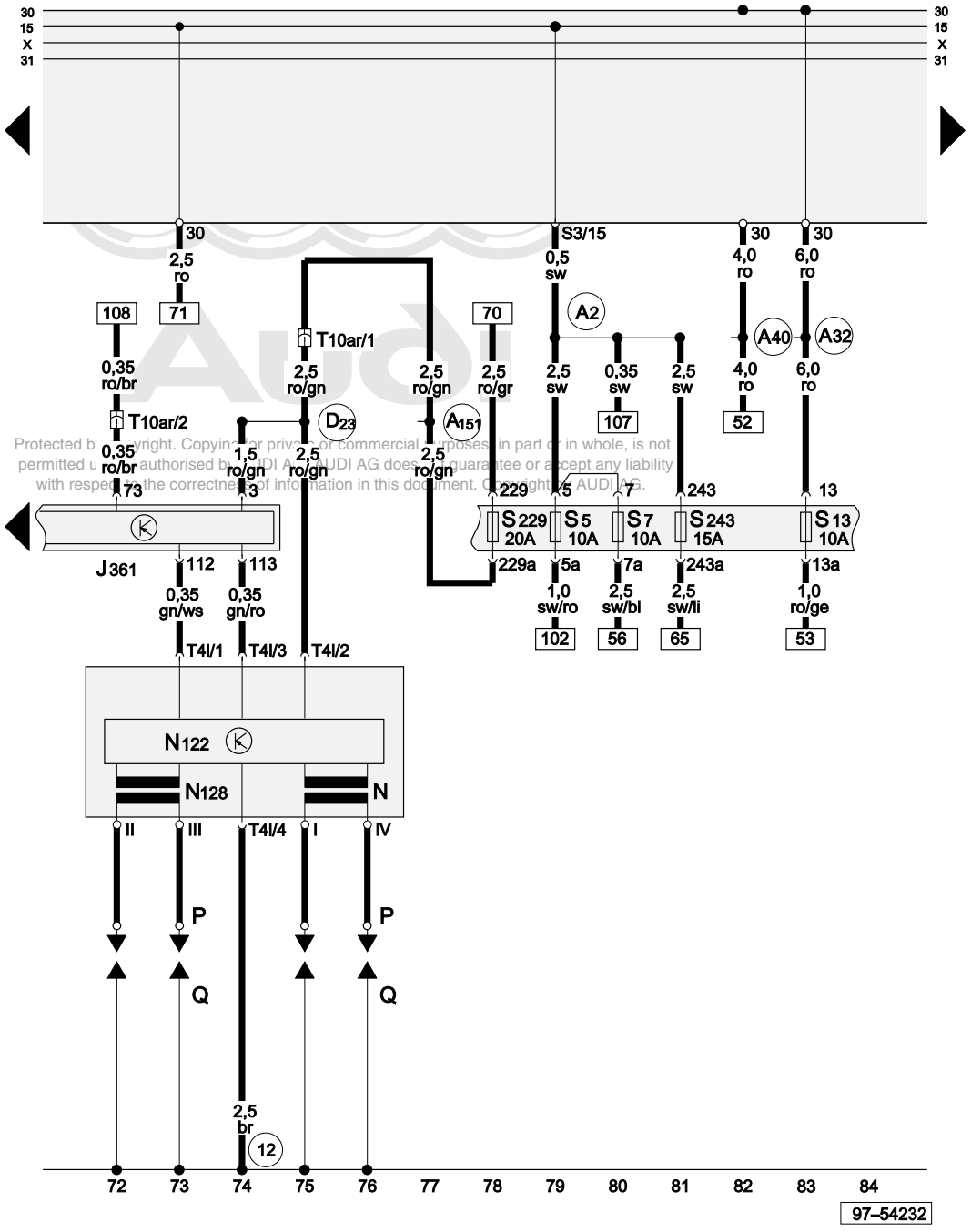


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Simos control unit, accelerator pedal position senders, engine speed sender, current supply relay for Simos control unit, exhaust gas recirculation valve

G28	Engine speed sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
G212	Exhaust gas recirculation potentiometer
J361	Simos control unit
J363	Current supply relay for Simos control unit
N18	Exhaust gas recirculation valve
T3m	3-pin connector, grey, in engine compartment, left
T3aa	3-pin connector, white, connector point, electronics box, in plenum chamber
T6as	6-pin connector, black, near accelerator pedal position sender
T10m	10-pin connector, black, connector point, electronics box, in plenum chamber
T15	15-pin connector, white, connector point, electronics box, in plenum chamber
83	Earth connection -1-, in front right wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness
*	Applicable up to model year 2001
**	Applicable from model year 2002
***	Applicable up to model year 2000
****	Applicable from model year 2001 (phased-in modification)

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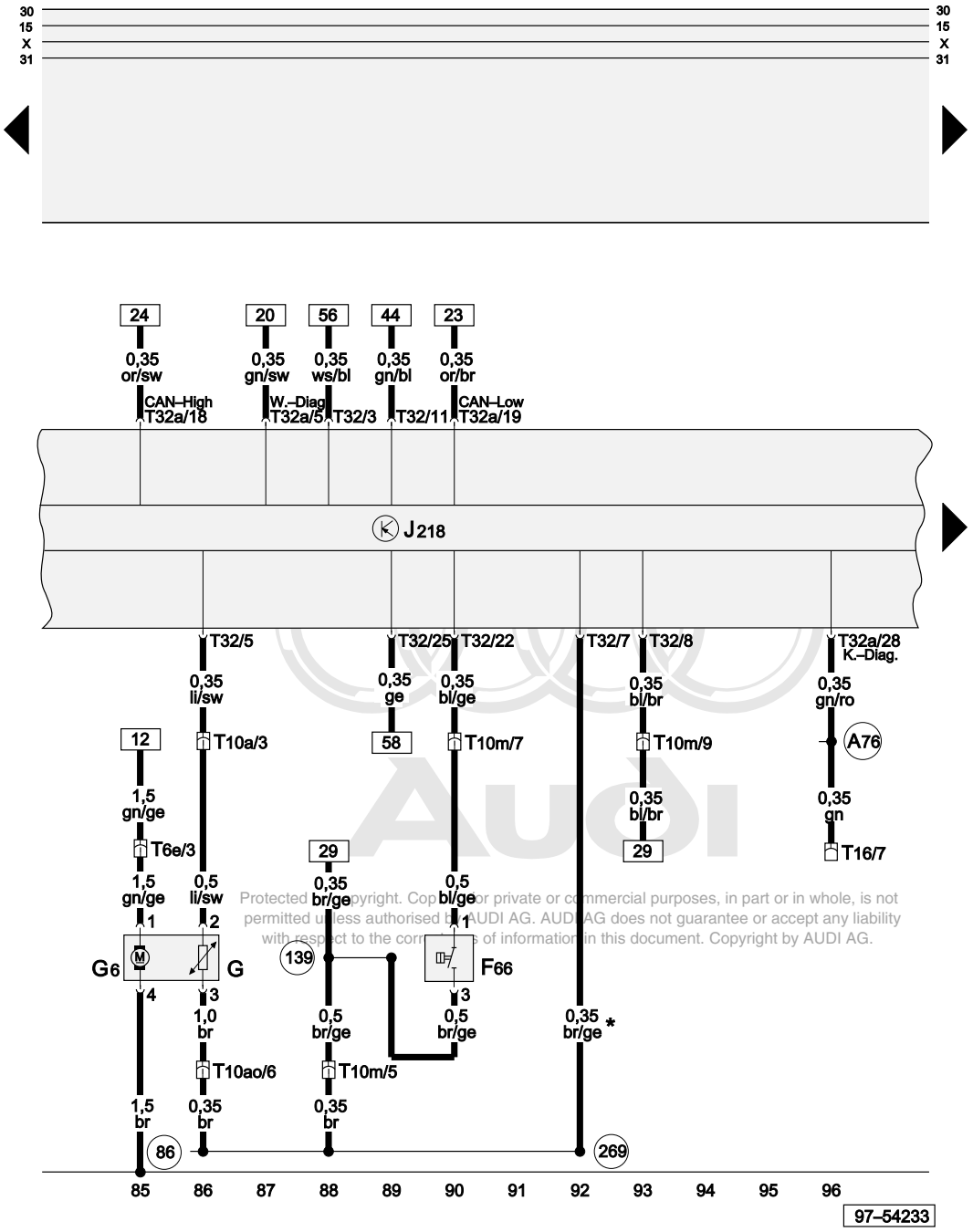


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Simos control unit, ignition coil

J361	Simos control unit
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
P	Spark plug connector
Q	Spark plugs
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S229	Fuse in fuse box
S243	Fuse in fuse box
T4l	4-pin connector, black, on ignition coil
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
12	Earth point, in engine compartment, left
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A151	Connection -4- (87), 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
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

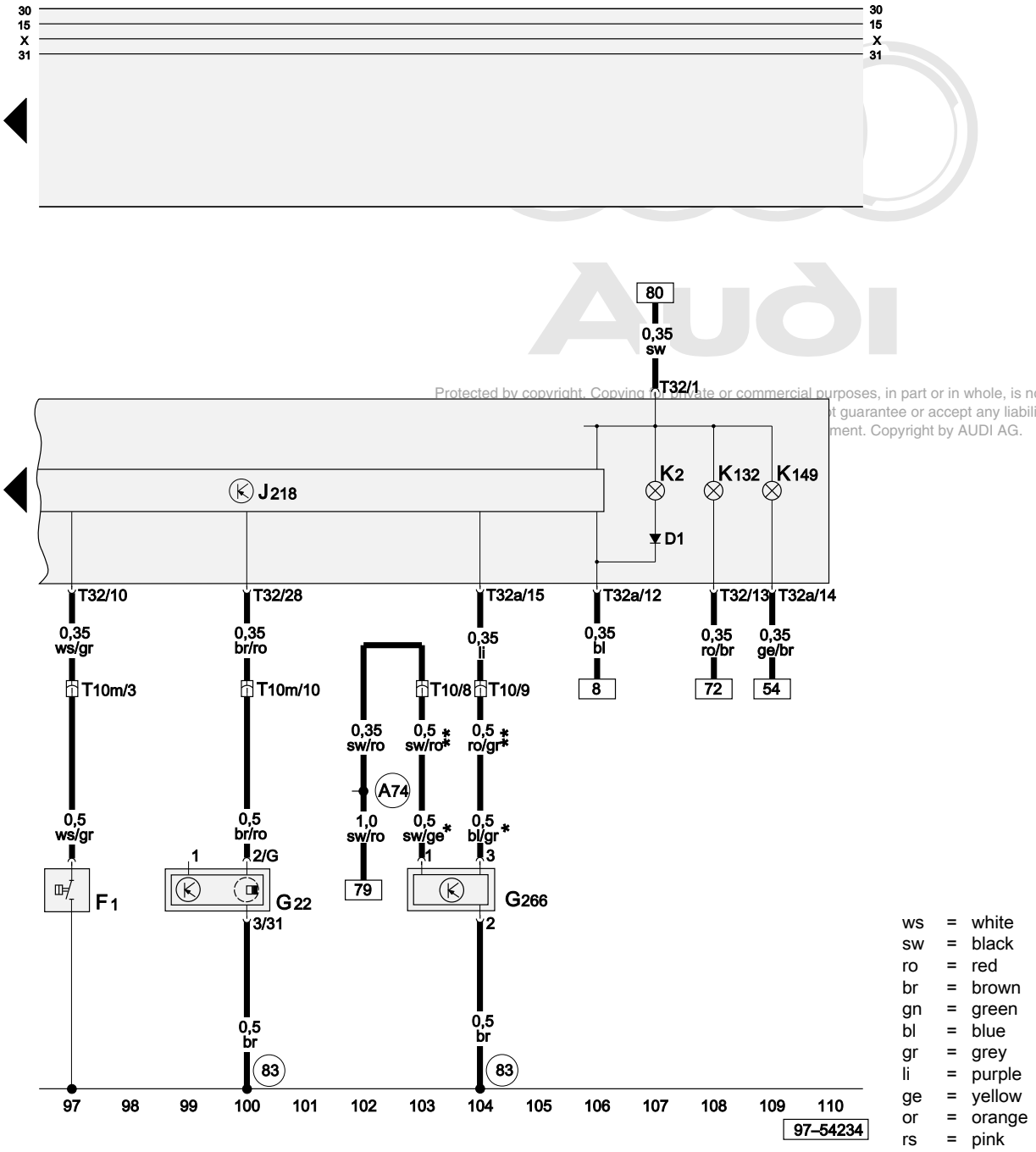


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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth



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, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

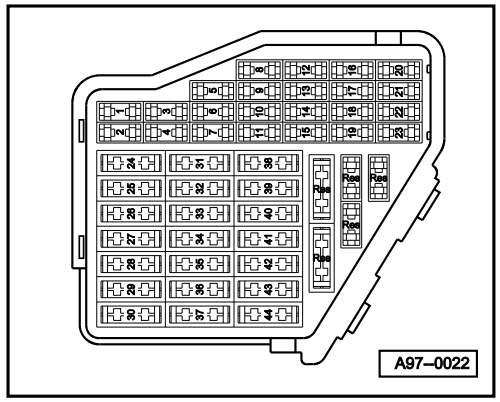
F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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1.8 litre Motronic, 92 kW, 4-cylinder, engine code AVV

From model year 2001

Fuse box

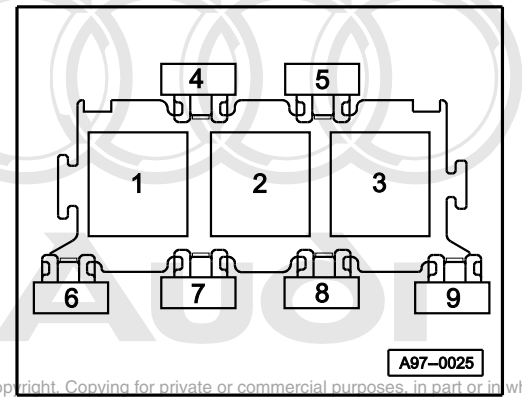


Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - 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:

2 - Secondary air pump relay

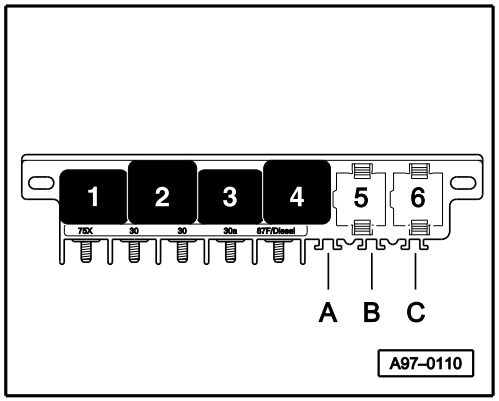
3 - Current supply relay

Position of fuses:

7 - Secondary air pump fuse

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Micro-central electrics

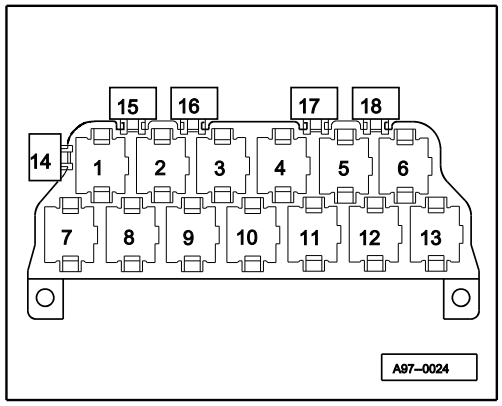


Position of relays:

4 - Fuel pump relay

C - Vacuum pump fuse

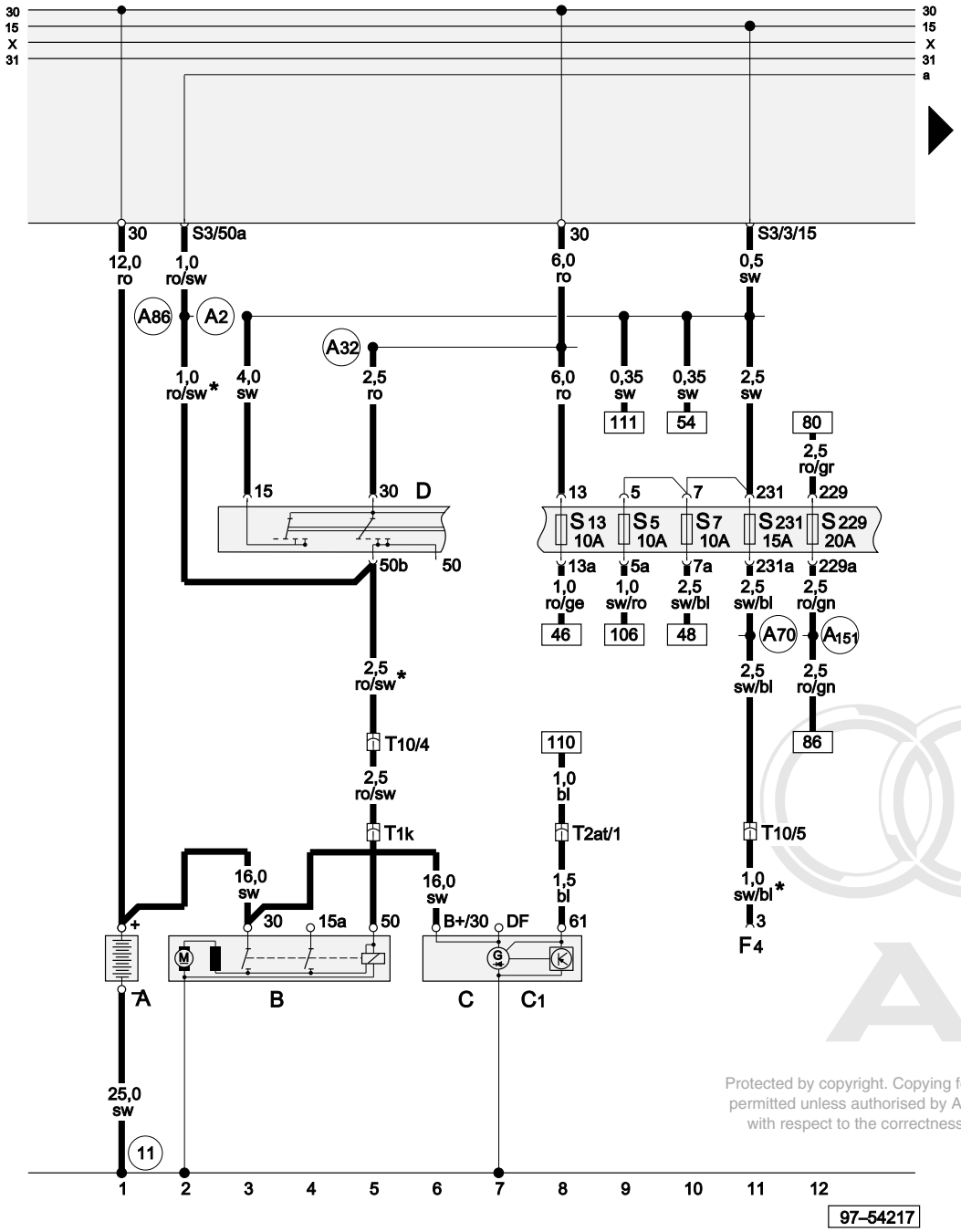
13-point relay carrier:



Position of relays:

10 - Vacuum pump relay

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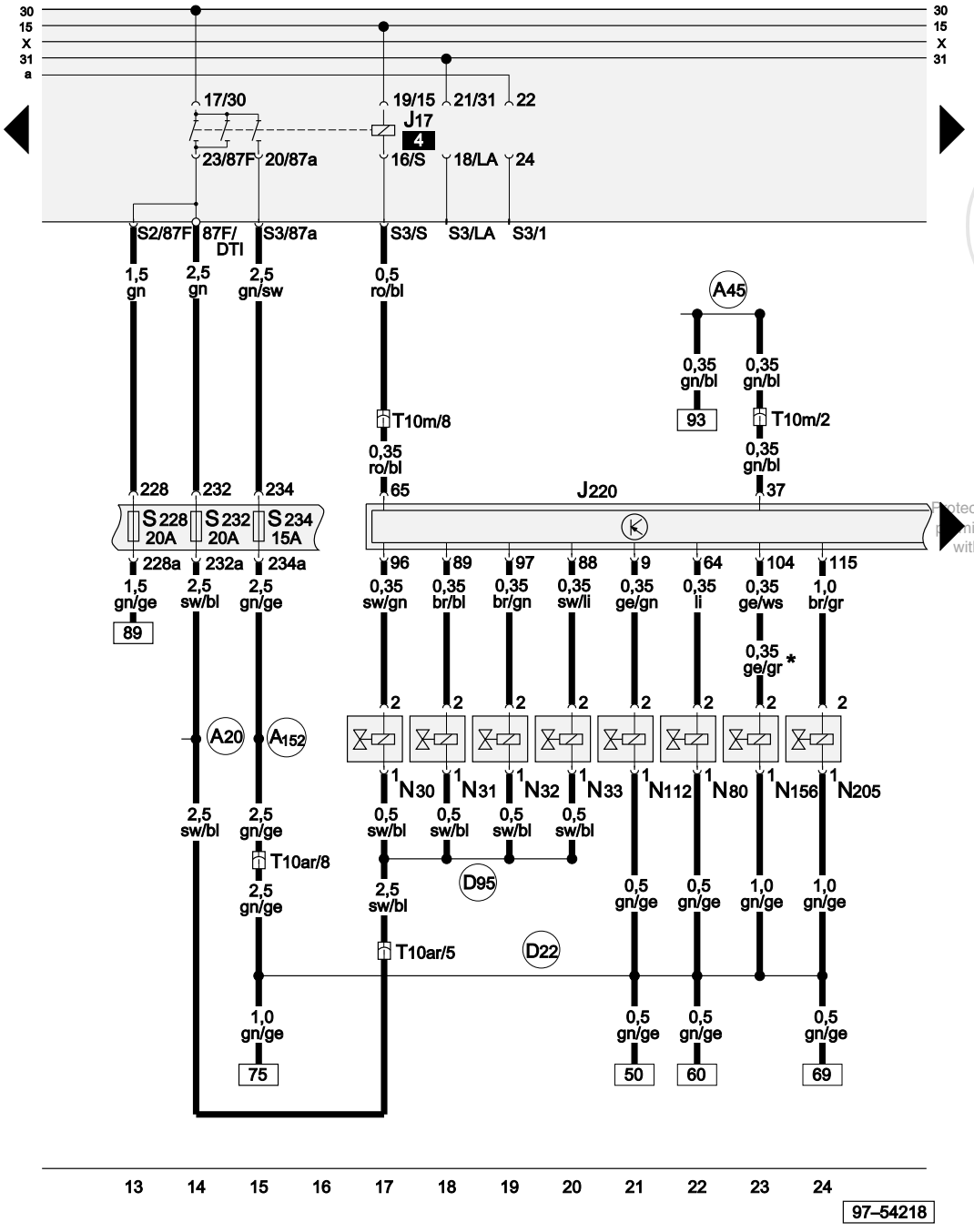


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S229	Fuse in fuse box
S231	Fuse in fuse box
T1k	Single connector, black, in engine compartment, right
T2at	2-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, in plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
A151	Connection -4- (87), in dash panel wiring harness
*	Only models with automatic gearbox

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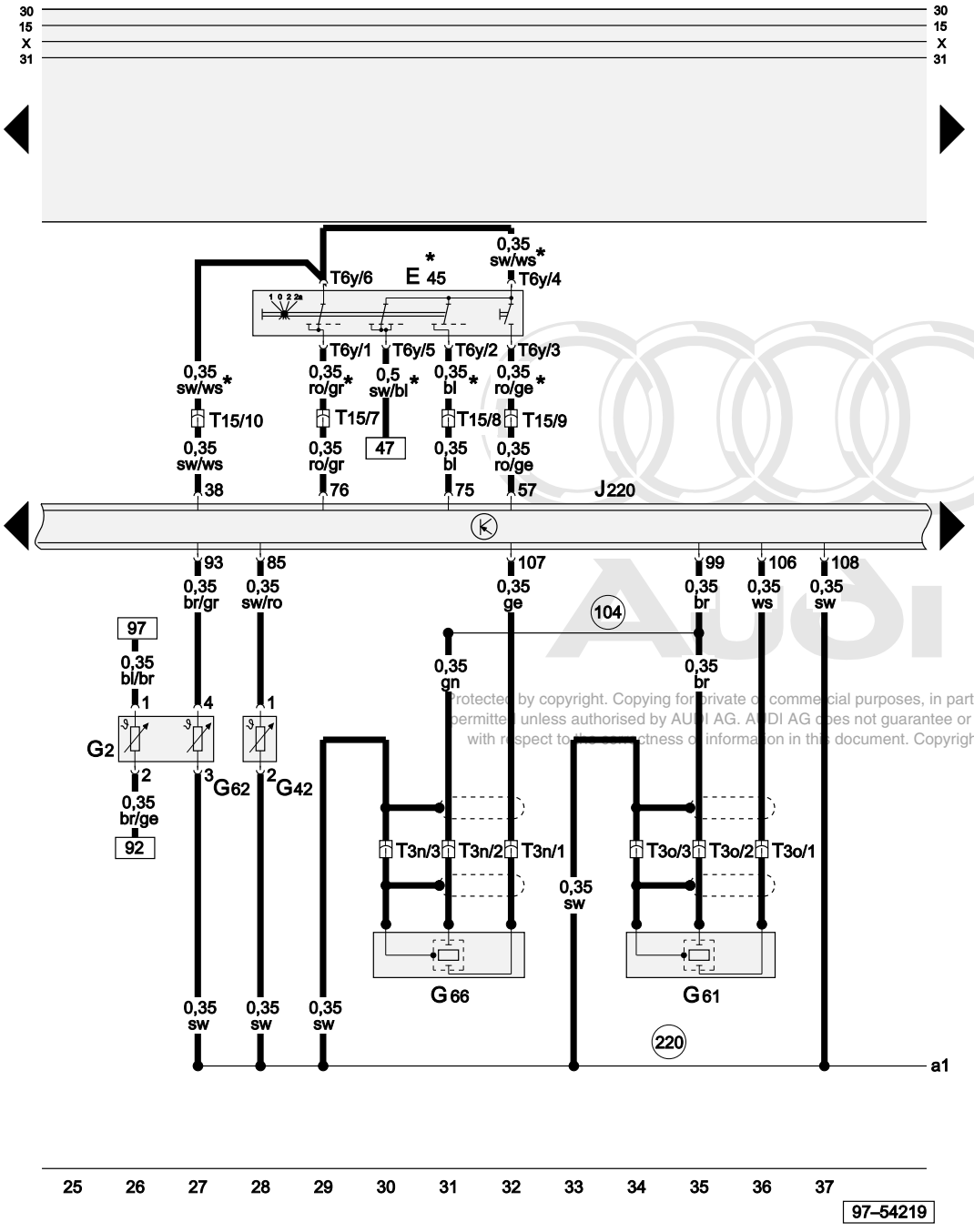


Motronic control unit, fuel pump relay, injectors, activated charcoal filter system solenoid valve 1, secondary air inlet valve, inlet camshaft timing adjustment valve -1-

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
S228	Fuse in fuse box
S232	Fuse in fuse box
S234	Fuse in fuse box
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A20	Connection (15a), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness
D95	Connection (injectors), in engine compartment wiring harness
*	Phased-in modification

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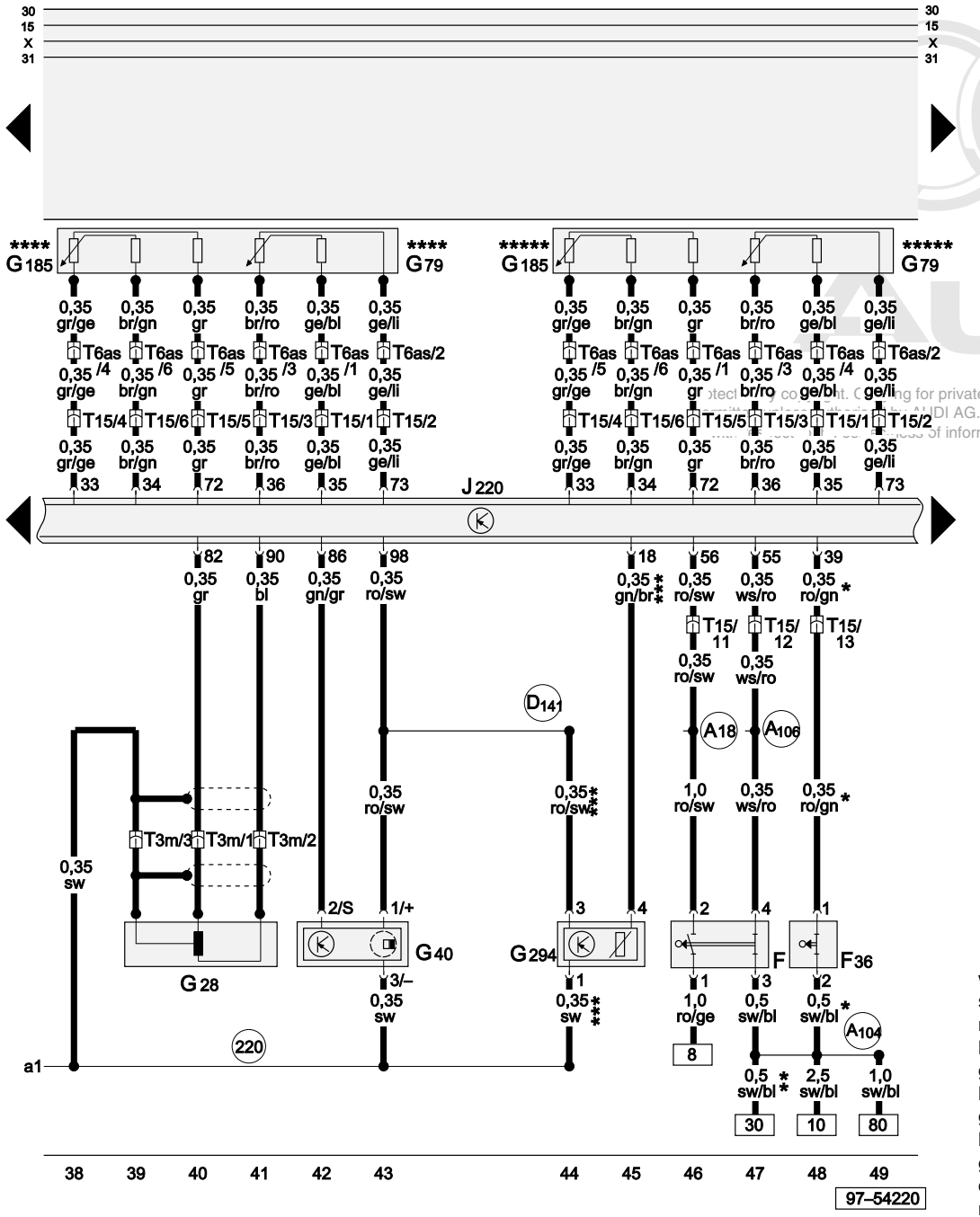


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Motronic control unit, intake air temperature sender, coolant temperature senders, knock sensor

E45	Cruise control system switch
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
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, green, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T15	15-pin connector, white, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
*	Only models with cruise control system

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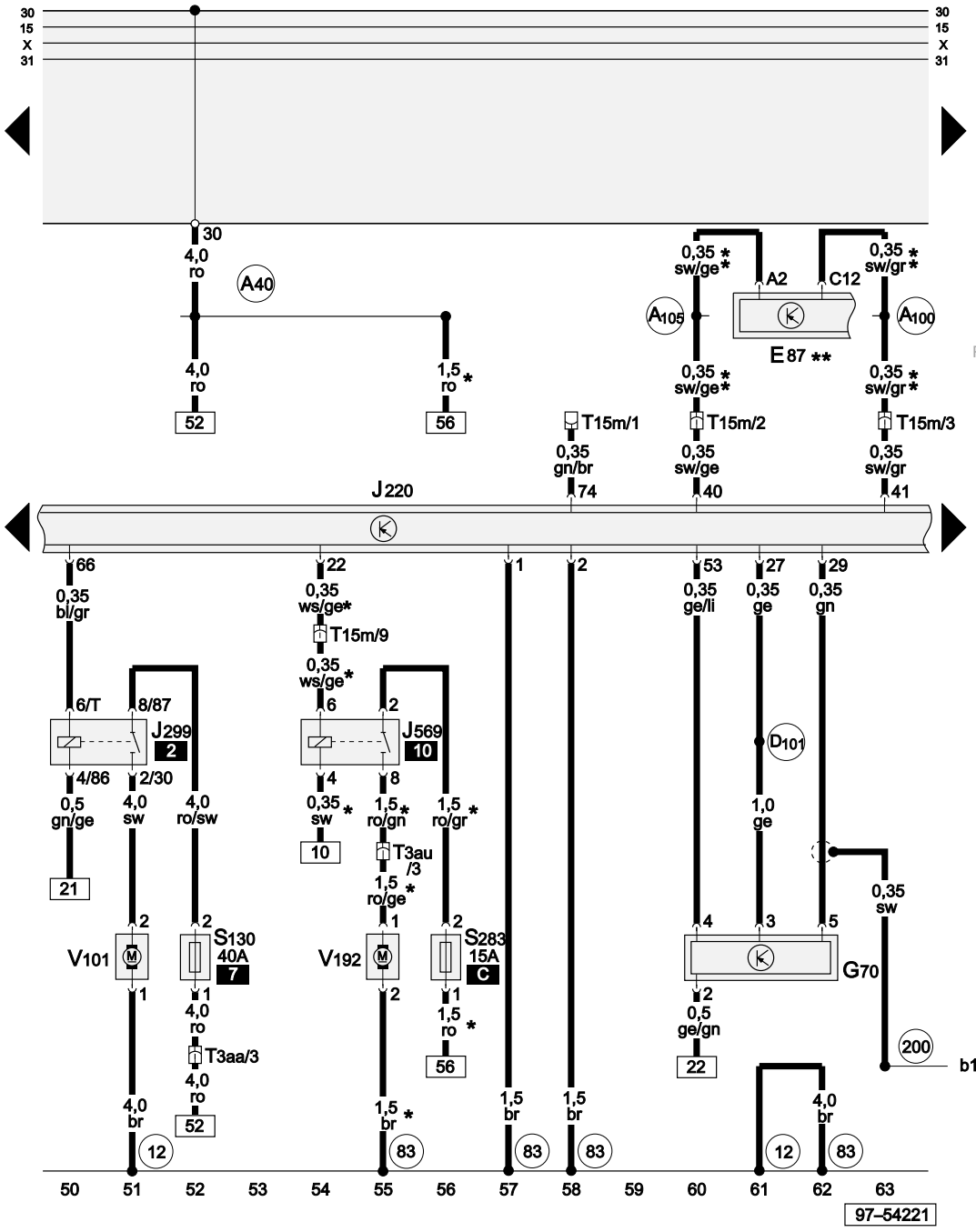
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Motronic control unit, brake light switch, accelerator pedal position senders, Hall sender, engine speed sender, clutch pedal switch

F	Brake light switch
F36	Clutch pedal switch
G28	Engine speed sender
G40	Hall sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
G294	Brake servo pressure sensor
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, near accelerator pedal position sender
T15	15-pin connector, white, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
A18	Connection (54), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D141	Connection (5V), in engine prewiring wiring harness

* Does not apply to automatic gearbox
** Only models with cruise control system
*** Only models with automatic gearbox
**** Applicable up to model year 2000
***** Applicable from model year 2001 (phased-in modification)

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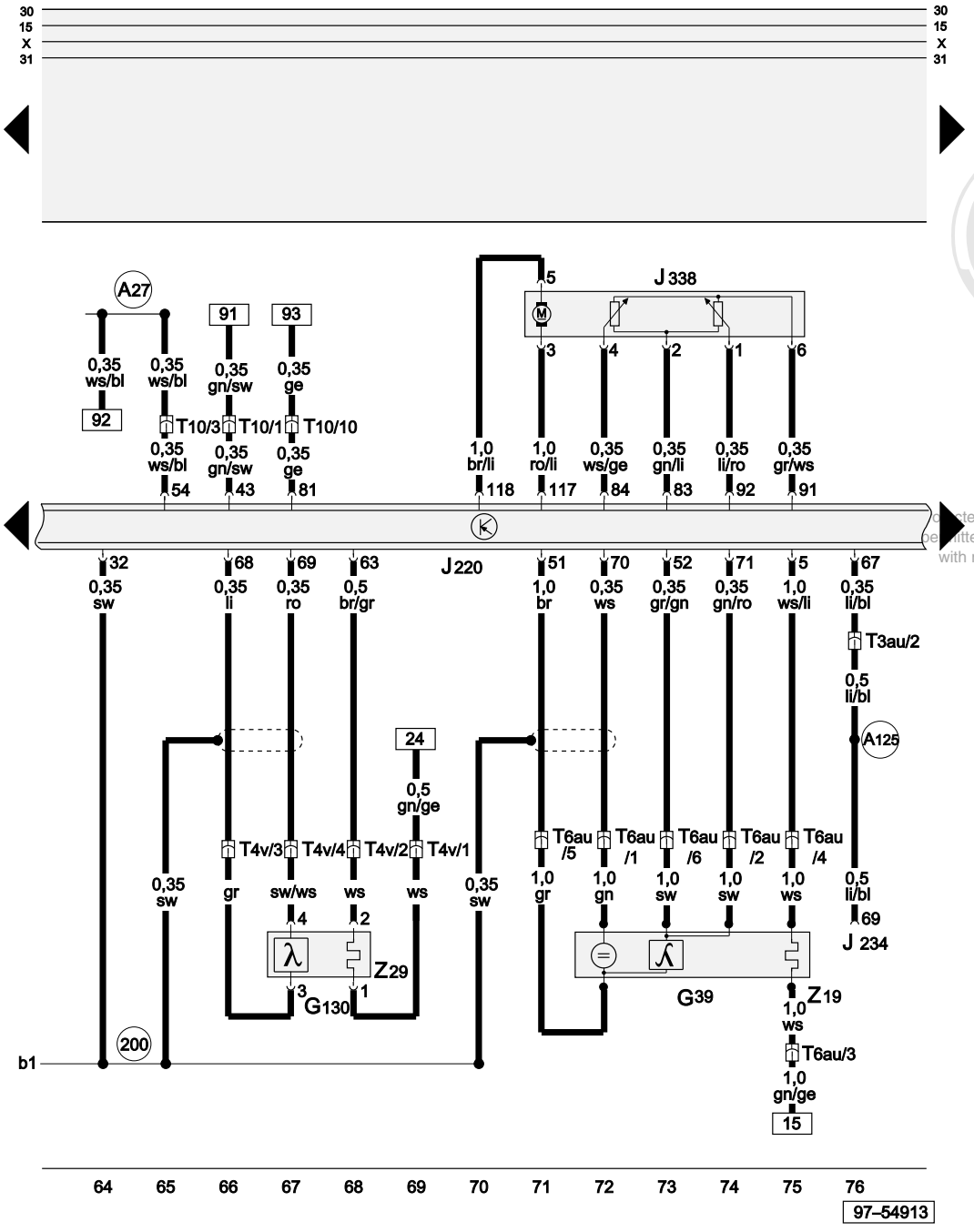


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Motronic control unit, lambda probe, air mass meter, secondary air pump motor

E87	Control and display unit for air conditioner/Climatronic
G70	Air mass meter
J220	Motronic control unit
J299	Secondary air pump relay
J569	Brake servo relay
S130	Secondary air pump fuse
S283	Brake vacuum pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
V192	Vacuum pump for brakes
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Only models with automatic gearbox
**	Only models with air conditioner

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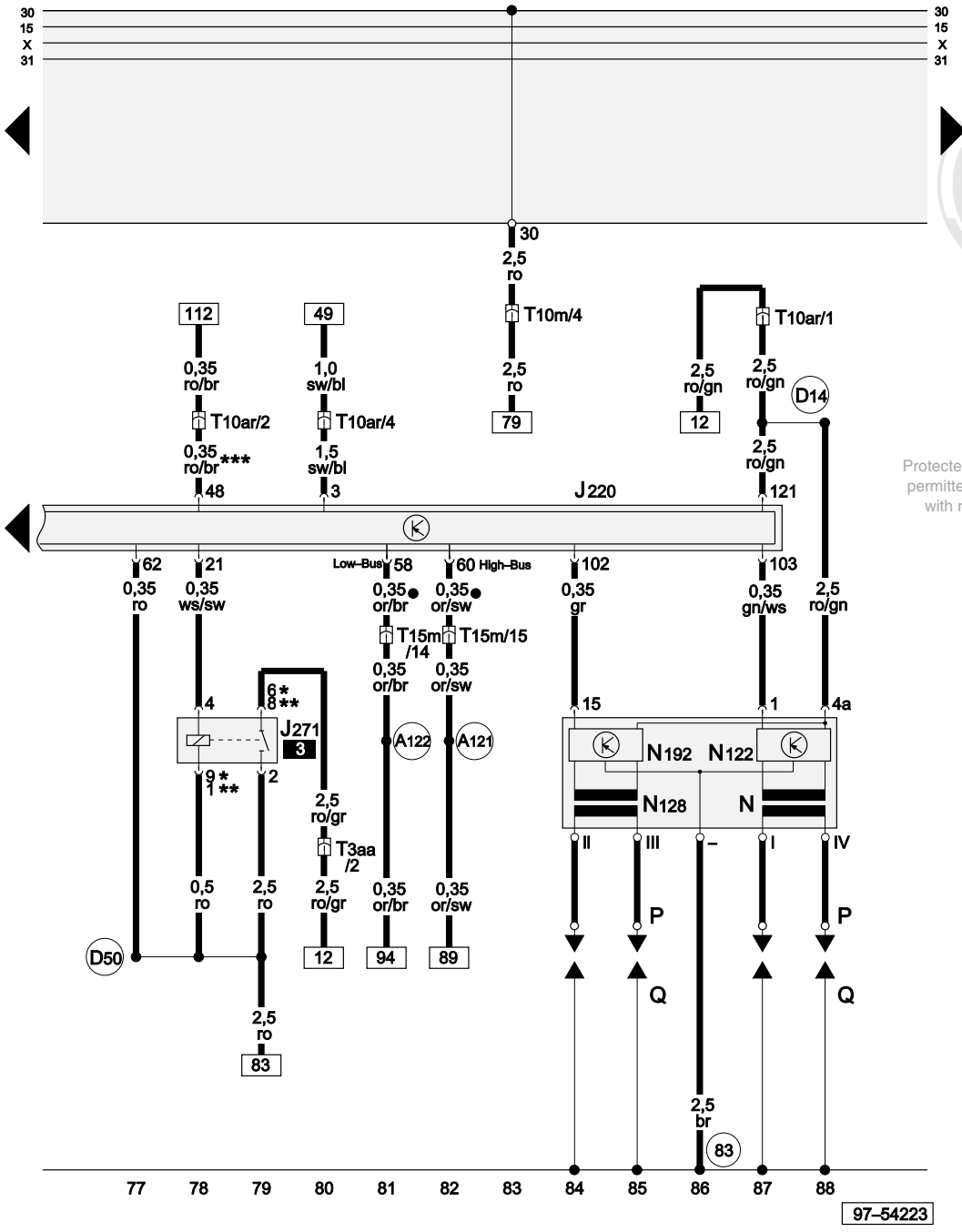


Motronic control unit, lambda probe, throttle valve control unit, airbag control unit

G39	Lambda probe
G130	Lambda probe downstream of catalytic converter
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4v	4-pin connector, brown, in engine compartment, left
T6au	6-pin connector, black, in engine compartment, left
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z29	Lambda probe 1 heater, downstream of catalytic converter
200	Earth connection (screening), in engine compartment wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness

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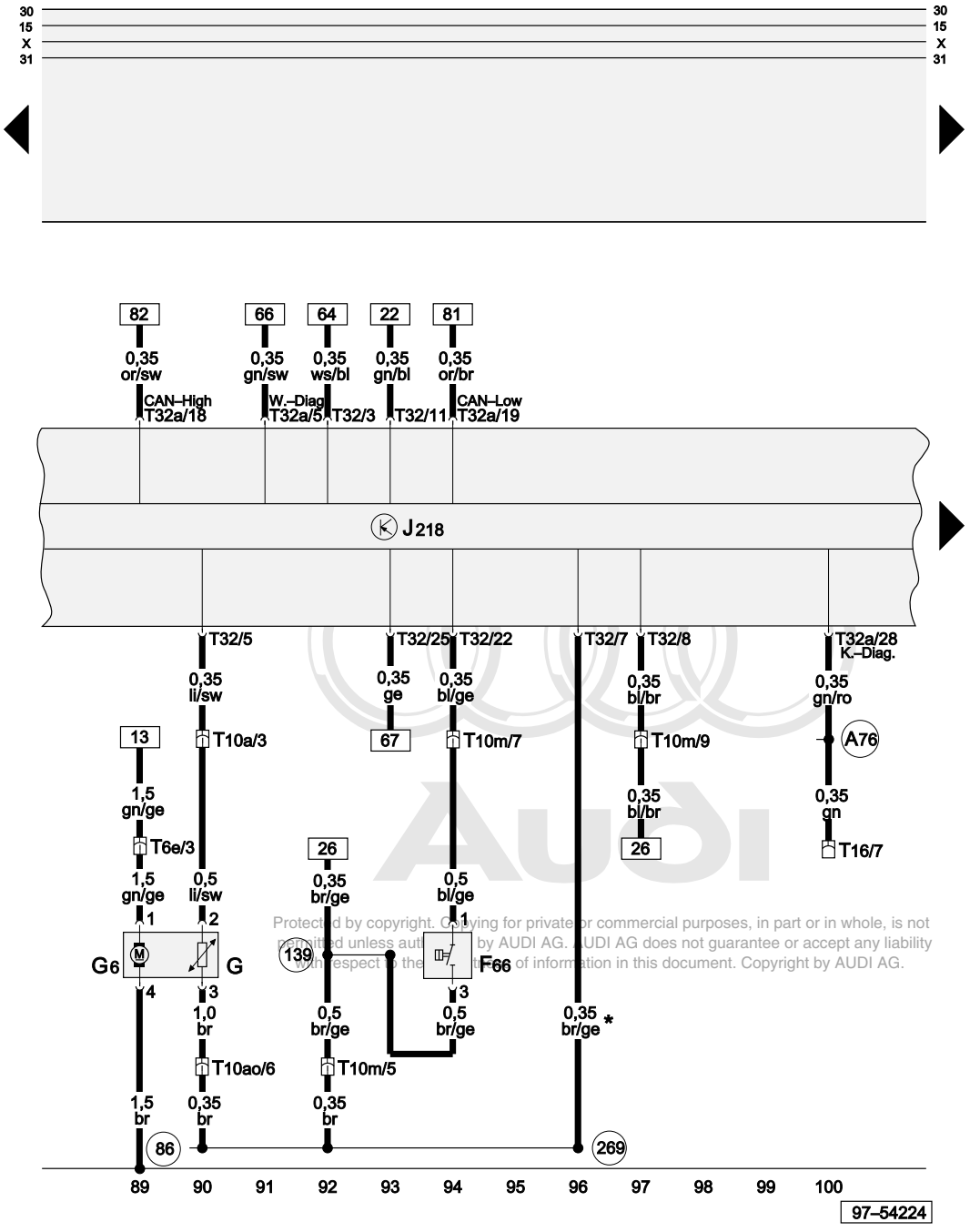
Motronic control unit, Motronic current supply relay, ignition coil

J220	Motronic control unit
J271	Motronic current supply relay
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
N192	Final output stage 2
P	Spark plug connector
Q	Spark plugs
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber

83	Earth connection -1-, in front right wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness

*	Applicable up to model year 2001
**	Applicable from model year 2002
***	As of model year 2001 no longer fitted (phased-in modification)
•	Data bus wire (CAN bus)

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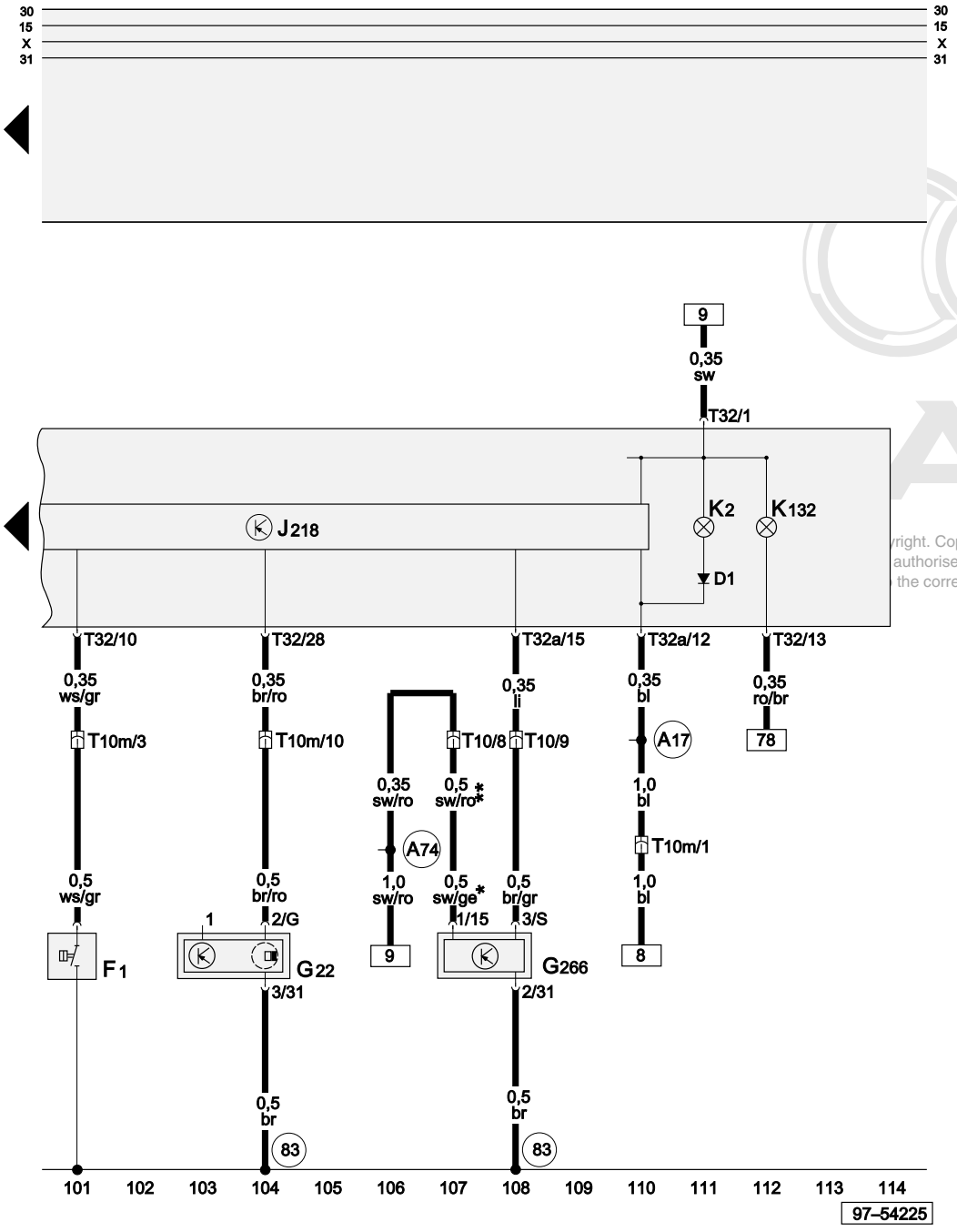


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Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth



Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

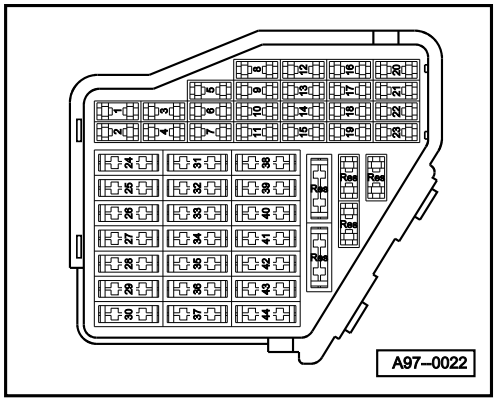
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1.8 litre - Motronic, 110 kW, 4-cylinder, engine code AWT

From model year 2001

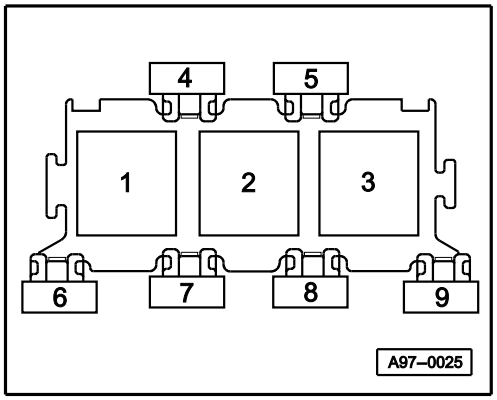
Fuse box



Fuse colours:
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - 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:

2 - Secondary air pump relay

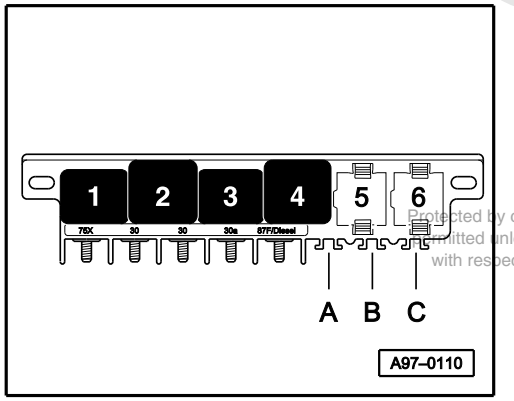
3 - Current supply relay

Position of fuses:

5 - Fuse for camshaft adjustment valve

7 - Secondary air pump fuse

Micro-central electrics



Position of relays:

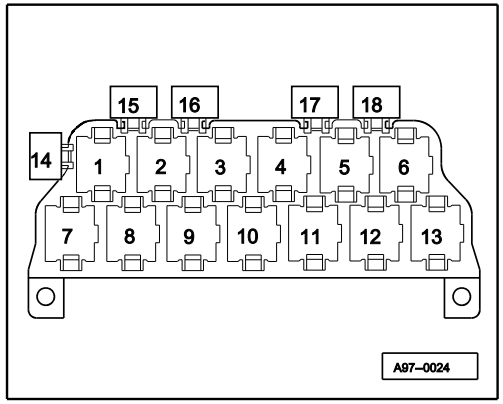
4 - Fuel pump relay

Position of fuses:

C - Vacuum pump fuse

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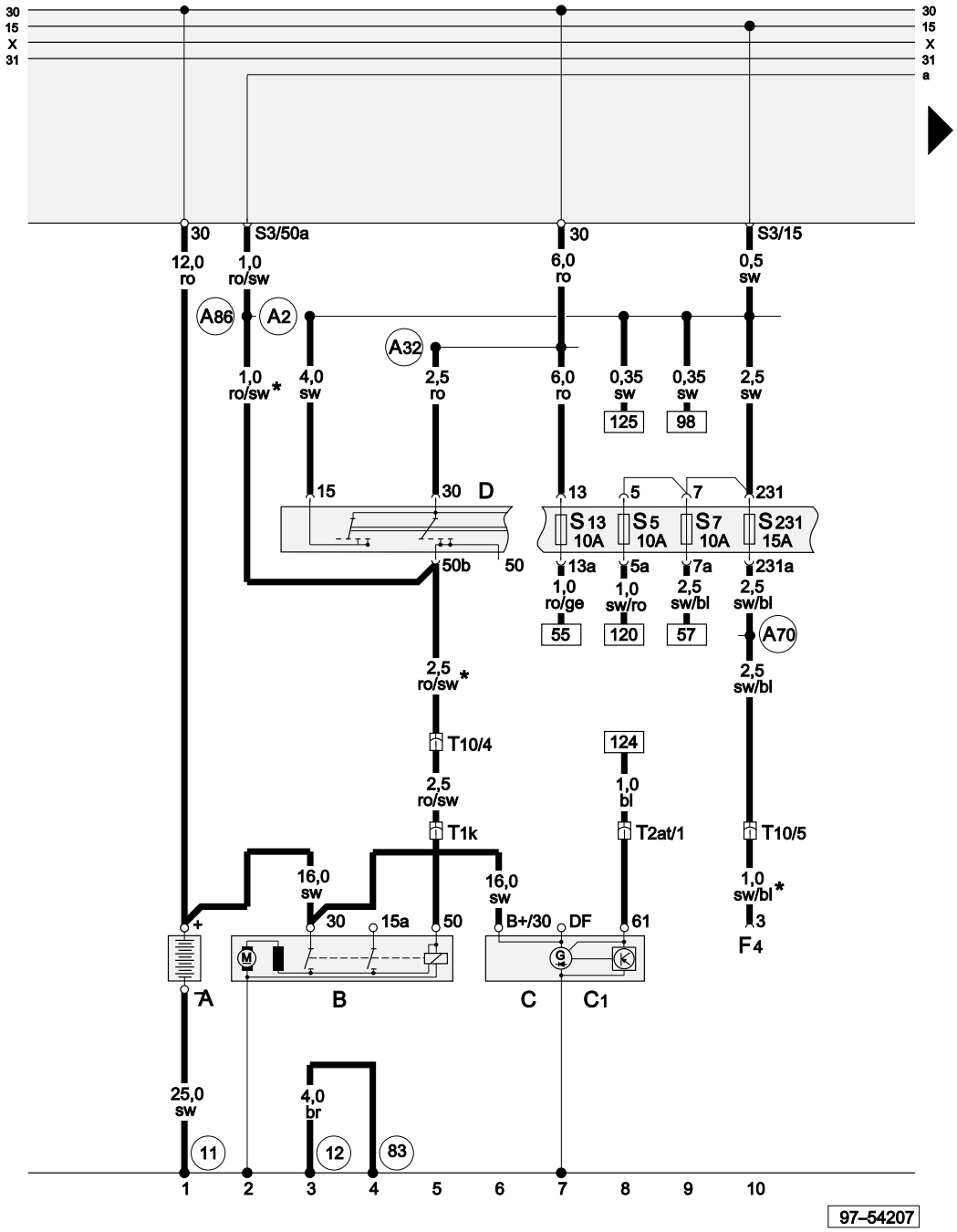
13-point relay carrier:



Position of relays:

10 - Vacuum pump relay

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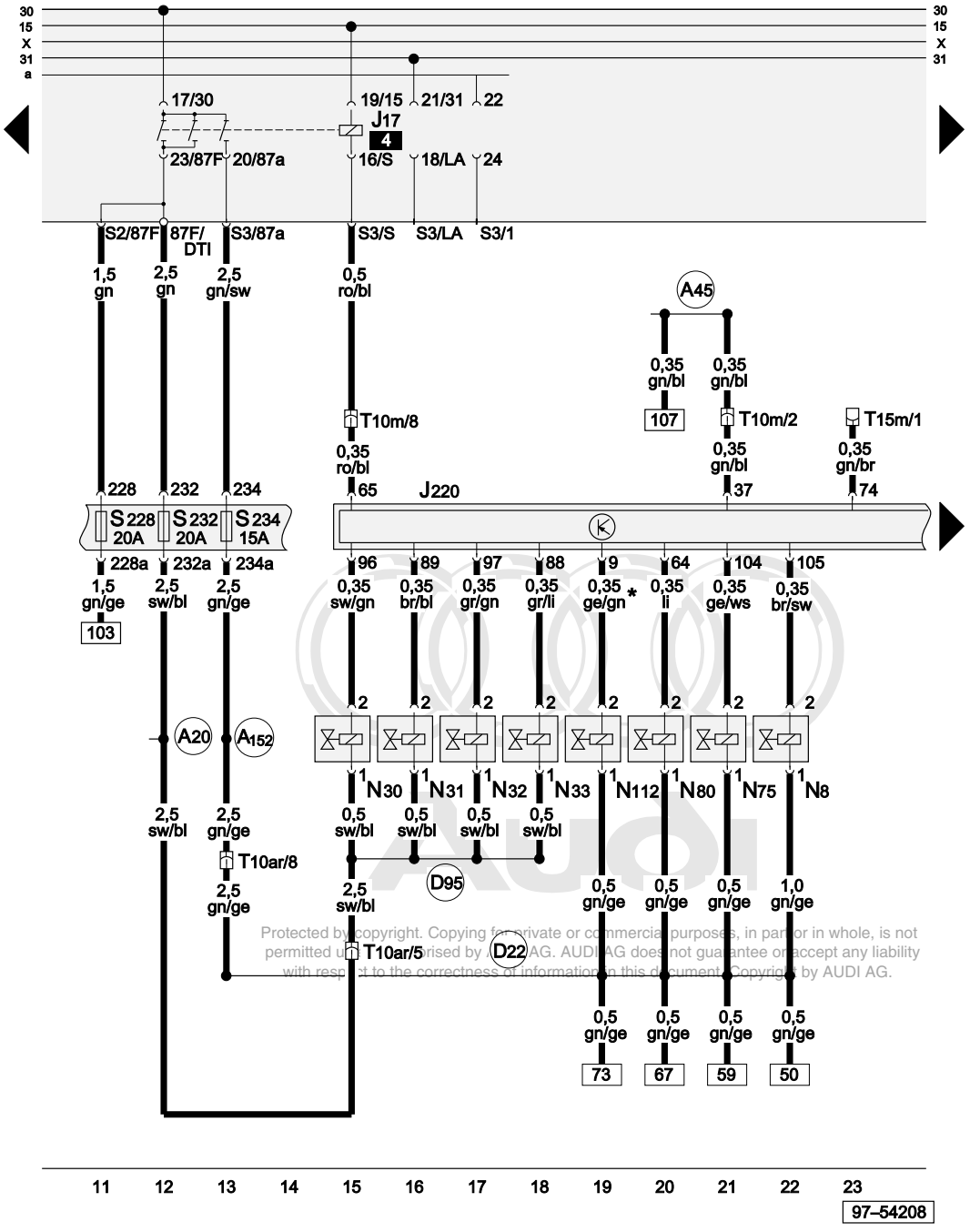


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F4	Reversing light switch
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S231	Fuse in fuse box
T1k	Single connector, black, in engine compartment, right
T2at	2-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, in plenum chamber
11	Earth point, in battery box
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Does not apply to automatic gearbox

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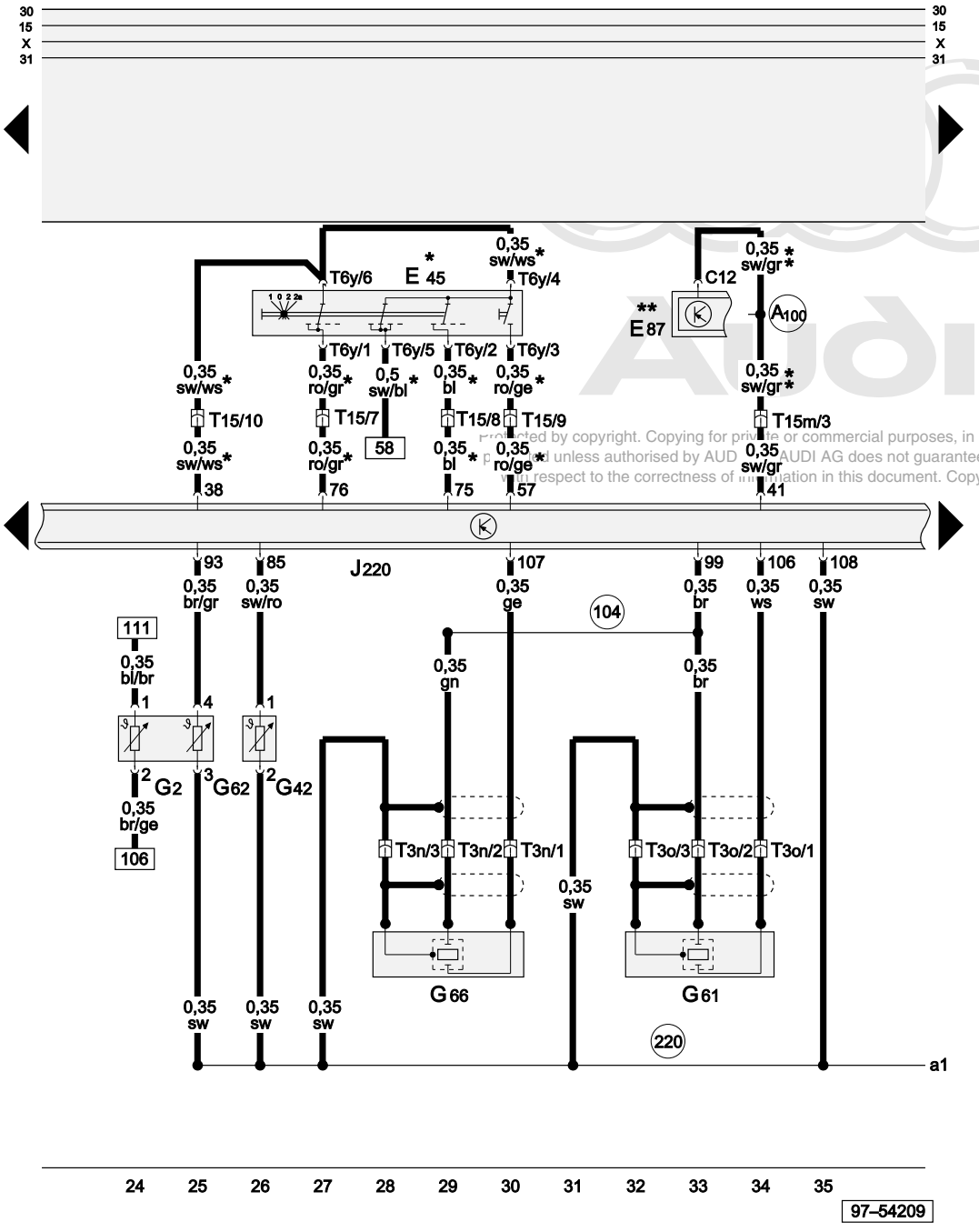


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Motronic control unit, fuel pump relay, injectors, secondary air inlet valve, activated charcoal filter system solenoid valve 1, charge pressure control solenoid valve

J17	Fuel pump relay
J220	Motronic control unit
N8	By-pass air cut-off valve
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
N112	Secondary air inlet valve
S228	Fuse in fuse box
S232	Fuse in fuse box
S234	Fuse in fuse box
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A20	Connection (15a), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness
D95	Connection (injectors), in engine compartment wiring harness

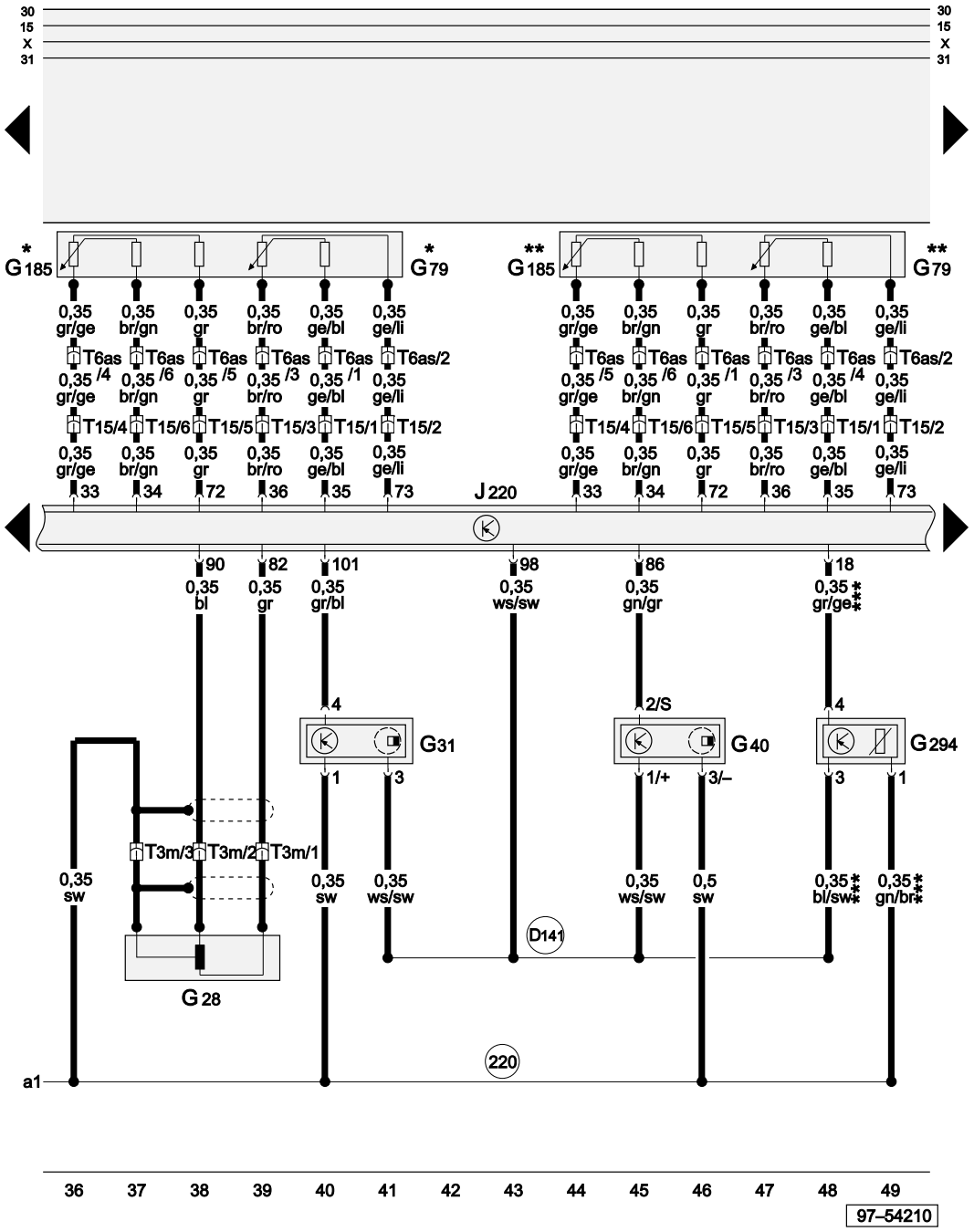


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Motronic control unit, intake air temperature sender, coolant temperature senders, knock sensor

E45	Cruise control system switch
E87	Control and display unit for air conditioner/Climatronic
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
T3n	3-pin connector, blue, in engine compartment, left
T3o	3-pin connector, green, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
A100	Connection -2- (87), in dash panel wiring harness
*	Only models with cruise control system
**	Only models with air conditioner

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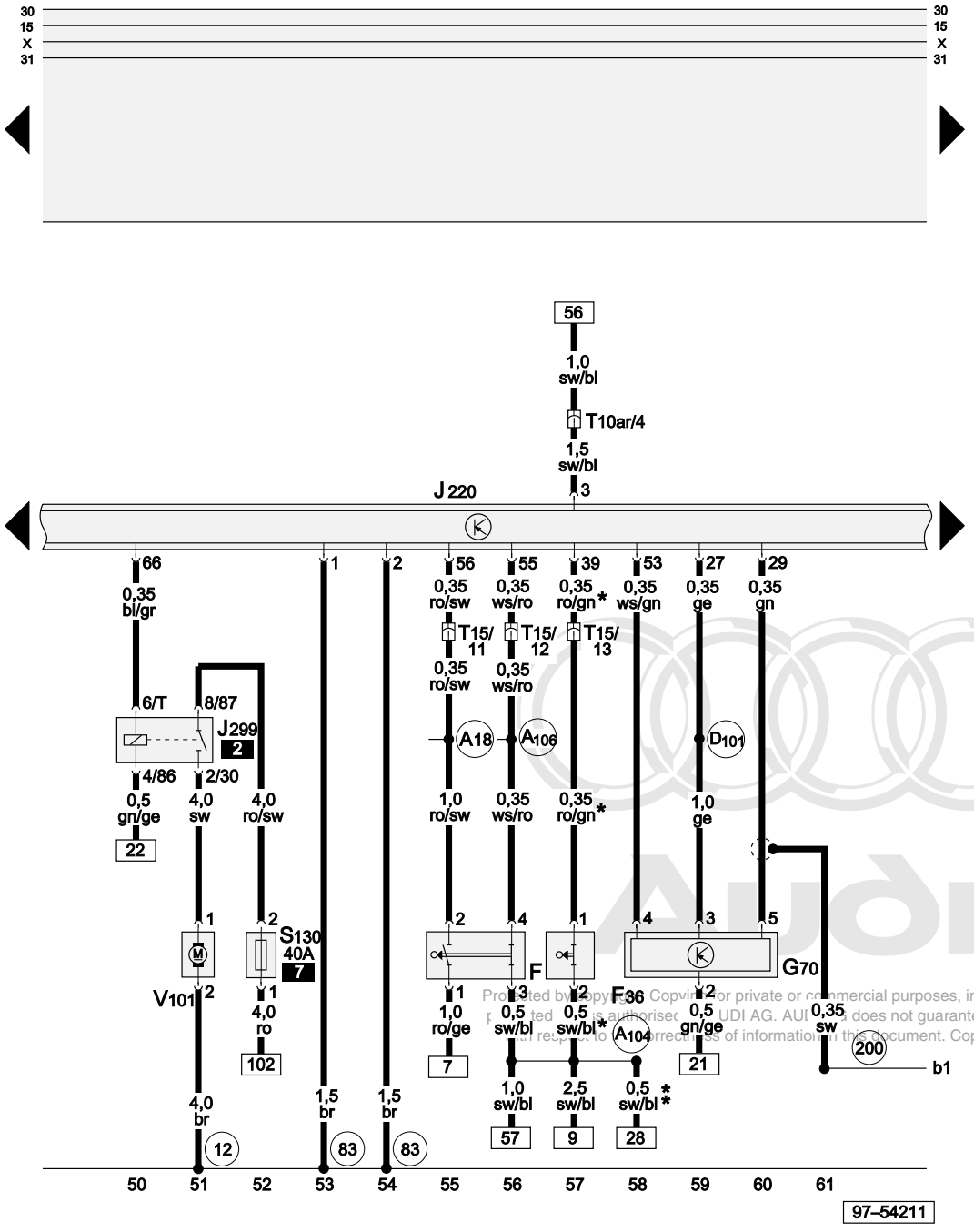


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Motronic control unit, accelerator pedal position senders, Hall sender, engine speed sender

G28	Engine speed sender
G31	Charge air pressure sender
G40	Hall sender
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
G294	Brake servo pressure sensor
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, near accelerator pedal position sender
T15	15-pin connector, white, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V), in engine prewiring wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001 (phased-in modification)
***	Only models with automatic gearbox (from model year 2002)

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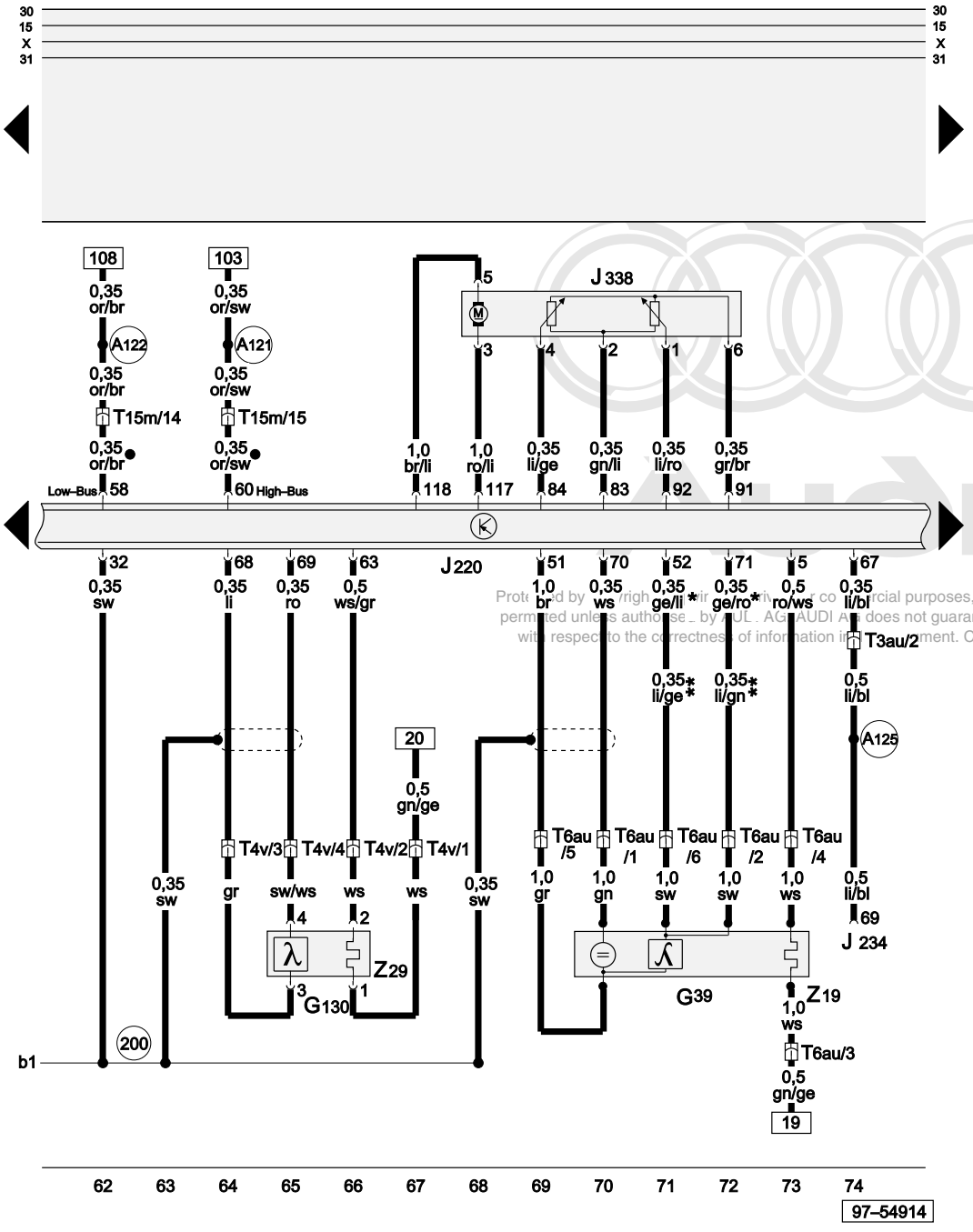


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Motronic control unit, air mass meter, secondary air pump motor

F	Brake light switch
F36	Clutch pedal switch
G70	Air mass meter
J220	Motronic control unit
J299	Secondary air pump relay
S130	Secondary air pump fuse
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A18	Connection (54), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Does not apply to automatic gearbox
**	Only models with cruise control system

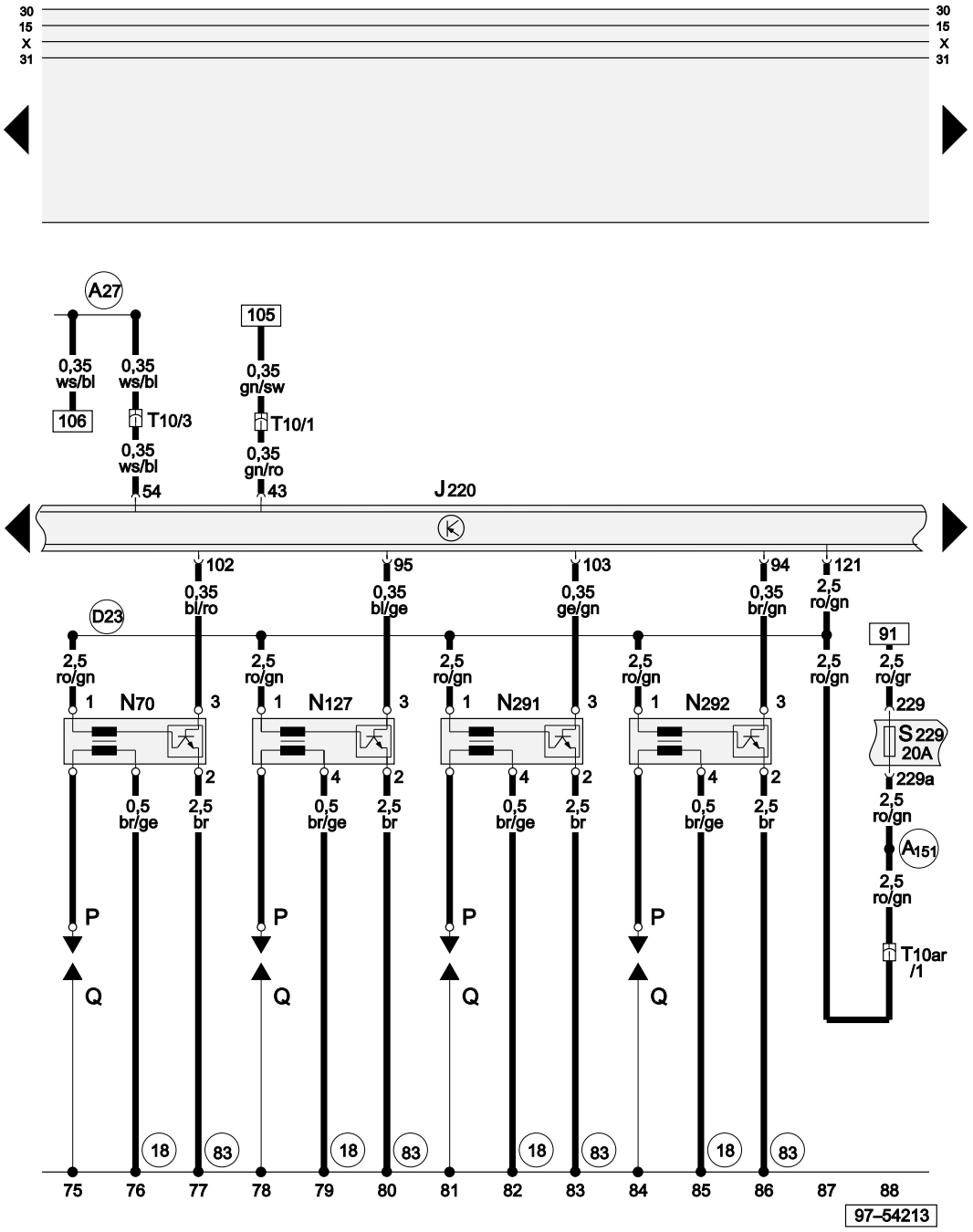


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Motronic control unit, throttle valve control unit, lambda probe

G39	Lambda probe
G130	Lambda probe downstream of catalytic converter
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4v	4-pin connector, brown, in engine compartment, left
T6au	6-pin connector, black, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z29	Lambda probe 1 heater, downstream of catalytic converter
200	Earth connection (screening), in engine compartment wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Applicable up to model year 2001
**	Applicable from model year 2002
•	Data wire

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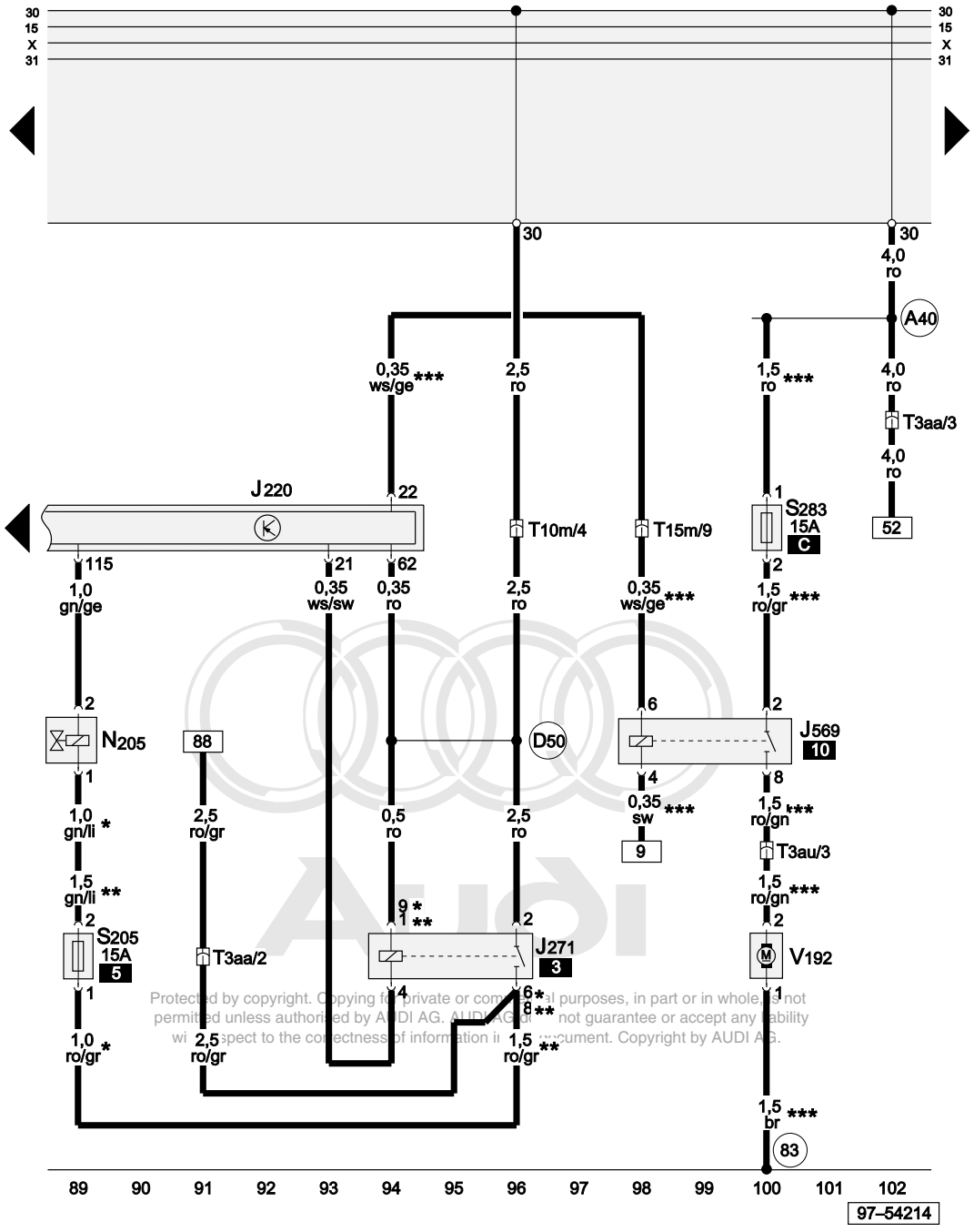


Motronic control unit, ignition coils with output stages

J220	Motronic control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
S229	Fuse in fuse box
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
18	Earth point, on cylinder block
83	Earth connection -1-, in front right wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A151	Connection -4- (87), in dash panel wiring harness
D23	Connection (via fuse 229), in front right wiring harness

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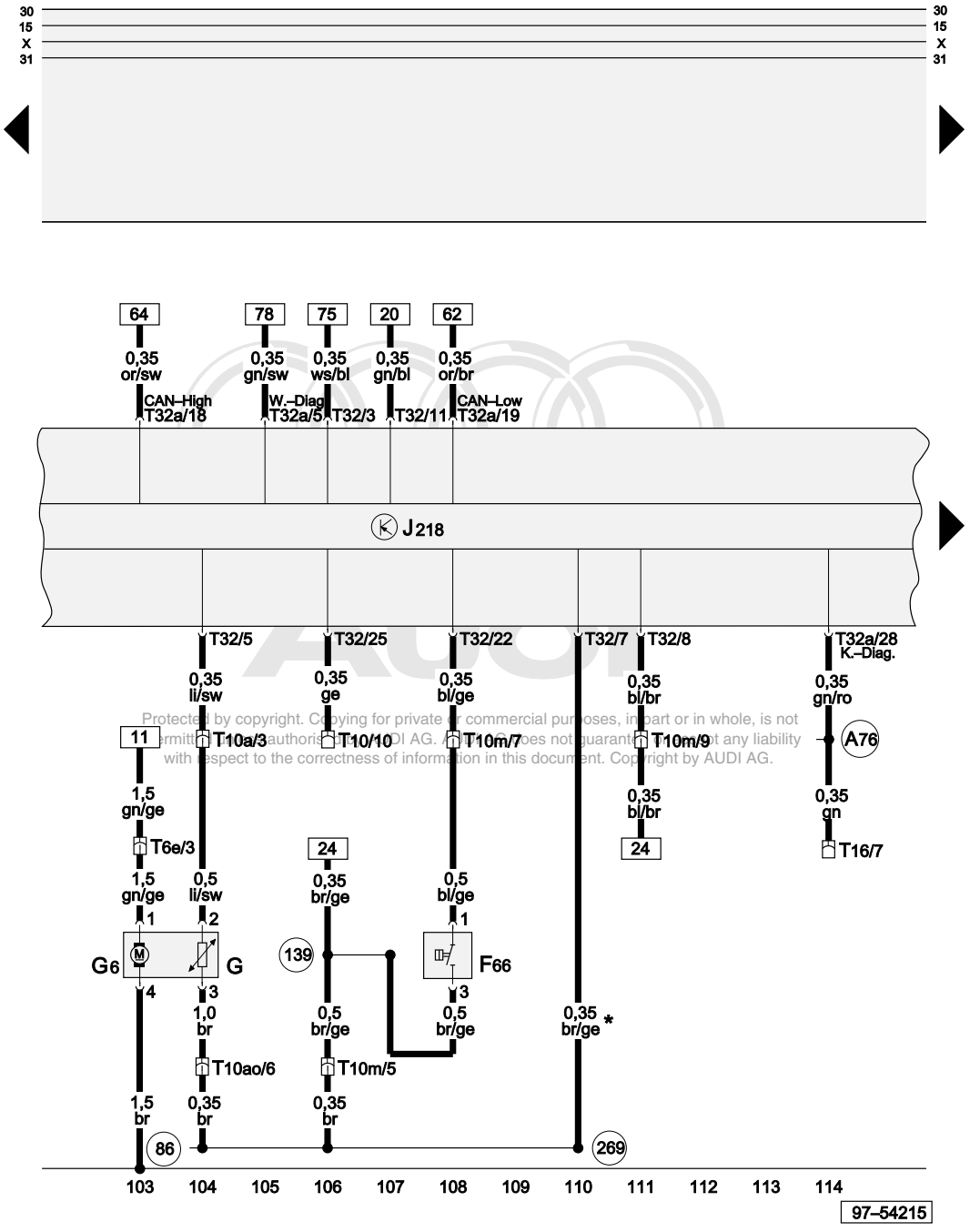


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Motronic control unit, Motronic current supply relay, vacuum pump for brakes

J220	Motronic control unit
J271	Motronic current supply relay
J569	Brake servo relay
N205	Inlet camshaft timing adjustment valve -1-
S205	Fuse -2- (30)
S283	Brake vacuum pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
V192	Vacuum pump for brakes
83	Earth connection -1-, in front right wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Applicable up to model year 2001
**	Applicable from model year 2002
***	Only models with automatic gearbox (from model year 2002)

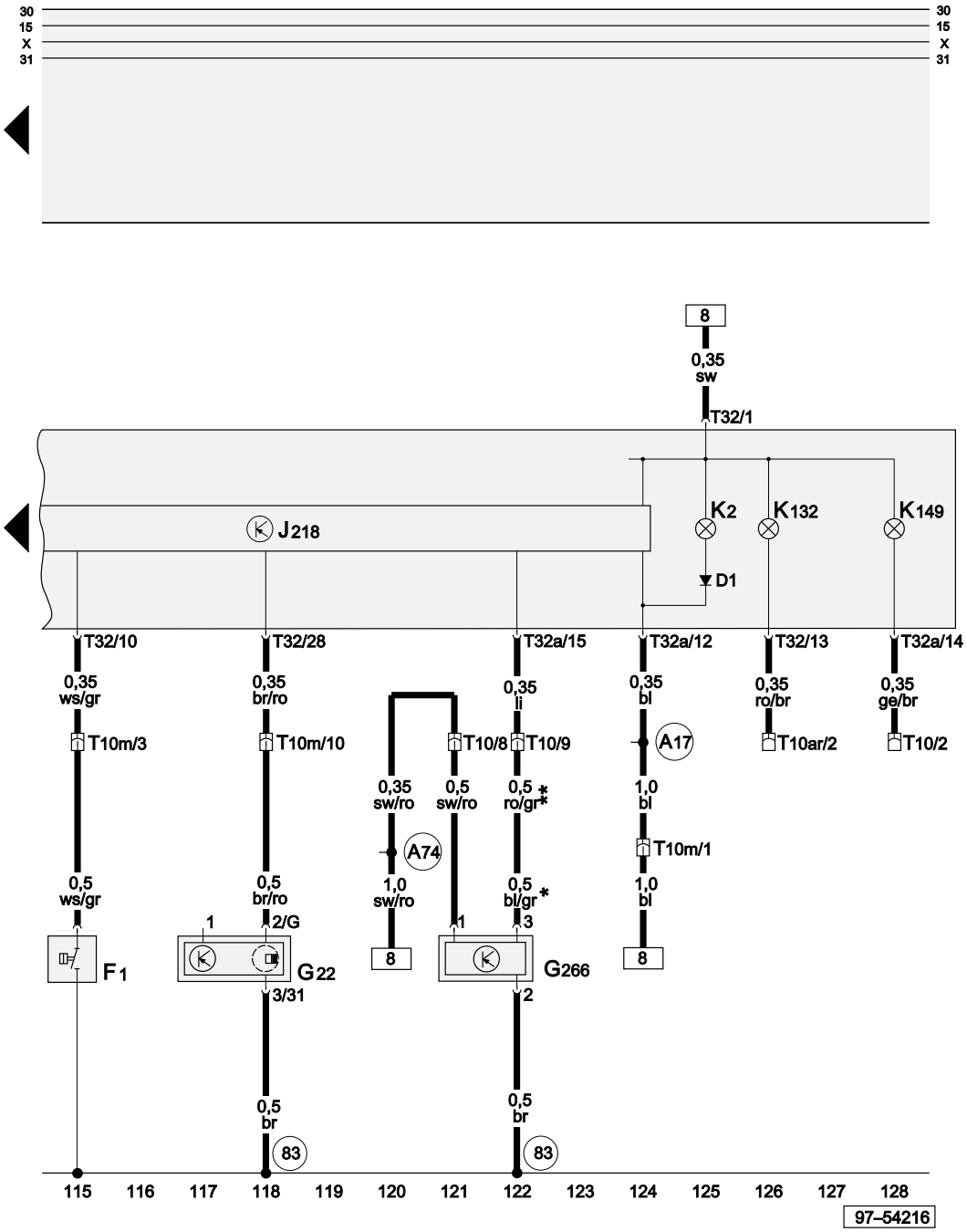


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Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump
J218	Combi-processor in dash panel insert
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
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth



Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001

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2.4 litre - Motronic, 121 kW, 4-cylinder, engine code AML

From model year 2001

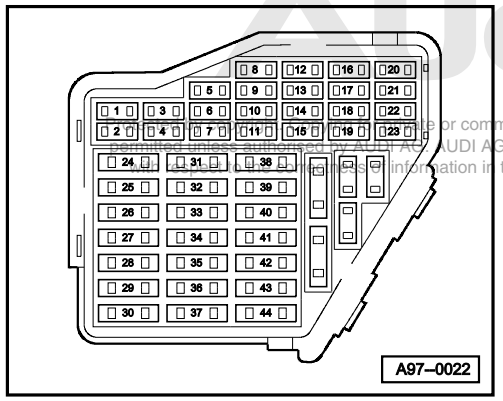
2.4 litre - Motronic, 120 kW, 4-cylinder, engine code AMM

From model year 2001

2.8 litre - Motronic, 142 kW, 4-cylinder, engine code AMX

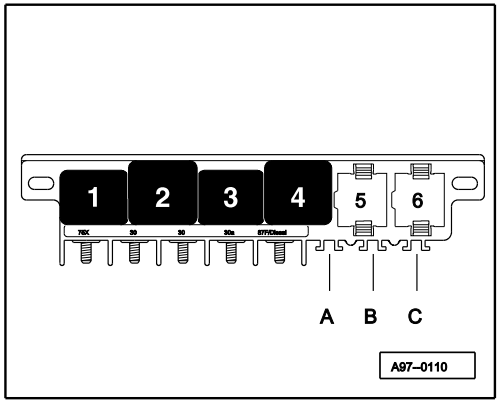
From model year 2001

Fuse box



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

Micro-central electrics



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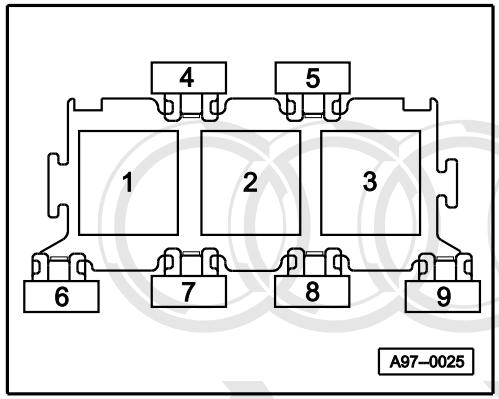
Position of relays:

4 - Brake vacuum pump fuse
C - Fuel pump relay

Fuse colours:

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

3-point relay carrier



Position of relays:

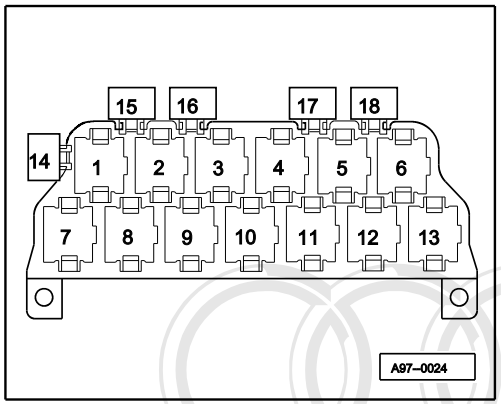
2 - Secondary air pump relay

Position of fuses:

7 - Secondary air pump fuse

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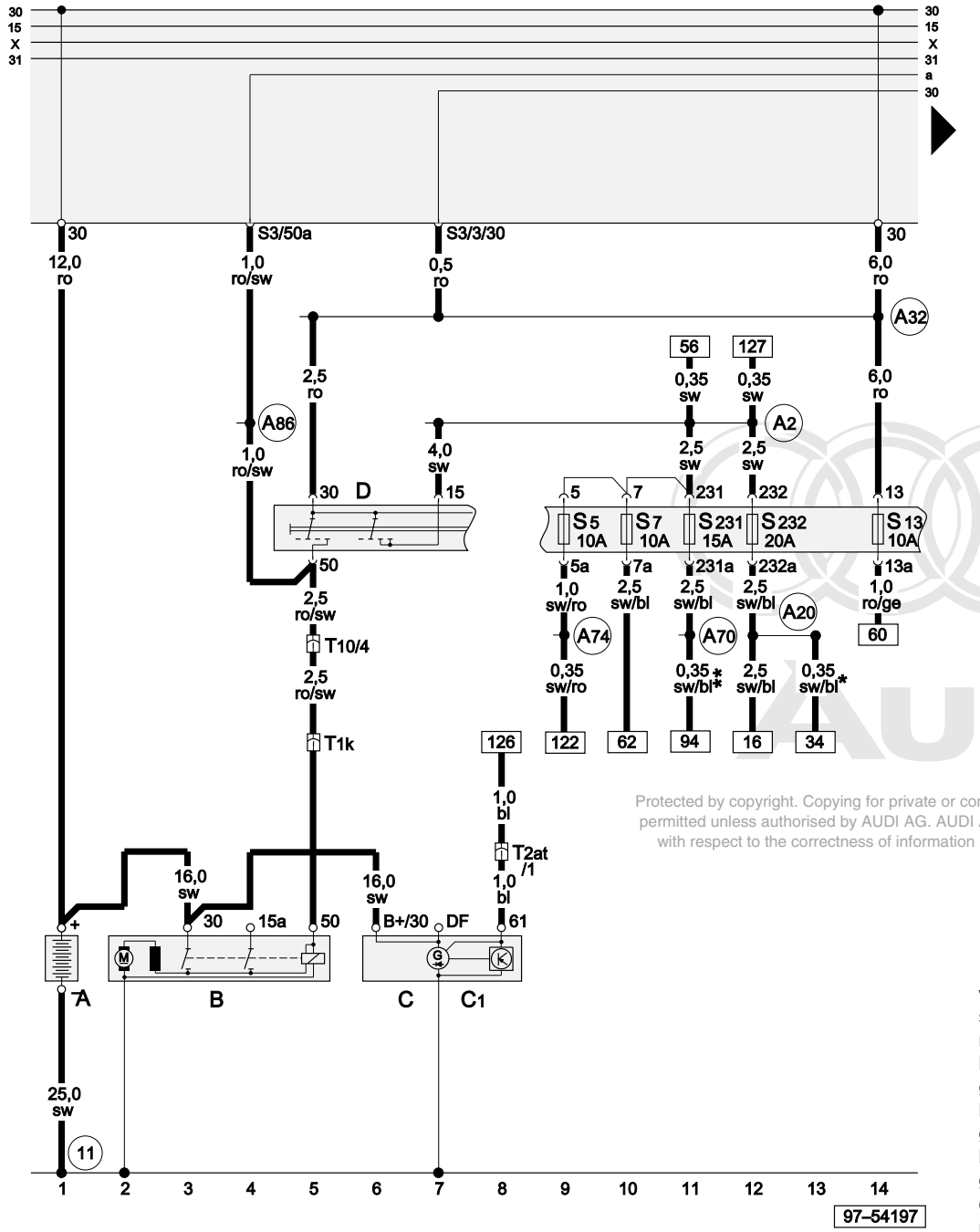
13-point relay carrier:



Position of relays:

10 - Vacuum pump relay

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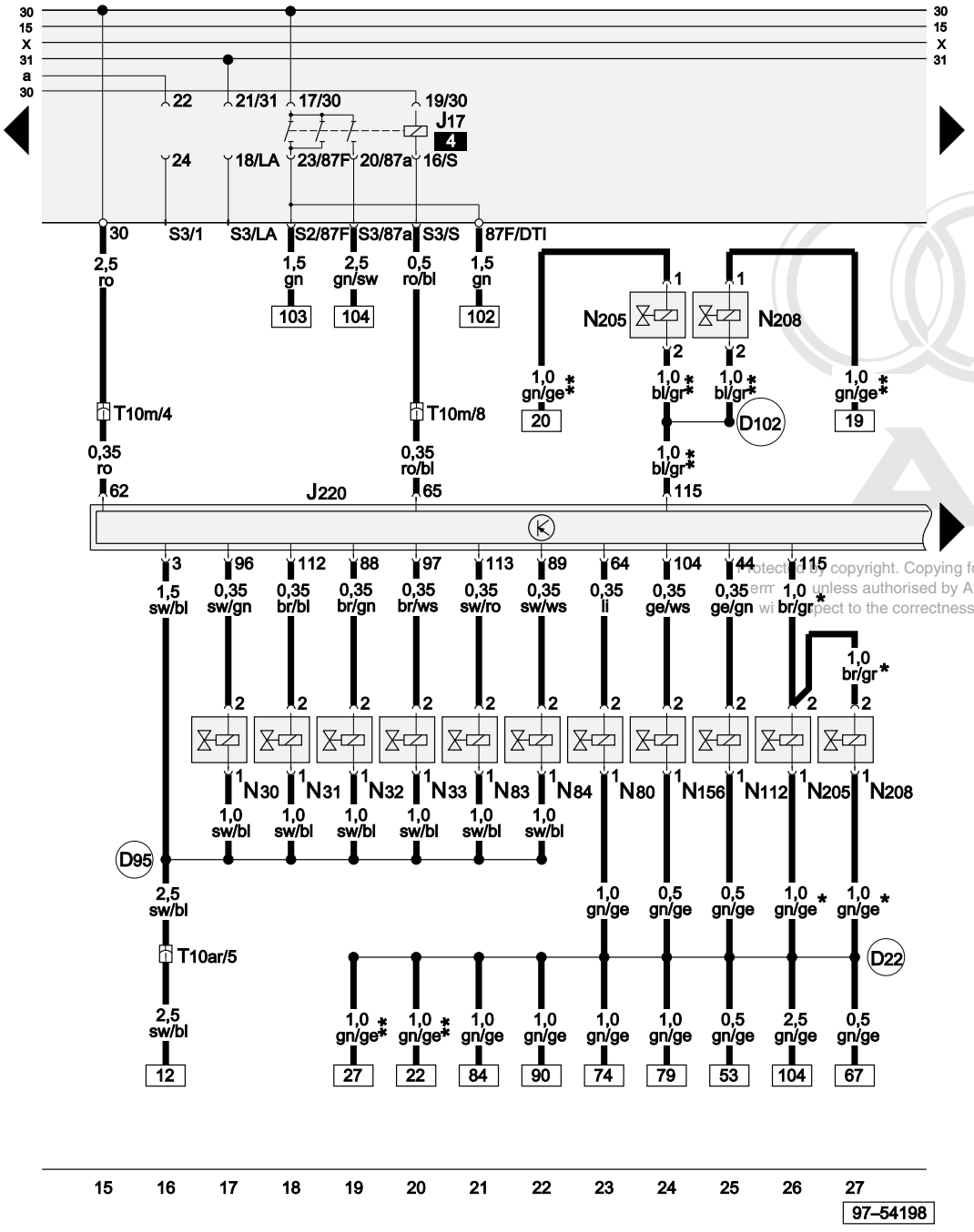


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S5	Fuse in fuse box
S7	Fuse in fuse box
S13	Fuse in fuse box
S231	Fuse in fuse box
S232	Fuse in fuse box
T1k	Single connector, black, in engine compartment, right
T2at	2-pin connector, black, in engine compartment, right
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A2	Positive (+) connection (15), in dash panel wiring harness
A20	Connection (15a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
*	Only models with cruise control system
**	Only models with front-wheel drive

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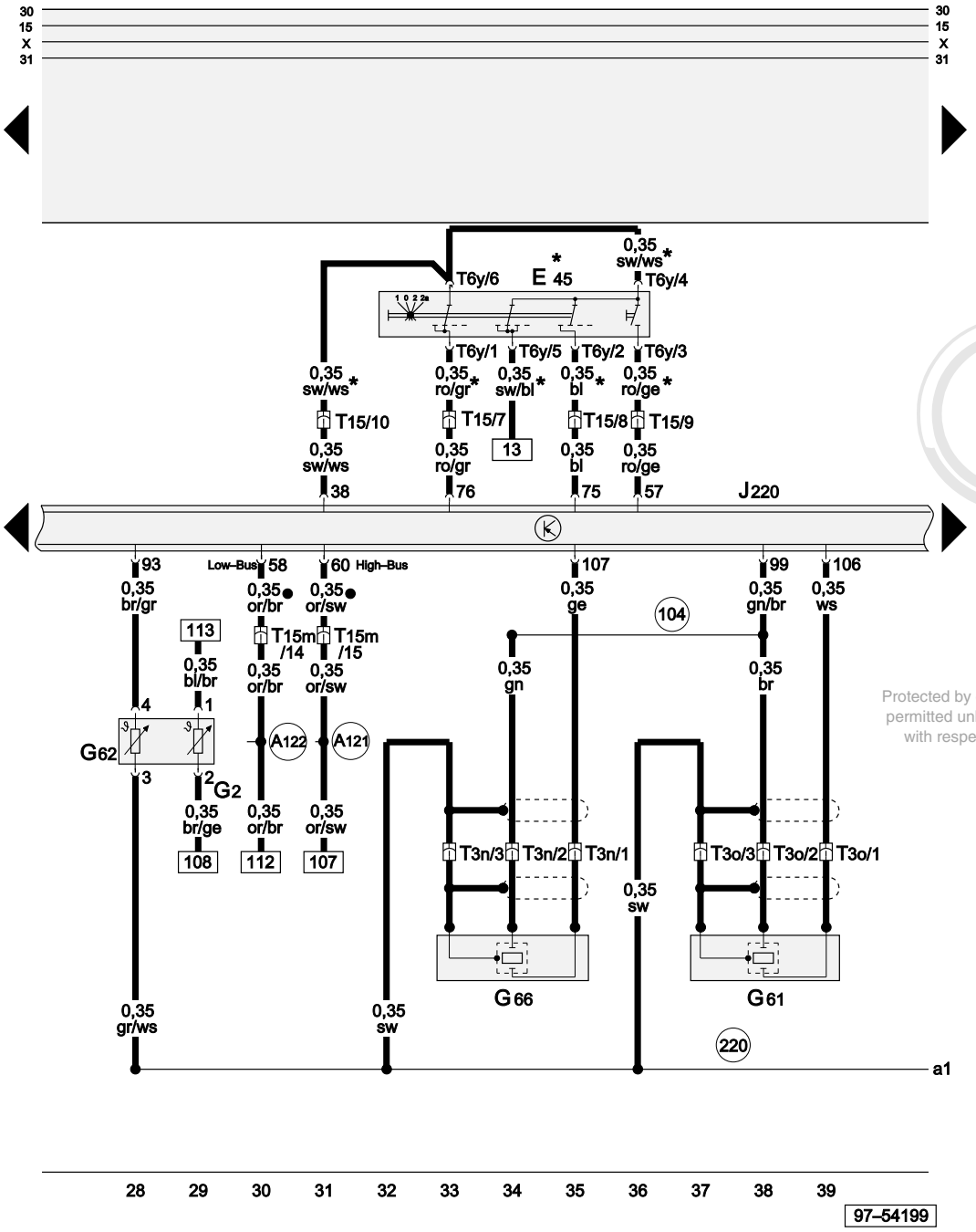


Motronic control unit, fuel pump relay, injectors

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
N112	Secondary air inlet valve
N156	Intake manifold change-over valve
N205	Inlet camshaft timing adjustment valve -1-
N208	Inlet camshaft timing adjustment valve -2-
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
D22	Connection (via fuse 234), in front right wiring harness
D95	Connection (injectors), in engine compartment wiring harness
D102	Connection -2-, in engine compartment wiring harness
*	Applicable up to model year 2000
**	Applicable from model year 2001 (phased-in modification)

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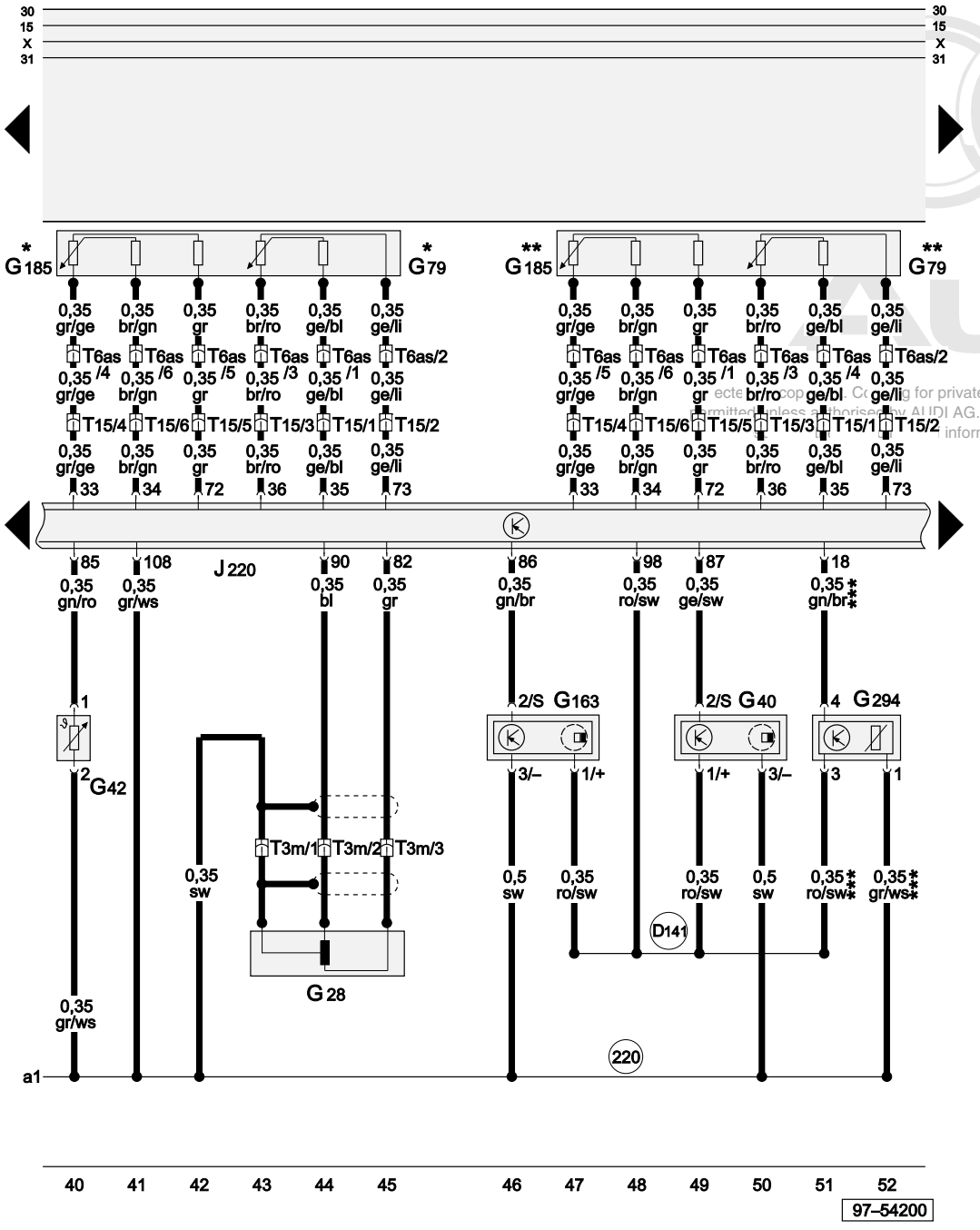


Motronic control unit, coolant temperature senders, knock sensors, cruise control system switch

E45	Cruise control system switch
G2	Coolant temperature sender
G61	Knock sensor I
G62	Coolant temperature sender
G66	Knock sensor II
J220	Motronic control unit
T3n	3-pin connector, brown, in engine compartment, left
T3o	3-pin connector, brown, in engine compartment, left
T6y	6-pin connector, black, next to steering column
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
104	Earth connection, in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with cruise control system
•	Data bus wire (CAN bus)

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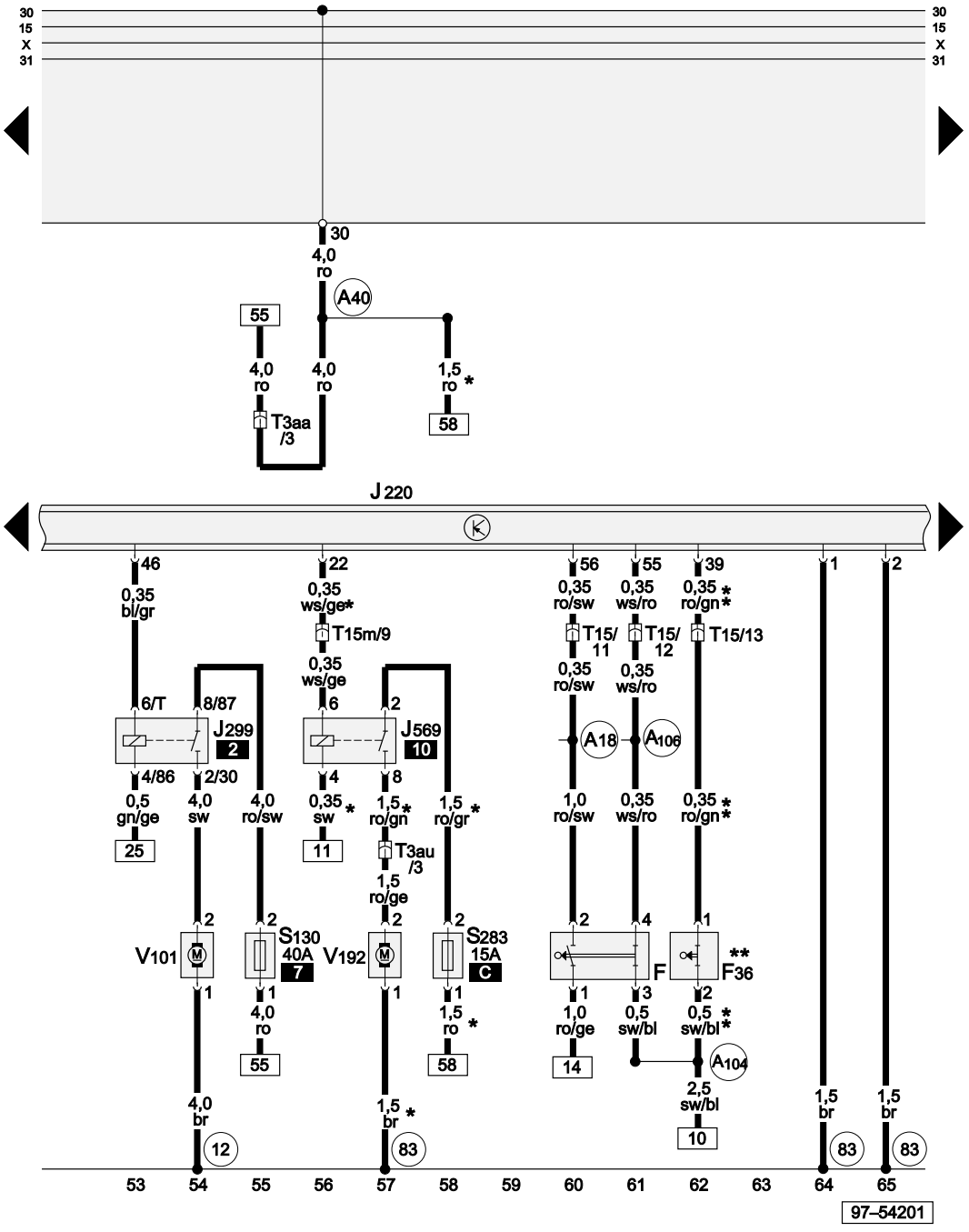
Motronic control unit, Hall senders, accelerator pedal position senders, intake air temperature sender

G28	Engine speed sender
G40	Hall sender 1
G42	Intake air temperature sender
G79	Accelerator pedal position sender
G163	Hall sender 2
G185	Accelerator pedal position sender -2-
G294	Brake servo pressure sensor
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T6as	6-pin connector, black, near accelerator pedal position sender
T15	15-pin connector, white, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V), in engine prewiring wiring harness

* Applicable up to model year 2000
** Applicable from model year 2001 (phased-in modification)
*** Only models with automatic gearbox (from August 2000)

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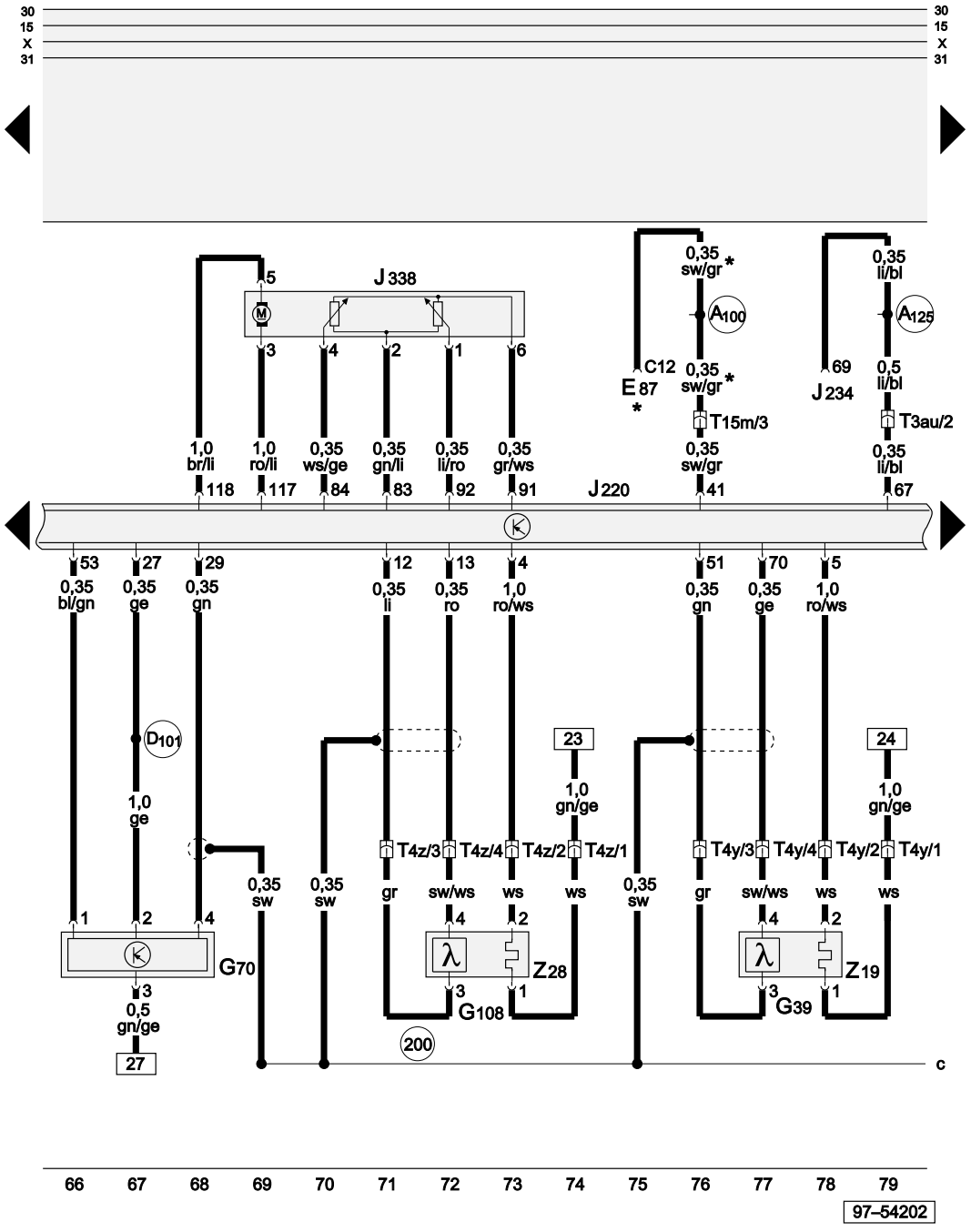


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Motronic control unit, brake light switch, clutch pedal switch, secondary air pump motor

F	Brake light switch
F36	Clutch pedal switch
J220	Motronic control unit
J299	Secondary air pump relay
J569	Brake servo relay
S130	Secondary air pump fuse
S283	Brake vacuum pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
V101	Secondary air pump motor
V192	Vacuum pump for brakes
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A18	Connection (54), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
*	Only models with automatic gearbox
**	Does not apply to automatic gearbox

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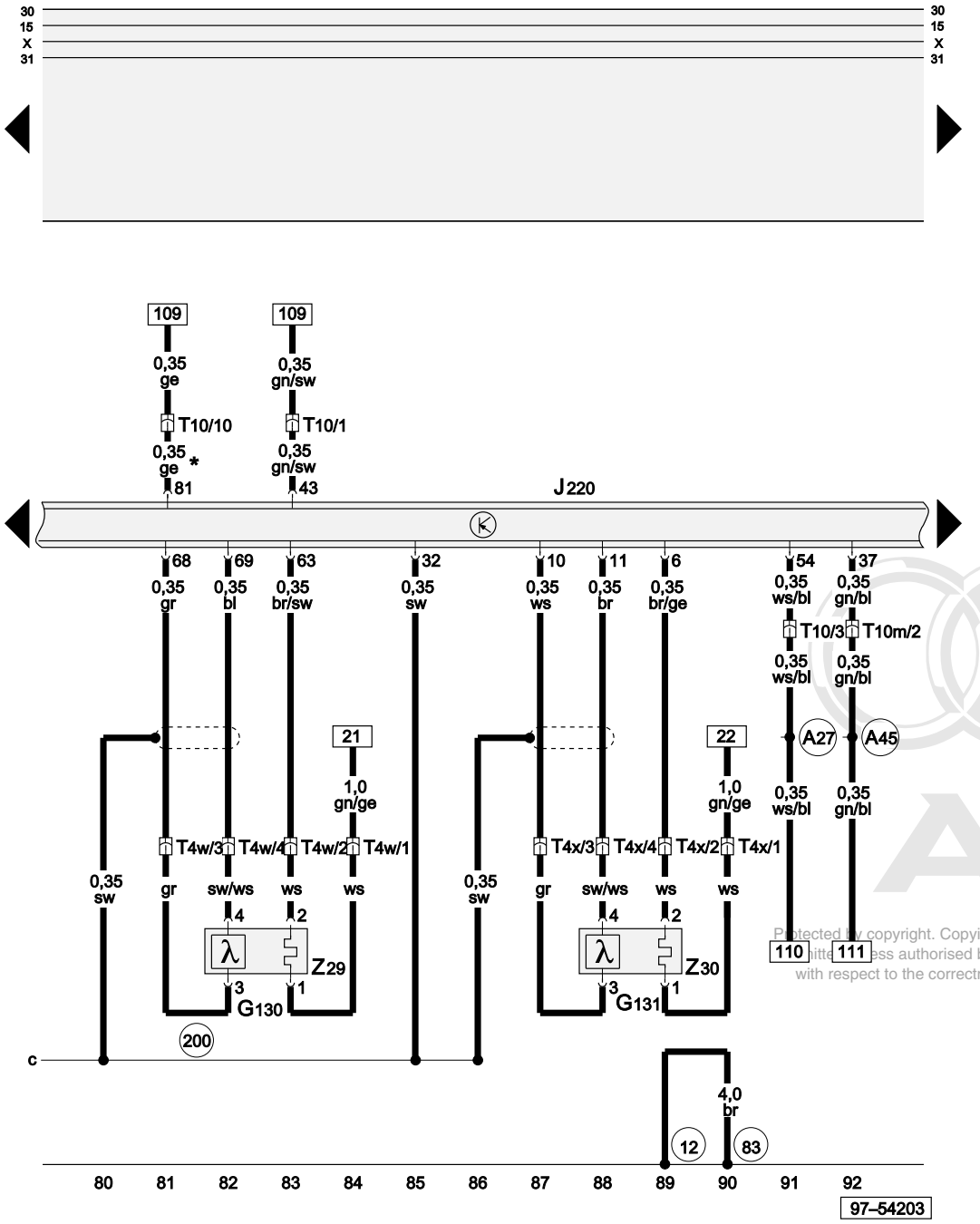


Motronic control unit, lambda probes, throttle valve control unit, air mass meter

E87	Control and display unit for air conditioner/Climatronic
G39	Lambda probe
G70	Air mass meter
G108	Lambda probe II
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z28	Lambda probe 2 heater
200	Earth connection (screening), in engine compartment wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
*	Only models with air conditioner

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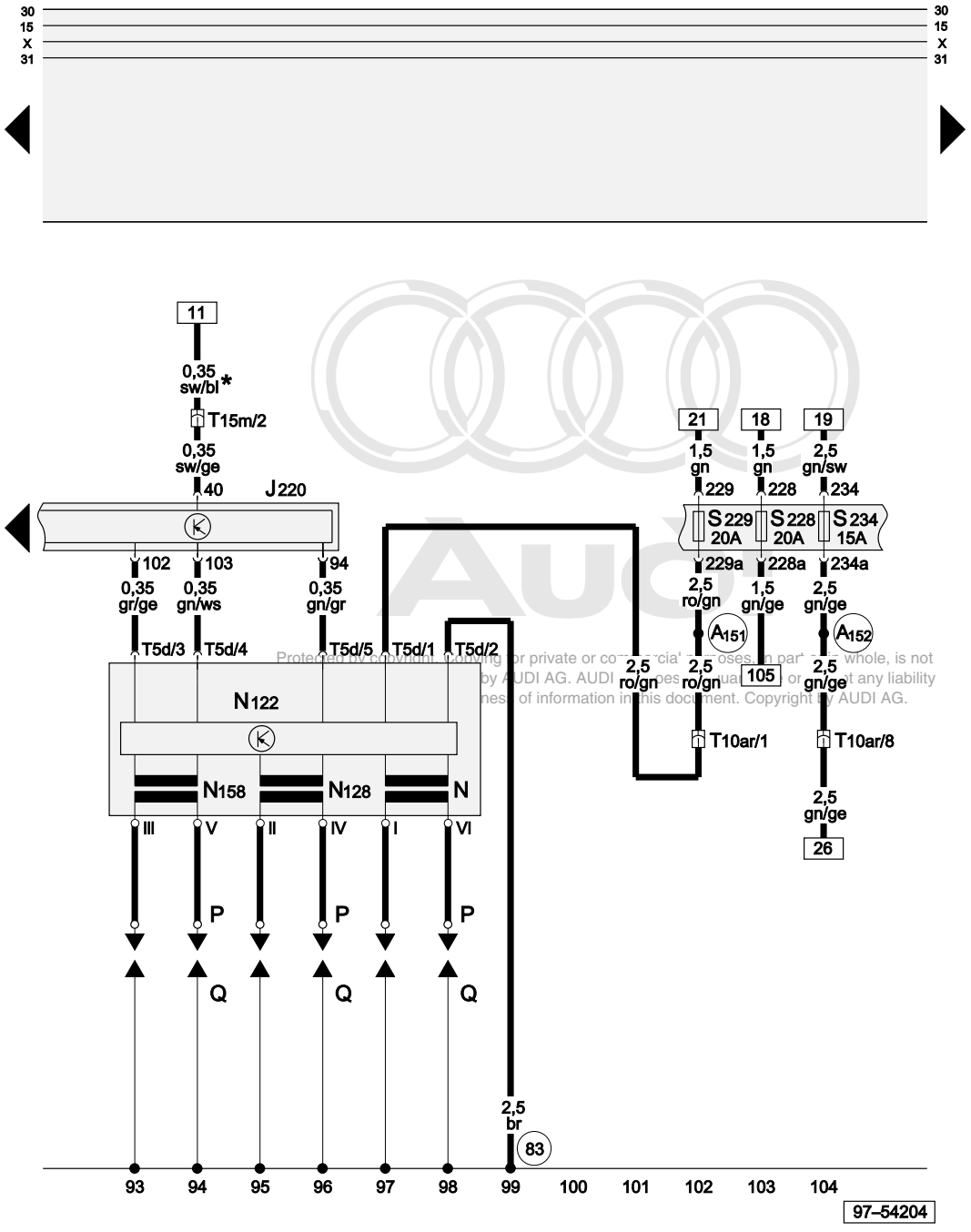


Motronic control unit, lambda probes

G130	Lambda probe downstream of catalytic converter
G131	Lambda probe II downstream of catalytic converter
J220	Motronic control unit
T4w	4-pin connector, green, in engine compartment, right
T4x	4-pin connector, brown, 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
Z29	Lambda probe 1 heater, downstream of catalytic converter
Z30	Lambda probe 2 heater, downstream of catalytic converter
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	As of model year 2001 no longer fitted (phased-in modification)

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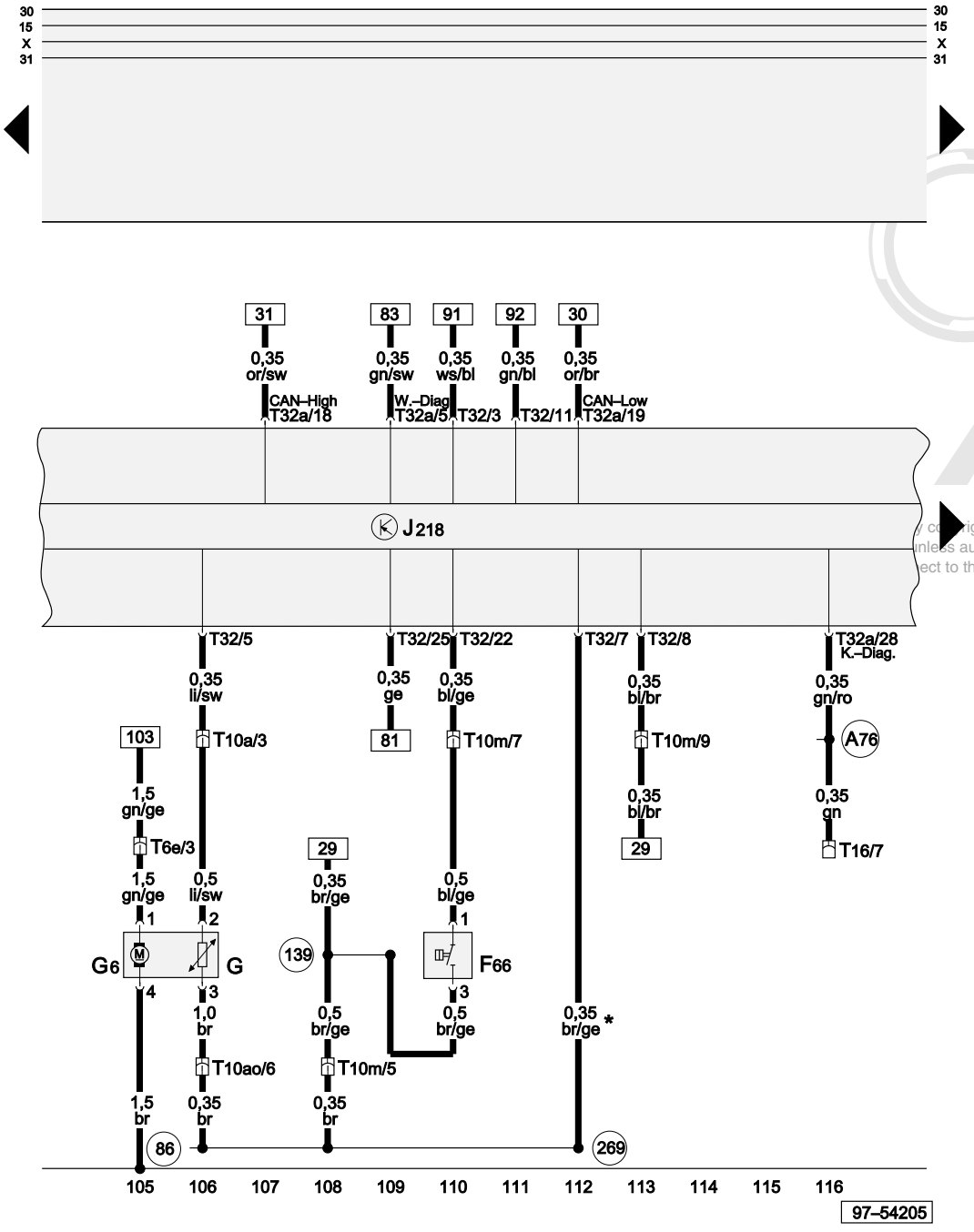


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Motronic control unit, ignition system

J220	Motronic control unit
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T5d	5-pin connector, near ignition coil
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
A151	Connection -4- (87), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
*	Only models with front-wheel drive

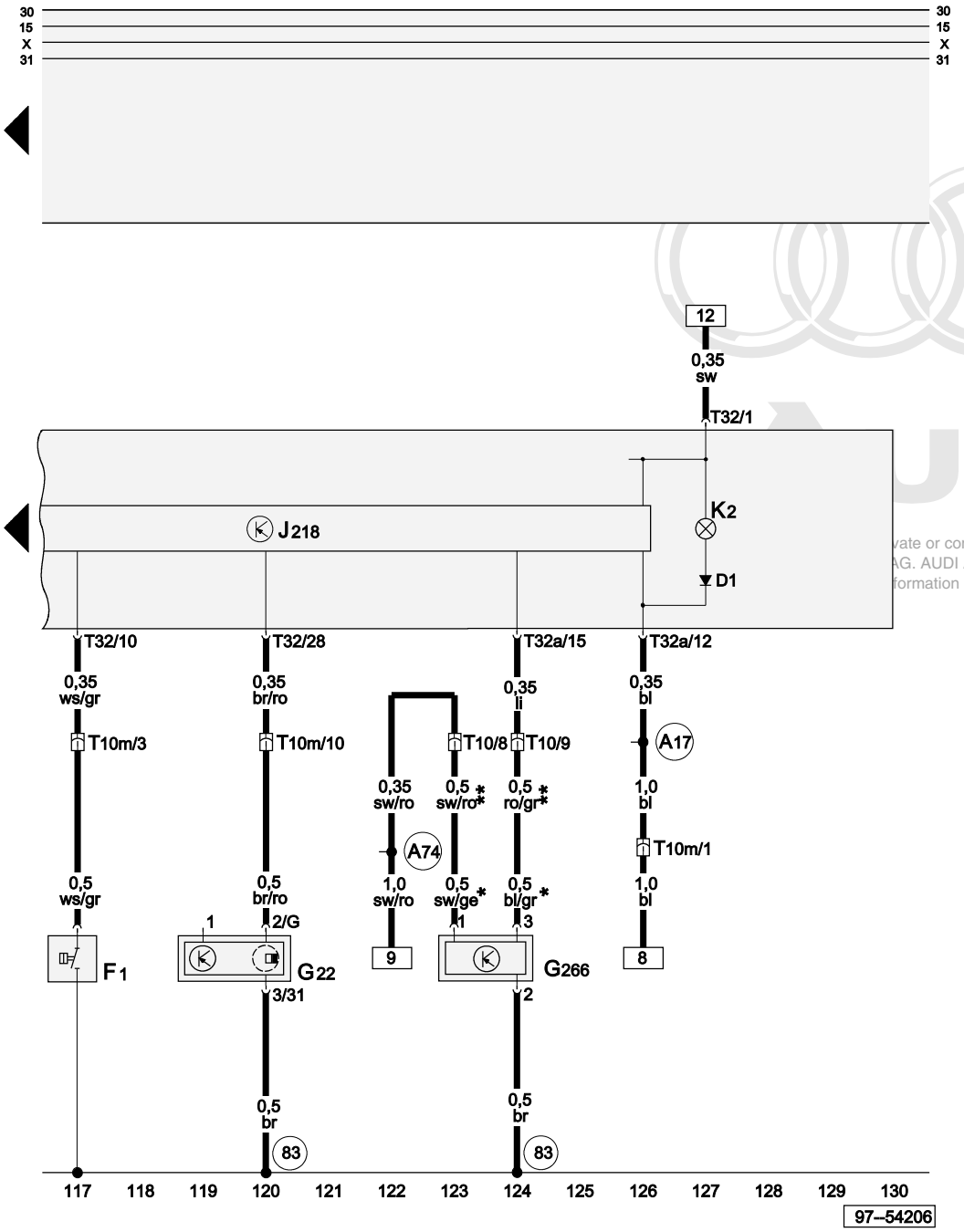


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Dash panel insert, coolant shortage indicator switch, fuel gauge sender, fuel pump, diagnostic connector

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel 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
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Output for signal earth

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Dash panel insert, warning lamps, speedometer sender, oil pressure switch, oil level/oil temperature sender

F1	Oil pressure switch
G22	Speedometer sender
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

* Applicable up to model year 2000
** Applicable from model year 2001

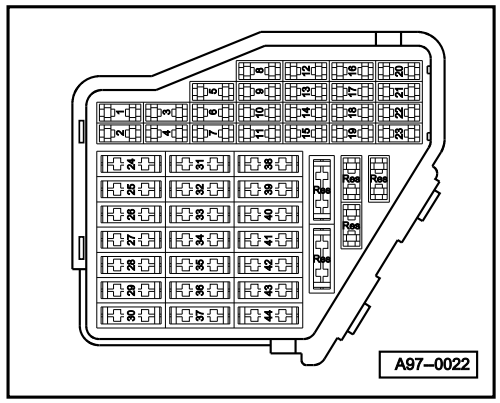
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Five-speed automatic gearbox with Tiptronic (01V)

From model year 2001

Fuse box

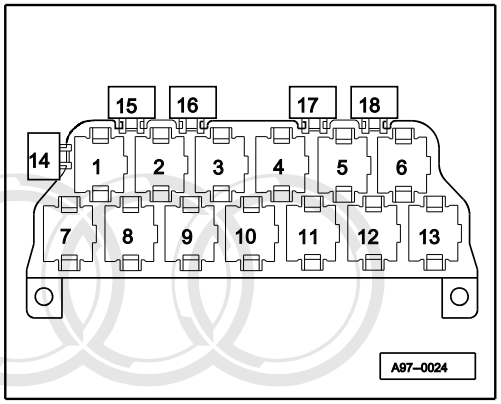


Fuse colours:

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

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

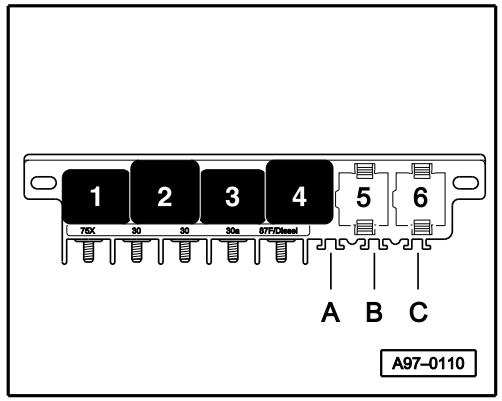
13-point relay carrier



Position of relays:

13 - Relay for automatic gearbox

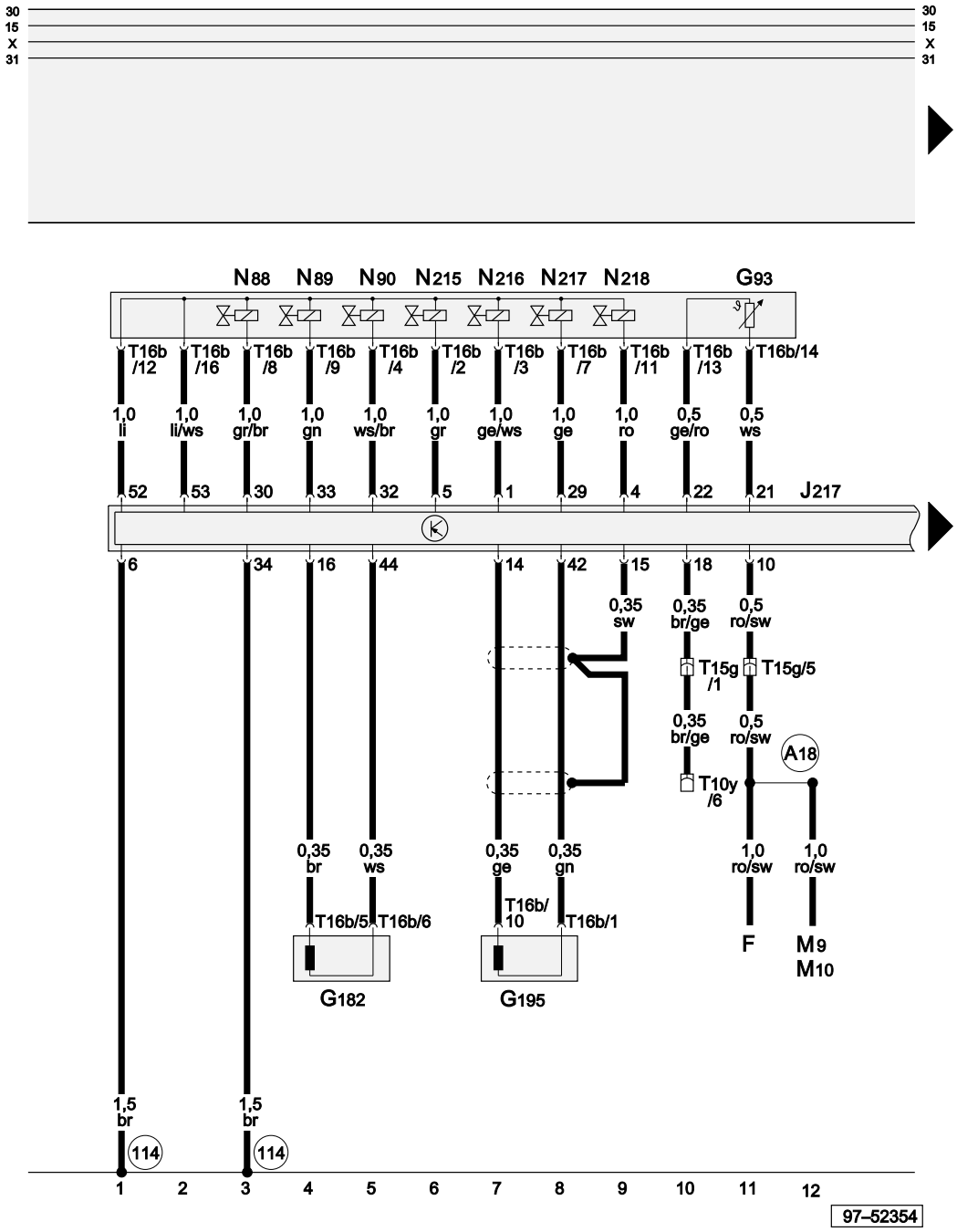
Micro-central electrics



Position of relays:

4 - Fuel pump relay

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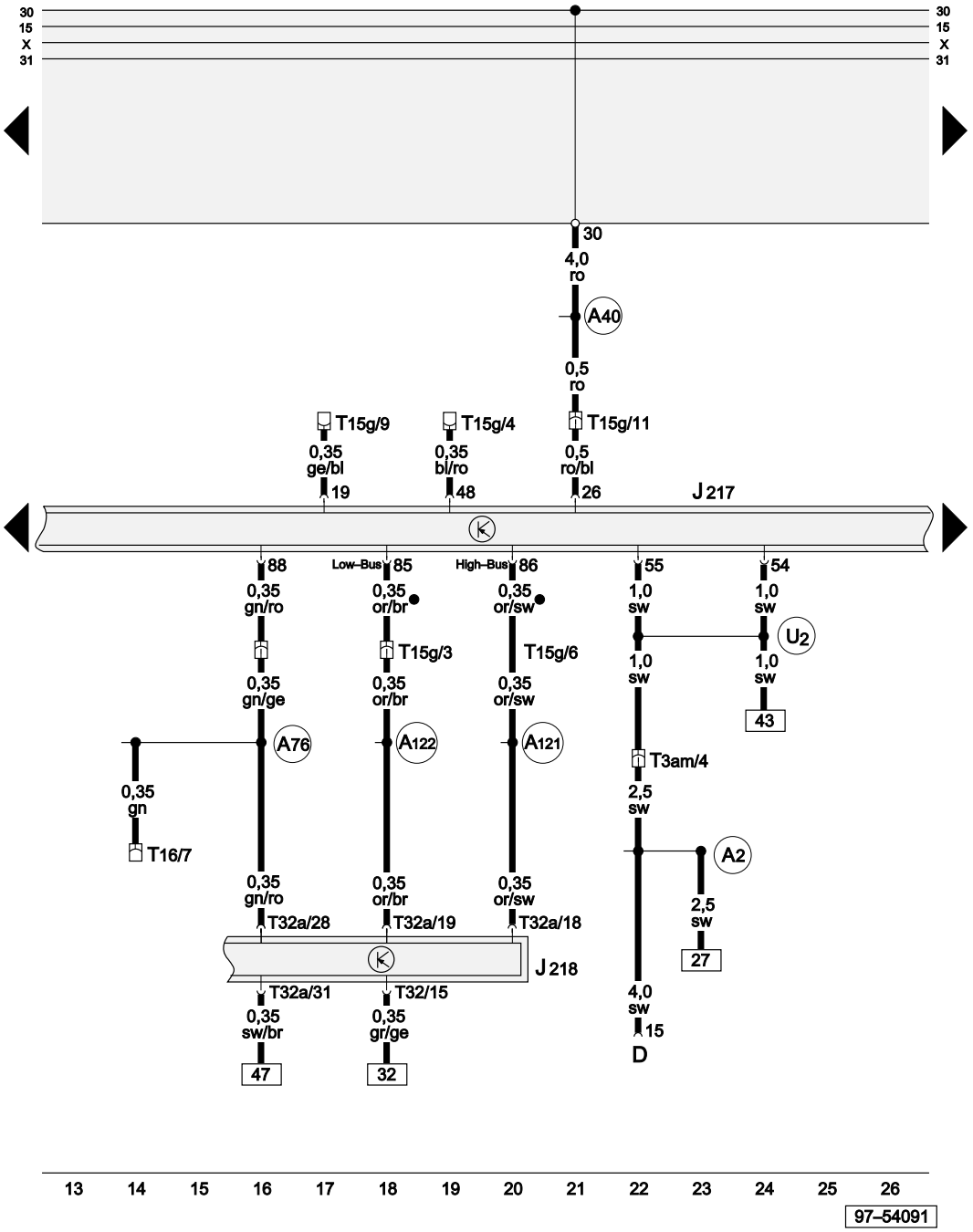


Five-speed automatic gearbox with Tiptronic (01V)

F	Brake light switch
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J217	Automatic gearbox wiring harness
M9	Brake light bulb, left
M10	Brake light bulb, right
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N215	Automatic gearbox pressure control wiring harness
N216	Automatic gearbox pressure control wiring harness
N217	Automatic gearbox pressure control wiring harness
N218	Automatic gearbox pressure control wiring harness
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
T15g	15-pin connector, brown, right connector point, A pillar
T16b	16-pin connector, on gearbox
114	Earth connection, in automatic gearbox wiring harness
A18	Connection (54), in dash panel wiring harness

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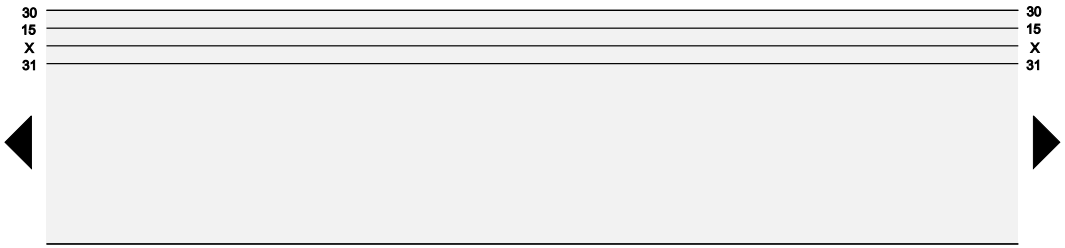


Automatic gearbox control unit, dash panel insert, ignition/ starter switch

D	Ignition/starter switch
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
T3am	3-pin connector, brown, right connector point, A pillar
T15g	15-pin connector, brown, right connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A2	Positive (+) connection (15), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
U2	Connection -1- (15), in automatic gearbox wiring harness
•	CAN bus (data wire)

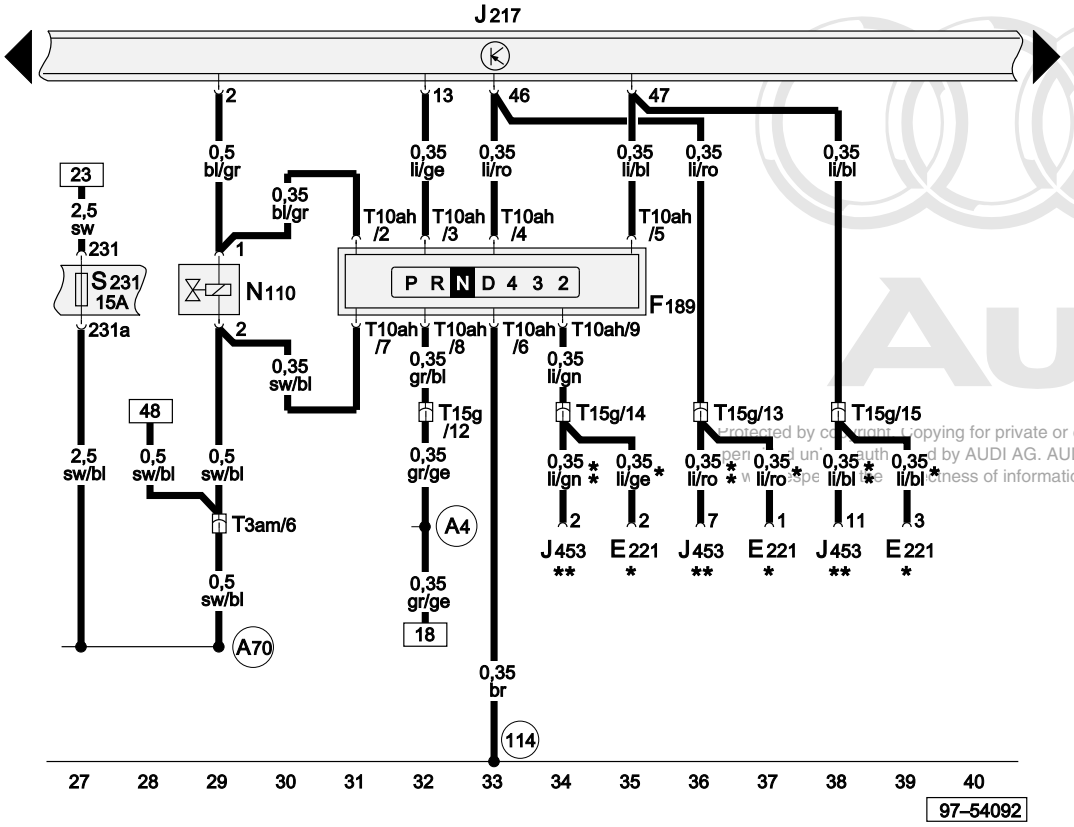
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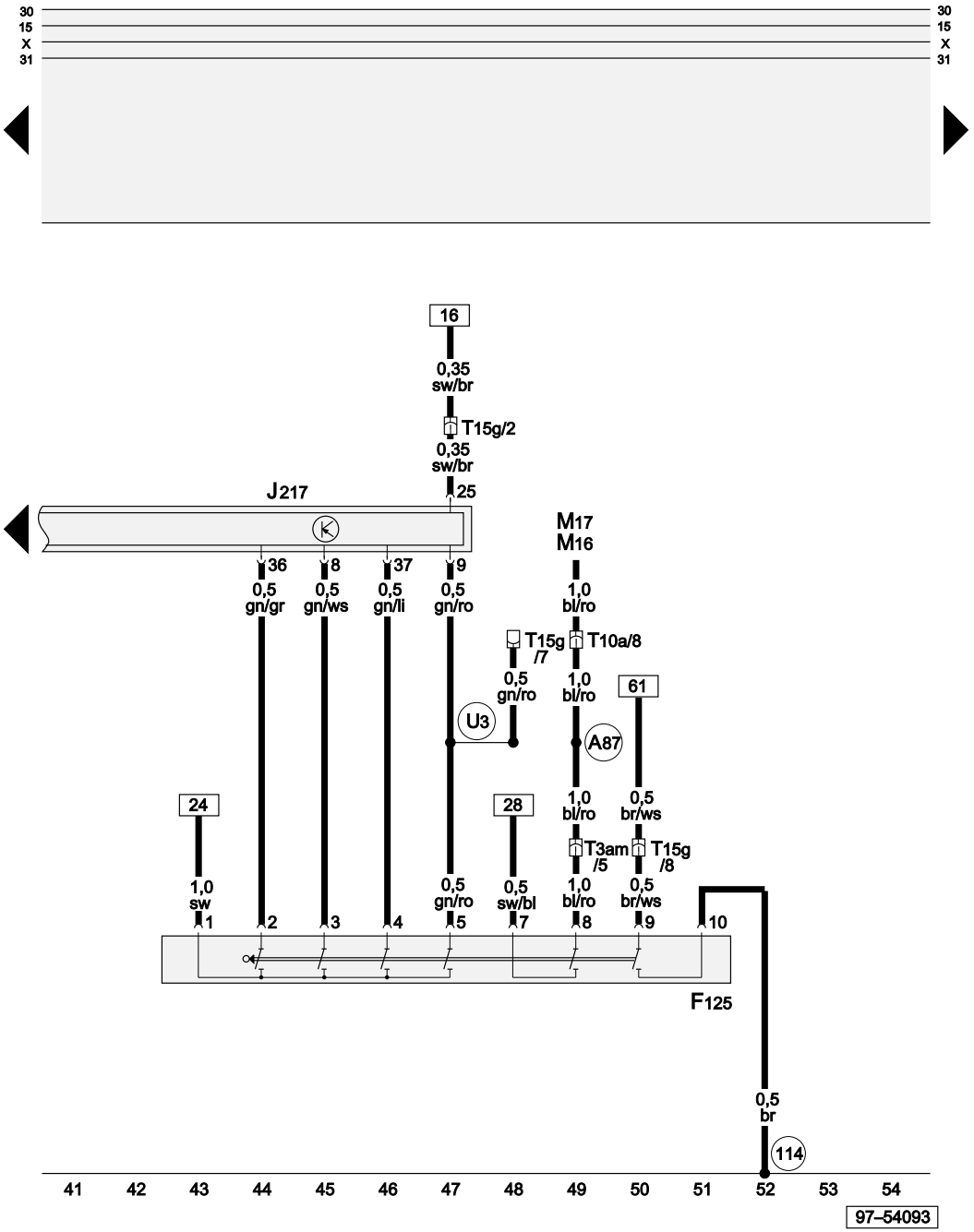
Automatic gearbox control unit, Tiptronic switch, selector lever lock solenoid

E221	Operating unit in steering wheel
F189	Tiptronic switch
J217	Automatic gearbox control unit
J453	Multi-function steering wheel control unit
N110	Selector lever lock solenoid
S231	Fuse in fuse box
T3am	3-pin connector, brown, right connector point, A pillar
T10ah	10-pin connector, black, below gear selector cover
T15g	15-pin connector, brown, right connector point, A pillar
114	Earth connection, in automatic gearbox wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
*	Only applies to Tiptronic steering wheel
**	Only applies to multi-function steering wheel



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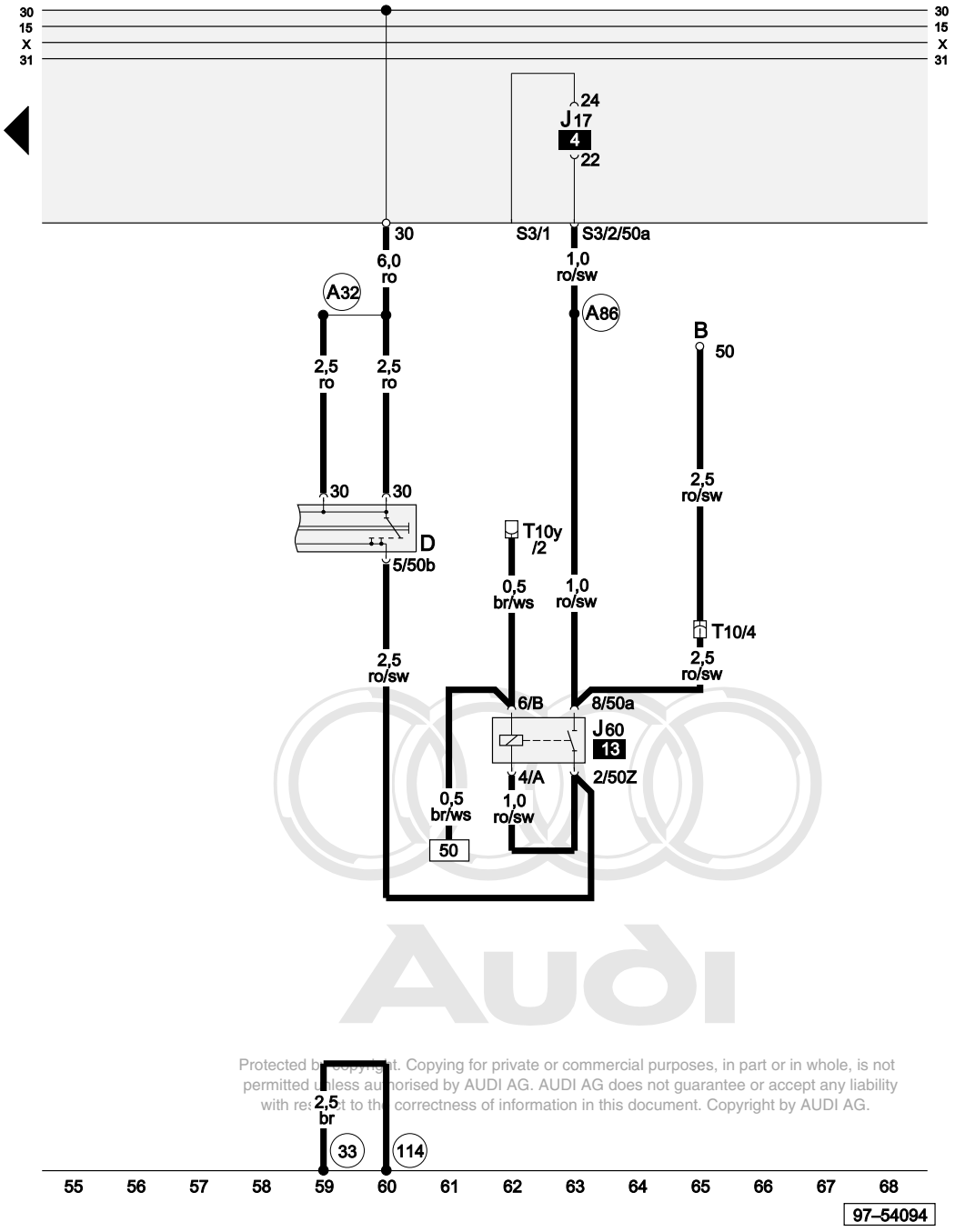


Automatic gearbox control unit, multi-function switch

F125	Multi-function switch
J217	Automatic gearbox control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3am	3-pin connector, brown, right connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T15g	15-pin connector, brown, right connector point, A pillar
114	Earth connection, in automatic gearbox wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
U3	Connection -1-, in automatic gearbox wiring harness

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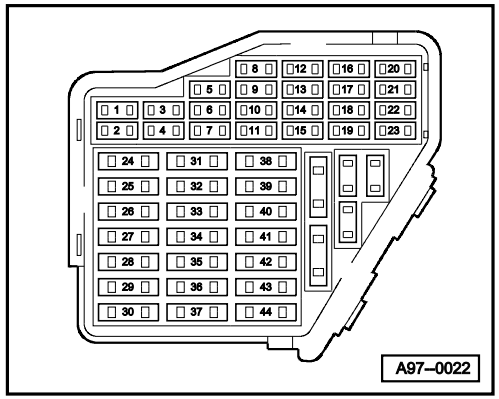
Ignition/starter switch, automatic gearbox relay

B	Starter
D	Ignition/starter switch
J17	Fuel pump relay
J60	Automatic gearbox relay
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10y	10-pin connector, blue, connector point, electronics box, plenum chamber
33	Earth point, behind dash panel, right
114	Earth connection, in automatic gearbox wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness

Anti-lock brake system (5.3) (ABS) with electronic stability program (ESP)

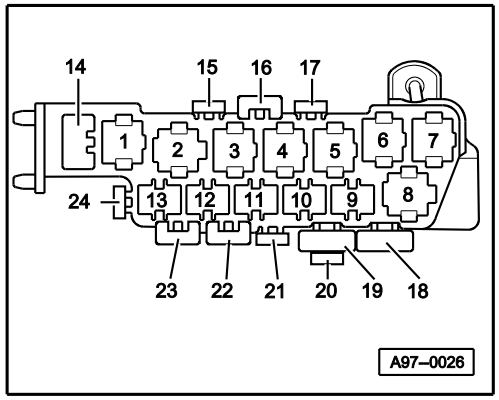
From model year 2000

Fuse box



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 - Relay for ABS solenoid valves

7 - ABS hydraulic pump relay

Position of fuses:

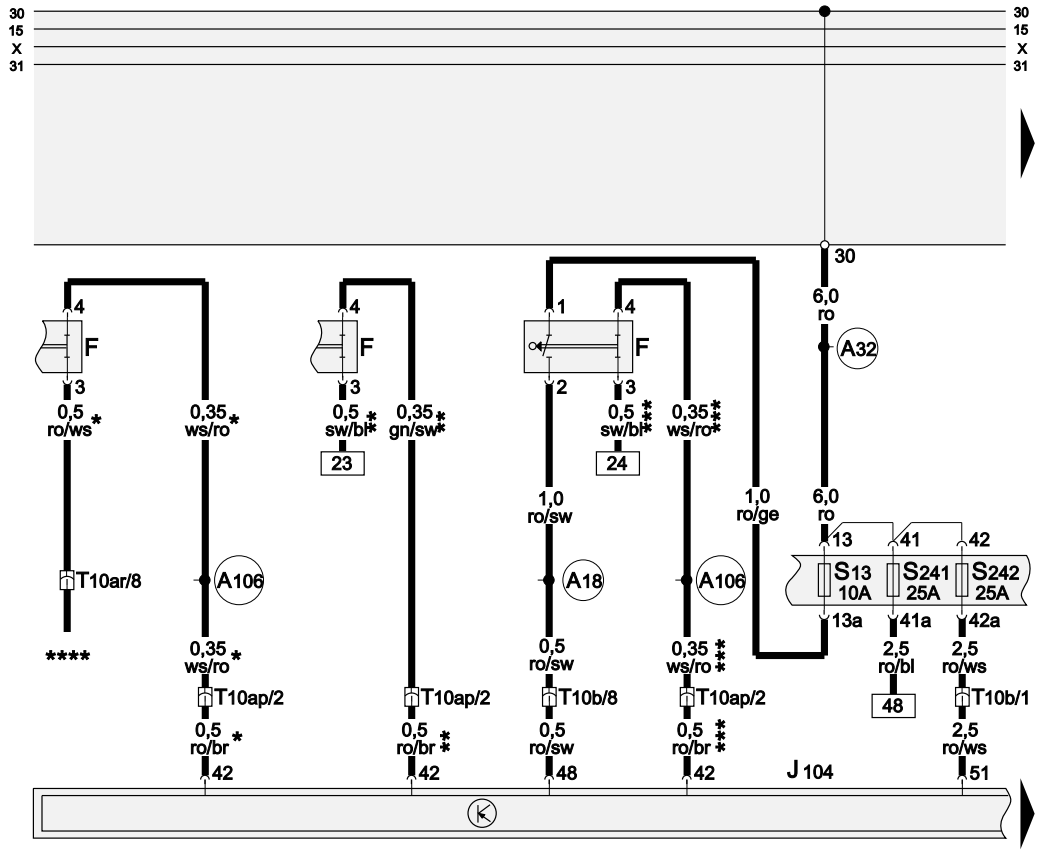
18 - ABS fuse

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Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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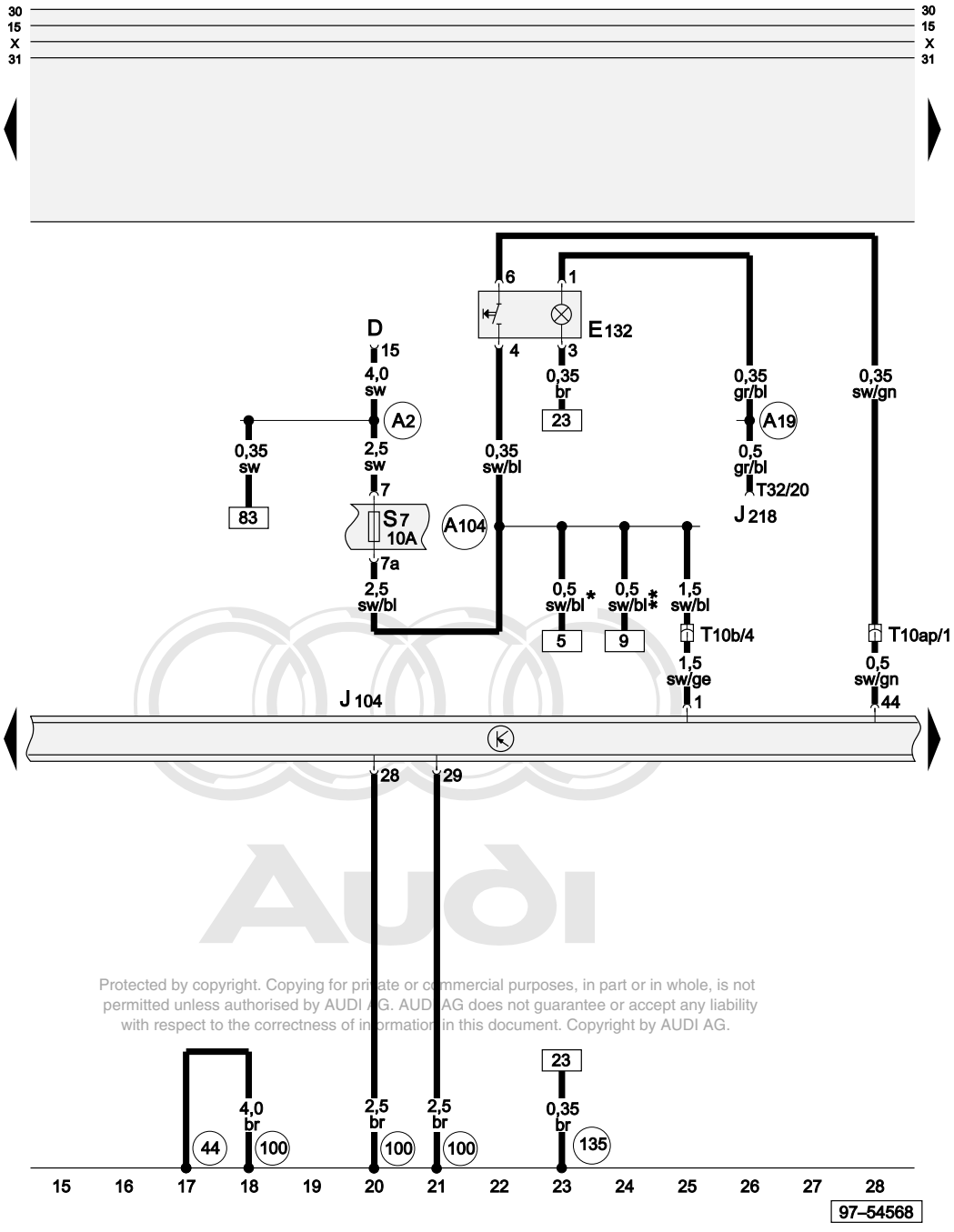


Fuses, brake light switch, ABS with EDL control unit

F	Brake light switch
J104	ABS with EDL control unit
S13	Fuse in fuse box/relay plate
S241	Fuse in fuse box
S242	Fuse in fuse box
T10b	10-pin connector, orange, left connector point, A pillar
T10ap	10-pin connector, grey, right connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A18	Connection (54), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
*	Only models with diesel engines
**	Only models with petrol engines, without electronic throttle
***	Only models with petrol engines, with electronic throttle
****	See applicable engine version

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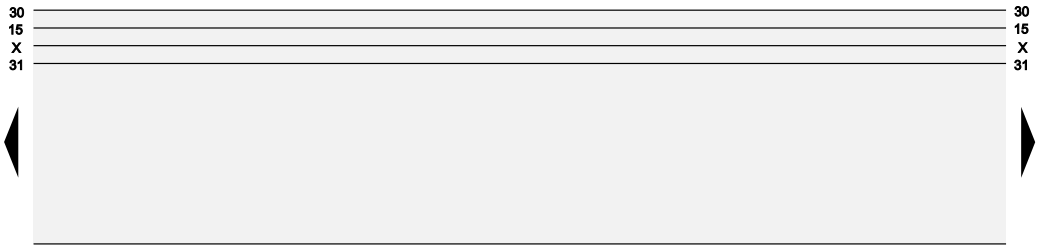


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Fuses, ABS with EDL control unit, traction control system switch

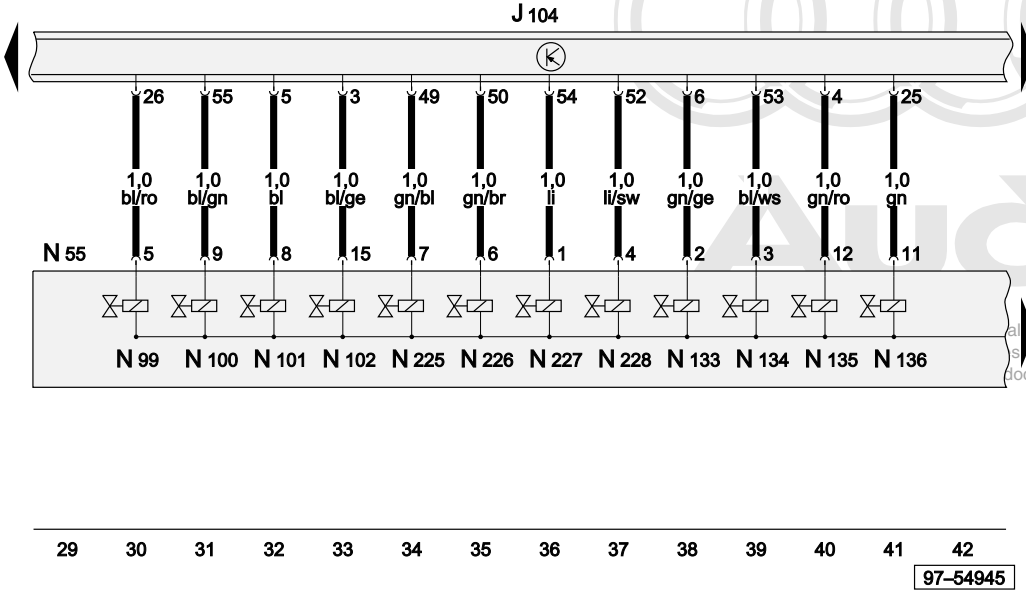
D	Ignition/starter switch
E132	Traction control system switch
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
S7	Fuse in fuse box/relay plate
T10b	10-pin connector, orange, left connector point, A pillar
T10ap	10-pin connector, grey, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
44	Earth point, lower part of left A pillar
100	Earth connection -1-, in ABS 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
A104	Positive (+) connection -2- (15), in dash panel wiring harness
*	Only models with petrol engines, without electronic throttle
**	Only models with petrol engines, with electronic throttle

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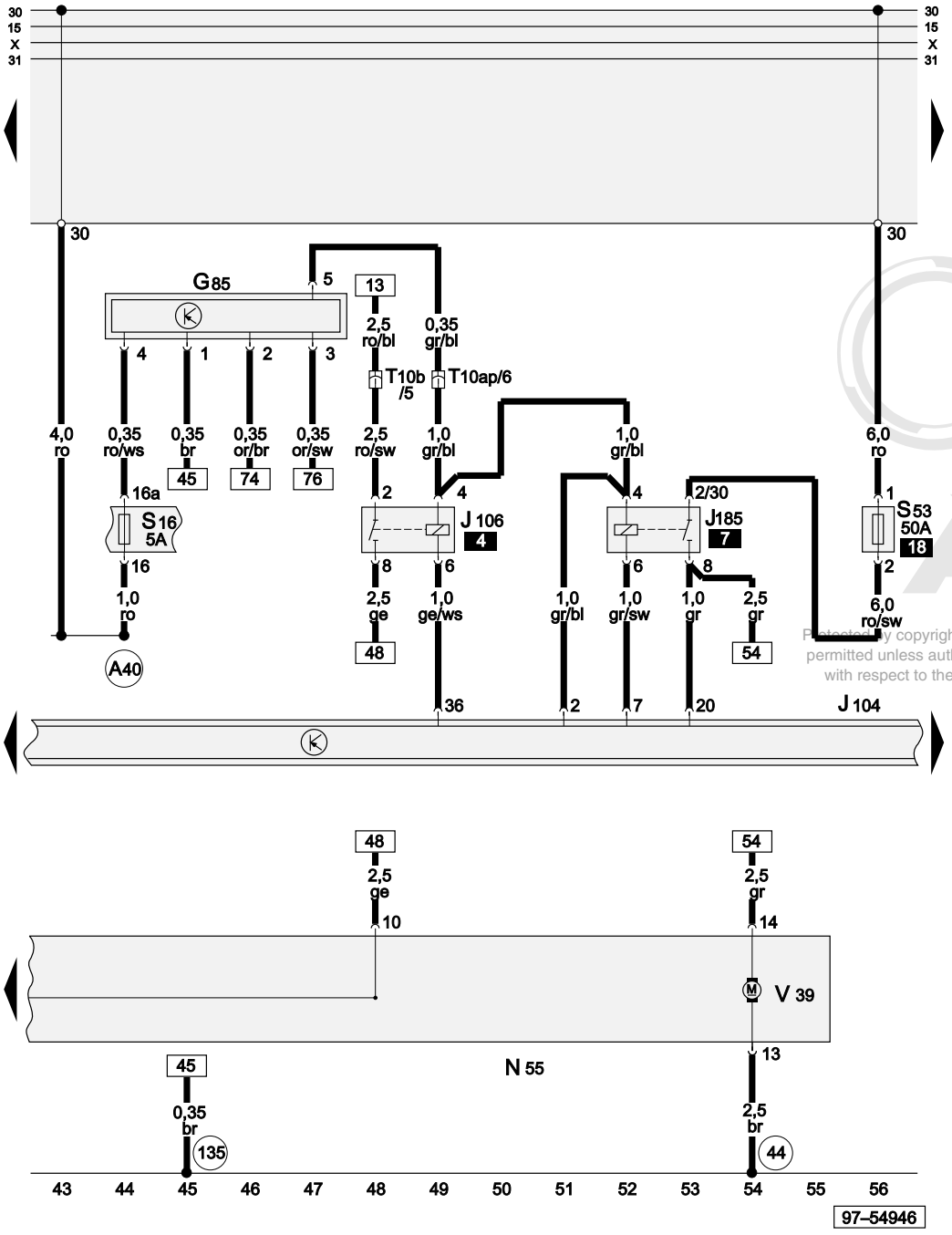
ABS hydraulic unit, ABS with EDL control unit

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
N225	Electronic stability program switch valve -1-
N226	Electronic stability program switch valve -2-
N227	Electronic stability program high pressure valve -1-
N228	Electronic stability program high pressure valve -2-



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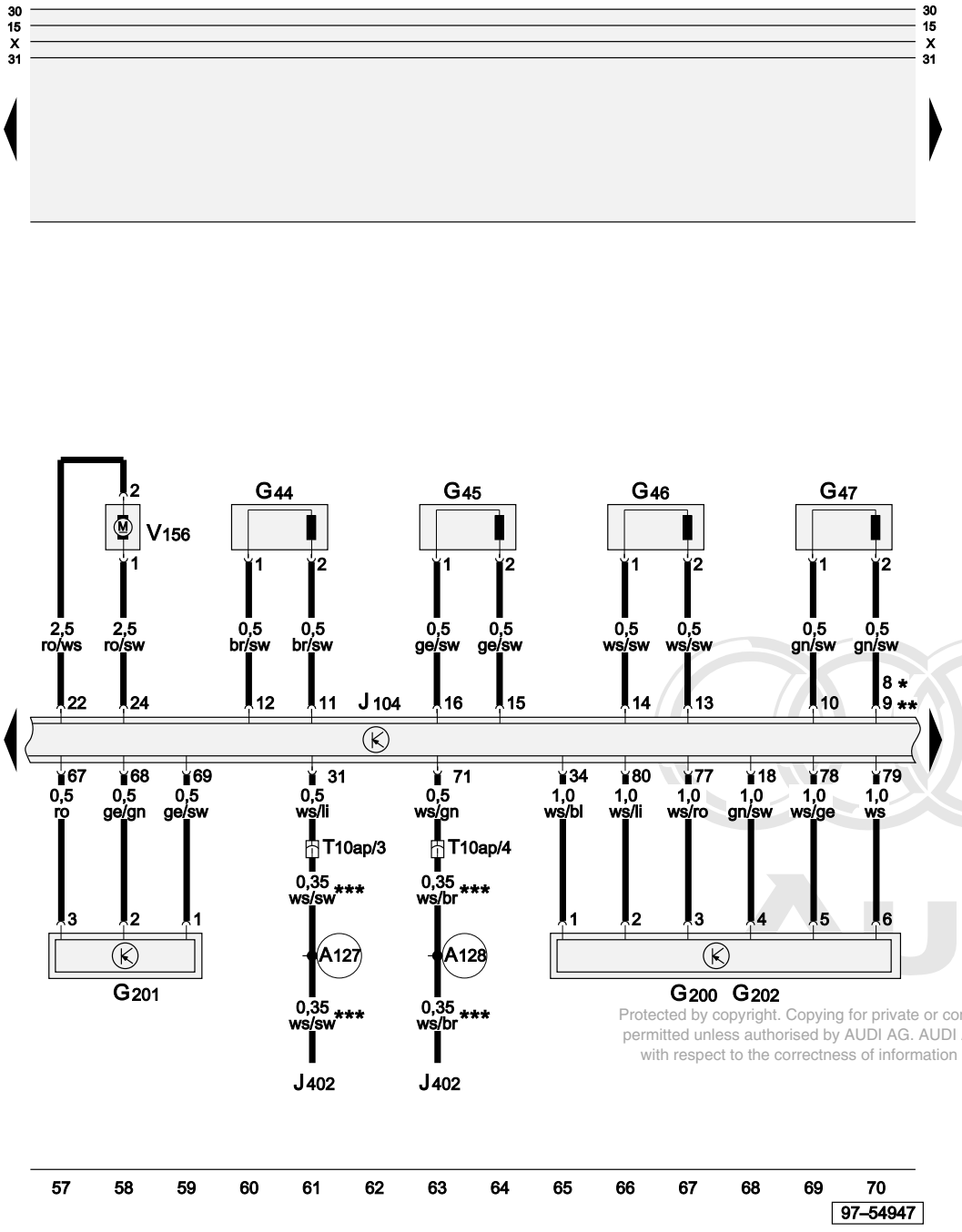


Fuses, steering angle sender, ABS relay, ABS with EDL control unit

G85	Steering angle sender
J104	ABS with EDL control unit
J106	Relay for ABS solenoid valves
J185	ABS hydraulic pump relay
N55	ABS hydraulic unit
S16	Fuse in fuse box/relay plate
S53	ABS hydraulic pump fuse
T10b	10-pin connector, orange, left connector point, A pillar
T10ap	10-pin connector, grey, right connector point, A pillar
V39	ABS return flow pump
44	Earth point, lower part of left A pillar
135	Earth connection -2-, in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness

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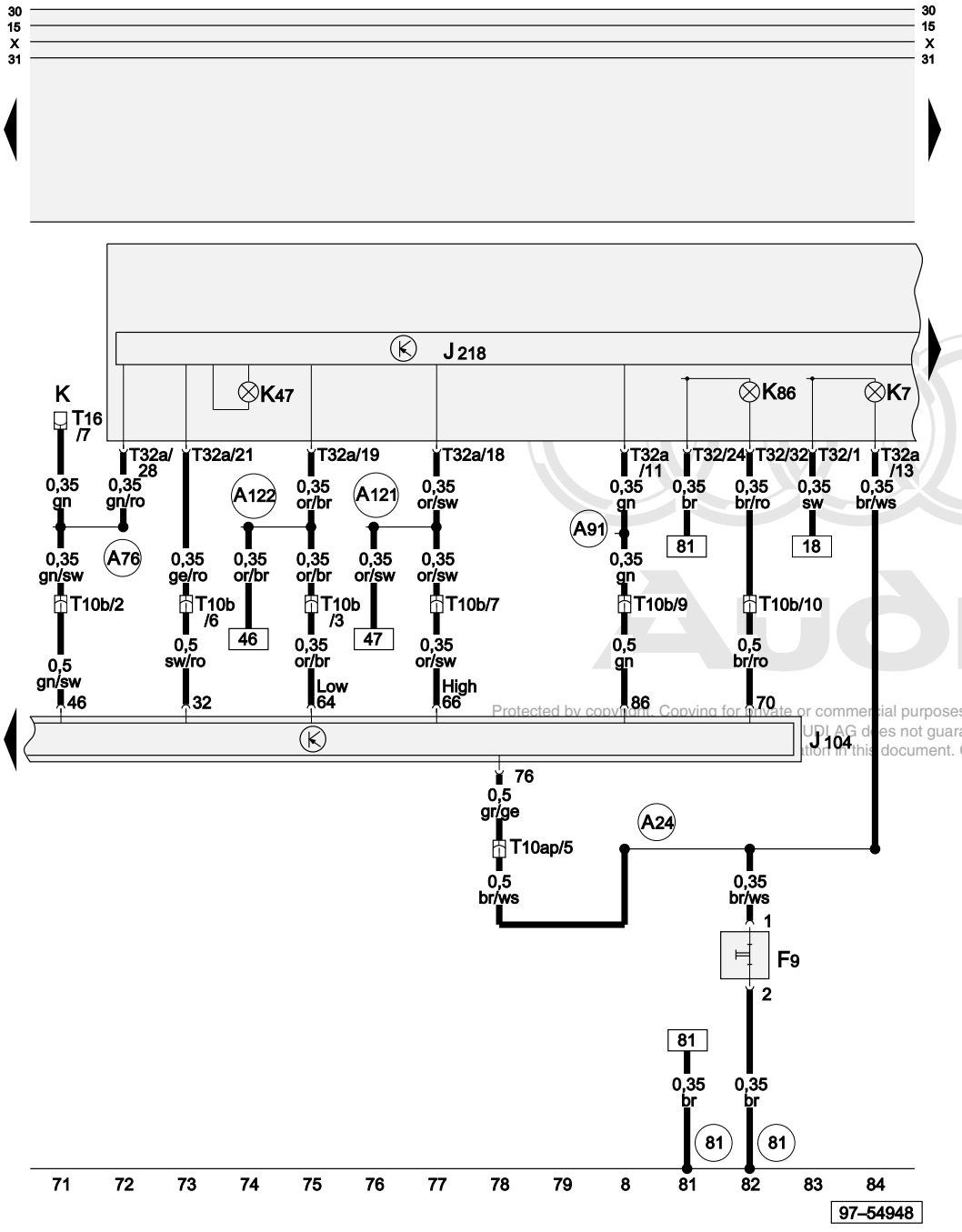


Pressure sensor, speed sensors, yaw rate sender, ABS with EDL control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
G200	Lateral acceleration sender
G201	Brake pressure sender -1-
G202	Yaw rate sender
J104	ABS with EDL control unit
J402	Operating electronics control unit, navigation
T10ap	10-pin connector, grey, right connector point, A pillar
V156	Electronic stability program hydraulic pump
A127	Connection (rear left speed sensor), in dash panel wiring harness
A128	Connection (rear right speed sensor), in dash panel wiring harness
*	Only models with quattro four-wheel drive
**	Does not apply to models with quattro four-wheel drive
***	Only models with radio navigation system

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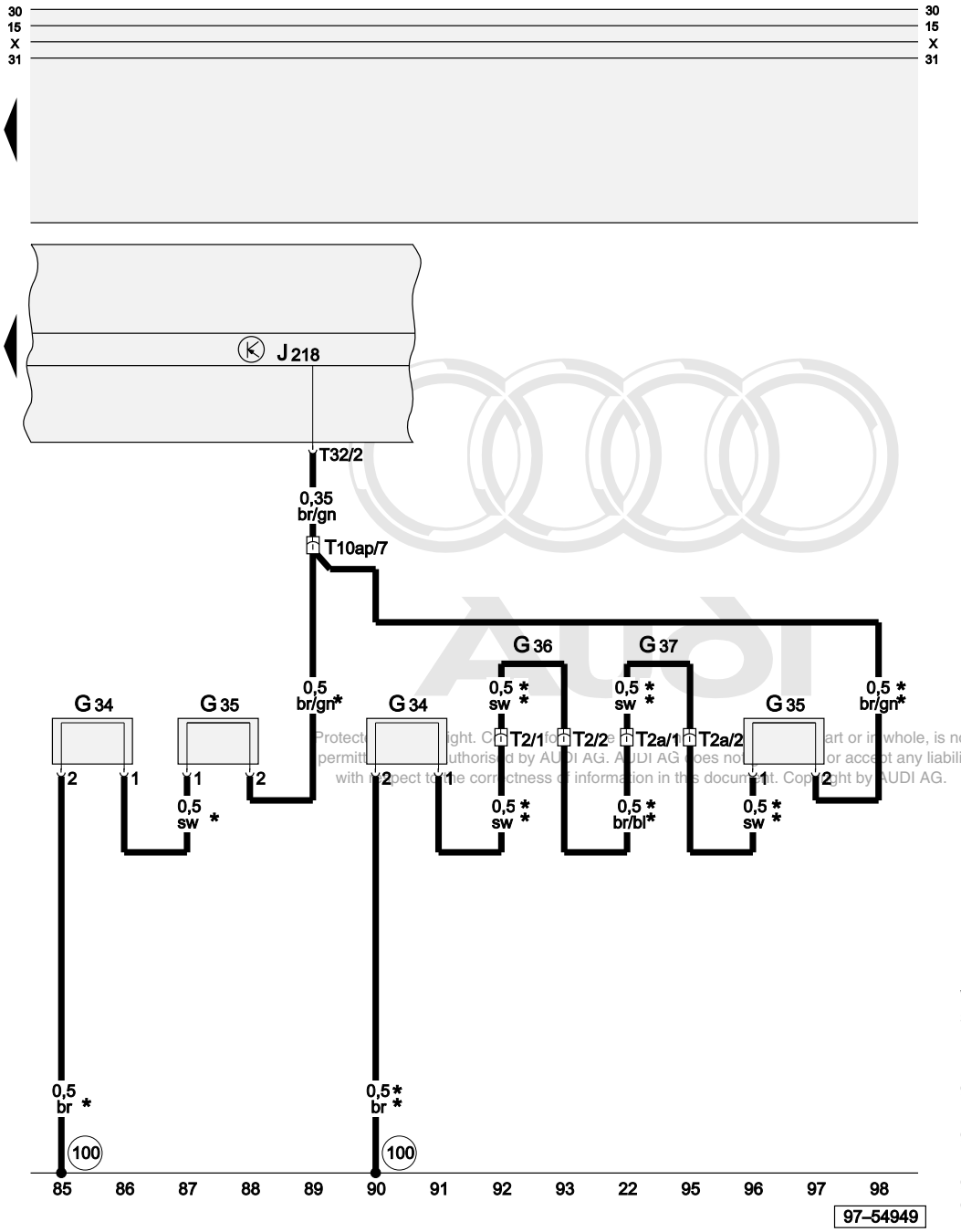


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ABS with EDL control unit, combi-processor in dash panel insert

F9	Handbrake warning switch
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
K7	Dual circuit brake/handbrake warning lamp
K47	ABS warning lamp
K86	Traction control system warning lamp
T10b	10-pin connector, orange, left connector point, A pillar
T10ap	10-pin connector, grey, right connector point, A pillar
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A24	Connection (brake system monitoring), 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
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness

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Brake lining/pad wear senders

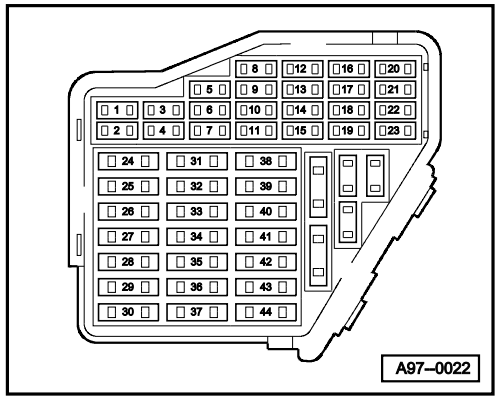
G34	Brake lining/pad wear sender, front left
G35	Brake lining/pad wear sender, front right
G36	Brake lining/pad wear sender, rear left
G37	Brake lining/pad wear sender, rear right
J218	Combi-processor in dash panel insert
T2	2-pin connector, red, rear right
T2a	2-pin connector, red, rear left
T10ap	10-pin connector, grey, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
100	Earth connection -1-, in ABS wiring harness
*	Does not apply to RS4 models
**	Applies to RS4 models only

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Electric seat adjustment / seat heating for Recaro sport seats

From model year 2001

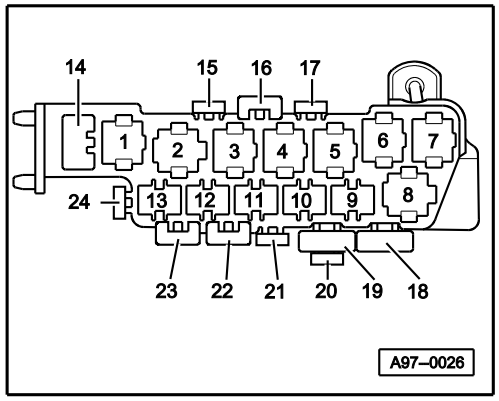
Fuse box



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:

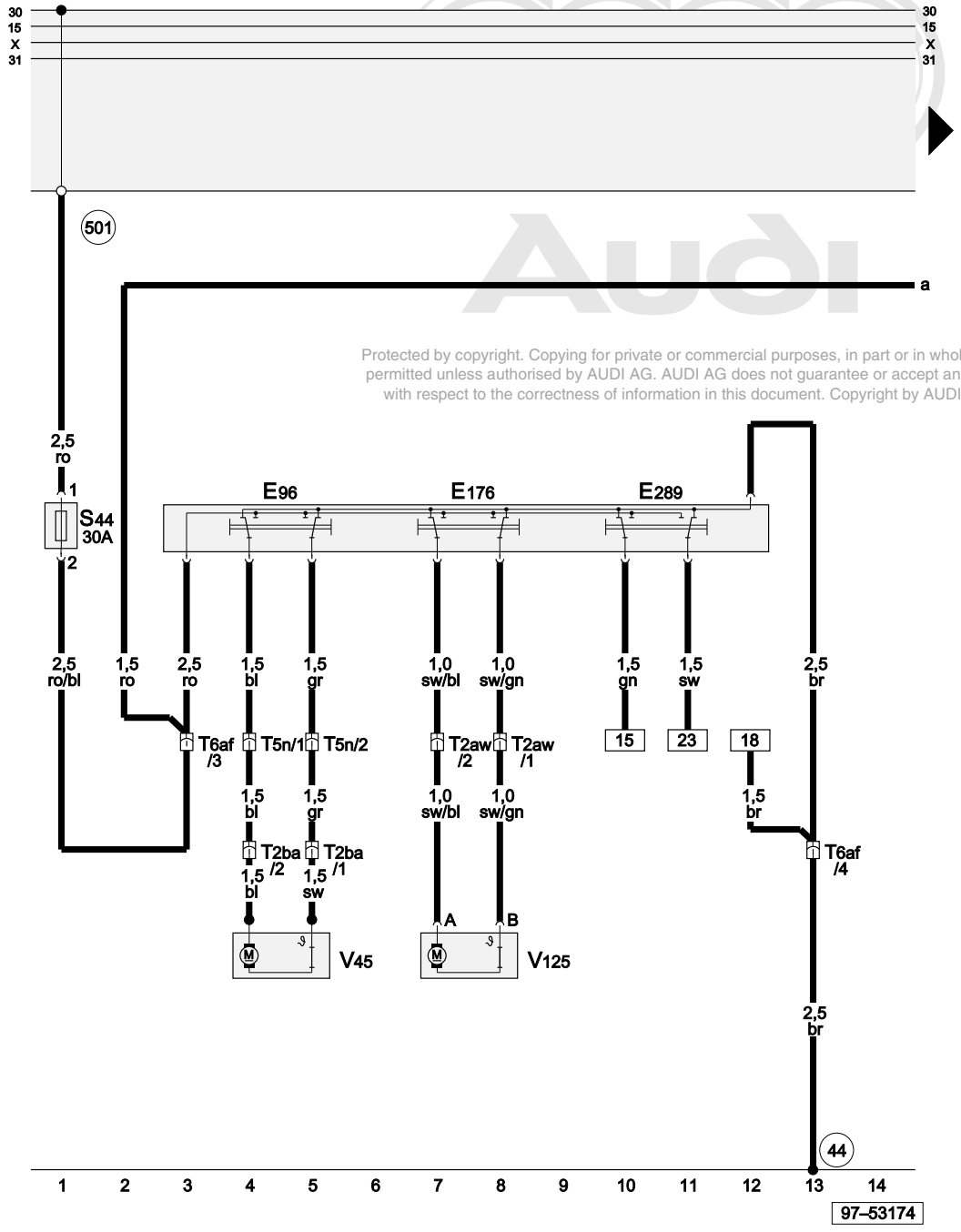
Position of fuses:

18 - Fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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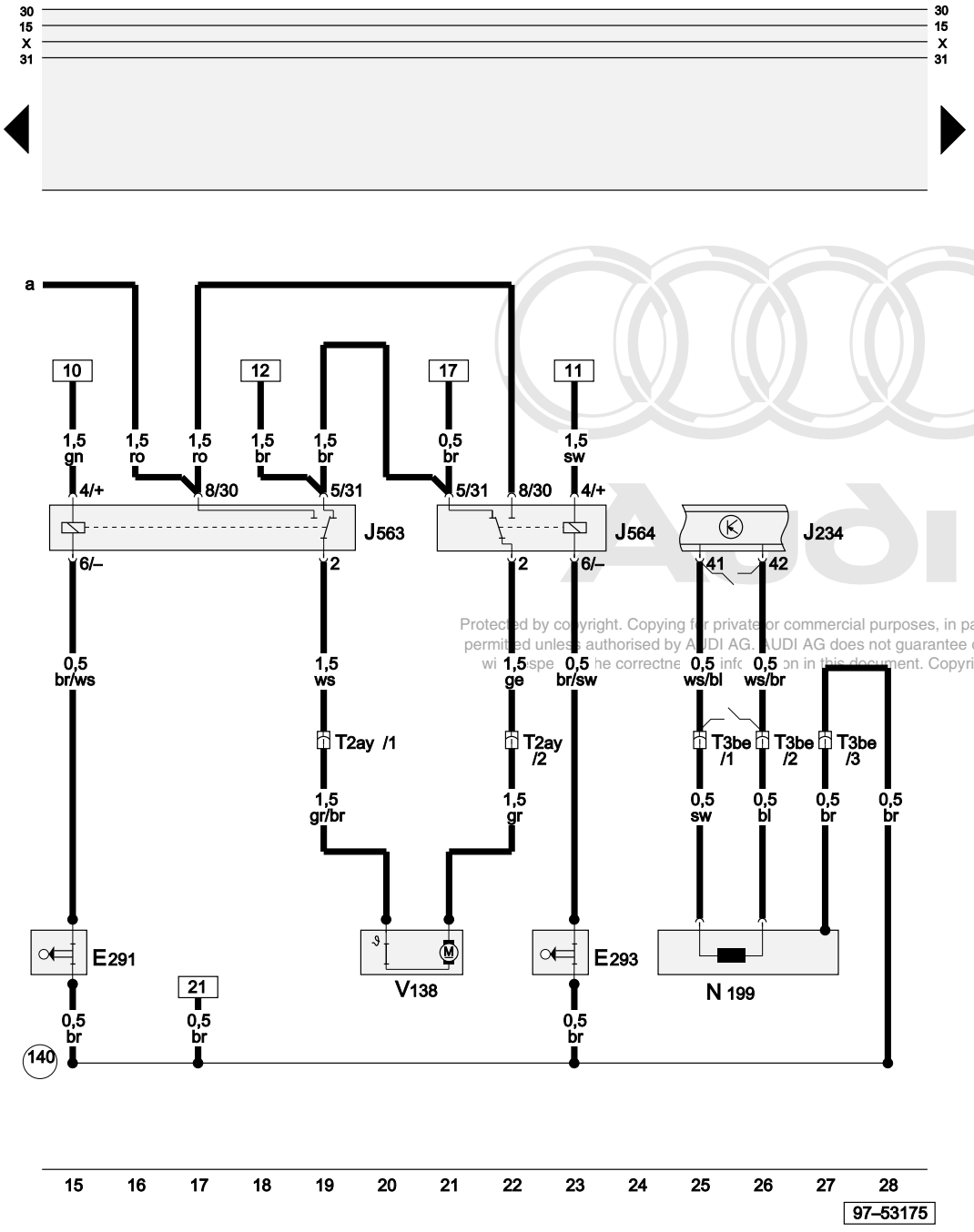


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Backrest adjustment and lumbar support adjustment for driver's seat

E96	Backrest adjustment switch, driver's seat
E176	Lumbar support adjustment switch, driver's seat
E289	Height adjustment switch, driver's side
S44	Seat adjustment thermo-fuse 1
T2aw	2-pin connector, grey, under driver's seat
T2ba	2-pin connector, black, in driver's seat backrest
T5n	5-pin connector, black, under driver's seat
T6af	6-pin connector, red, under driver's seat
V45	Backrest adjustment motor, driver's seat
V125	Lumbar support longitudinal adjustment motor, driver's seat
44	Earth point, lower part of left A pillar
501	Screw connection -2- (30), on relay plate

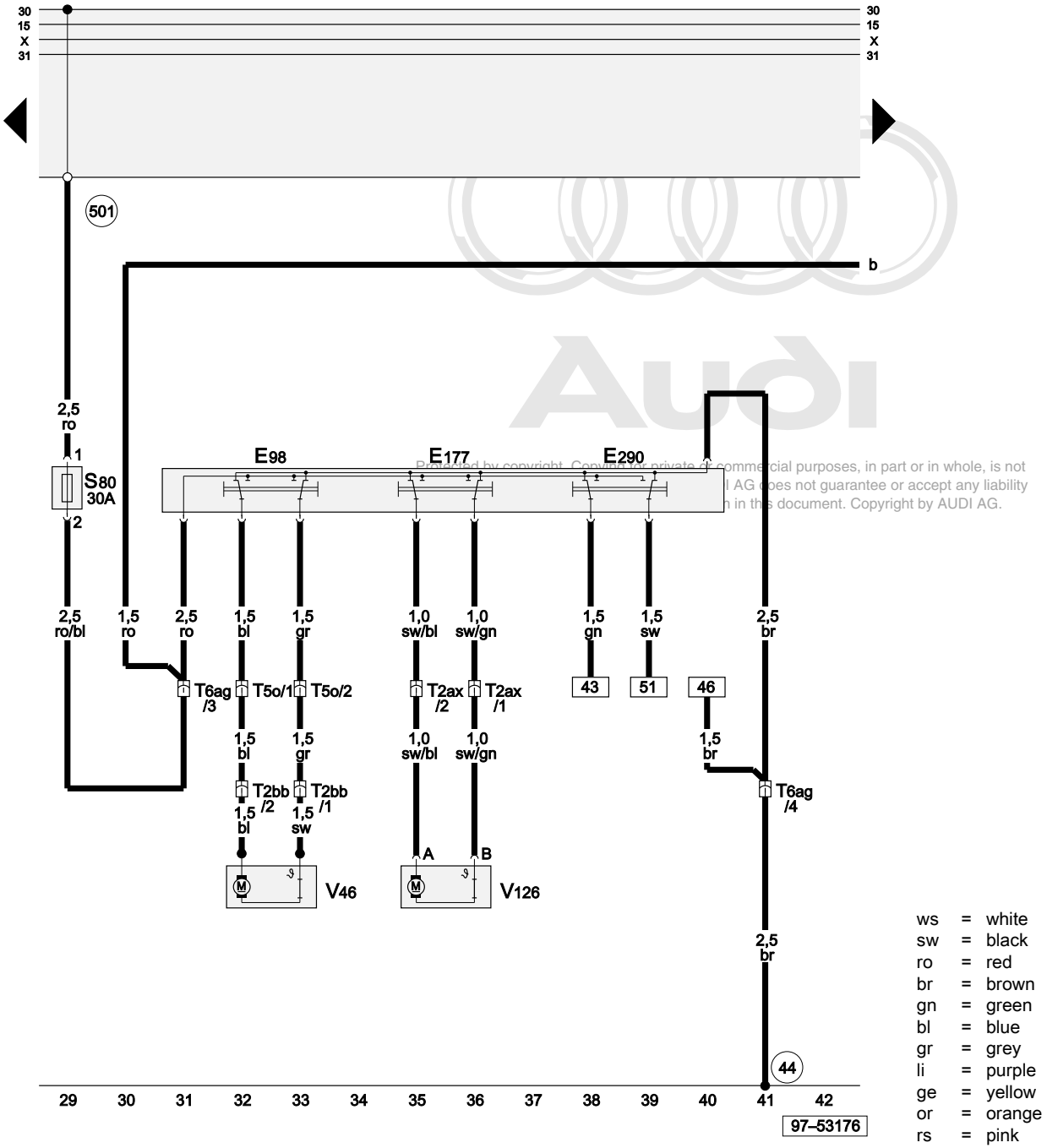


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Height adjustment for driver's seat, side airbag

E291	Height adjustment upper limit switch, driver's seat
E293	Height adjustment lower limit switch, driver's seat
J234	Airbag control unit
J563	Height adjustment relay 1, driver's seat
J564	Height adjustment relay 2, driver's seat
N199	Side airbag igniter, driver's side
T2ay	2-pin connector, blue, under driver's seat
T3be	3-pin connector, yellow, under driver's seat
V138	Driver's seat height adjustment motor
140	Earth connection -2-, in seat adjustment wiring harness

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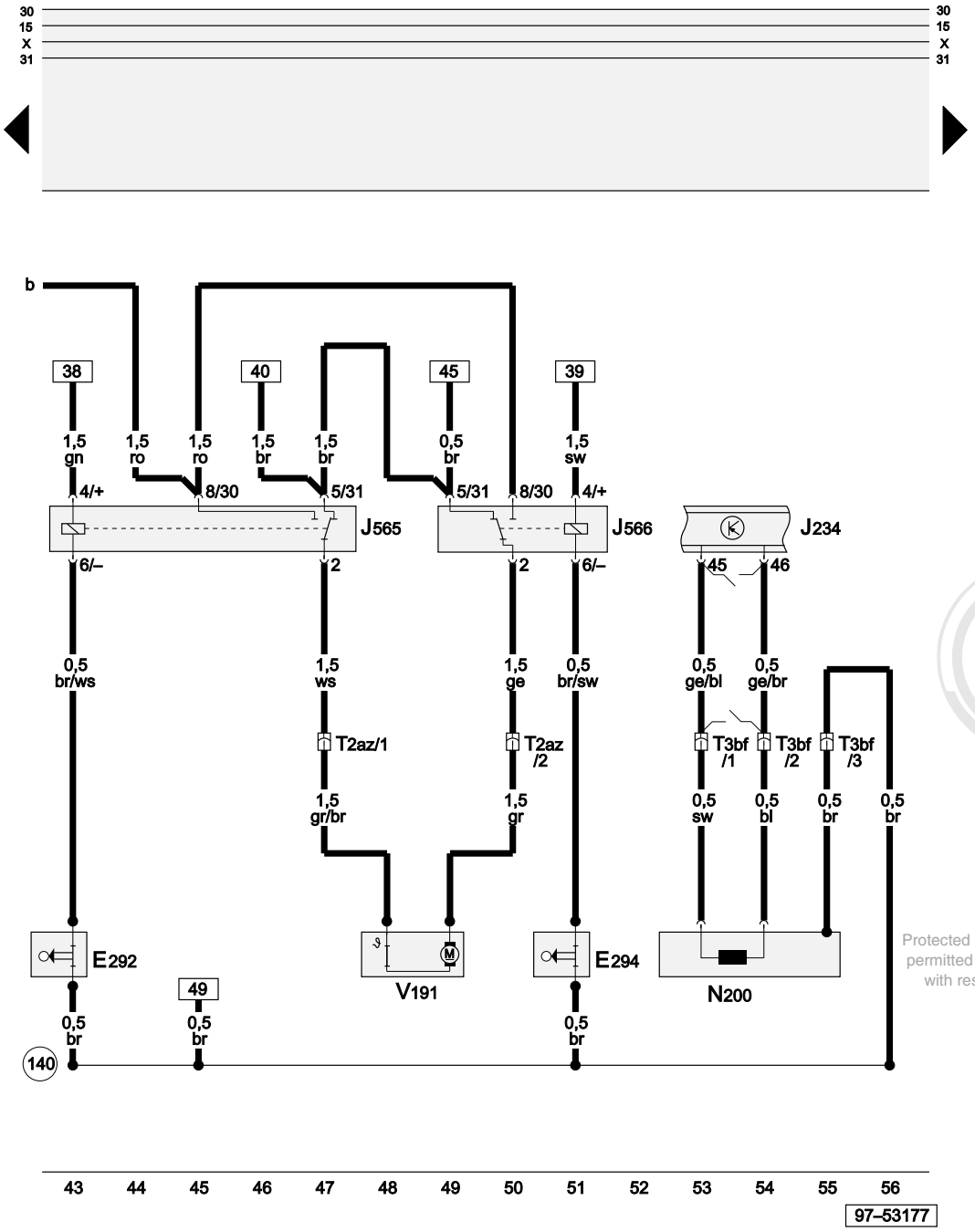


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Backrest adjustment and lumbar support adjustment for front passenger's seat

E98	Backrest adjustment switch, front passenger's seat
E177	Lumbar support adjustment switch, front passenger's seat
E290	Height adjustment switch, front passenger's side
S80	Seat adjustment thermo-fuse 2
T2ax	2-pin connector, grey, under front passenger's seat
T2bb	2-pin connector, black, in front passenger's seat backrest
T5o	5-pin connector, black, under front passenger's seat
T6ag	6-pin connector, red, under front passenger's seat
V46	Backrest adjustment motor, front passenger's seat
V126	Lumbar support longitudinal adjustment motor, front passenger's seat
44	Earth point, lower part of left A pillar
501	Screw connection -2- (30), on relay plate

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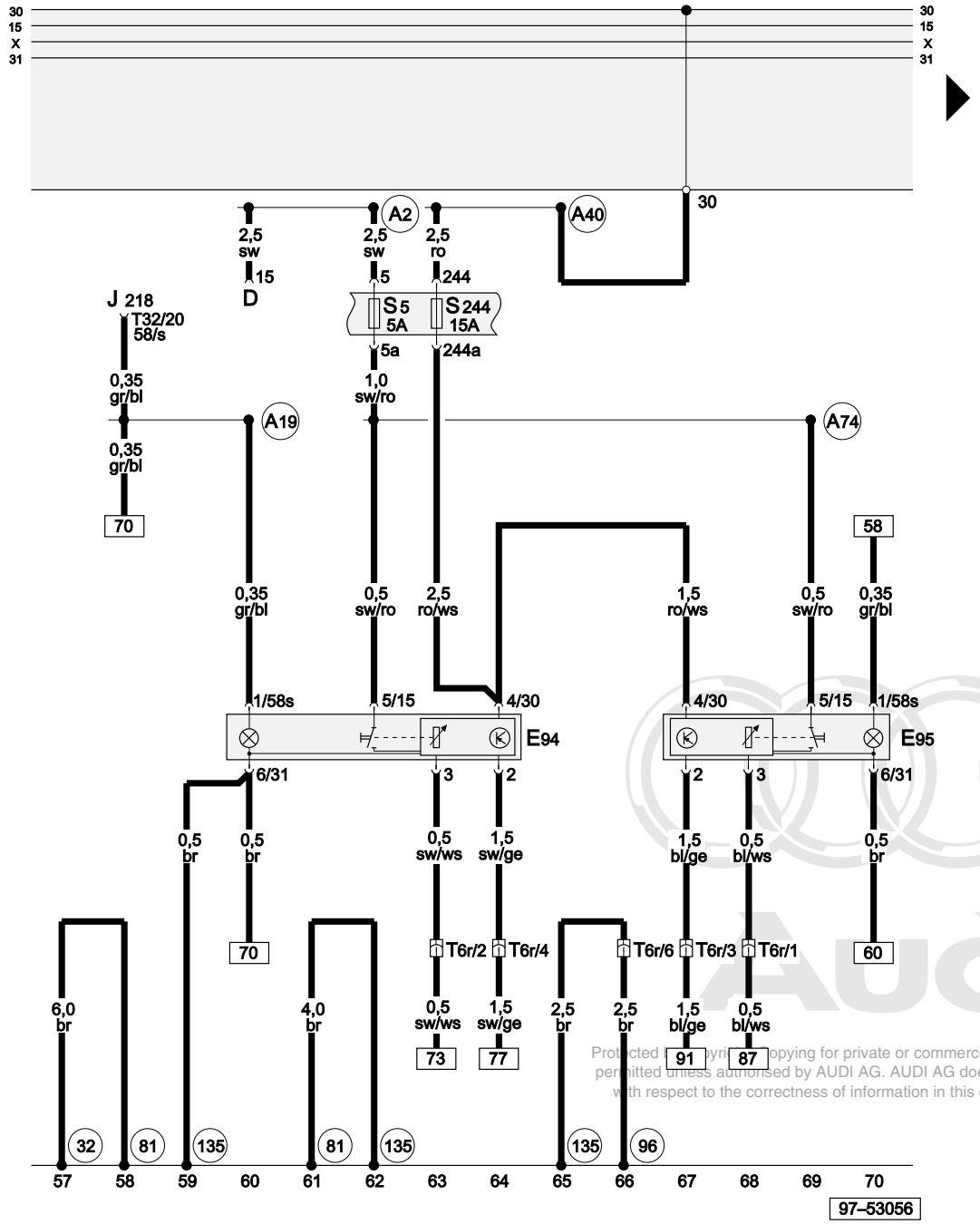


Height adjustment for front passenger's seat, side airbag

E292	Height adjustment upper limit switch, front passenger's seat
E294	Height adjustment lower limit switch, front passenger's seat
J234	Airbag control unit
J565	Height adjustment relay 1, front passenger's seat
J566	Height adjustment relay 2, front passenger's seat
N200	Side airbag igniter, front passenger's side
T2az	2-pin connector, blue, under front passenger's seat
T3bf	3-pin connector, yellow, under front passenger's seat
V191	Height adjustment motor, front passenger's seat
140	Earth connection -2-, in seat adjustment wiring harness

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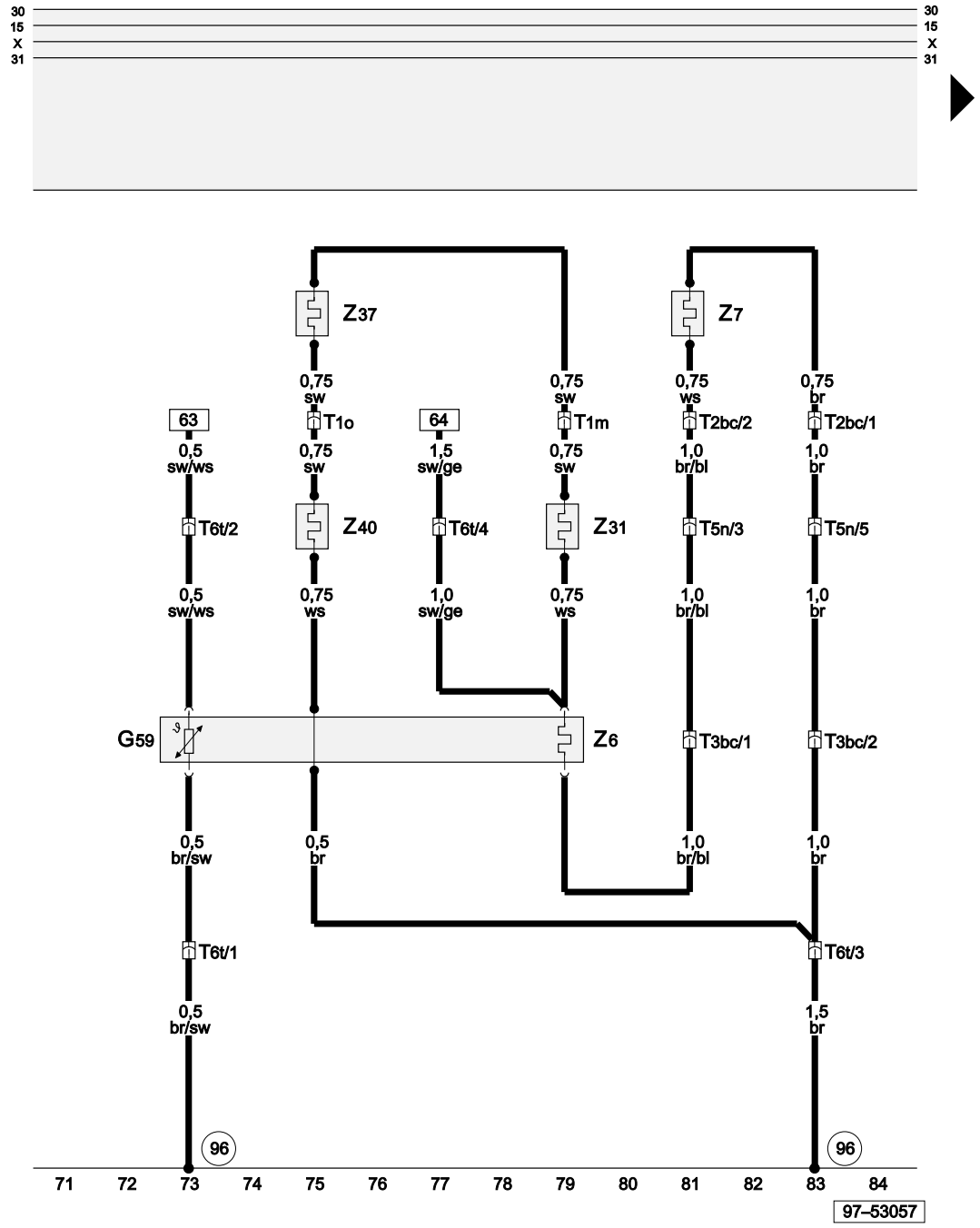


Adjuster for heated driver's seat and front passenger's seat

D	Ignition/starter switch
E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
J218	Combi-processor in dash panel insert
S5	Fuse in fuse box/relay plate
S244	Fuse in fuse box
T6r	6-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
32	Earth point, behind dash panel, left
81	Earth connection -1-, in dash panel wiring harness
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	Connection (15a, fuse 5), in dash panel wiring harness

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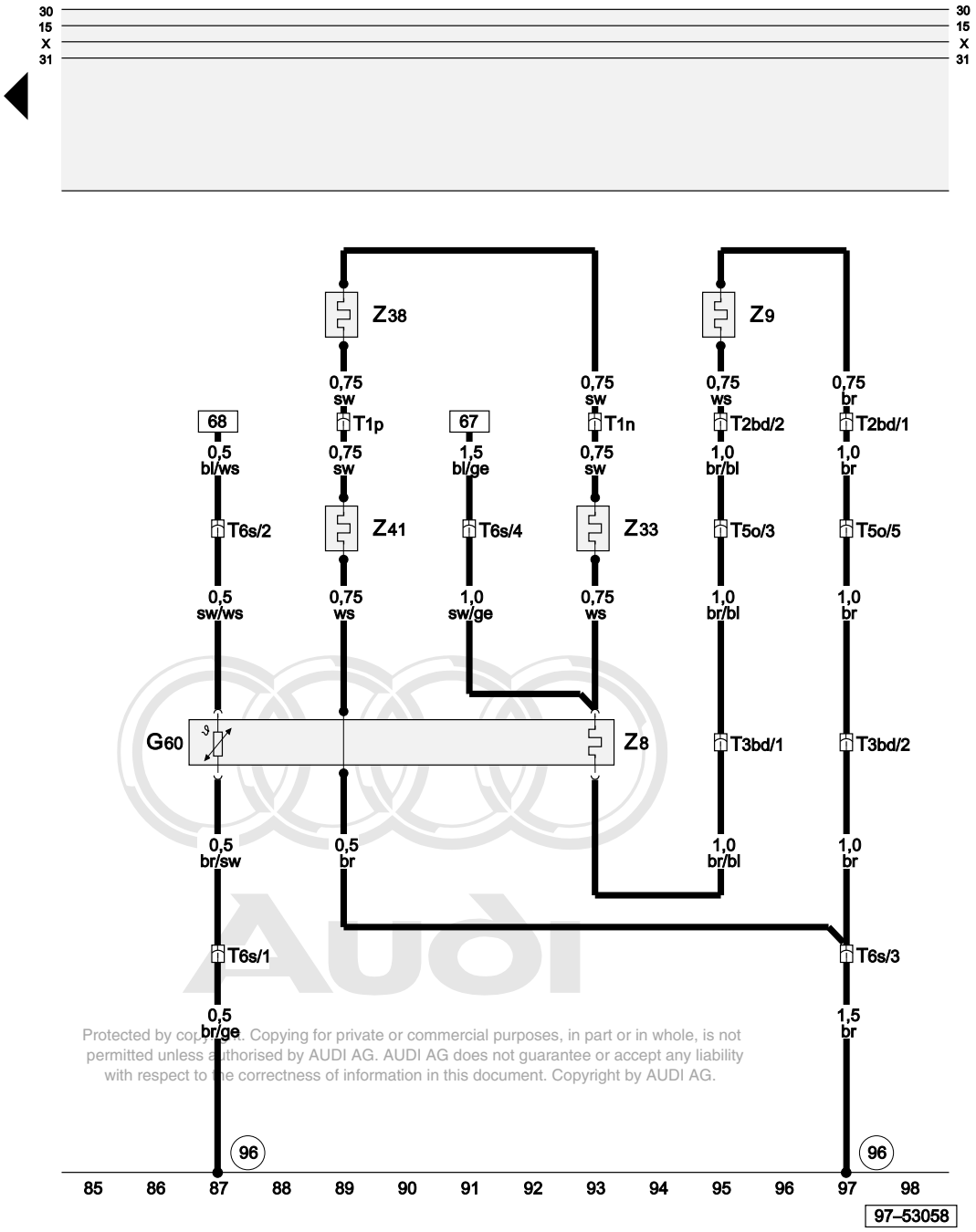


Seat heating for driver's seat

G59	Driver's seat temperature sensor
T1m	Single connector, black, under driver's seat
T1o	Single connector, black, under driver's seat
T2bc	2-pin connector, black, under driver's seat
T3bc	3-pin connector, black, under driver's seat
T5n	5-pin connector, black, under driver's seat
T6t	6-pin connector, green, under driver's seat
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z31	Seat lateral support heater, driver's seat
Z37	Heated driver's seat extension
Z40	Lateral support heating 2, driver's seat
96	Earth connection -1-, in seat heating wiring harness

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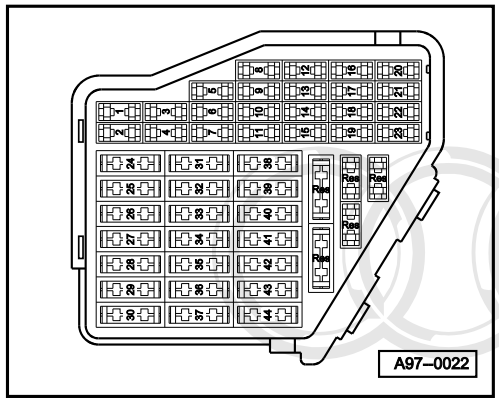
Seat heating for front passenger's seat

G60	Front passenger's seat temperature sensor
T1n	Single connector, black, under front passenger's seat
T1p	Single connector, black, under front passenger's seat
T2bd	2-pin connector, black, under front passenger's seat
T3bd	3-pin connector, black, under front passenger's seat
T5o	5-pin connector, black, under front passenger's seat
T6s	6-pin connector, green, under front passenger's seat
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
Z33	Seat lateral support heater, front passenger's seat
Z38	Heated front passenger's seat extension
Z41	Lateral support heating 2, front passenger's seat
96	Earth connection -1-, in seat heating wiring harness

Air conditioner with automatic control

from September 2000

Fuse box:

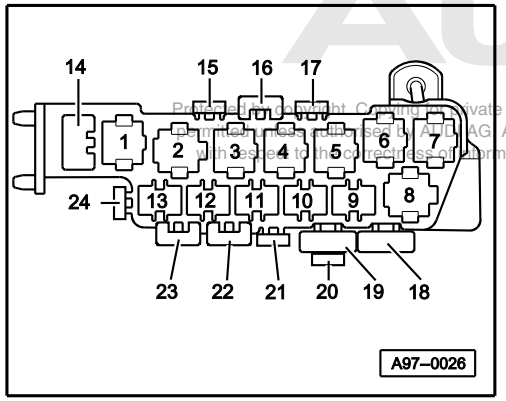


Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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 - Radiator fan relay

2 - Radiator fan 2nd speed relay

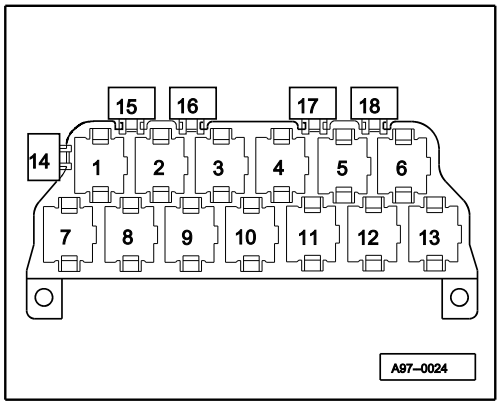
3 - Radiator fan run-on relay

Position of fuses:

21 - Fuse 51

22 - Radiator fan single fuse

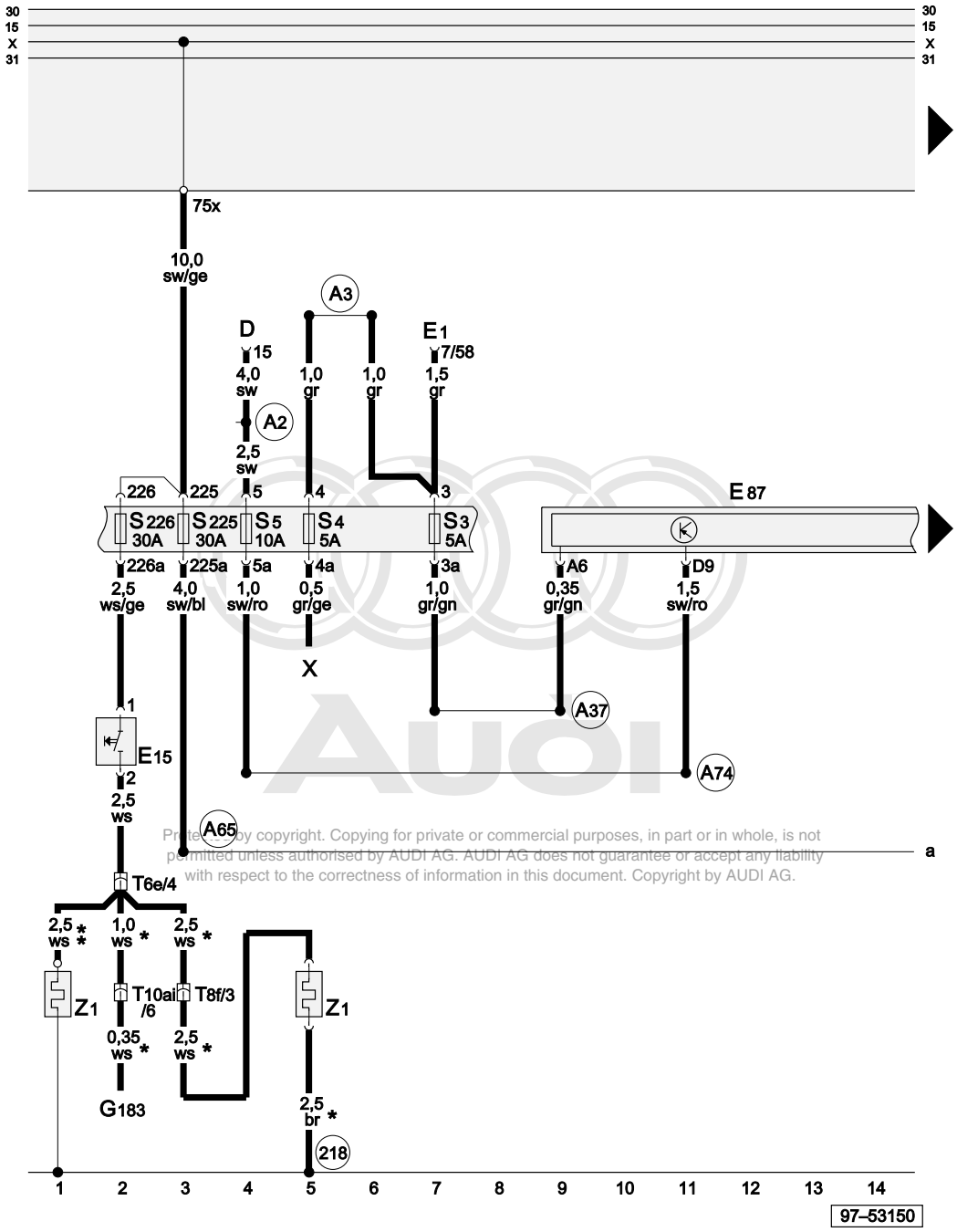
13-point relay carrier:



Position of relays:

■ - Magnetic coupling relay
(Fit at any vacant relay point)

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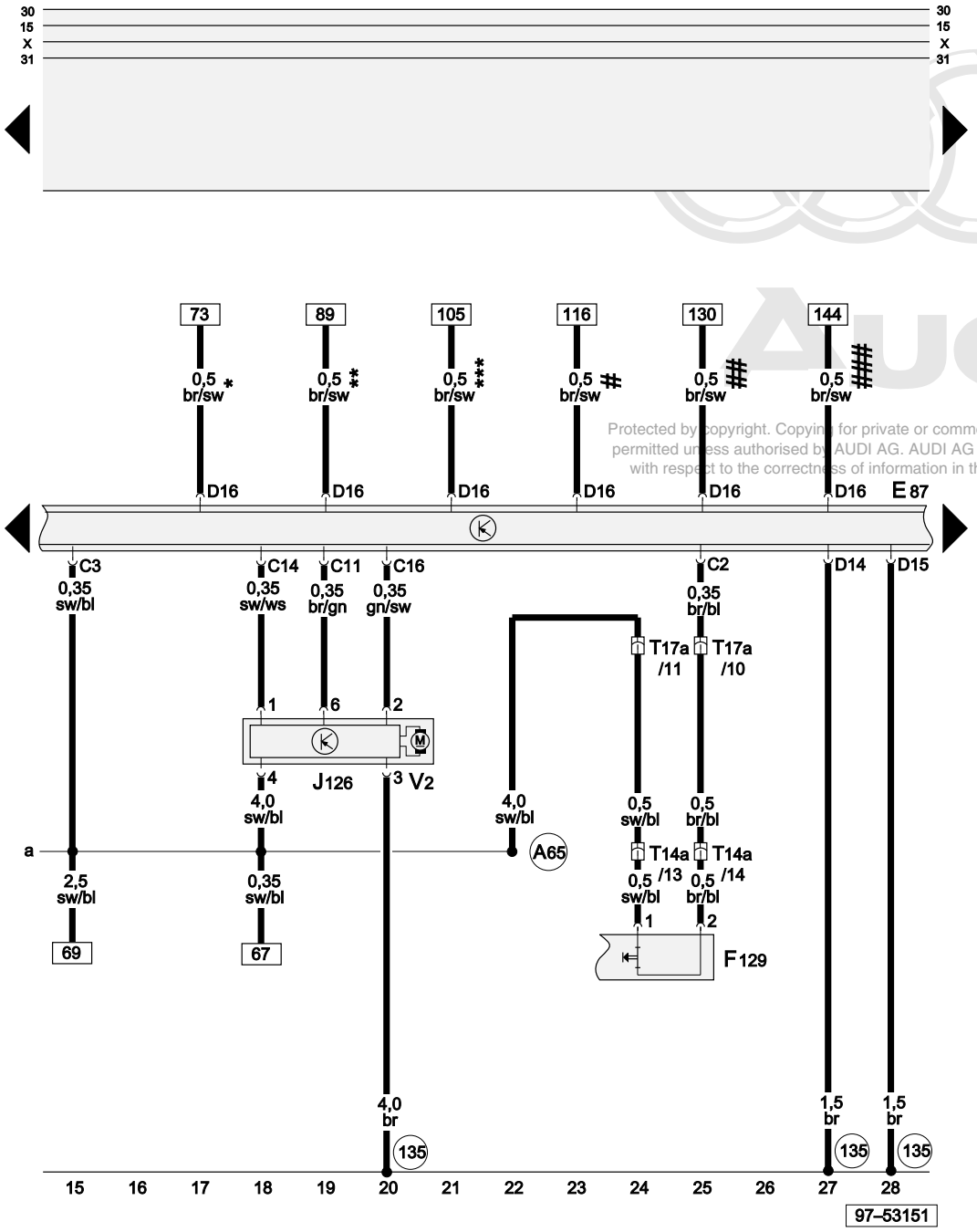


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Voltage supply, fuses, heated rear window

D	Ignition/starter switch
E1	Lighting switch
E15	Heated rear window switch
E87	Control and display unit for air conditioner
G183	Glass breakage sensor, rear left side window
S3	Fuse in fuse box
S4	Fuse in fuse box
S5	Fuse in fuse box
S225	Fuse in fuse box
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
X	Number plate light
Z1	Heated rear window
218	Earth connection -1-, in tailgate/boot lid wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A37	Connection (58a), 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
*	Applies to Audi Avant models only
**	Applies to Audi saloons only

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br	=	brown
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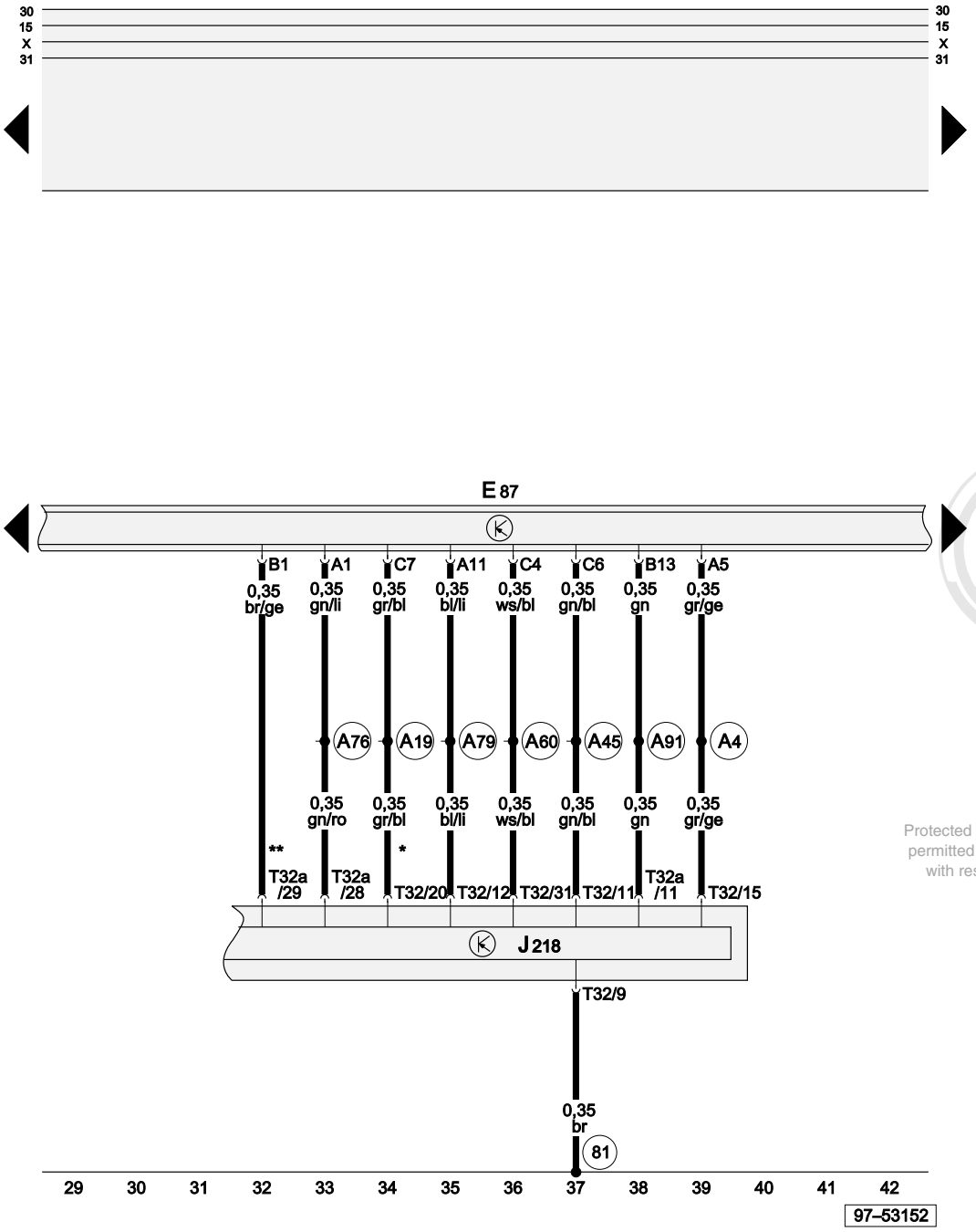


Voltage supply, fuses, air conditioner pressure switch, fresh air blower

E87	Control and display unit for air conditioner
F129	Air conditioner pressure switch
J126	Fresh air blower control unit
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V2	Fresh air blower
135	Earth connection -2-, in dash panel wiring harness
A65	Connection (75a, digital air conditioner), in dash panel wiring harness
*	Applies to all 4-cylinder petrol engines
**	Applies to 2.7 litre Motronic
***	Applies to 2.8 litre Motronic (cooling system 8Z6)
#	Applies to 2.8 litre Motronic (cooling system 8Z5)
##	Applies to all 1.9 litre diesel engines
###	Applies to all 2.5 litre diesel engines

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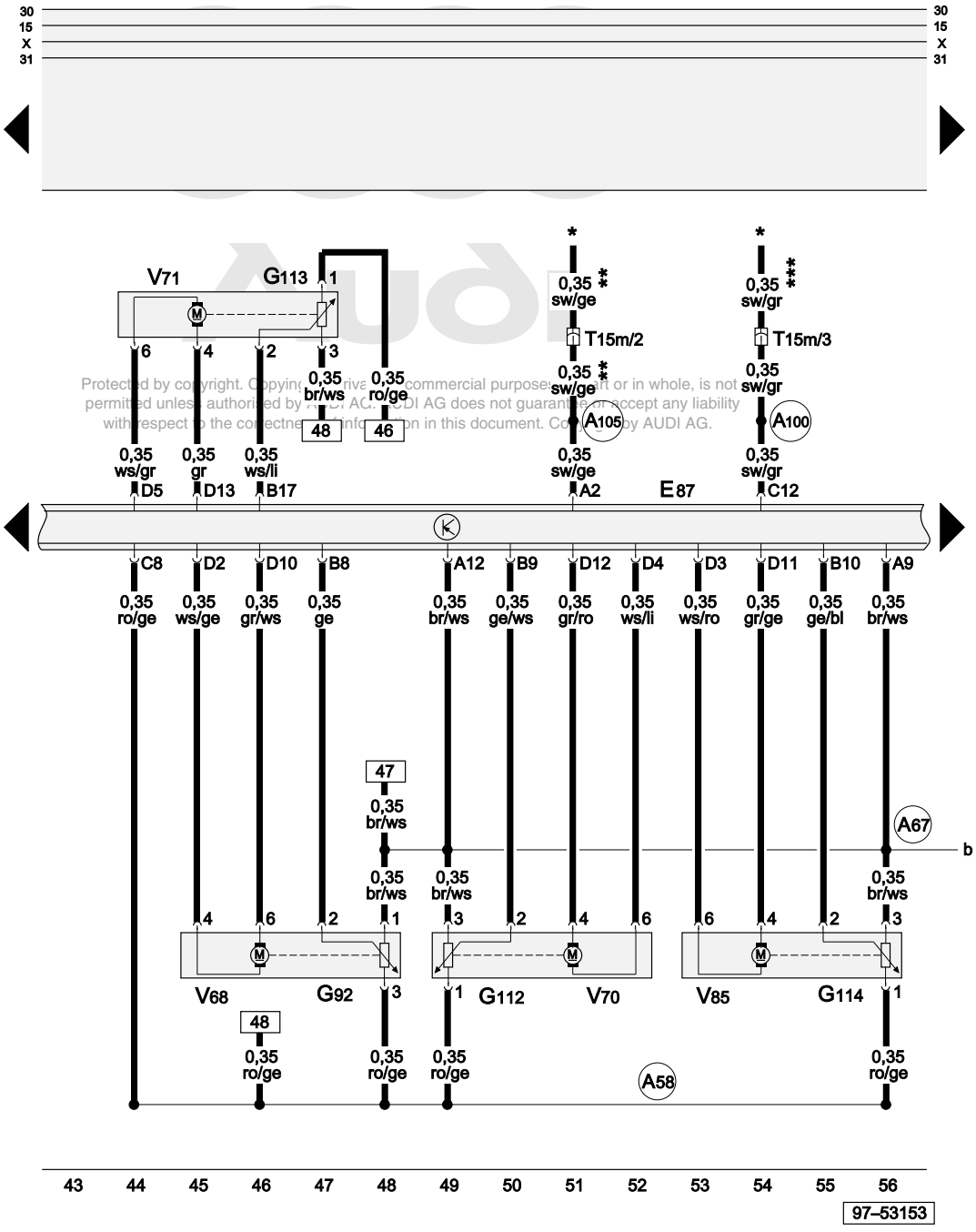


Combi-processor in dash panel insert

E87	Control and display unit for air conditioner
J218	Combi-processor in dash panel insert
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A4	Positive (+) connection (58b), 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
A76	Connection (diagnosis wire K), 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
*	Output for illumination
**	Only models with multi-function display (input for temperature indicator)

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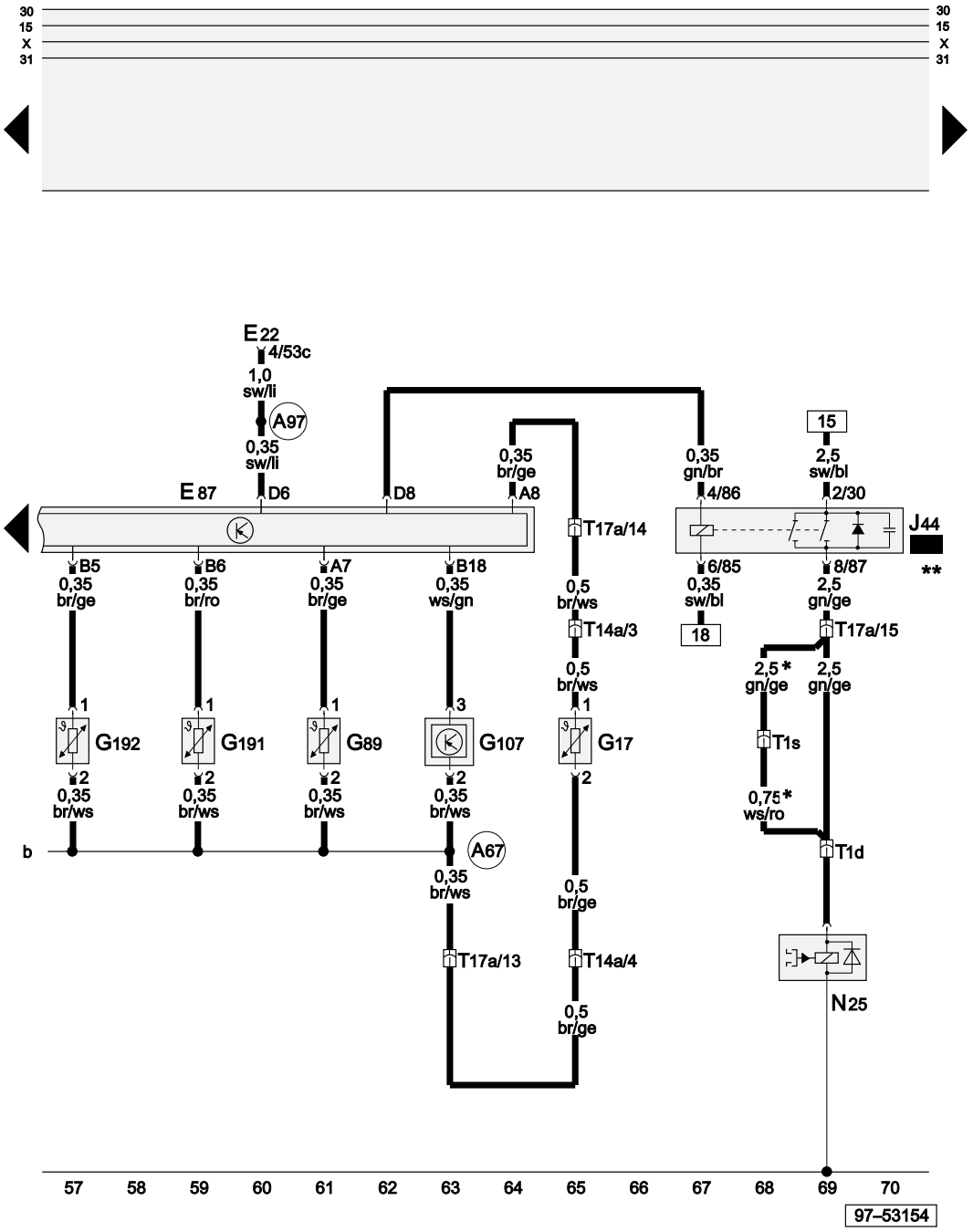


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Defroster flap, temperature flap, central flap, air flow flap

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
T15m	15-pin connector, red, 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
A67	Connection (normal earth, digital air conditioner), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
*	See applicable engine version
**	Does not apply to 6-cylinder engines
***	Air conditioner compressor switched on

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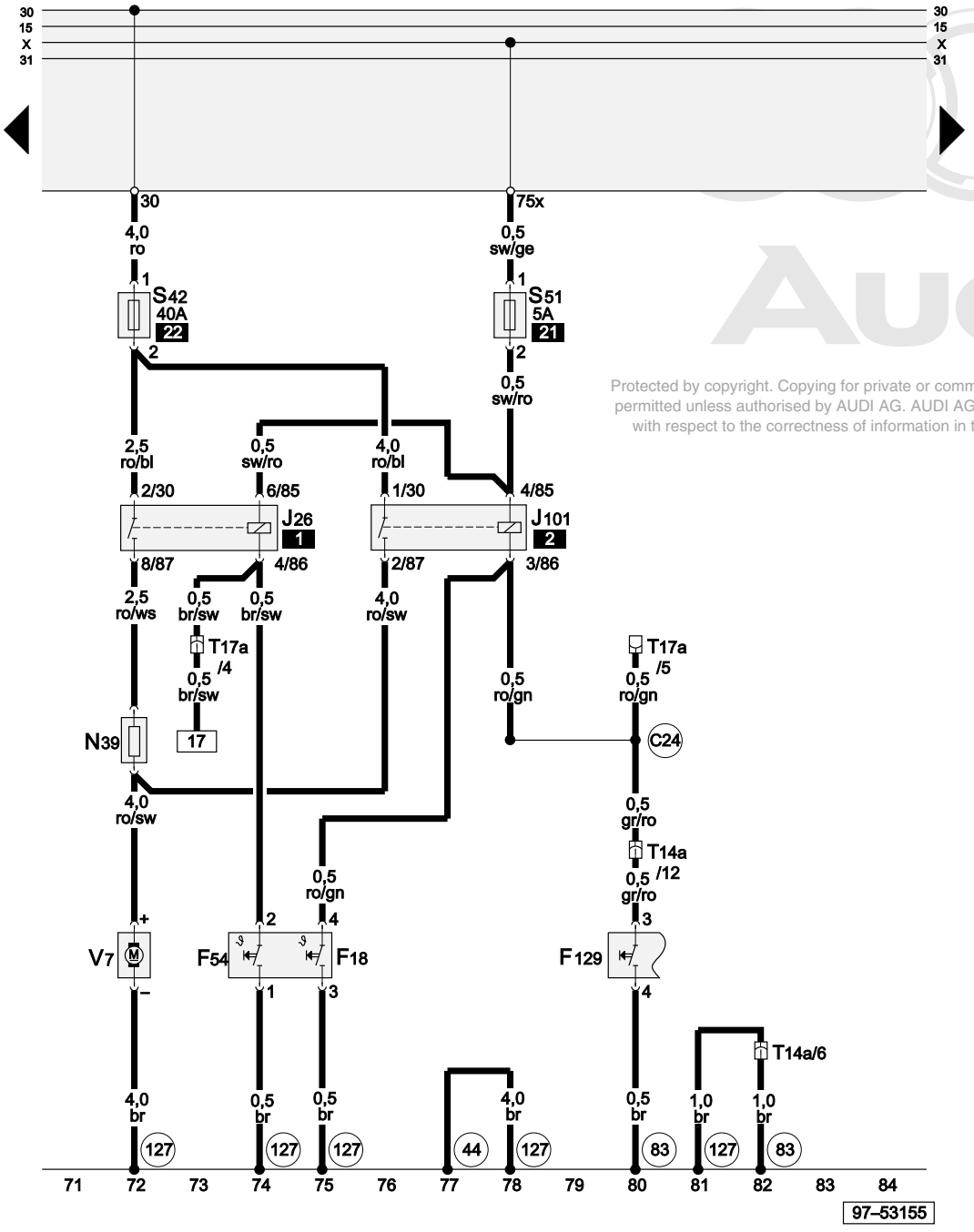


Magnetic coupling, temperature sensors, photosensor

E22	Intermittent wiper switch
E87	Control and display unit for air conditioner/Climatronic
G17	Ambient temperature sensor
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photosensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
J44	Magnetic coupling relay
N25	Air conditioning system magnetic coupling
T1d	Single connector, green, in engine compartment, near compressor
T1s	Single connector, green, in engine compartment
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
A67	Connection (31, air conditioner), in dash panel wiring harness
A97	Connection (53), in dash panel wiring harness
*	Applies to 4-cylinder engines only
**	Fit at any vacant relay point

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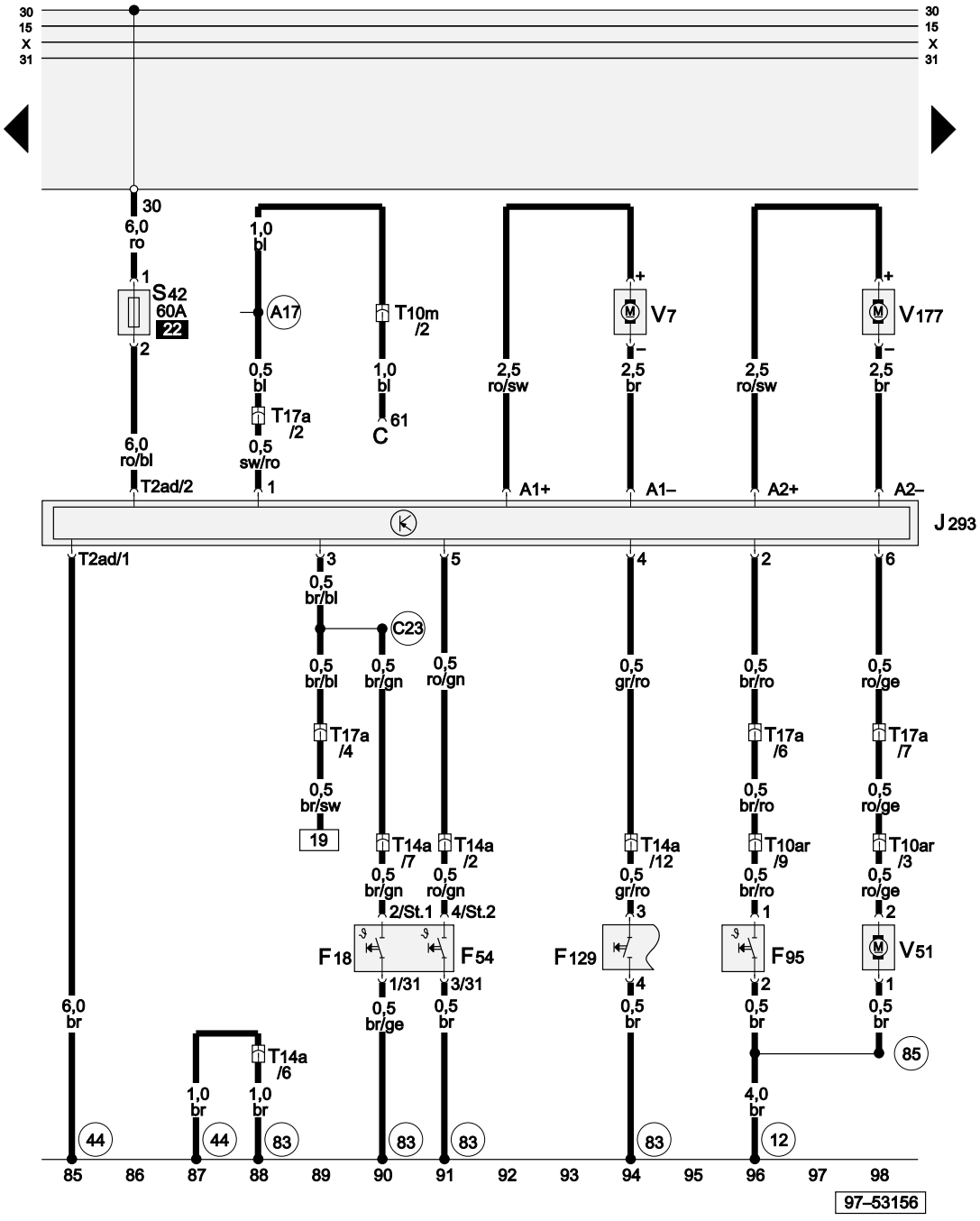


Radiator fan control for all 4-cylinder petrol engines

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F129	Air conditioner pressure switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
127	Earth connection -1-, in air conditioner compressor wiring harness
C24	Connection (radiator fan speed II), in headlight/air conditioner wiring harness

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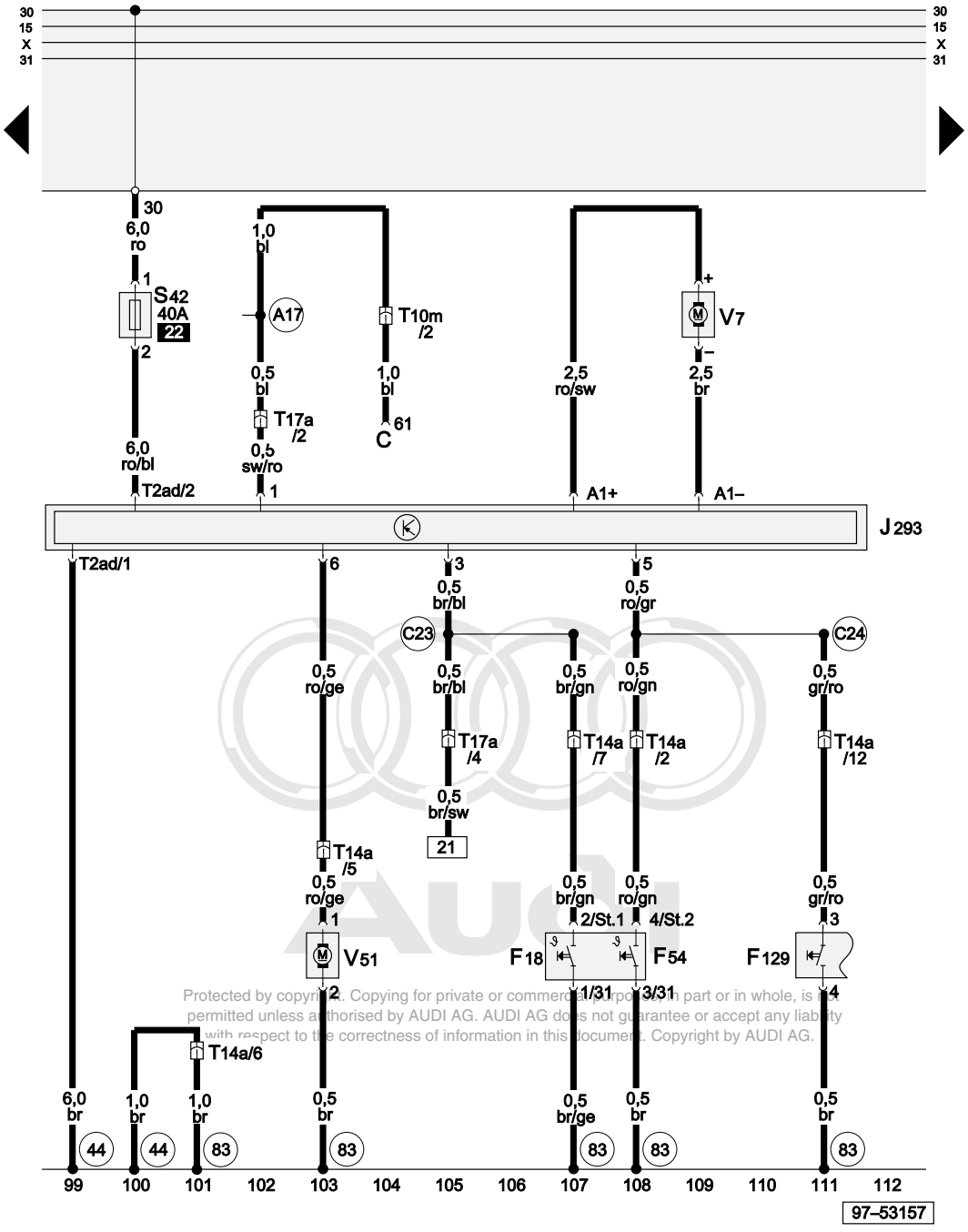


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Radiator fan control for 2.7 litre engine (bi-turbo engine)

C	Alternator
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F95	Thermo-switch for continued circulation of coolant
F129	Air conditioner pressure switch
J293	Radiator fan control unit
S42	Radiator fan single fuse
T2ad	2-pin connector, on radiator fan control unit
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
V51	Continued circulation of coolant pump
V177	Radiator fan -2-
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
85	Earth connection -1-, in engine compartment wiring harness
A17	Connection (61), in dash panel wiring harness
C23	Connection (radiator fan speed I), in headlight/air conditioner wiring harness

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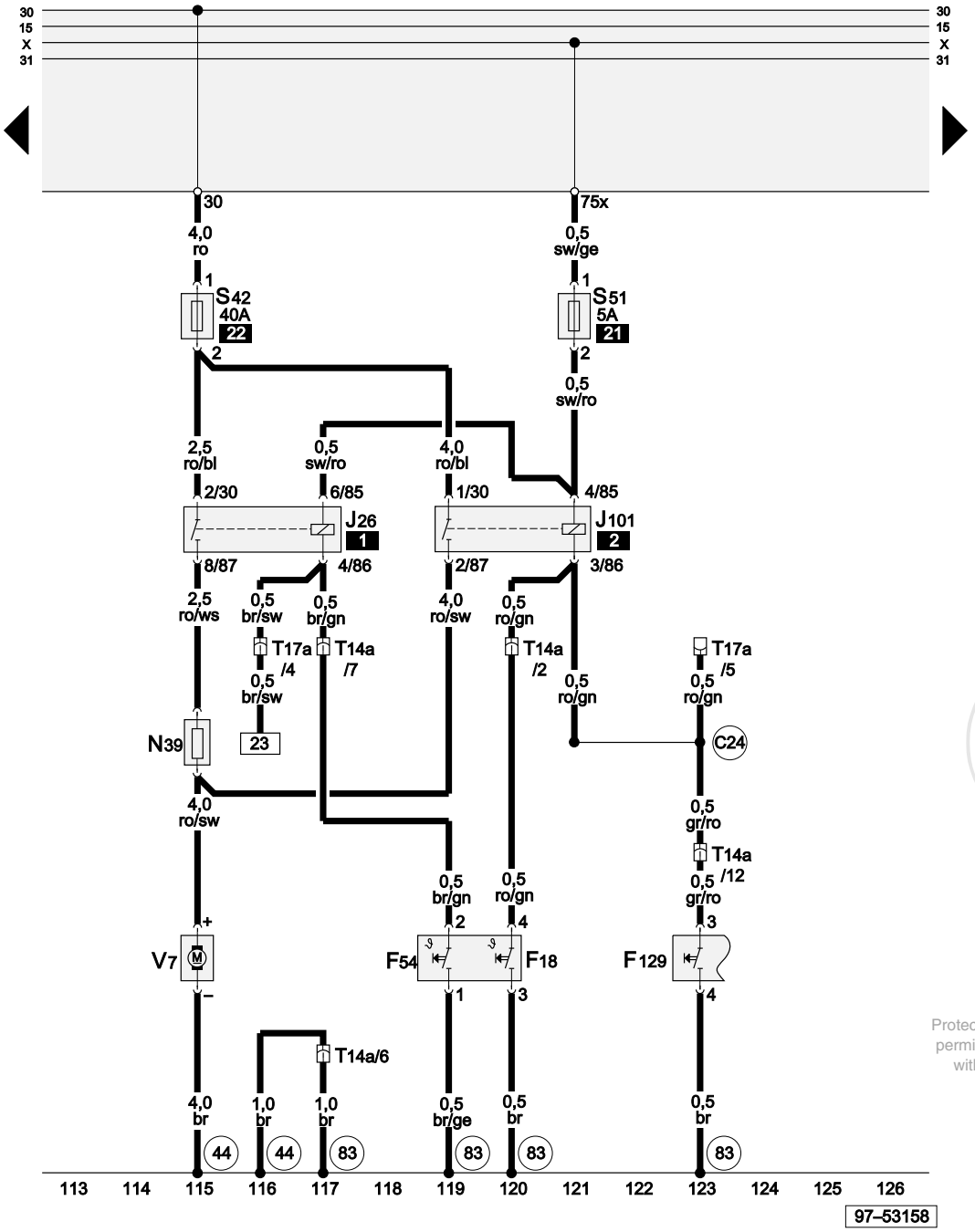


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Radiator fan control for 2.8 litre Motronic (cooling system 8Z6)

C	Alternator
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F129	Air conditioner pressure switch
J293	Radiator fan control unit
S42	Radiator fan single fuse
T2ad	2-pin connector, on radiator fan control unit
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
V51	Continued circulation of coolant pump
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
C23	Connection (radiator fan speed I), in headlight/air conditioner wiring harness
C24	Connection (radiator fan speed II), in headlight/air conditioner wiring harness

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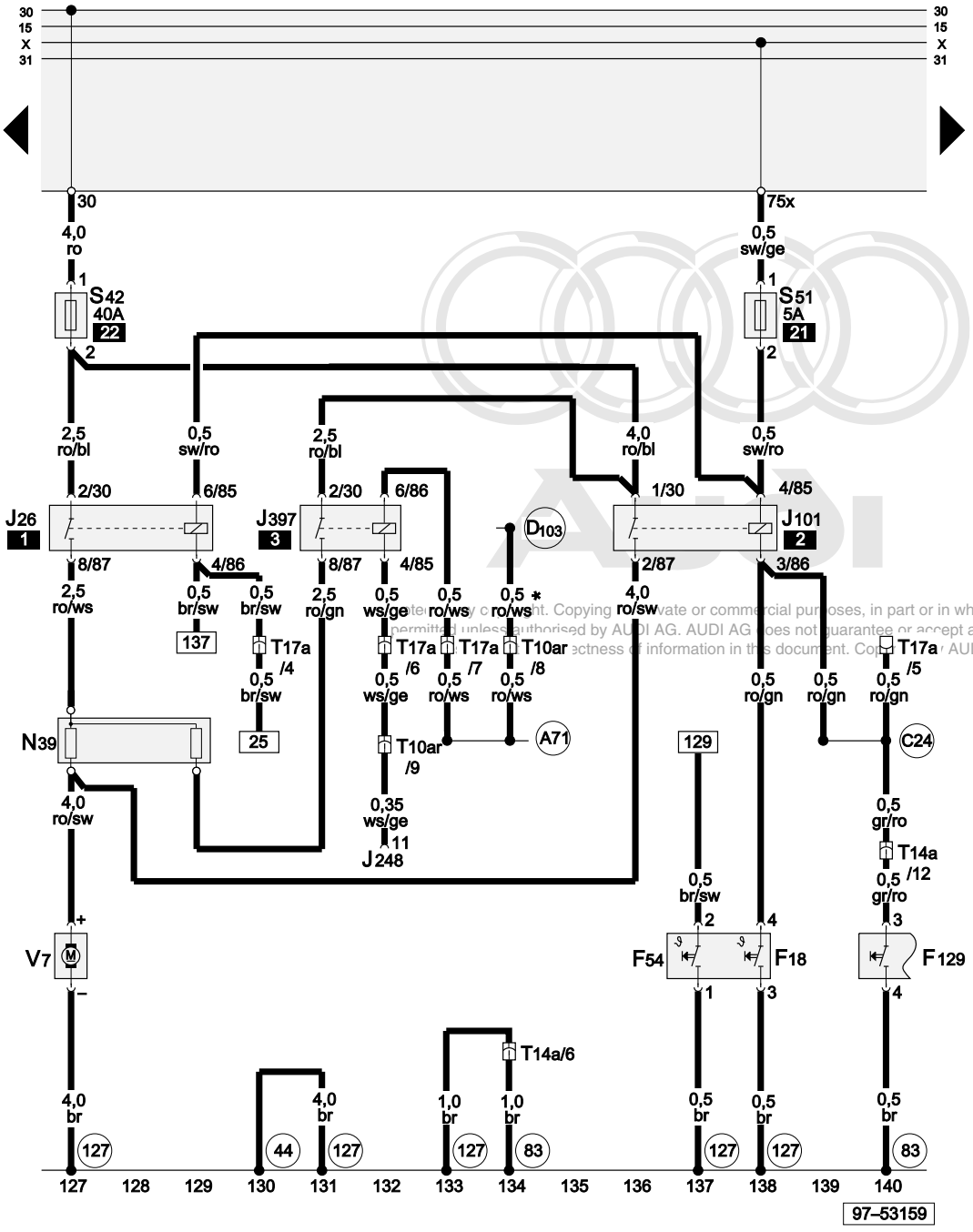


Radiator fan control for 2.8 litre Motronic (cooling system 8Z5)

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F129	Air conditioner pressure switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
C24	Connection (radiator fan speed II), in headlight/air conditioner wiring harness

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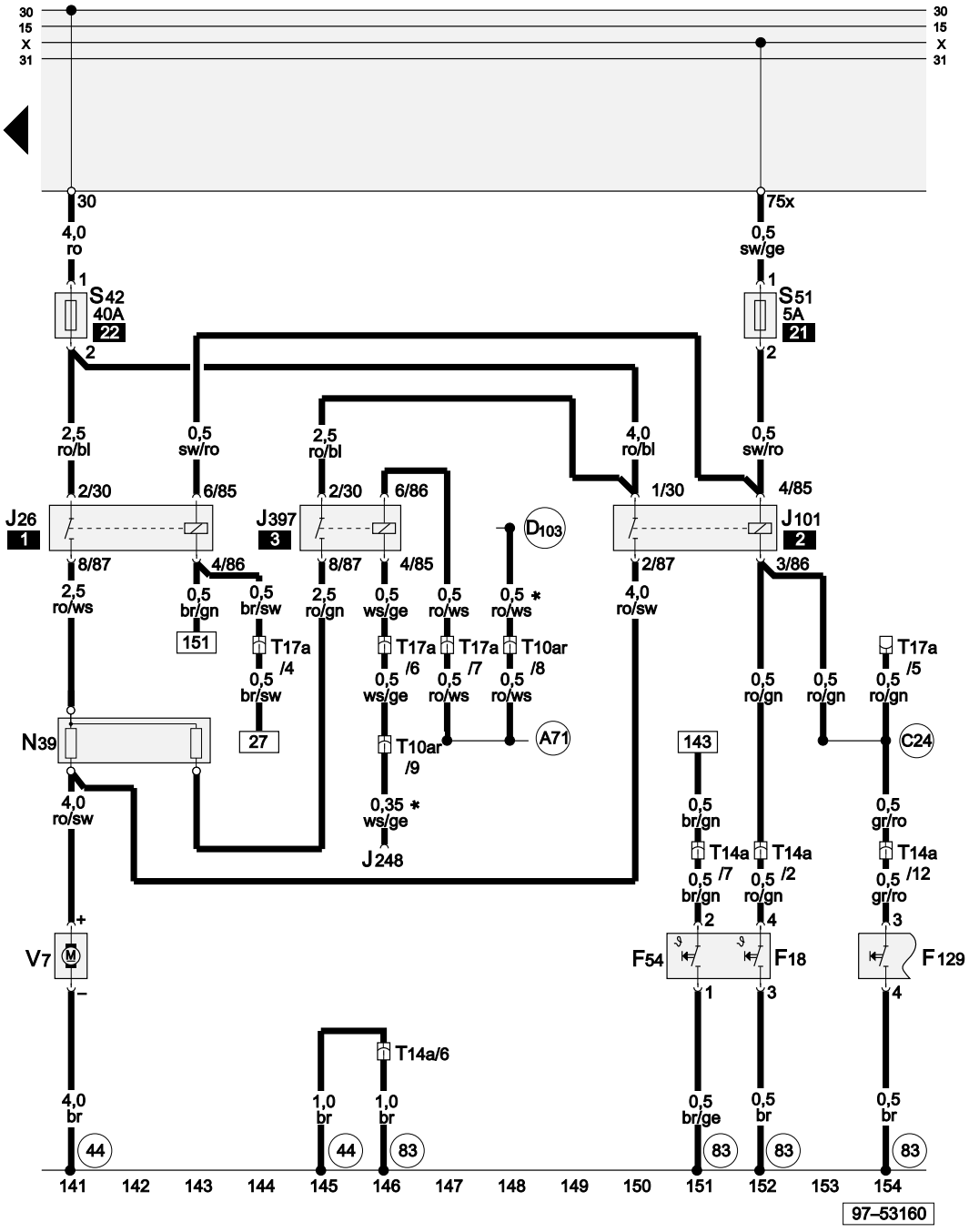


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Radiator fan control for 1.9 litre turbo-diesel engine (TDI)

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F129	Air conditioner pressure switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J248	Diesel direct injection system control unit
J397	Radiator fan run-on relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
127	Earth connection -1-, in air conditioner compressor wiring harness
A71	Connection (86), in dash panel wiring harness
C24	Connection (radiator fan speed II), in headlight/air conditioner wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	See applicable engine version

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Radiator fan control for 2.5 litre turbo-diesel engine (TDI)

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F129	Air conditioner pressure switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J248	Diesel direct injection system control unit
J397	Radiator fan run-on relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
A71	Connection (86), in dash panel wiring harness
C24	Connection (radiator fan speed II), in headlight/air conditioner wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	See applicable engine version

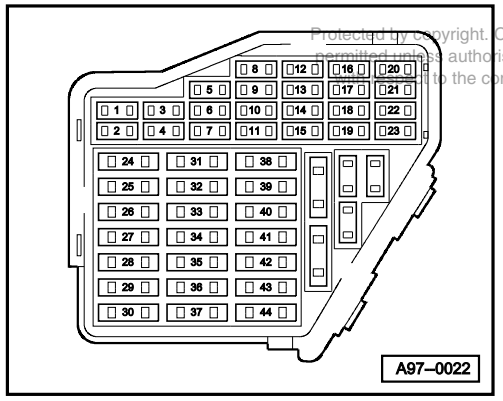
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Radiator fan control - 80W (without air conditioner)

⇒ **2.4 litre Motronic, 121 kW, 6-cylinder, engine code AML**
⇒ **2.4 litre Motronic, 120 kW, 6-cylinder, engine code AMM**
⇒ **1.9 litre TDI engine, 66 kW, 4-cylinder, engine code AHH**
From September 2000

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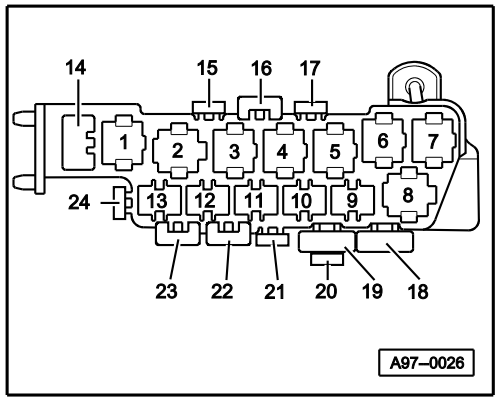
Fuse box:



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 - Radiator fan relay

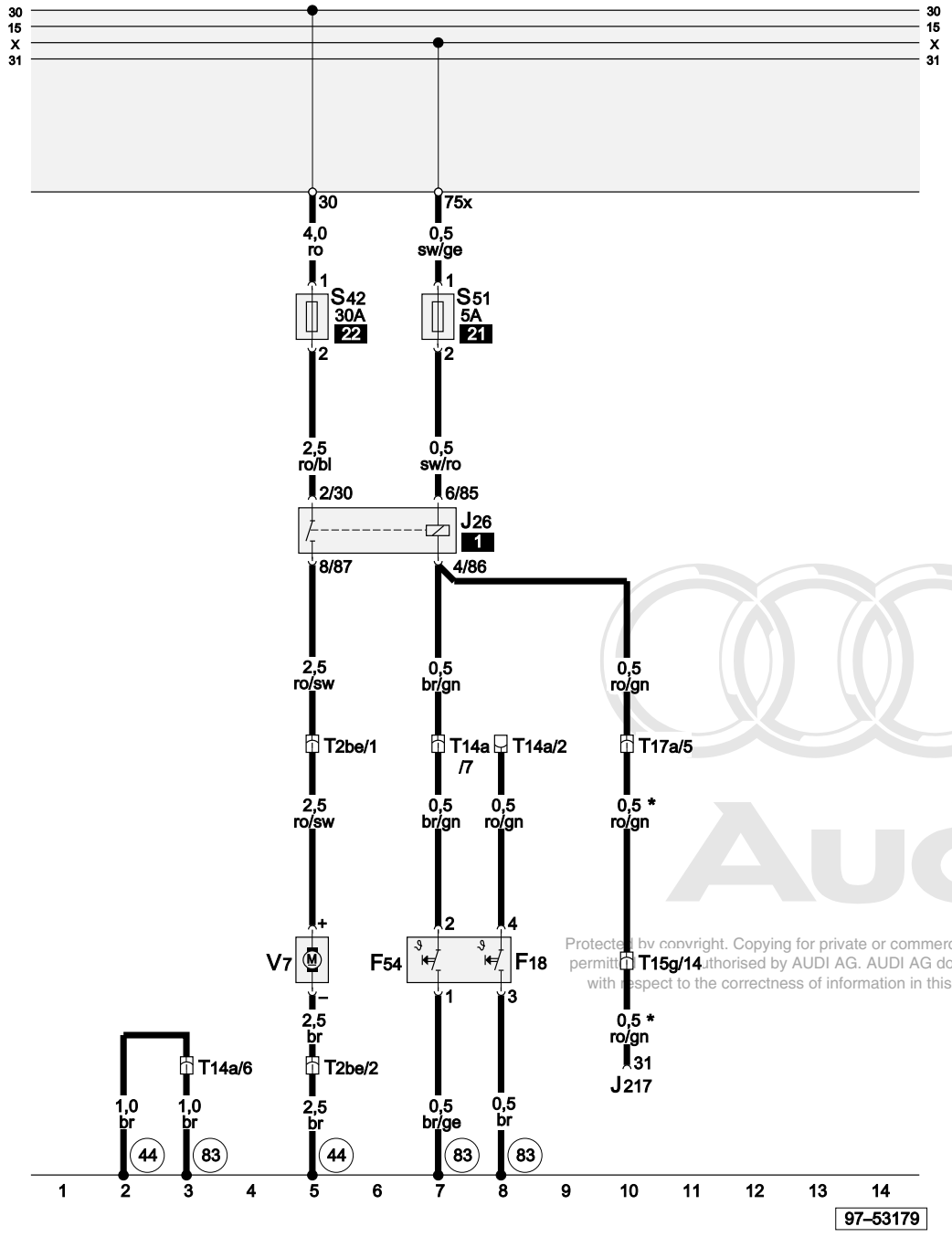
Position of fuses:

21 - Fuse 51
22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Radiator fan control - 80W

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J217	Automatic gearbox control unit
S42	Radiator fan single fuse
S51	Fuse
T2be	2-pin connector, near radiator fan
T14a	14-pin connector, black, in engine compartment
T15g	15-pin connector, brown, right connector point, A pillar
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
*	Only applies to models with 1.9 litre, 66 kW, diesel engine and 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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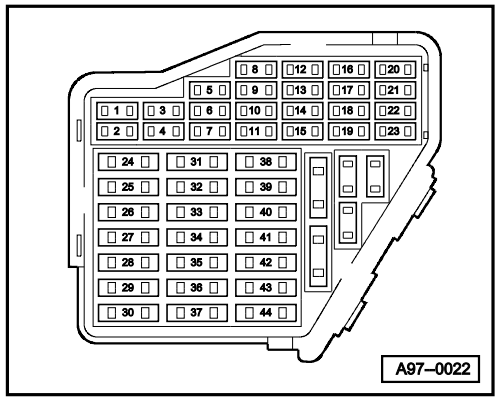
Radiator fan control - 300W (without air conditioner)

⇒ **1.8 litre Motronic, 110 kW, 4-cylinder, engine code AWT (without viscous fan, with trailer coupling)**
⇒ **2.4 litre Motronic, 121 kW, 6-cylinder, engine code AML**
⇒ **2.4 litre Motronic, 120 kW, 6-cylinder, engine code AMM**
⇒ **2.8 litre Motronic, 142 kW, 6-cylinder, engine code AMX**
⇒ **1.9 litre TDI engine, 66 kW, 4-cylinder, engine code AHH**

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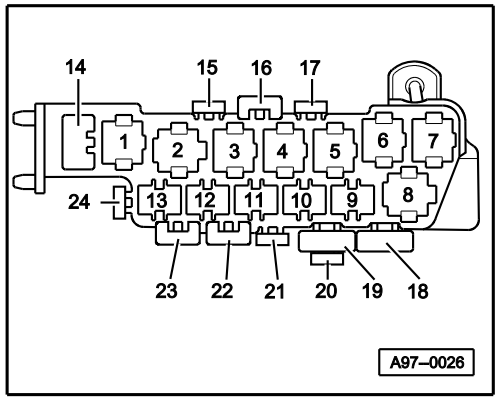
Fuse box:



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 - Radiator fan relay
2 - Radiator fan 2nd speed relay

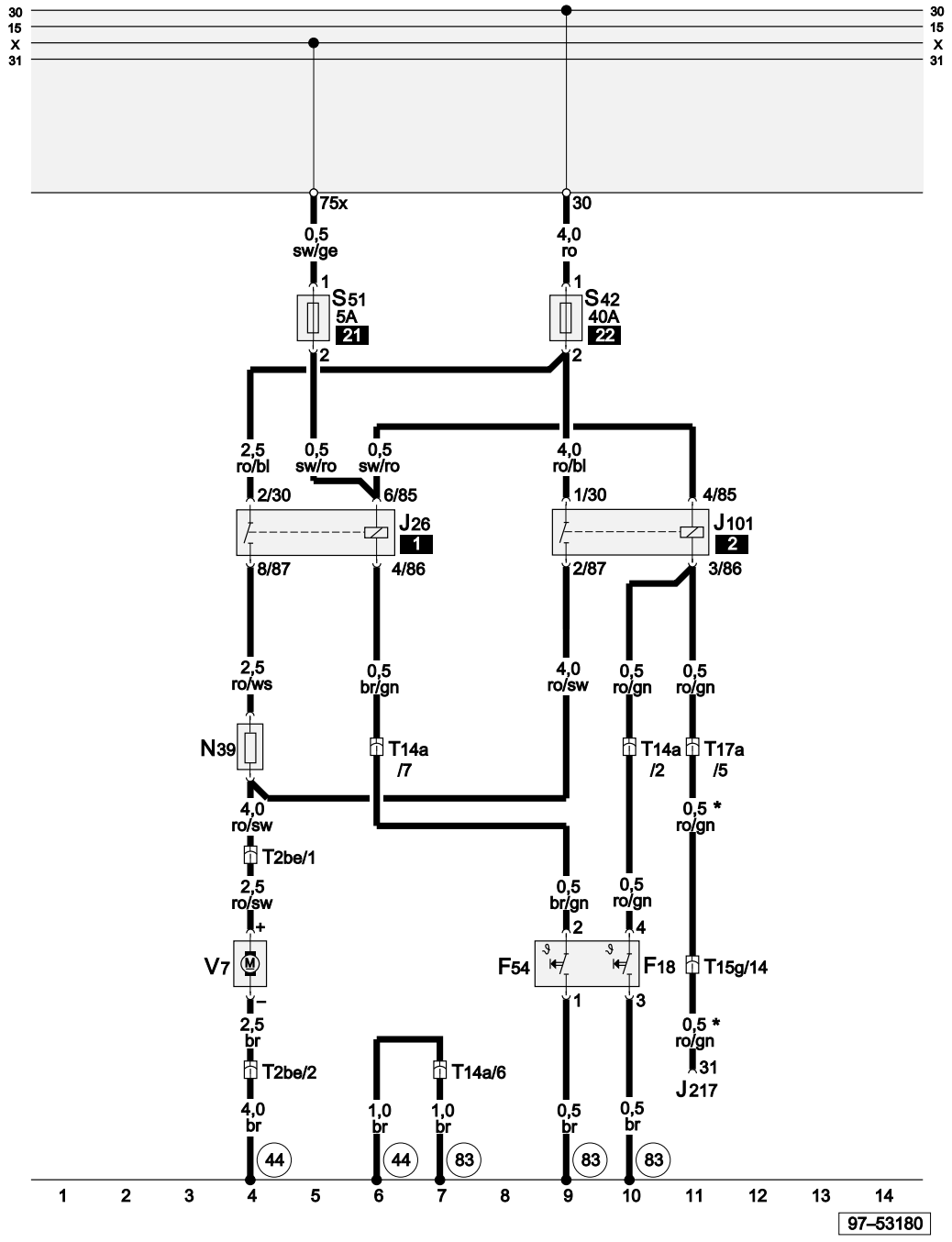
Position of fuses:

21 - Fuse 51
22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Radiator fan control - 300W

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J217	Automatic gearbox control unit
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T2be	2-pin connector, near radiator fan
T14a	14-pin connector, black, in engine compartment
T15g	15-pin connector, brown, right connector point, A pillar
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
*	See applicable engine version

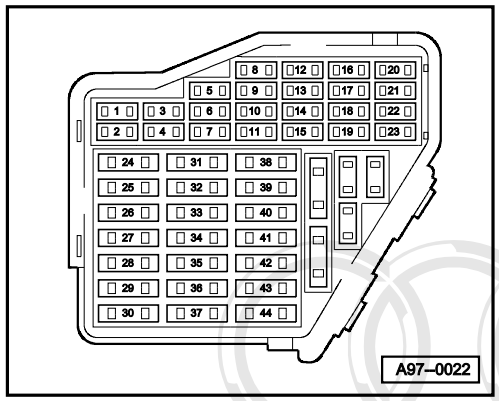
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ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 300W (without air conditioner)

⇒ **2.7 litre Motronic, 195 kW, 6-cylinder, engine code AGB**
⇒ **2.7 litre Motronic, 280 kW, 6-cylinder, engine code ASJ**
From September 2000

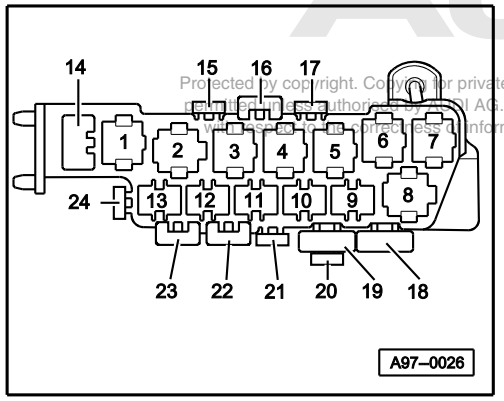
Fuse box:



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:

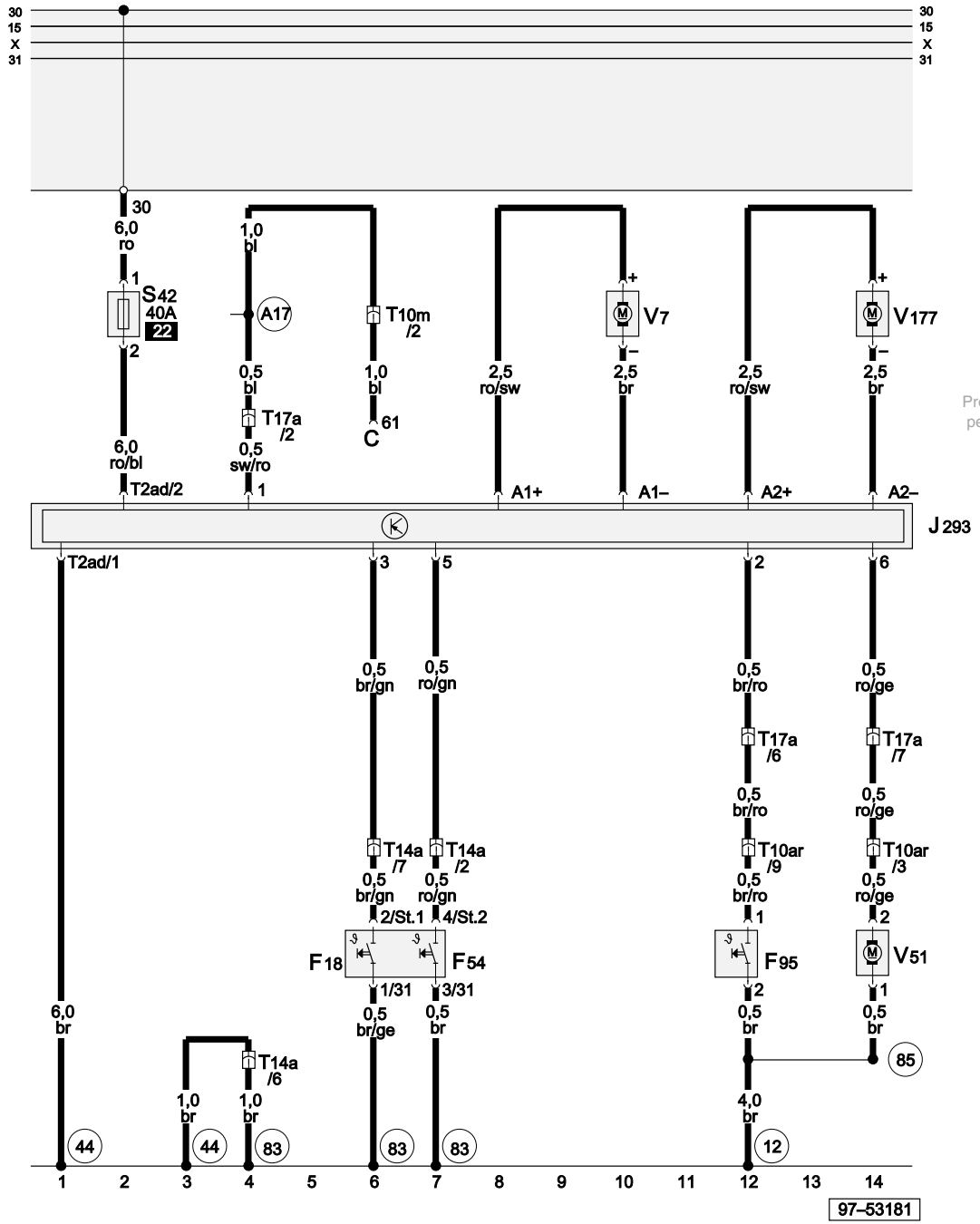
Position of fuses:

22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Radiator fan control - 300W

C	Alternator
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
F95	Thermo-switch for continued circulation of coolant
J293	Radiator fan control unit
S42	Radiator fan single fuse
T2ad	2-pin connector, on radiator fan control unit
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
V51	Continued circulation of coolant pump
V177	Radiator fan -2-

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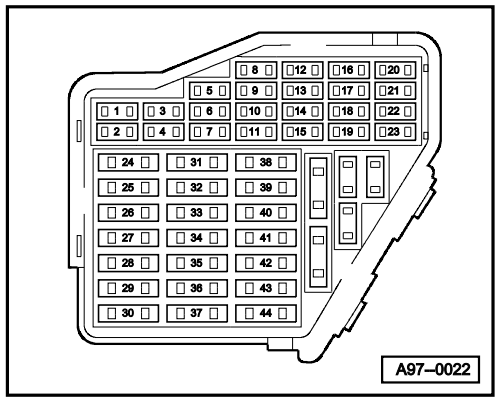
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
85	Earth connection -1-, in engine compartment wiring harness
A17	Connection (61), in dash panel wiring harness

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

Radiator fan control - 80W (without air conditioner)

⇒ **1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code AJM**
⇒ **1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code ATJ**
From September 2000

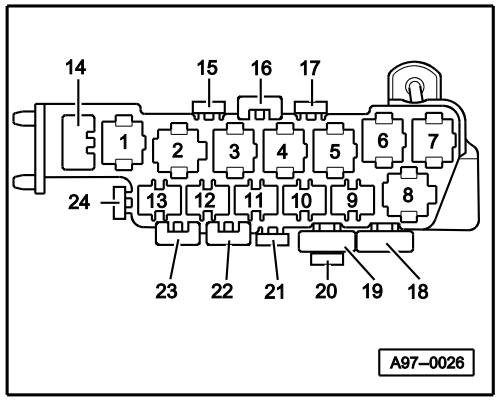
Fuse box:



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 - Radiator fan relay

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3 - Radiator fan run-on relay

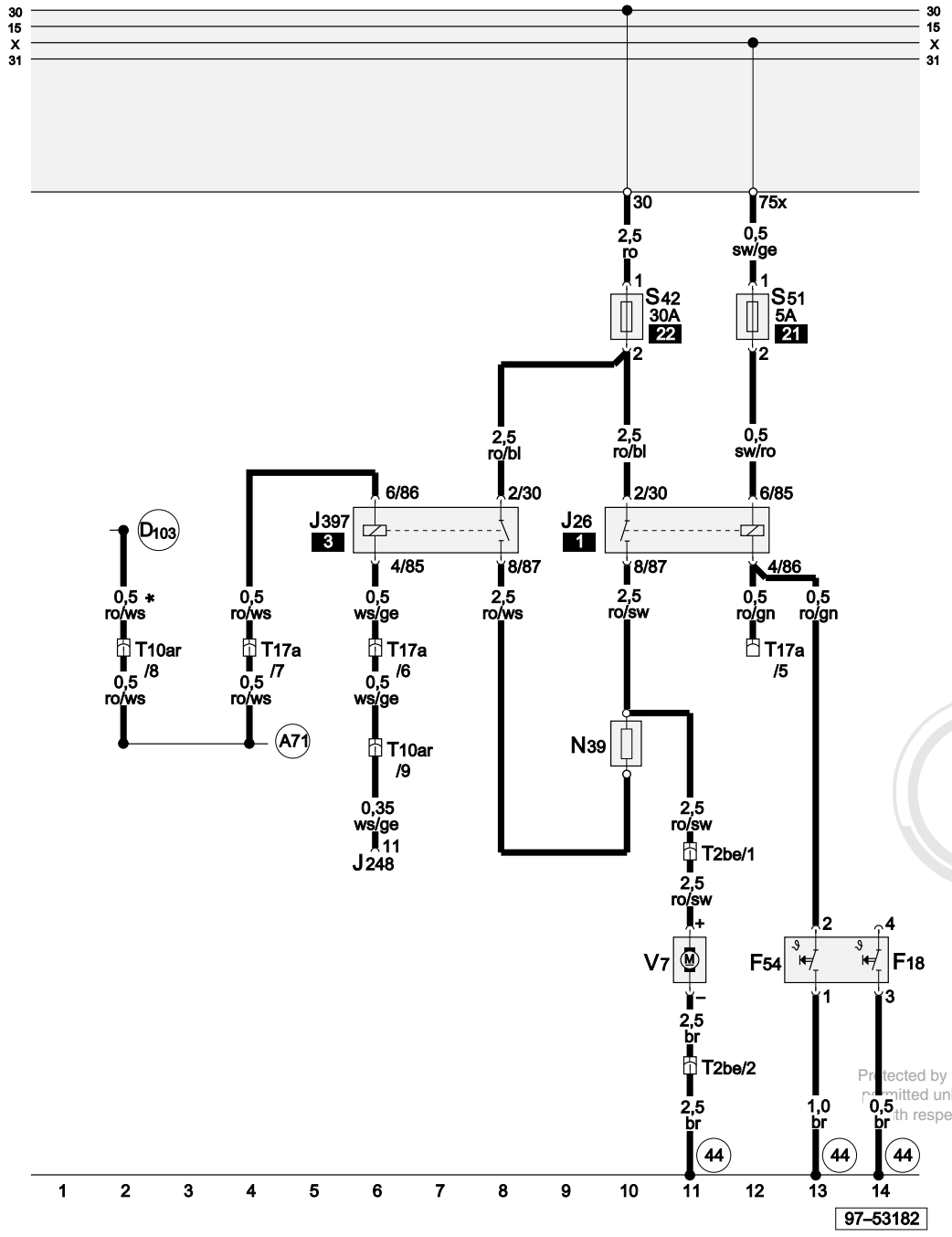
Position of fuses:

21 - Fuse 51
22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Radiator fan control - 80W

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J248	Diesel direct injection system control unit
J397	Radiator fan run-on relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T2be	2-pin connector, near radiator fan
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	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

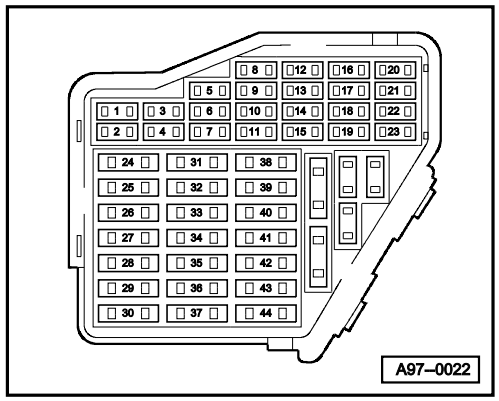
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Radiator fan control - 300W (without air conditioner)

⇒ **1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code AJM**
⇒ **1.9 litre unit injector, TDI engine, 85 kW, 4-cylinder, engine code ATJ**
From September 2000

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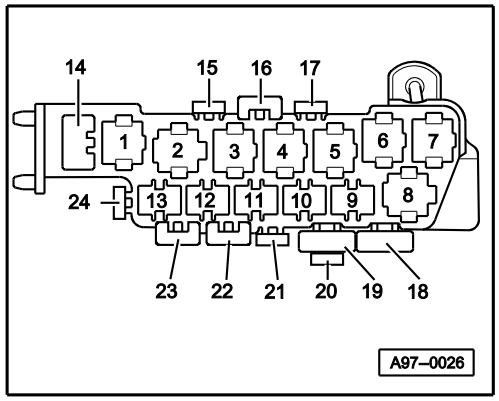
Fuse box:



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 - Radiator fan relay

2 - Radiator fan 2nd speed relay
3 - Radiator fan run-on relay

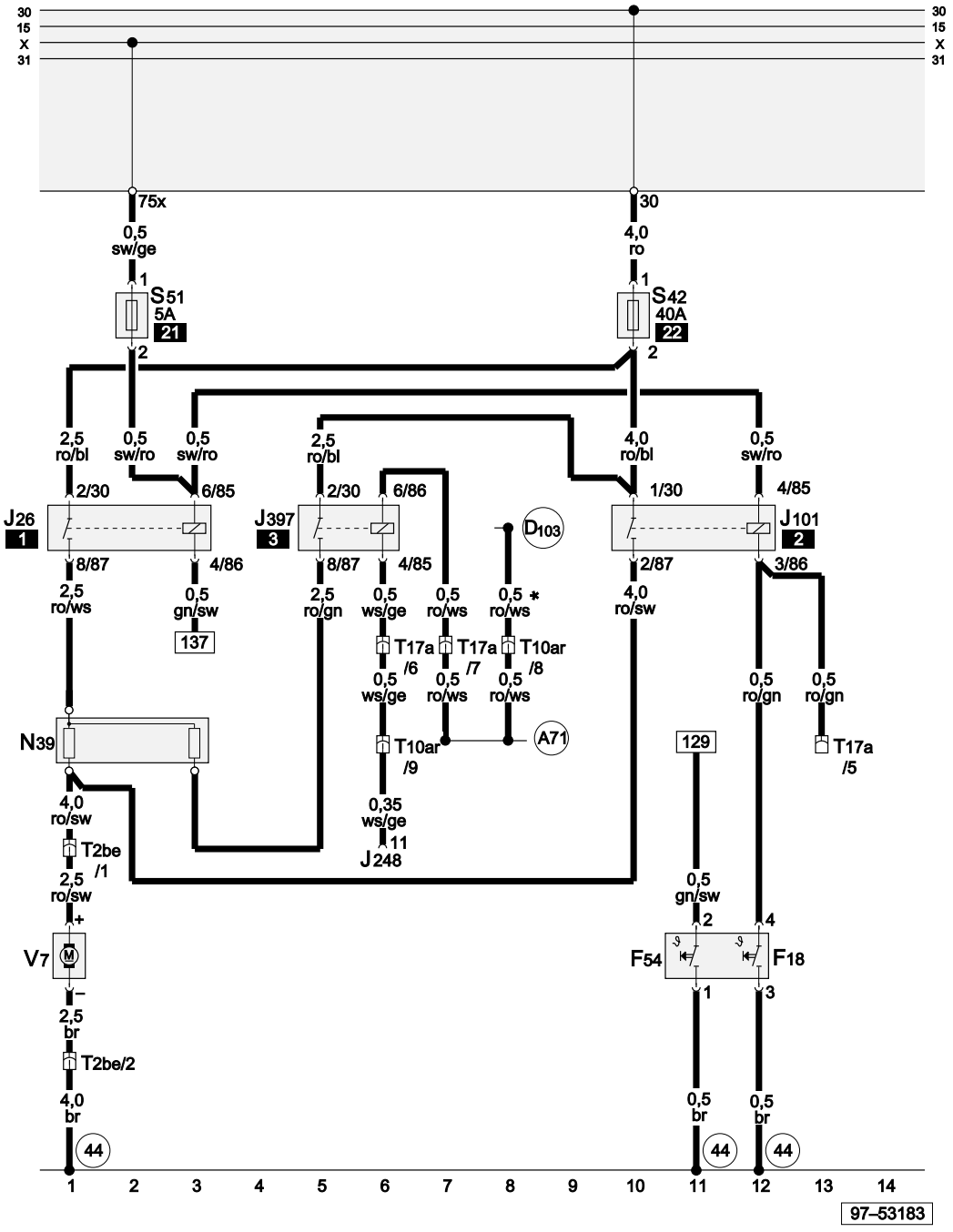
Position of fuses:

21 - Fuse 51
22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Radiator fan control - 300W

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J248	Diesel direct injection system control unit
J397	Radiator fan run-on relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T2be	2-pin connector, near radiator fan
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	See applicable engine version

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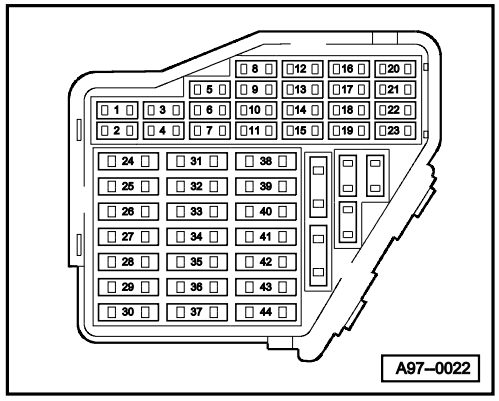
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control - 300W (without air conditioner)

⇒ **2.5 litre TDI engine, 110 kW, 6-cylinder, engine code AKN**

From September 2000

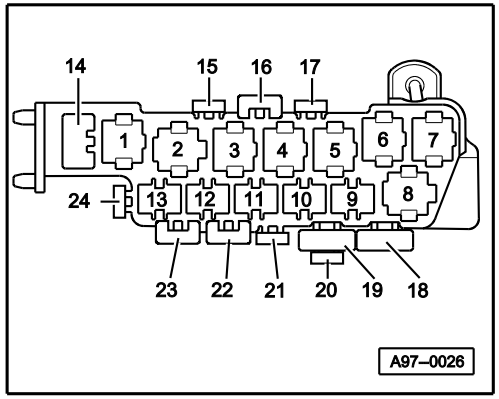
Fuse box:



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 - Radiator fan relay
2 - Radiator fan 2nd speed relay
3 - Radiator fan run-on relay

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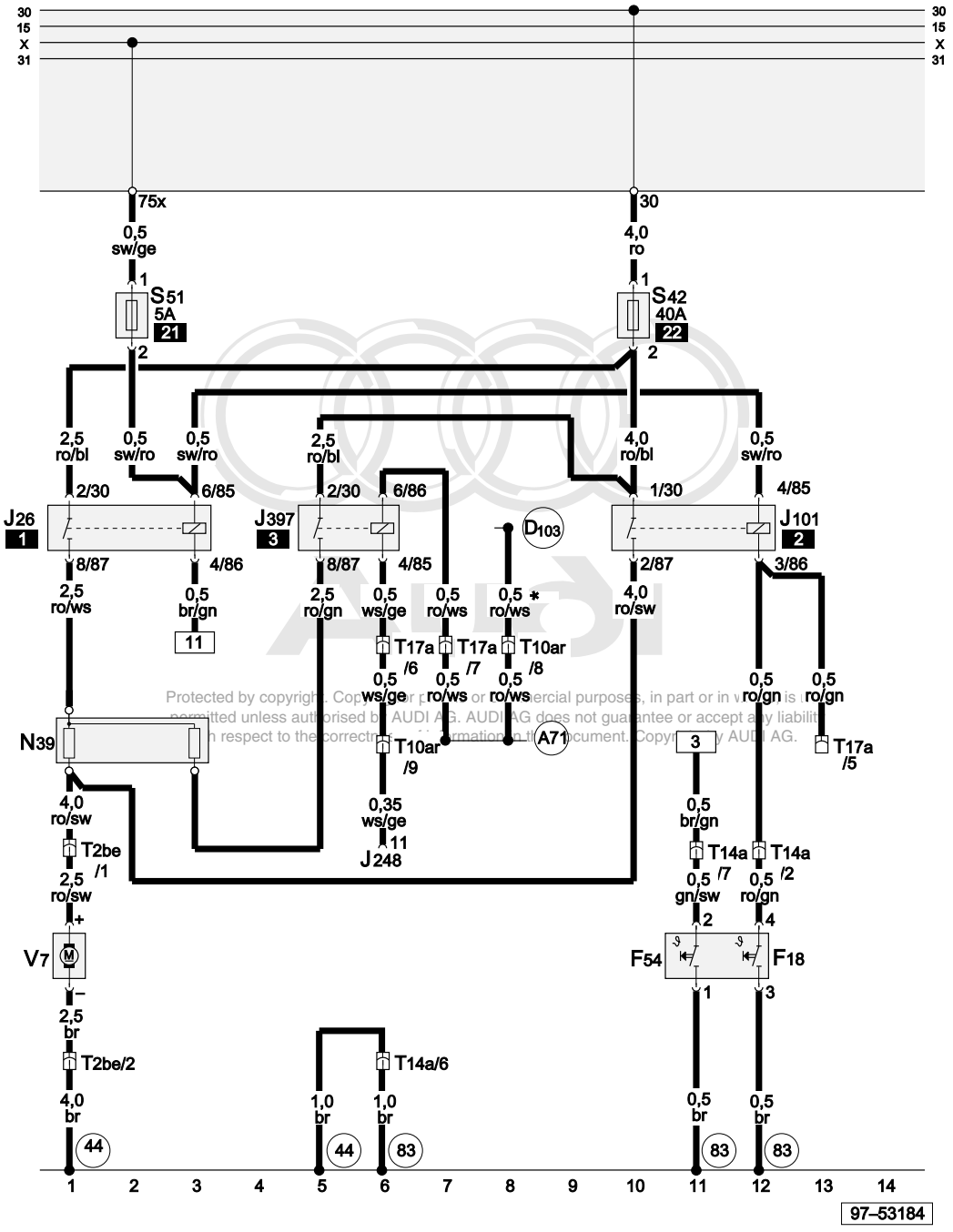
Position of fuses:

21 - Fuse 51
22 - Radiator fan single fuse

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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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

Radiator fan control - 300W

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J26	Radiator fan relay
J101	Radiator fan 2nd speed relay
J248	Diesel direct injection system control unit
J397	Radiator fan run-on relay
N39	Radiator fan series resistor
S42	Radiator fan single fuse
S51	Fuse
T2be	2-pin connector, near radiator fan
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T14a	14-pin connector, black, in engine compartment
T17a	17-pin connector, brown, left connector point, A pillar
V7	Radiator fan (suction fan)
44	Earth point, lower part of left A pillar
83	Earth connection -1-, in front right wiring harness
A71	Connection (86), in dash panel wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	See applicable engine version

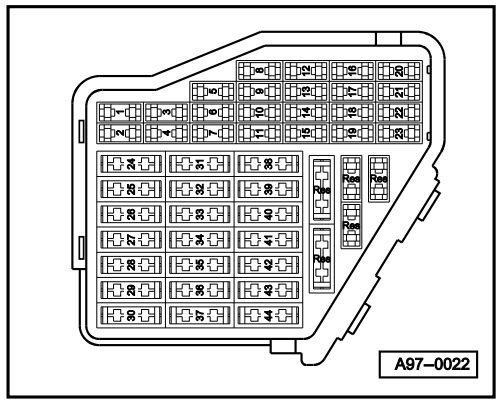
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2.5 litre turbo-diesel engine (TDI), 110 kW, 6-cylinder, engine code AKN

- Applicable for manual gearbox only

From model year 2001

Fuse box:

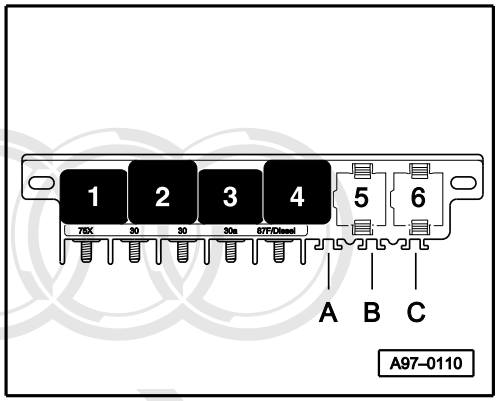


Fuse colours:

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
7.5 A – brown
5 A – beige
3 A – purple

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

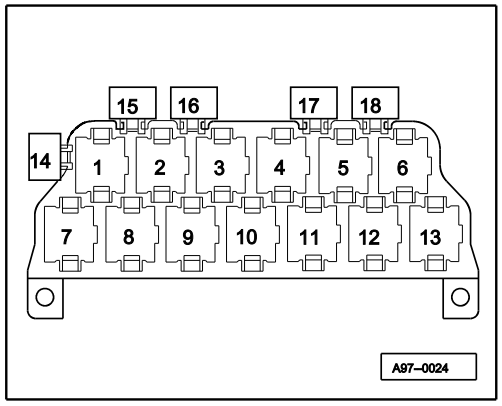
Micro-central electrics:



Position of relays:

4 - Relay for glow plugs

13-point relay carrier:

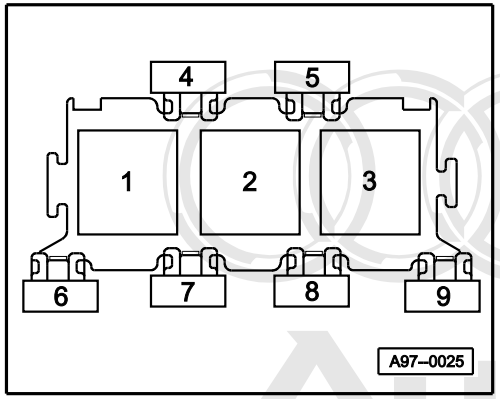


Position of relays:

5 - Fuel pump relay

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3-point relay carrier (electronics box):



Position of relays:

3 - Diesel direct injection system relay

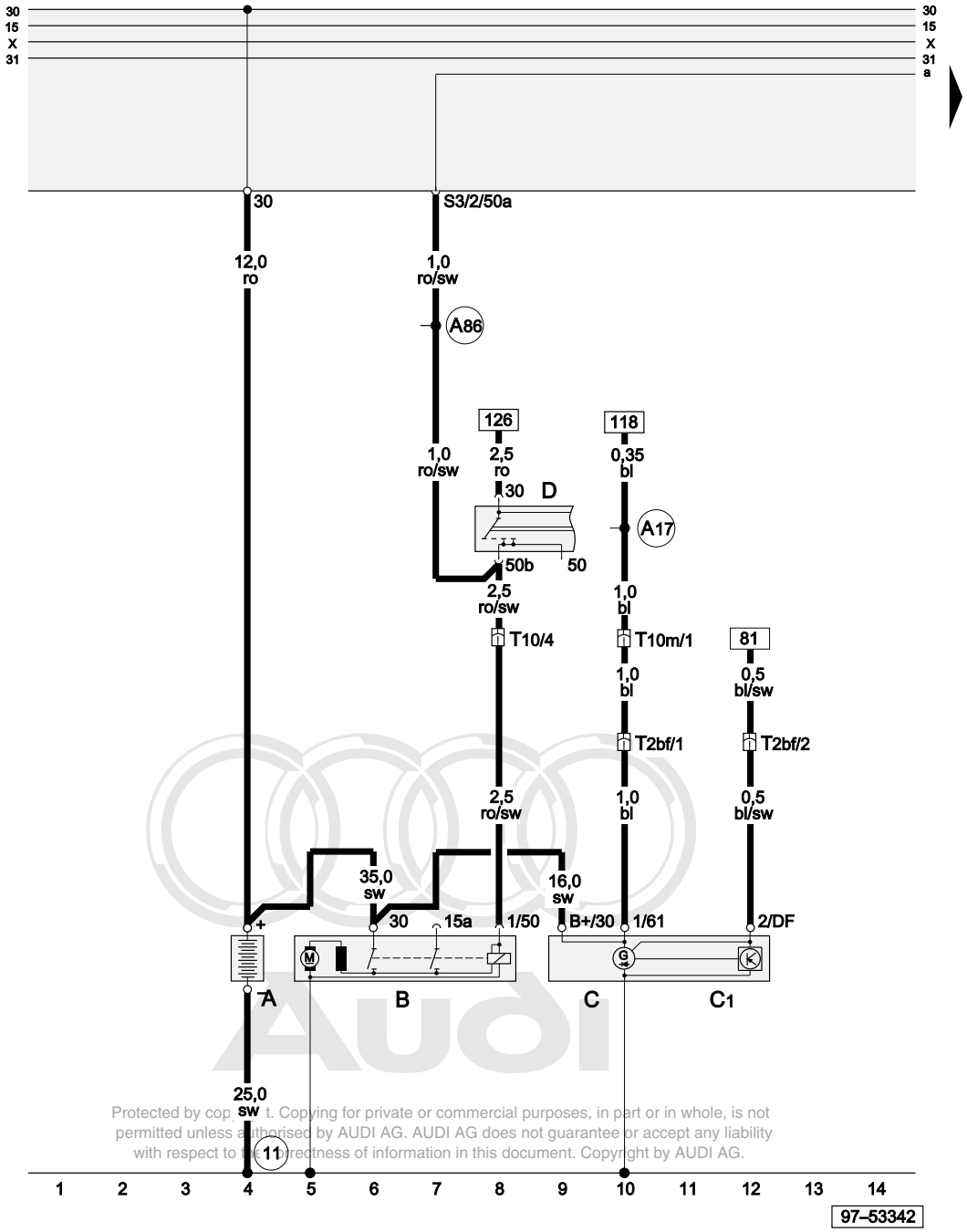
Position of relays:

5 - Fuse for engine electrics

7 - Strip fuse for glow plugs (engine)

9 - Fuse -2- for glow plugs

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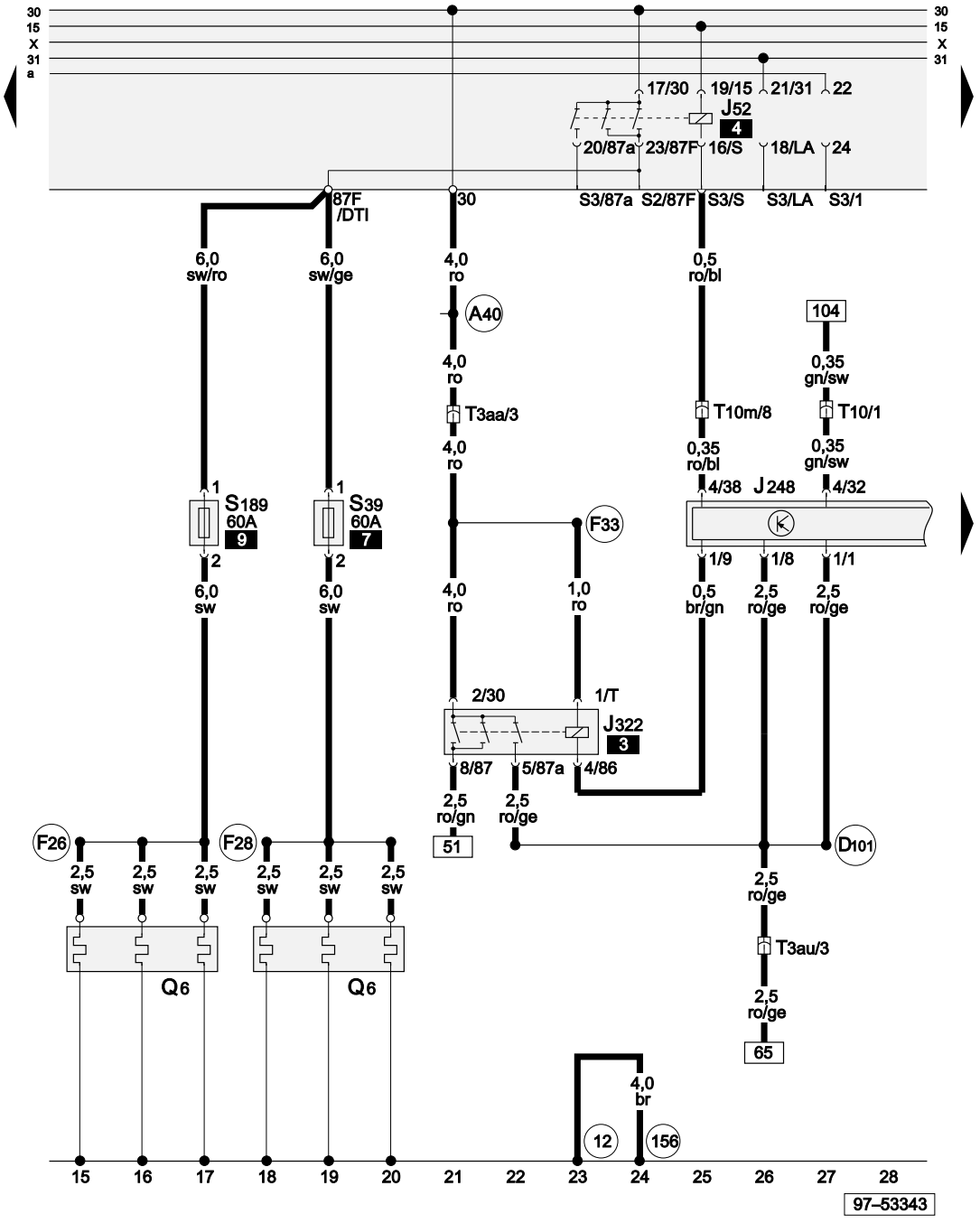


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Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2bf	2-pin connector, black, near alternator
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
11	Earth point, in battery box
A17	Connection (61), in dash panel wiring harness
A86	Connection (50a), 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

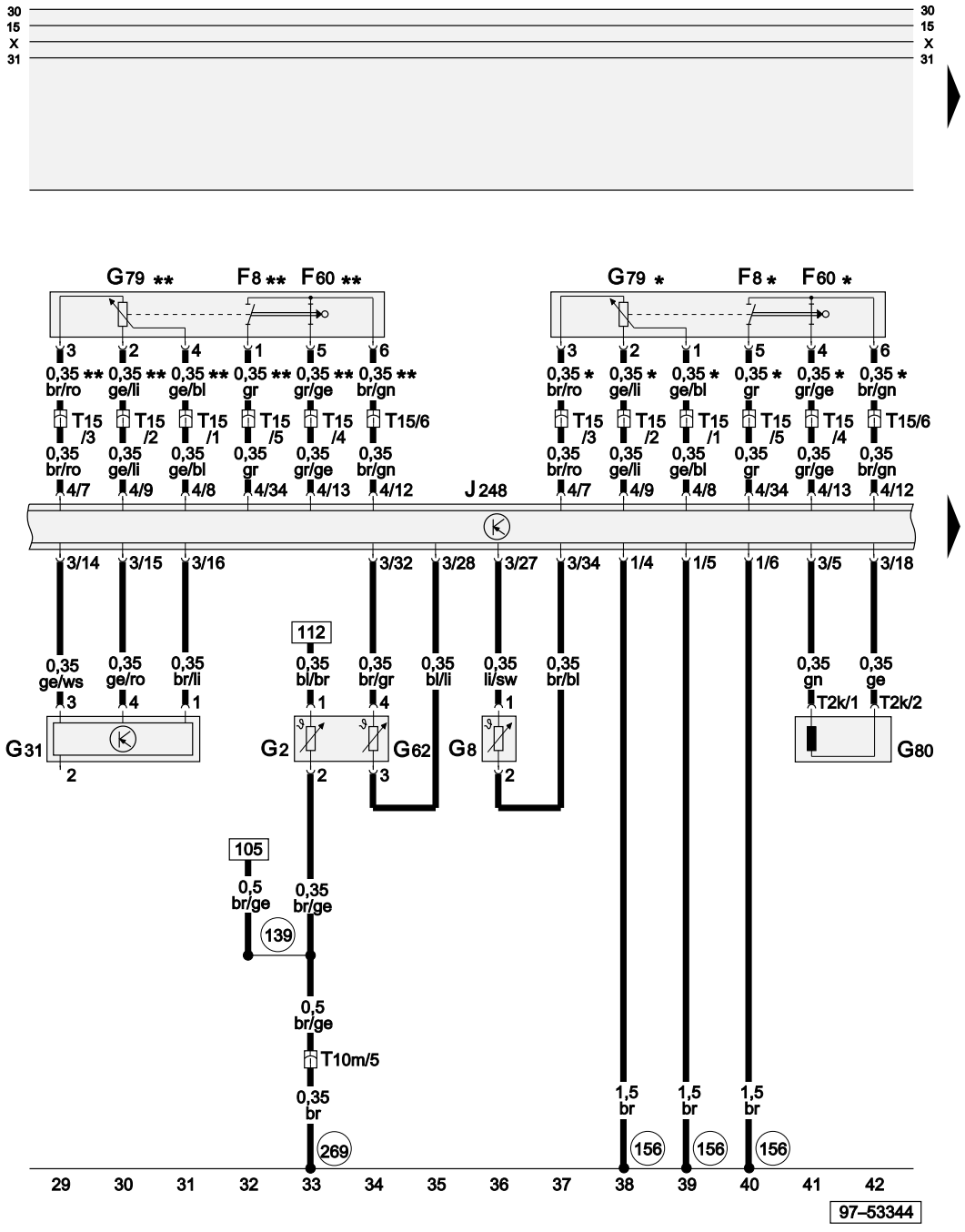


Diesel direct injection system control unit, glow plugs - (engine), diesel direct injection system relay

J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine)
S189	Glow plug fuse -2-
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-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
12	Earth point, in engine compartment, left
156	Earth connection, in diesel direct injection wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
F28	Connection -3-, in diesel direct injection system wiring harness
F33	Positive (+) connection (30), in diesel direct injection system wiring harness

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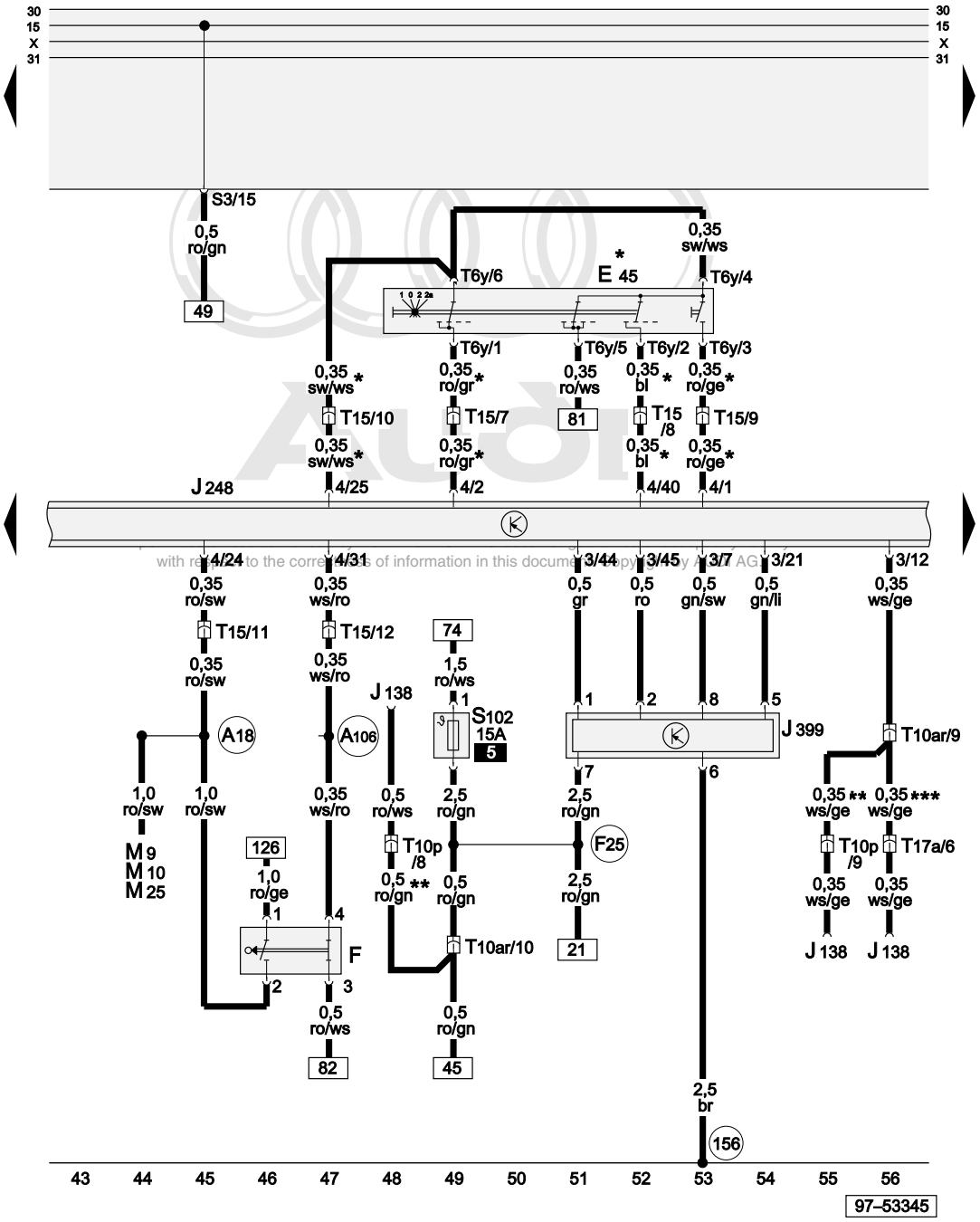


Diesel direct injection system control unit, accelerator pedal position sender, coolant temperature senders, oil temperature sender, charge air pressure sender, needle lift sender

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G8	Oil temperature sender
G31	Charge air pressure sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
G80	Needle lift sender
J248	Diesel direct injection system control unit
T2k	2-pin connector, brown, in engine compartment
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
139	Earth connection (sender earth), in diesel direct injection wiring harness
156	Earth connection, in diesel direct injection wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	Applicable up to August 2000
**	Applicable from September 2000 onwards

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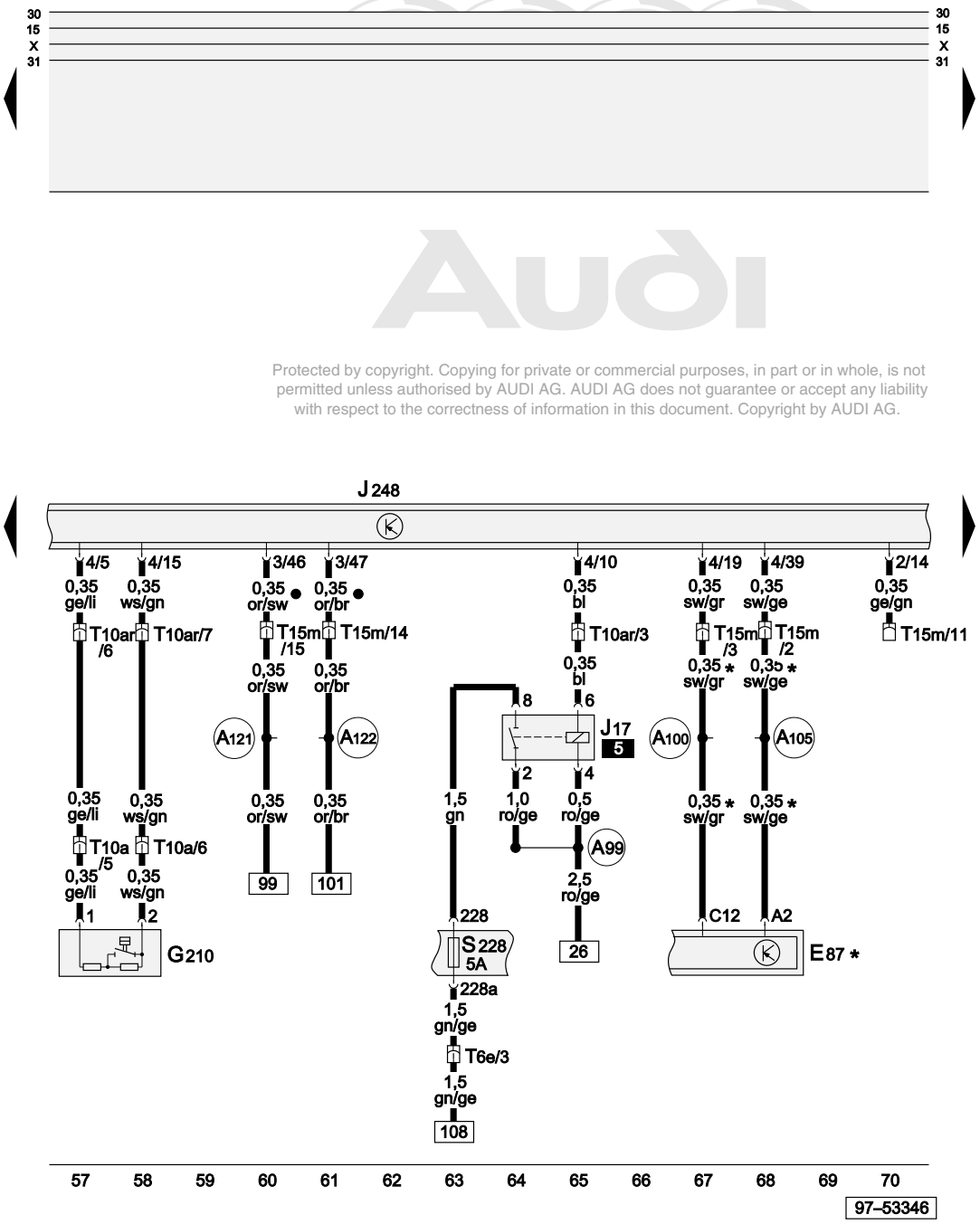
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Diesel direct injection system control unit, injection pump control unit, cruise control system switch, brake light switch

E45	Cruise control system switch
F	Brake light switch
J138	Radiator fan run-on control unit
J248	Diesel direct injection system control unit
J399	Injection pump control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
S102	Engine control unit fuse
T6y	6-pin connector, black, next to steering column
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
156	Earth connection, in diesel direct injection wiring harness
A18	Connection (54), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
F25	Connection -1-, in diesel direct injection system wiring harness
*	Only models with cruise control system
**	Applicable up to August 2000
***	Applicable from September 2000 onwards

ws	=	white
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ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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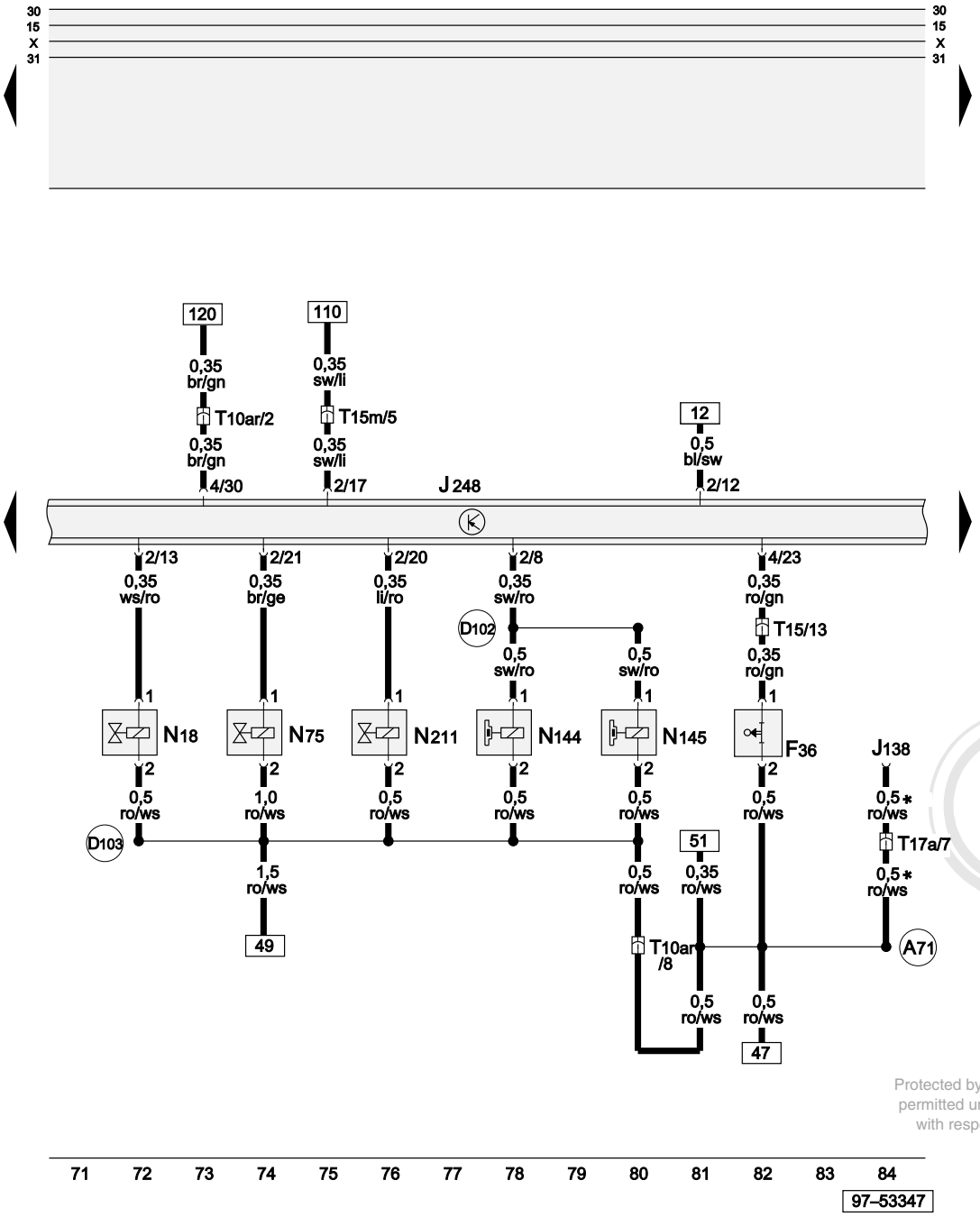


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Diesel direct injection system control unit, low fuel level sender, fuel pump relay, control and display unit for air conditioner/Climatronic

E87	Control and display unit for air conditioner/Climatronic
G210	Low fuel level sender
J17	Fuel pump relay
J248	Diesel direct injection system control unit
S228	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A99	Connection -1- (87), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with air conditioner
•	CAN bus (data bus)

ws	=	white
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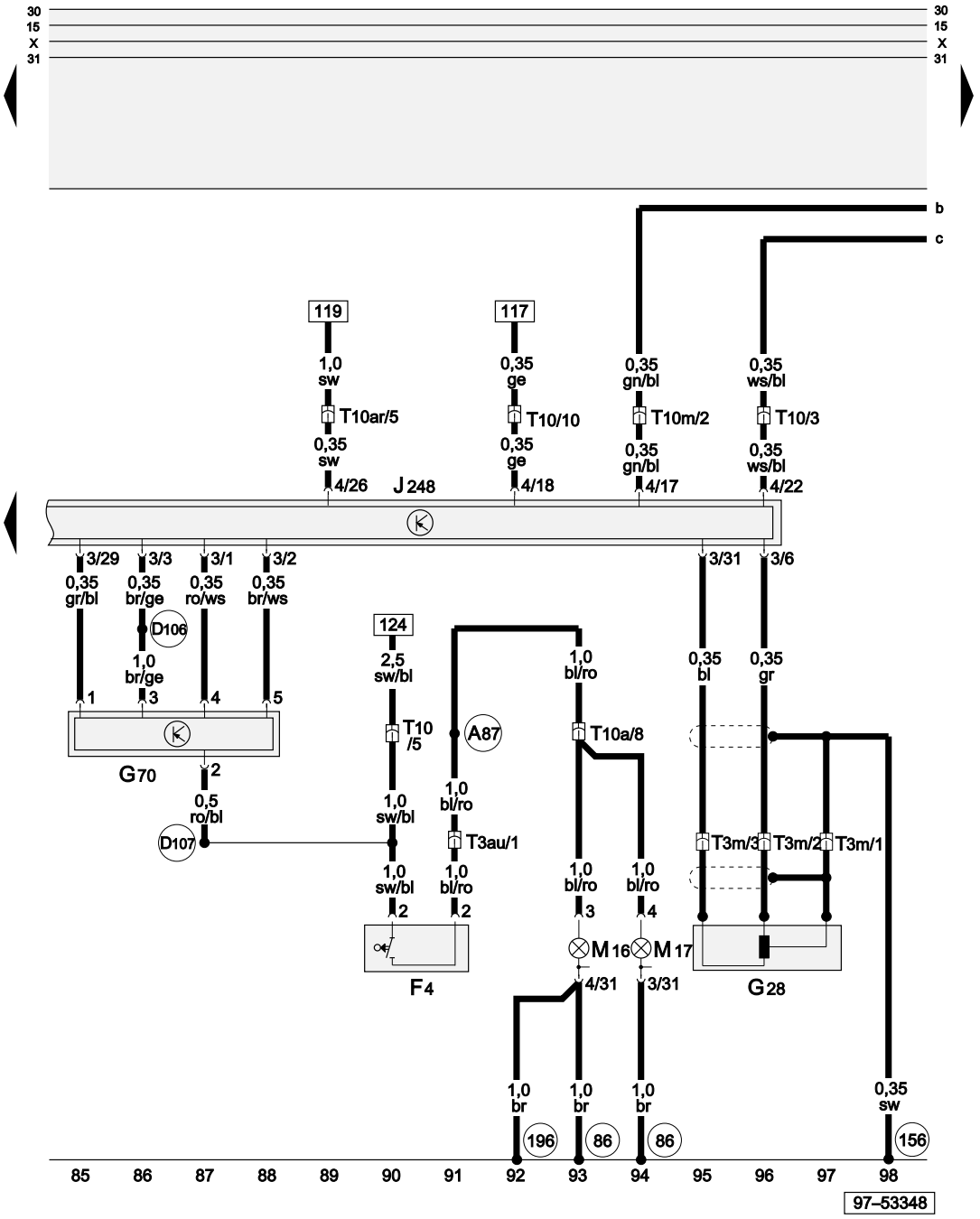


Diesel direct injection system control unit, exhaust gas recirculation valve, charge pressure control solenoid valve, electro/hydraulic engine mounting solenoid valves, throttle butterfly valve

F36	Clutch pedal switch
J138	Radiator fan run-on control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N144	Electro/hydraulic engine mounting solenoid valve, left
N145	Electro/hydraulic engine mounting solenoid valve, right
N211	Throttle butterfly valve
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
A71	Connection (86), in dash panel wiring harness
D102	Connection -2-, in engine compartment wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Applicable from September 2000 onwards

ws	=	white
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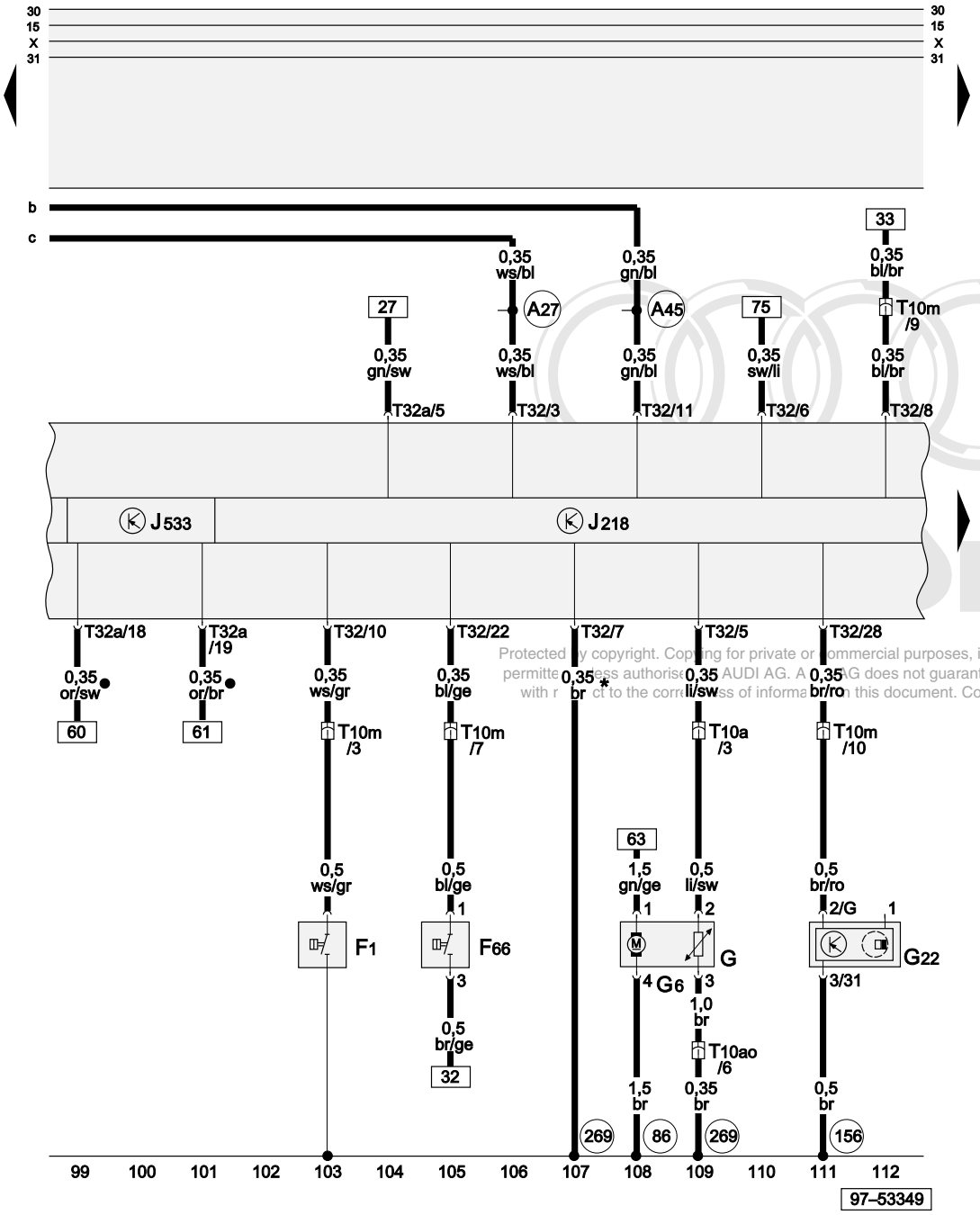


Diesel direct injection system control unit, engine speed sender, air mass meter, reversing light bulbs

F4	Reversing light switch
G28	Engine speed sender
G70	Air mass meter
J248	Diesel direct injection system control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3m	3-pin connector, grey, in engine compartment, left
T3au	3-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
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection wiring harness
196	Earth connection -3-, in rear wiring harness
A87	Connection (RL), in dash panel wiring harness
D106	Connection -4-, in engine compartment wiring harness
D107	Connection -5-, in engine compartment wiring harness

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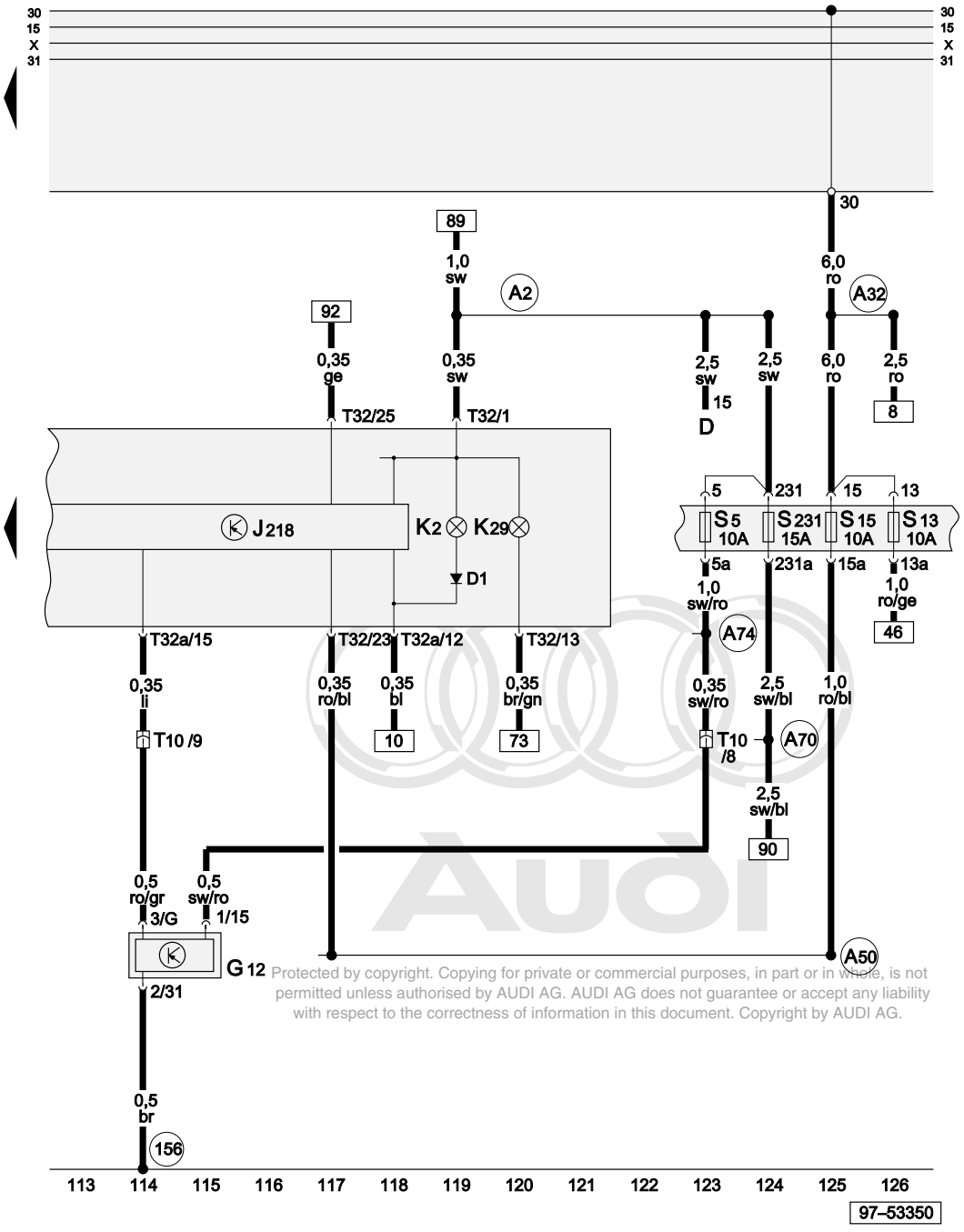


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Combi-processor in dash panel insert, oil pressure switch, coolant shortage indicator switch, fuel pump, speedometer sender

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G22	Speedometer sender (Hall sender, on gearbox)
J218	Combi-processor in dash panel insert
J533	Data bus diagnostic interface
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Output for signal earth
•	CAN bus (data bus)



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Combi-processor in dash panel insert, oil level sender, glow period warning lamp, alternator warning lamp

D	Ignition/starter switch
G12	Oil level sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K29	Glow period warning lamp
S5	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S15	Fuse in fuse box/relay plate
S231	Fuse in fuse box
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
156	Earth connection, in diesel direct injection 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
A70	Connection (15a, fuse 231), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

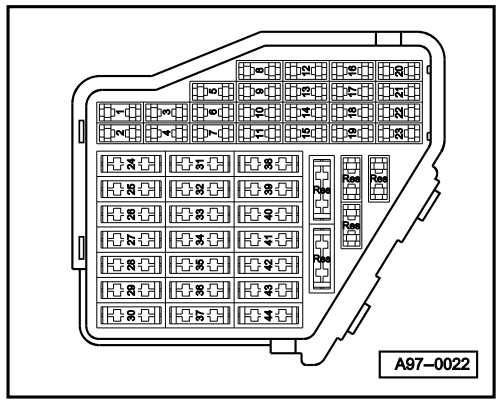
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2.5 litre turbo-diesel engine (TDI), 110 kW, 6-cylinder, engine code AKN

- Applicable for automatic gearbox only

From model year 2001

Fuse box:

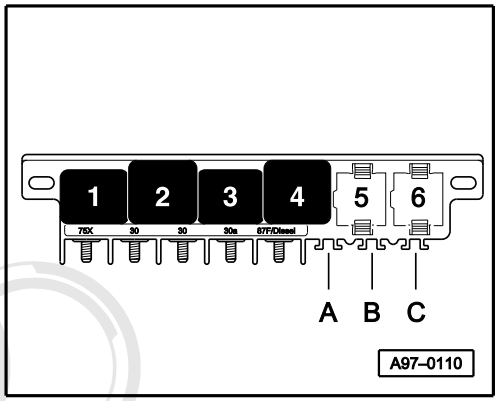


Fuse colours:

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
7.5 A – brown
5 A – beige
3 A – purple

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

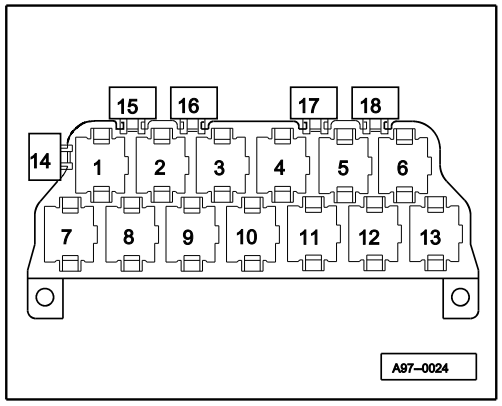
Micro-central electrics:



Position of relays:

4 - Relay for glow plugs

13-point relay carrier:



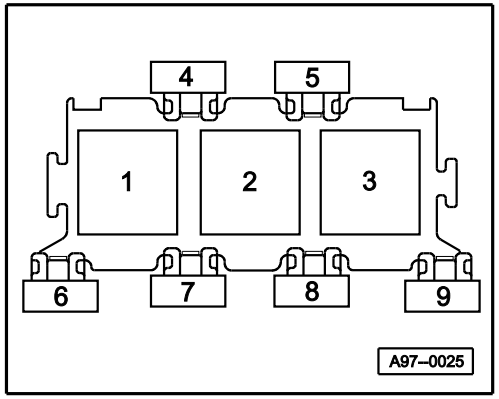
Position of relays:

5 - Fuel pump relay

13 - Automatic gearbox relay

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3-point relay carrier (electronics box):



Position of relays:

3 - Diesel direct injection system relay

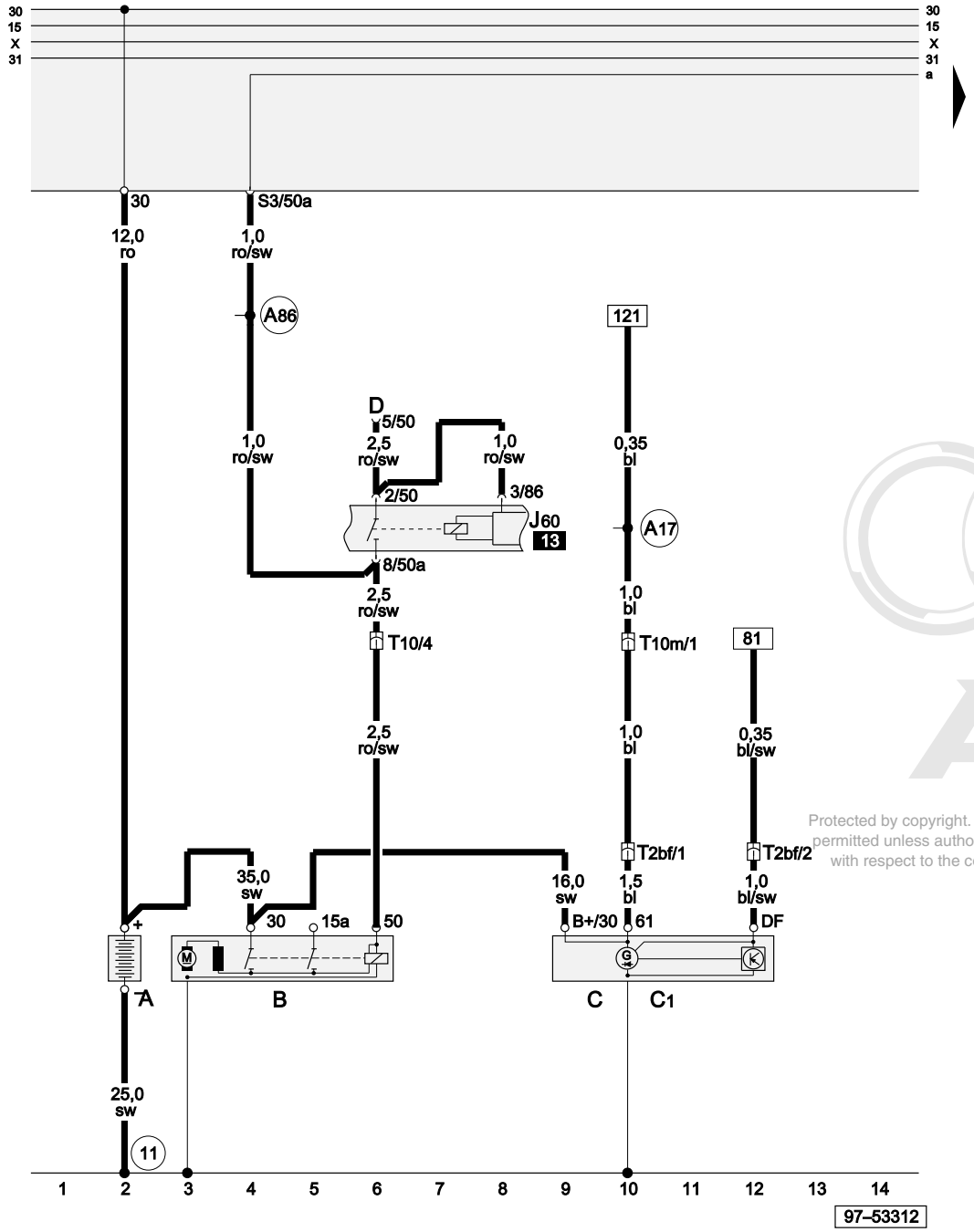
Position of relays:

5 - Fuse for engine electrics

7 - Strip fuse for glow plugs (engine)

9 - Fuse -2- for glow plugs

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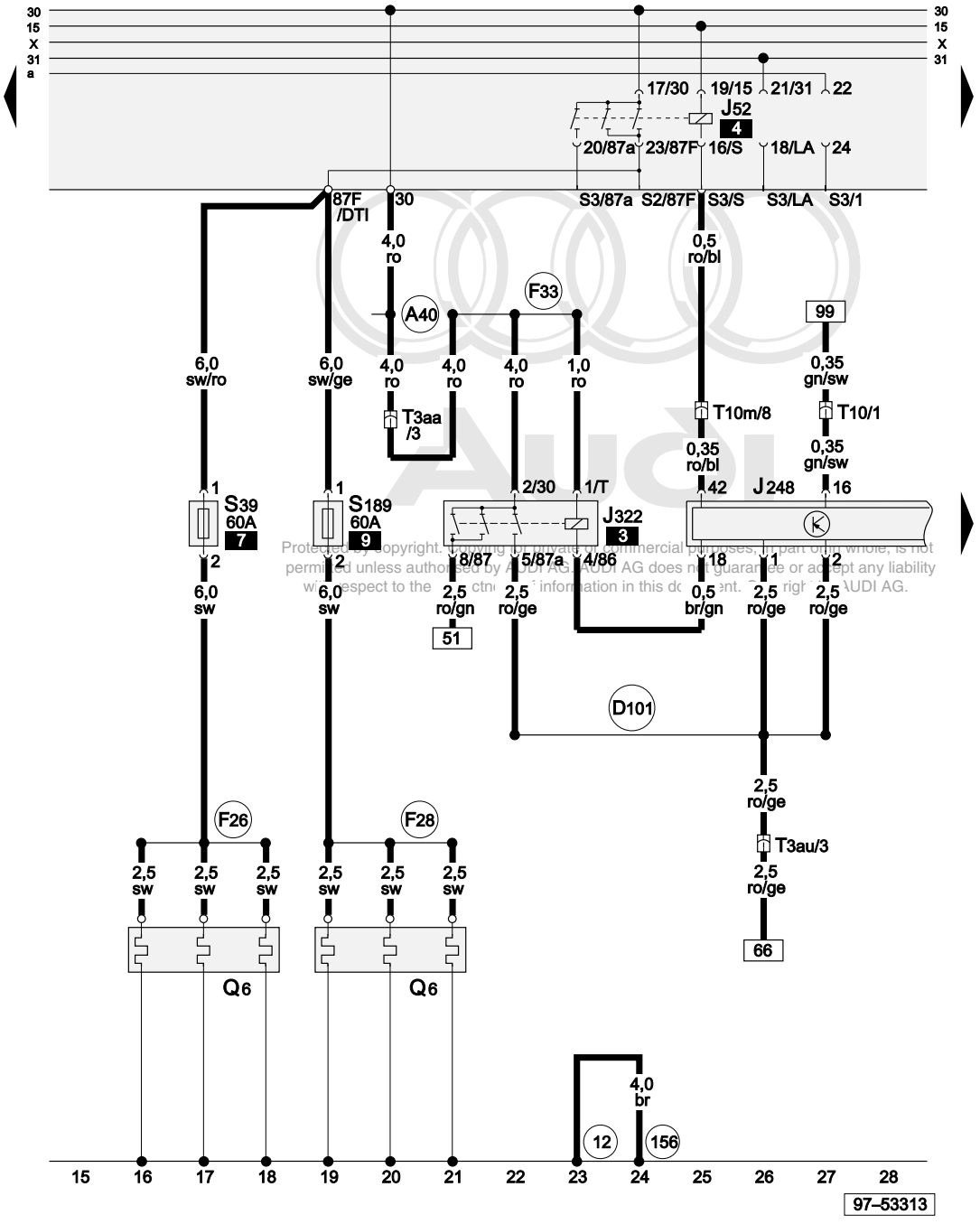


Battery, starter, alternator, automatic gearbox relay

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
F125	Multi-function switch
J60	Automatic gearbox relay
T2bf	2-pin connector, black, near alternator
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15g	15-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

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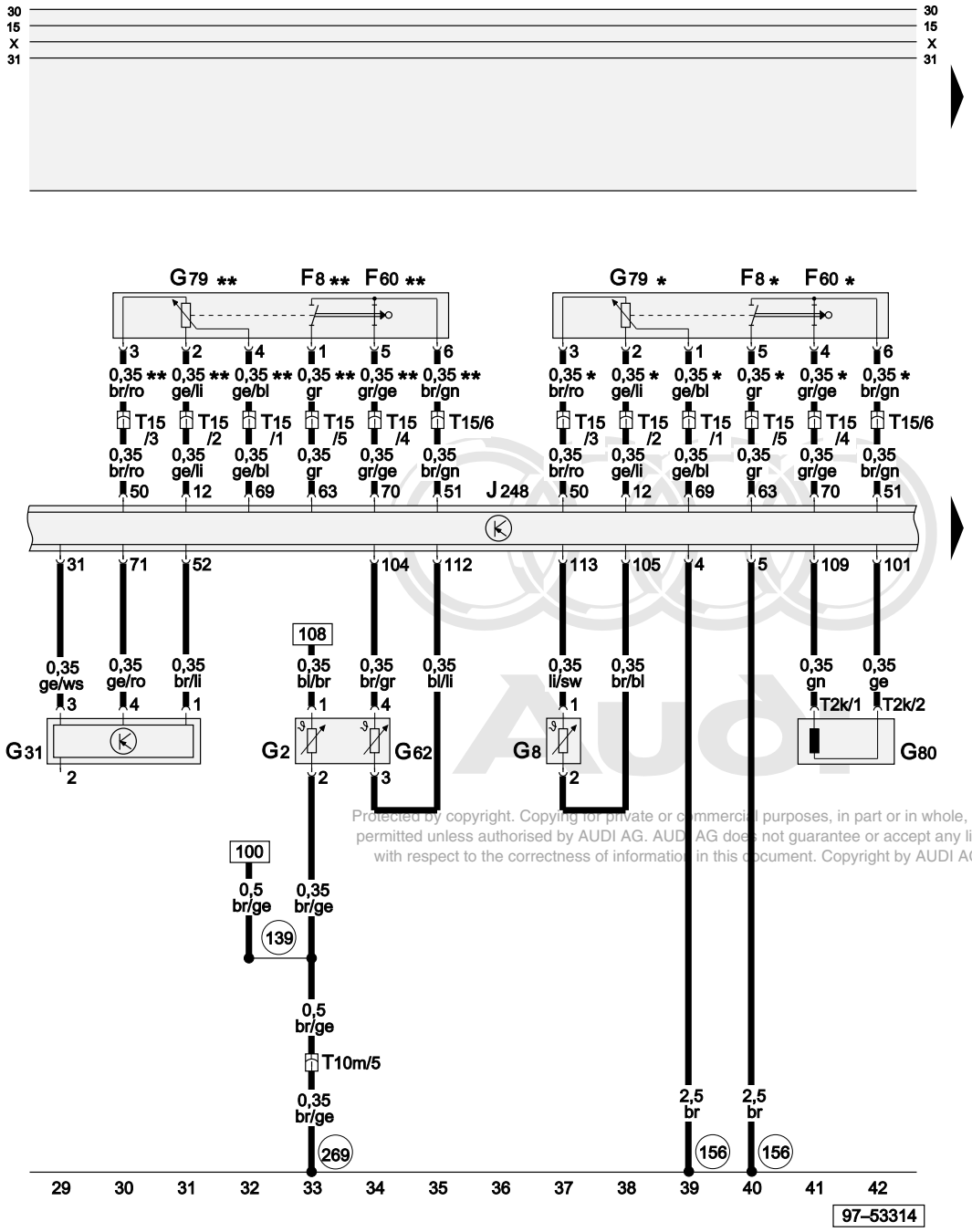


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Diesel direct injection system control unit, glow plugs - (engine), diesel direct injection system relay

J52	Glow plug relay
J248	Diesel direct injection system control unit
J322	Diesel direct injection system relay
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine)
S189	Glow plug fuse -2-
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T3au	3-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
12	Earth point, in engine compartment, left
156	Earth connection, in diesel direct injection wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
F28	Connection -3-, in diesel direct injection system wiring harness
F33	Positive (+) connection (30), in diesel direct injection system wiring harness

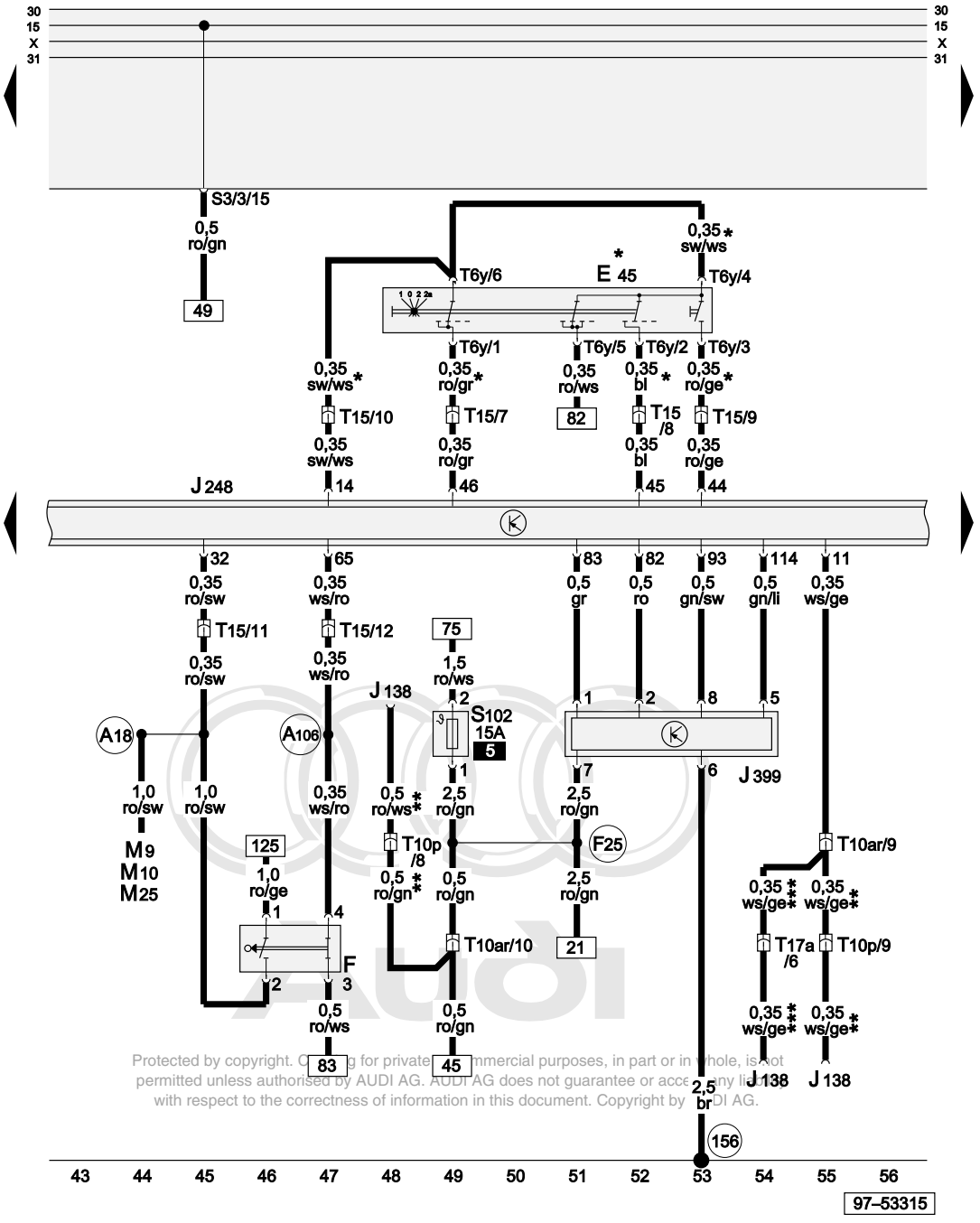


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Diesel direct injection system control unit, accelerator pedal position sender, coolant temperature senders, oil temperature sender, charge air pressure sender, needle lift sender

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G8	Oil temperature sender
G31	Charge air pressure sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
G80	Needle lift sender
J248	Diesel direct injection system control unit
T2k	2-pin connector, brown, in engine compartment
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
139	Earth connection (sender earth), in diesel direct injection wiring harness
156	Earth connection, in diesel direct injection wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	Applicable up to August 2000
**	Applicable from September 2000 onwards

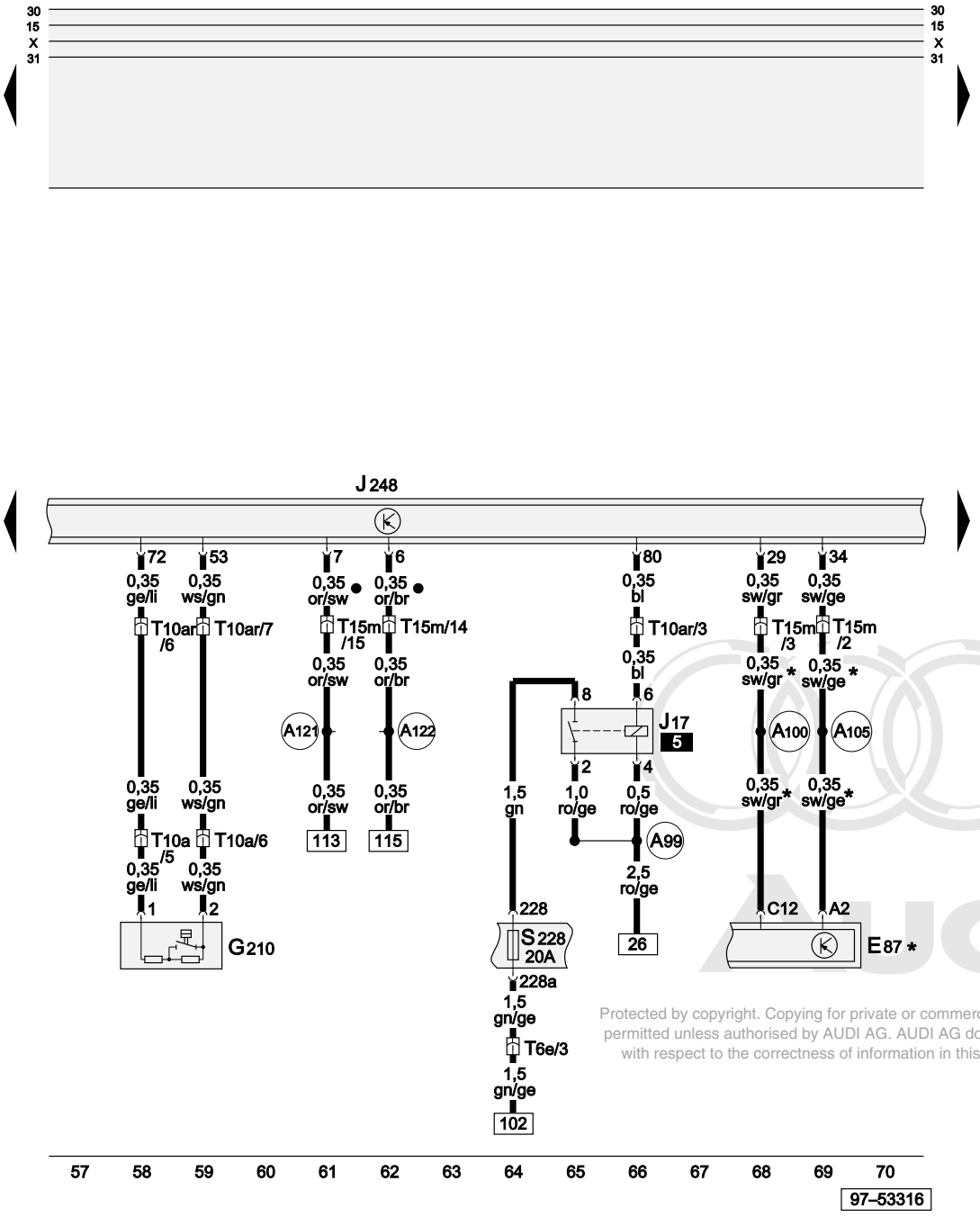


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or = orange
rs = pink

Diesel direct injection system control unit, injection pump control unit, cruise control system switch, brake light switch

E45	Cruise control system switch
F	Brake light switch
J138	Radiator fan run-on control unit
J248	Diesel direct injection system control unit
J399	Injection pump control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
S102	Engine control unit fuse
T6y	6-pin connector, black, next to steering column
T10p	10-pin connector, grey, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
156	Earth connection, in diesel direct injection wiring harness
A18	Connection (54), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
F25	Connection -1-, in diesel direct injection system wiring harness
*	Only models with cruise control system
**	Applicable up to August 2000
***	Applicable from September 2000 onwards

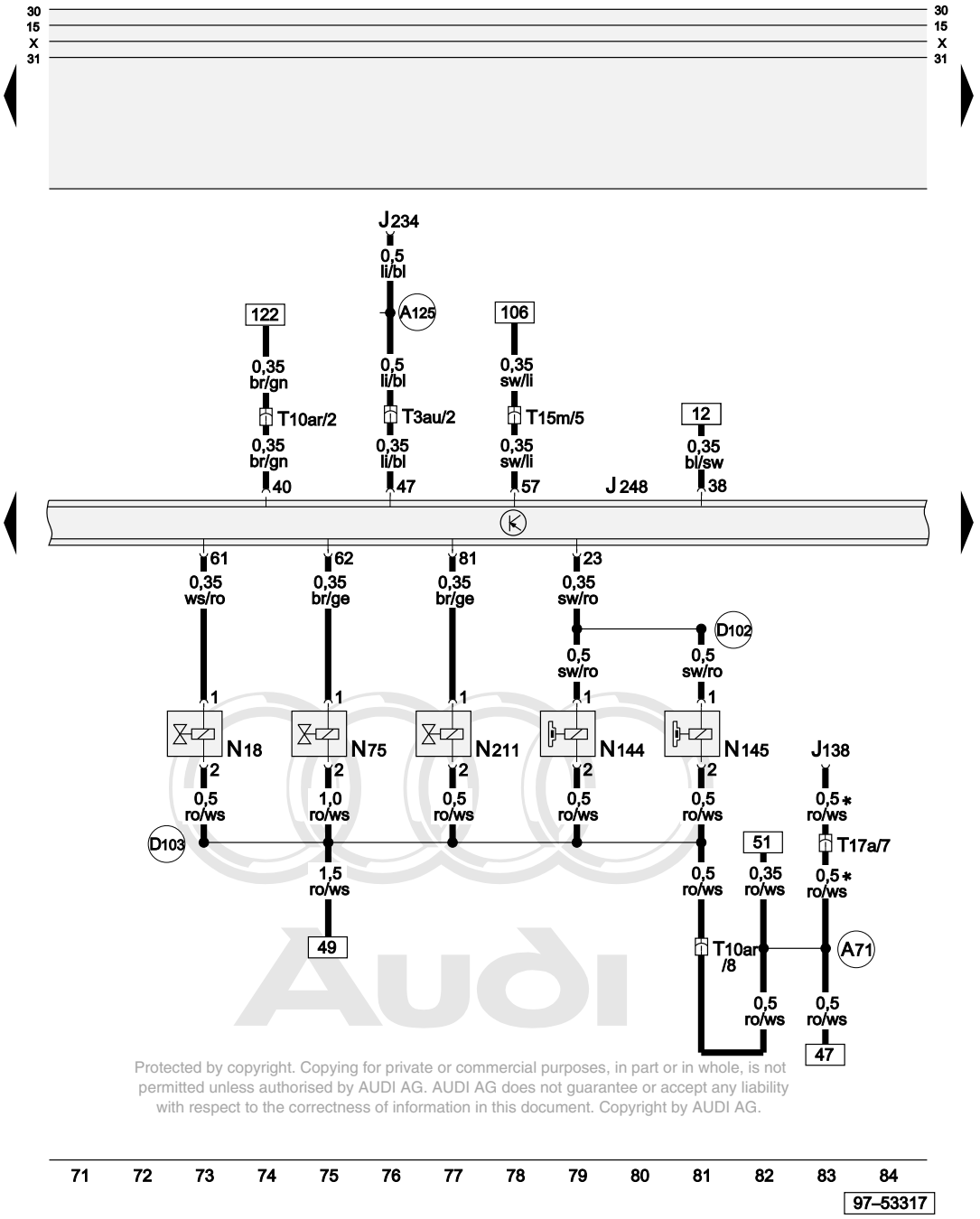


Diesel direct injection system control unit, low fuel level sender, fuel pump relay, control and display unit for air conditioner/Climatronic

E87	Control and display unit for air conditioner/Climatronic
G210	Low fuel level sender
J17	Fuel pump relay
J248	Diesel direct injection system control unit
S228	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T10a	10-pin connector, brown, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
A99	Connection -1- (87), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A105	Connection -2- (rpm boost), in dash panel wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with air conditioner
•	CAN bus (data bus)

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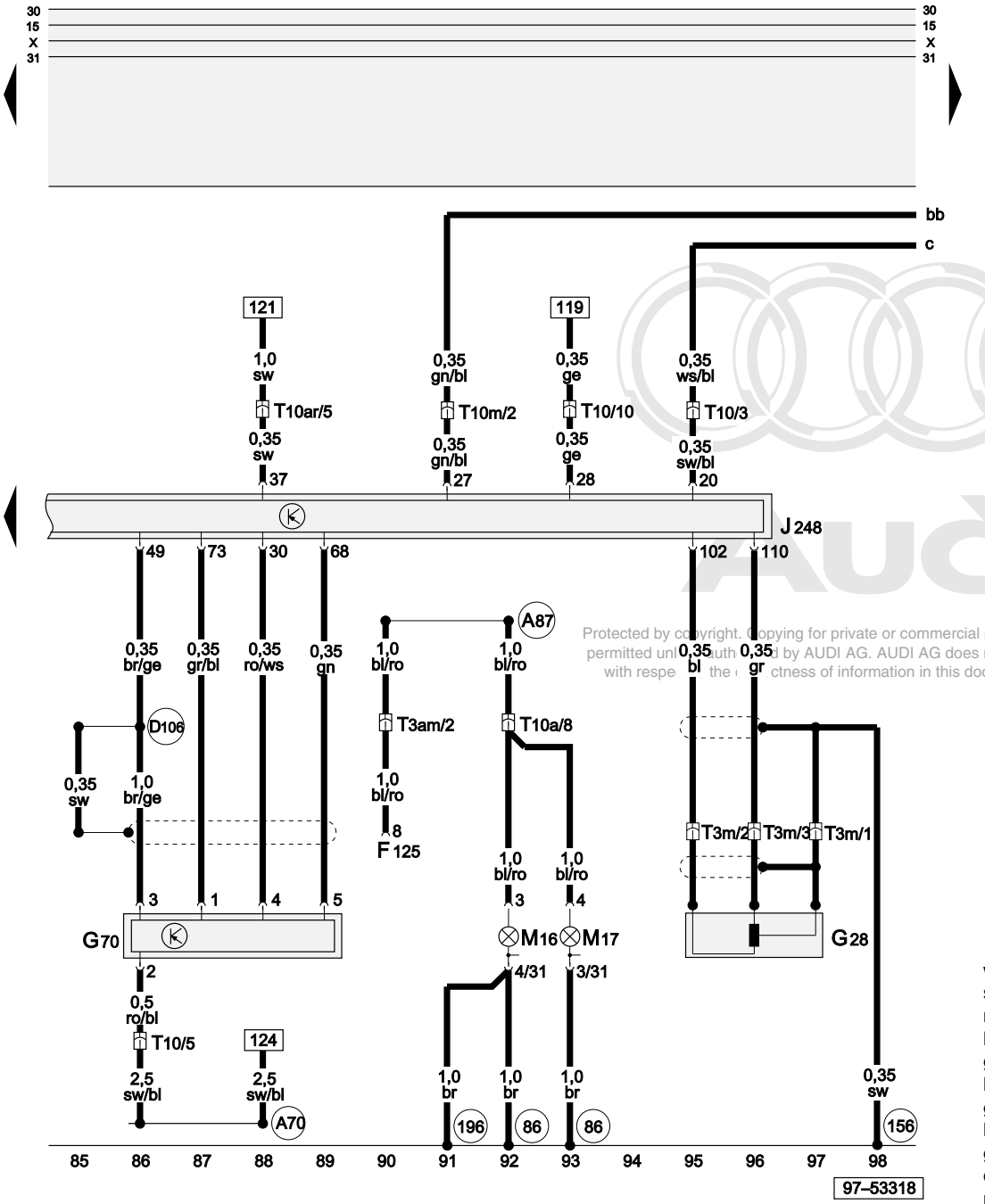


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Diesel direct injection system control unit, exhaust gas recirculation valve, charge pressure control solenoid valve, electro/hydraulic engine mounting solenoid valves, throttle butterfly valve

J138	Radiator fan run-on control unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N144	Electro/hydraulic engine mounting solenoid valve, left
N145	Electro/hydraulic engine mounting solenoid valve, right
N211	Throttle butterfly valve
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
T17a	17-pin connector, brown, left connector point, A pillar
A71	Connection (86), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D102	Connection -2-, in engine compartment wiring harness
D103	Connection -3-, in engine compartment wiring harness
*	Applicable from September 2000 onwards

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

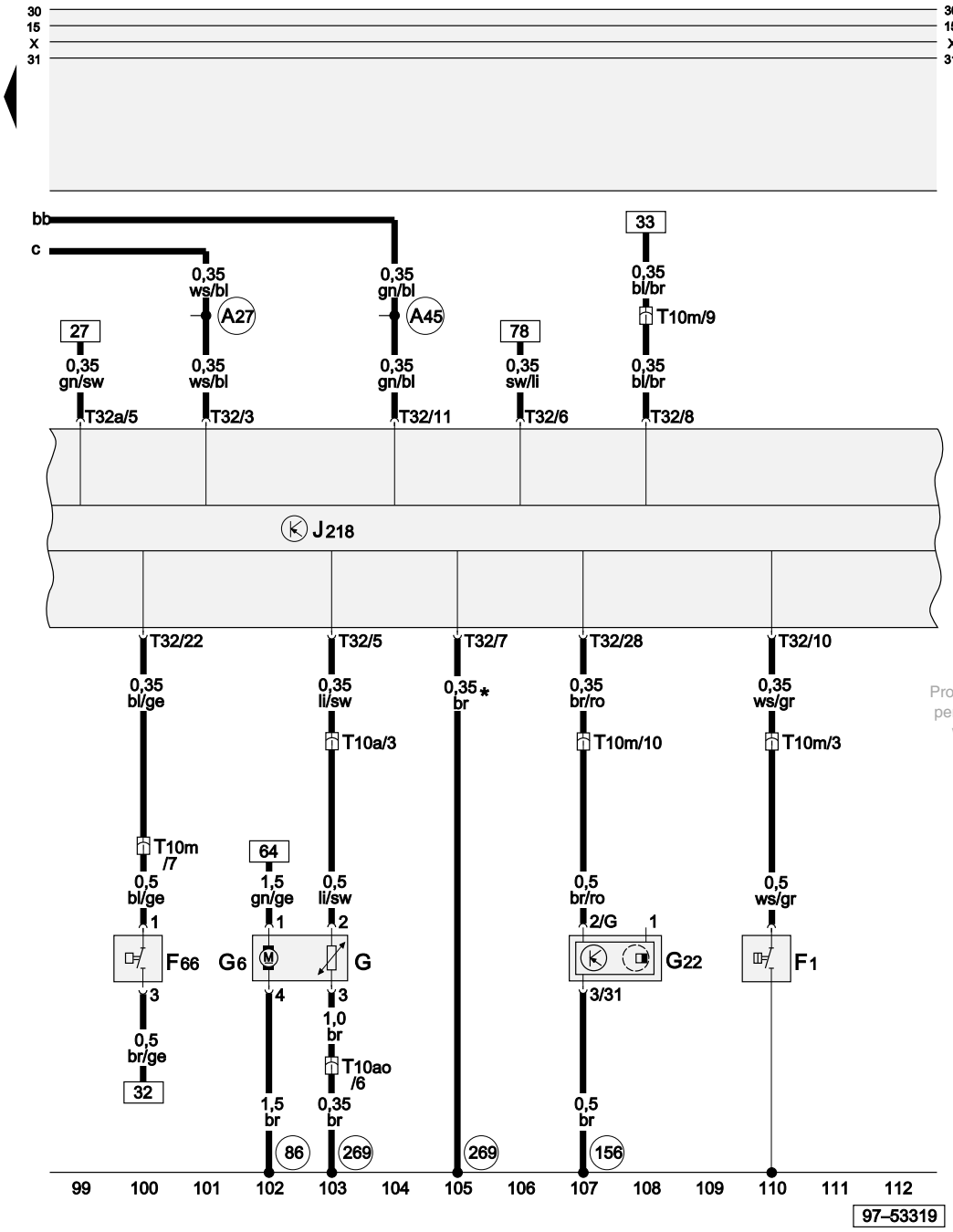


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Diesel direct injection system control unit, engine speed sender, air mass meter, reversing light bulbs

F125	Multi-function switch
G28	Engine speed sender
G70	Air mass meter
J248	Diesel direct injection system control unit
M16	Reversing light bulb, left
M17	Reversing light bulb, right
T3m	3-pin connector, grey, in engine compartment, left
T3am	3-pin connector, brown, right 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
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection wiring harness
196	Earth connection -3-, in rear wiring harness
A70	Connection (15a, fuse 231), in dash panel wiring harness
A87	Connection (RL), in dash panel wiring harness
D106	Connection -4-, in engine compartment wiring harness

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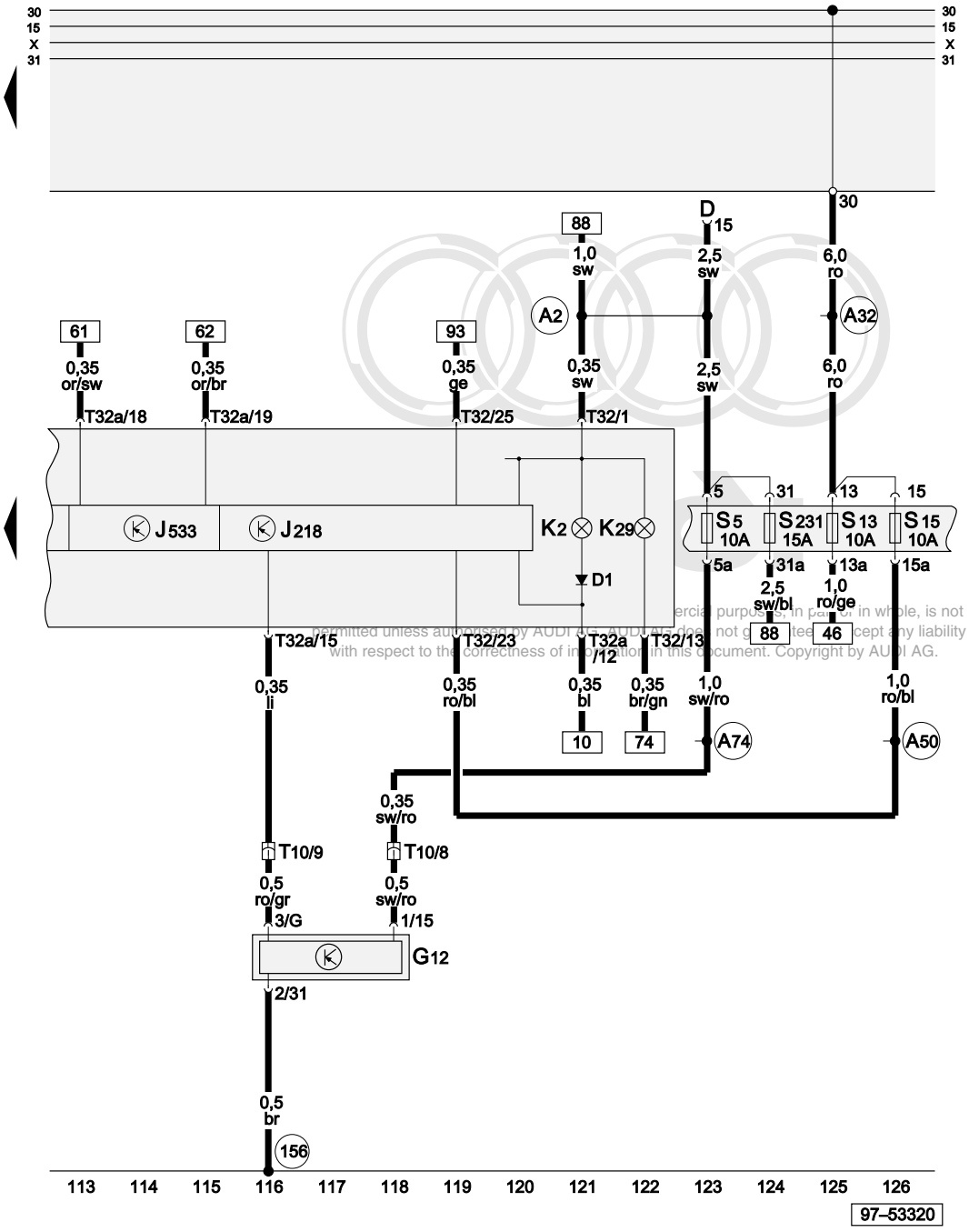


ws = white
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Combi-processor in dash panel insert, oil pressure switch, coolant shortage indicator switch, fuel pump, speedometer sender

F1	Oil pressure switch
F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G22	Speedometer sender (Hall sender, on gearbox)
J218	Combi-processor in dash panel insert
T10a	10-pin connector, brown, left connector point, A pillar
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
156	Earth connection, in diesel direct injection wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
*	Output for signal earth

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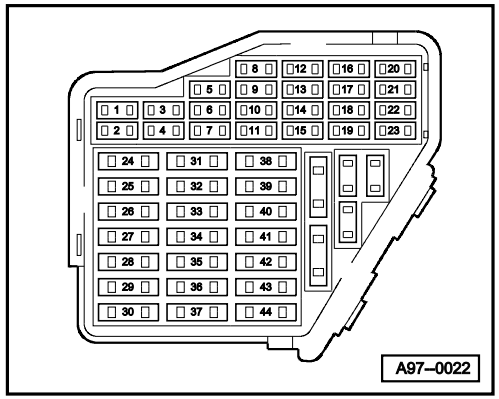
Combi-processor in dash panel insert, oil level sender, glow period warning lamp, alternator warning lamp

D	Ignition/starter switch
G12	Oil level sender
J218	Combi-processor in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K29	Glow period warning lamp
S5	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S15	Fuse in fuse box/relay plate
S231	Fuse in fuse box
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
156	Earth connection, in diesel direct injection 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	Connection (15a, fuse 5), in dash panel wiring harness

Electric seat heating (models with air conditioner and not equipped with heated steering wheel)

From model year 2000

Fuse box



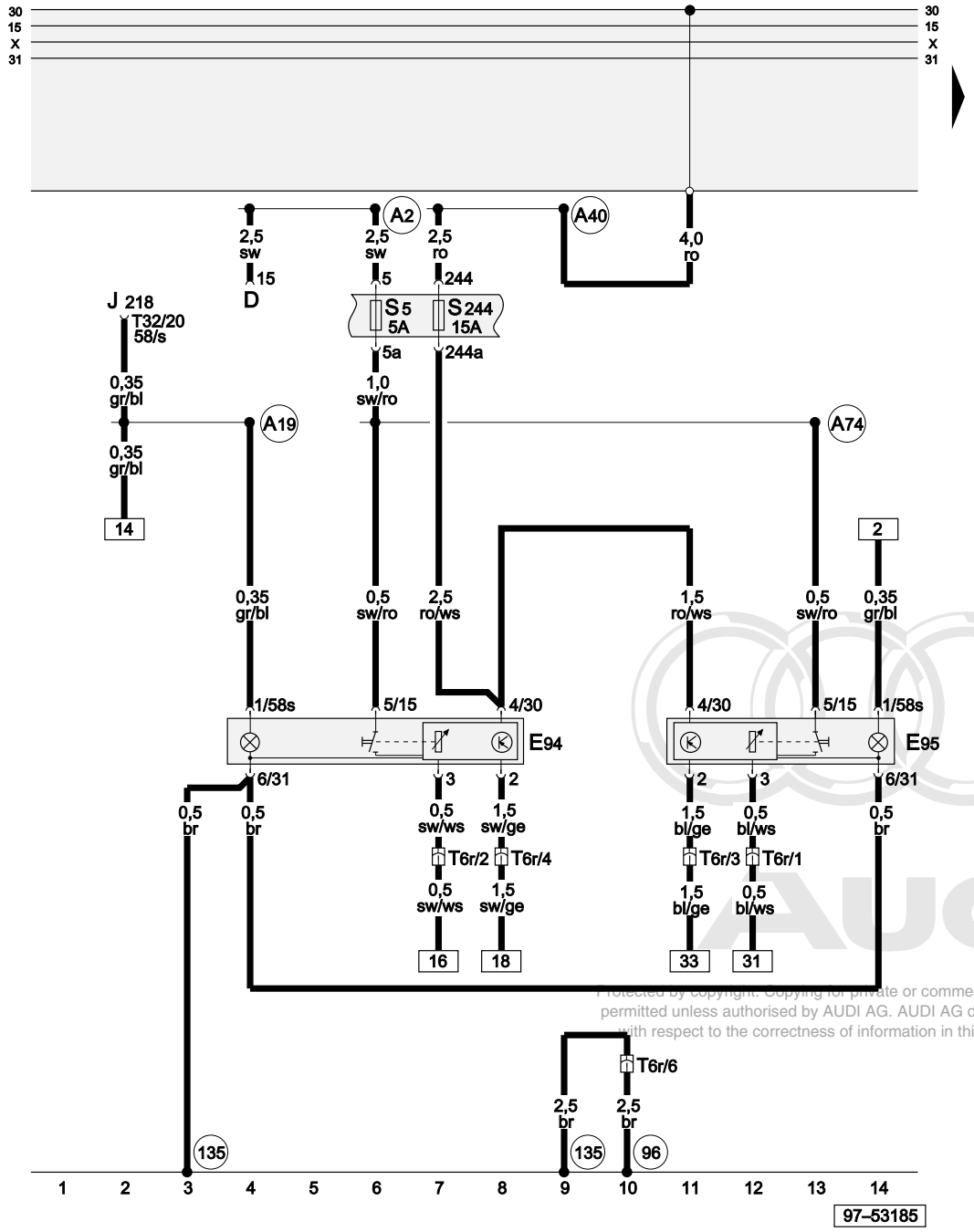
From fuse number 23 upwards the fuses in the

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 - brown
5 A - beige
3 A - purple

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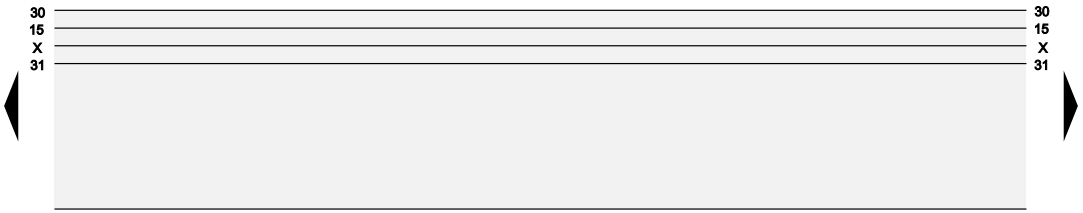


Adjuster for heated driver's seat and front passenger's seat

D	Ignition/starter switch
E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
J218	Combi-processor in dash panel insert
S5	Fuse in fuse box/relay plate
S244	Fuse in fuse box
T6r	6-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
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	Connection (15a, fuse 5), in dash panel wiring harness

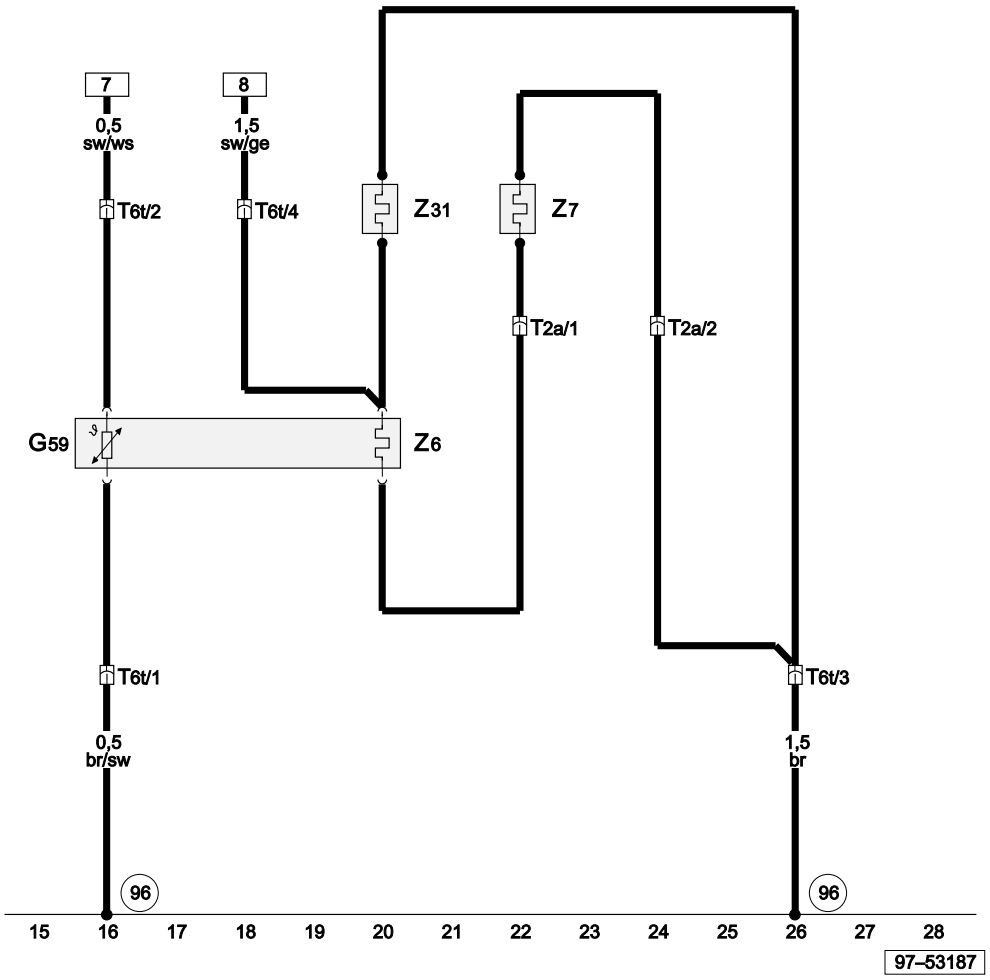
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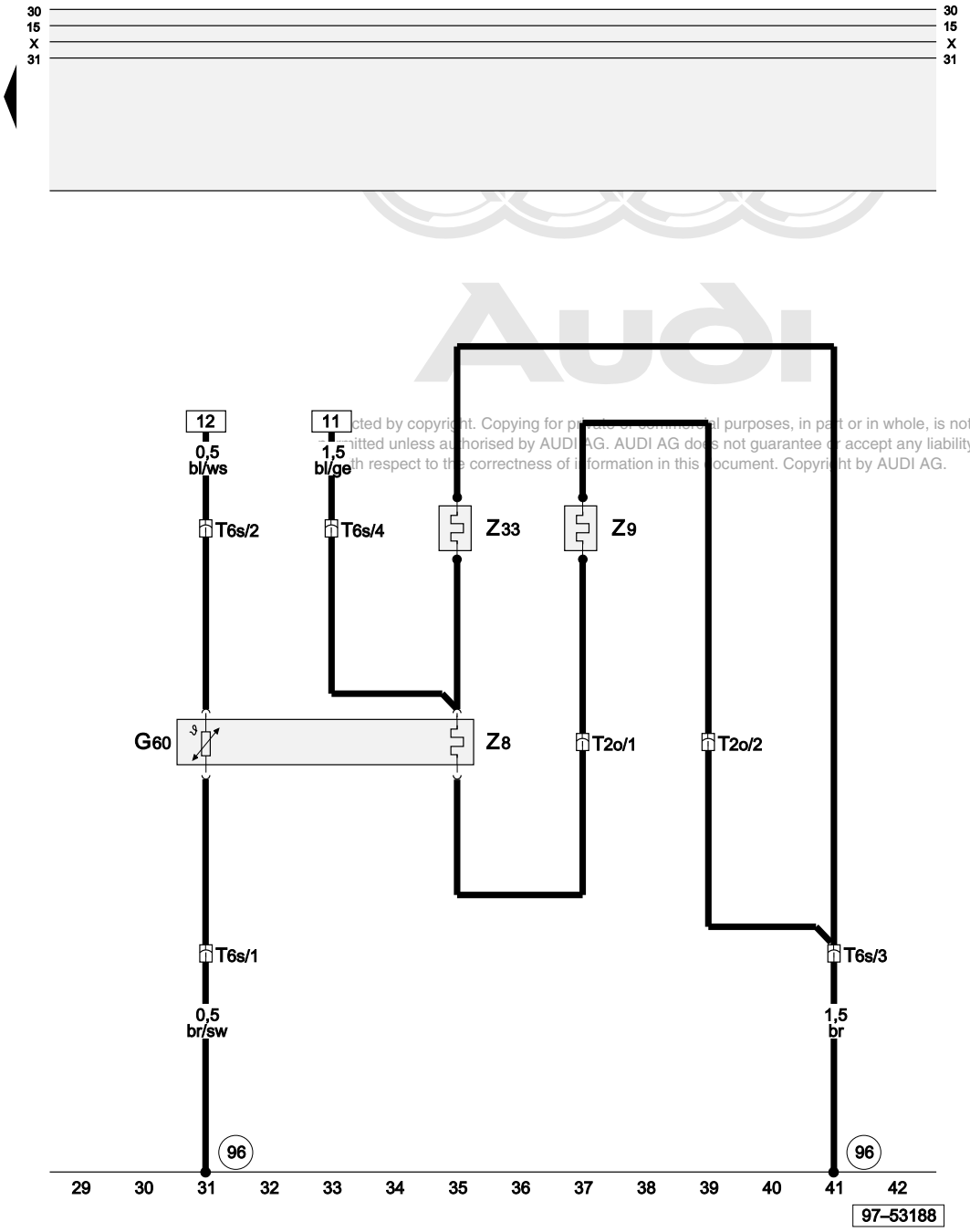
Seat heating for driver's seat, belt switch for seat belt warning

G59	Driver's seat temperature sensor
T2a	2-pin connector, in driver's seat
T6t	6-pin connector, green, under driver's seat
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z31	Seat lateral support heater, driver's seat
(96)	Earth connection -1-, in seat heating wiring harness



ws = white
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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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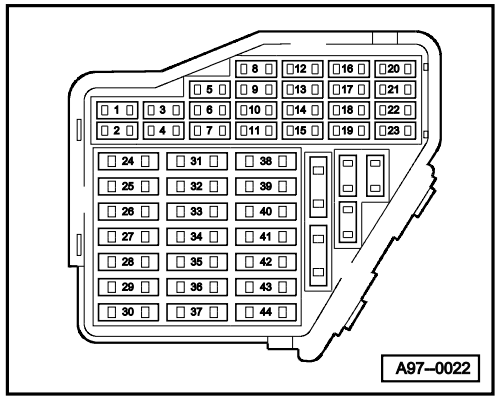
Seat heating for front passenger's seat

G60	Front passenger's seat temperature sensor
T2o	2-pin connector, in front passenger's seat
T6s	6-pin connector, green, under front passenger's seat
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
Z33	Seat lateral support heater, front passenger's seat
(96)	Earth connection -1-, in seat heating wiring harness

Electric seat heating (models with air conditioner and heated steering wheel)

From model year 2000

Fuse box



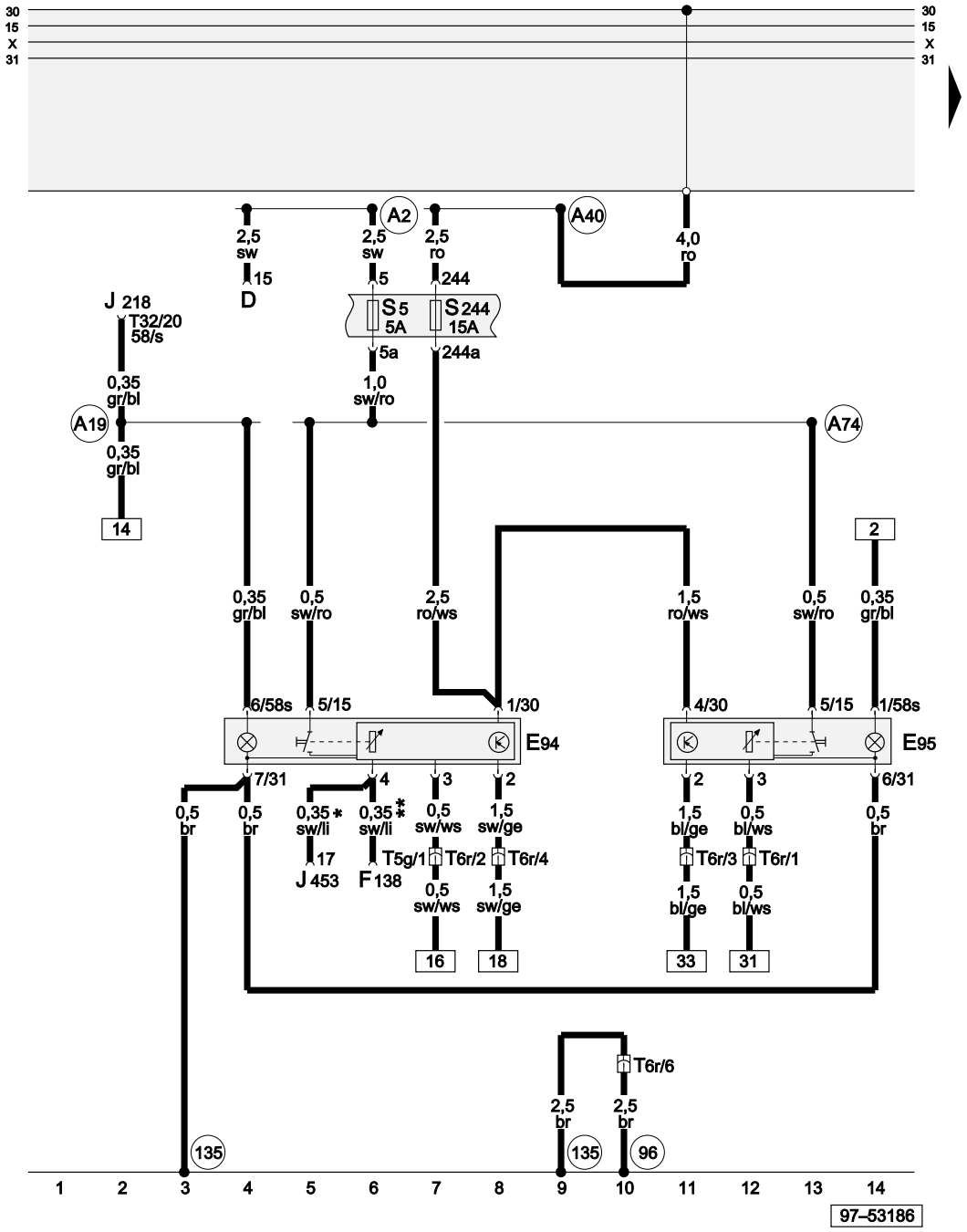
From fuse number 23 upwards the fuses in the

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 - brown
5 A - beige
3 A - purple

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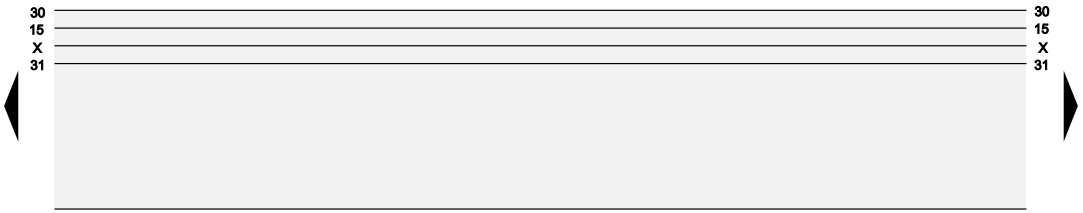


Adjuster for heated driver's seat and front passenger's seat

D	Ignition/starter switch
E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
F138	Airbag coil connector, return spring with slip ring
J218	Combi-processor in dash panel insert
J453	Multi-function steering wheel control unit
S5	Fuse in fuse box/relay plate
S244	Fuse in fuse box
T5g	5-pin connector, behind steering column switch trim
T6r	6-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
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	Connection (15a, fuse 5), in dash panel wiring harness
*	Heated steering wheel with multi-function steering wheel
**	Heated steering wheel without multi-function steering wheel

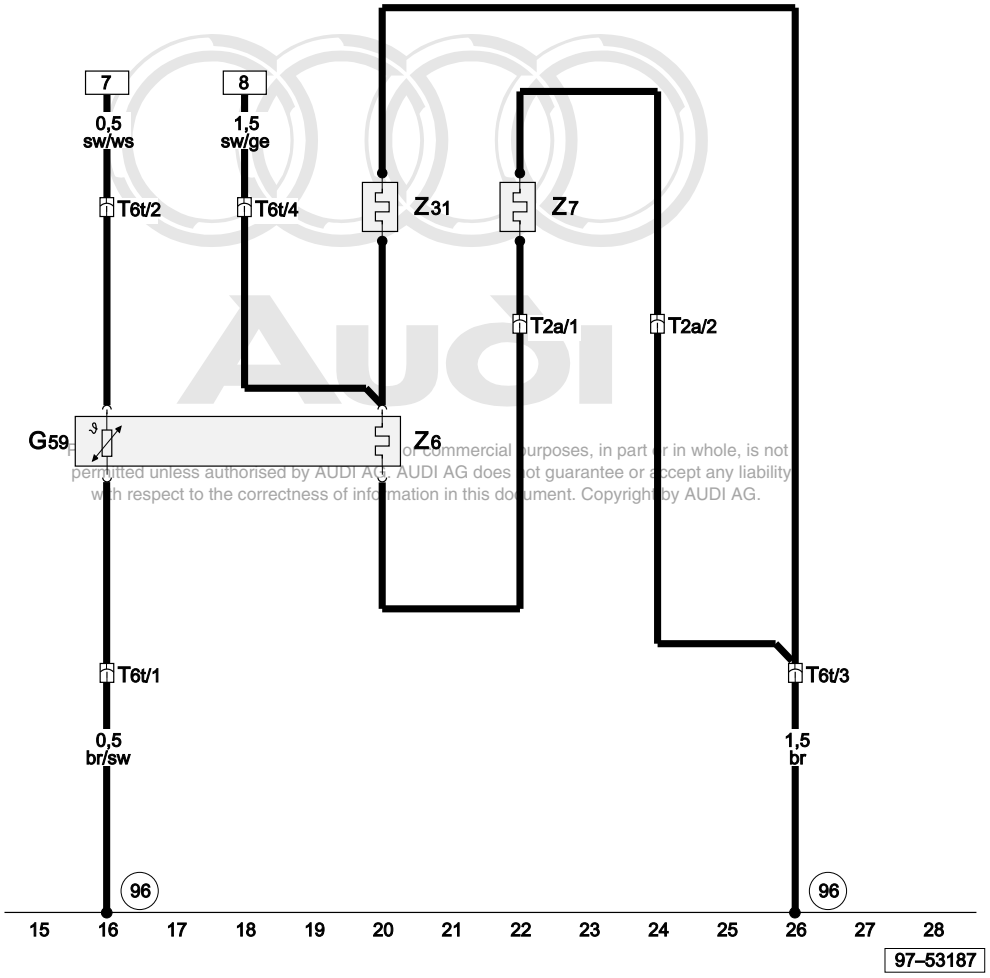
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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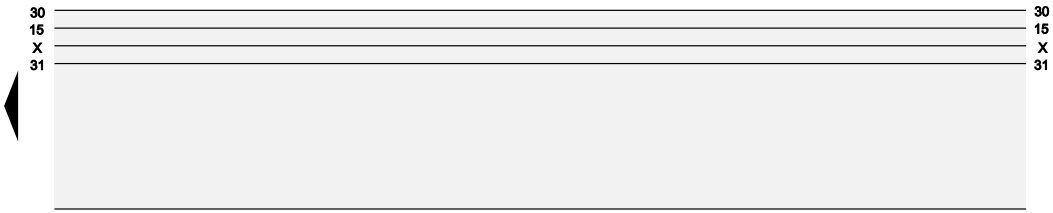
Seat heating for driver's seat, belt switch for seat belt warning

G59	Driver's seat temperature sensor
T2a	2-pin connector, in driver's seat
T6t	6-pin connector, green, under driver's seat
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z31	Seat lateral support heater, driver's seat
96	Earth connection -1-, in seat heating wiring harness



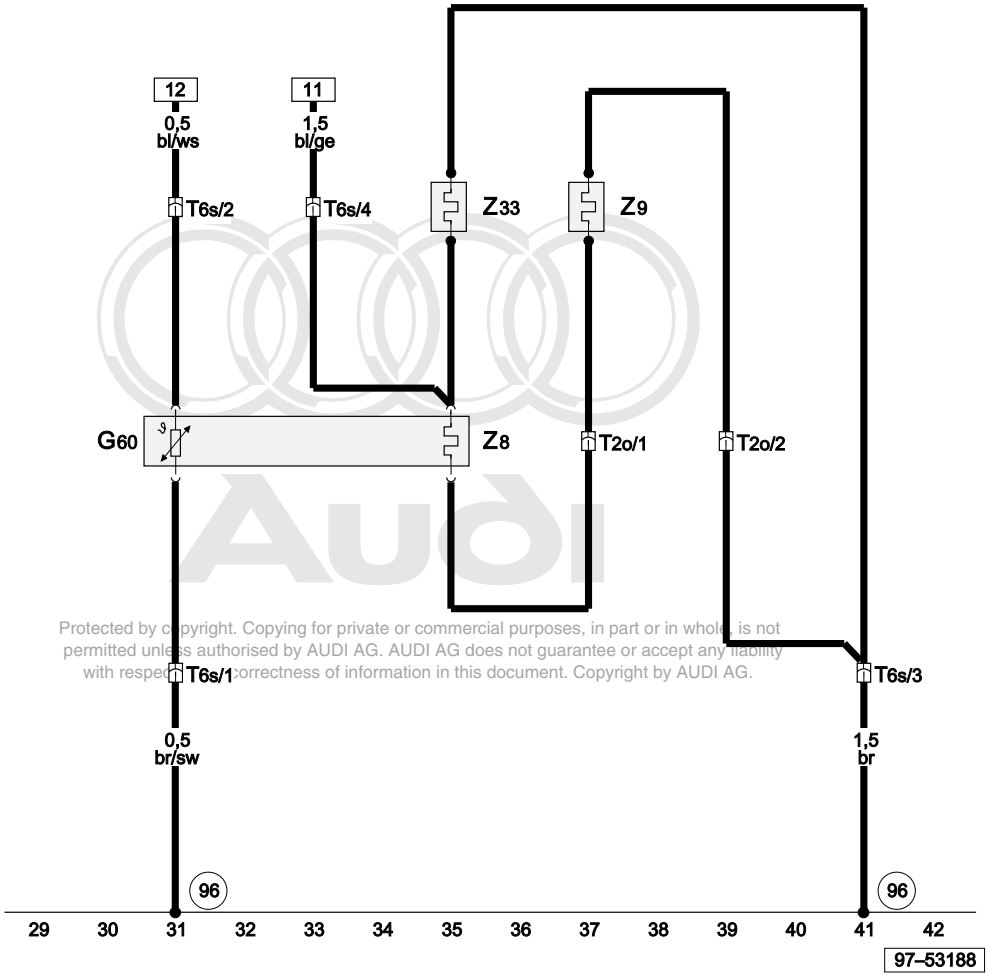
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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Seat heating for front passenger's seat

G60	Front passenger's seat temperature sensor
T2o	2-pin connector, in front passenger's seat
T6s	6-pin connector, green, under front passenger's seat
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
Z33	Seat lateral support heater, front passenger's seat
96	Earth connection -1-, in seat heating wiring harness



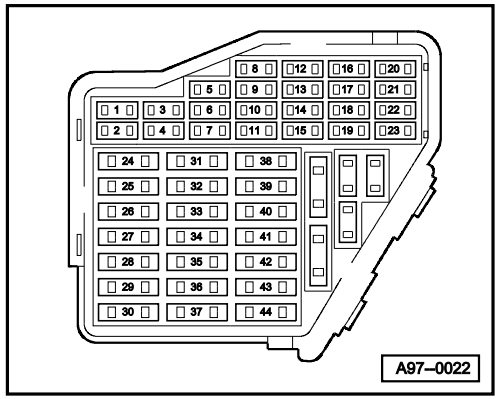
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electric seat heating (models without air conditioner)

From model year 2000

Fuse box



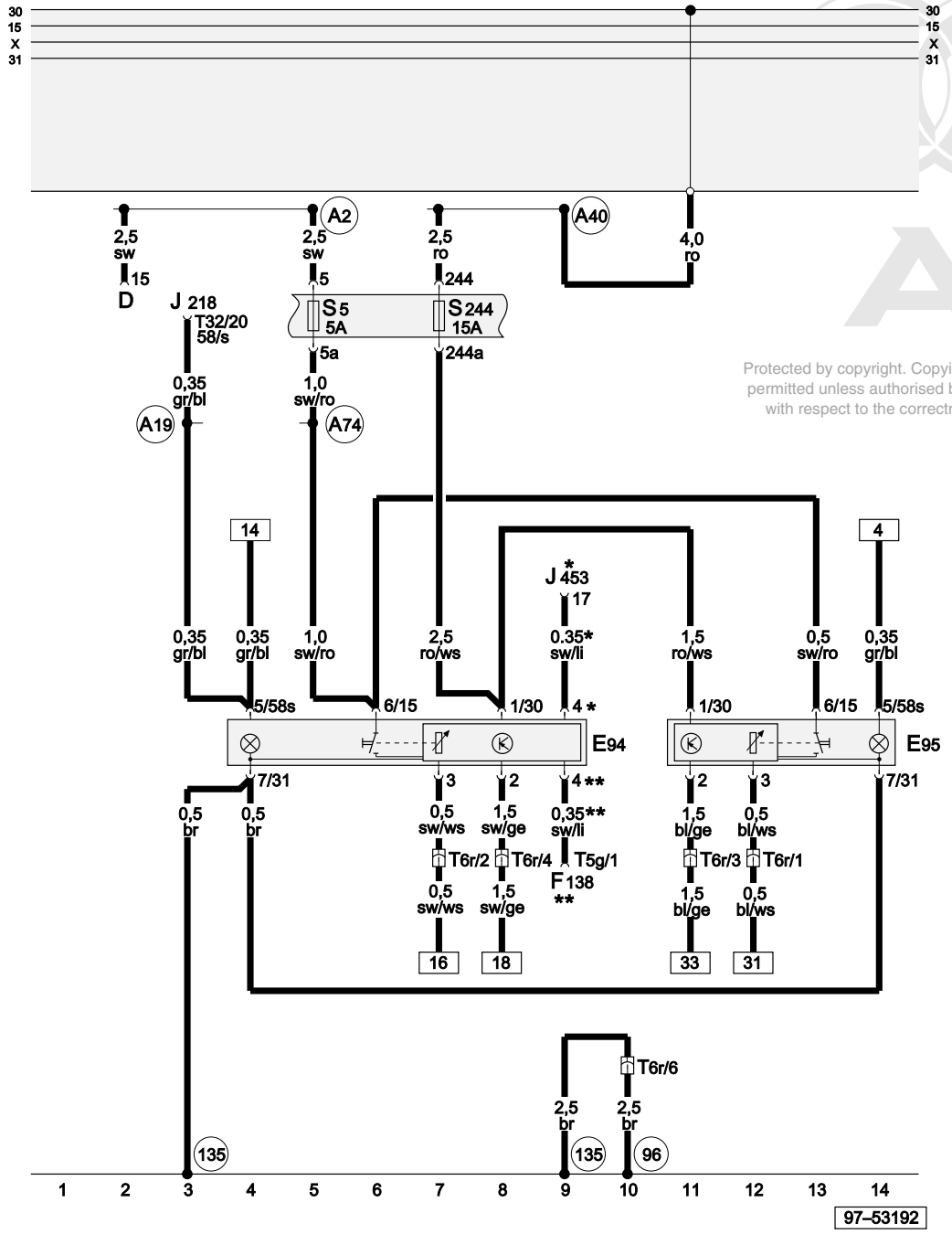
From fuse number 23 upwards the fuses in the

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 - brown
5 A - beige
3 A - purple

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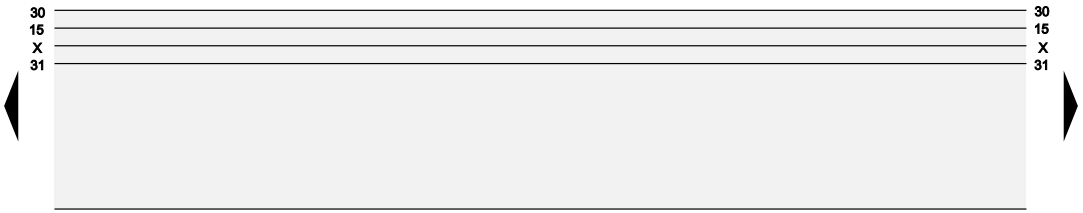


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Adjuster for heated driver's seat and front passenger's seat

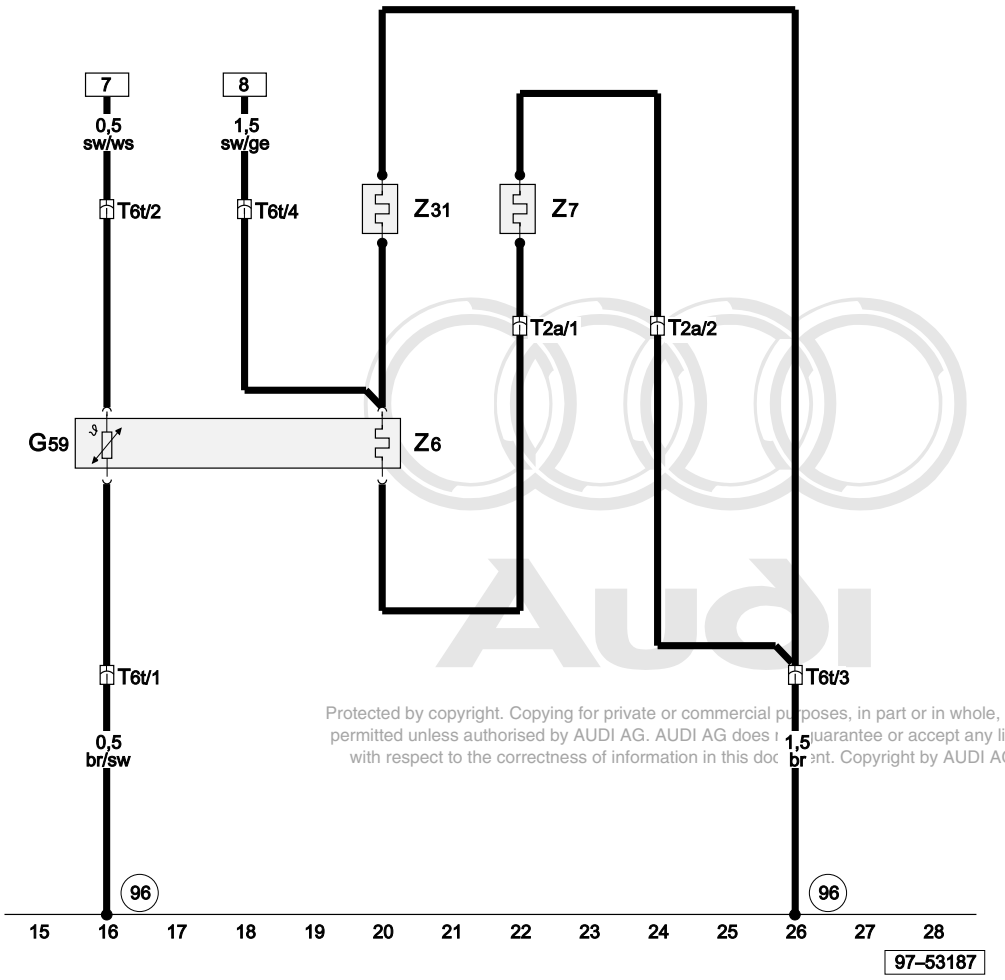
D	Ignition/starter switch
E94	Heated driver's seat adjuster
E95	Heated front passenger's seat adjuster
F138	Airbag coil connector, return spring with slip ring
J218	Combi-processor in dash panel insert
J453	Multi-function steering wheel control unit
S5	Fuse in fuse box/relay plate
S244	Fuse in fuse box
T5g	5-pin connector, behind steering column switch trim
T6r	6-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
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	Connection (15a, fuse 5), in dash panel wiring harness
*	Heated steering wheel with multi-function steering wheel
**	Heated steering wheel without multi-function steering wheel

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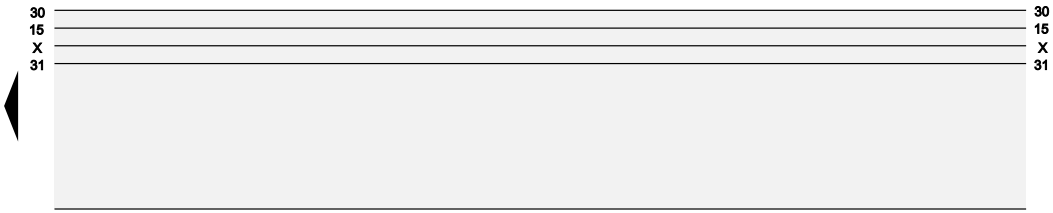
Seat heating for driver's seat, belt switch for seat belt warning

G59	Driver's seat temperature sensor
T2a	2-pin connector, in driver's seat
T6t	6-pin connector, green, under driver's seat
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
Z31	Seat lateral support heater, driver's seat
96	Earth connection -1-, in seat heating wiring harness



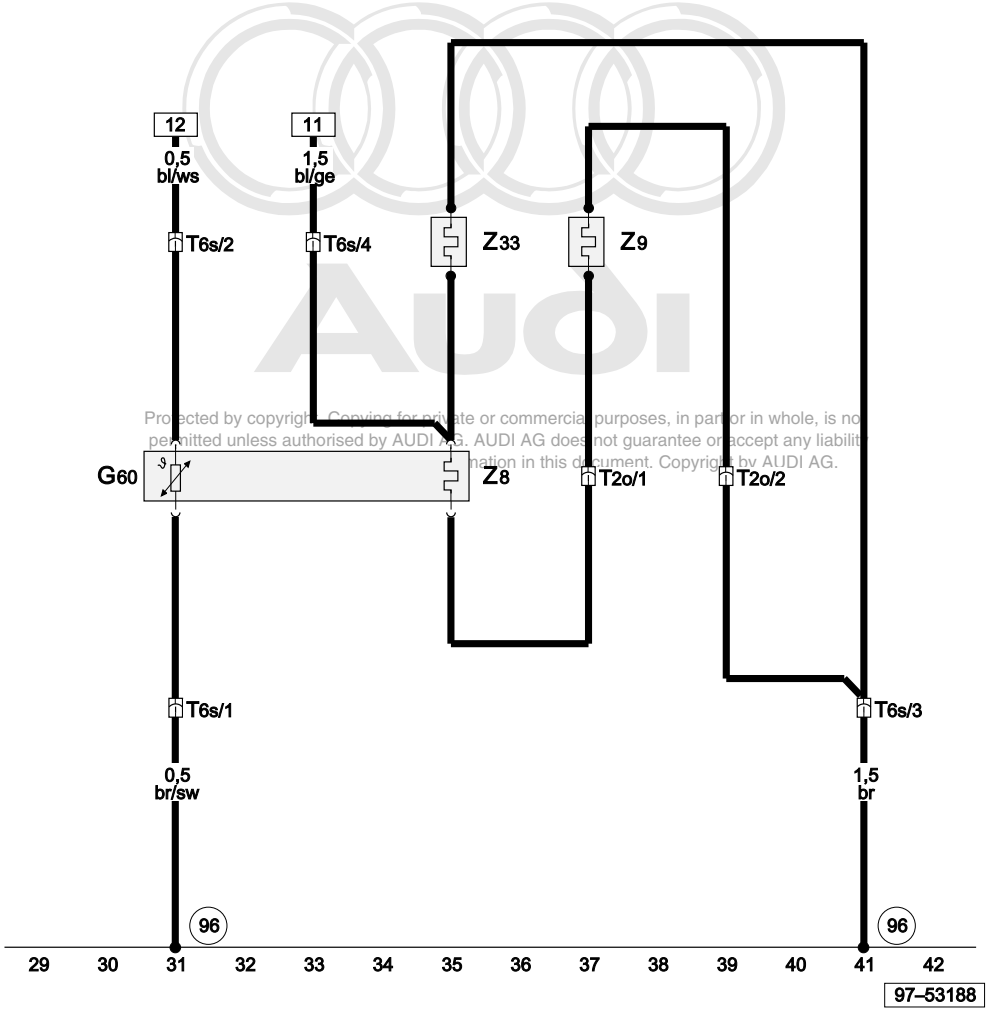
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ge	=	yellow
or	=	orange
rs	=	pink



Seat heating for front passenger's seat

G60	Front passenger's seat temperature sensor
T2o	2-pin connector, in front passenger's seat
T6s	6-pin connector, green, under front passenger's seat
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
Z33	Seat lateral support heater, front passenger's seat
96	Earth connection -1-, in seat heating wiring harness



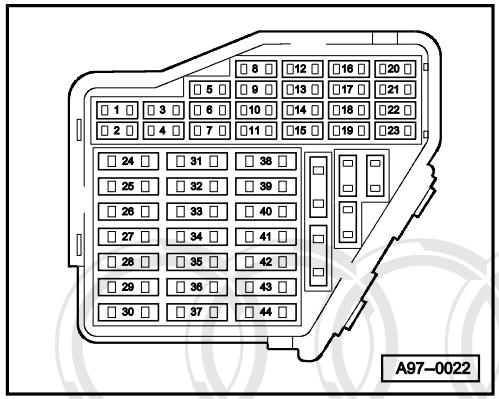
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or	=	orange
rs	=	pink

Electric seat adjustment

From model year 2000

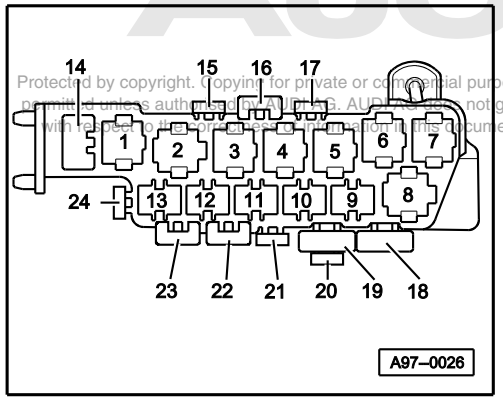
Fuse box



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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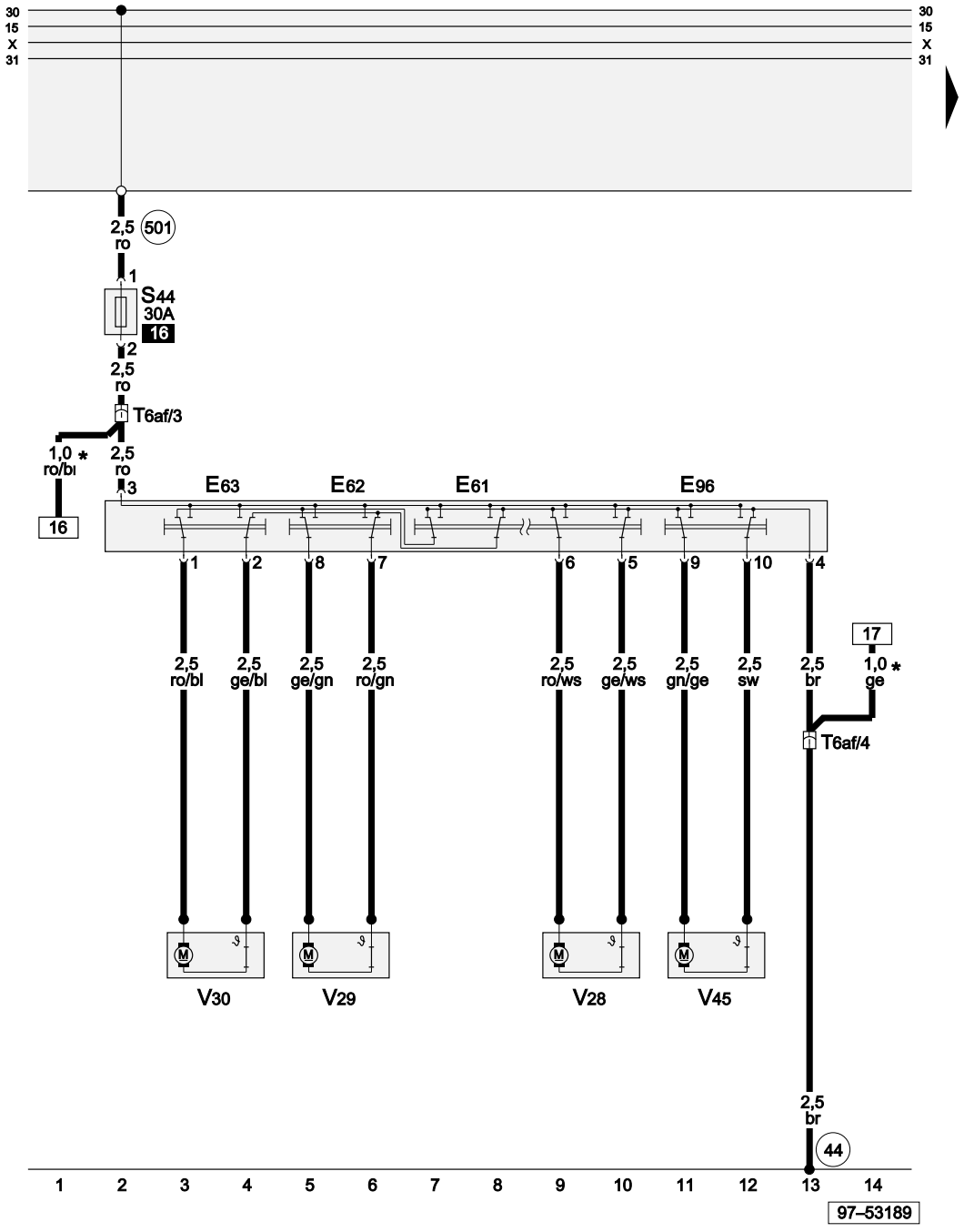
Position of fuses:

15 - Seat adjustment thermo-fuse 1
16 - Seat adjustment thermo-fuse 2

Fuse colours:

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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Electrically adjustable 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
S44	Seat adjustment thermo-fuse 1
T6af	6-pin connector, red, 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
44	Earth point, lower part of left A pillar
501	Screw connection -2- (30), on relay plate
*	Only models with lumbar support adjustment

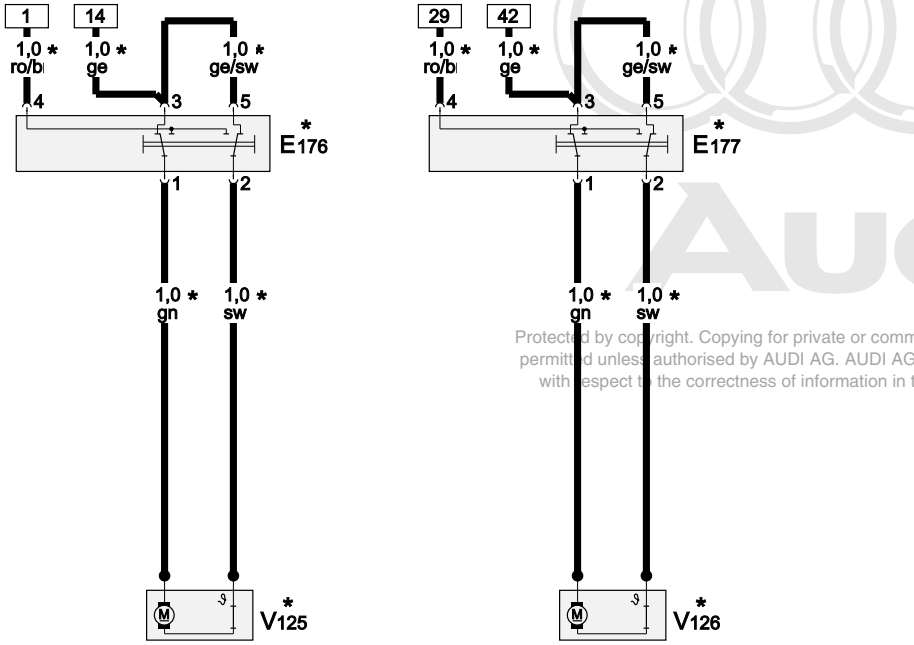
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rs	=	pink

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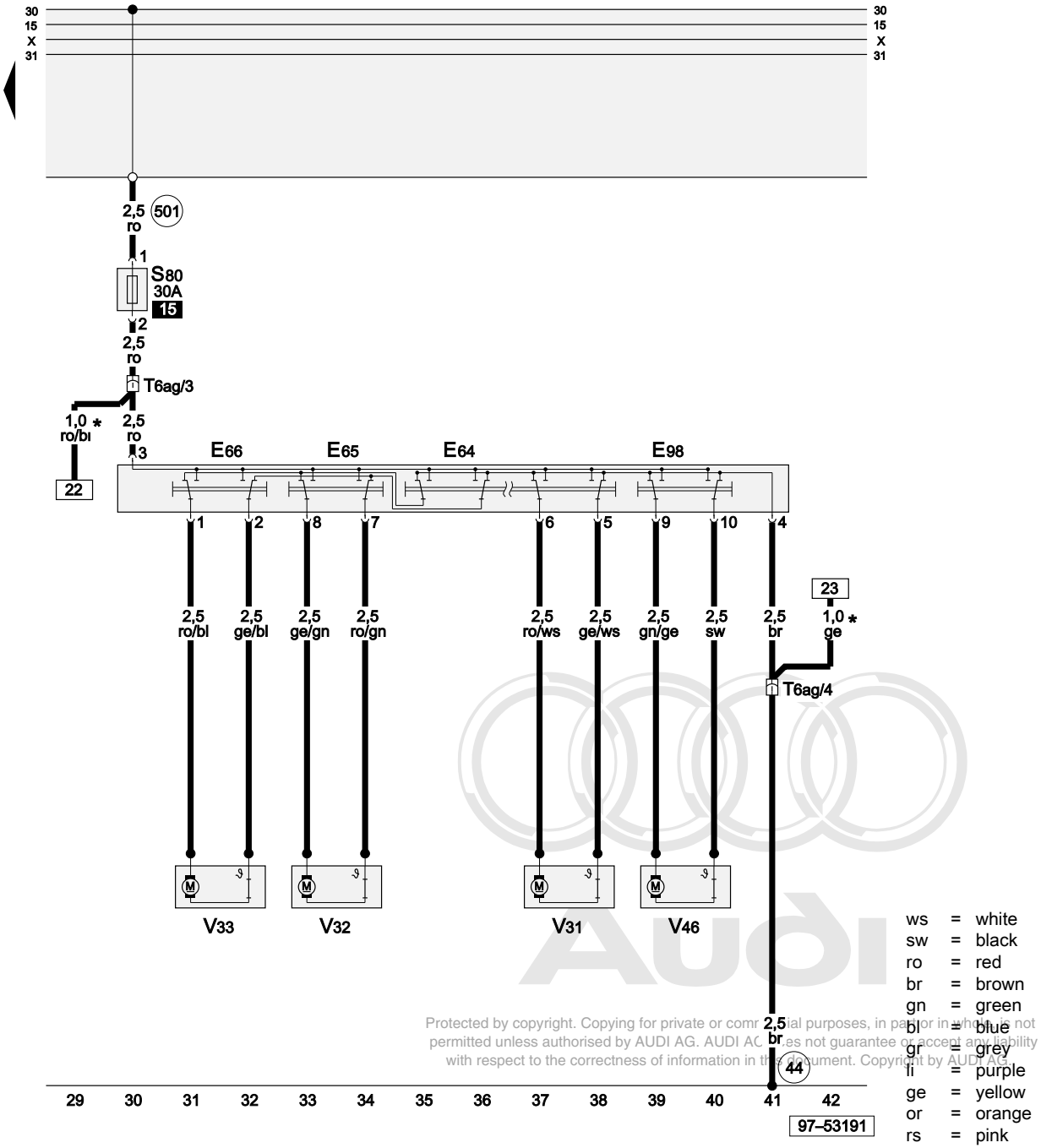
Lumbar support adjustment for driver's seat and front passenger's seat

E176 Lumbar support adjustment switch, driver's seat
E177 Lumbar support adjustment switch, front passenger's seat
V125 Lumbar support longitudinal adjustment motor, driver's seat
V126 Lumbar support longitudinal adjustment motor, front passenger's seat
* Only models with lumbar support adjustment



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Electrically adjustable front passenger's seat

E64	Longitudinal adjustment switch, front passenger's seat
E65	Front height adjustment switch, front passenger's seat
E66	Rear height adjustment switch, front passenger's seat
E98	Backrest adjustment switch, front passenger's seat
S80	Seat adjustment thermo-fuse 2
T6ag	6-pin connector, red, under front passenger's seat
V31	Longitudinal adjustment motor, front passenger's seat
V32	Front height adjustment motor, front passenger's seat
V33	Rear height adjustment motor, front passenger's seat
V46	Backrest adjustment motor, front passenger's seat
44	Earth point, lower part of left A pillar
501	Screw connection -2- (30), on relay plate
*	Only models with lumbar support adjustment

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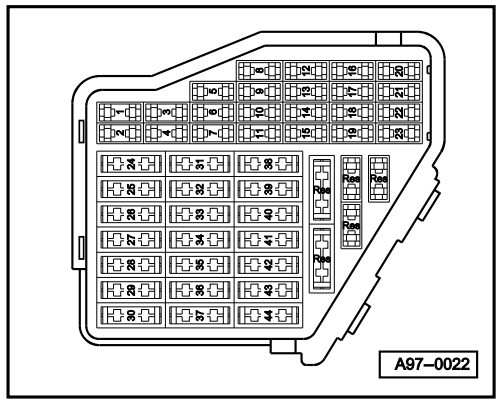
2.7 litre Motronic, 195 kW, bi-turbo engine, 6-cylinder, engine code AZB

From November 2000

2.7 litre Motronic, 280 kW, bi-turbo engine, 6-cylinder, engine code AZR

From November 2000

Fuse box:

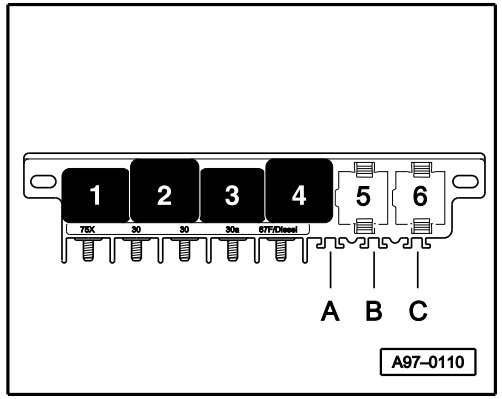


Fuse colours:

30 A – green
25 A – white
20 A – yellow
15 A – blue
10 A – red
7.5 A – brown
5 A – beige
3 A – purple

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

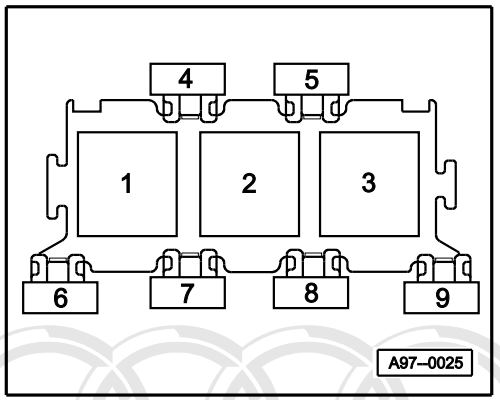
Micro-central electrics:



Position of relays:

4 - Fuel pump relay

3-point relay carrier (electronics box):



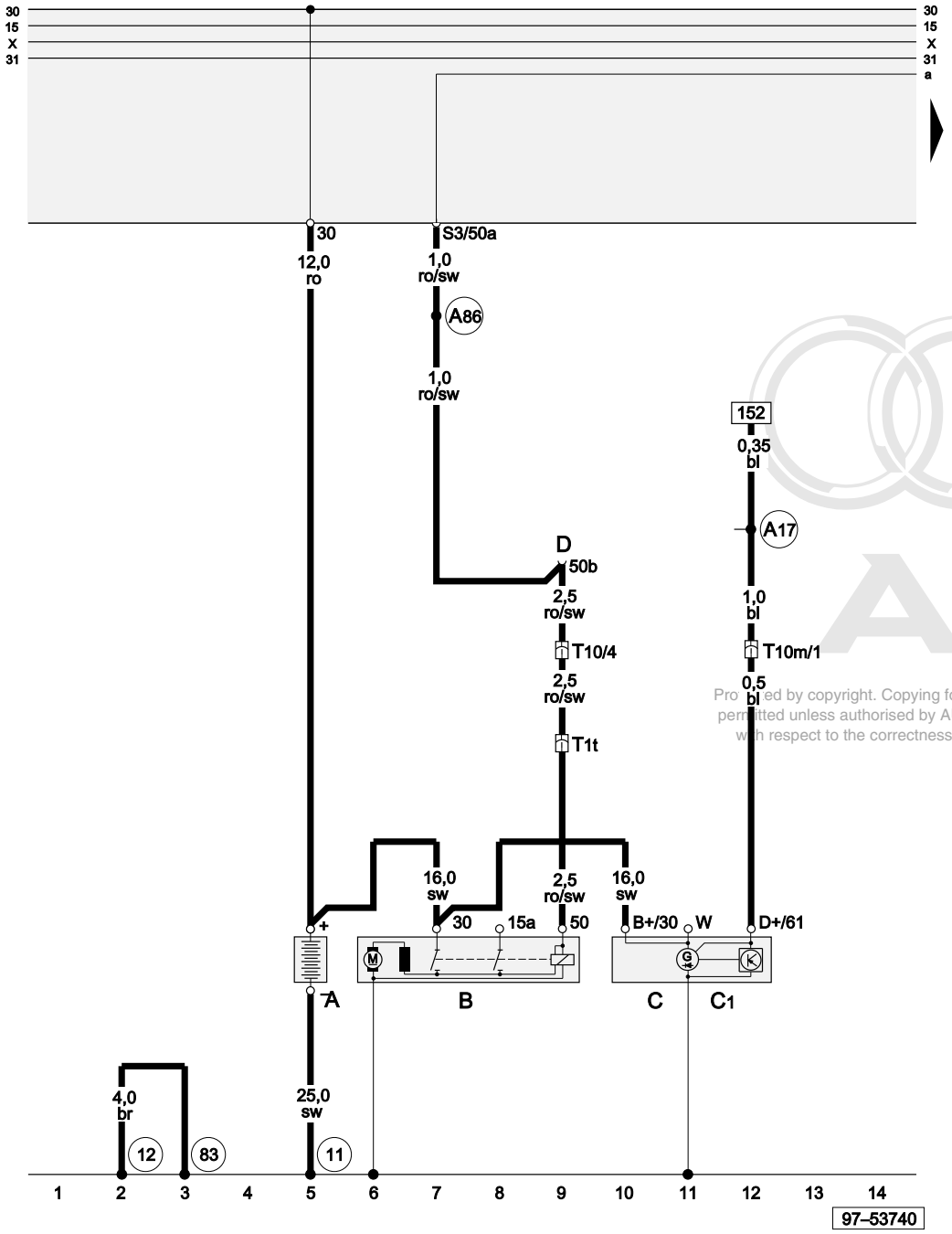
Position of relays:

2 - Secondary air pump relay

Position of fuses:

7 - Secondary air pump fuse

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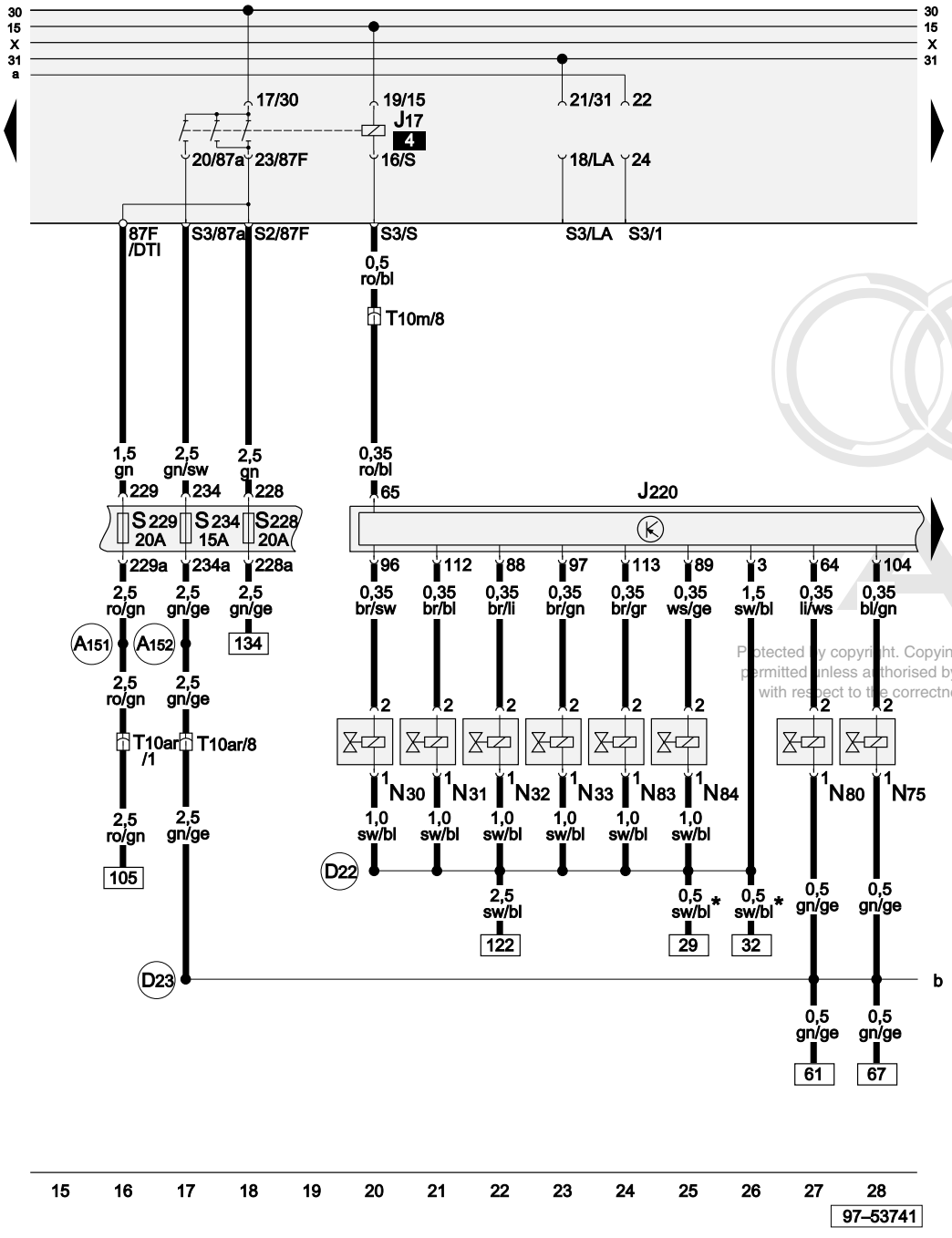


Battery, starter, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1t	Single connector, black, in engine compartment
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
11	Earth point, in battery box
12	Earth point, in engine compartment, left
83	Earth connection -1-, in front right wiring harness
A17	Connection (61), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness

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or	=	orange
rs	=	pink

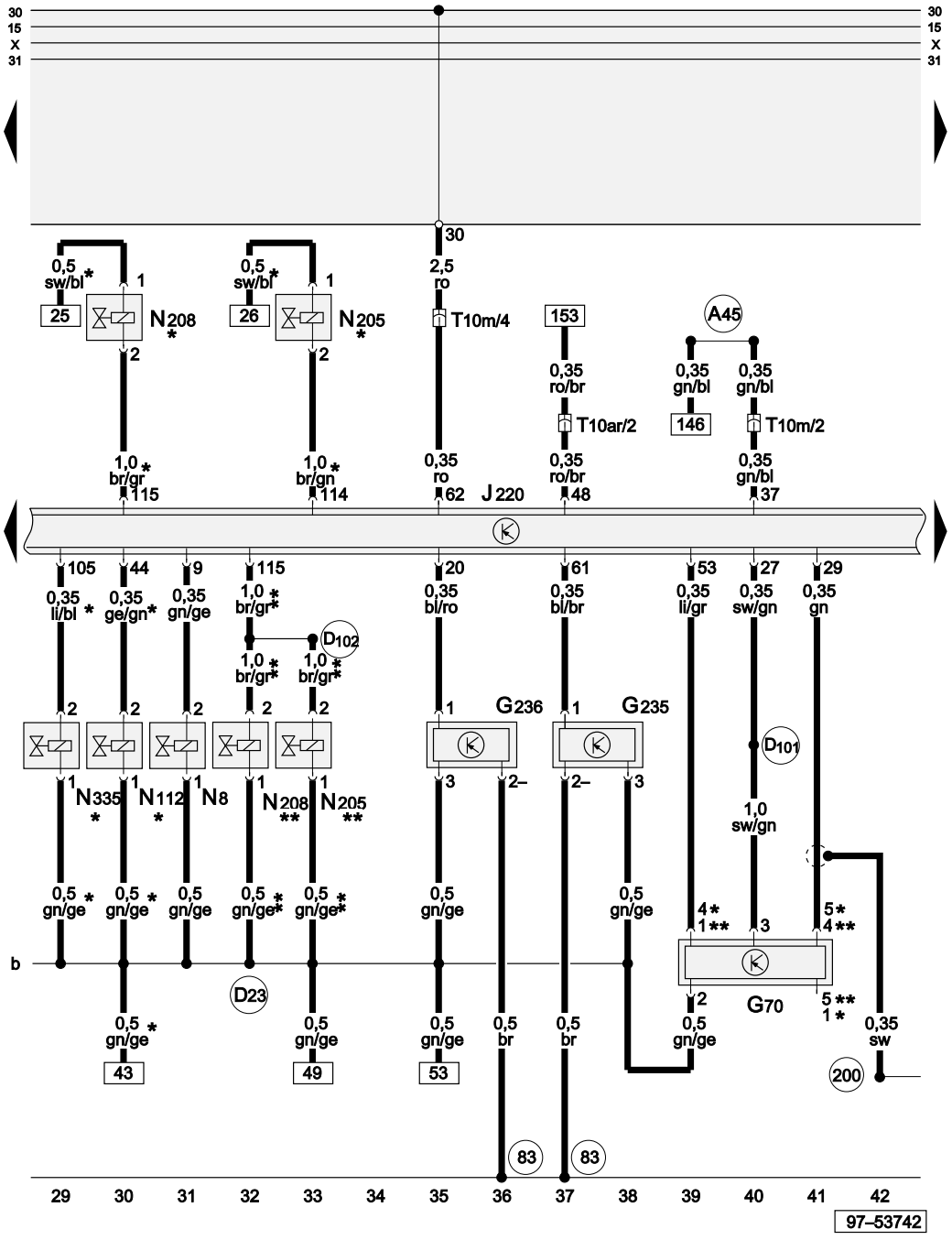


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Motronic control unit, fuel pump relay, injectors, charge pressure control solenoid valve, activated charcoal filter system solenoid valve 1

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 (pulsed)
N83	Injector, cylinder 5
N84	Injector, cylinder 6
S228	Fuse in fuse box
S229	Fuse in fuse box
S234	Fuse in fuse box
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
A151	Connection -4- (87), in dash panel wiring harness
A152	Connection -5- (87), in dash panel wiring harness
D22	Connection (via fuse 234), in front right wiring harness
D23	Connection (via fuse 229), in front right wiring harness
*	Only applies to models with 2.7 litre engine, 280 kW, Motronic

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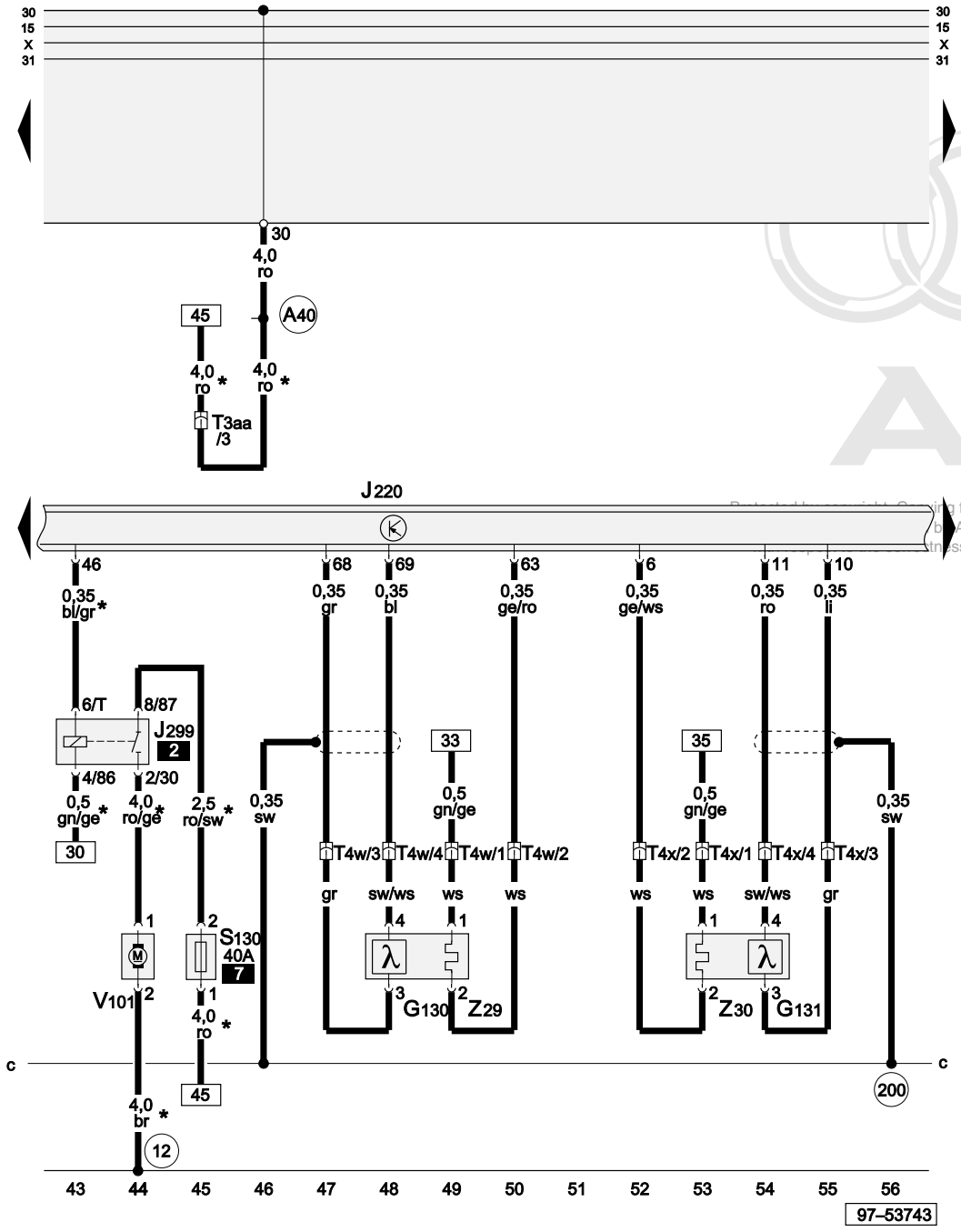


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Motronic control unit, air mass meter, exhaust gas temperature senders, by-pass air cut-off valve, inlet camshaft timing adjustment valves

G70	Air mass meter
G235	Exhaust gas temperature sender 1
G236	Exhaust gas temperature sender 2
J220	Motronic control unit
N8	By-pass air cut-off valve (central idling)
N112	Secondary air inlet valve
N205	Inlet camshaft timing adjustment valve -1-
N208	Inlet camshaft timing adjustment valve -2-
N335	Variable intake manifold change-over valve
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A45	Connection (engine speed signal), in dash panel wiring harness
D23	Connection (via fuse 229), in front right wiring harness
D101	Connection -1-, in engine compartment wiring harness
D102	Connection -2-, in engine compartment wiring harness
*	Only applies to models with 2.7 litre engine, 280 kW, Motronic
**	Only applies to models with 2.7 litre engine, 195 kW, Motronic

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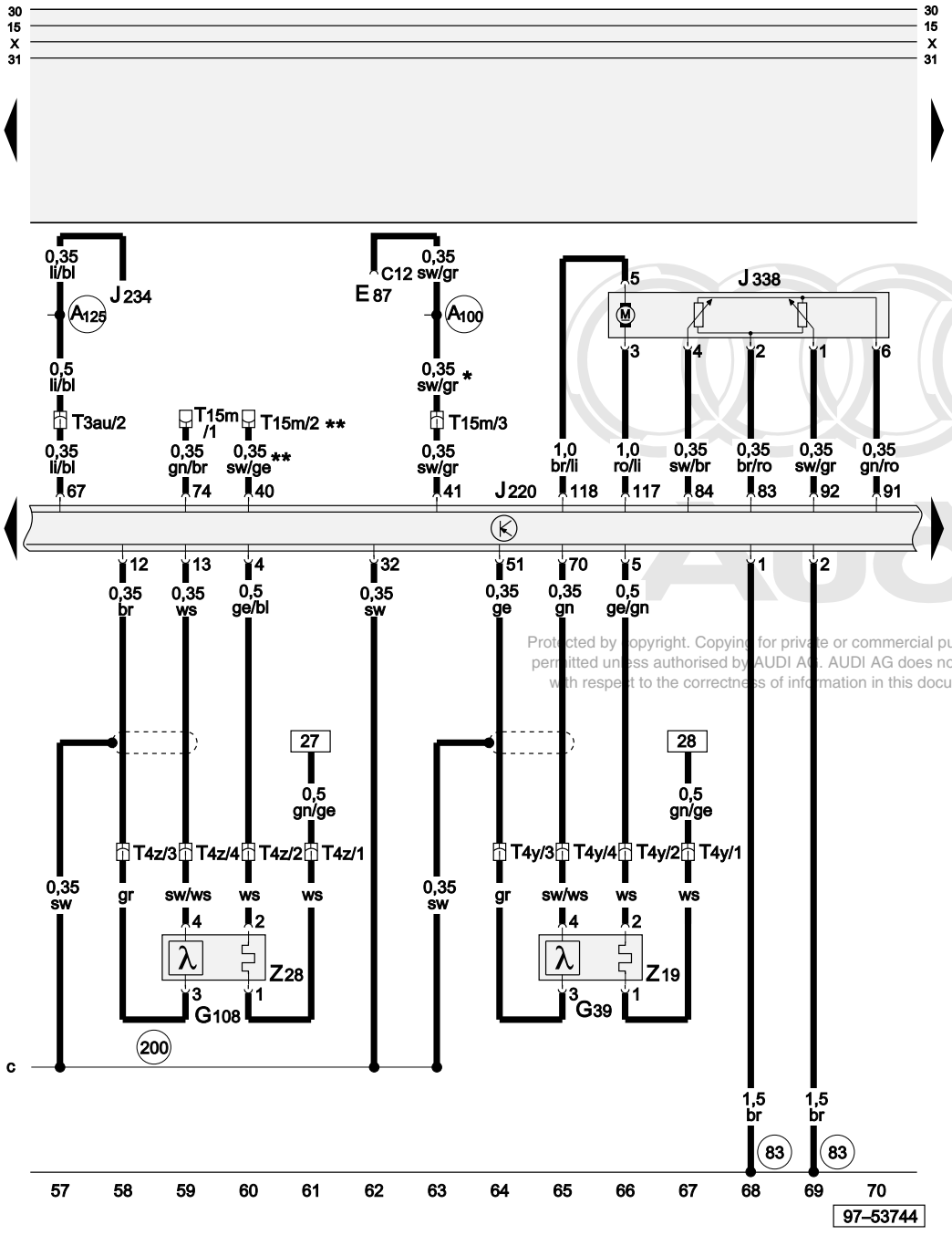


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Motronic control unit, lambda probe downstream of catalytic converter, lambda probe II downstream of catalytic converter

G130	Lambda probe downstream of catalytic converter
G131	Lambda probe II downstream of catalytic converter
J220	Motronic control unit
J299	Secondary air pump relay
S130	Secondary air pump fuse
T3aa	3-pin connector, white, connector point, electronics box, plenum chamber
T4w	4-pin connector, green, in engine compartment, right
T4x	4-pin connector, brown, in engine compartment, left
V101	Secondary air pump motor
Z29	Lambda probe 1 heater, downstream of catalytic converter
Z30	Lambda probe 2 heater, downstream of catalytic converter
12	Earth point, in engine compartment, left
200	Earth connection (screening), in engine compartment wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
*	Only applies to models with 2.7 litre engine, 280 kW, Motronic

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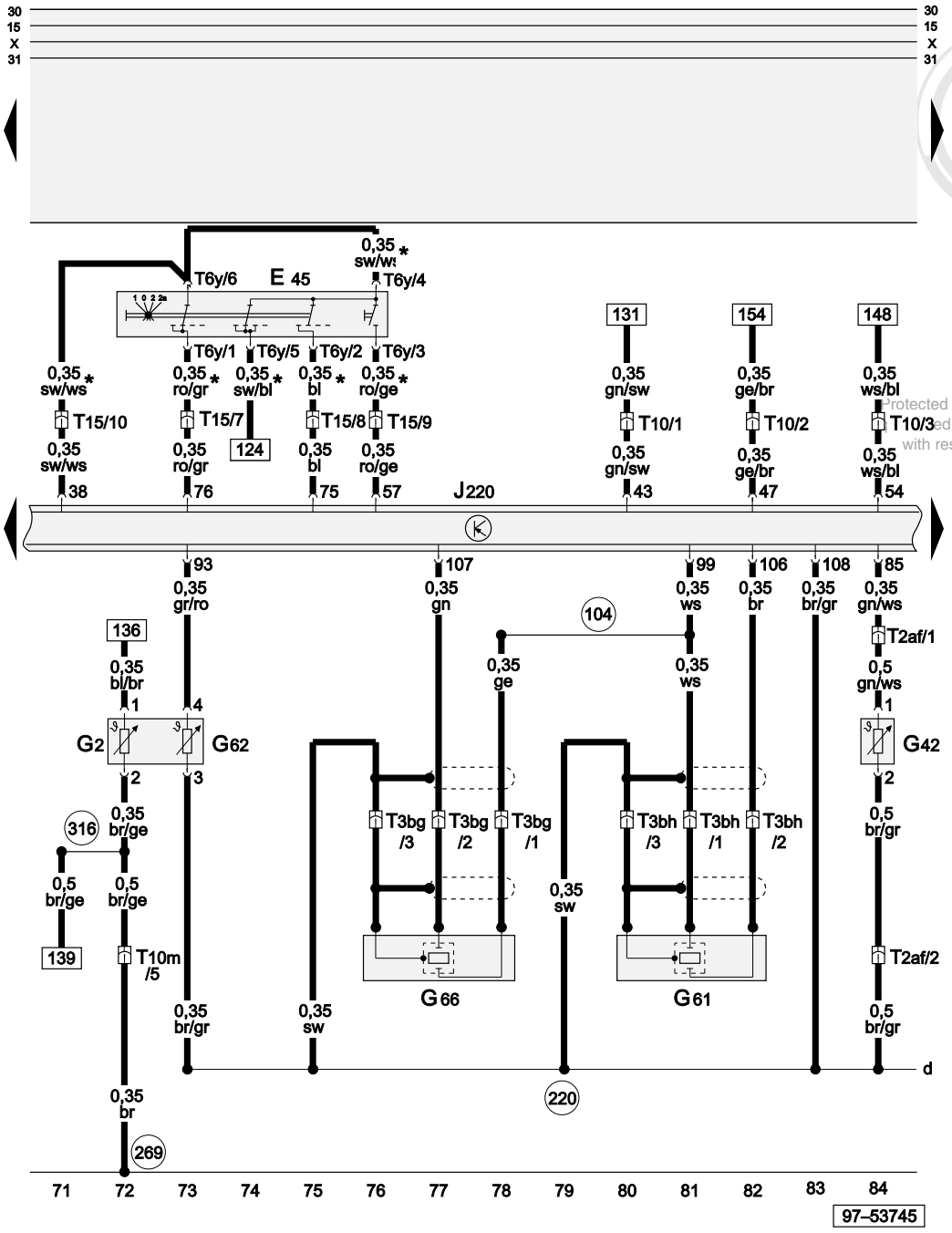


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Motronic control unit, lambda probe, lambda probe II, throttle valve control unit

E87	Control and display unit for air conditioner/Climatronic
G39	Lambda probe
G108	Lambda probe II
J220	Motronic control unit
J234	Airbag control unit
J338	Throttle valve control unit
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T4y	4-pin connector, black, in engine compartment, right
T4z	4-pin connector, black, in engine compartment, left
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
Z19	Lambda probe heater
Z28	Lambda probe 2 heater
83	Earth connection -1-, in front right wiring harness
200	Earth connection (screening), in engine compartment wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only models with air conditioner
**	Only applies to models with 2.7 litre engine, 195 kW, Motronic

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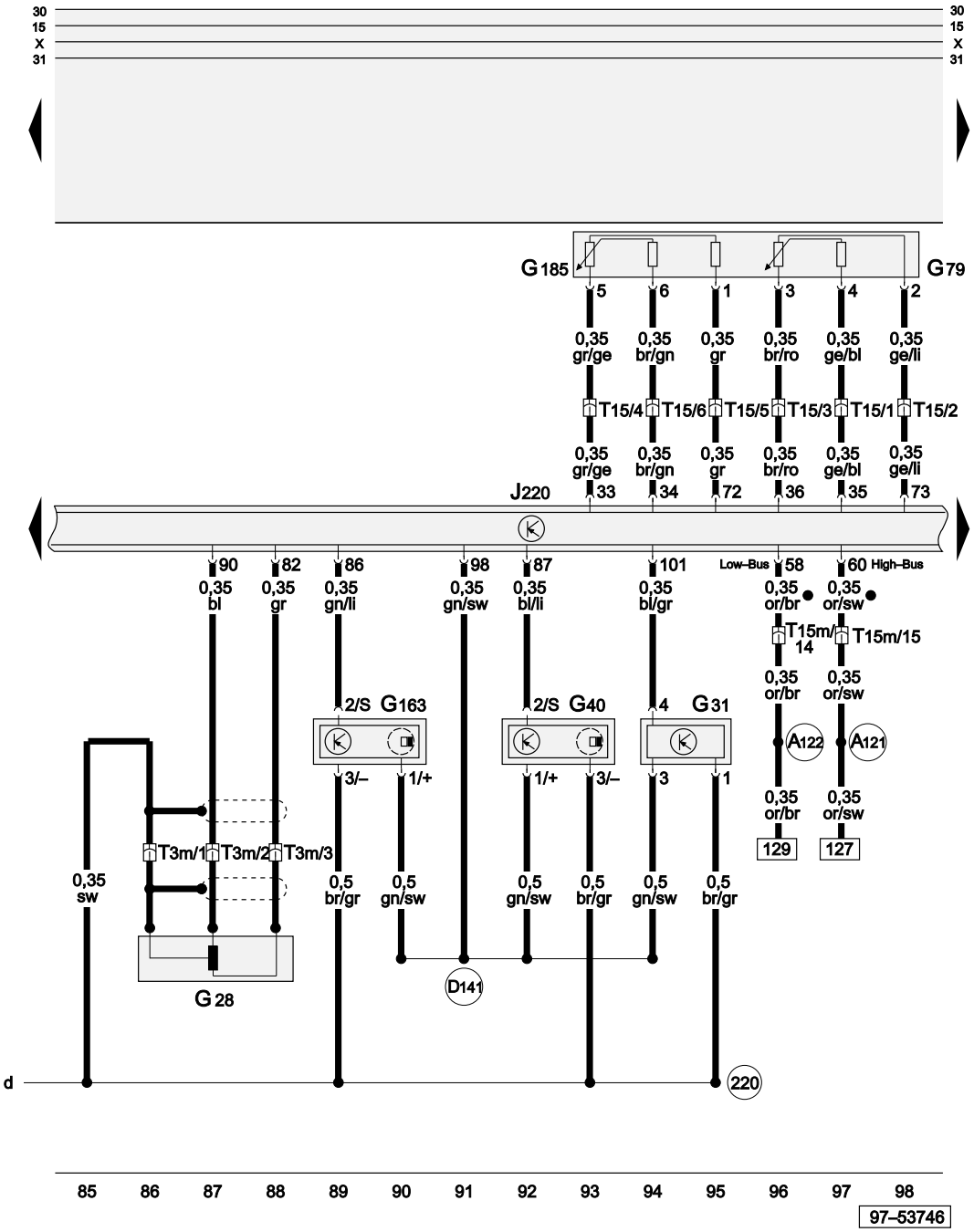


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Motronic control unit, coolant temperature senders, intake air temperature sender, knock sensors, cruise control system switch

E45	Cruise control system switch
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
T2af	2-pin connector, black, in engine compartment, right
T3bg	3-pin connector, brown, in engine compartment, left
T3bh	3-pin connector, brown, in engine compartment, right
T6y	6-pin connector, black, next to steering column
T10	10-pin connector, brown, connector point, electronics box, plenum chamber
T10m	10-pin connector, black, connector point, electronics box, plenum chamber
T15	15-pin connector, white, connector point, electronics box, plenum chamber
104	Earth connection in front right wiring harness (sensor earth)
220	Earth connection (sender earth), in engine wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
316	Earth connection (sender earth) -2-, in engine wiring harness
*	Only models with cruise control system

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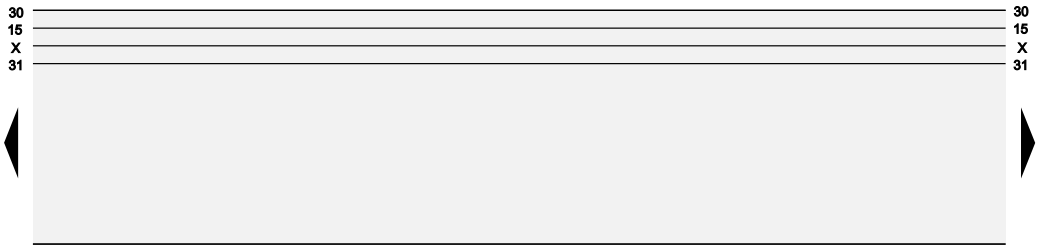


Motronic control unit, accelerator pedal position senders, charge air pressure sender, Hall senders, engine speed sender

G28	Engine speed sender
G31	Charge air pressure sender
G40	Hall sender
G79	Accelerator pedal position sender
G163	Hall sender 2
G185	Accelerator pedal position sender -2-
J220	Motronic control unit
T3m	3-pin connector, grey, in engine compartment, left
T15	15-pin connector, white, connector point, electronics box, plenum chamber
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
220	Earth connection (sender earth), in engine wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D141	Connection (5V), in engine prewiring wiring harness
•	CAN bus (data bus)

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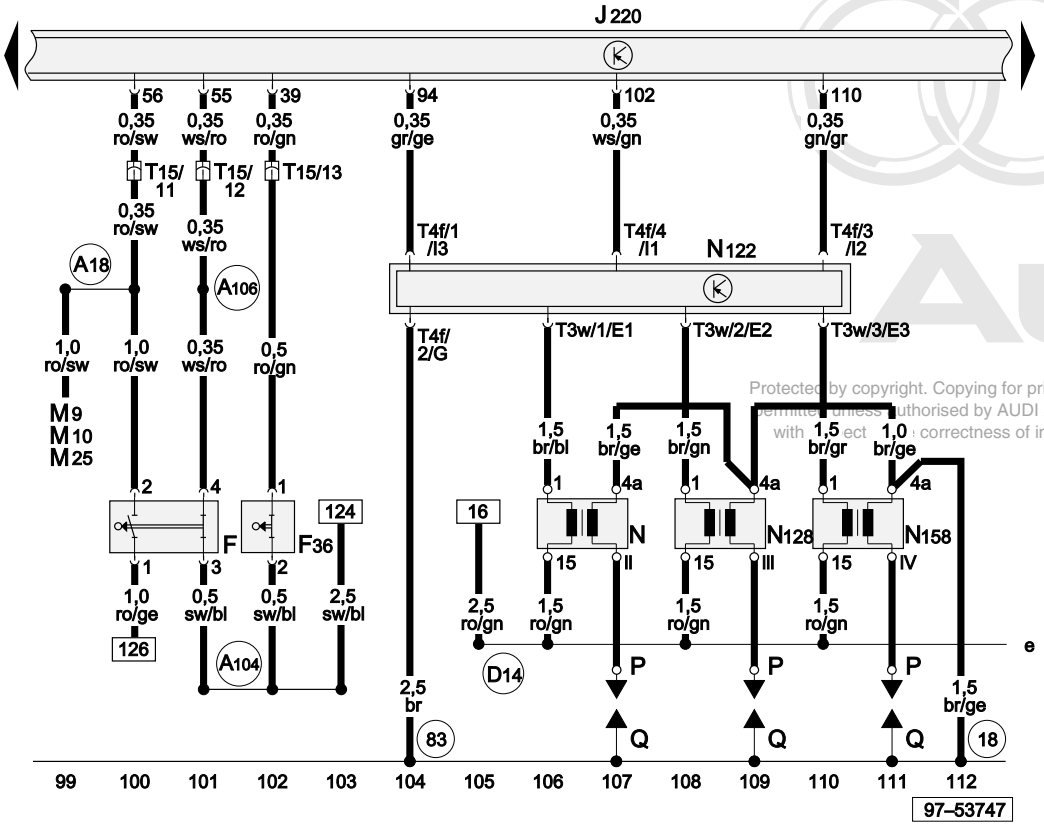
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Motronic control unit, clutch pedal switch, brake light switch, ignition coils, output stage

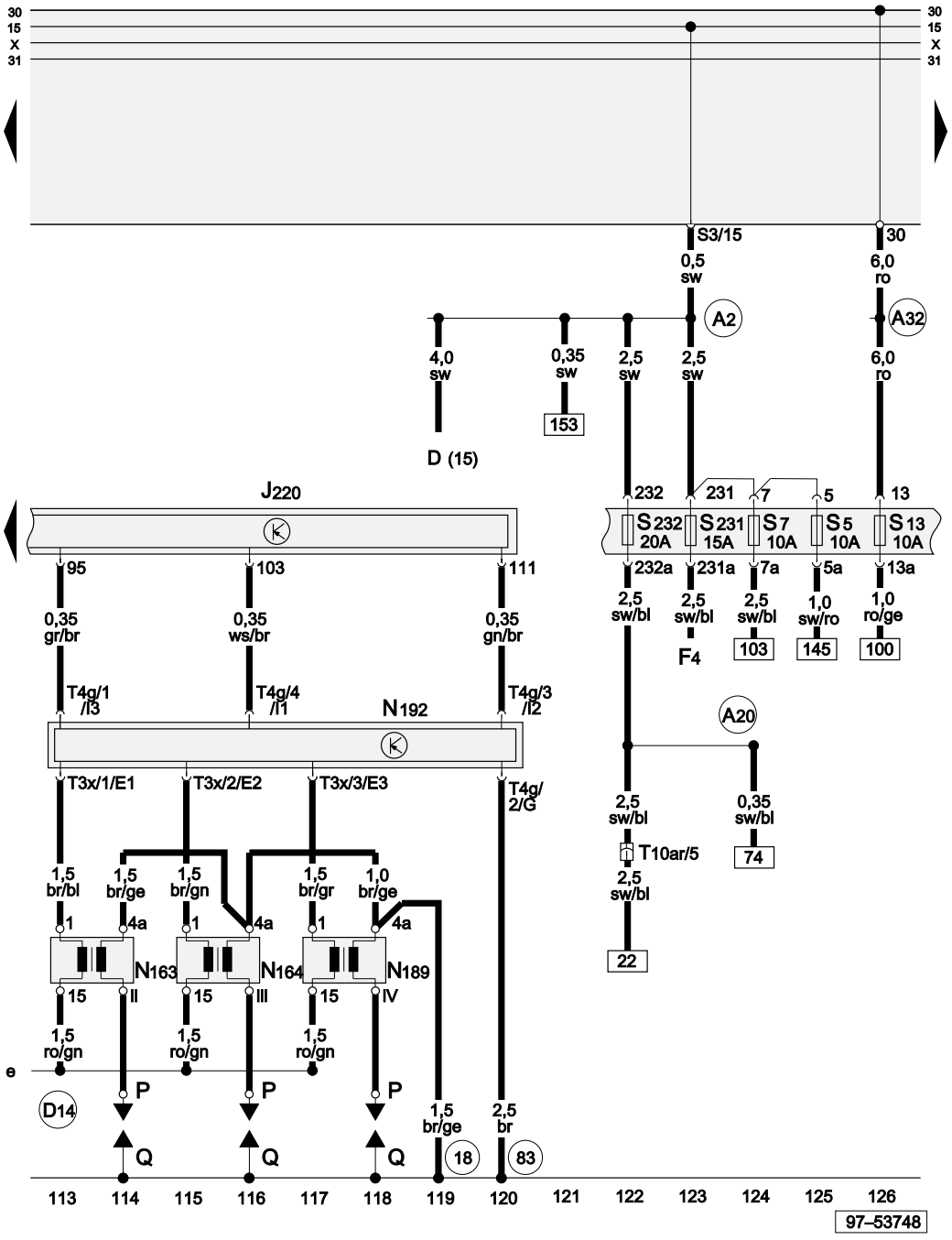
F	Brake light switch
F36	Clutch pedal switch
J220	Motronic control unit
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
N	Ignition coil
N122	Final output stage
N128	Ignition coil 2
N158	Ignition coil 3
P	Spark plug connector
Q	Spark plugs
T3w	3-pin connector, black, on output stage
T4af	4-pin connector, black, on output stage
T15	15-pin connector, white, connector point, electronics box, plenum chamber

18	Earth point, on cylinder block
83	Earth connection -1-, in front right wiring harness
A18	Connection (54), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
A106	Connection -2- (86s), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness



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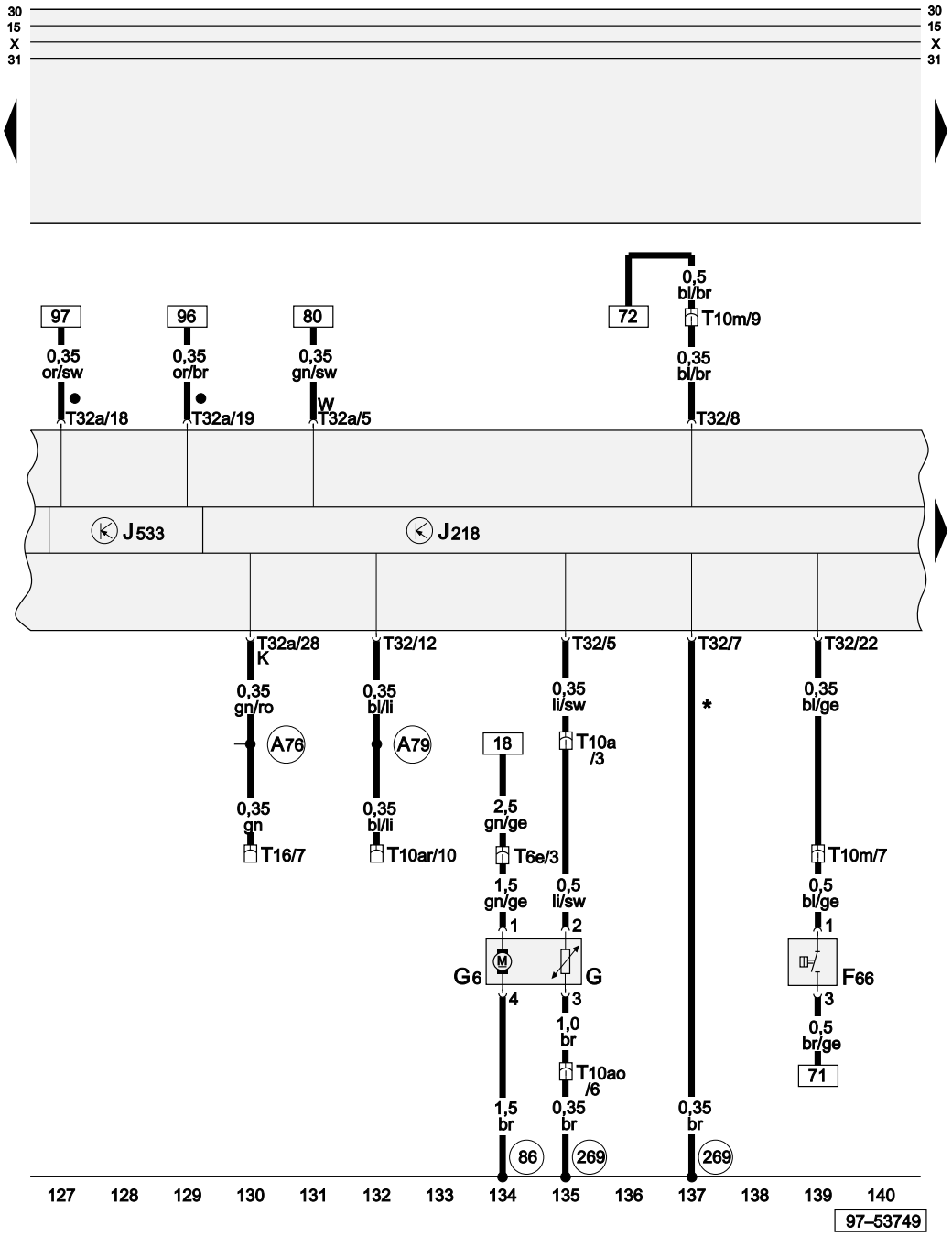


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Motronic control unit, ignition coils, output stage, fuses

D	Ignition/starter switch
F4	Reversing light switch
J220	Motronic control unit
N163	Ignition coil 4
N164	Ignition coil 5
N189	Ignition coil 6
N192	Final output stage 2
P	Spark plug connector
Q	Spark plugs
S5	Fuse in fuse box/relay plate
S7	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S231	Fuse in fuse box
S232	Fuse in fuse box
T3x	3-pin connector, brown, on output stage
T4g	4-pin connector, brown, on output stage
T10ar	10-pin connector, orange, 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
A20	Connection (15a), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
D14	Connection (ignition coil - control unit), in front right wiring harness

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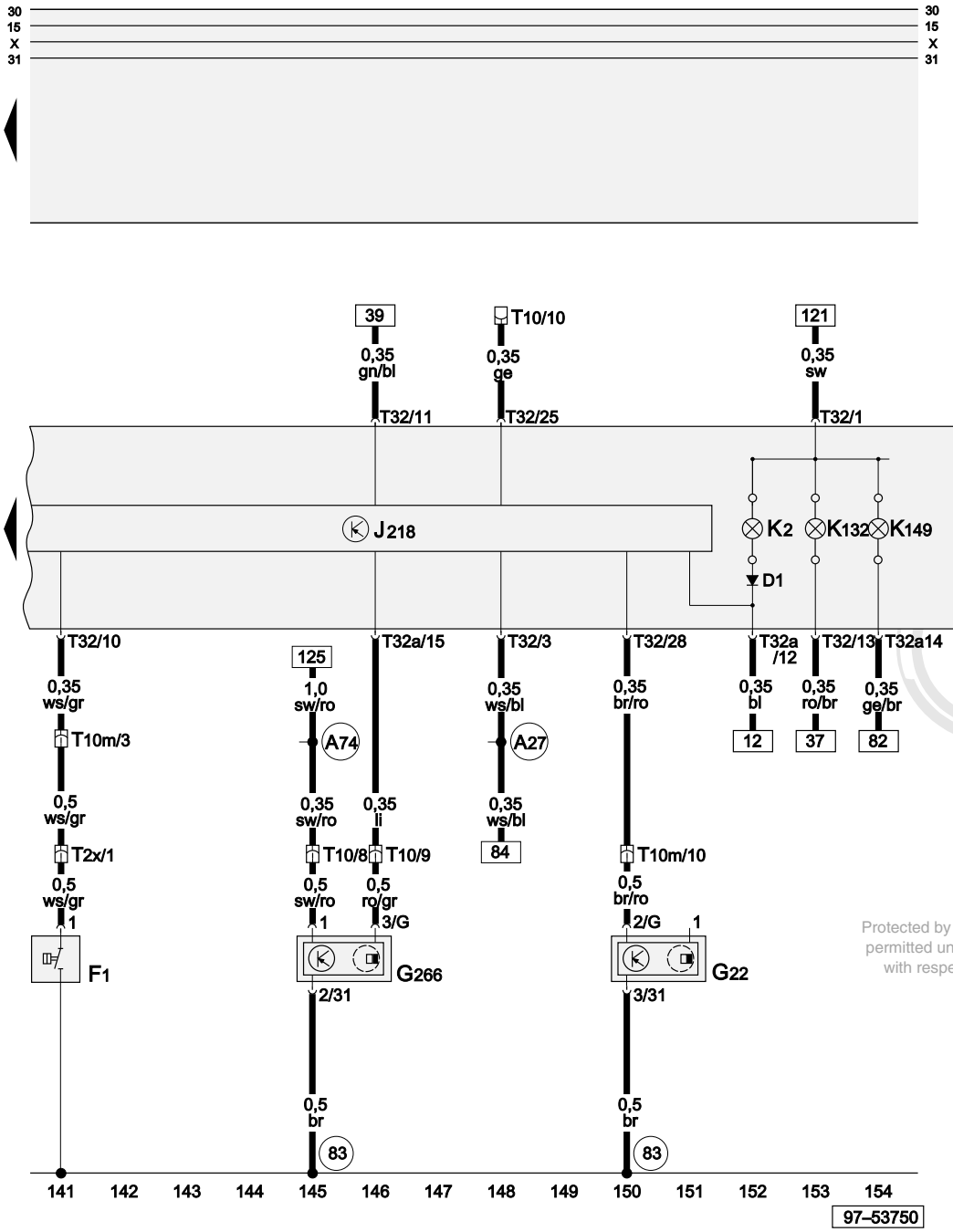


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Combi-processor in dash panel insert, fuel pump, diagnostic connector, coolant shortage indicator switch

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
J218	Combi-processor in dash panel insert
J533	Data bus diagnostic interface
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
T10ao	10-pin connector, white, left connector point, A pillar
T10ar	10-pin connector, orange, connector point, electronics box, plenum chamber
T16	16-pin connector, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
86	Earth connection -1-, in rear wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A79	Connection (hot light switch), in dash panel wiring harness
*	Output for signal earth
•	CAN bus (data bus)

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Combi-processor in dash panel insert, oil level/oil temperature sender, speedometer sender, oil pressure switch

F1	Oil pressure switch
G22	Speedometer sender (Hall sender, on gearbox)
G266	Oil level/oil temperature sender
J218	Combi-processor in dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
K149	Engine electronics warning lamp
T2x	2-pin connector, black, 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
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
83	Earth connection -1-, in front right wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness

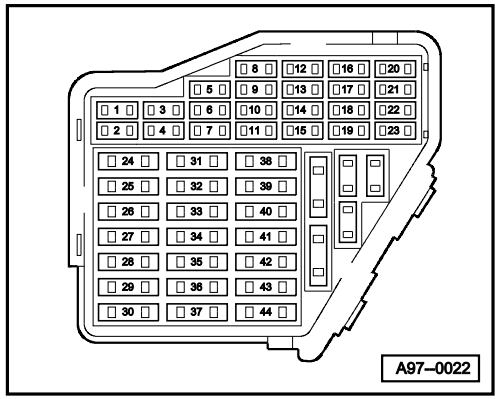
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CAN bus wires

From model year 2001

Fuse box:

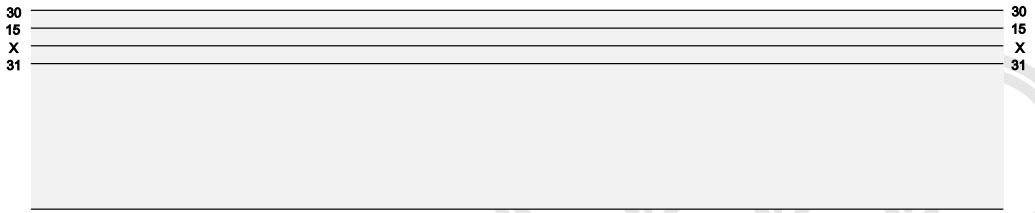


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

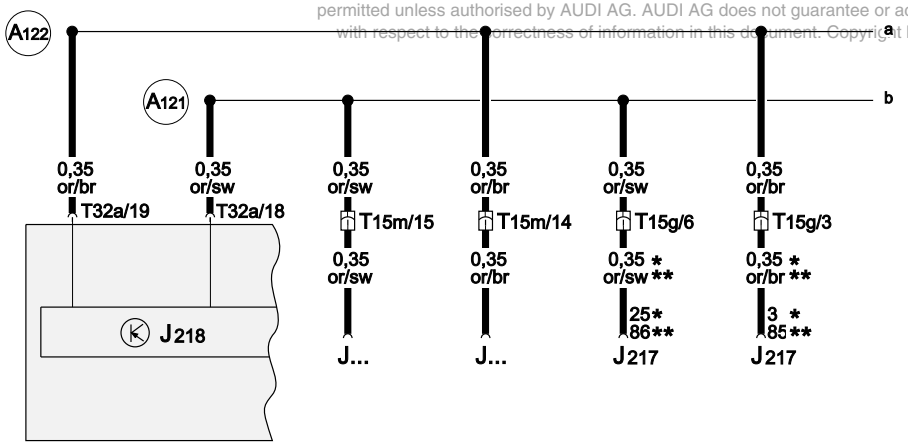
Fuse colours:

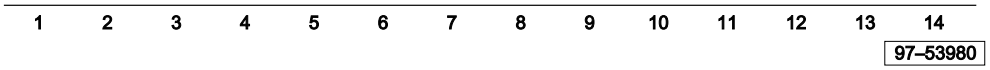
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5A - brown
5 A - beige
3 A - purple

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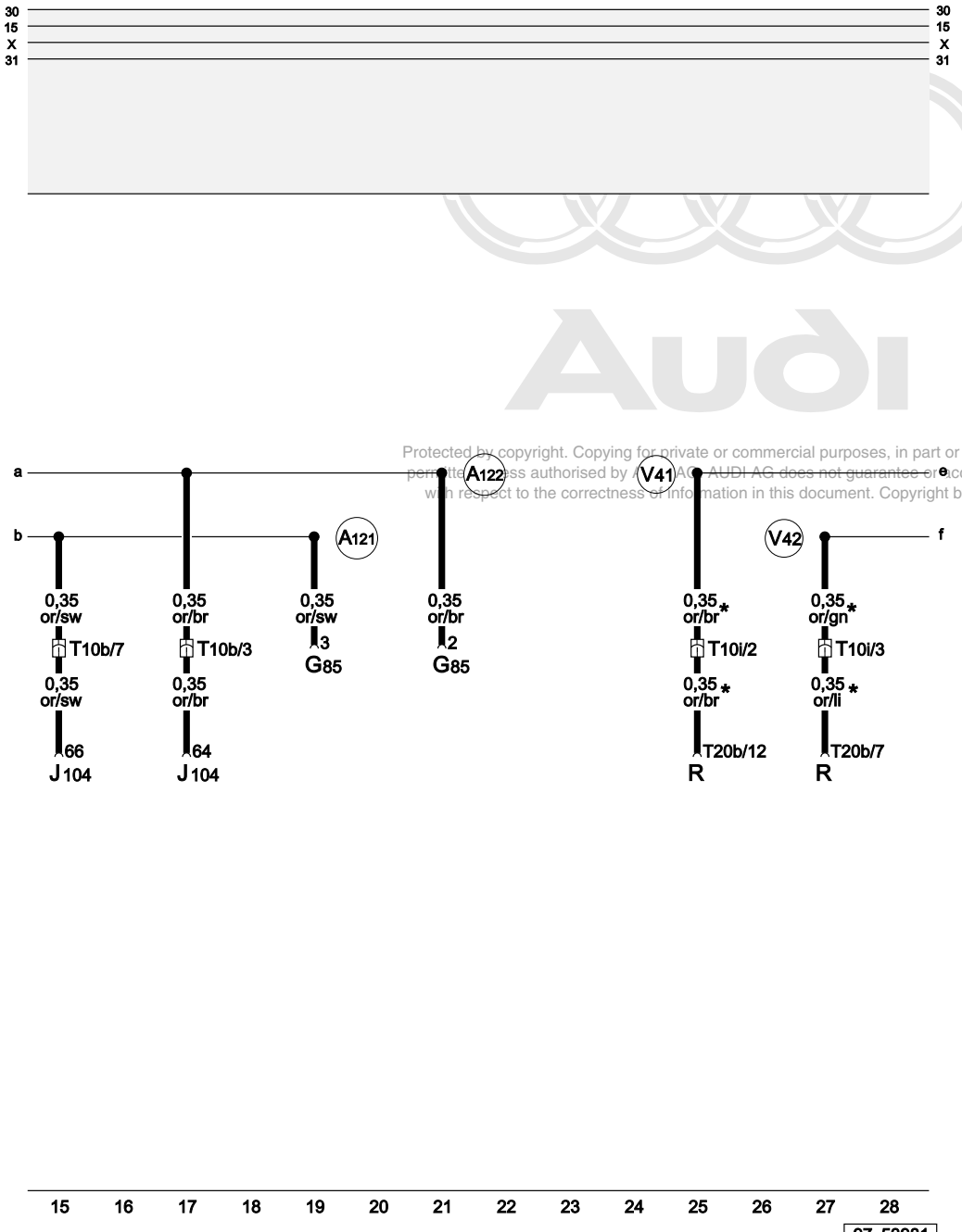


97–53980

CAN bus wires

J...	Engine control units
J217	Automatic gearbox control unit
J218	Combi-processor in dash panel insert
T15g	15-pin connector, brown, right connector point, A pillar
T15m	15-pin connector, red, connector point, electronics box, plenum chamber
T32a	32-pin connector, green, on dash panel insert
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only models with four-speed automatic gearbox (AG4)
**	Only models with five-speed automatic gearbox (AG5)

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

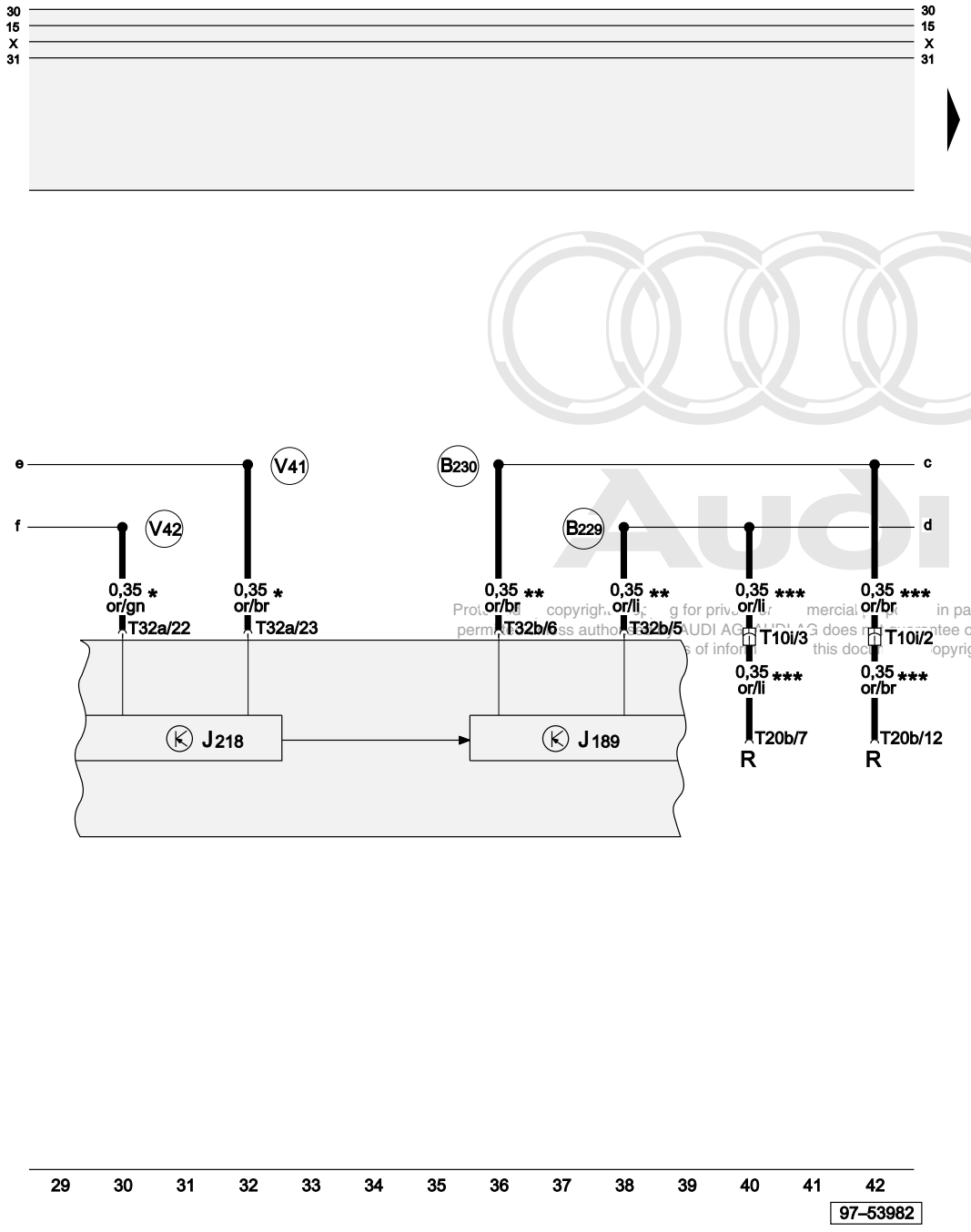


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CAN bus wires

G85	Steering angle sender
J104	ABS with EDL control unit
R	Radio
T10b	10-pin connector, orange, left connector point, A pillar
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
V41	Connection (high bus), in communication systems wiring harness
V42	Connection (low bus), in communication systems wiring harness
*	Only models with radio Symphony

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

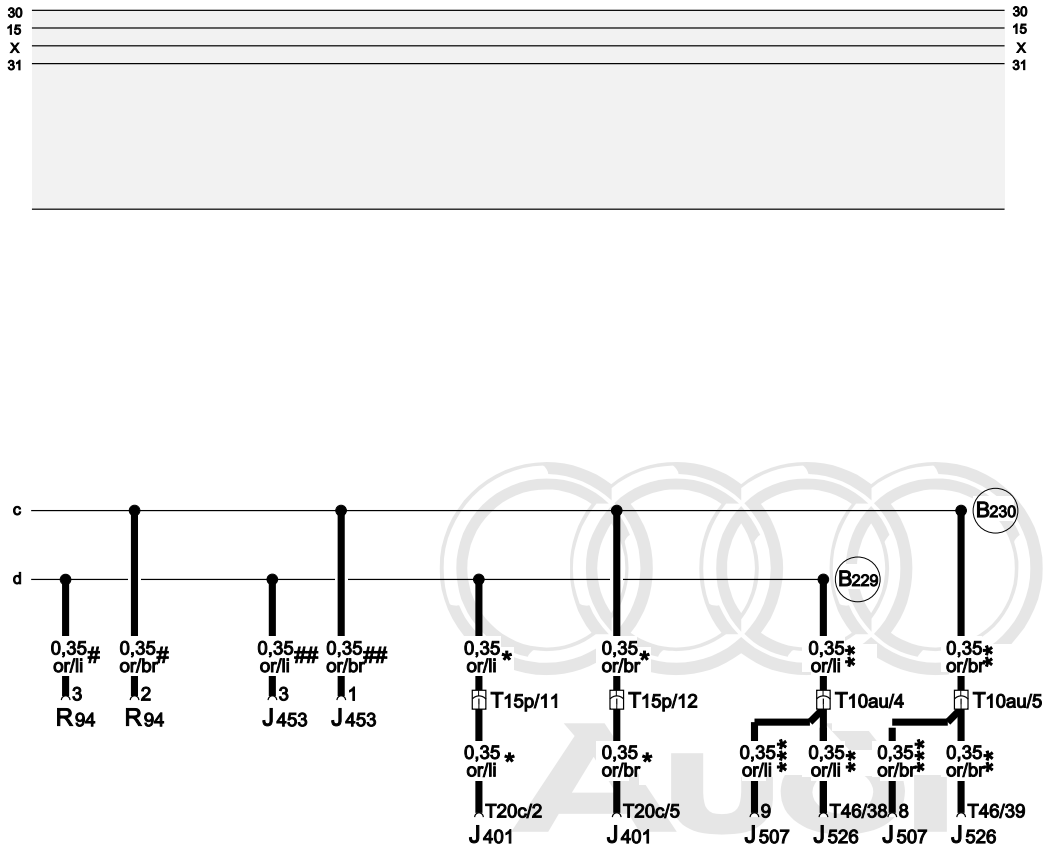


CAN bus wires

J189	Auto-check system
J218	Combi-processor in dash panel insert
R	Radio
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
V41	Connection (high bus), in communication systems wiring harness
V42	Connection (low bus), in communication systems wiring harness
*	Only models without multi-function display
**	Only models with multi-function display
***	Only models with radio Symphony

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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CAN bus wires

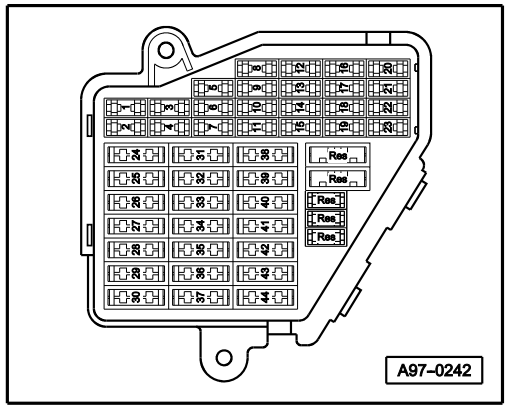
J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
J507	Control unit for voice control
J526	Telephone/telematics control unit
R94	Navigation interface
T10au	10-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20c	20-pin connector, black, on navigation control unit
T46	46-pin connector, black, on telephone/telematics control unit
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with navigation system
**	Only models with telematics
***	Only models with telematics and voice control
#	Only models with radio navigation system
##	Only models with multi-function steering wheel and telematics

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

Telematics with voice control

From model year 2002

Fuse box

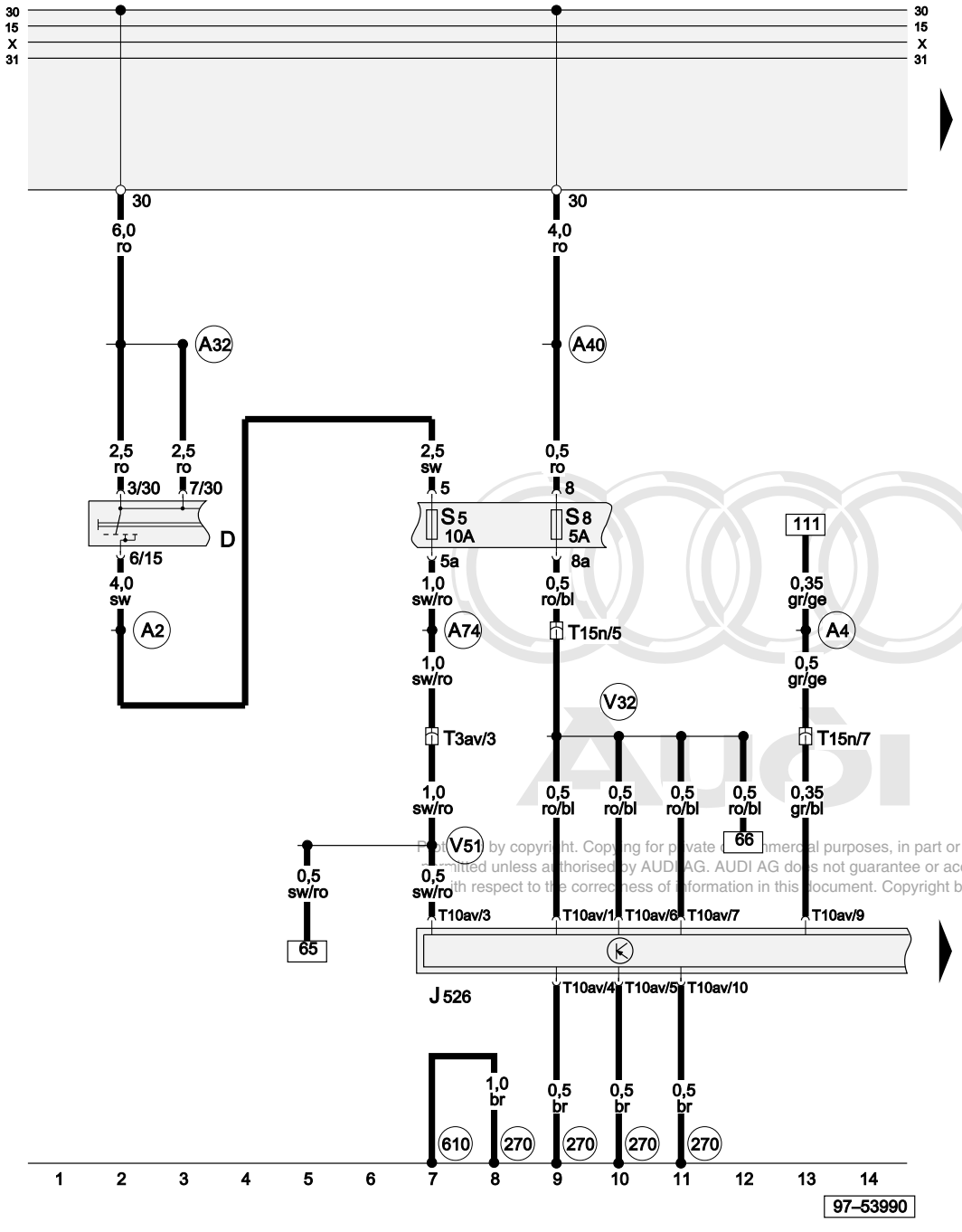


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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Fuse colours

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



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

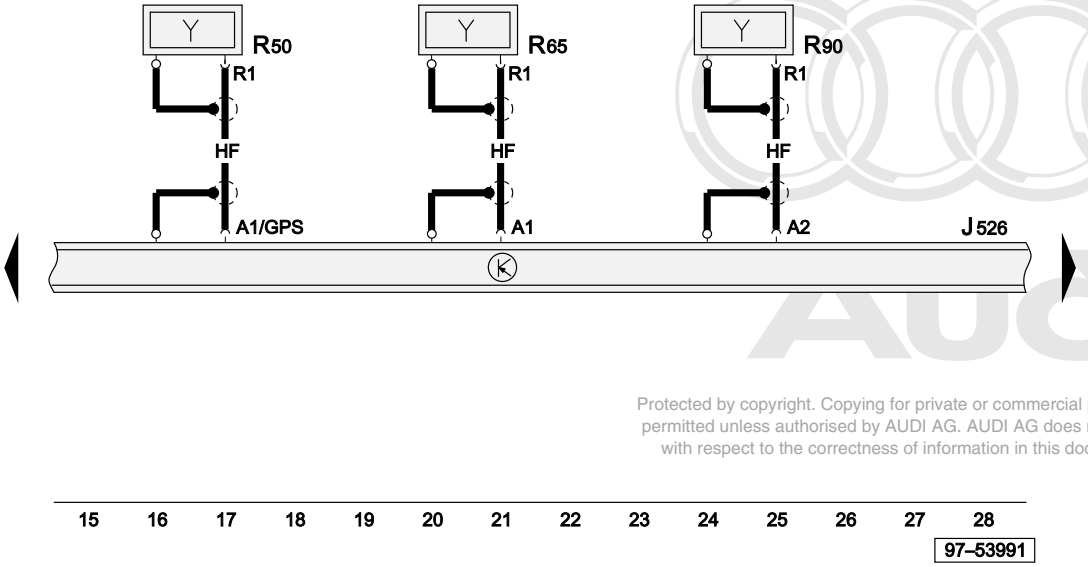
Telephone/telematics control unit, ignition/starter switch, fuses, earth connections

D	Ignition/starter switch
J526	Telephone/telematics control unit
S5	Fuse in fuse box/relay plate
S8	Fuse in fuse box/relay plate
T3av	3-pin connector, brown, in centre console
T10av	10-pin connector, on telephone/telematics control unit
T15n	15-pin connector, brown, in centre console
270	Earth connection, in telephone wiring harness
610	Earth point (audio), below centre console, front
A2	Positive (+) connection (15), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
V32	Positive (+) connection (30), in telephone wiring harness
V51	Positive (+) connection (15a), in telephone wiring harness



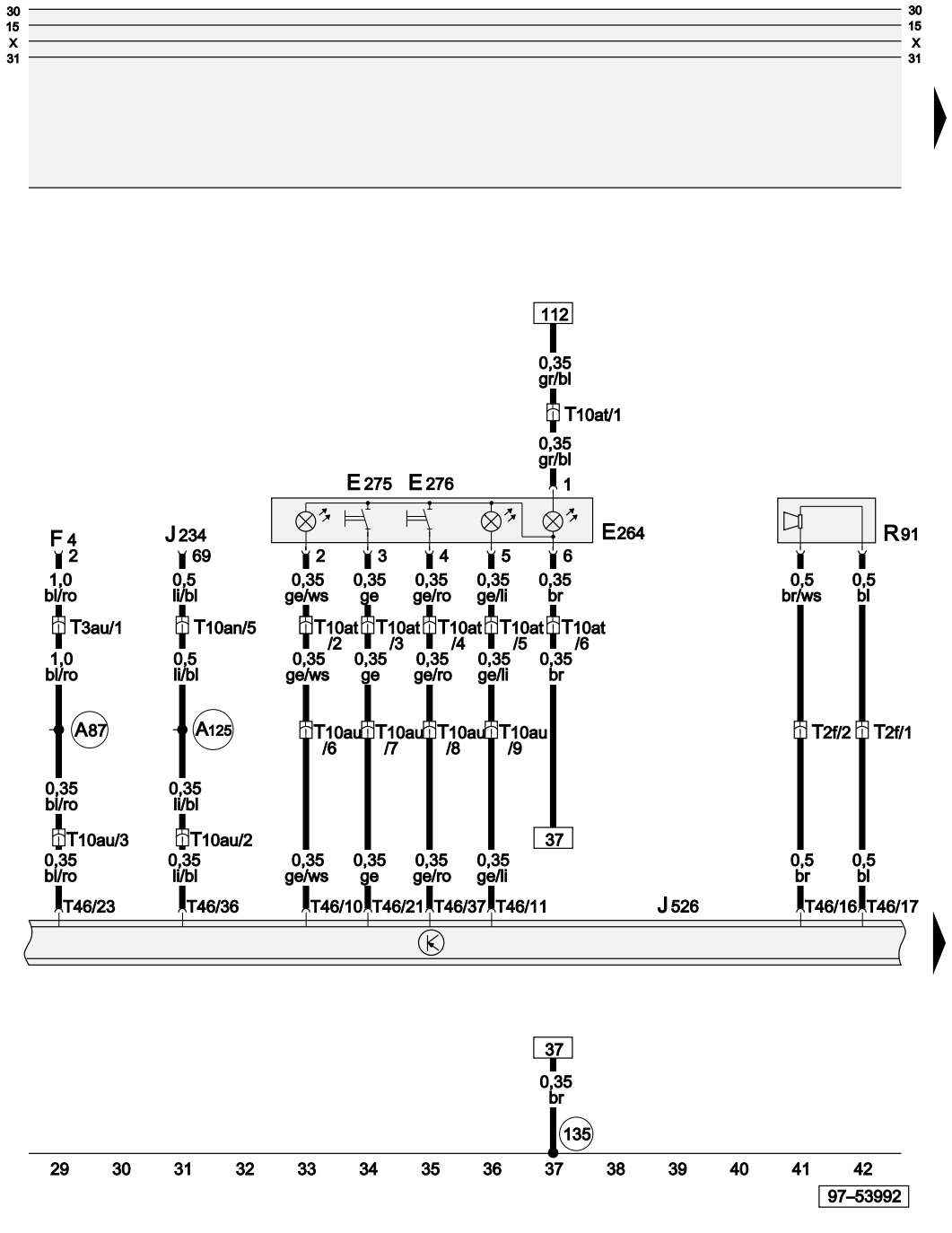
Telephone/telematics control unit, aerials

J526 Telephone/telematics control unit
R50 Navigation aerial (GPS)
R65 Telephone aerial
R90 Additional aerial for telematics



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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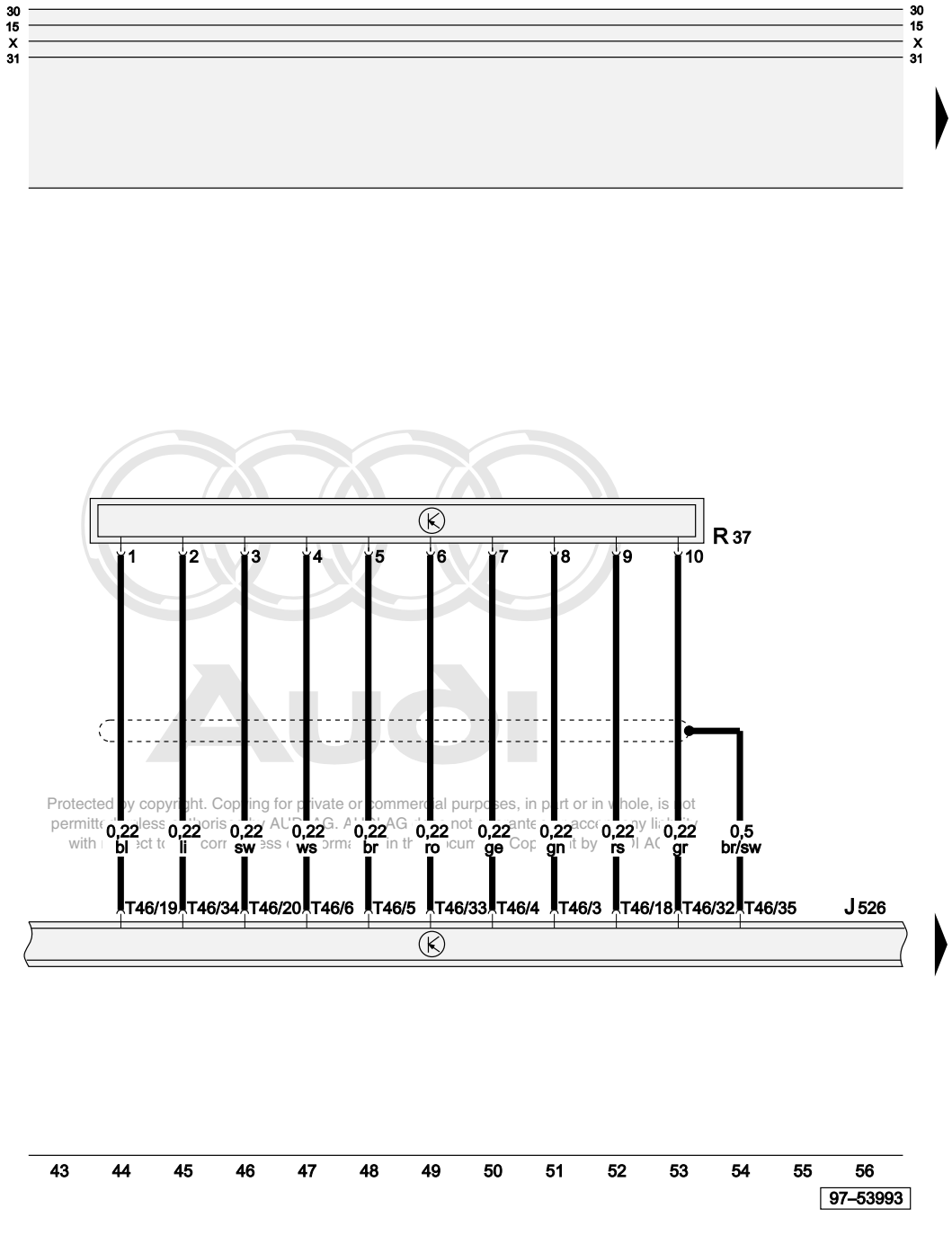


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Telephone/telematics control unit, telematics operating unit, additional loudspeaker for telematics

E264	Telematics operating unit
E275	Breakdown help button
E276	Emergency call button
E331	End of conversation button, telematics (USA)
F4	Reversing light switch
J234	Airbag control unit
J526	Telephone/telematics control unit
R91	Additional loudspeaker for telematics
T2f	2-pin connector, black, on additional loudspeaker for telematics
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10an	10-pin connector, yellow, right connector point, A pillar
T10at	10-pin connector, red, right connector point, A pillar
T10au	10-pin connector, brown, in centre console
T46	46-pin connector, black, on telephone/telematics control unit
135	Earth connection -2-, in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness

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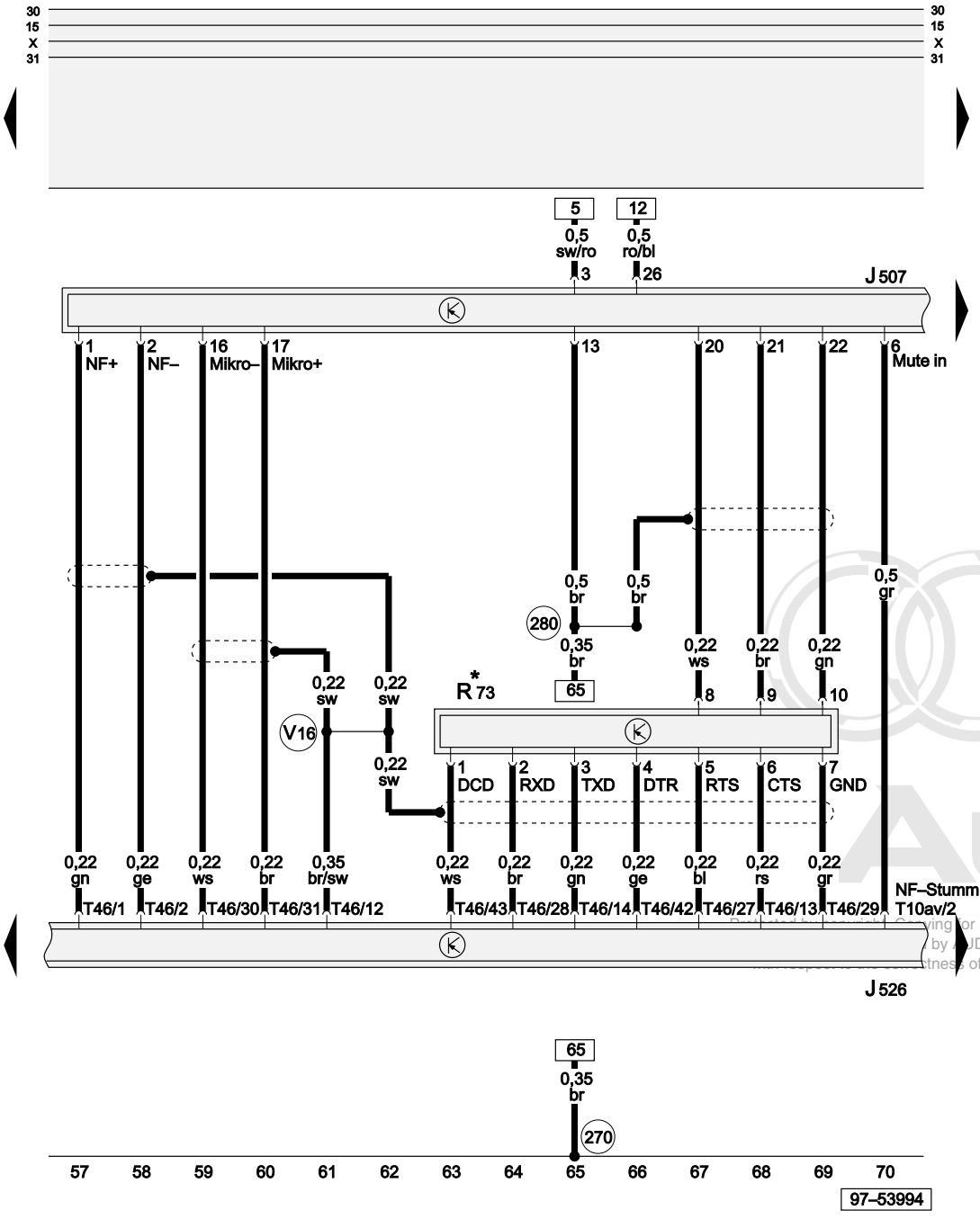


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Telephone/telematics control unit, telephone handset

J526 Telephone/telematics control unit
R37 Telephone handset
T46 46-pin connector, black, on telephone/telematics control unit

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

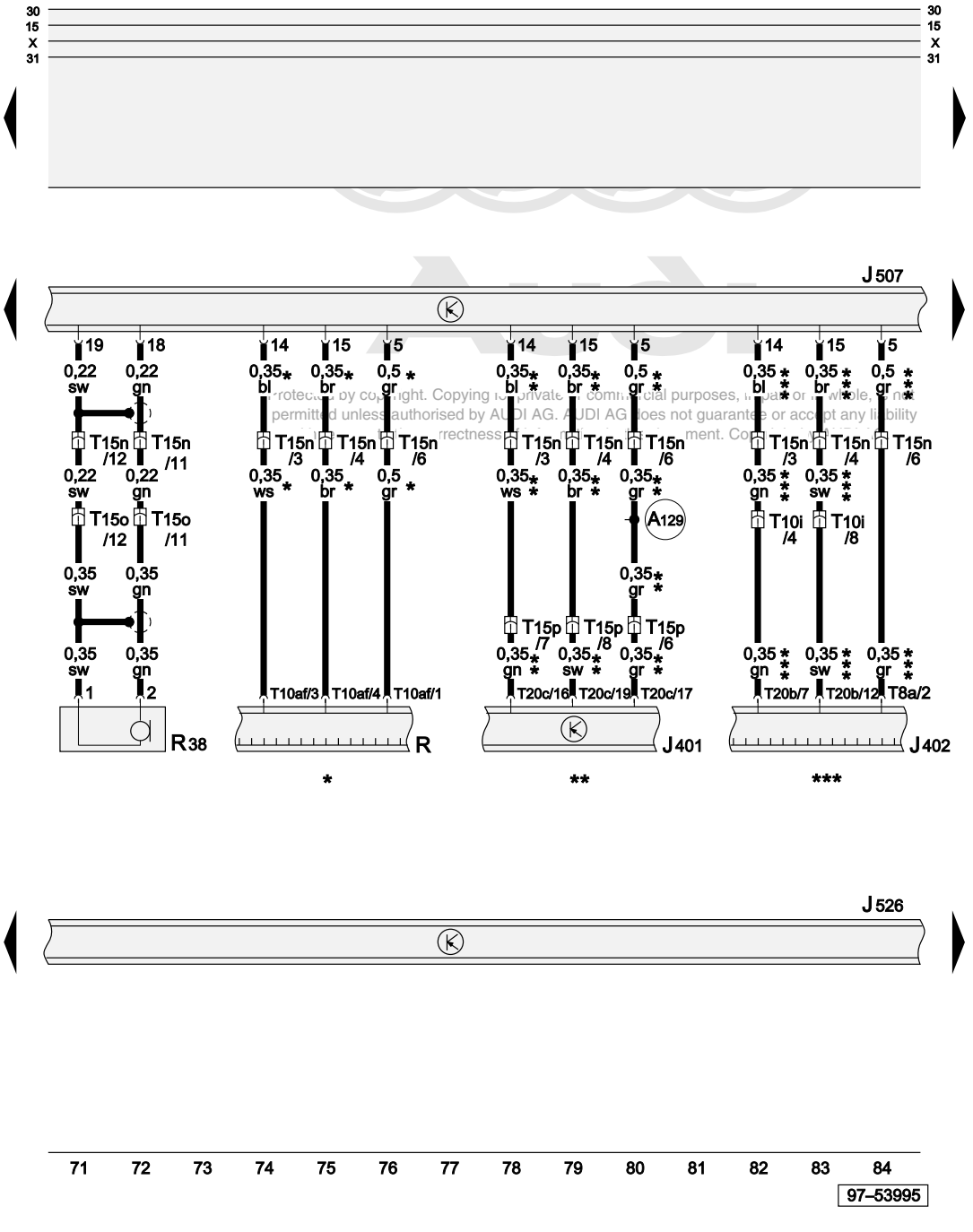


Telephone/telematics control unit, control unit for voice control, fax unit

J507	Control unit for voice control
J526	Telephone/telematics control unit
R73	Fax unit
T10av	10-pin connector, on telephone/telematics control unit
T46	46-pin connector, black, on telephone/telematics control unit
270	Earth connection, in telephone wiring harness
280	Earth connection, in communication systems wiring harness
V16	Connection (screening), in telephone wiring harness
*	Optional equipment

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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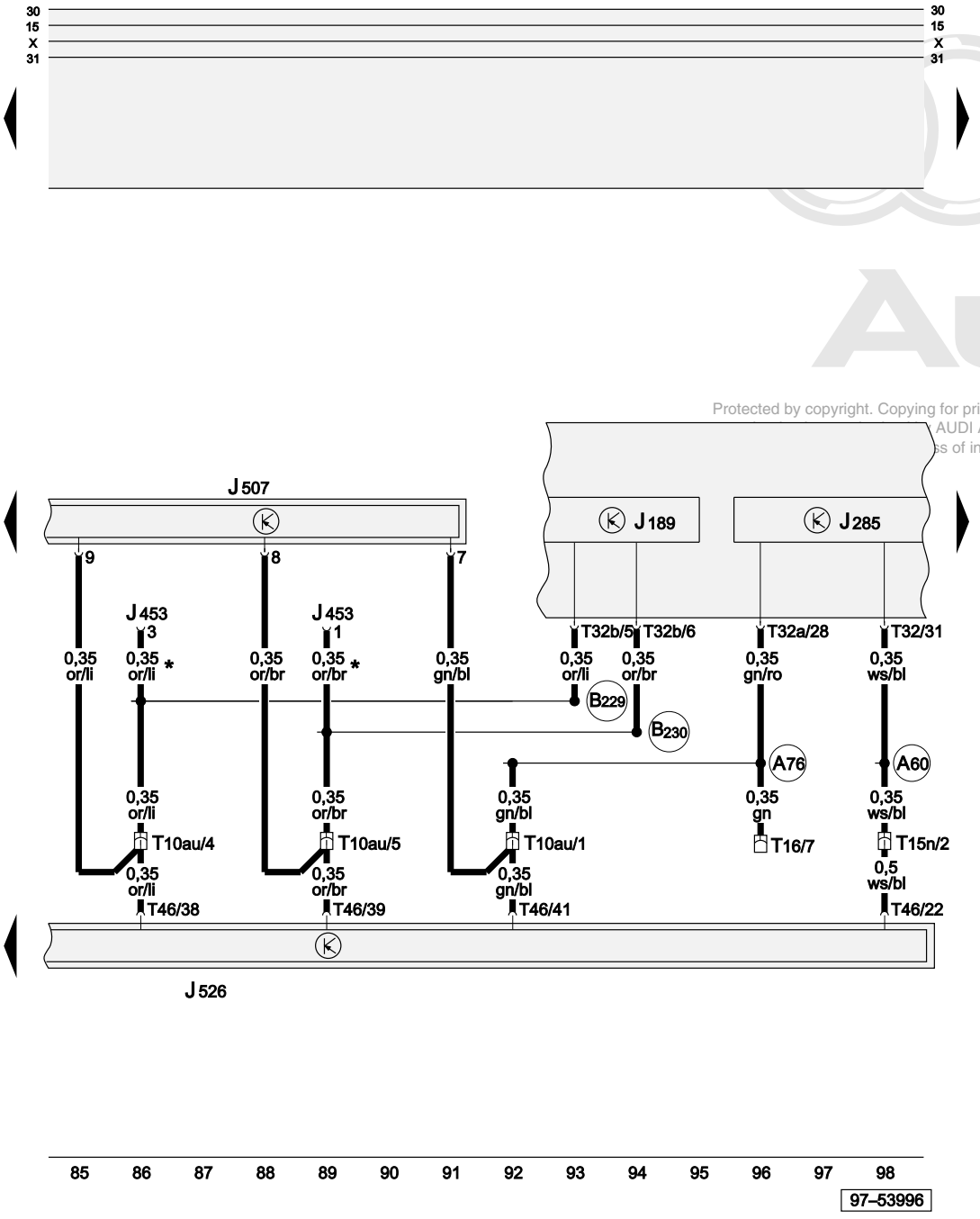


Telephone/telematics control unit, control unit for voice control, telephone microphone

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
J507	Control unit for voice control
J526	Telephone/telematics control unit
R	Radio
R38	Telephone microphone
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15o	15-pin connector, grey, left connector point, A pillar
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T20c	20-pin connector, black, on navigation control unit
A129	Connection (muting), in dash panel wiring harness
*	Only models with radio
**	Only models with navigation system
***	Only models with radio navigation 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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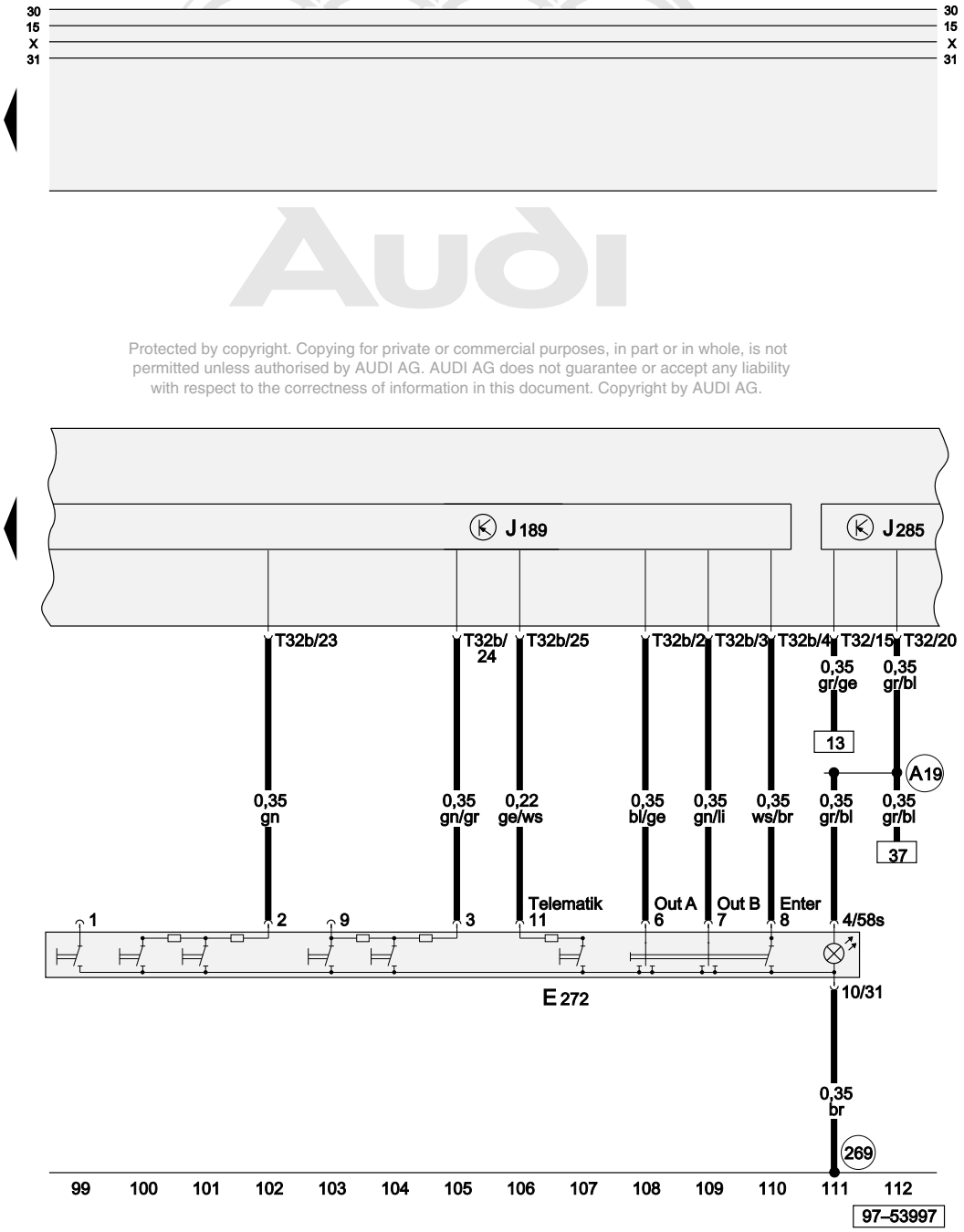


Telephone/telematics control unit, control unit for voice control, control unit with display in dash panel insert, CAN bus, diagnostic connector

J189	Auto-check system
J285	Control unit with display in dash panel insert
J453	Multi-function steering wheel control unit
J507	Control unit for voice control
J526	Telephone/telematics control unit
T10au	10-pin connector, brown, in centre console
T15n	15-pin connector, brown, in centre console
T16	16-pin connector, black, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
T46	46-pin connector, black, on telephone/telematics control unit
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with multi-function steering wheel and telematics

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



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Function selection switch II, auto-check system

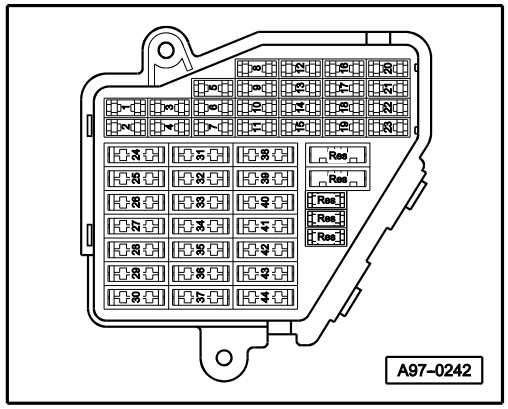
E272	Function selection switch II
J189	Auto-check system
J285	Control unit with display in dash panel insert
T32	32-pin connector, blue, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A19	Connection (58d), in 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

Telematics without voice control

From model year 2002

Fuse box

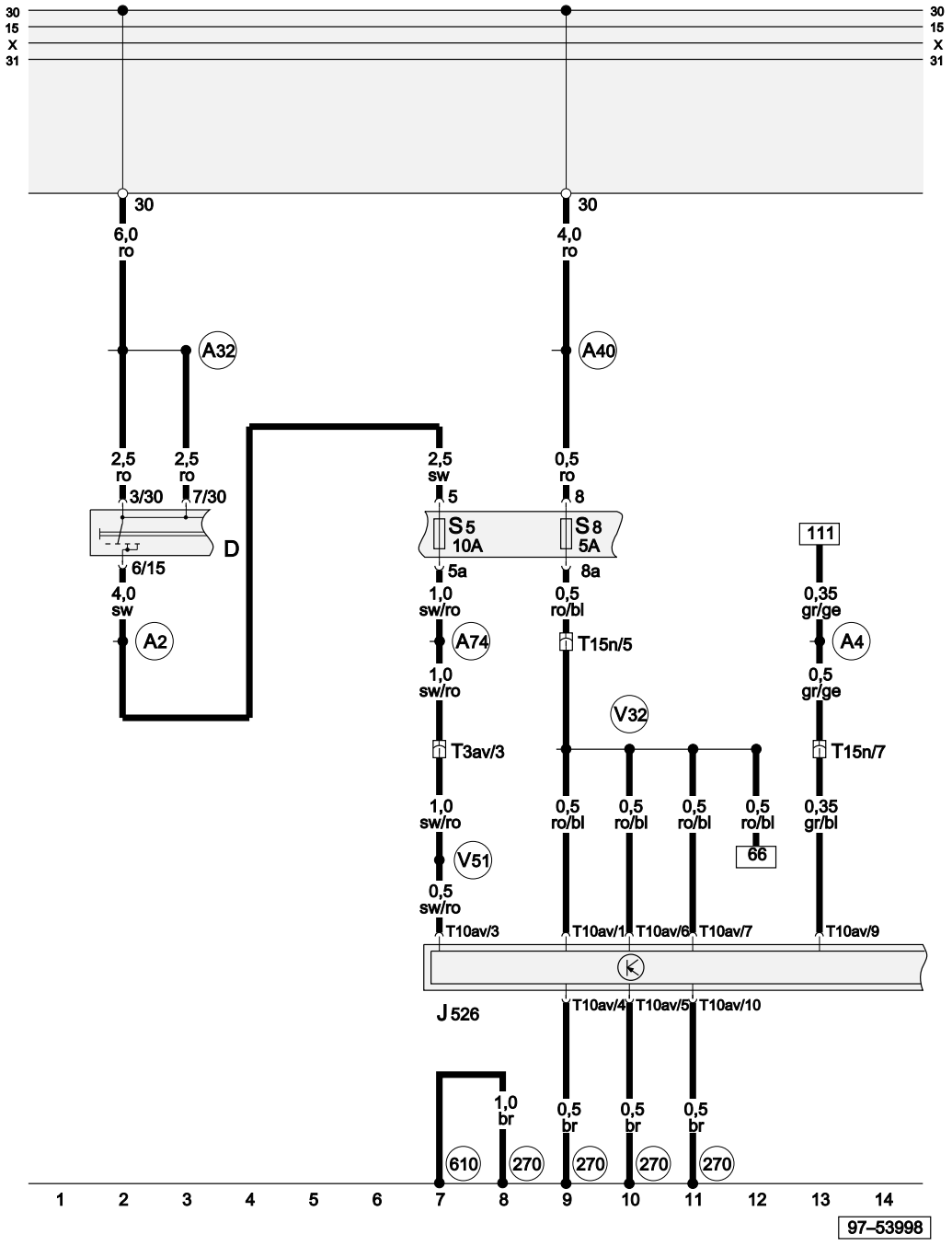


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From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours

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

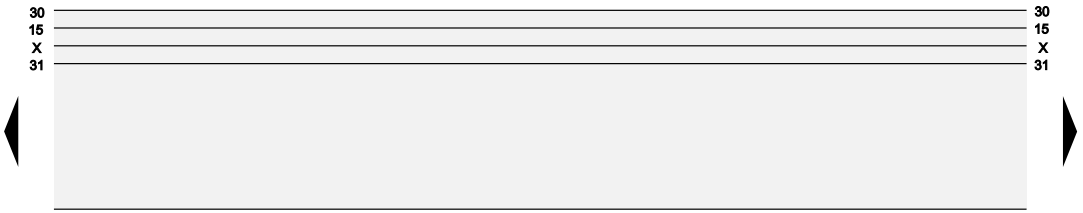


Telephone/telematics control unit, ignition/starter switch, fuses, earth connections

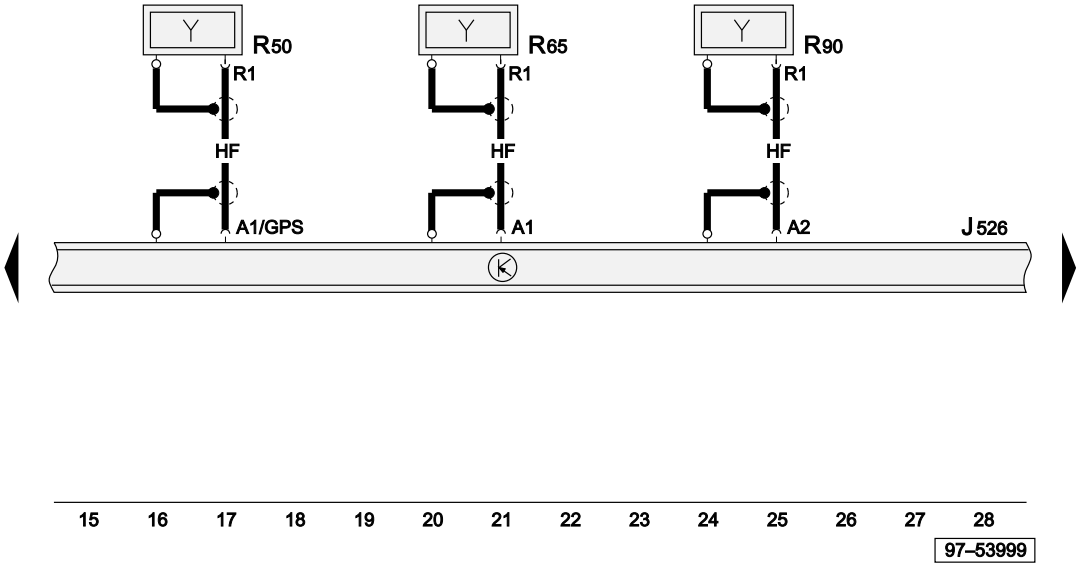
D	Ignition/starter switch
J526	Telephone/telematics control unit
S5	Fuse in fuse box/relay plate
S8	Fuse in fuse box/relay plate
T3av	3-pin connector, brown, in centre console
T10av	10-pin connector, on telephone/telematics control unit
T15n	15-pin connector, brown, in centre console
270	Earth connection, in telephone wiring harness
610	Earth point (audio), below centre console, front
A2	Positive (+) connection (15), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A40	Positive (+) connection -1- (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
V32	Positive (+) connection (30), in telephone wiring harness
V51	Positive (+) connection (15a), in telephone 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



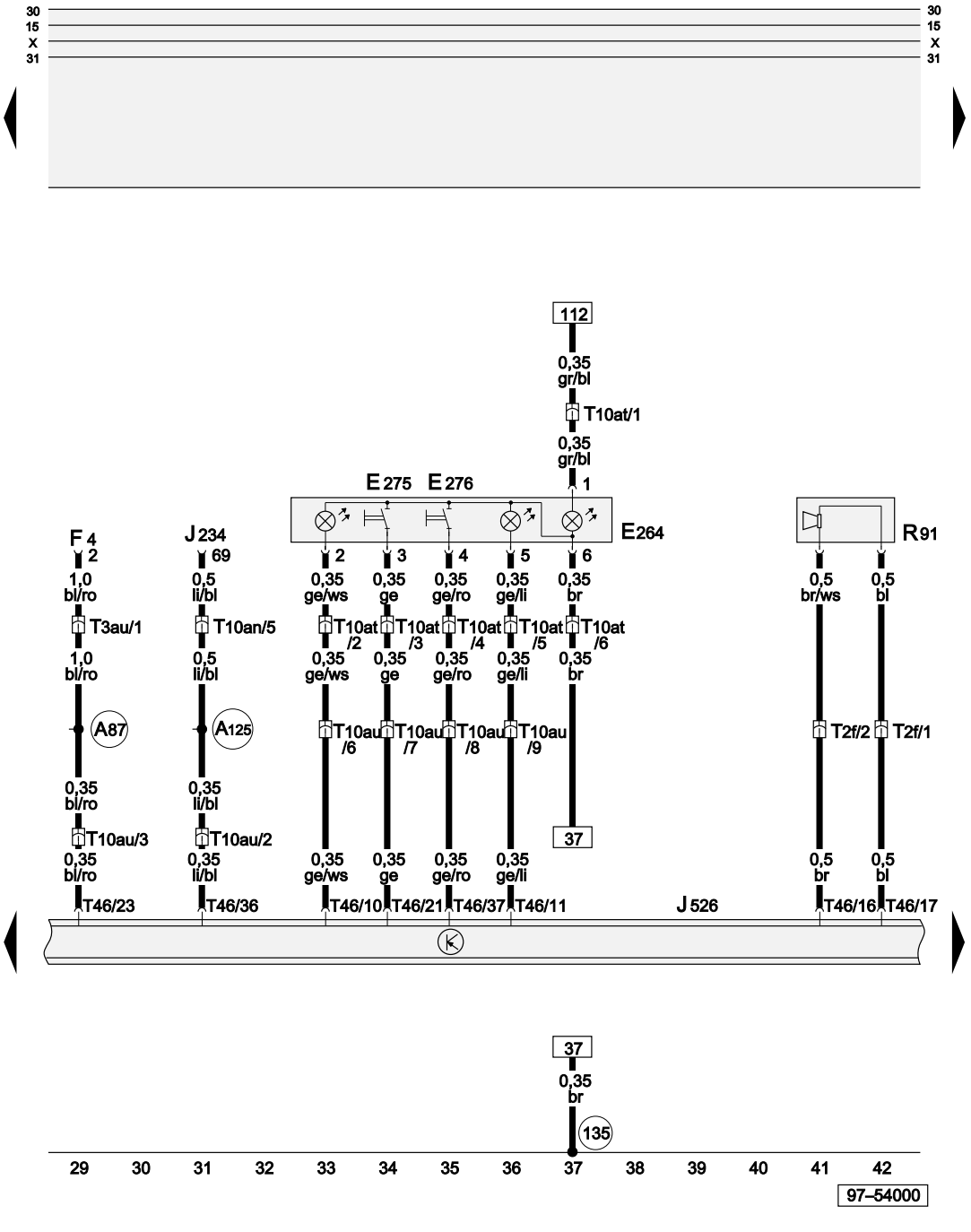
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Telephone/telematics control unit, aerials

J526	Telephone/telematics control unit
R50	Navigation aerial (GPS)
R65	Telephone aerial
R90	Additional aerial for telematics

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

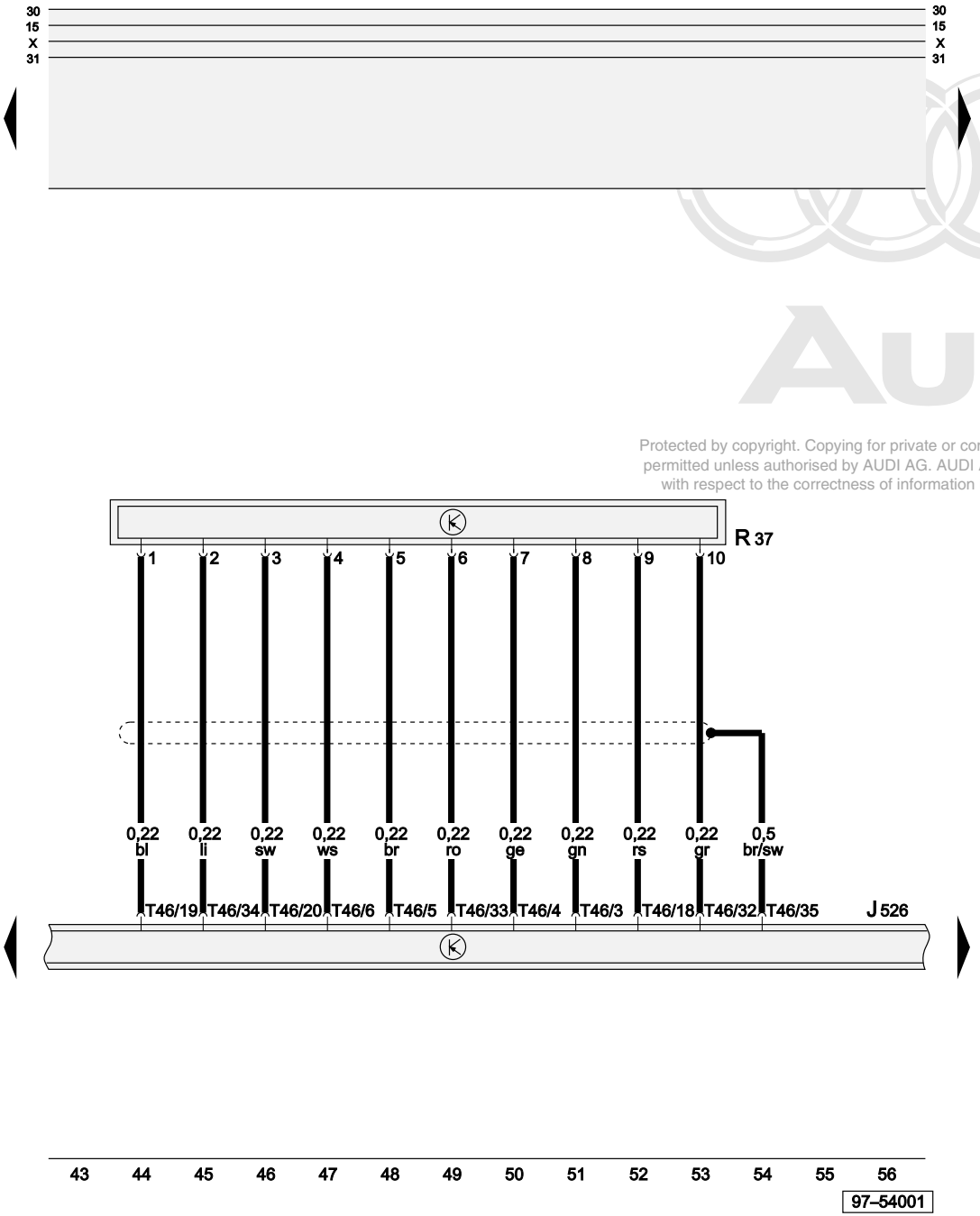


Telephone/telematics control unit, telematics operating unit, additional loudspeaker for telematics

E264	Telematics operating unit
E275	Breakdown help button
E276	Emergency call button
F4	Reversing light switch
J234	Airbag control unit
J526	Telephone/telematics control unit
R91	Additional loudspeaker for telematics
T2f	2-pin connector, black, on additional loudspeaker for telematics
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T10an	10-pin connector, yellow, right connector point, A pillar
T10at	10-pin connector, red, right connector point, A pillar
T10au	10-pin connector, brown, in centre console
T46	46-pin connector, black, on telephone/telematics control unit
135	Earth connection -2-, in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A125	Connection (crash 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

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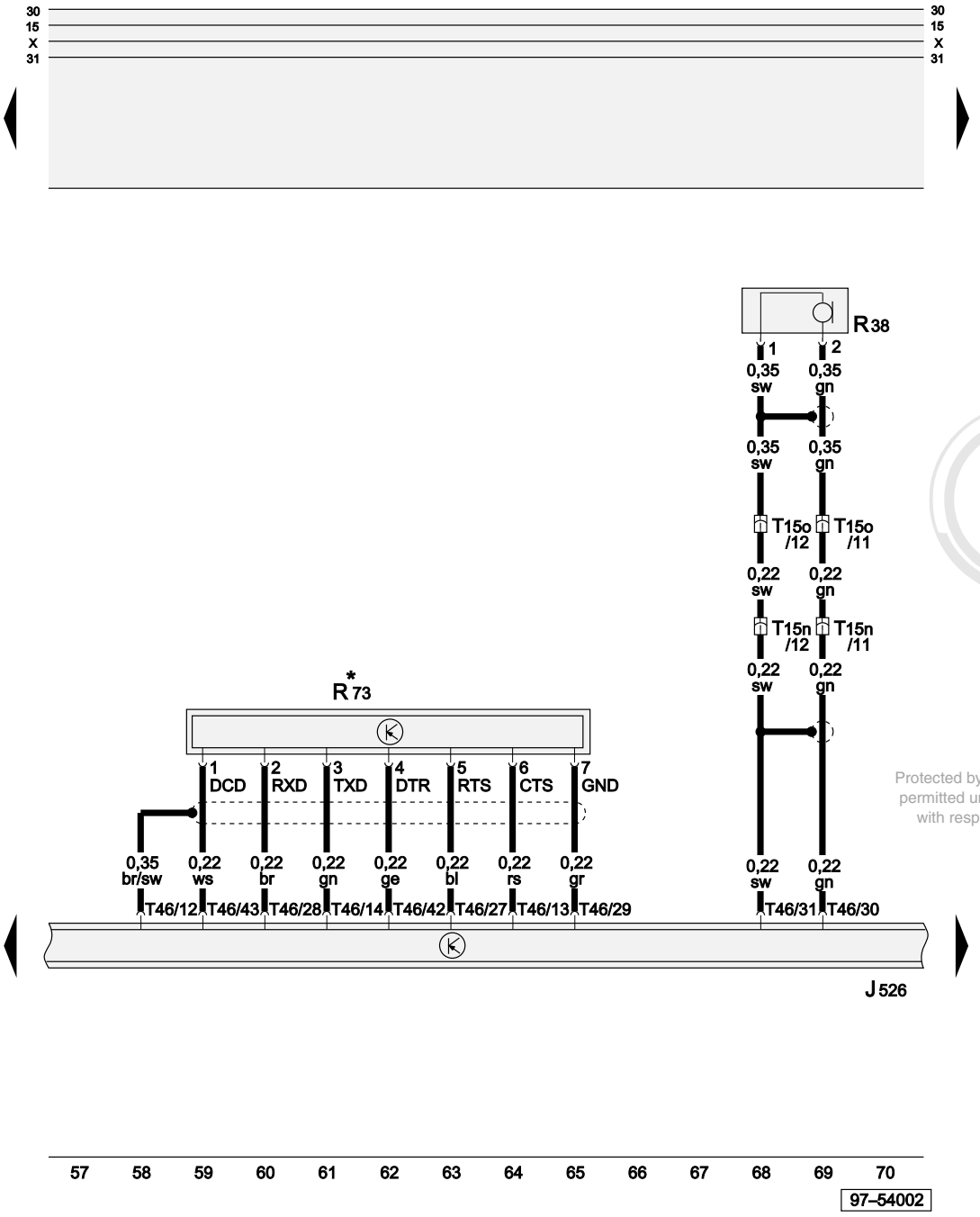


Telephone/telematics control unit, telephone handset

J526 Telephone/telematics control unit
R37 Telephone handset
T46 46-pin connector, black, on telephone/telematics control unit

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

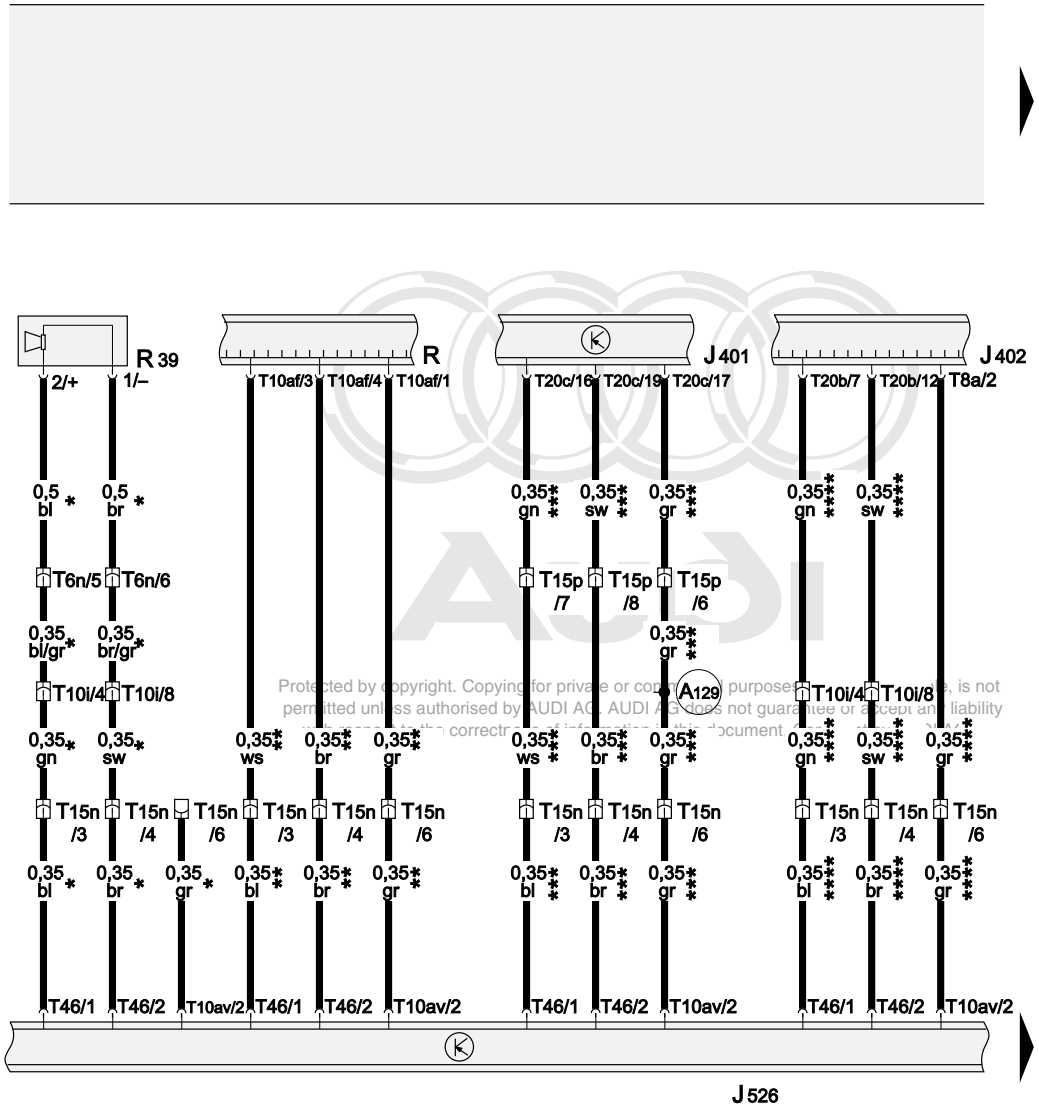


Telephone/telematics control unit, fax unit, telephone microphone

J526	Telephone/telematics control unit
R38	Telephone microphone
R73	Fax unit
T15n	15-pin connector, brown, in centre console
T15o	15-pin connector, grey, left connector point, A pillar
T46	46-pin connector, black, on telephone/telematics control unit
*	Optional equipment

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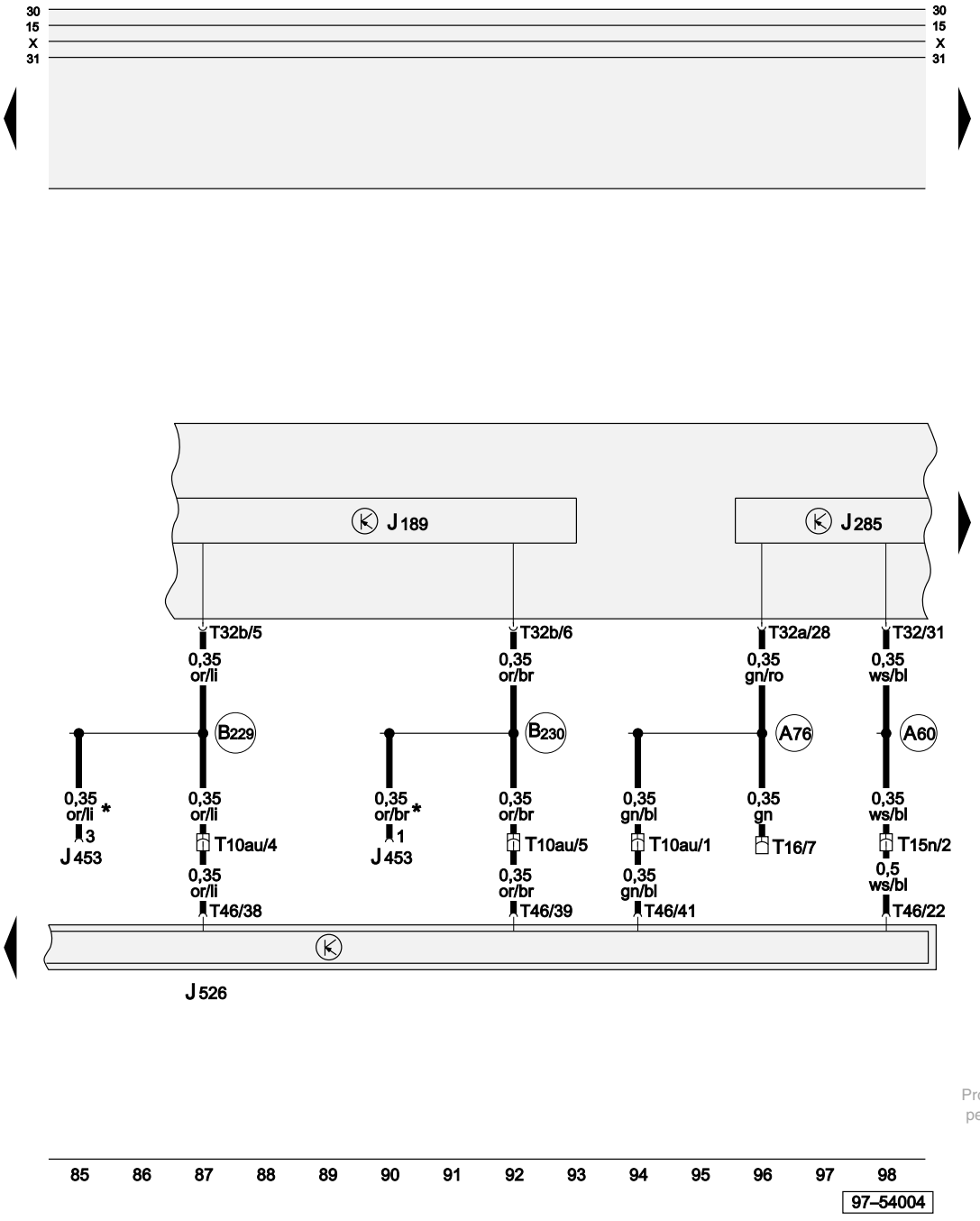


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Telephone/telematics control unit, telephone/navigation systems loudspeaker

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
J507	Control unit for voice control
J526	Telephone/telematics control unit
R	Radio
R39	Telephone/navigation systems loudspeaker
T6n	6-pin connector, green, at A pillar, left
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20b	20-pin connector, black, radio connector I
T20c	20-pin connector, black, on navigation control unit
A129	Connection (muting), in dash panel wiring harness
*	Only models without radio / navigation system
**	Only models with radio
***	Only models with navigation system
****	Only models with radio navigation system

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

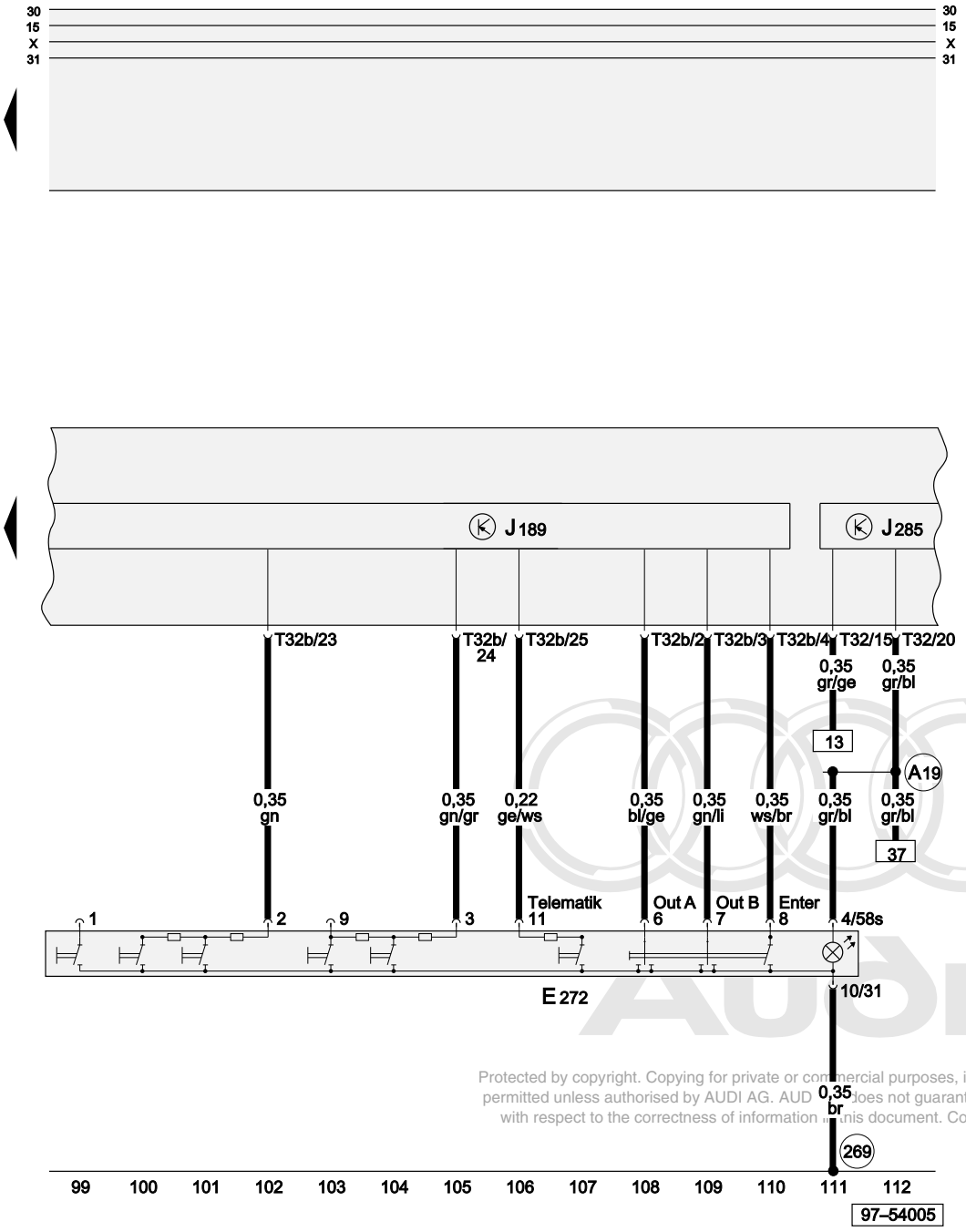


Telephone/telematics control unit, control unit with display in dash panel insert, CAN bus, diagnostic connector

J189	Auto-check system
J285	Control unit with display in dash panel insert
J453	Multi-function steering wheel control unit
J526	Telephone/telematics control unit
T10au	10-pin connector, brown, in centre console
T15n	15-pin connector, brown, in centre console
T16	16-pin connector, black, diagnostic connector
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
T46	46-pin connector, black, on telephone/telematics control unit
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with multi-function steering wheel and telematics

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Function selection switch II, auto-check system

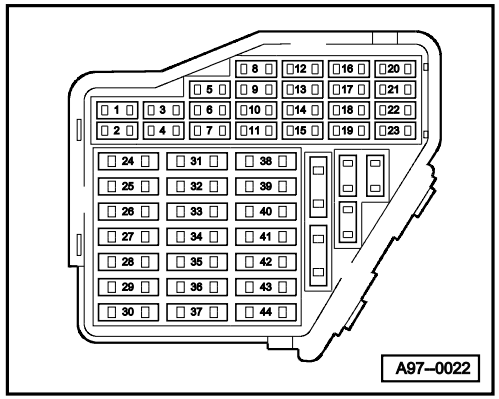
E272	Function selection switch II
J189	Auto-check system
J285	Control unit with display in dash panel insert
T32	32-pin connector, blue, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness

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Radio navigation system (RNS)

From model year 2001

Fuse box

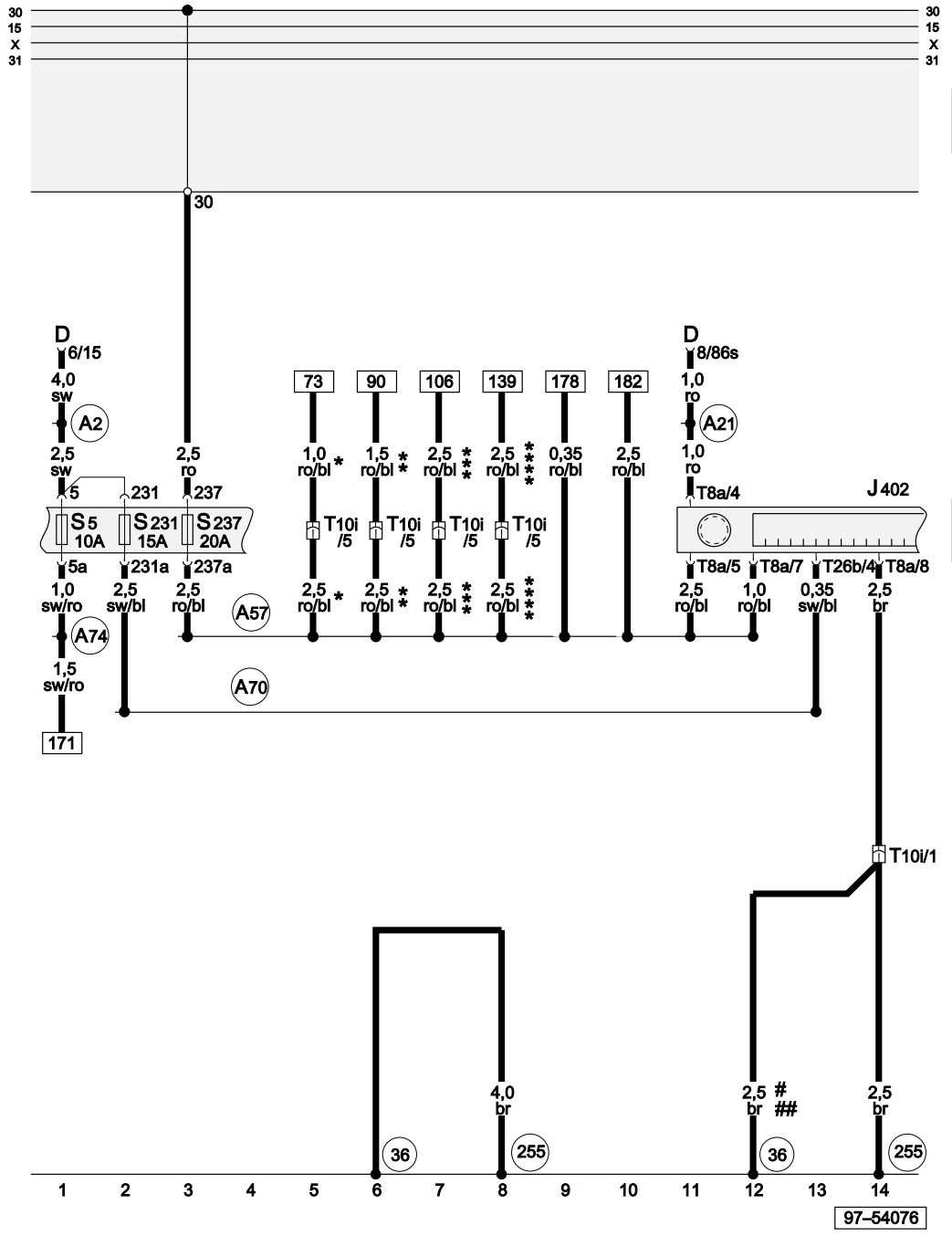


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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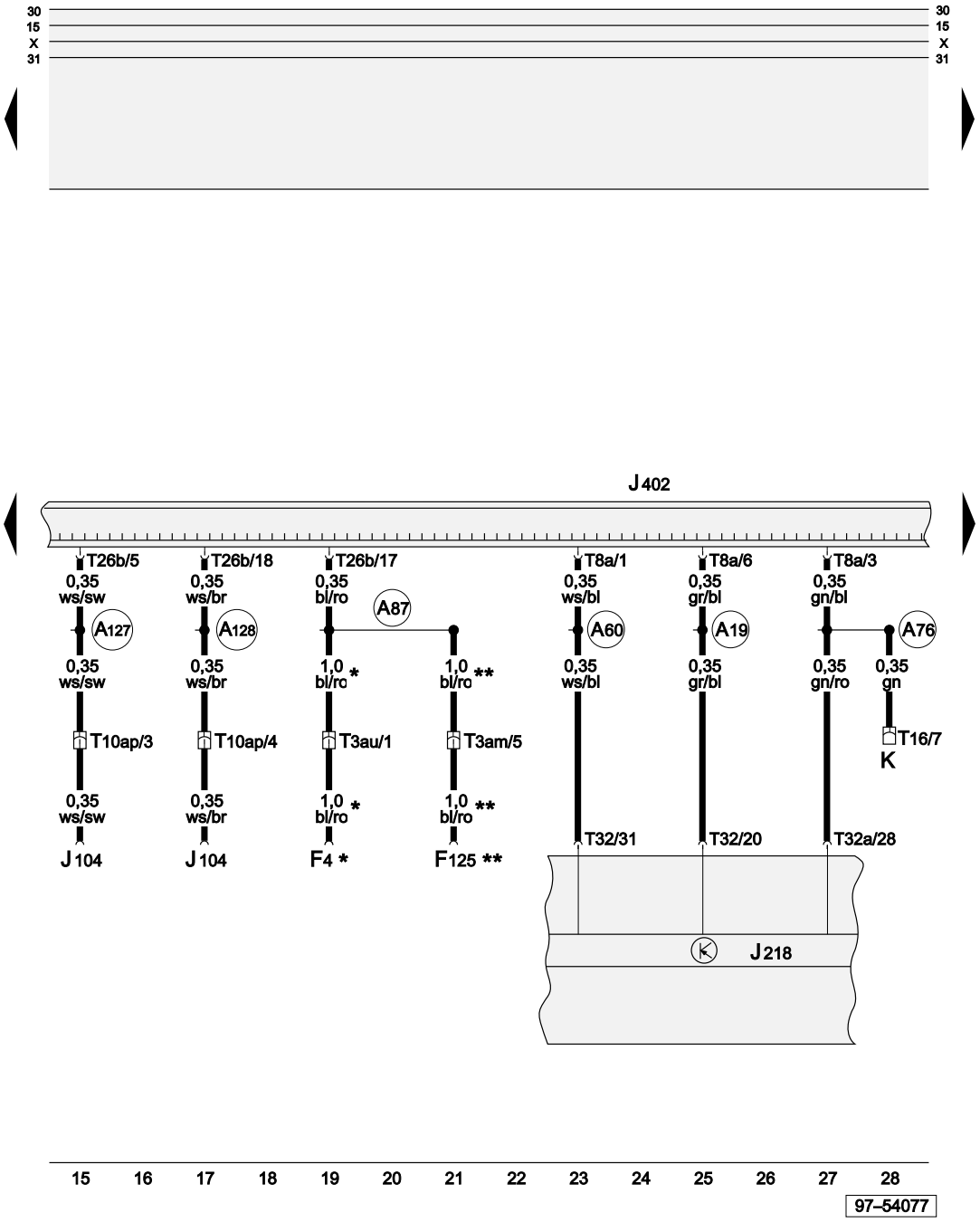


Navigation operating electronics control unit, voltage supply

D	Ignition/starter switch
J402	Operating electronics control unit, navigation
S5	Fuse in fuse box
S231	Fuse 31 in fuse box
S237	Fuse 37 in fuse box
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T26b	26-pin connector, on operating electronics control unit, navigation
36	Earth point, near handbrake lever
255	Earth connection -1-, in radio wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A57	Positive (+) connection -3- (30), 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
*	Active loudspeakers (saloon models)
**	Active loudspeakers (Avant models)
***	Bose sound system (saloon models)
****	Bose sound system (Avant models)
#	Bose sound system (Avant models), without CD changer
##	Active loudspeakers (saloon models), without CD changer

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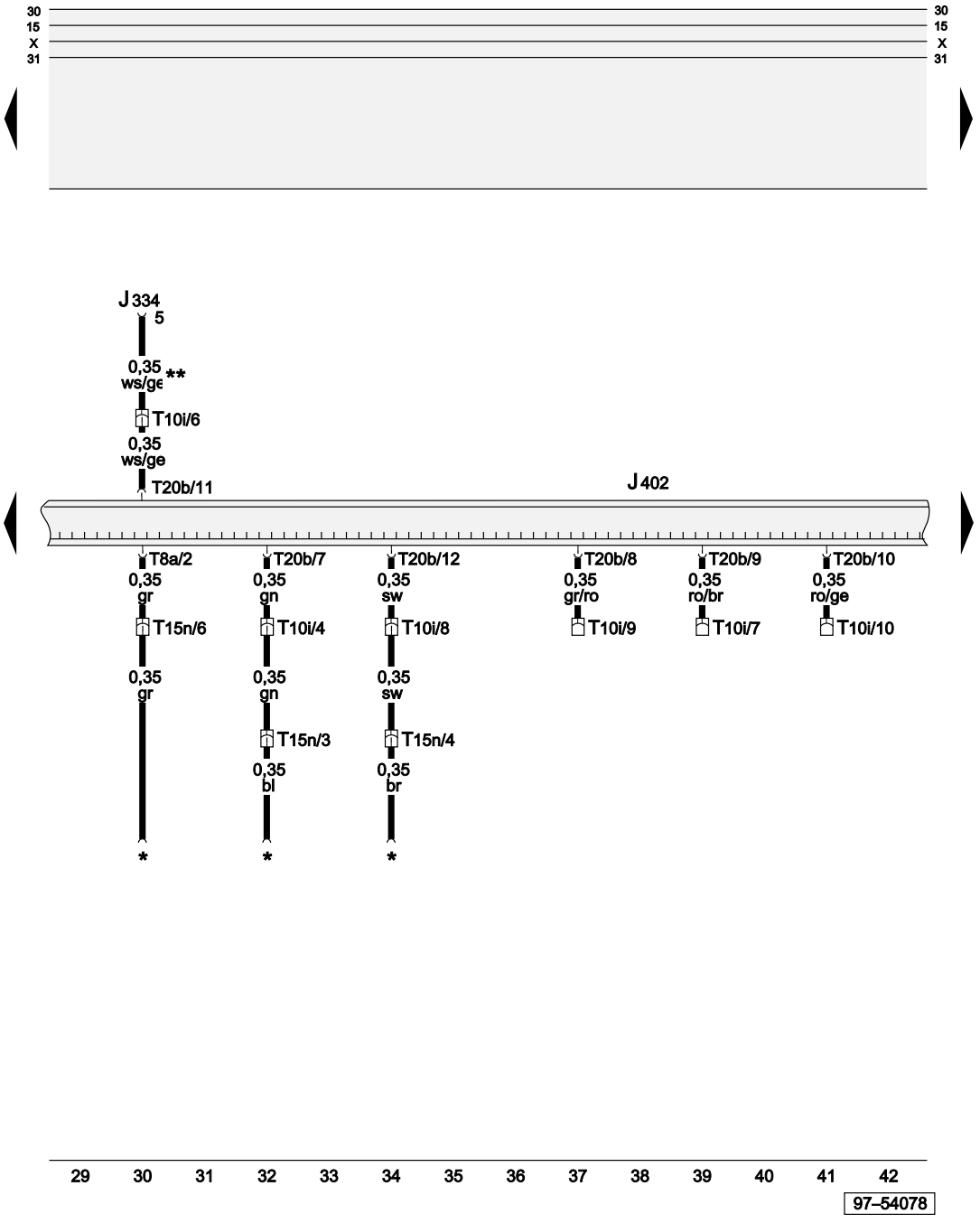


Navigation operating electronics control unit, dash panel insert

F4	Reversing light switch
F125	Multi-function switch
J104	ABS with EDL control unit
J218	Combi-processor in dash panel insert
J402	Operating electronics control unit, navigation
T3am	3-pin connector, brown, right connector point, A pillar
T3au	3-pin connector, red, connector point, electronics box, plenum chamber
T8a	8-pin connector, black, radio connector III
T10ap	10-pin connector, grey, right connector point, A pillar
T16	16-pin connector, diagnostic connector
T26b	26-pin connector, on operating electronics control unit, navigation
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A127	Connection (rear left speed sensor), in dash panel wiring harness
A128	Connection (rear right speed sensor), in dash panel wiring harness
*	Only models with automatic gearbox
**	Only models with manual gearbox

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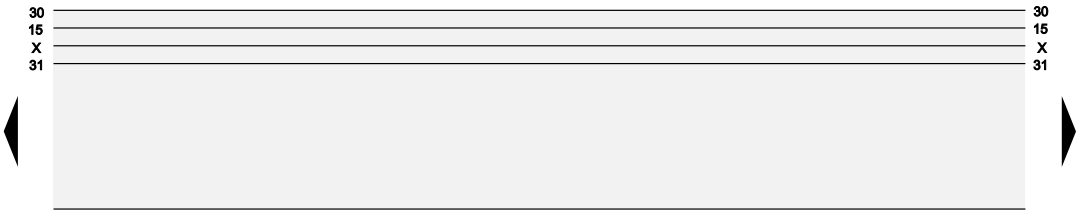


Navigation operating electronics control unit

J334	Immobilizer control unit
J402	Operating electronics control unit, navigation
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T15n	15-pin connector, brown, in centre console
T20b	20-pin connector, black, radio connector I
*	See applicable Current Flow Diagram: Telephone/telematics
**	Only models with anti-theft alarm system

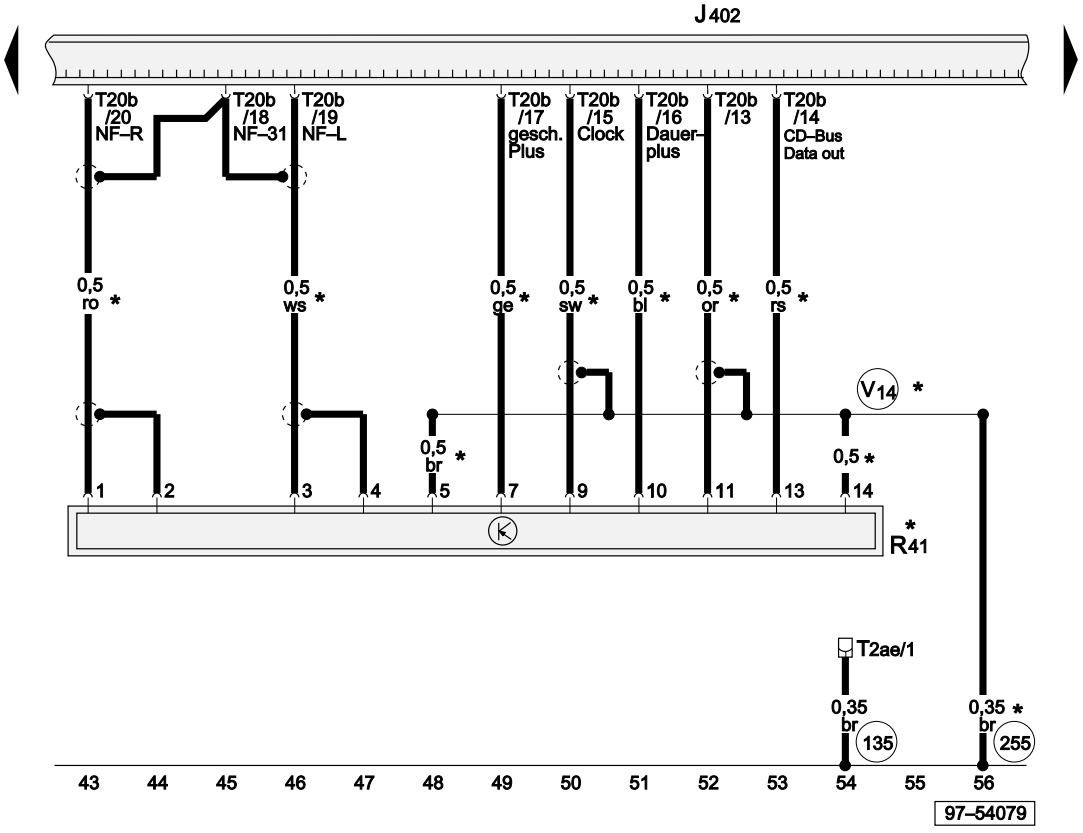
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Navigation operating electronics control unit, CD changer

J402	Operating electronics control unit, navigation
R41	CD changer
T2ae	2-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
135	Earth connection -2-, in dash panel wiring harness
255	Earth connection -1-, in radio wiring harness
V14	Connection (screening), in CD changer wiring harness
*	Models with CD changer



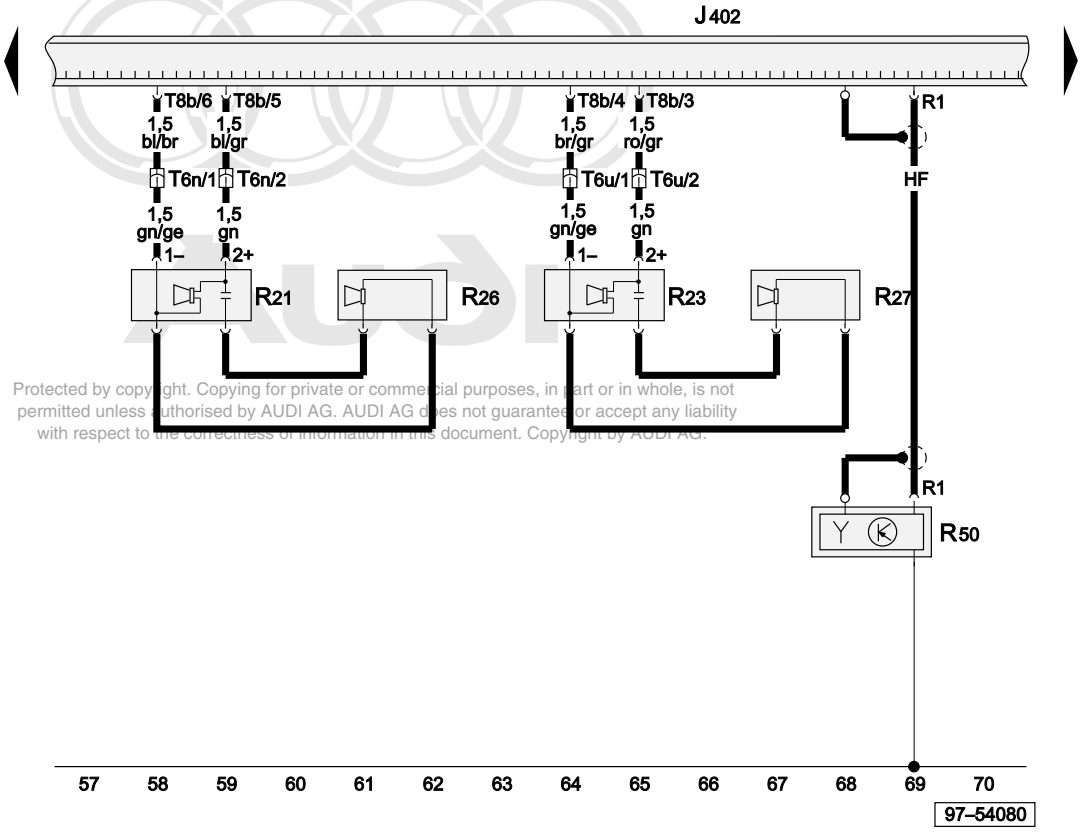
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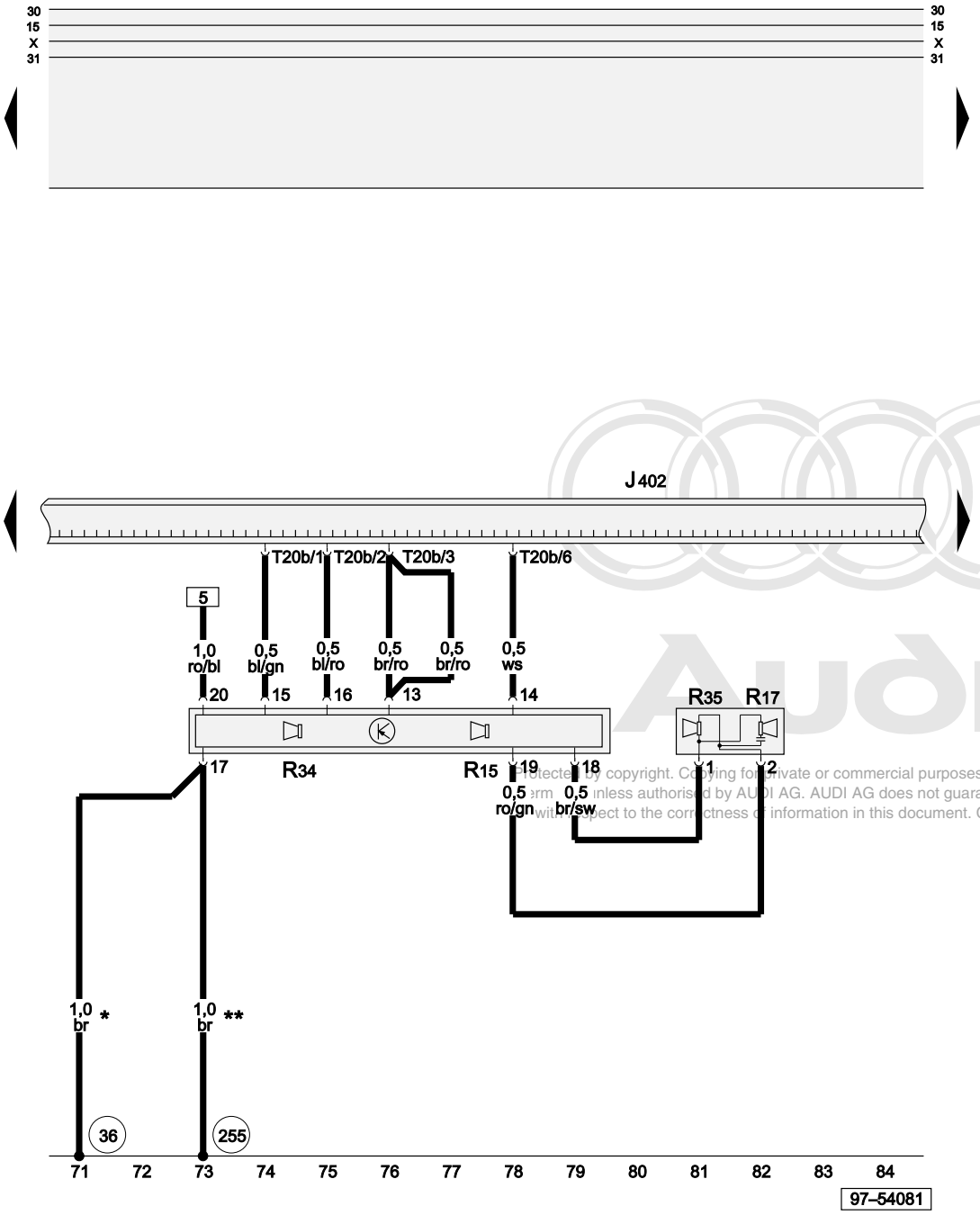
Navigation operating electronics control unit, navigation aerial (GPS), front loudspeakers

J402	Operating electronics control unit, navigation
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R50	Navigation aerial (GPS)
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II



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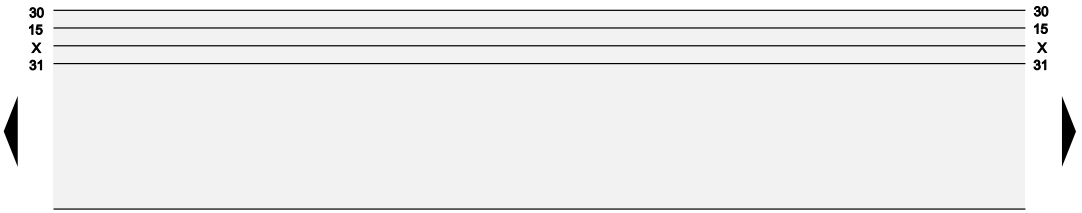


Navigation operating electronics control unit, active loudspeakers (saloon models)

J402	Operating electronics control unit, navigation
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T20b	20-pin connector, black, radio connector I
(36)	Earth point, near handbrake lever
(255)	Earth connection -1-, in radio wiring harness
*	Only models with CD changer
**	Only models without CD changer

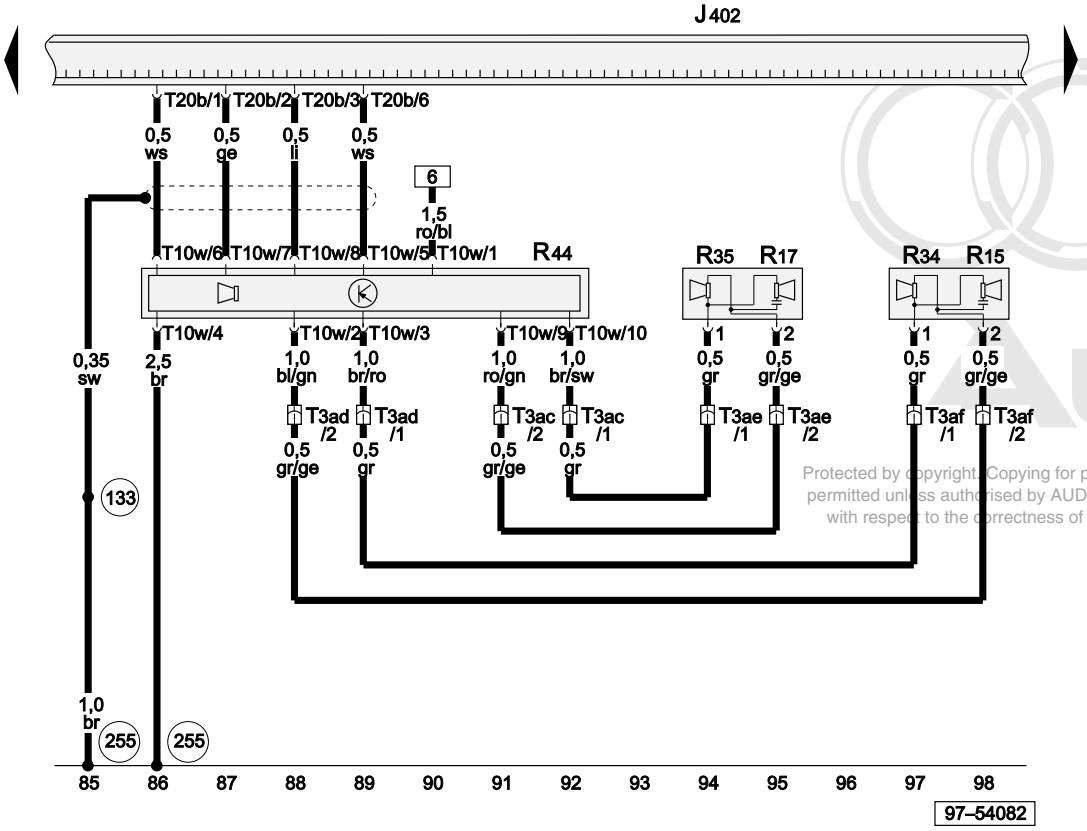
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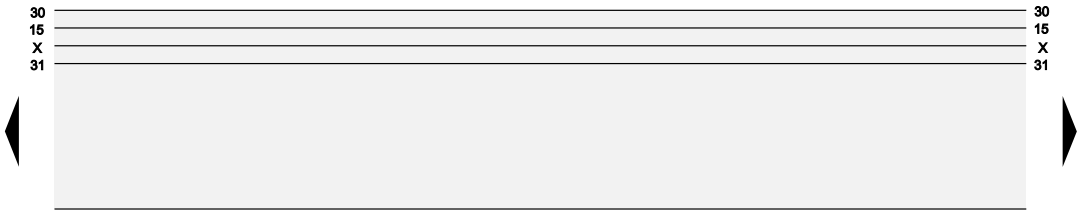
Navigation operating electronics control unit, active loudspeakers (Avant models)

J402	Operating electronics control unit, navigation
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T20b	20-pin connector, black, radio connector I
T10w	10-pin connector, red, luggage compartment, left
(133)	Earth connection, in loudspeaker wiring harness
(255)	Earth connection -1-, in radio wiring harness



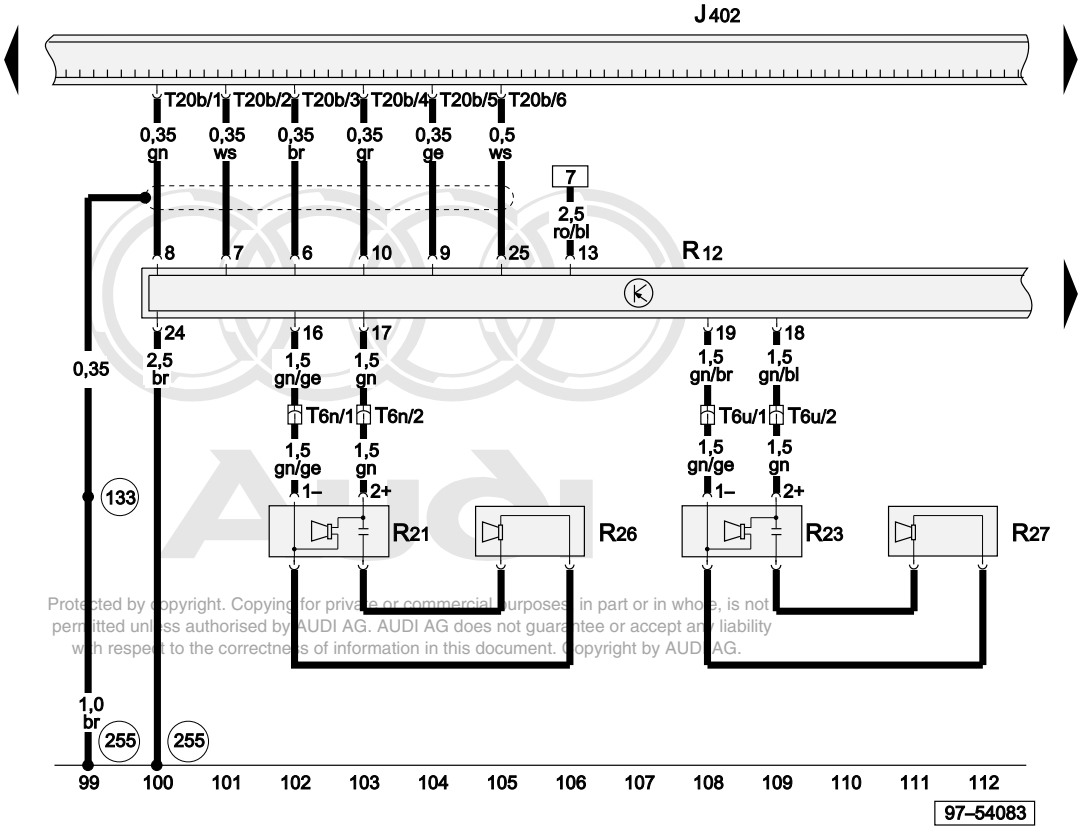
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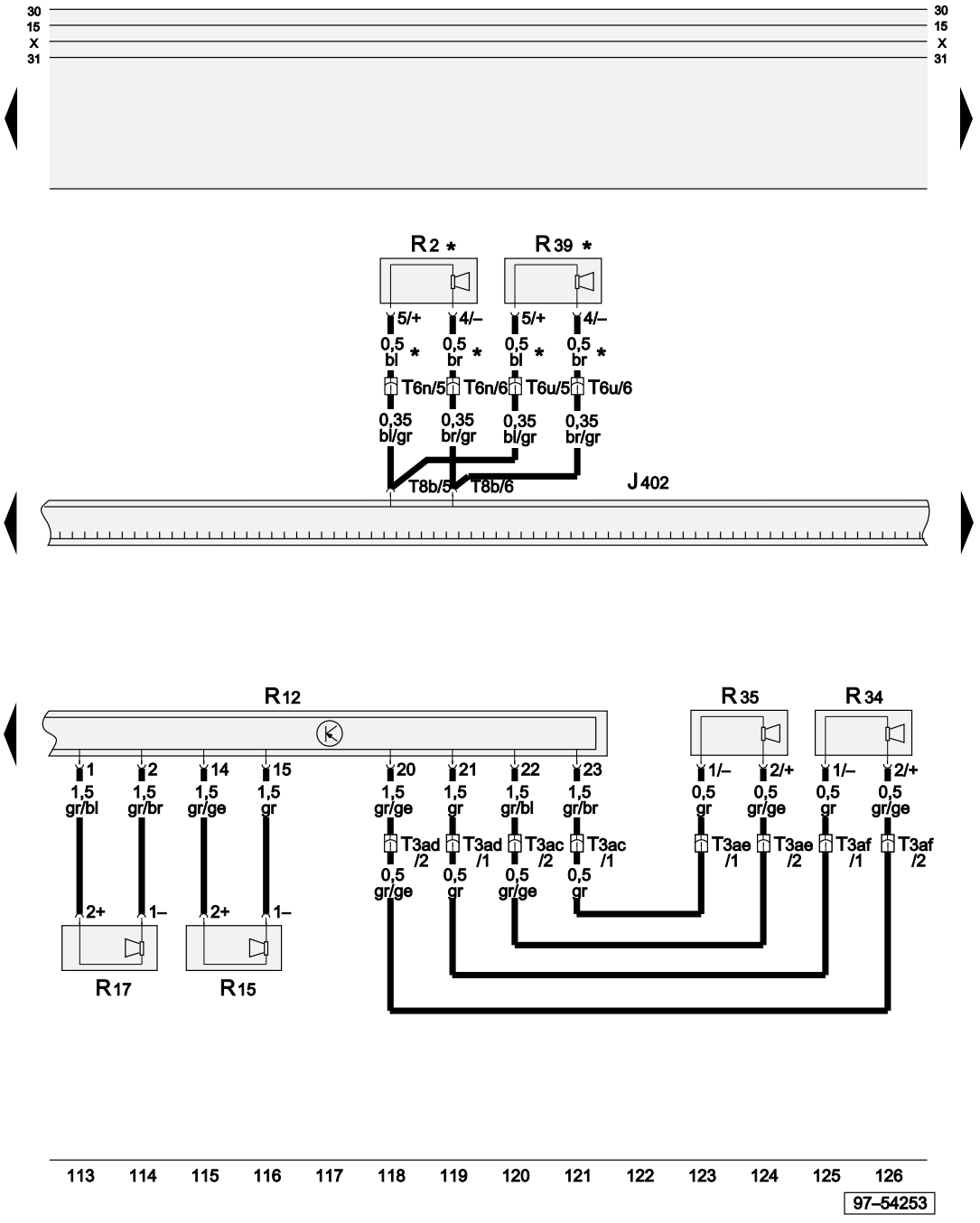
Navigation operating electronics control unit, Bose sound system (saloon models)

J402	Operating electronics control unit, navigation
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
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
133	Earth connection, in loudspeaker wiring harness
255	Earth connection -1-, in radio wiring harness



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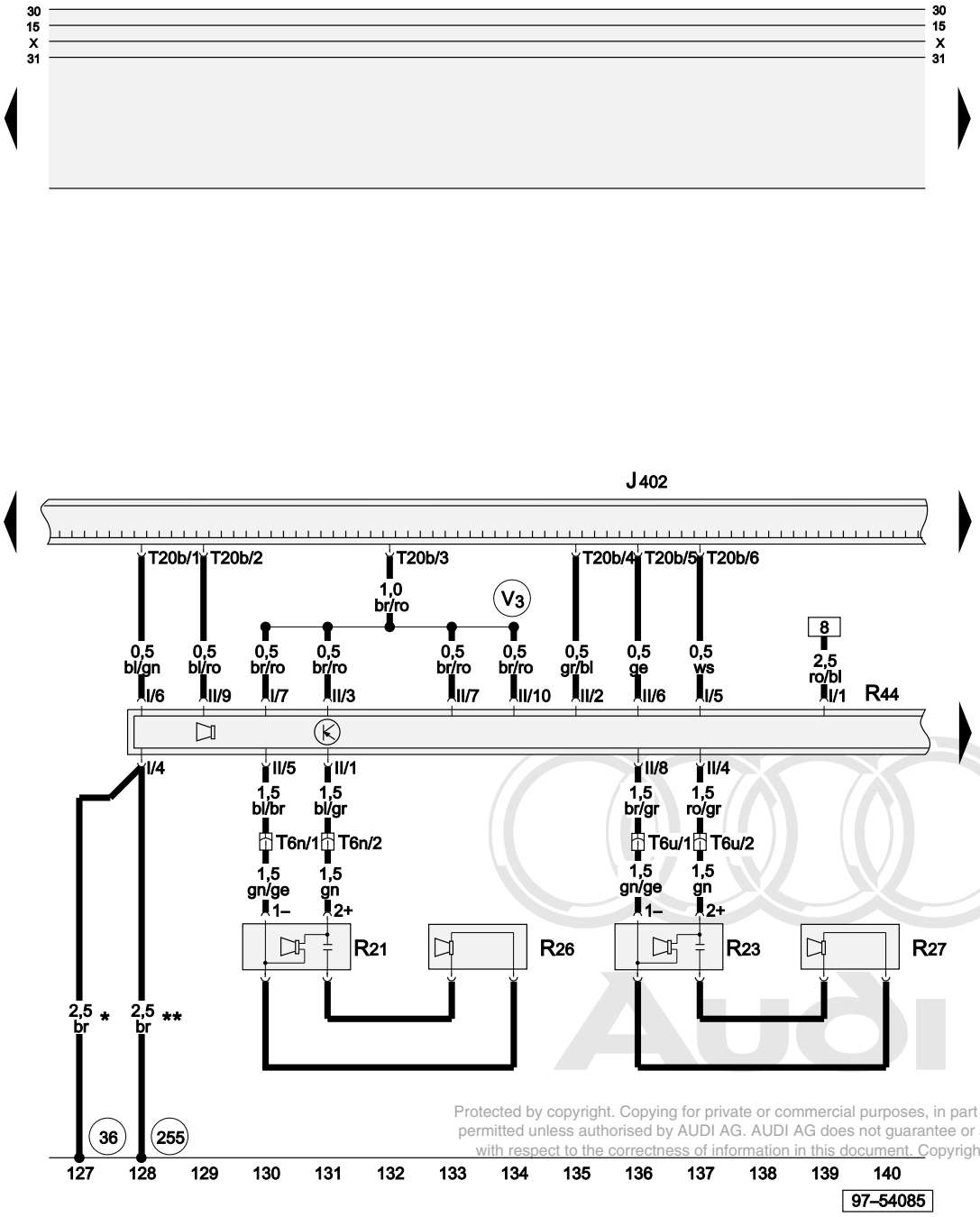


Navigation operating electronics control unit, Bose sound system (saloon models)

J402	Operating electronics control unit, navigation
R2	Telephone/navigation systems loudspeaker, front left
R39	Telephone/navigation systems loudspeaker, front right
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

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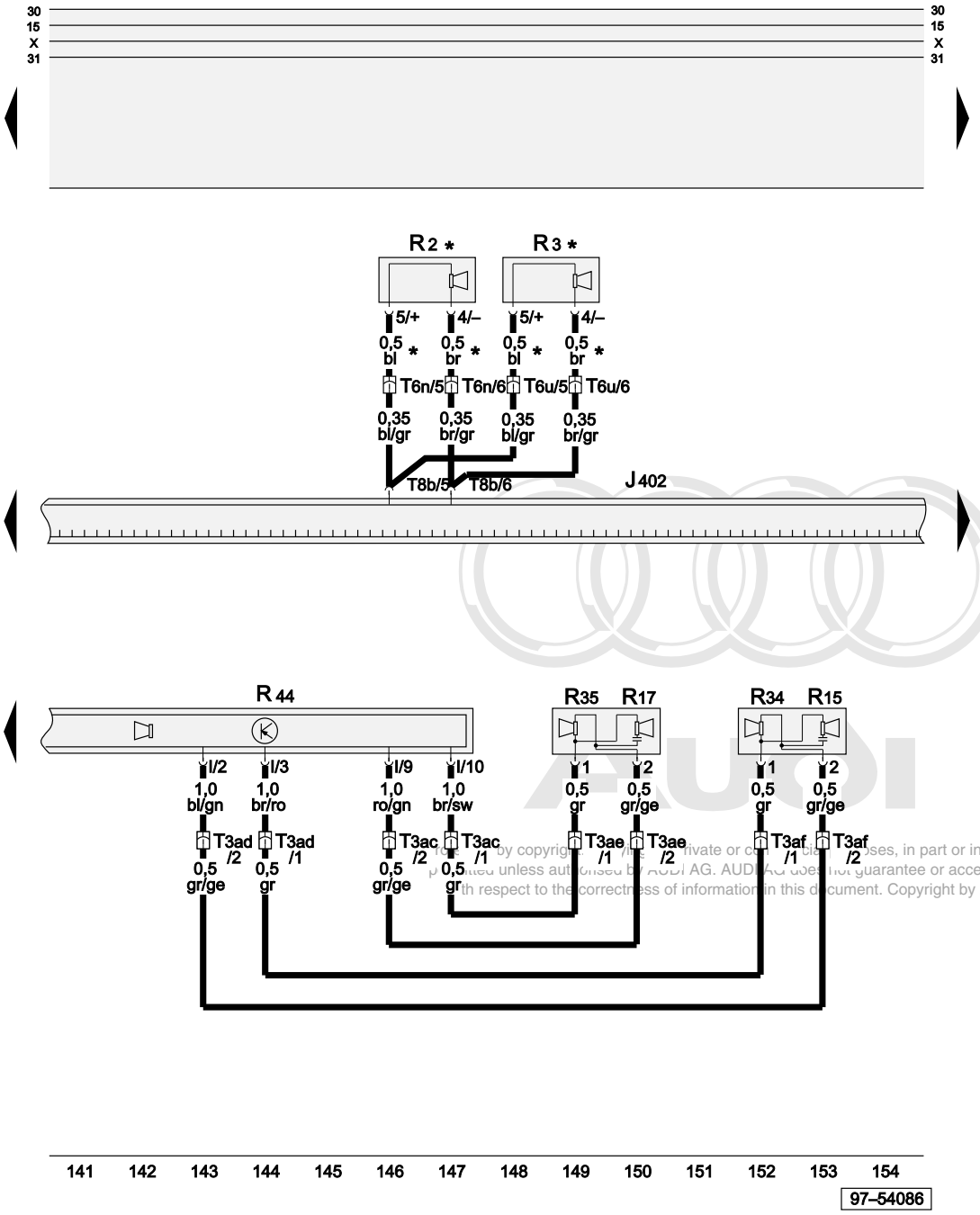


Navigation operating electronics control unit, Bose sound system (Avant models)

J402	Operating electronics control unit, navigation
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Middle-high tone loudspeaker, front left
R27	Middle-high tone loudspeaker, front right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
255	Earth connection -1-, in radio wiring harness
V3	Connection (audio frequency, NF), in rear loudspeaker wiring harness
*	Only models without CD changer
**	Only models with CD changer

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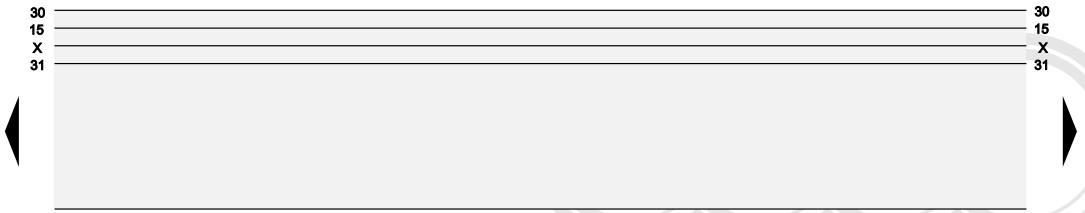


Navigation operating electronics control unit, Bose sound system (Avant models)

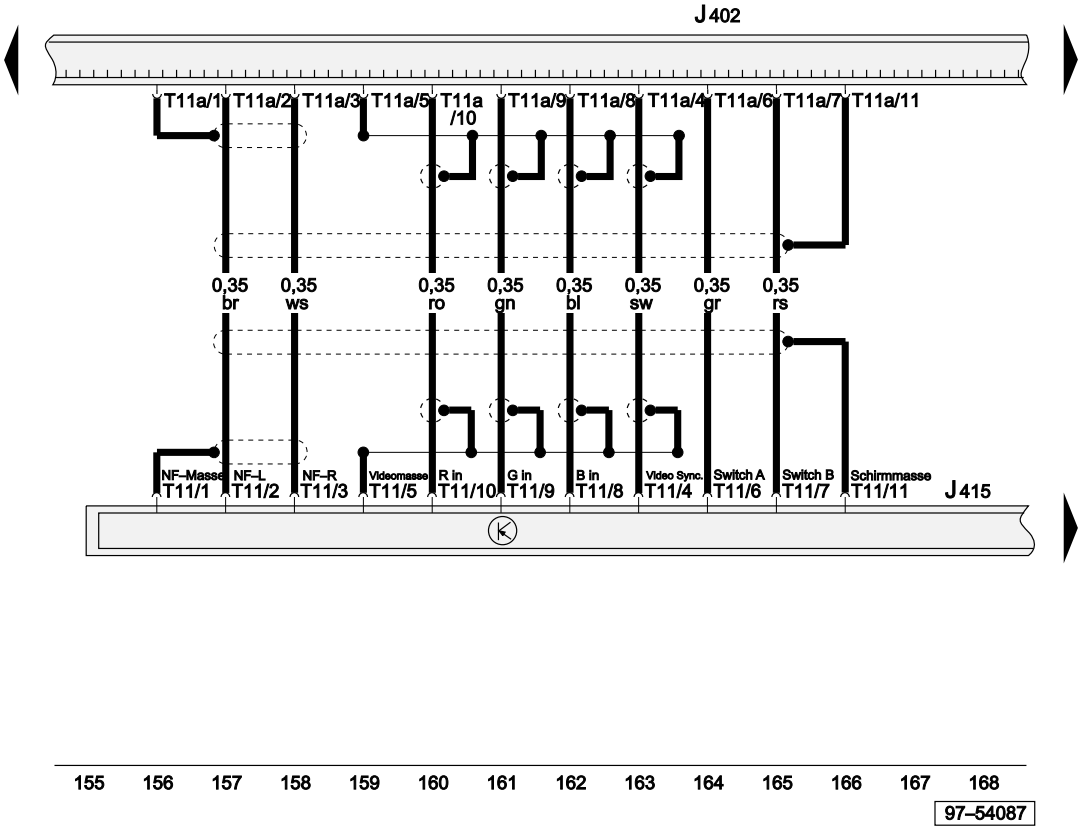
J402	Operating electronics control unit, navigation
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

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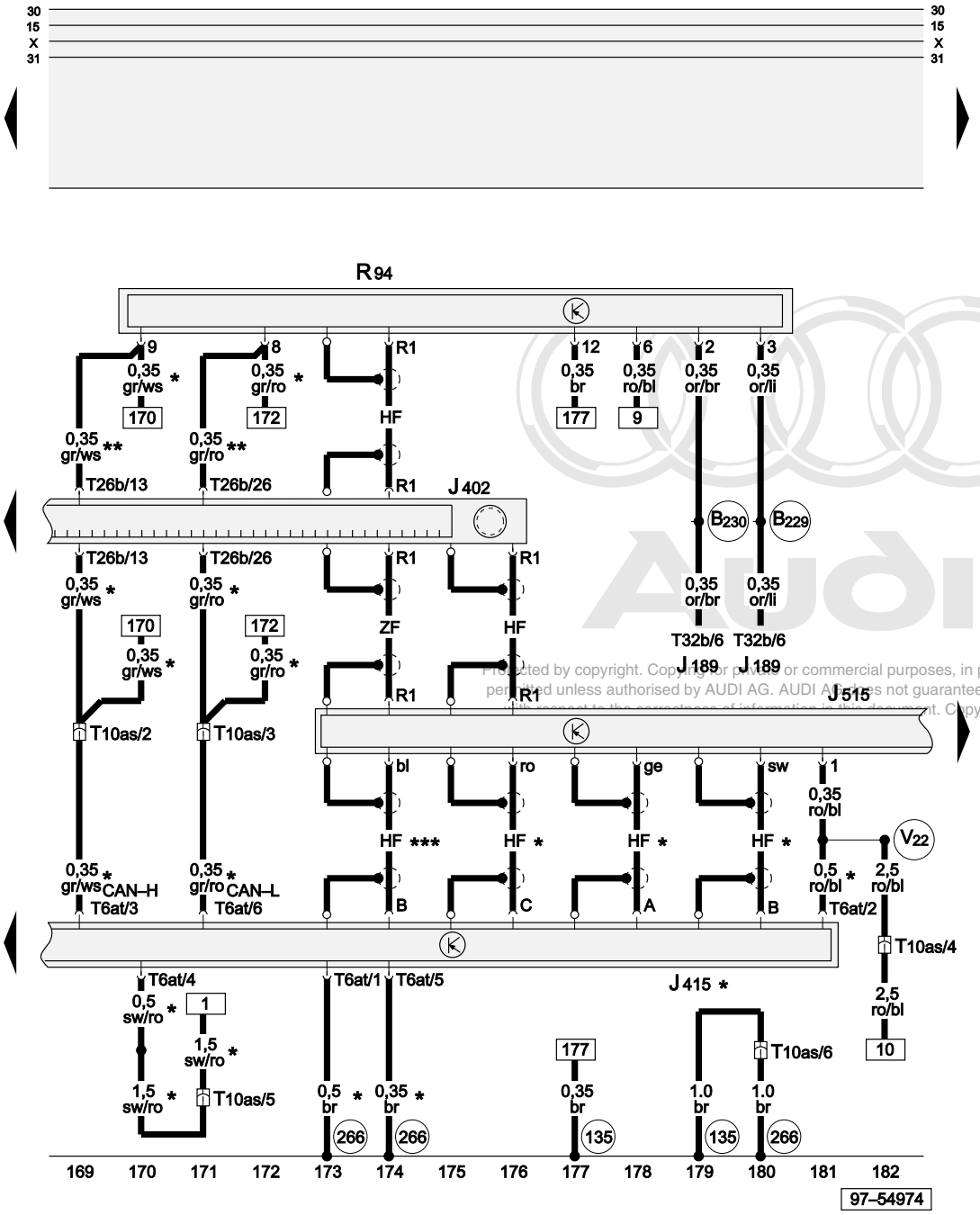
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Navigation operating electronics control unit, navigation/TV tuner

J402 Operating electronics control unit, navigation
J415 Navigation/TV tuner
T11 11-pin connector, on TV tuner
T11a 11-pin connector, black, on operating electronics control unit, navigation

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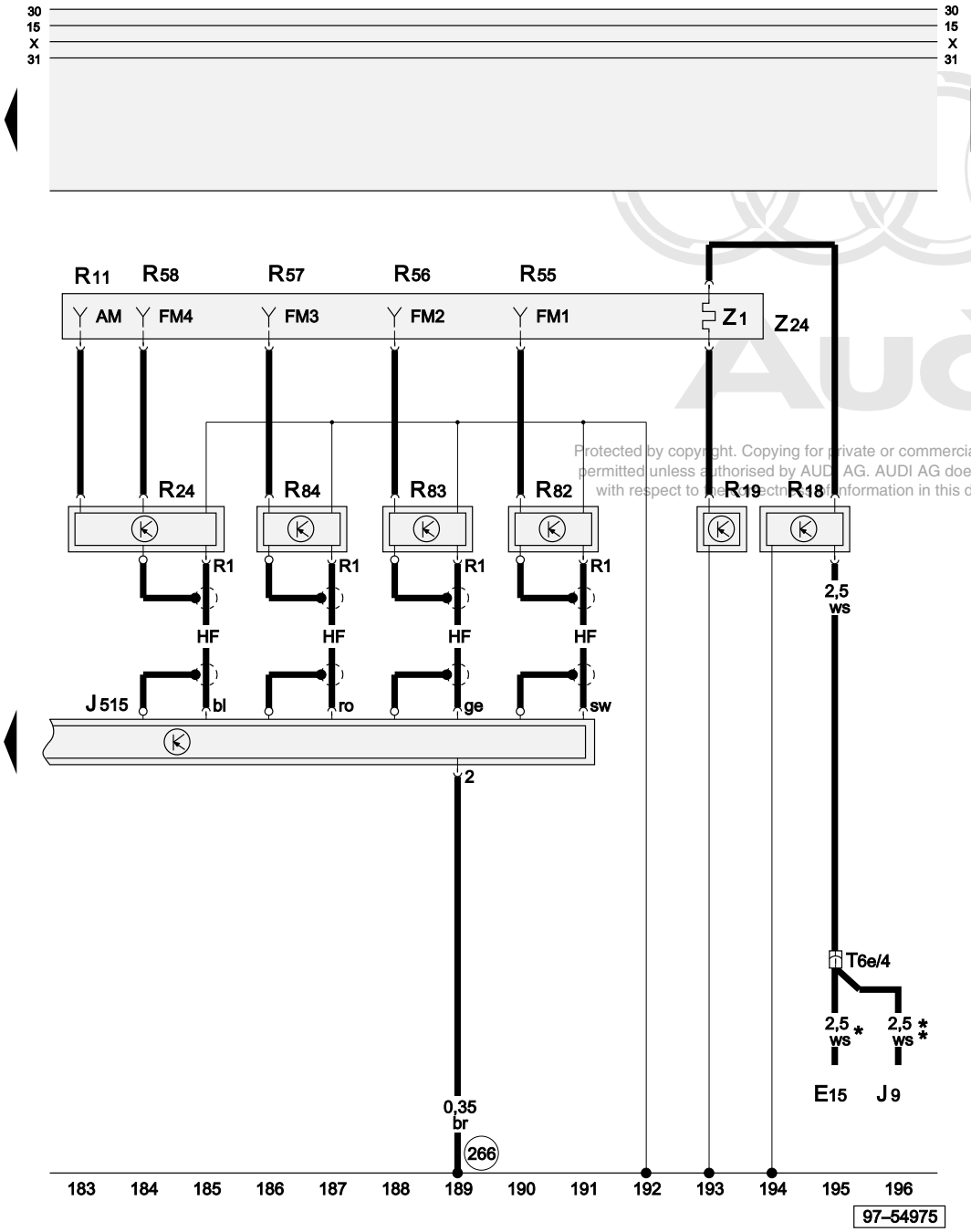


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Navigation operating electronics control unit, navigation interface, navigation/TV tuner, aerial selection control unit

J189	Auto-check system
J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
J515	Aerial selection control unit
R1	Aerial connection
R94	Navigation interface
T6at	6-pin connector, white, on TV tuner
T10as	10-pin connector, red, behind dash panel, left
T26b	26-pin connector, on operating electronics control unit, navigation
T32b	32-pin connector, grey, on dash panel insert
135	Earth connection -2-, in dash panel wiring harness
266	Earth connection, in navigation wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
V22	Positive (+) connection (30a), in navigation wiring harness
*	Only models with TV receiver
**	Only models without TV receiver
***	Does not apply to Avant models

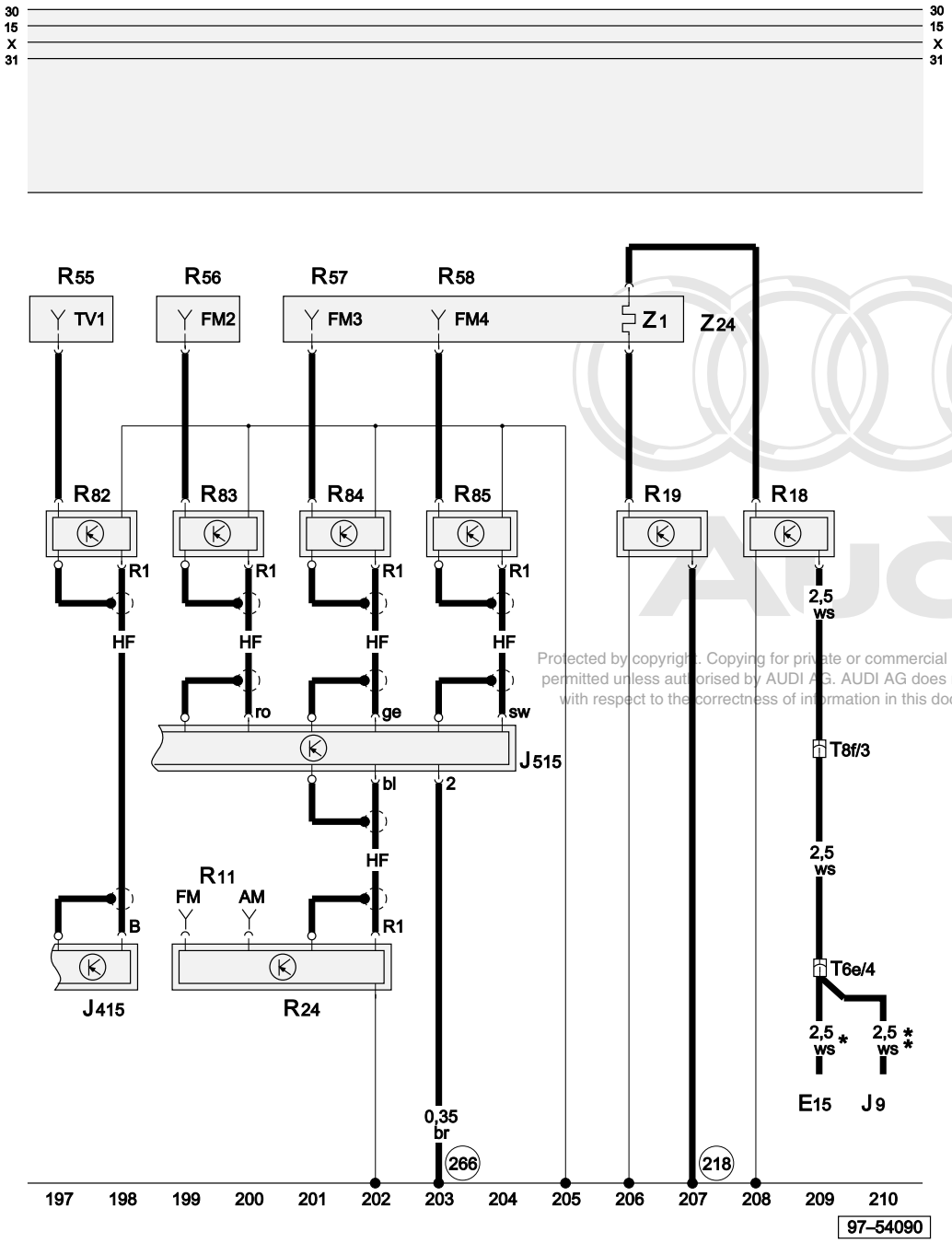


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Aerial selection control unit, aerials for saloon models

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R82	Aerial amplifier 1, TV
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
T6e	6-pin connector, blue, left connector point, A pillar
Z1	Heated rear window
Z24	Heated rear window with window aerial
266	Earth connection, in navigation wiring harness
*	Only models with air conditioner
**	Models without 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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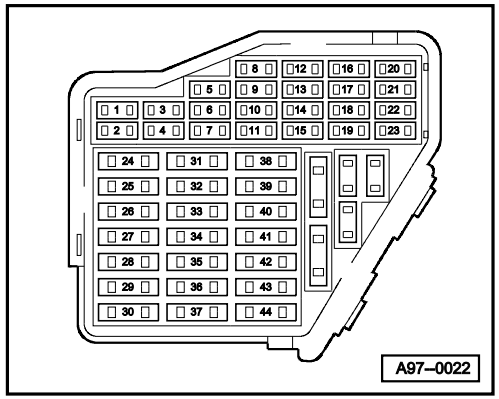
Aerial selection control unit, aerials for Avant models

E15	Heated rear window switch
J9	Heated rear window relay
J415	Navigation/TV tuner
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R82	Aerial amplifier 1, TV
R83	Aerial amplifier 2, TV
R84	Aerial amplifier 3, TV
R85	Aerial amplifier 4, TV
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
Z1	Heated rear window
Z24	Heated rear window with window aerial
218	Earth connection -1-, in tailgate wiring harness
266	Earth connection, in navigation wiring harness
*	Only models with air conditioner
**	Models without air conditioner

Radio systems

From model year 2001

Fuse box

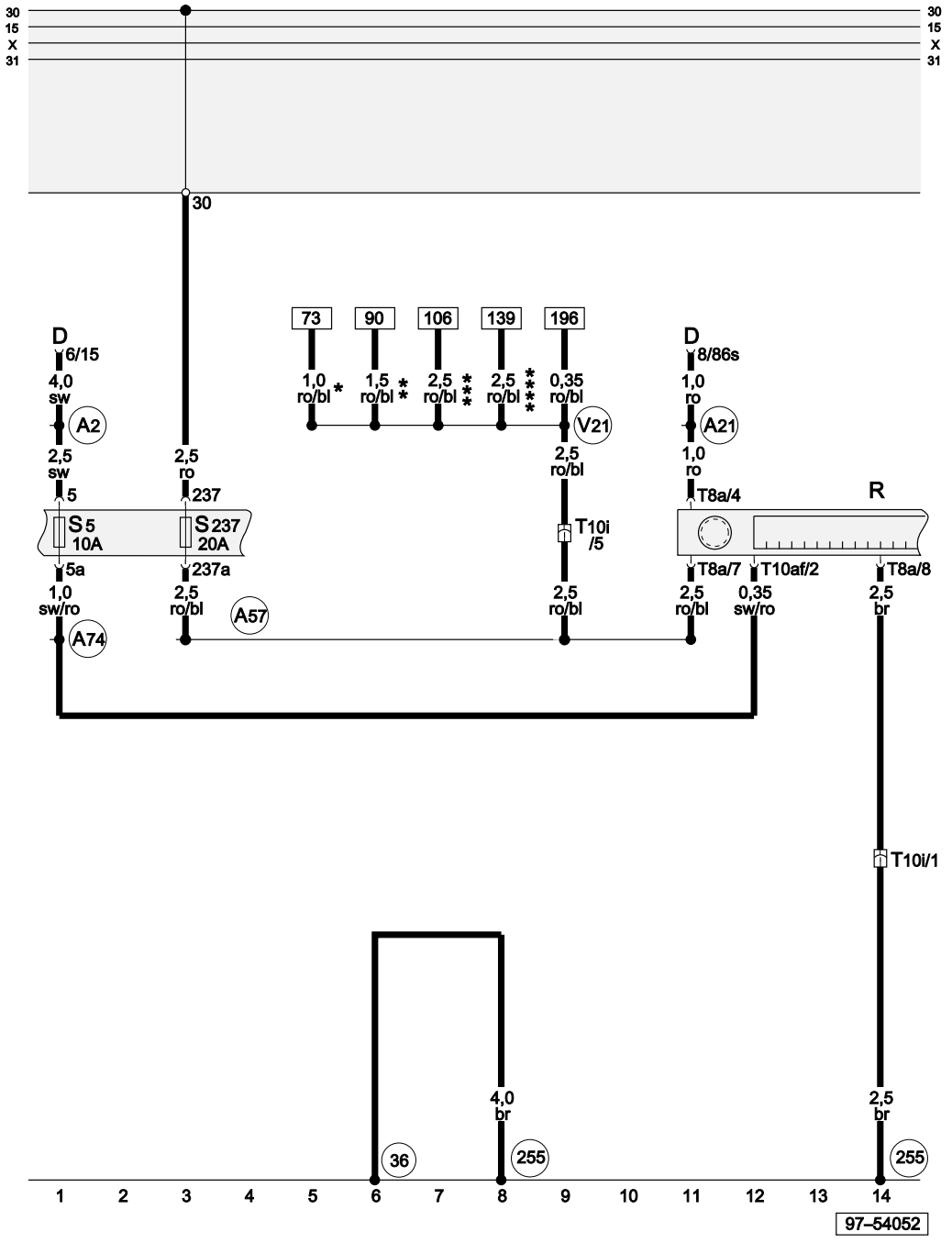


From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Fuse colours:

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

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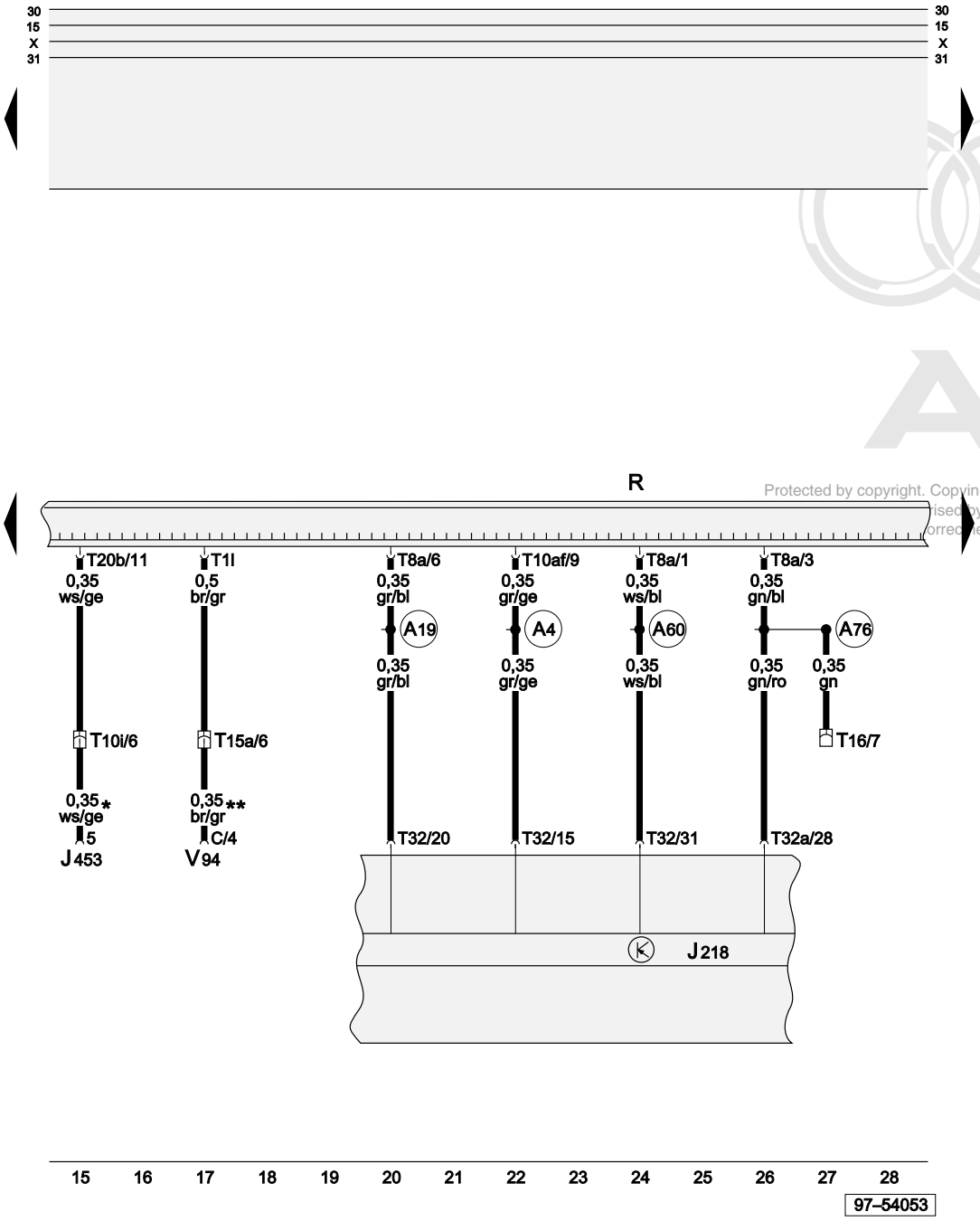


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gn = green
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Radio, voltage supply

D	Ignition/starter switch
R	Radio
S5	Fuse in fuse box
S237	Fuse 37 in fuse box
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
36	Earth point, near handbrake lever
255	Earth connection -1-, in radio wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A57	Positive (+) connection -3- (30), in dash panel wiring harness
A74	Connection (15a, fuse 5), in dash panel wiring harness
V21	Positive (+) connection (30), in radio - amplifier wiring harness
*	Active loudspeakers (saloon models)
**	Active loudspeakers (Avant models)
***	Bose sound system (saloon models)
****	Bose sound system (Avant models)

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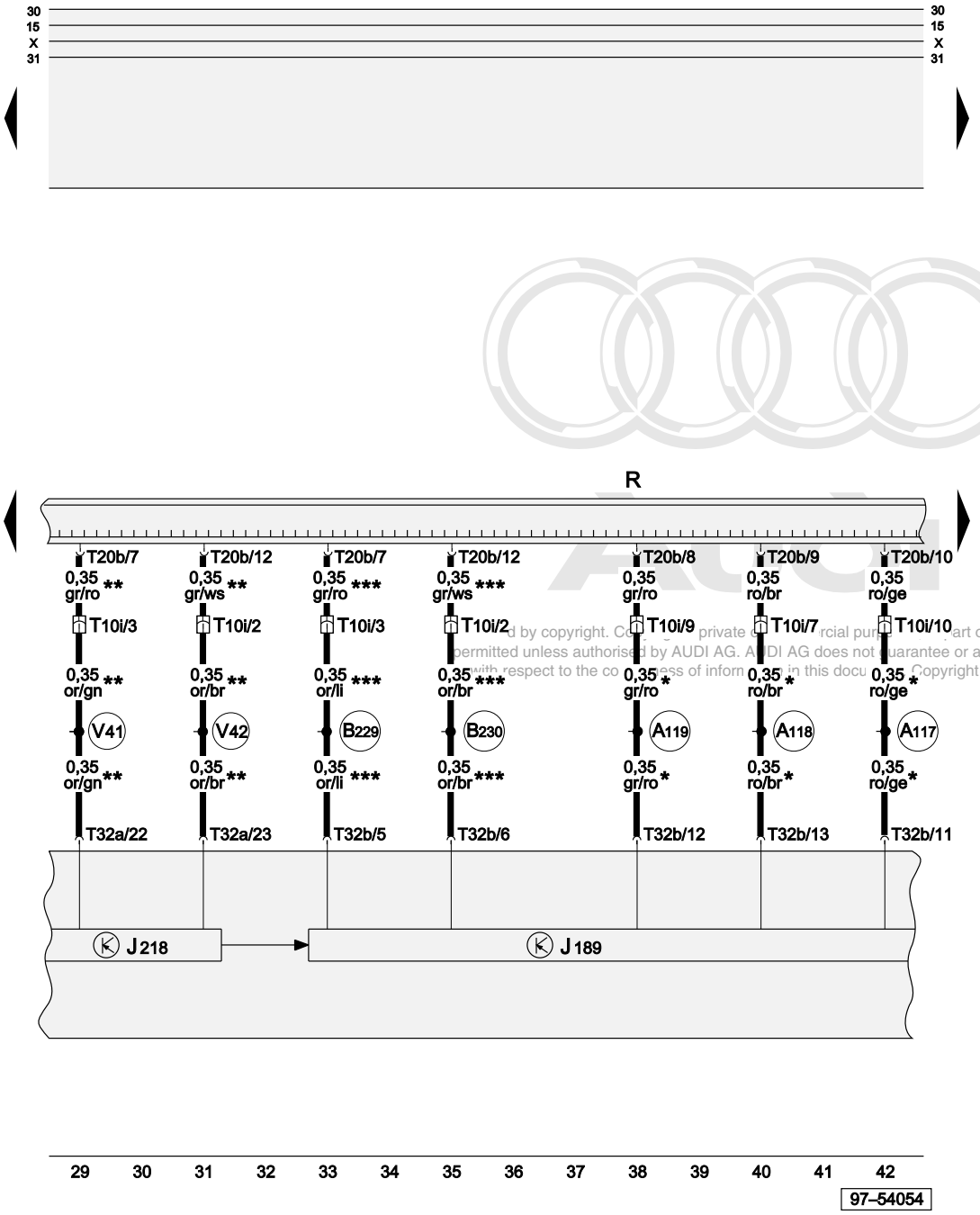


Radio, dash panel insert, diagnostic connector

J218	Combi-processor in dash panel insert
J453	Multi-function steering wheel control unit
R	Radio
T1l	Single connector, brown, on radio
T8a	8-pin connector, black, radio connector III
T10i	10-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T15a	15-pin connector, black, right connector point, A pillar
T16	16-pin connector, diagnostic connector
T20b	20-pin connector, black, radio connector I
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
A4	Positive (+) connection (58b), in dash panel wiring harness
A19	Connection (58d), in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only models with multi-function steering wheel
**	Only models with anti-theft alarm system

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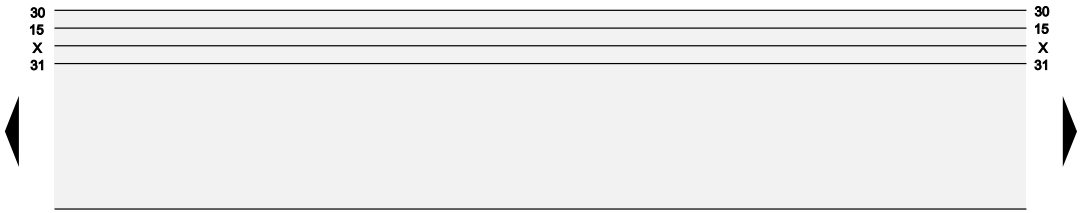


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Radio, auto-check system, dash panel insert

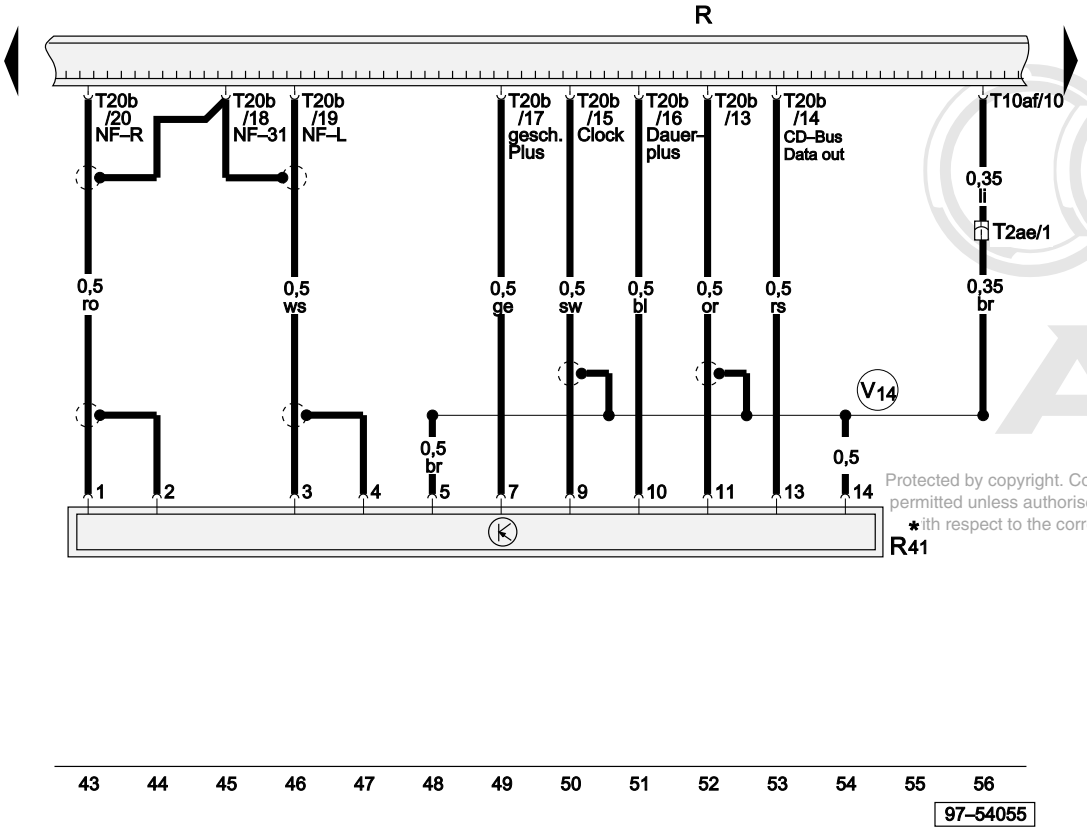
J189	Auto-check system
J218	Combi-processor in dash panel insert
R	Radio
T10i	10-pin connector, black, in centre console
T20b	20-pin connector, black, radio connector I
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
A117	Connection (enable), in dash panel wiring harness
A118	Connection (data), in dash panel wiring harness
A119	Connection (clock), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
V41	Connection (high bus), in communication systems wiring harness
V42	Connection (low bus), in communication systems wiring harness
*	Only models with multi-function display
**	Only models with radio Symphony and without multi-function display
***	Only models with radio Symphony and with multi-function display

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Radio, CD changer

R	Radio
R41	CD changer
T2ae	2-pin connector, black, in centre console
T10af	10-pin connector, red, radio connector IV
T20b	20-pin connector, black, radio connector I
V14	Connection (screening), in CD changer wiring harness
*	Models with CD changer



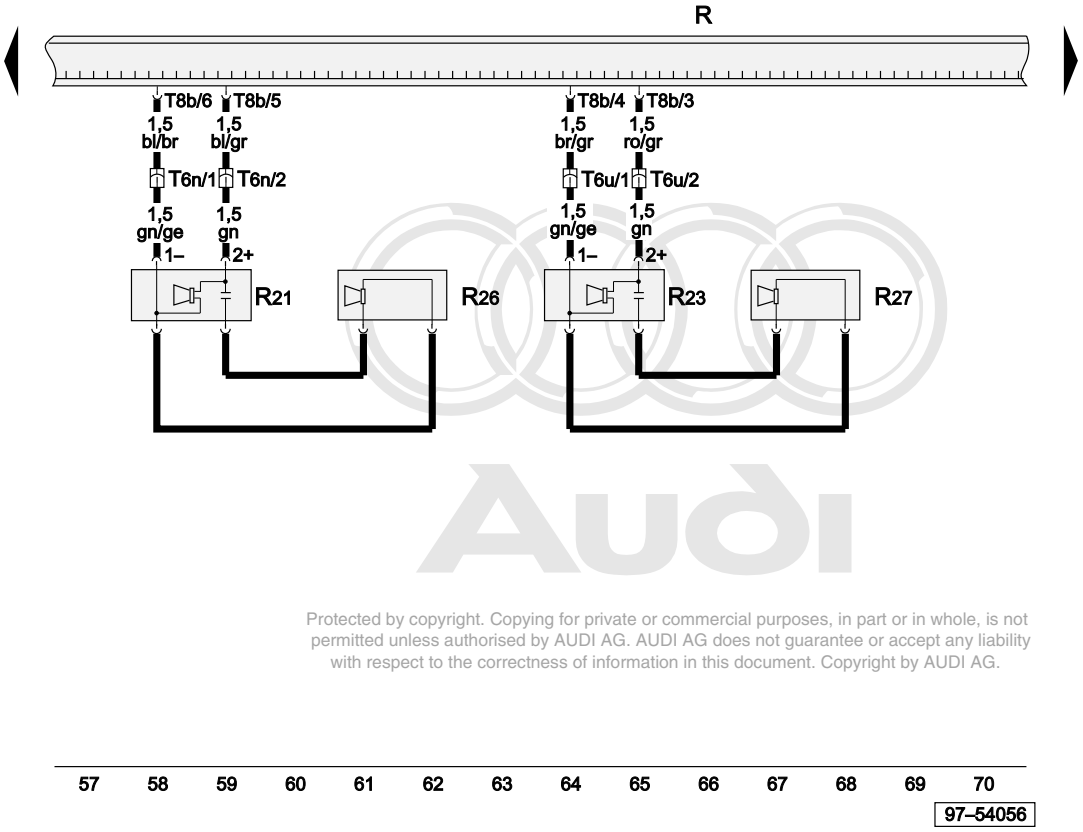
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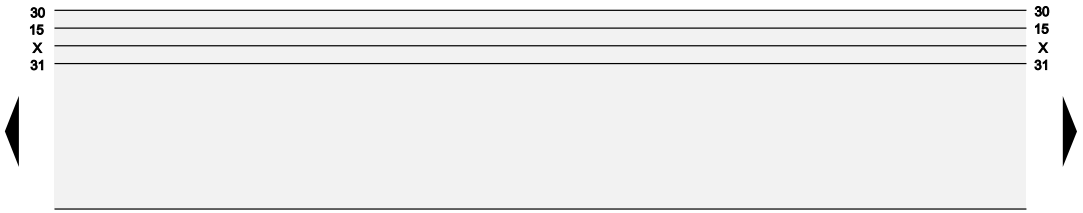
Radio, front loudspeakers

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, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II



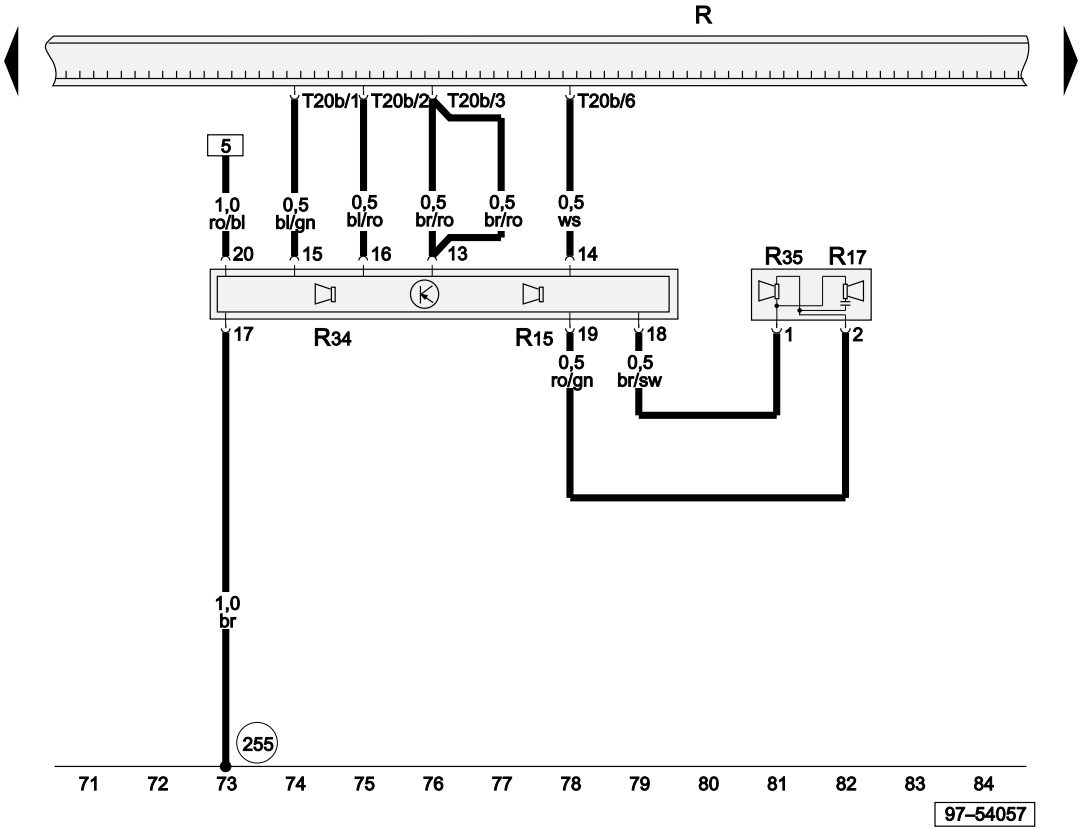
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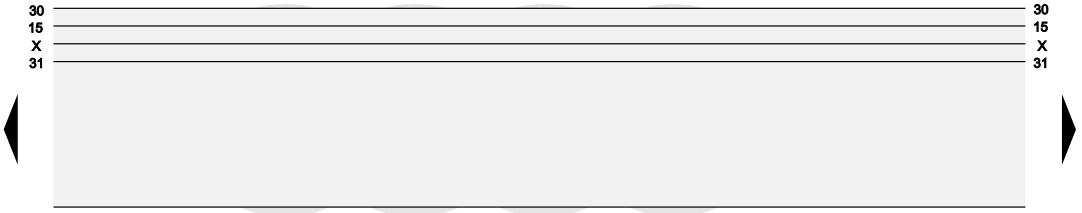
Radio, active loudspeakers (saloon models)

R	Radio
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T20b	20-pin connector, black, radio connector I
(255)	Earth connection -1-, in radio wiring harness

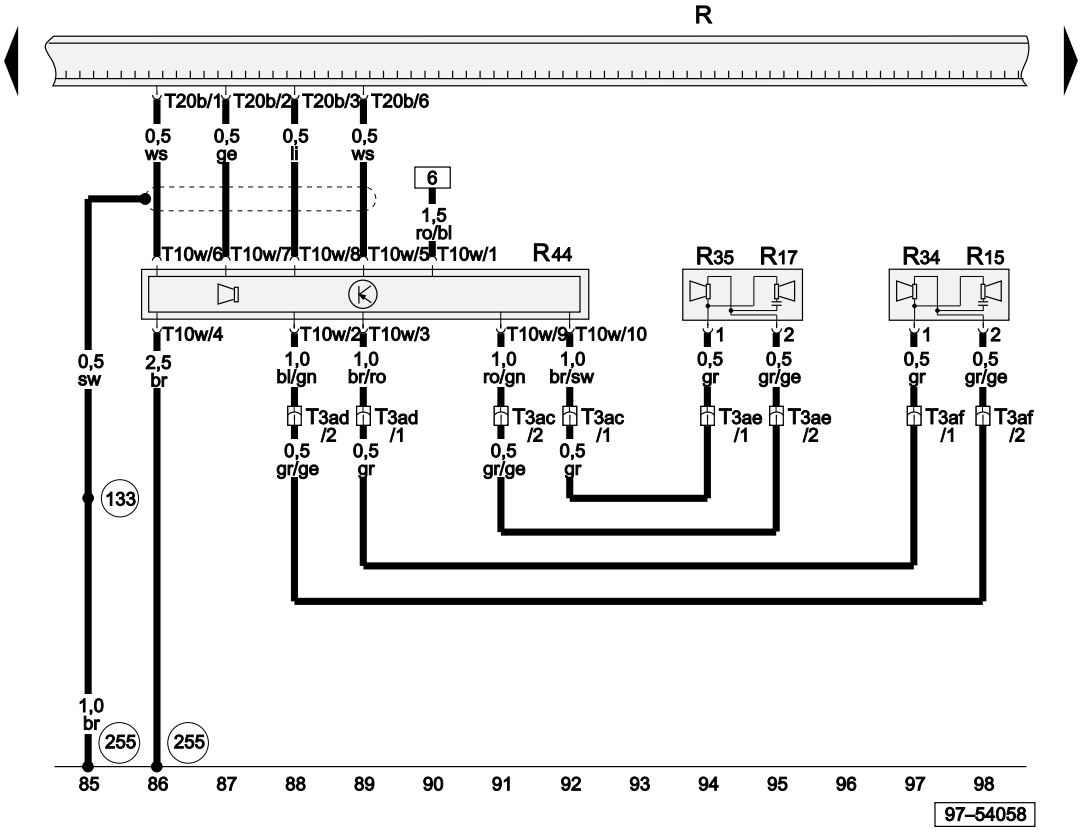


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Radio, active loudspeakers (Avant models)

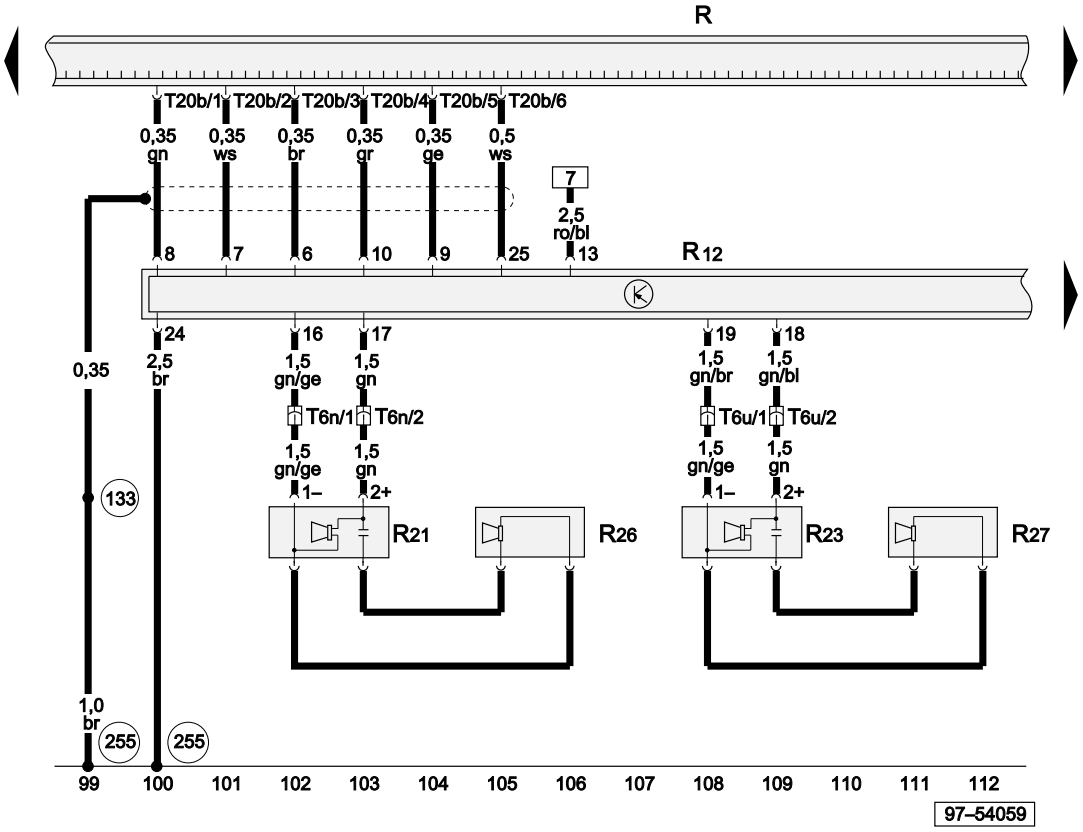
R	Radio
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T20b	20-pin connector, black, radio connector I
T10w	10-pin connector, red, luggage compartment, left
(133)	Earth connection, in loudspeaker wiring harness
(255)	Earth connection -1-, in radio wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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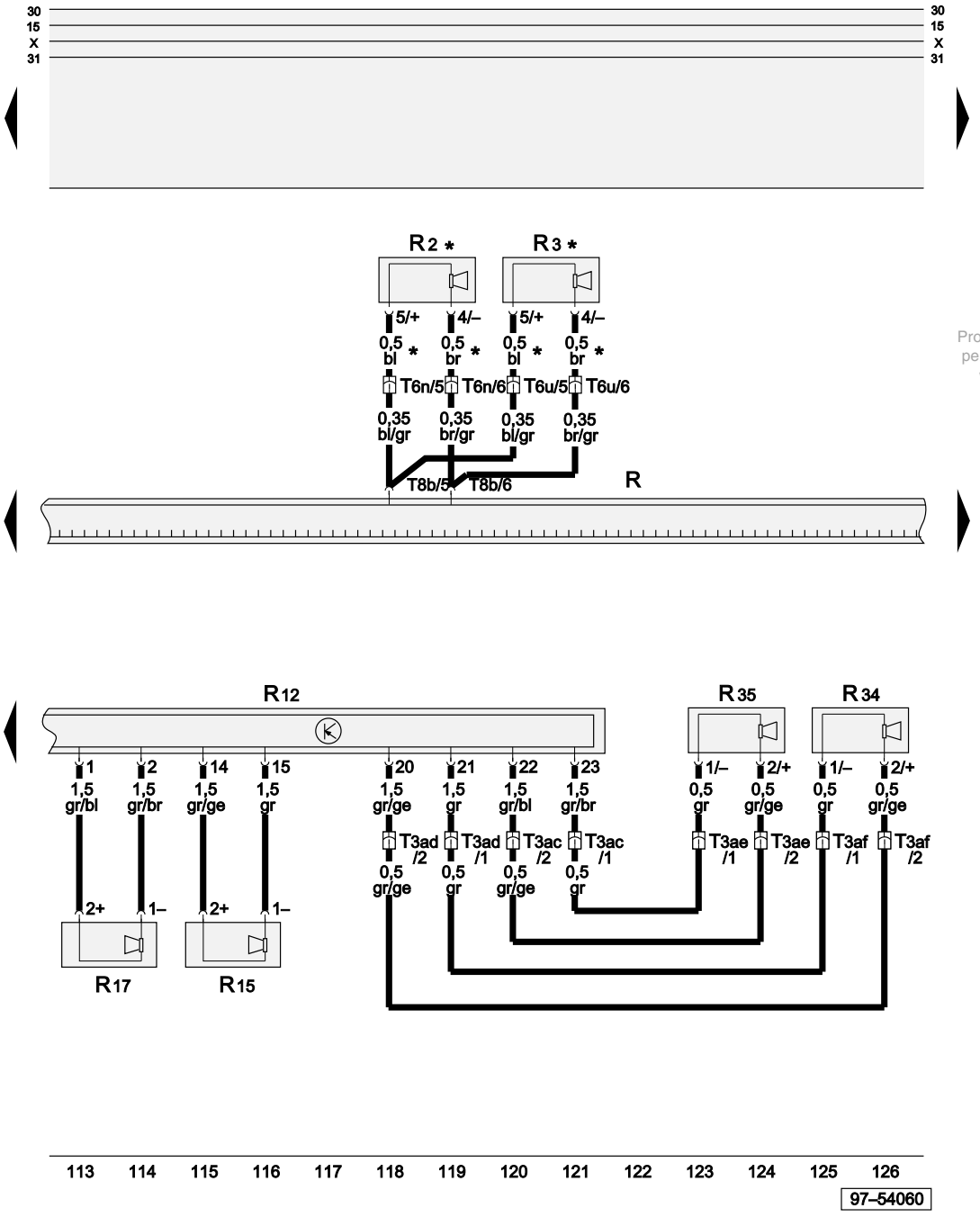
Radio, Bose sound system (saloon models)

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
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
(133)	Earth connection, in loudspeaker wiring harness
(255)	Earth connection -1-, in radio wiring harness



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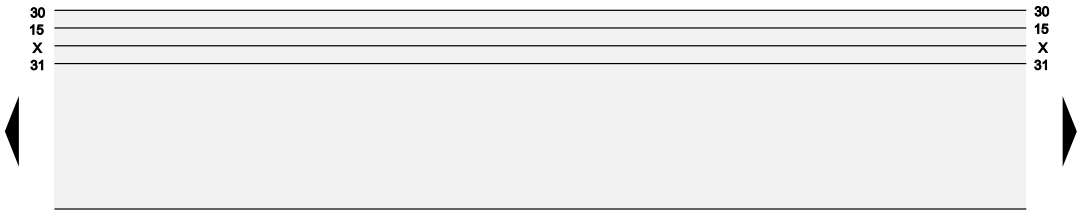


Radio, Bose sound system (saloon models)

R	Radio
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

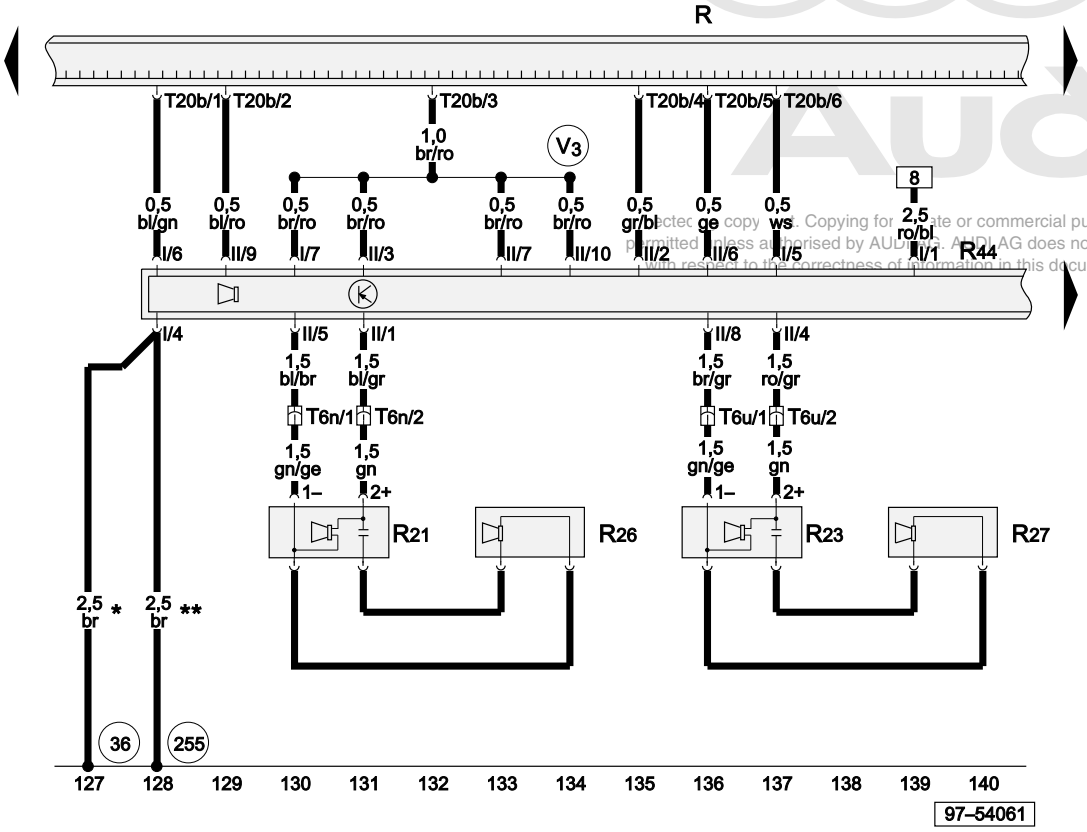
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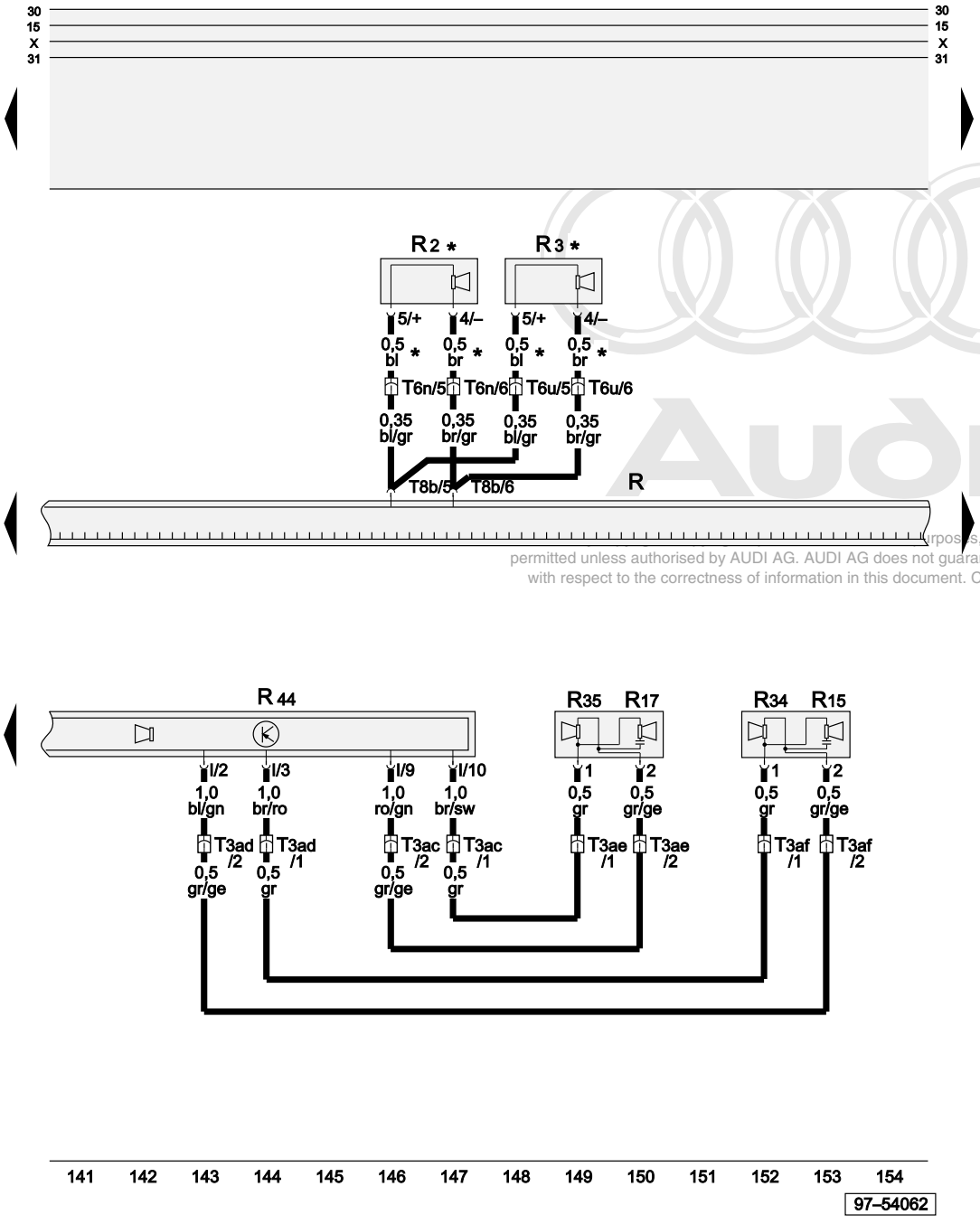
Radio, Bose sound system (Avant models)

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
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T20b	20-pin connector, black, radio connector I
36	Earth point, near handbrake lever
255	Earth connection -1-, in radio wiring harness
V3	Connection (audio frequency, NF), in rear loudspeaker wiring harness
*	Only models without CD changer
**	Only models with CD changer



ws	=	white
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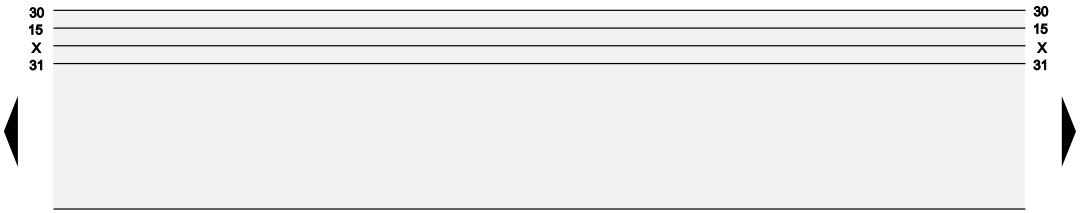


Radio, Bose sound system (Avant models)

R	Radio
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Middle-treble tone loudspeaker, rear left
R35	Middle-treble tone loudspeaker, rear right
R44	Amplifier with bass loudspeaker (luggage compartment, left)
T3ac	3-pin connector, yellow, at B pillar, right
T3ad	3-pin connector, yellow, at B pillar, left
T3ae	3-pin connector, black, in door, rear right
T3af	3-pin connector, black, in door, rear left
T6n	6-pin connector, green, at A pillar, left
T6u	6-pin connector, green, at A pillar, right
T8b	8-pin connector, brown, radio connector II
*	Only models with telephone

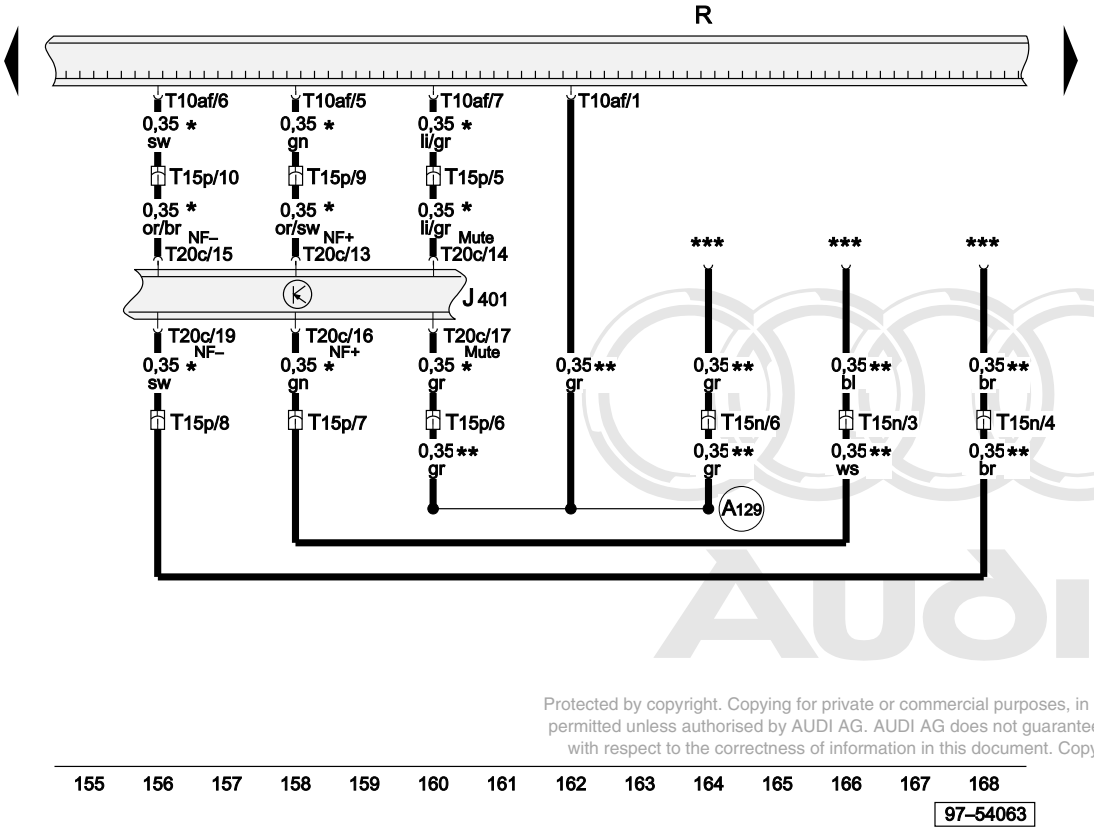
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rs	=	pink



Radio, navigation system control unit

J401	Navigation system with CD drive control unit
R	Radio
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
T15p	15-pin connector, red, behind dash panel, left
T20c	20-pin connector, black, on navigation control unit
A129	Connection (muting), in dash panel wiring harness
*	Only models with navigation system
**	Only models with navigation system and telephone/telematics
***	See applicable Current Flow Diagram: Telephone/telematics



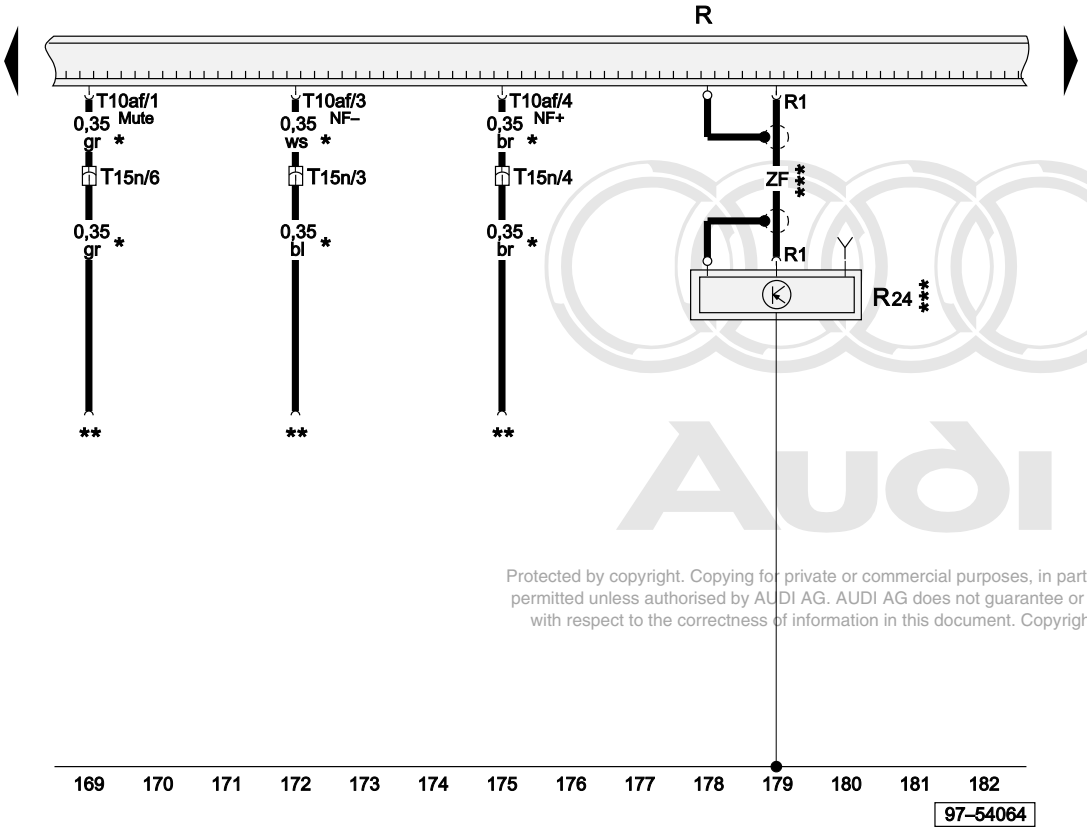
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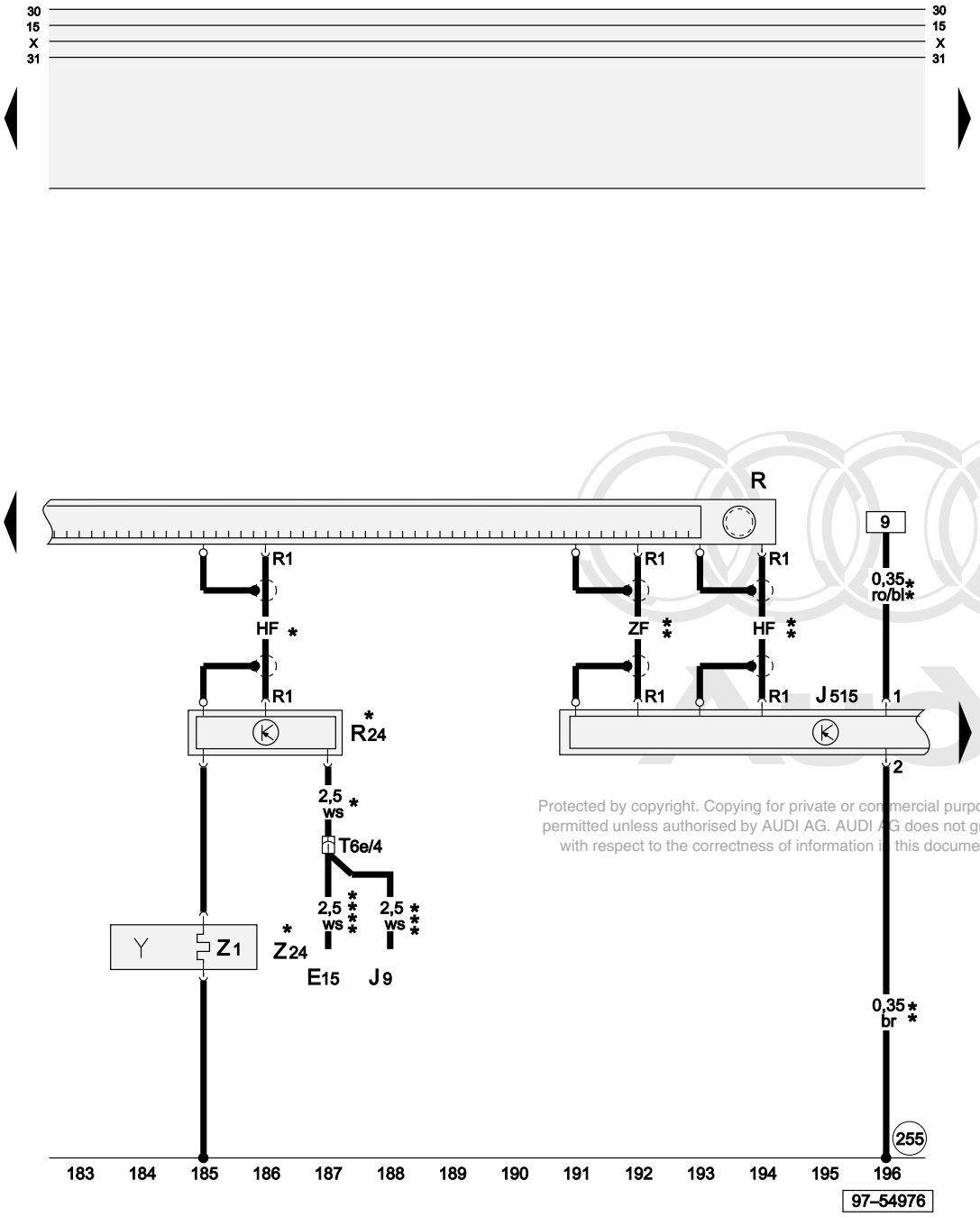
Radio, aerial for radio Chorus and Concert (Avant models)

R	Radio
R1	Aerial connection
R24	Aerial amplifier
T10af	10-pin connector, red, radio connector IV
T15n	15-pin connector, brown, in centre console
*	Only models with telephone/telematics (without navigation system)
**	See applicable Current Flow Diagram: Telephone/telematics
***	Aerial for radio Chorus and Concert (Avant models)



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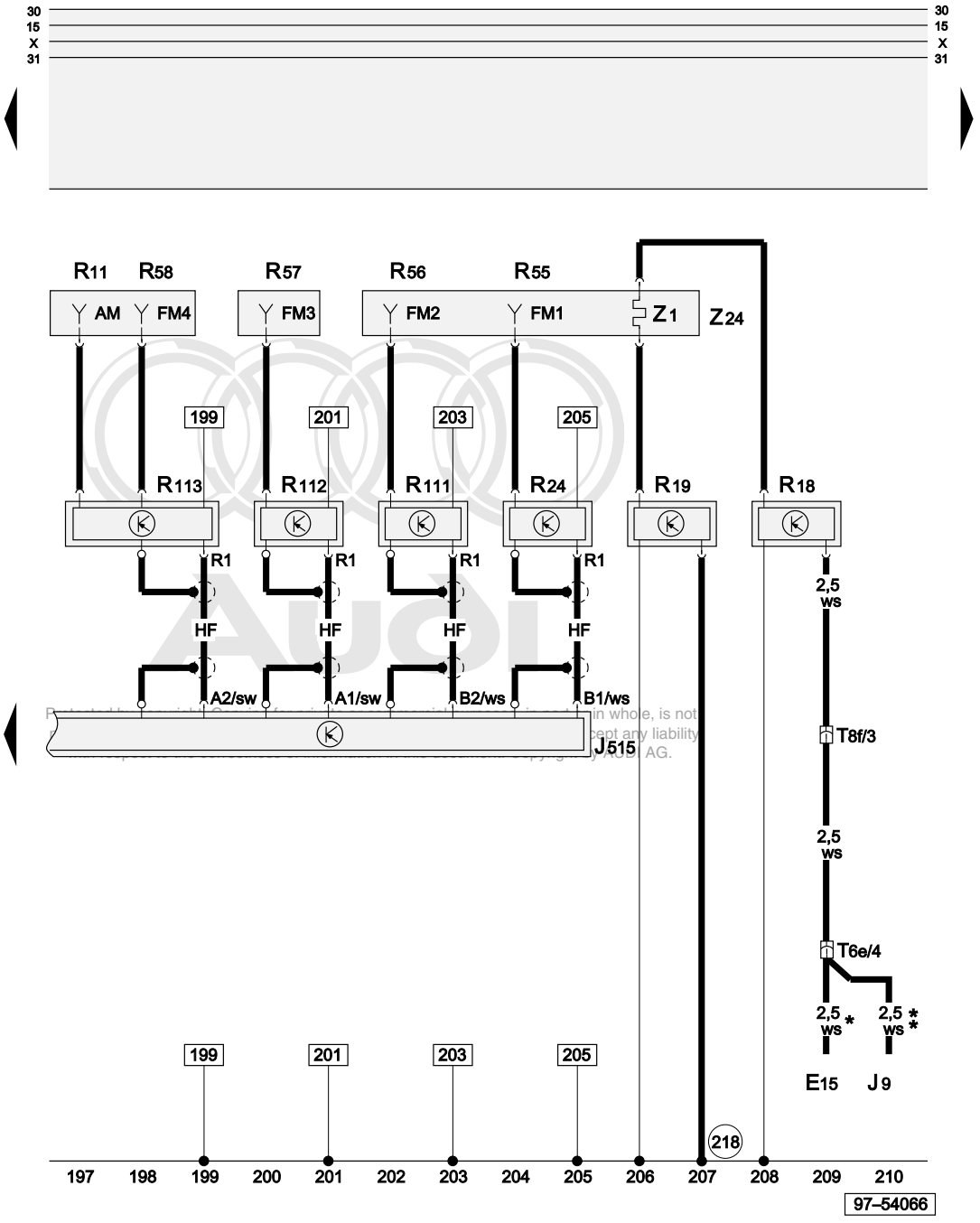


Radio, aerial for radio Chorus and Concert (saloon models)

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R	Radio
R1	Aerial connection
R24	Aerial amplifier
T6e	6-pin connector, blue, left connector point, A pillar
Z1	Heated rear window
Z24	Heated rear window with window aerial
255	Earth connection -1-, in radio wiring harness
*	Aerial for radio Chorus and Concert (saloon models)
**	Aerial for radio Symphony
***	Only models with air conditioner
****	Models without 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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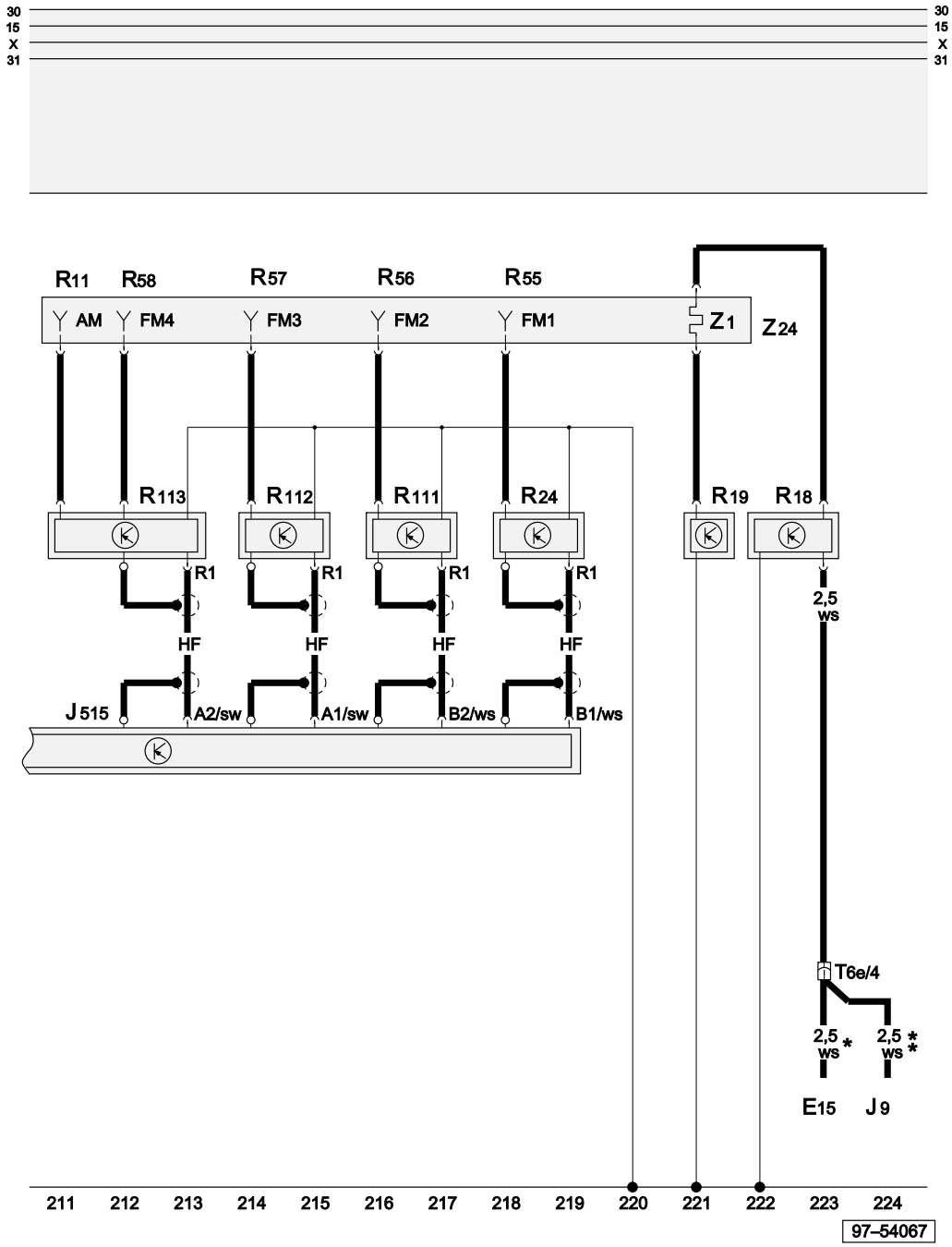


Aerials for radio Symphony (Avant models)

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R111	Aerial amplifier -2-
R112	Aerial amplifier -3-
R113	Aerial amplifier -4-
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
Z1	Heated rear window
Z24	Heated rear window with window aerial
218	Earth connection -1-, in tailgate wiring harness
*	Only models with air conditioner
**	Models without air conditioner

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Aerials for radio Symphony (saloon models)

E15	Heated rear window switch
J9	Heated rear window relay
J515	Aerial selection control unit
R1	Aerial connection
R11	Aerial
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R58	TV aerial 4
R111	Aerial amplifier -2-
R112	Aerial amplifier -3-
R113	Aerial amplifier -4-
T6e	6-pin connector, blue, left connector point, A pillar
Z1	Heated rear window
Z24	Heated rear window with window aerial
*	Only models with air conditioner
**	Models without air conditioner

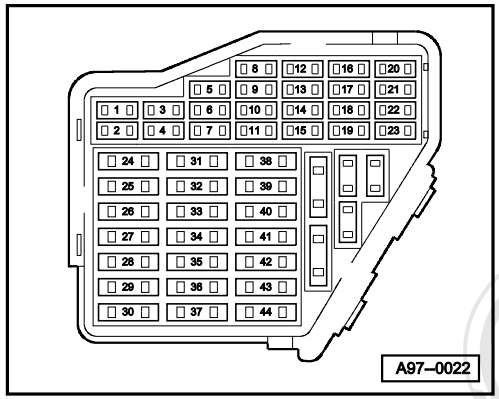
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Headlights with gas discharge lamps and automatic headlight range control

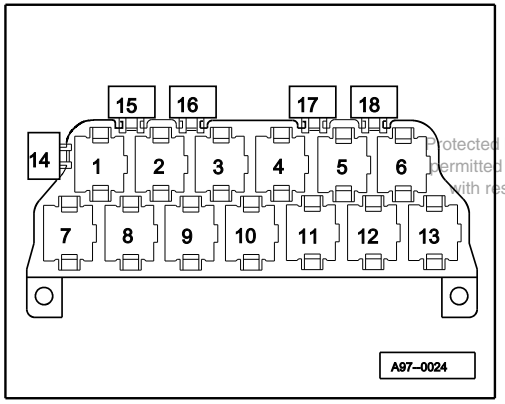
From model year 2000

Fuse box:



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 (J124)
5 - Bulb monitoring device (J124)

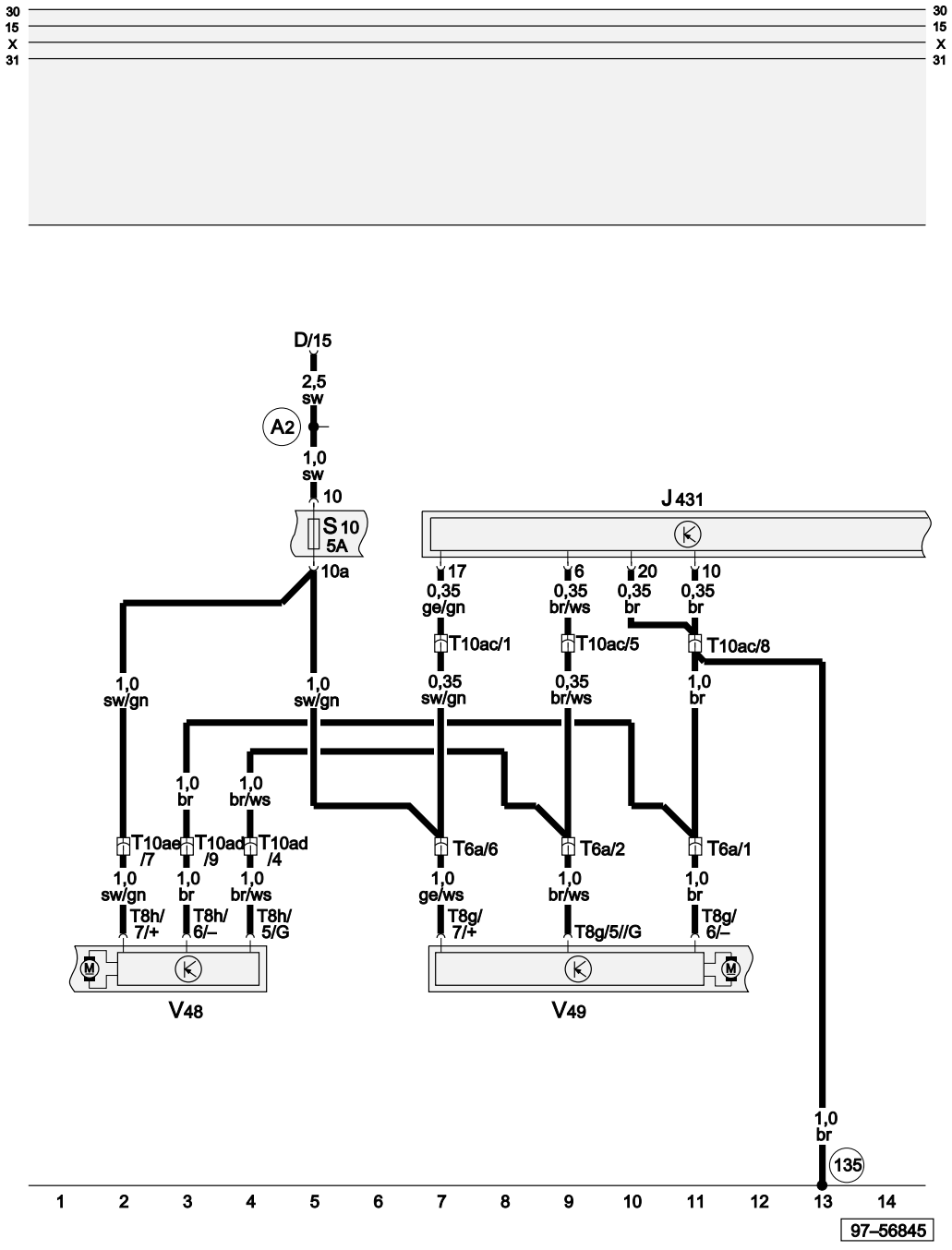
Fuse colours:

30 A - green
25 A - white

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20 A - yellow
15 A - blue
10 A - red

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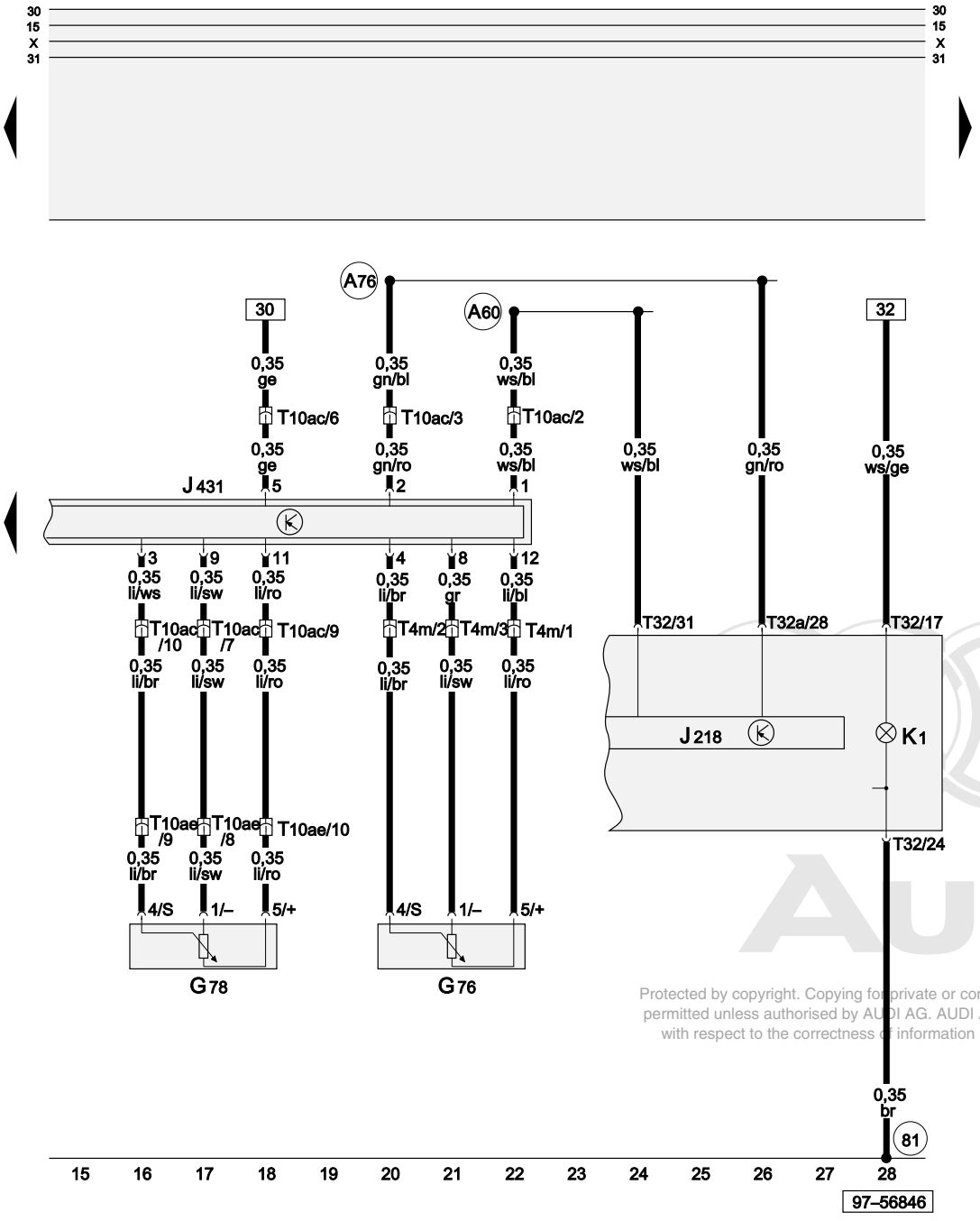


Control unit for headlight range control, left headlight range control motor, right headlight range control motor

D	Ignition/starter switch
J431	Headlight range control, control unit
S10	Fuse in fuse box/relay plate
T6a	6-pin connector, red, right connector point, A pillar
T8g	8-pin connector, headlight, right
T8h	8-pin connector, headlight, left
T10ac	10-pin connector, blue, right connector point, A pillar
T10ad	10-pin connector, red, left connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
V48	Headlight range control motor, left
V49	Headlight range control motor, right
A2	Positive (+) connection (15), in dash panel wiring harness
135	Earth connection -2-, in dash panel wiring harness

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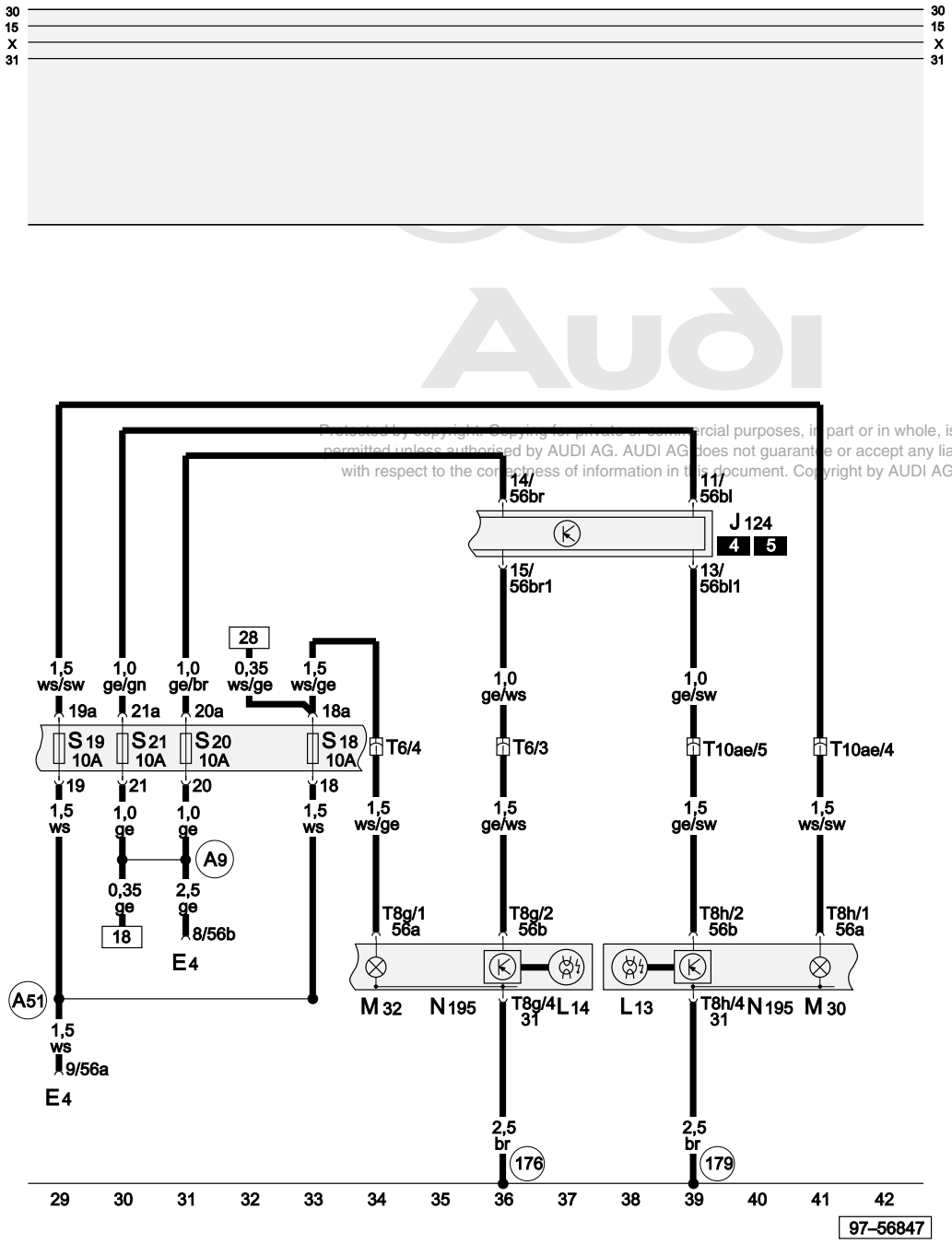


Rear left vehicle level sender, front left vehicle level sender, combi-processor in dash panel insert

G76	Vehicle level sender, rear left (electrical headlight range control)
G78	Vehicle level sender, front left (electrical headlight range control)
J218	Combi-processor in dash panel insert
J431	Headlight range control, control unit
K1	Main beam warning lamp
T4m	4-pin connector, black, under rear seat, left
T10ac	10-pin connector, blue, right connector point, A pillar
T10ae	10-pin connector, light pink, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
81	Earth connection -1-, in dash panel wiring harness
A60	Connection (vehicle speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness

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Fuse box, headlights

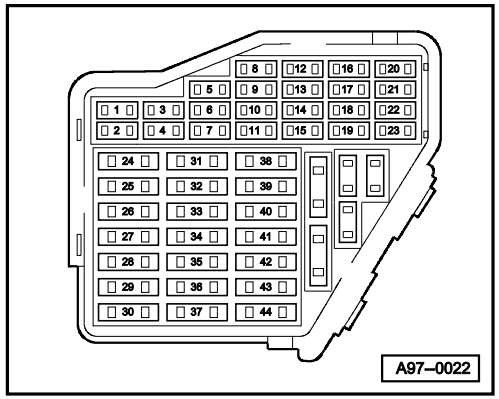
E4	Headlight dipper/flasher switch
J124	Bulb monitoring device, rear
L13	Left gas discharge lamp
L14	Right gas discharge lamp
M30	Main beam bulb, left
M32	Main beam bulb, right
N195	Gas discharge lamp starter unit
S18	Fuse in fuse box
S19	Fuse in fuse box
S20	Fuse in fuse box
S21	Fuse in fuse box
T6	6-pin connector, light pink, right connector point, A pillar
T8g	8-pin connector, headlight, right
T8h	8-pin connector, headlight, left
T10ae	10-pin connector, light pink, 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
A51	Connection (56), in dash panel wiring harness

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

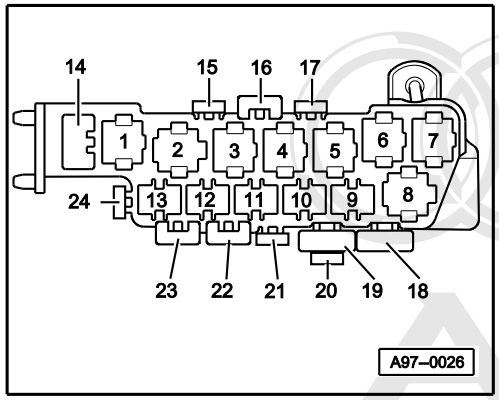
From model year 2000

Fuse box:



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:

5 - Door warning lamps control unit

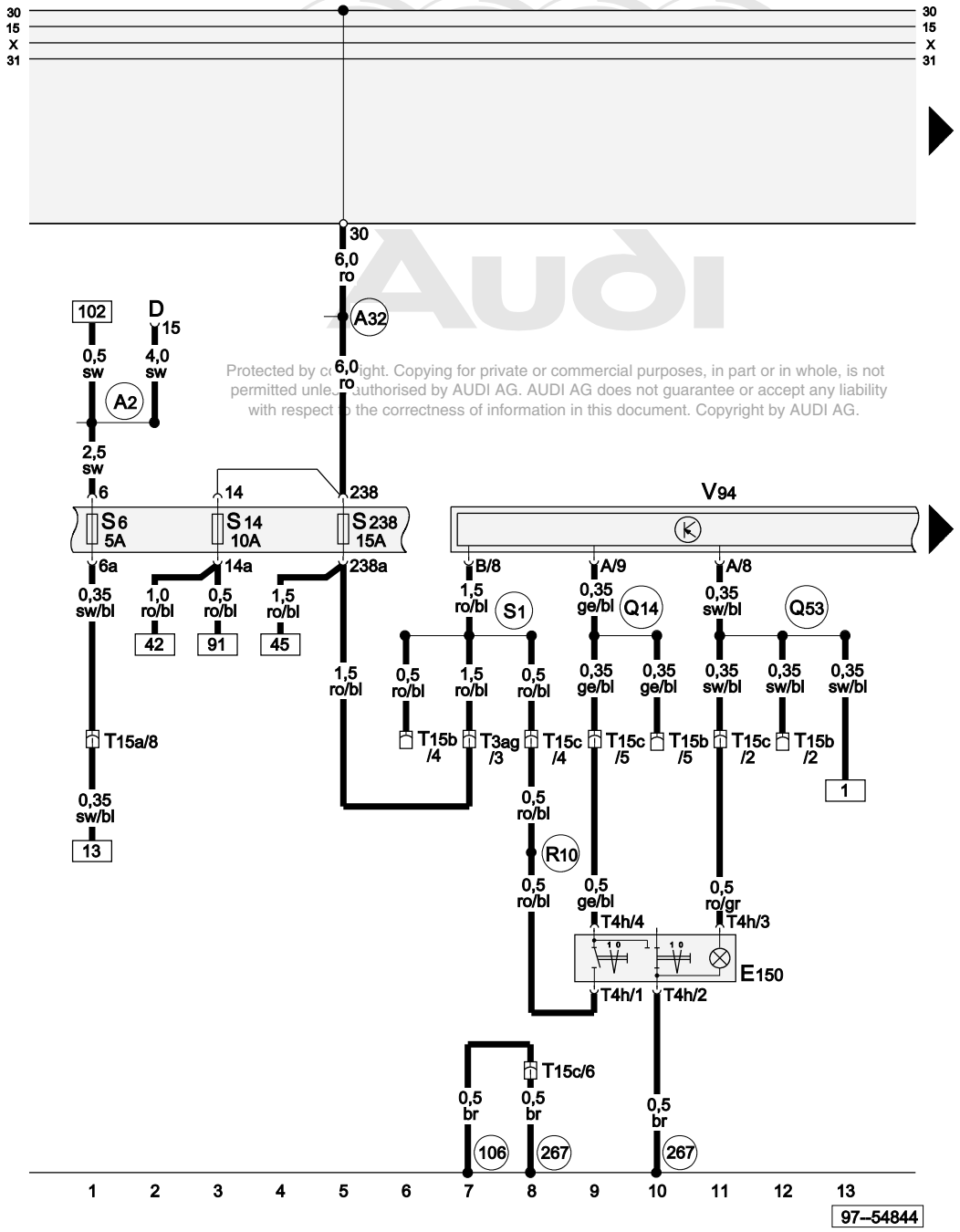
Fuse colours

30 A - green
25 A - white
20 A - yellow

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15 A - blue
10 A - red

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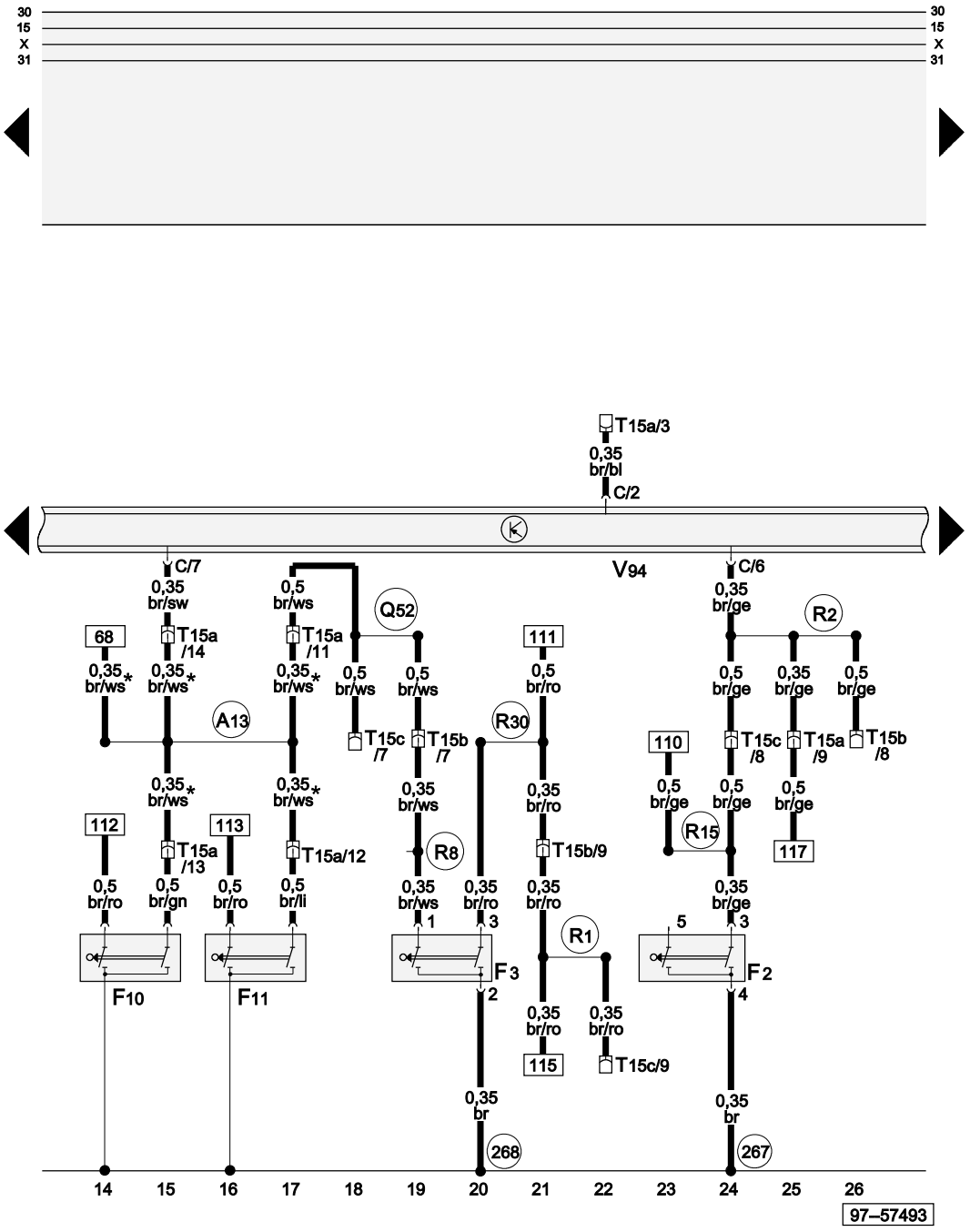


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Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

D	Ignition/starter switch
E150	Interior locking switch, driver's side
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T3ag	3-pin connector, black, right connector point, A pillar
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q14	Connection (isolation switch), in central locking wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
S1	Positive (+) connection (30), in central locking wiring harness

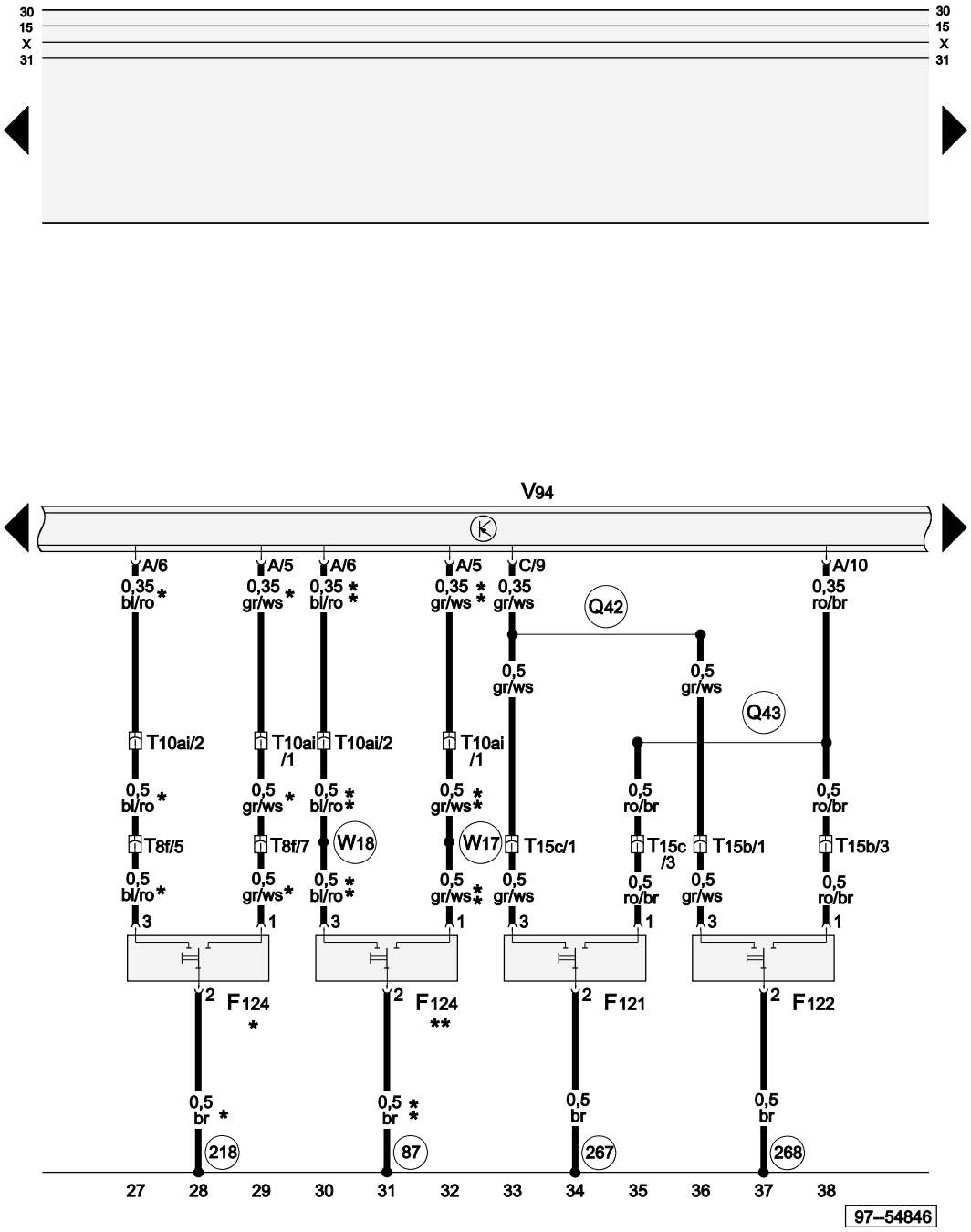


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gr = grey
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or = orange
rs = pink

Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity 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
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front passenger's side
A13	Connection (door contact switch), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models without multi-function display

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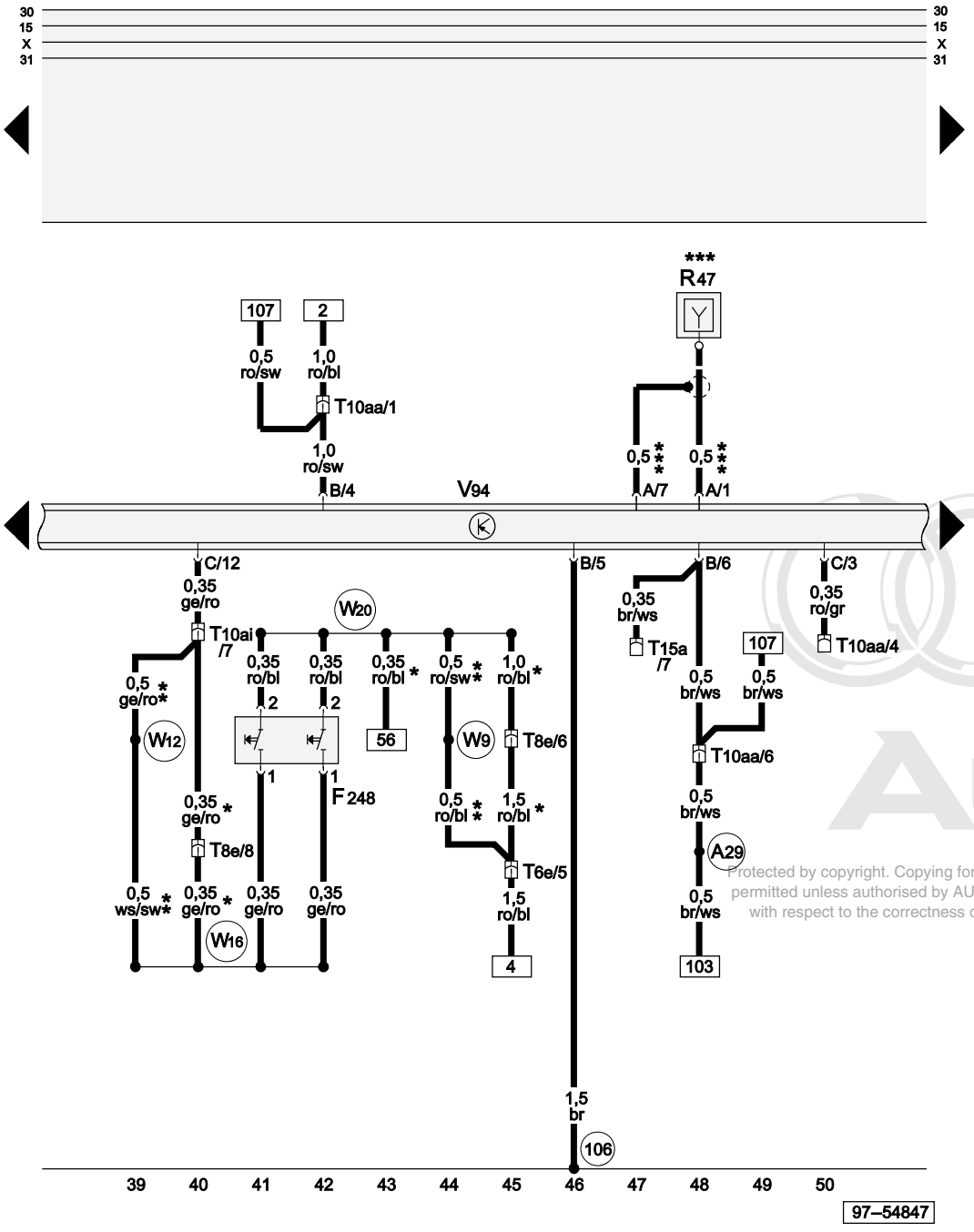


Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

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
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front 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 saloon models only

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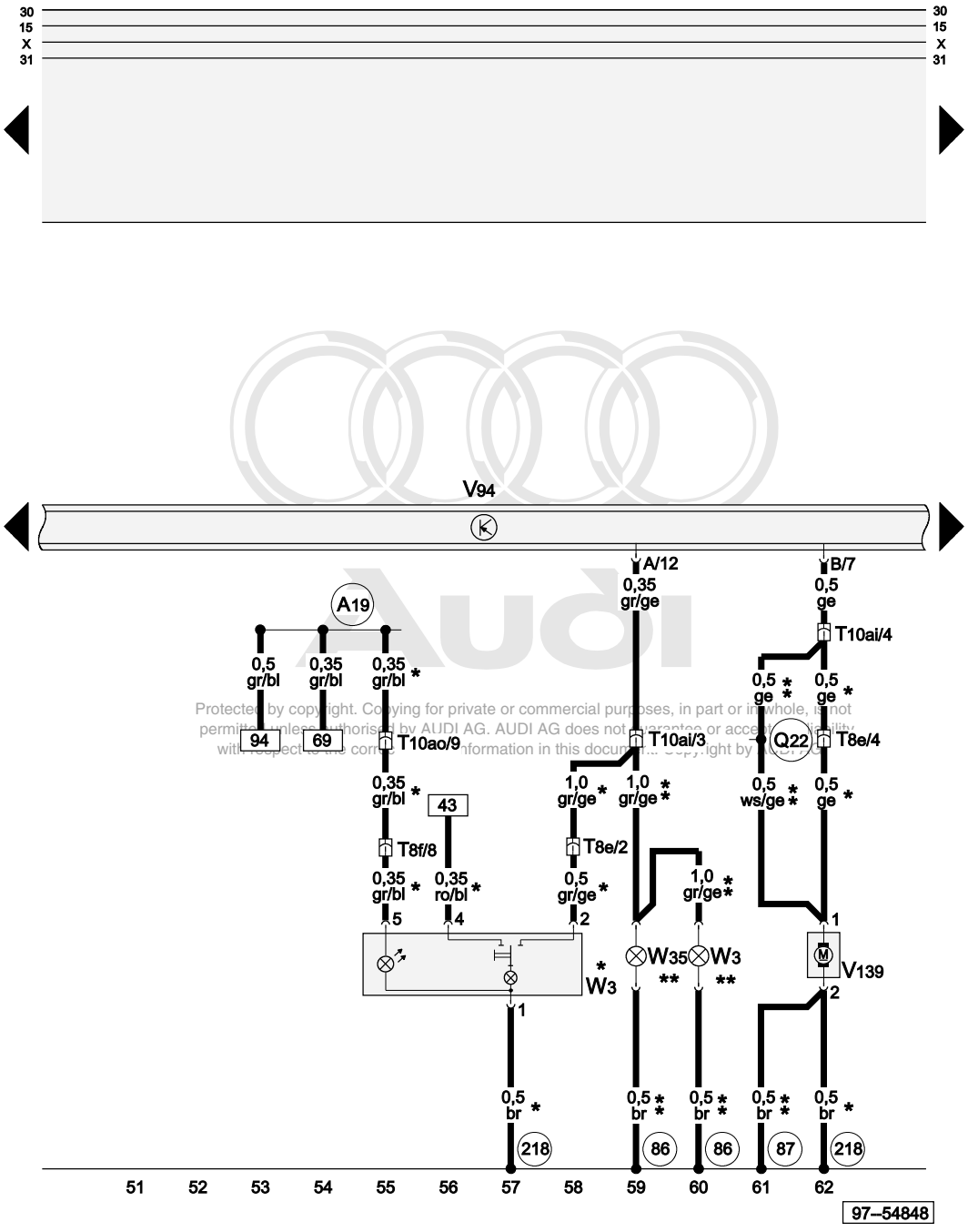


Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

F248	Release button for rear lid lock cylinder
R47	Central locking and anti-theft alarm system aerial
T6e	6-pin connector, blue, left connector point, A pillar
T8e	8-pin connector, black, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
106	Earth connection, in anti-theft alarm system wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
W9	Positive (+) connection (30), in rear wiring harness
W12	Connection (DWA (anti-theft alarm system)), in rear lid wiring harness, left
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloon models only
***	Only applies to models with radio-operated remote control

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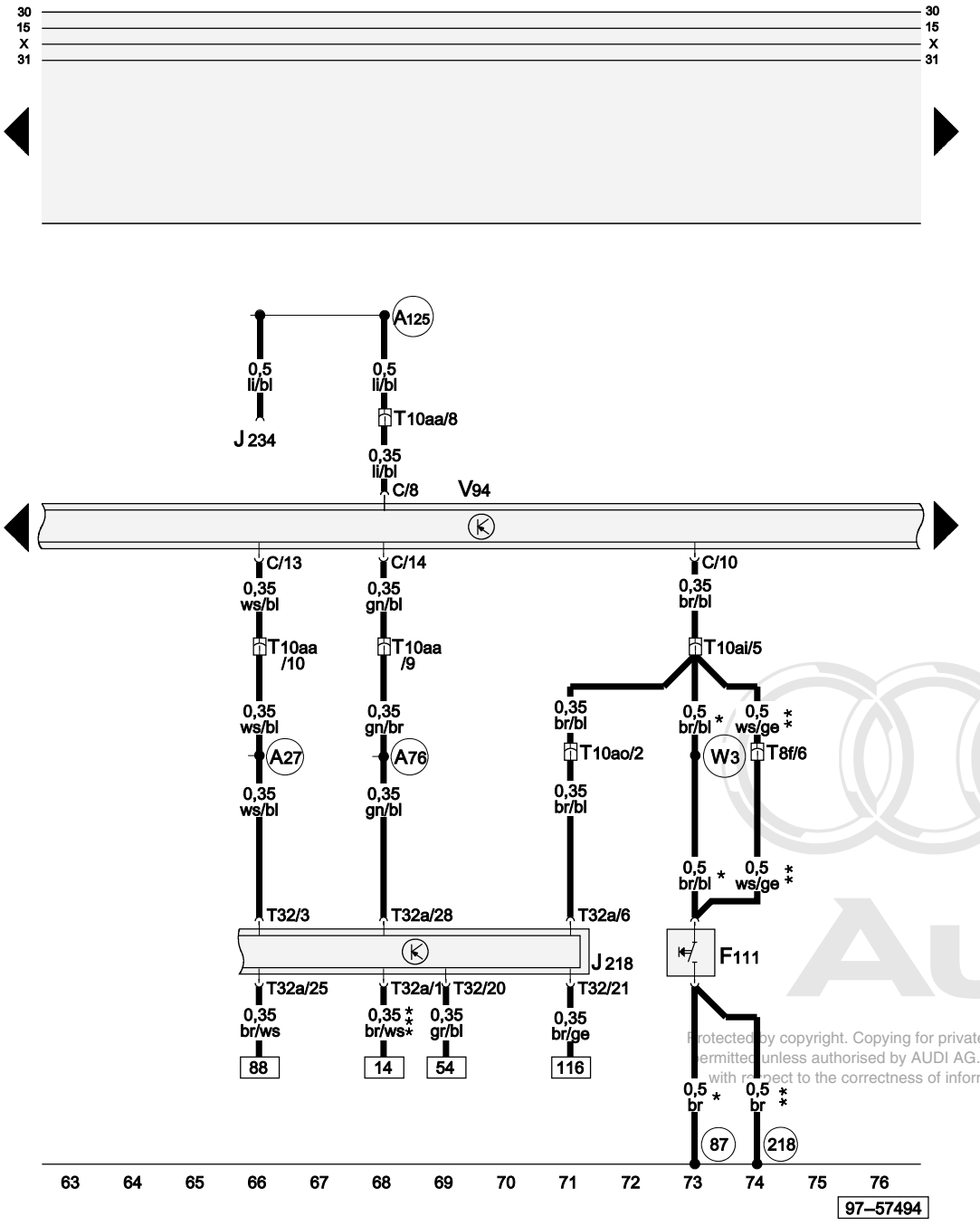


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Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
V139	Rear lid release motor
W3	Luggage compartment light
W35	Luggage compartment light, right
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
218	Earth connection -1-, in rear lid wiring harness
A19	Connection (58d), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloon models only

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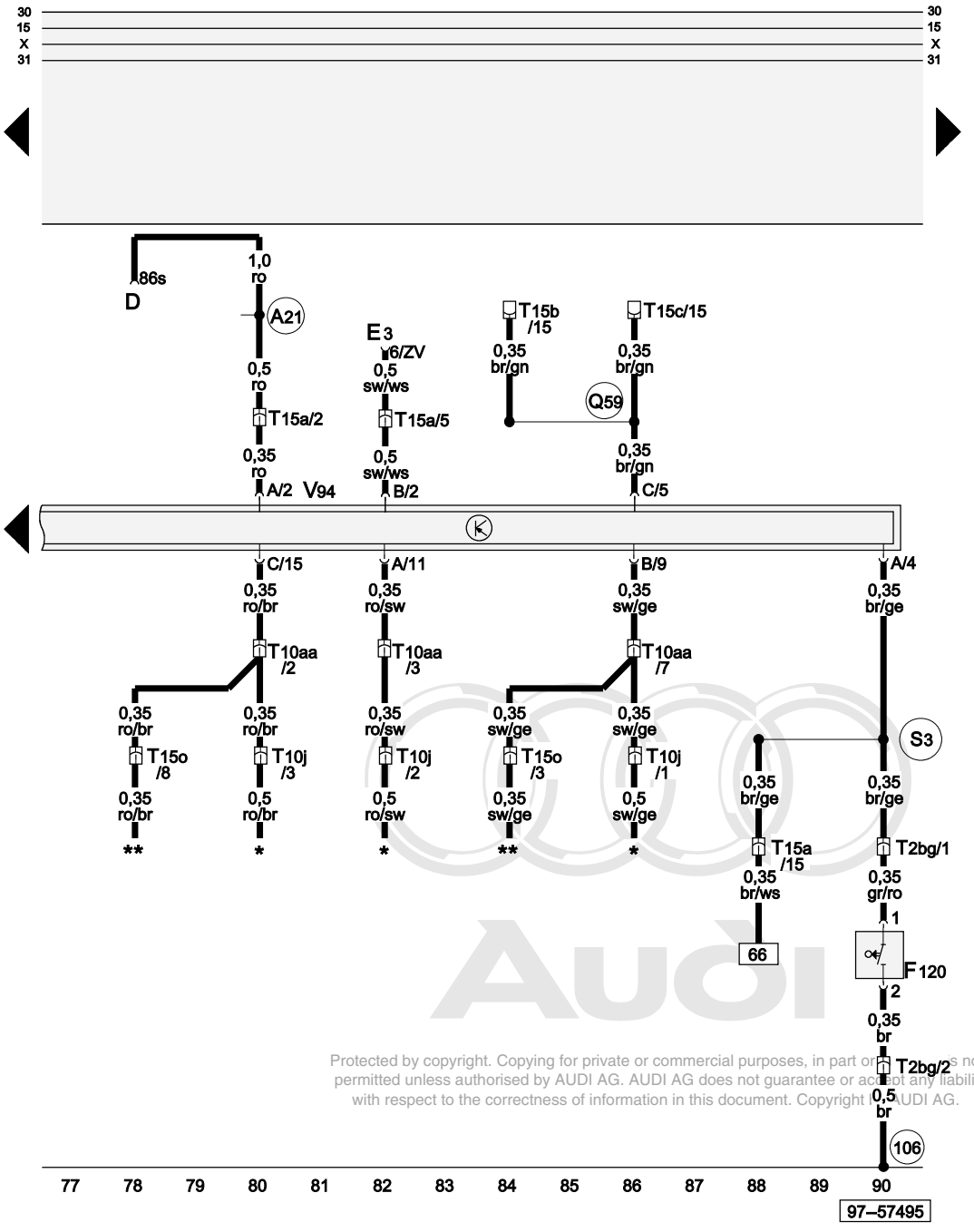


Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

F111	Rear lid contact switch
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T8f	8-pin connector, brown, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
W3	Connection, in rear wiring harness
*	Applies to Audi saloon models only
**	Applies to Audi Avant models only
***	Only applies to models without multi-function display

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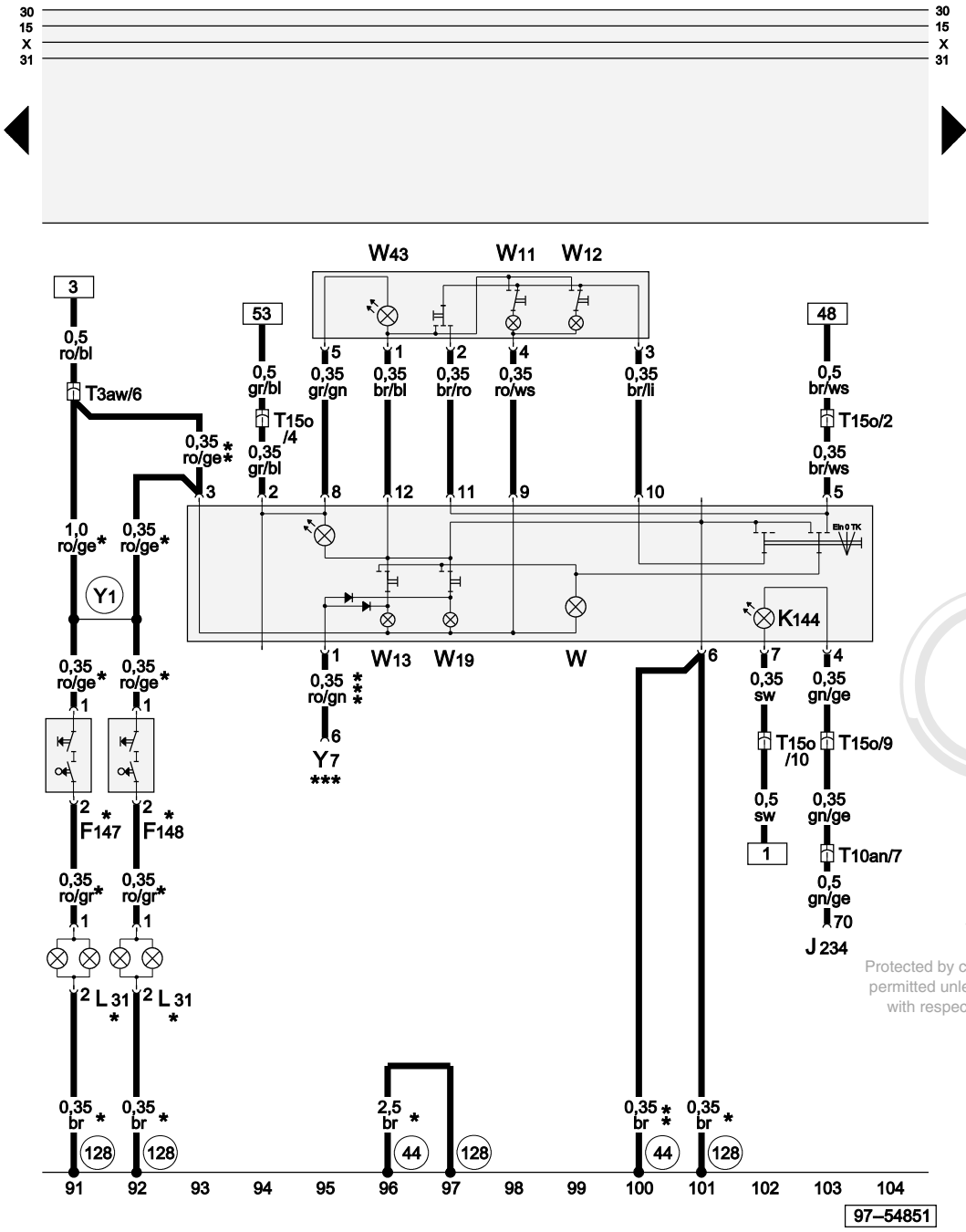


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Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

D	Ignition/starter switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T2bg	2-pin connector, grey, near anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
106	Earth connection, in anti-theft alarm system wiring harness
A21	Connection (86s), in dash panel wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
S3	Connection (switch/control unit), in central locking system wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof

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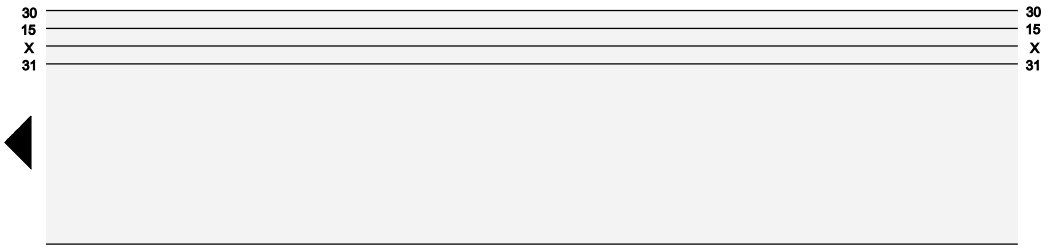


Central locking system with interior lights switch-off delay, reading lamps and illuminated vanity mirrors

F147	Vanity mirror contact switch, driver's side
F148	Vanity mirror contact switch, front passenger's side
J234	Airbag control unit
K144	Airbag disabled warning lamp, driver's side
L31	Vanity mirror light bulb
T3aw	3-pin connector, grey, left connector point, A pillar
T10an	10-pin connector, yellow, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
W	Interior light, front
W11	Reading lamp, rear left
W12	Reading lamp, rear right
W13	Front passenger reading lamp
W19	Reading lamp, driver's side
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
44	Earth point, lower part of left A pillar
128	Earth connection -1-, in interior light wiring harness
Y1	Positive (+) connection (30), in interior light wiring harness
*	Only applies to models with illuminated vanity mirror
**	Does not apply to models with illuminated vanity mirror
***	Only applies to models with automatic anti-dazzle interior mirror

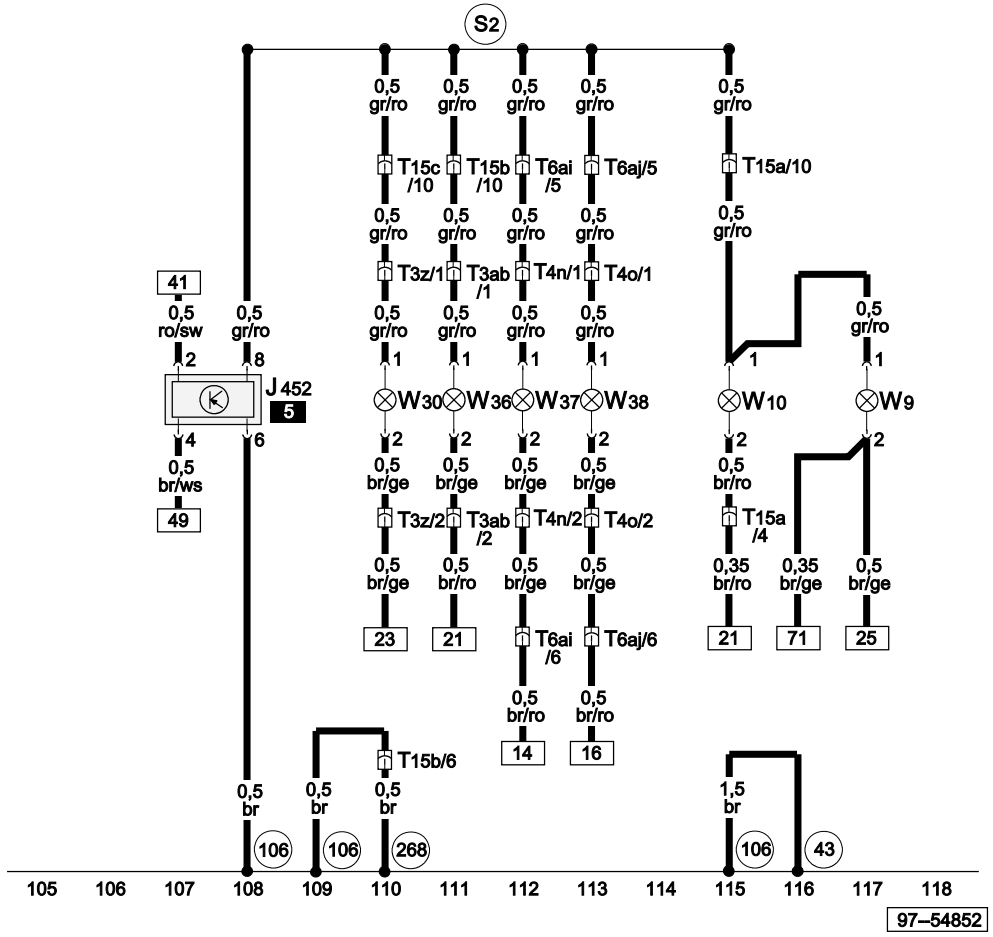
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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

J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
43	Earth point, lower part of right A pillar
106	Earth connection, in anti-theft alarm system wiring harness
268	Earth connection -2-, in door wiring harness - front passenger's side
S2	Connection, in central locking wiring harness



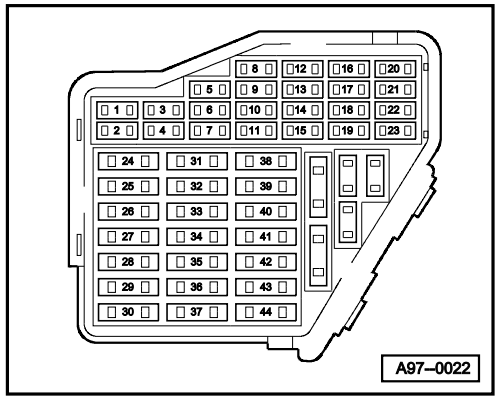
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Central locking and anti-theft alarm system with interior monitoring

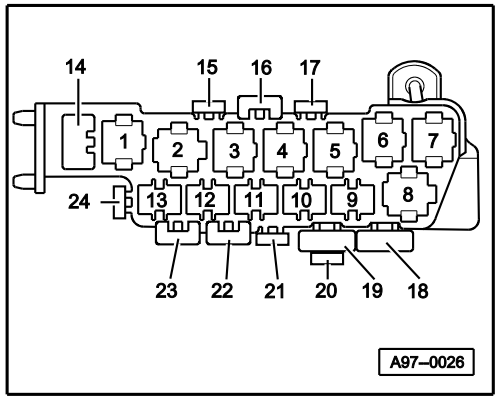
From model year 2000

Fuse box:



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:

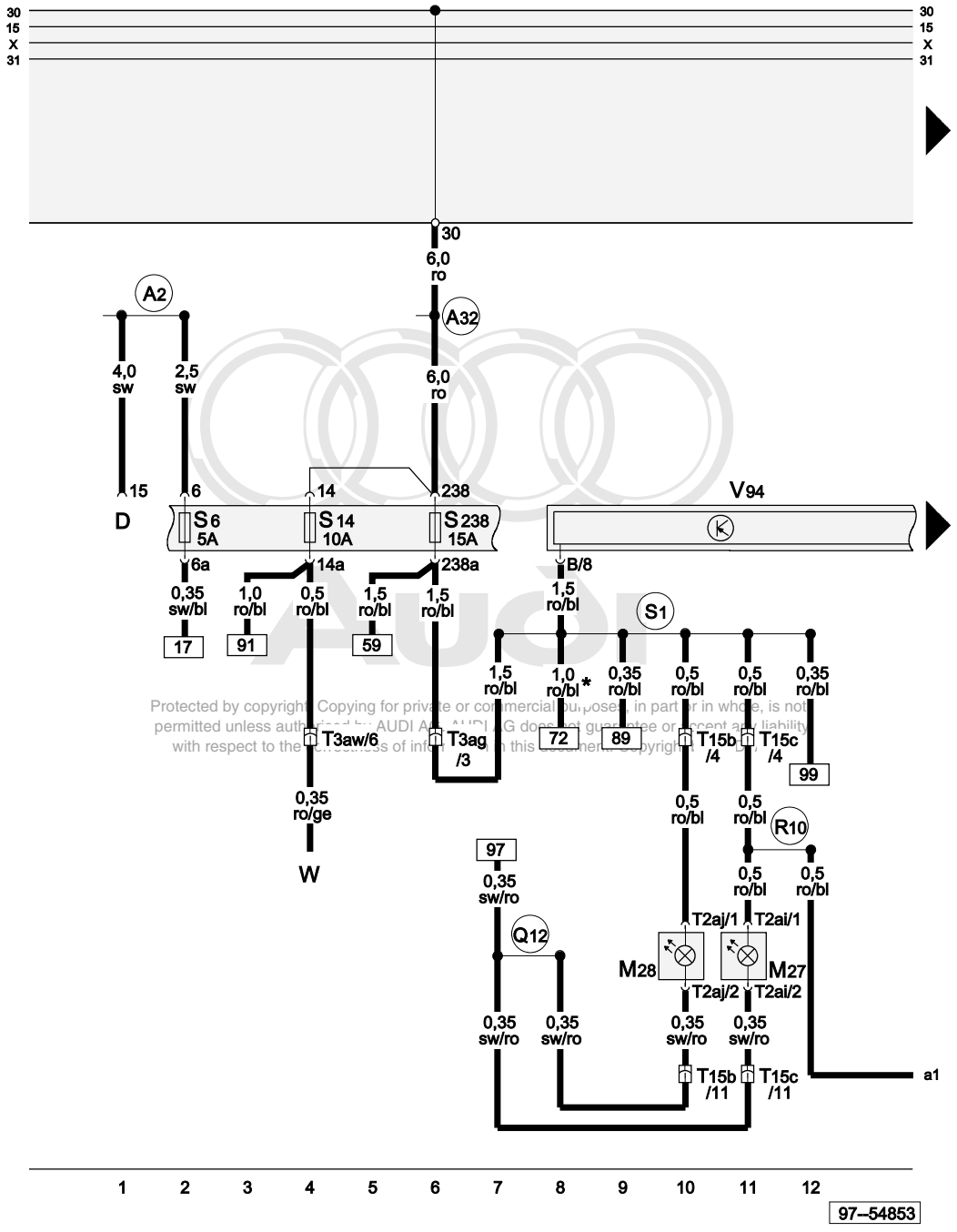
5 - Door warning lamps control unit

Fuse colours

30 A - green
25 A - white
20 A - yellow

15 A - blue
10 A - red

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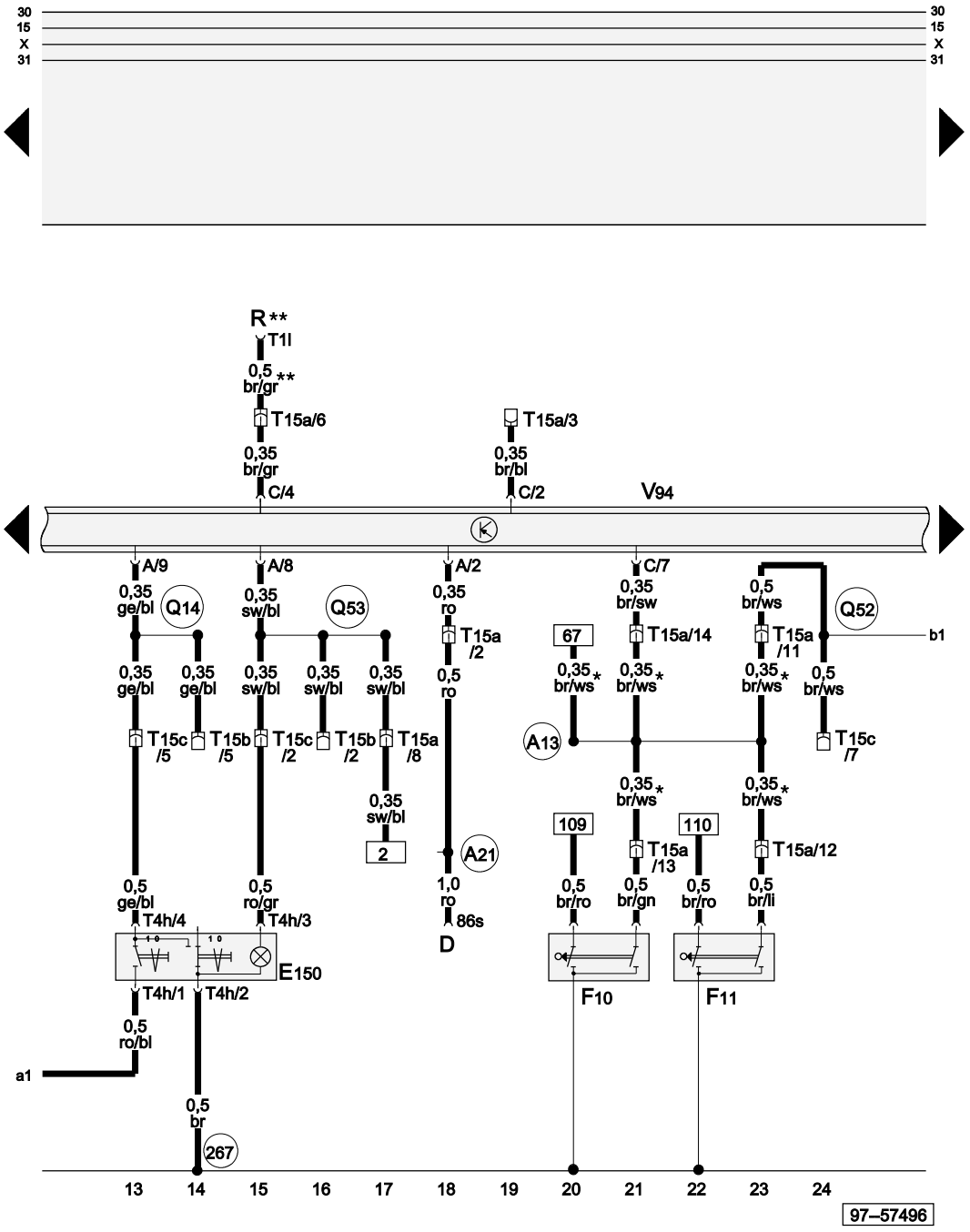


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Central locking and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
M27	Door warning lamp, left
M28	Door warning lamp, right
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T2ai	2-pin connector, grey, in driver's door
T2aj	2-pin connector, grey, in front passenger's door
T3ag	3-pin connector, black, right connector point, A pillar
T3aw	3-pin connector, grey, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q12	Positive (+) connection (30ac), in central locking wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
S1	Positive (+) connection (30), in central locking wiring harness
*	Only models for Great Britain

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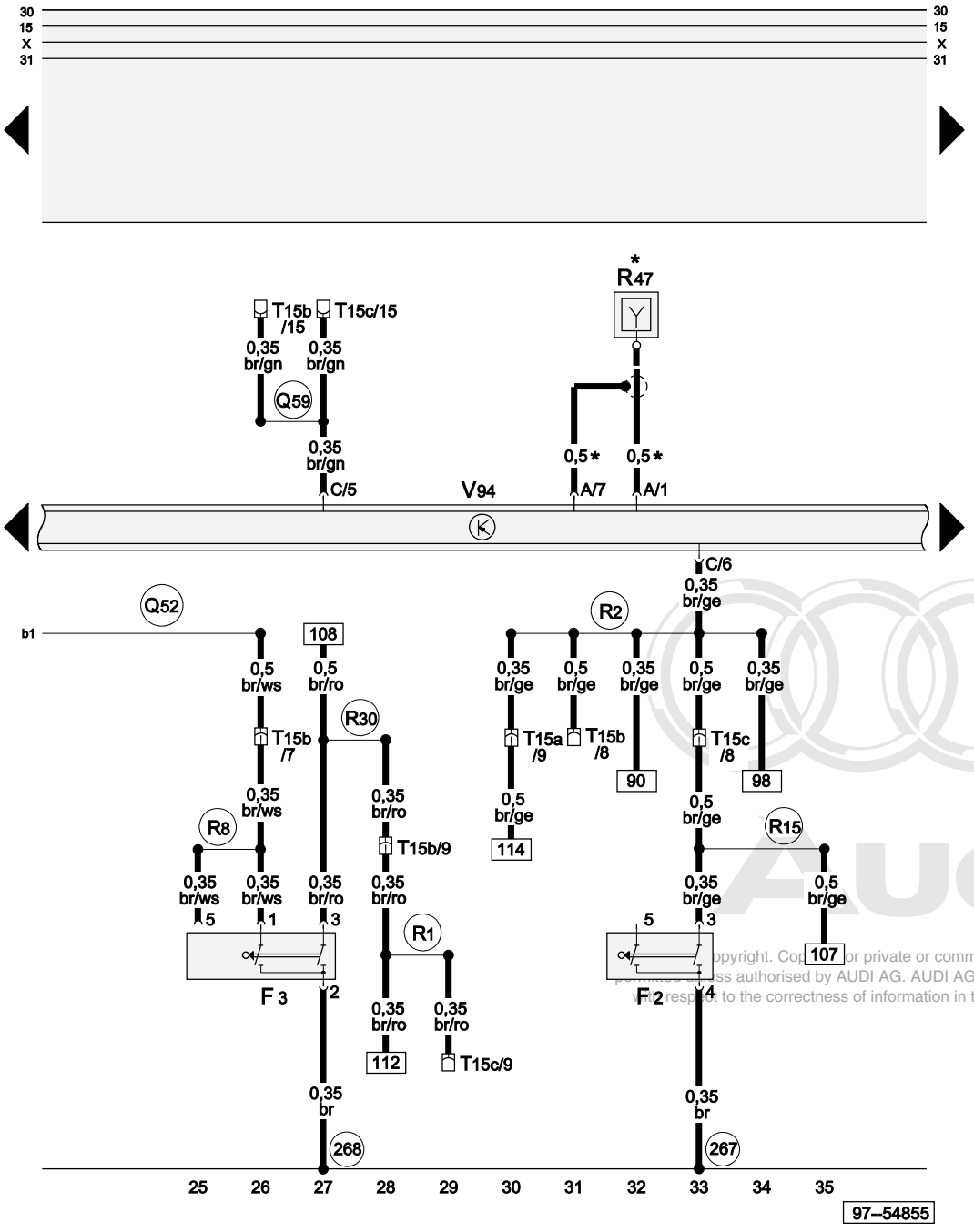


Central locking and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
E150	Interior locking switch, driver's side
F10	Rear left door contact switch
F11	Rear right door contact switch
R	Radio
T1l	Single connector, brown, on radio
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A13	Connection (door contact switch), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
Q14	Connection (isolation switch), in central locking wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
*	Only applies to models without multi-function display
**	Only applies to models with radio

ws	=	white
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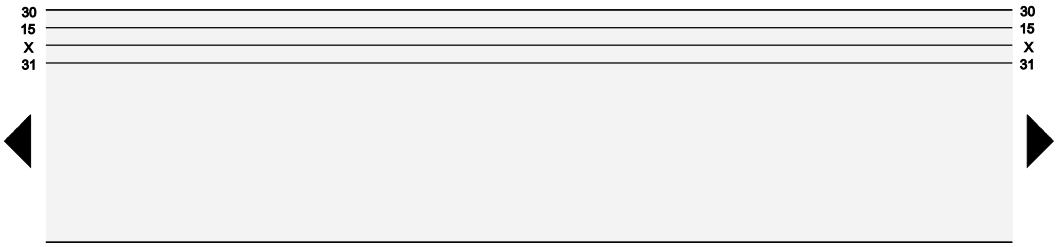


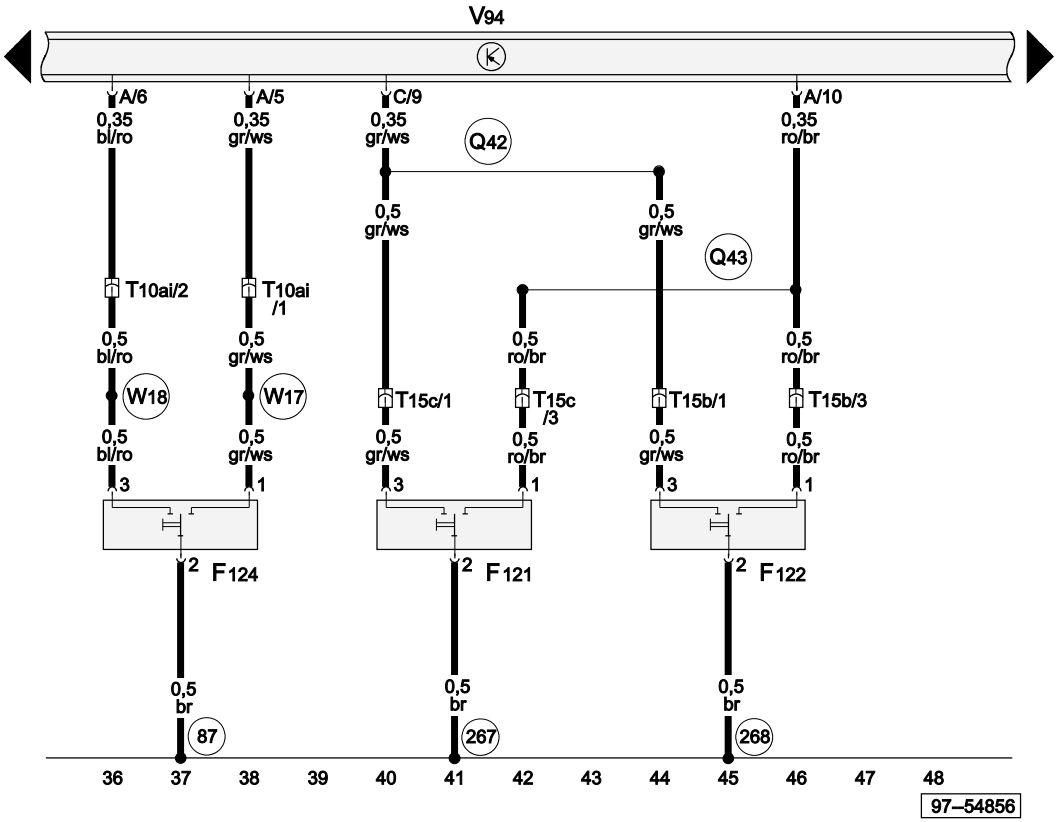
Central locking and anti-theft alarm system with interior monitoring

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
R47	Central locking and anti-theft alarm system aerial
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
268	Earth connection -2-, in door wiring harness - front passenger's side
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models with radio-operated remote control

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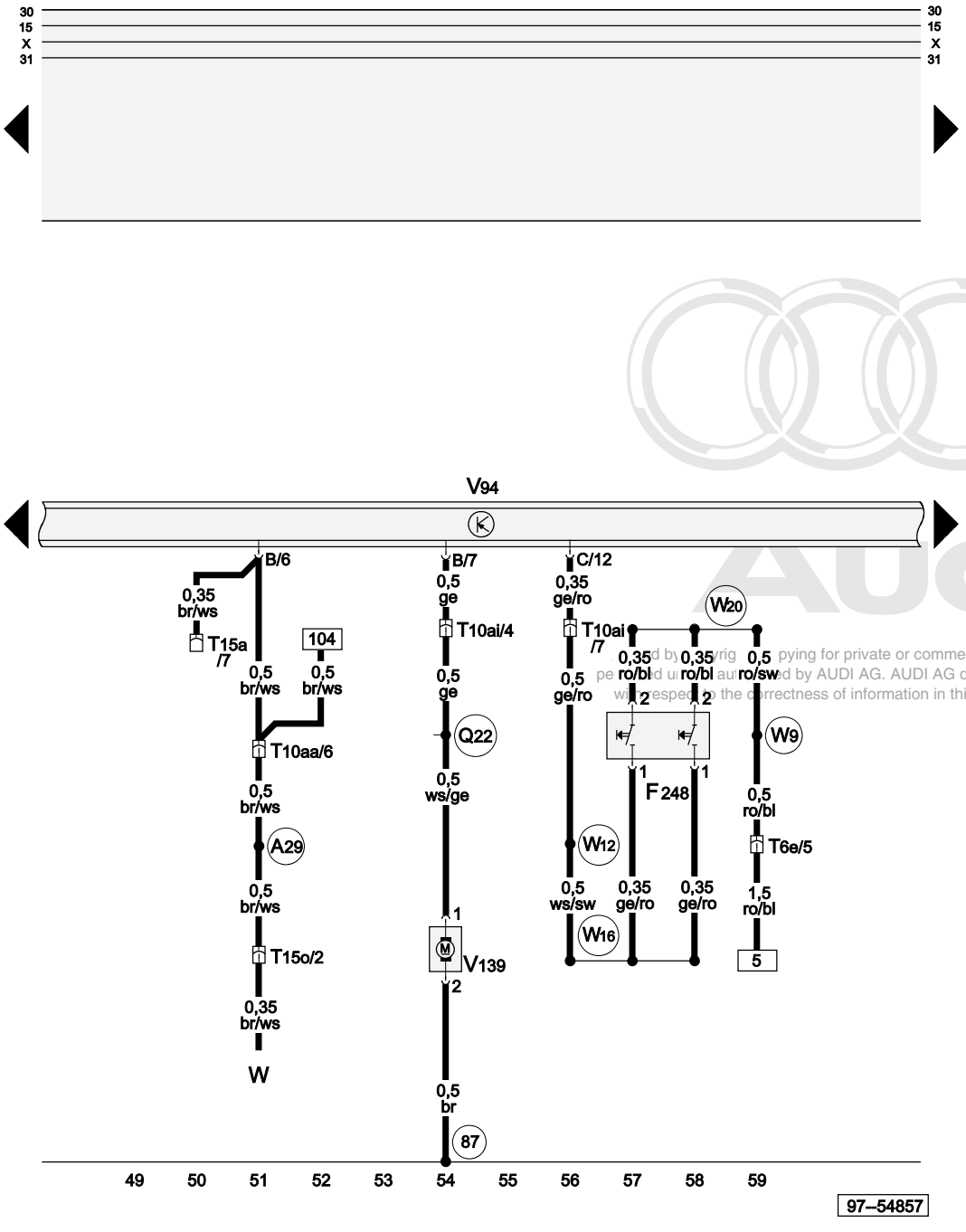


Central locking and anti-theft alarm system with interior monitoring

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
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front 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

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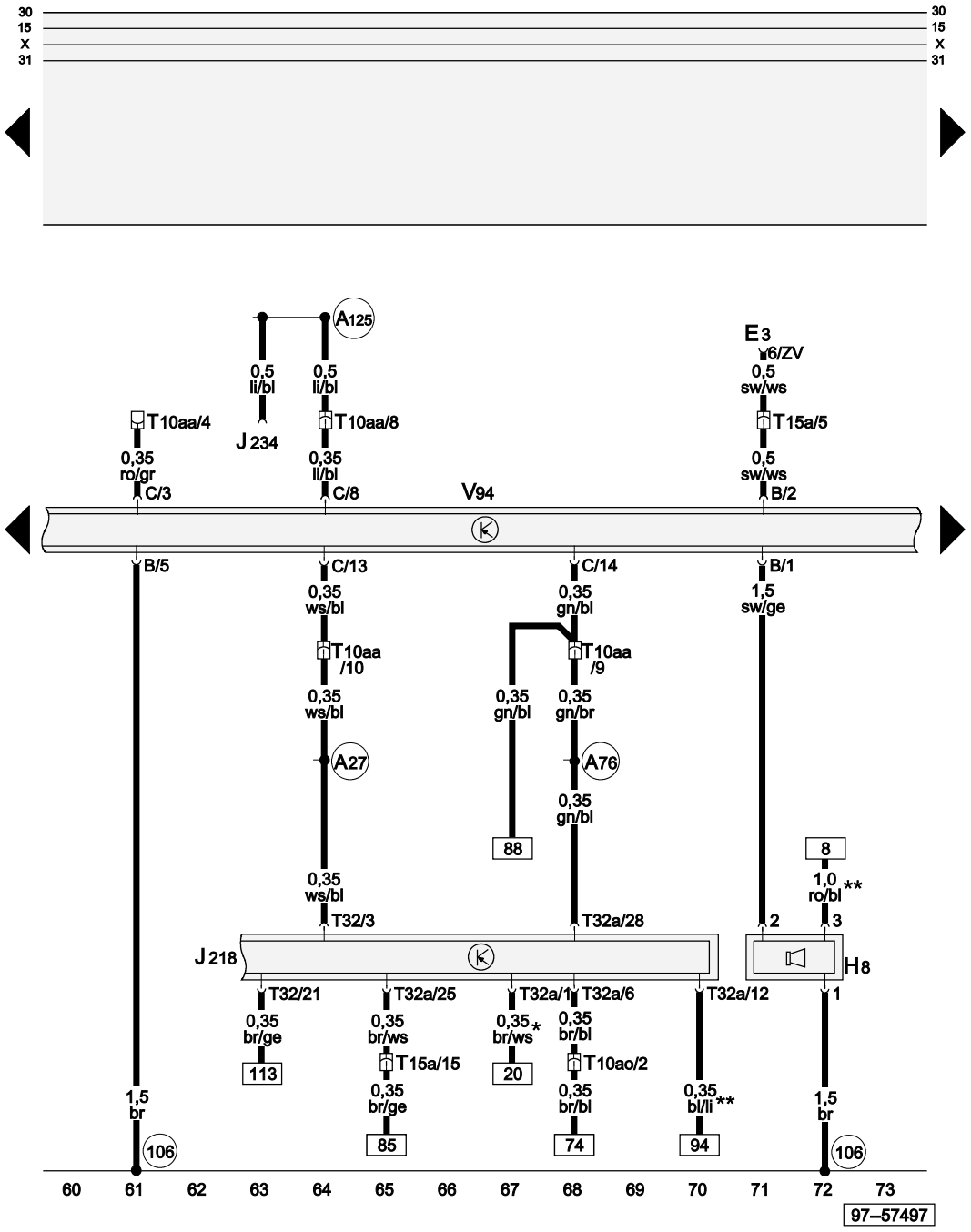


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Central locking and anti-theft alarm system with interior monitoring

F248	Release button for rear lid lock cylinder
T6e	6-pin connector, blue, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
V139	Rear lid release motor
W	Interior light, front
87	Earth connection -2-, in rear wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
W9	Positive (+) connection (30), in rear wiring harness
W12	Connection (DWA (anti-theft alarm system)), in rear lid wiring harness, left
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness

Audi
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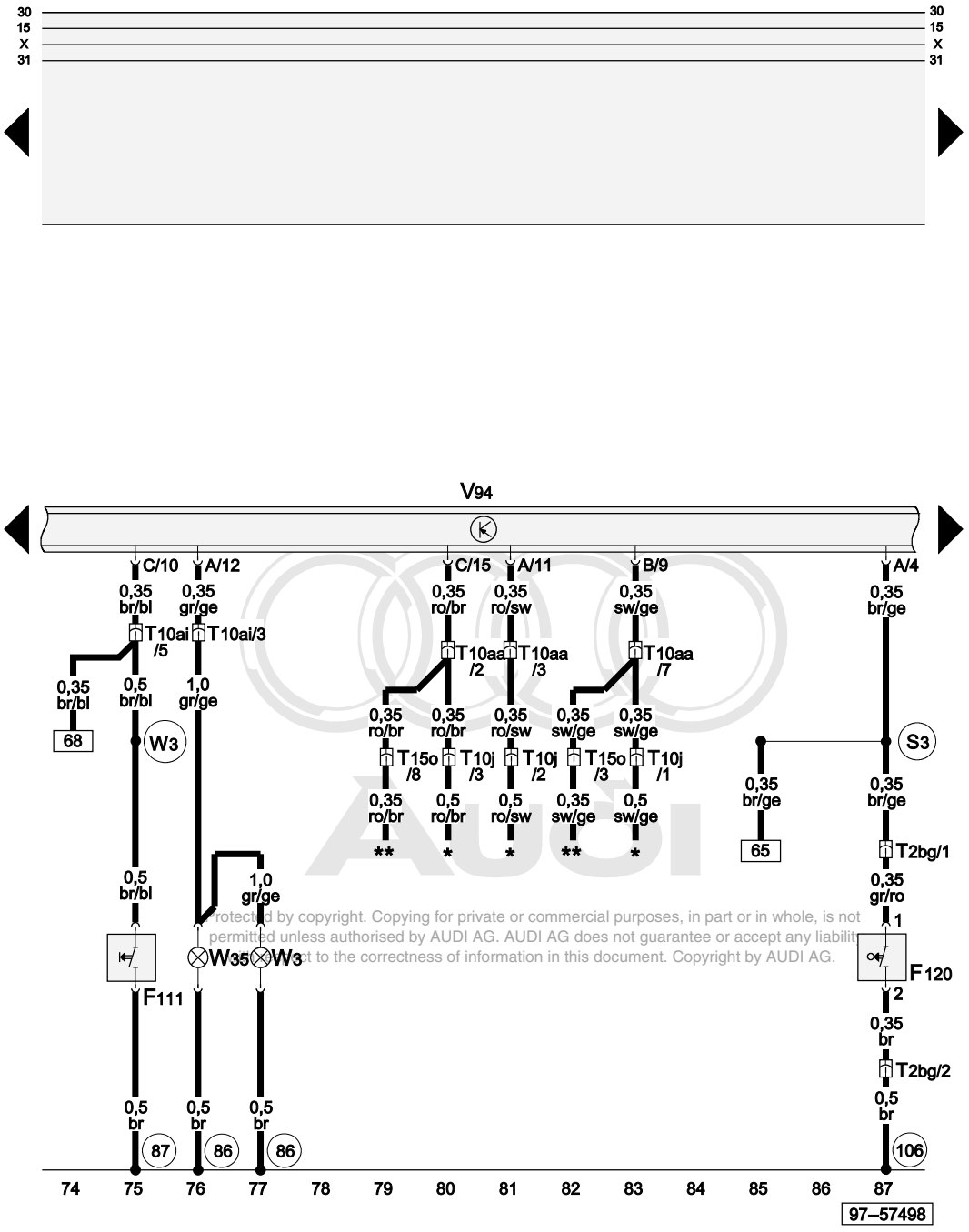


Central locking and anti-theft alarm system with interior monitoring

E3	Hazard warning light switch
H8	Anti-theft alarm system horn
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T10aa	10-pin connector, orange, right connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, 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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models without multi-function display
**	Only models for Great Britain

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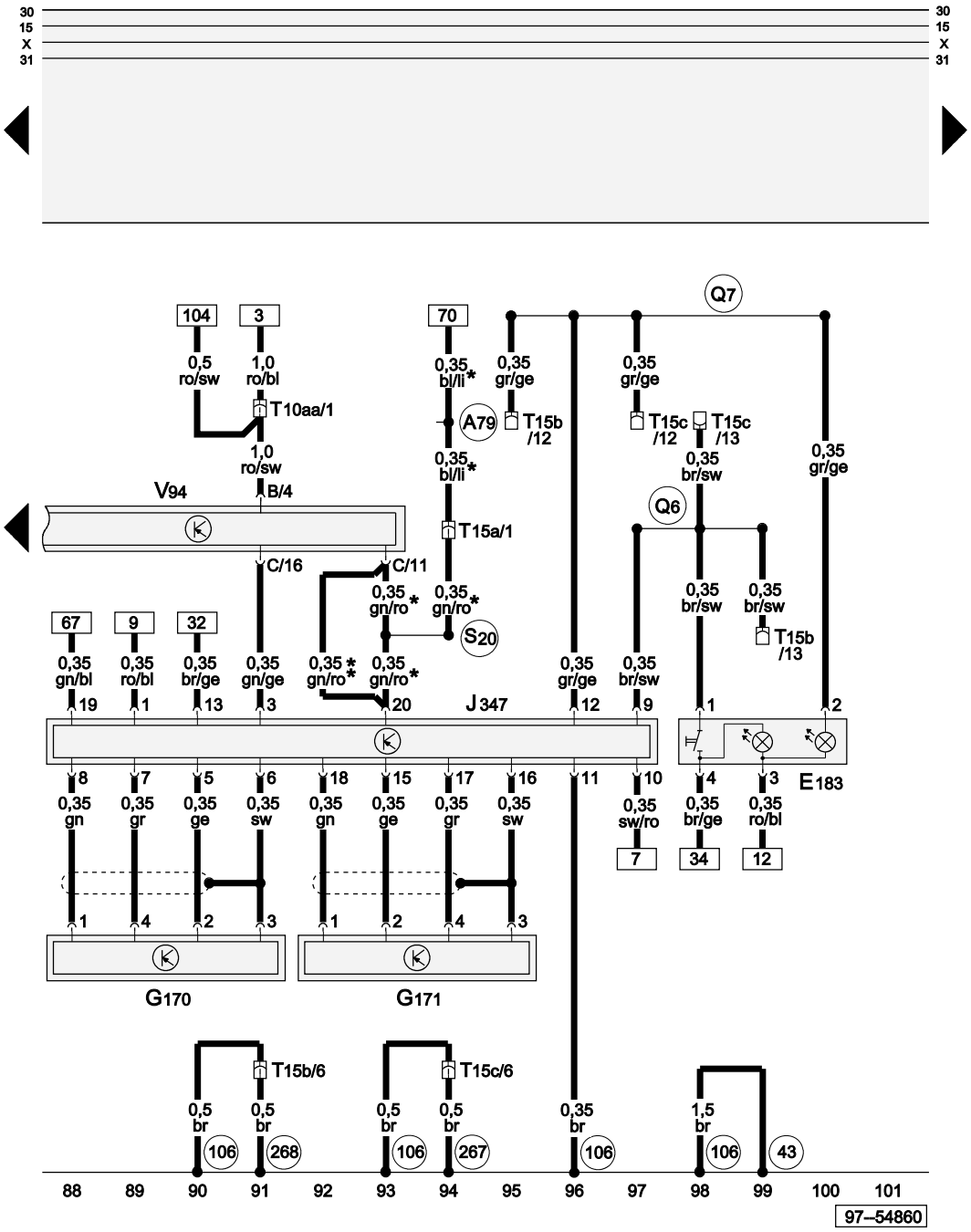


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Central locking and anti-theft alarm system with interior monitoring

F111	Rear lid contact switch
F120	Anti-theft alarm system contact switch
T2bg	2-pin connector, grey, near anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15o	15-pin connector, grey, 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
W35	Luggage compartment light, right
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
106	Earth connection, in anti-theft alarm system wiring harness
S3	Connection (switch/control unit), in central locking system wiring harness
W3	Connection, in rear wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof

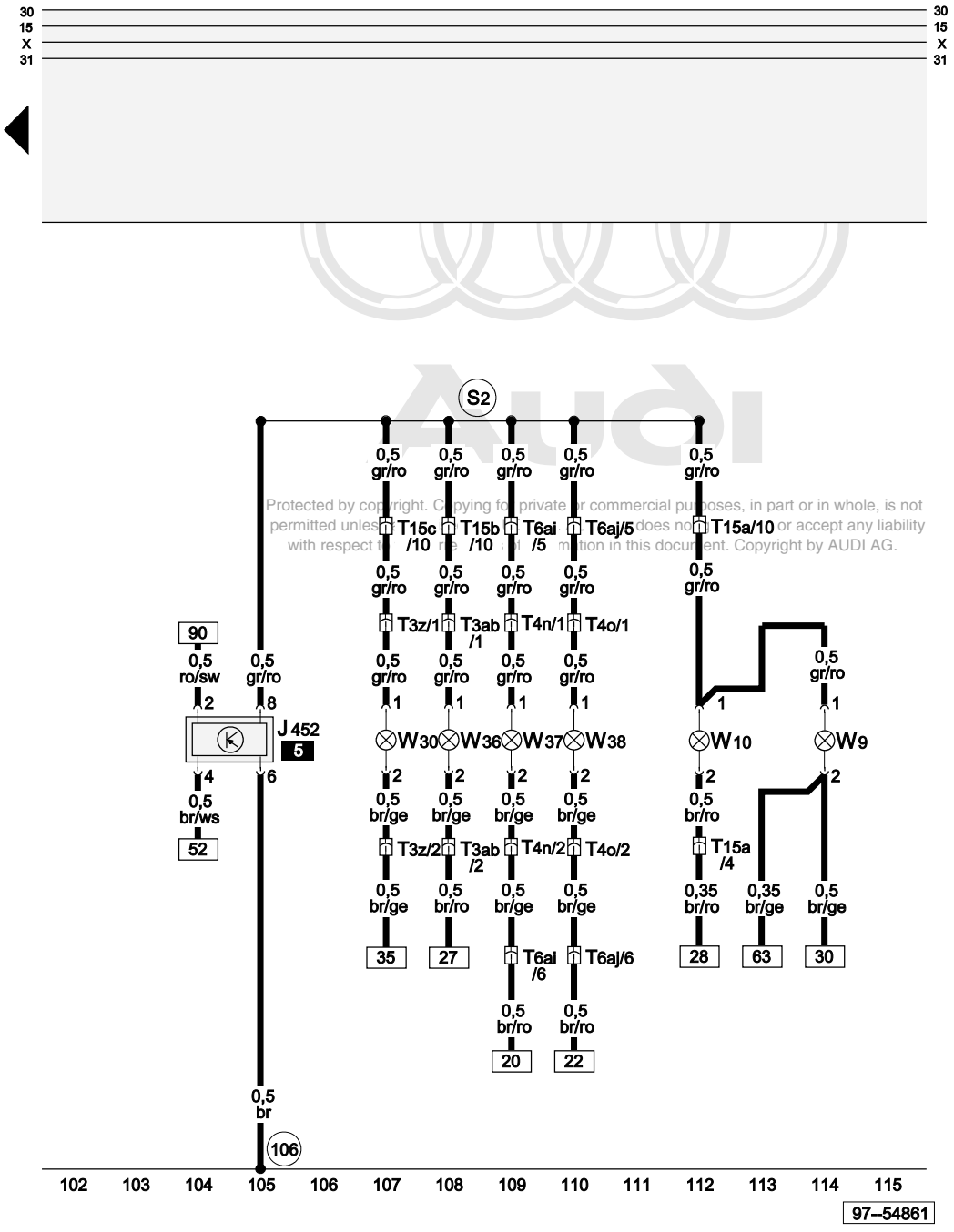


Central locking and anti-theft alarm system with interior monitoring, active door reflectors

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
T10aa	10-pin connector, orange, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
43	Earth point, lower part of right A pillar
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 - front passenger's side
A79	Connection (hot light switch), in dash panel wiring harness
Q6	Connection (anti-theft alarm system A1), in central locking wiring harness
Q7	Connection (anti-theft alarm system A2), in central locking wiring harness
S20	Connection -4-, in central locking wiring harness
*	Only models for Great Britain
**	Does not apply to models for Great Britain

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Central locking and anti-theft alarm system with interior monitoring

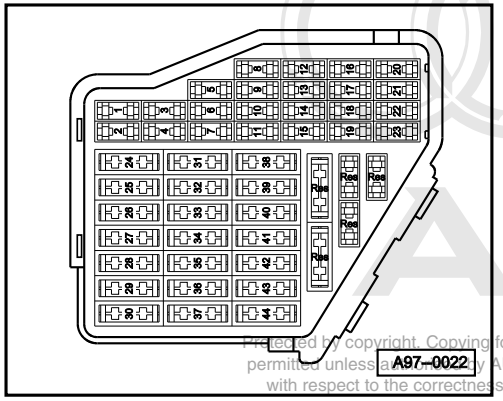
J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
S2	Connection, in central locking wiring harness

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Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

From model year 2000

Fuse box:



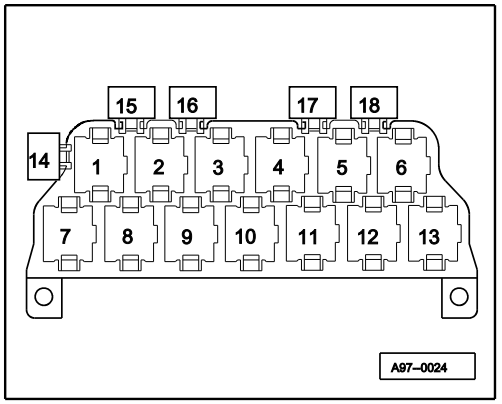
Fuse colours

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.

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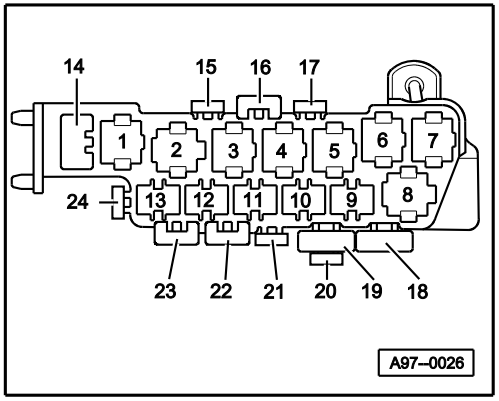
13-point relay carrier:



Position of relays:

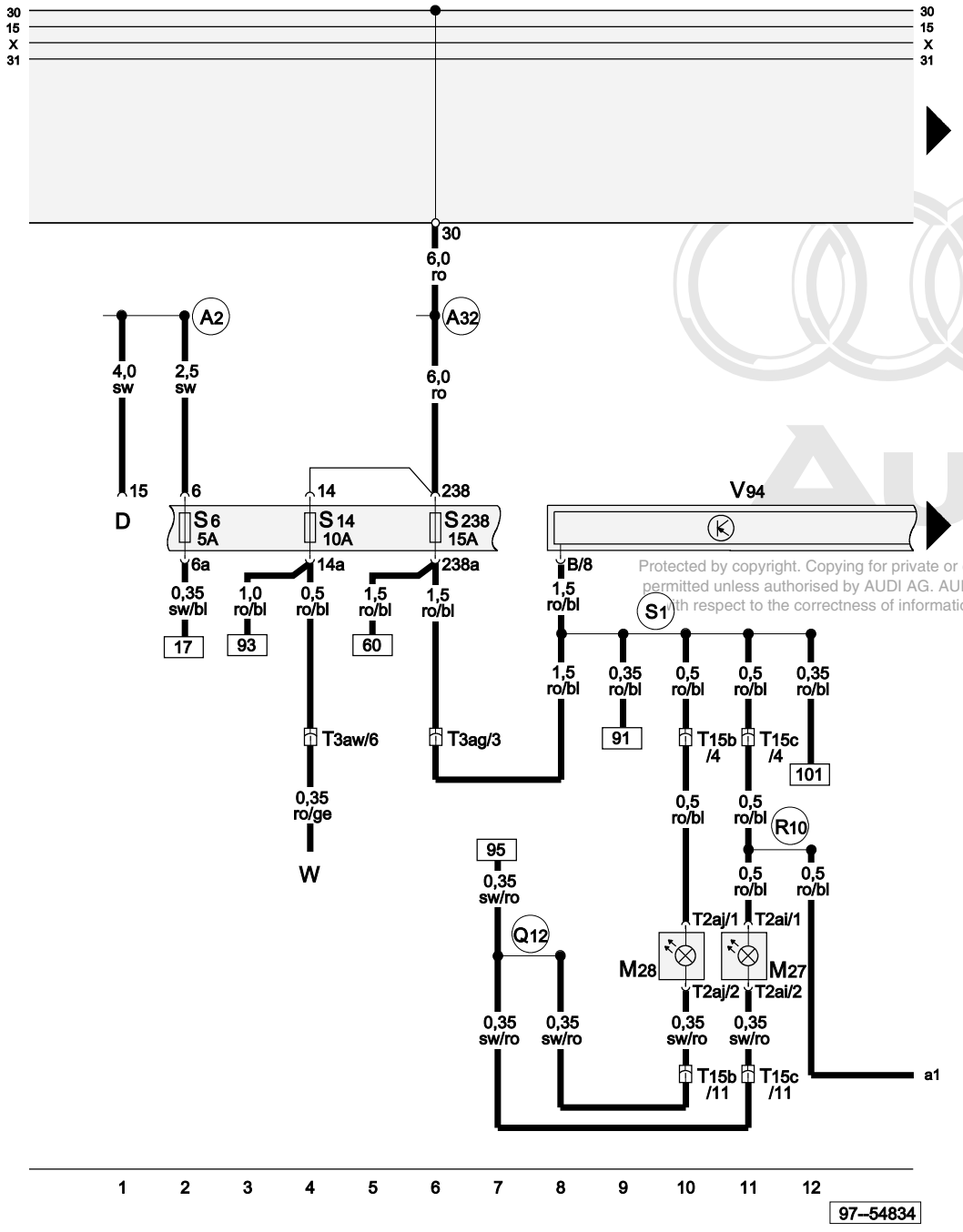
7 - Heated rear window relay

8-point relay carrier:



Position of relays:

5 - Door warning lamps control unit

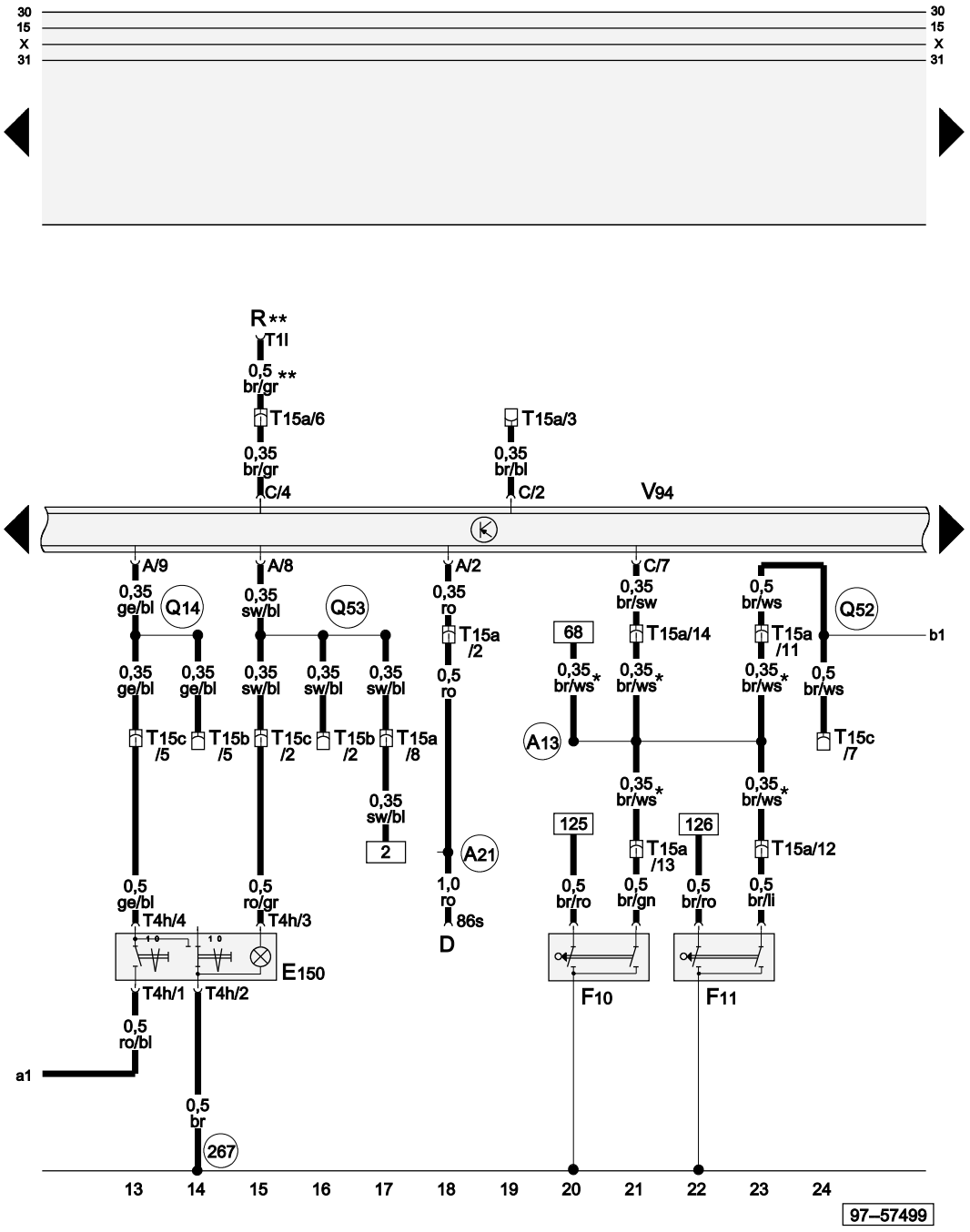


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gr = grey
li = purple
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or = orange
rs = pink

Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

D	Ignition/starter switch
M27	Door warning lamp, left
M28	Door warning lamp, right
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T2ai	2-pin connector, grey, in driver's door
T2aj	2-pin connector, grey, in front passenger's door
T3ag	3-pin connector, black, right connector point, A pillar
T3aw	3-pin connector, grey, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q12	Positive (+) connection (30ac), in central locking wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
S1	Positive (+) connection (30), in central locking wiring harness

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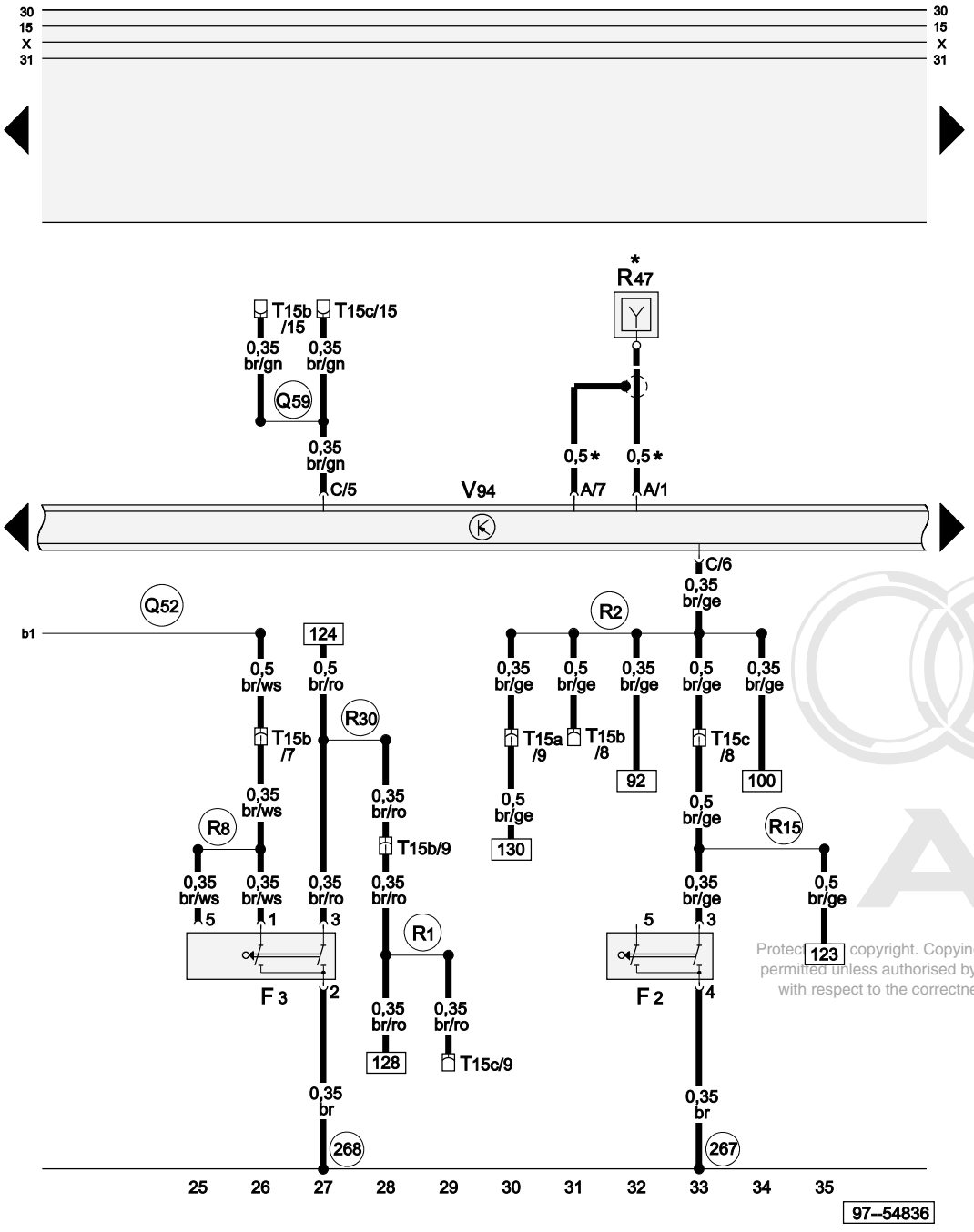


Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

D	Ignition/starter switch
E150	Interior locking switch, driver's side
F10	Rear left door contact switch
F11	Rear right door contact switch
R	Radio
T1l	Single connector, brown, on radio
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A13	Connection (door contact switch), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
Q14	Connection (isolation switch), in central locking wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
*	Only applies to models without multi-function display
**	Only applies to models with radio

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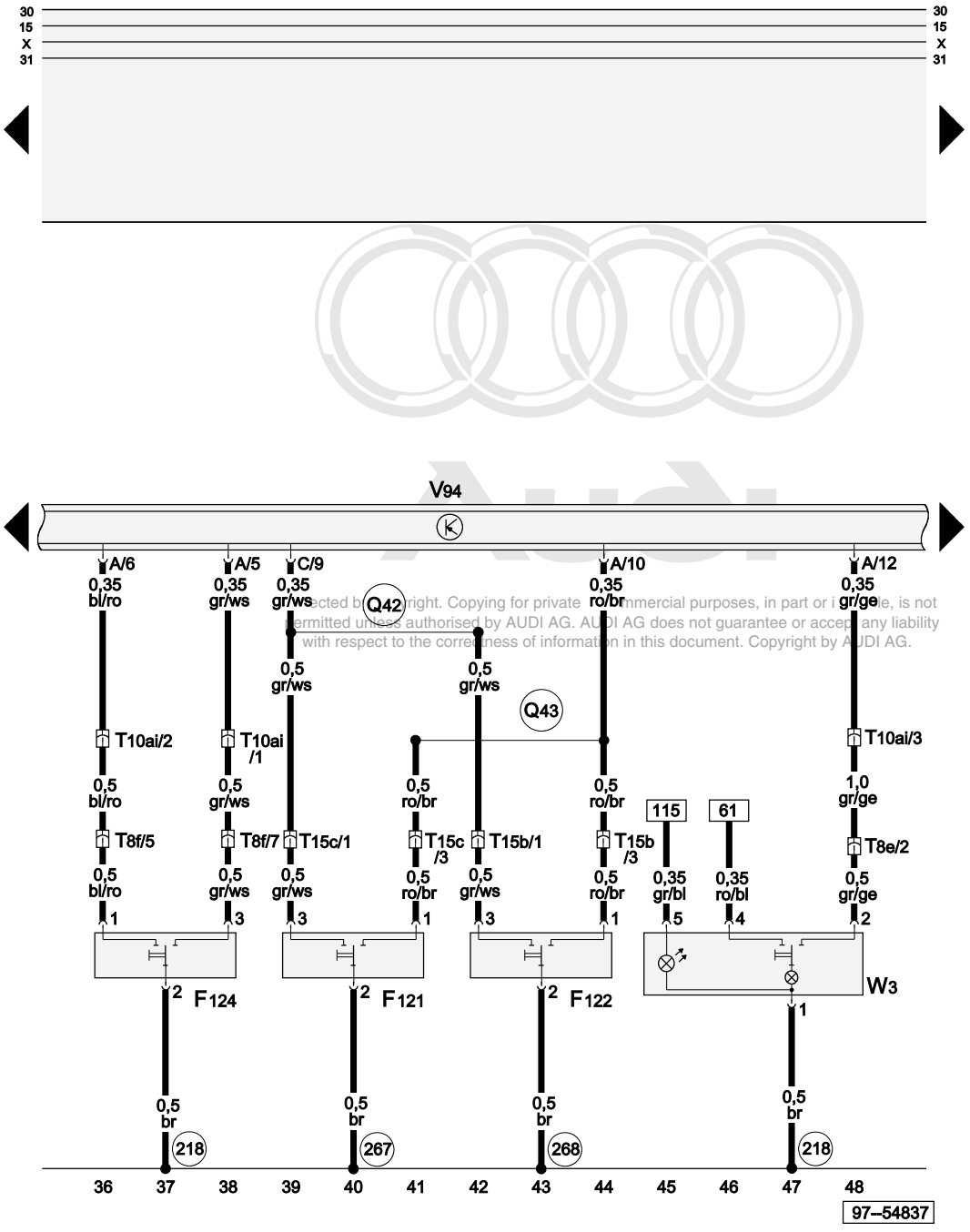


Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
R47	Central locking and anti-theft alarm system aerial
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
268	Earth connection -2-, in door wiring harness - front passenger's side
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models with radio-operated remote control

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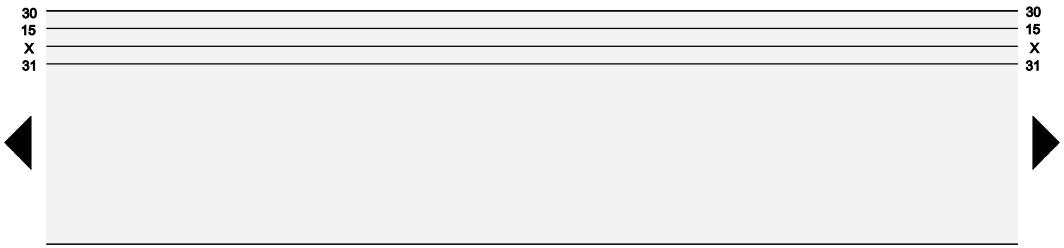


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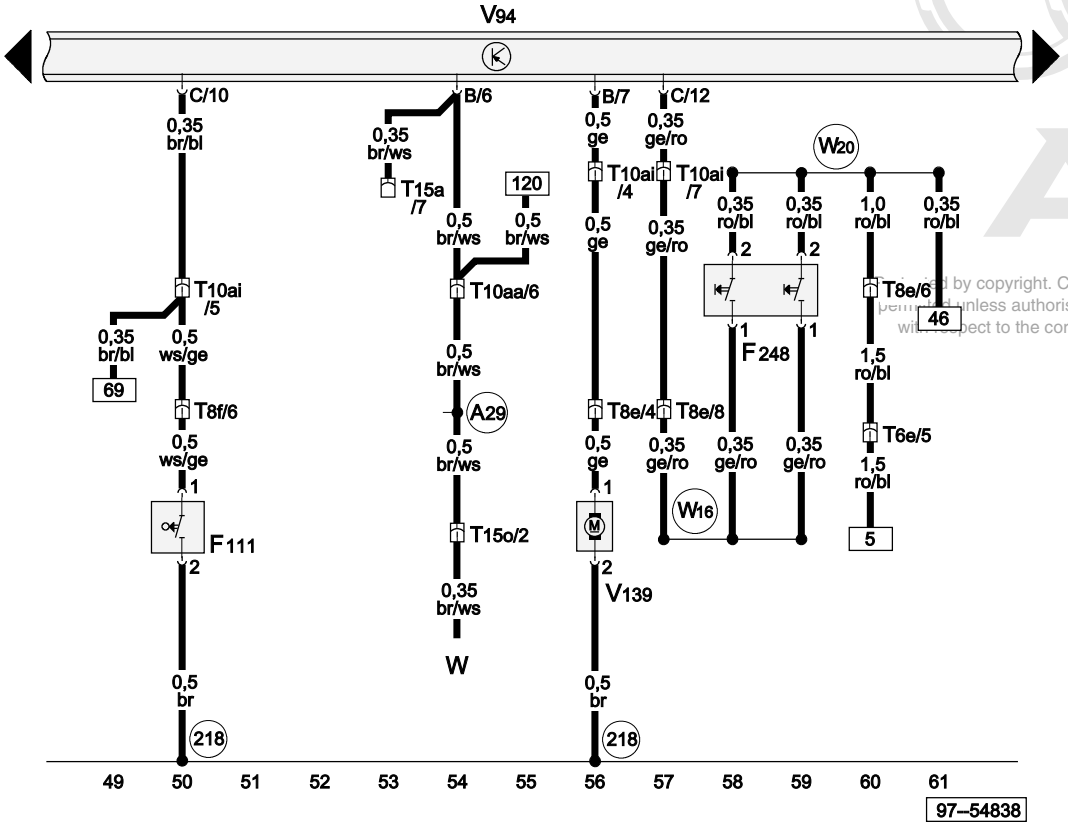
Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

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
T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
218	Earth connection -1-, in rear lid wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front 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



Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

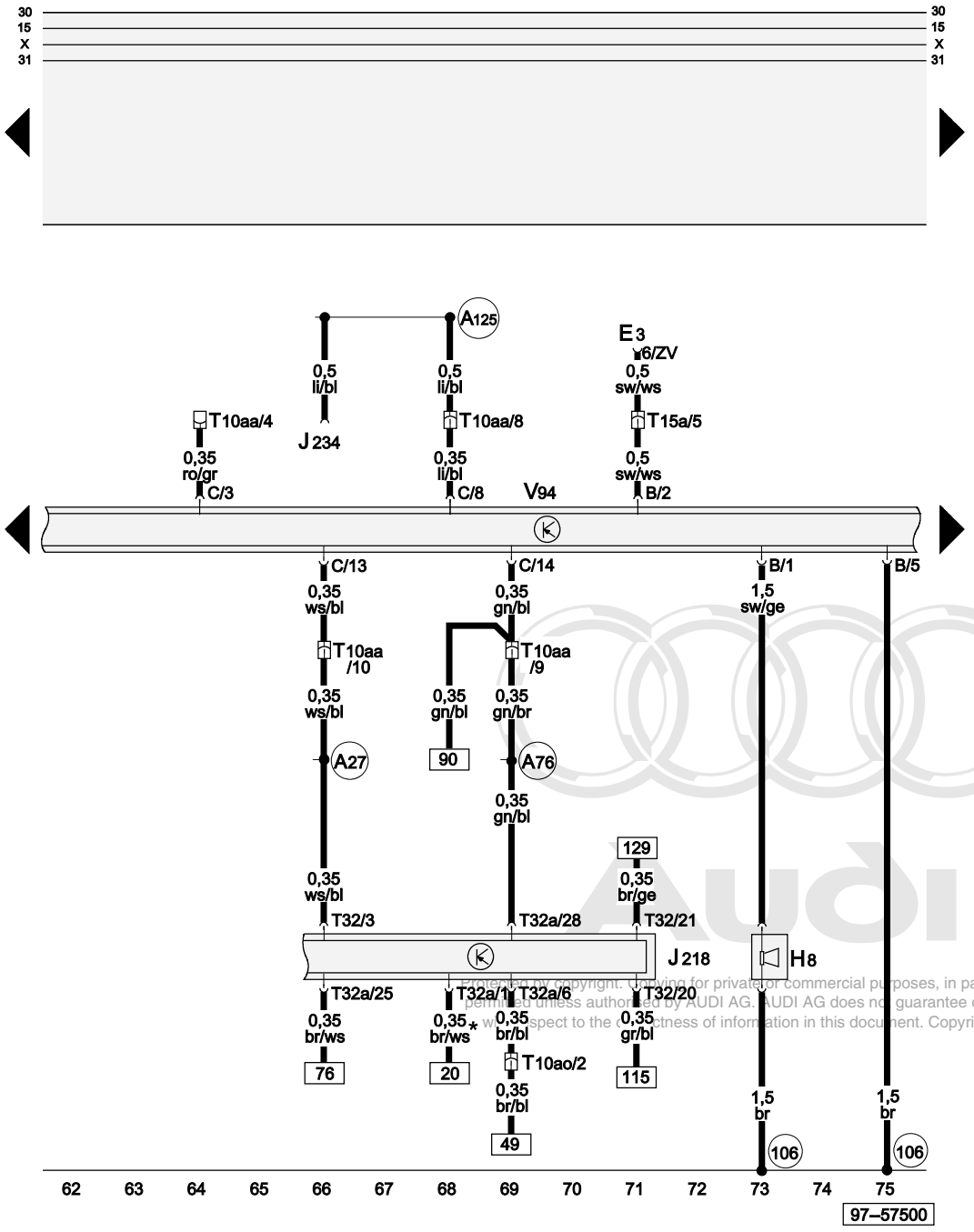
F111	Rear lid contact switch
F248	Release button for rear lid lock cylinder
T6e	6-pin connector, blue, left connector point, A pillar
T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
V139	Rear lid release motor
W	Interior light, front
218	Earth connection -1-, in rear lid wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness



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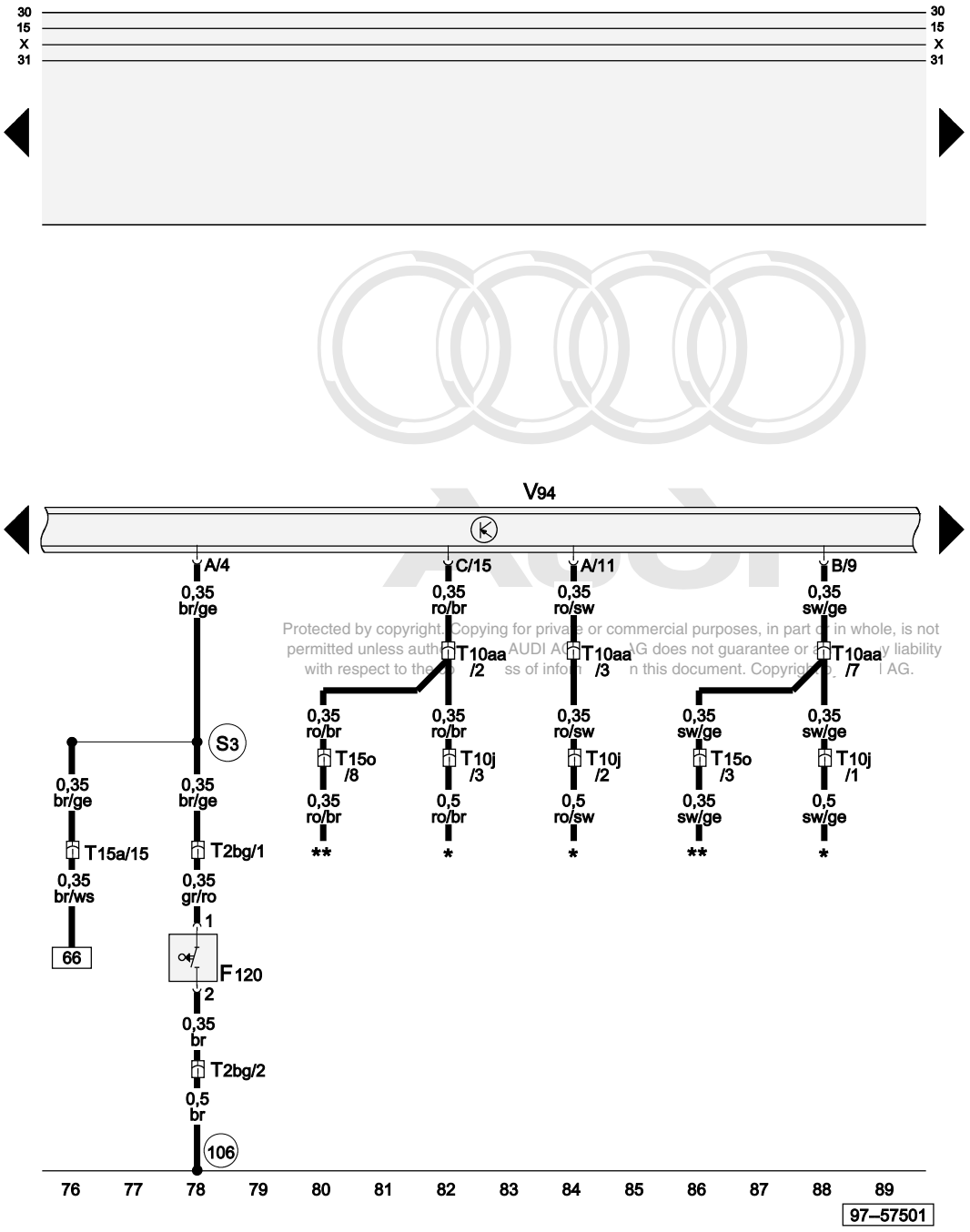


Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

E3	Hazard warning light switch
H8	Anti-theft alarm system horn
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T10aa	10-pin connector, orange, right connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, 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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models without multi-function display

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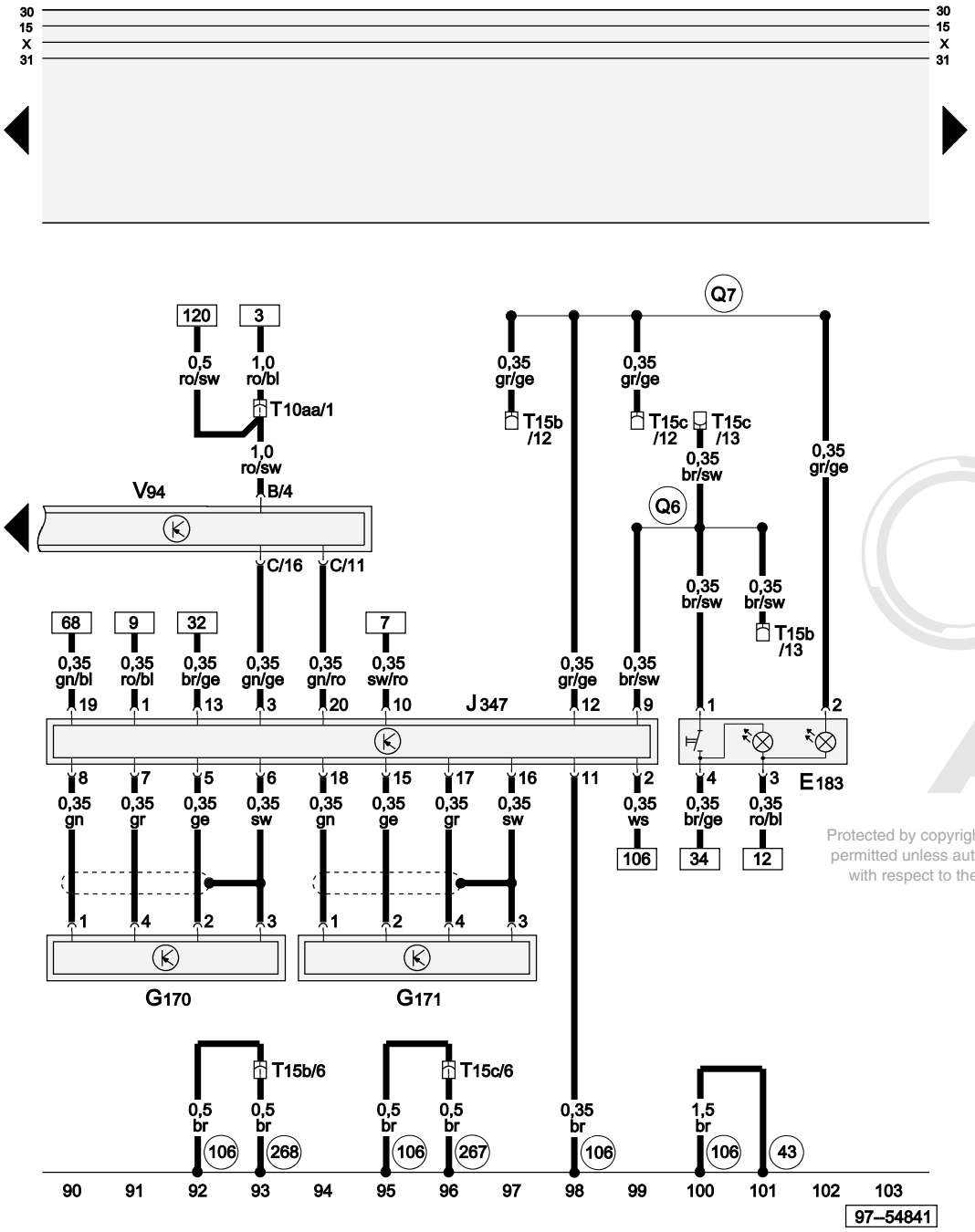


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Central locking and anti-theft alarm system with interior monitoring

F120	Anti-theft alarm system contact switch
T2bg	2-pin connector, grey, near anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, 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
S3	Connection (switch/control unit), in central locking system wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof

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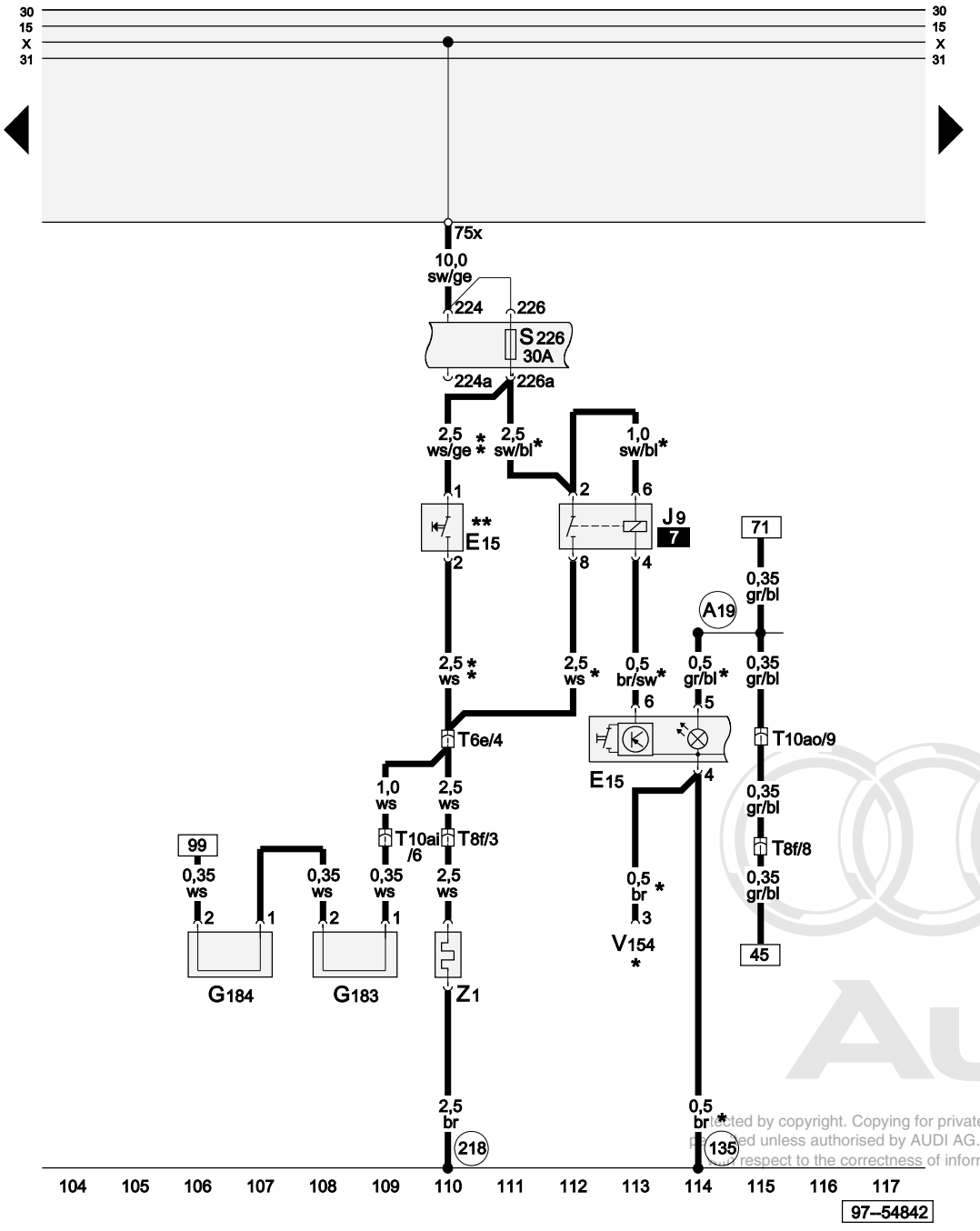


Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

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
T10aa	10-pin connector, orange, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
43	Earth point, lower part of right A pillar
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 - front passenger's side
Q6	Connection (anti-theft alarm system A1), in central locking wiring harness
Q7	Connection (anti-theft alarm system A2), in central locking wiring harness

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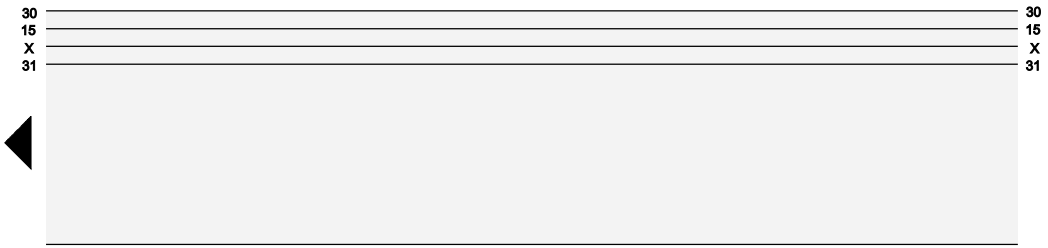


Central locking and anti-theft alarm system with interior monitoring, active door reflectors, Audi Avant models

E15	Heated rear window switch
G183	Glass breakage sensor, rear left side window
G184	Glass breakage sensor, rear right side window
J9	Heated rear window relay
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
V154	Fresh air/air recirculating flap control motor
Z1	Heated rear window
135	Earth connection -2-, in dash panel wiring harness
218	Earth connection -1-, in rear lid wiring harness
A19	Connection (58d), in dash panel wiring harness
*	Only applies to models without air conditioner
**	Only applies to models with air conditioner

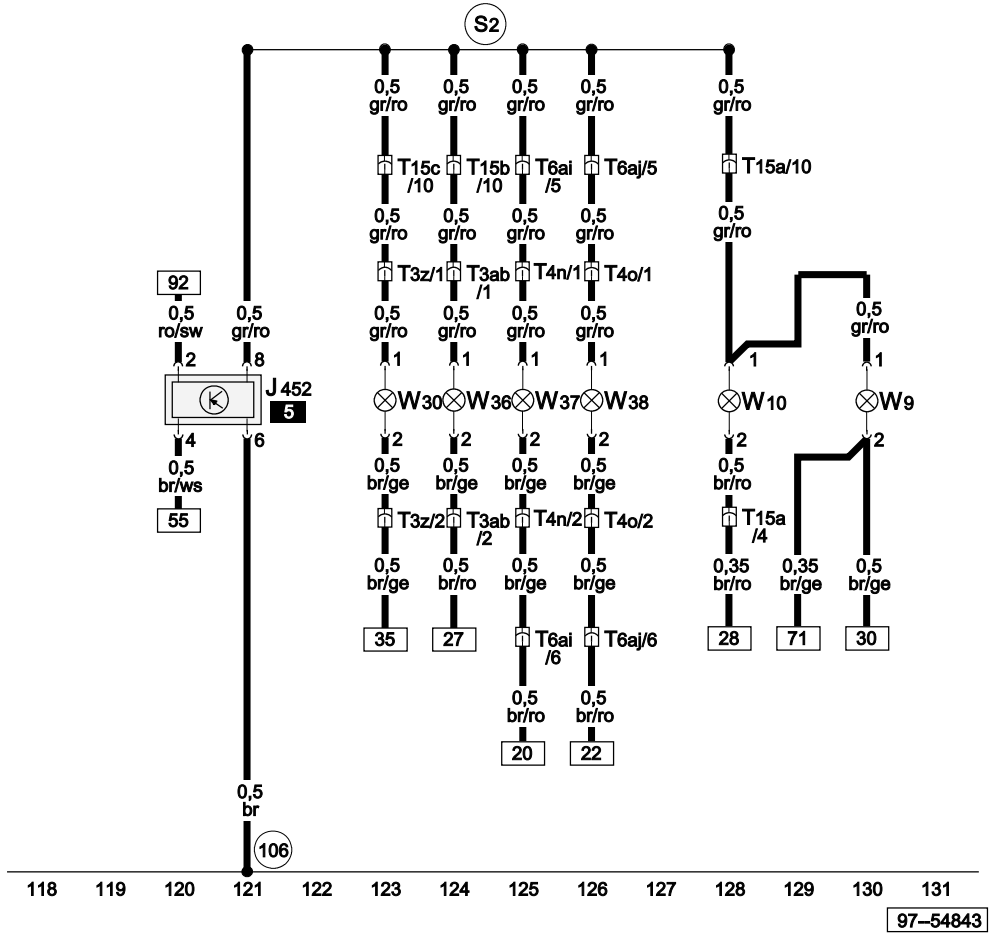
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Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
S2	Connection, in central locking wiring harness



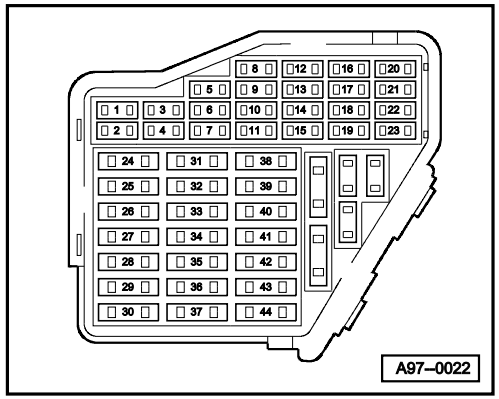
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Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

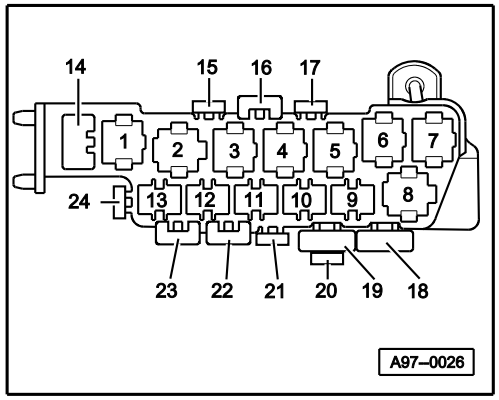
From model year 2001

Fuse box:



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:

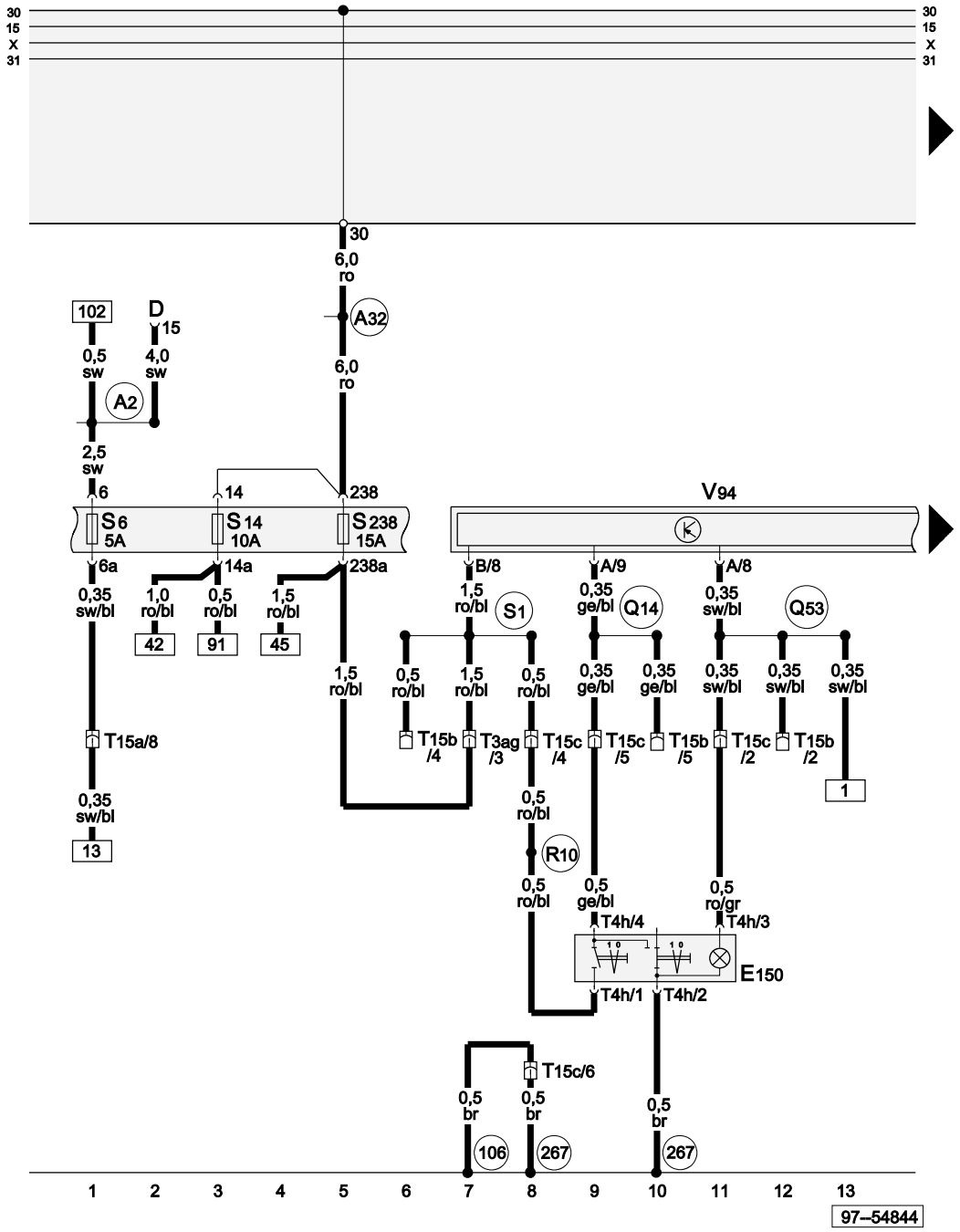
5 - Door warning lamps control unit

Fuse colours

30 A - green
25 A - white
20 A - yellow

15 A - blue
10 A - red

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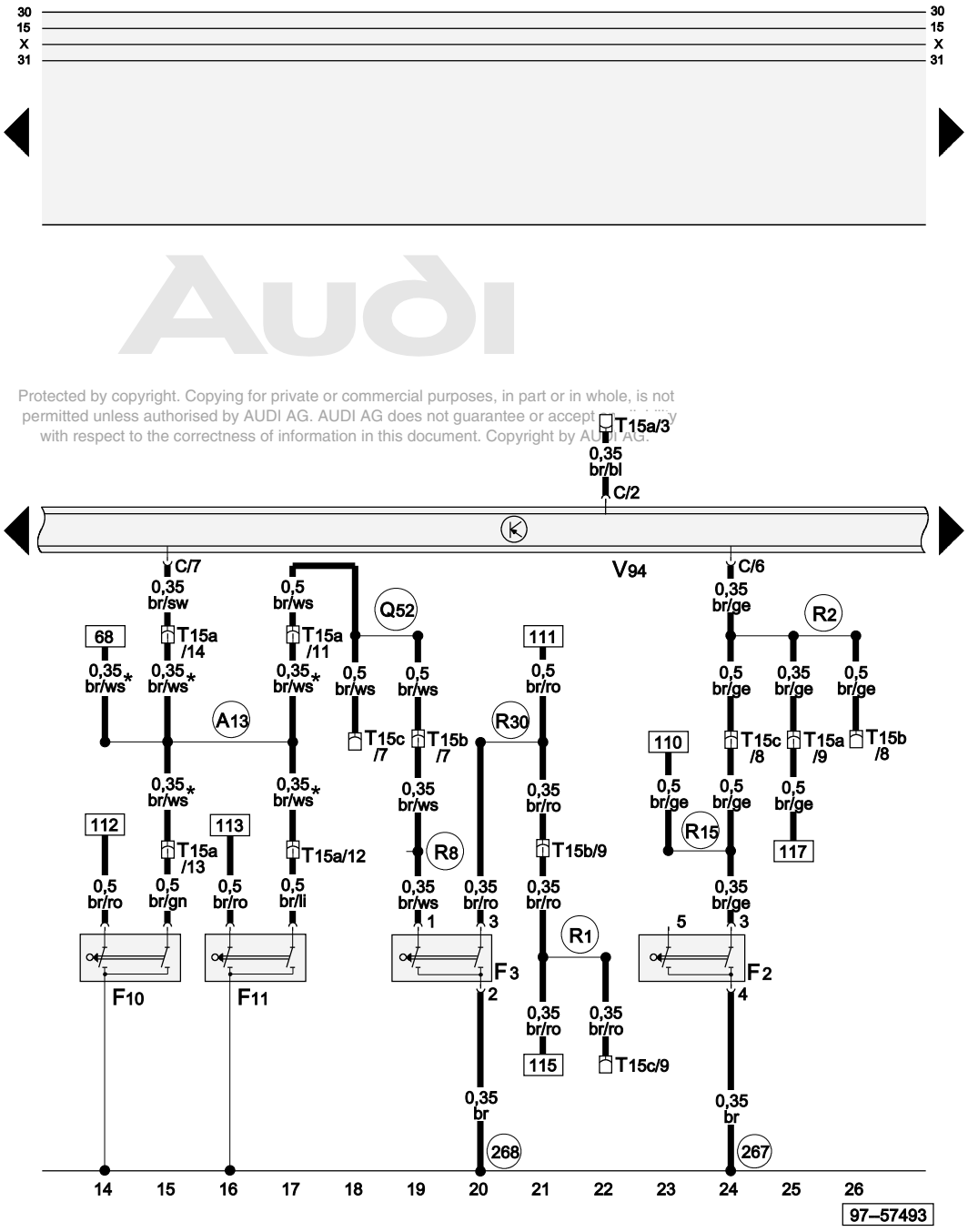


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Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

D	Ignition/starter switch
E150	Interior locking switch, driver's side
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T3ag	3-pin connector, black, right connector point, A pillar
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q14	Connection (inhibitor switch), in central locking wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
S1	Positive (+) connection (30), in central locking wiring harness

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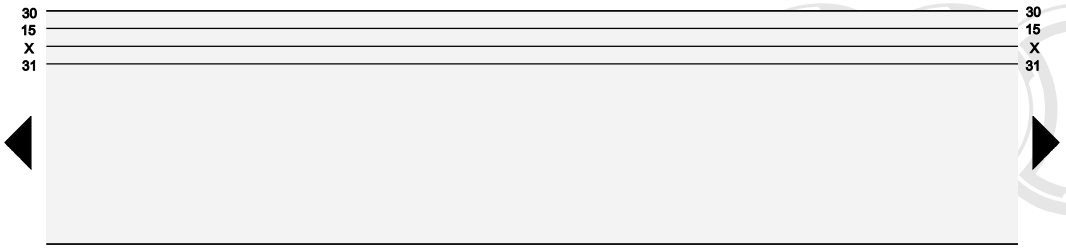


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Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

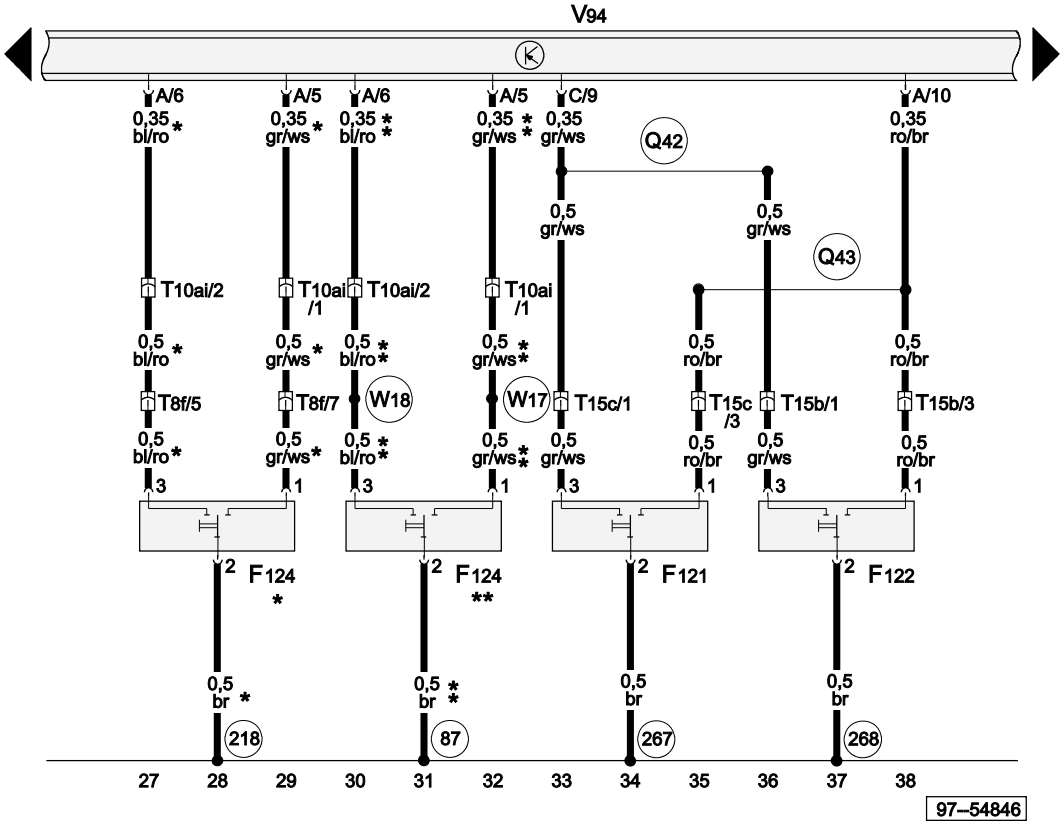
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front passenger's side
A13	Connection (door contact switch), in dash panel wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models without multi-function display



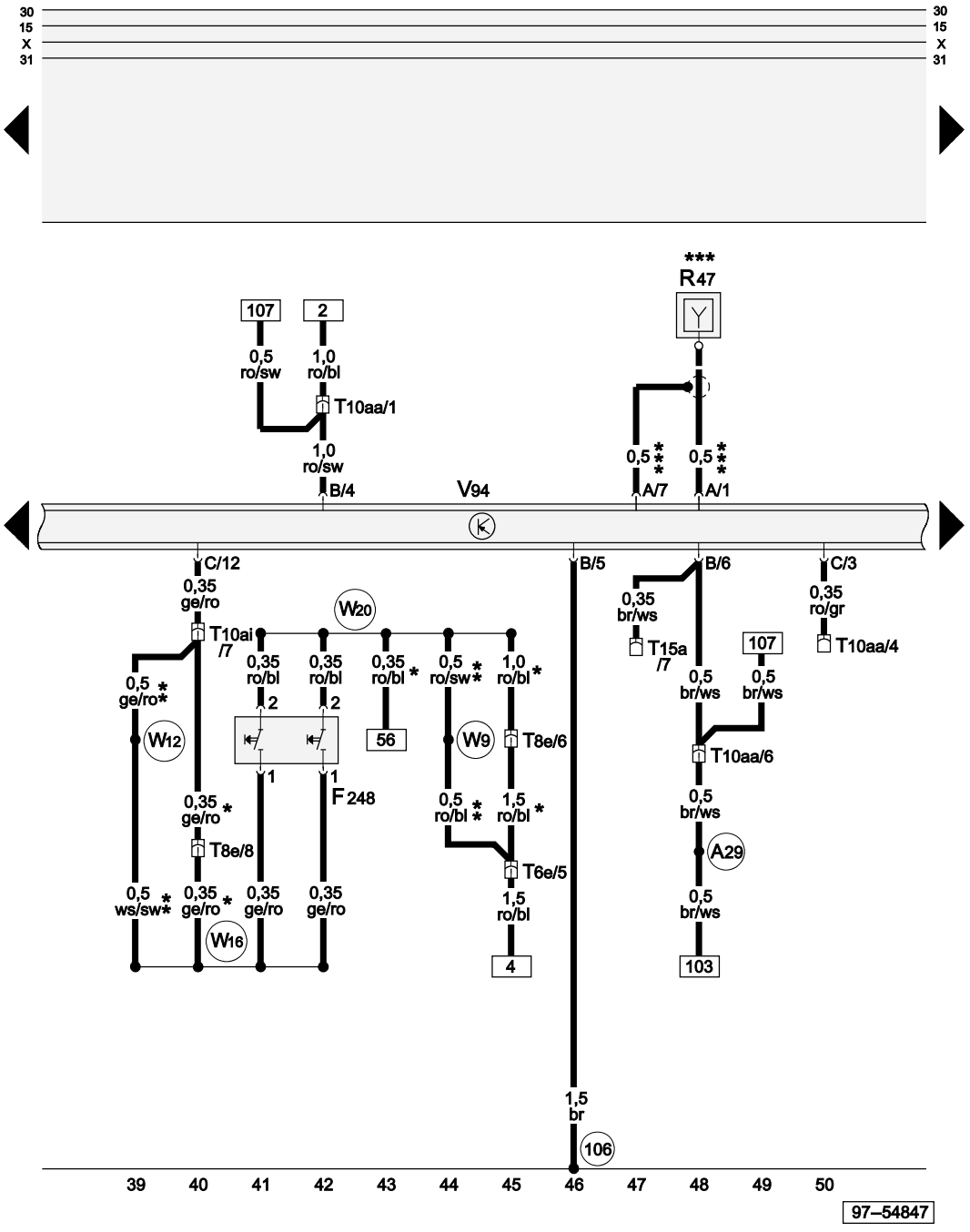
Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

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
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front 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 saloon models only

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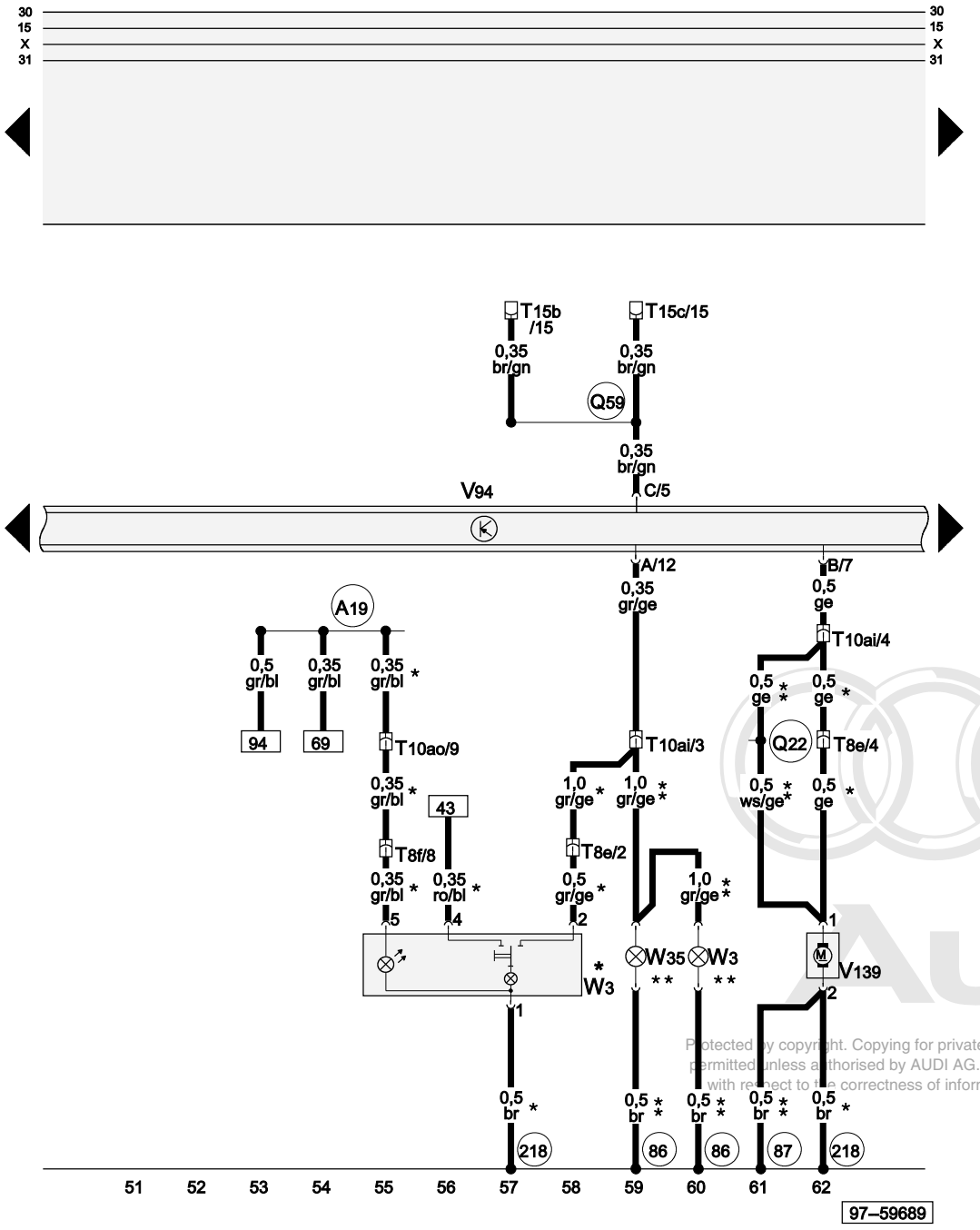


Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

F248	Release button for rear lid lock cylinder
R47	Central locking and anti-theft alarm system aerial
T6e	6-pin connector, blue, left connector point, A pillar
T8e	8-pin connector, black, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
106	Earth connection, in anti-theft alarm system wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
W9	Positive (+) connection (30), in rear wiring harness
W12	Connection (DWA (anti-theft alarm system)), in rear lid wiring harness, left
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloon models only
***	Only applies to models with radio-operated remote control

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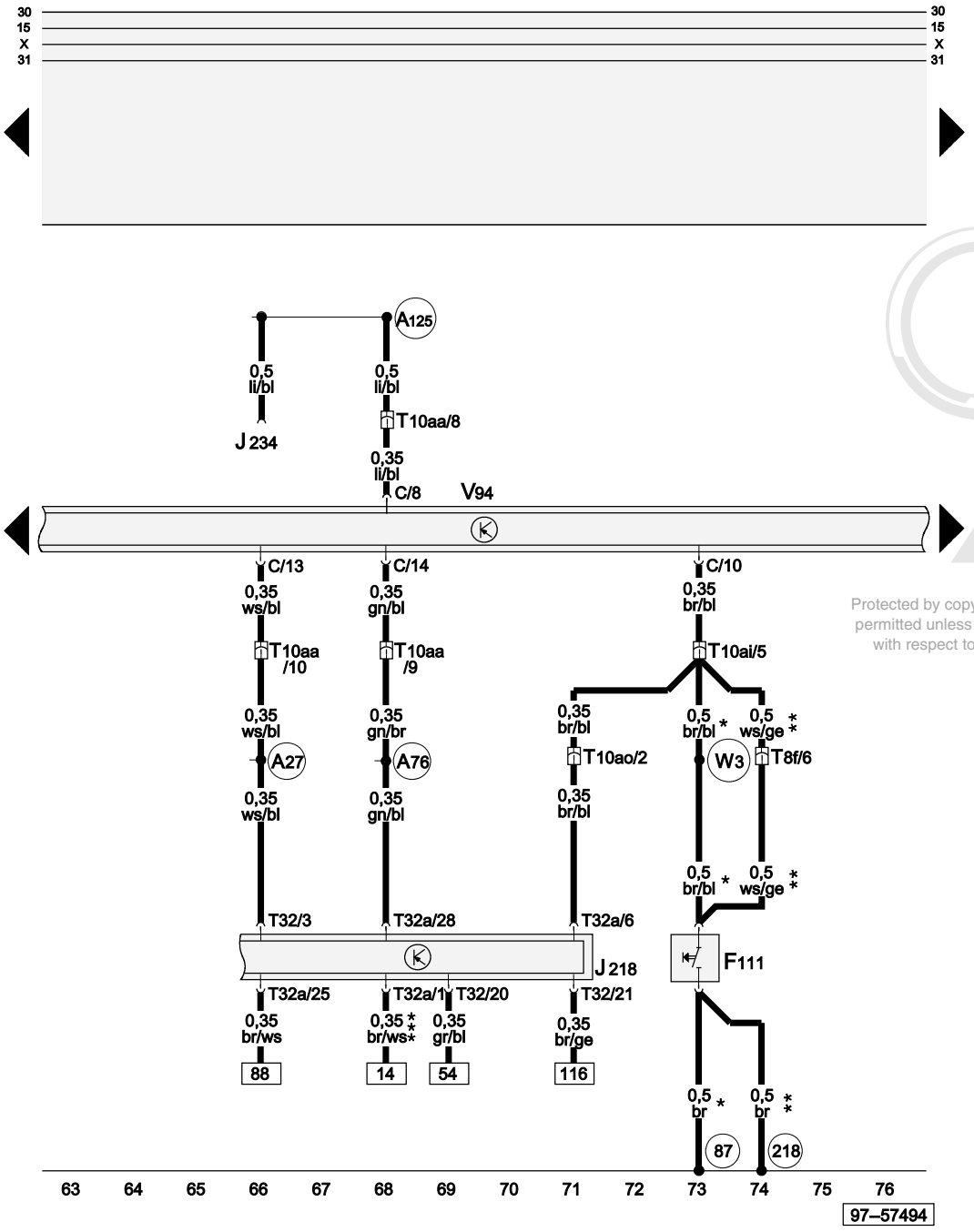


Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
V139	Rear lid release motor
W3	Luggage compartment light
W35	Luggage compartment light, right
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
218	Earth connection -1-, in rear lid wiring harness
A19	Connection (58d), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
*	Applies to Audi Avant models only
**	Applies to Audi saloon models only

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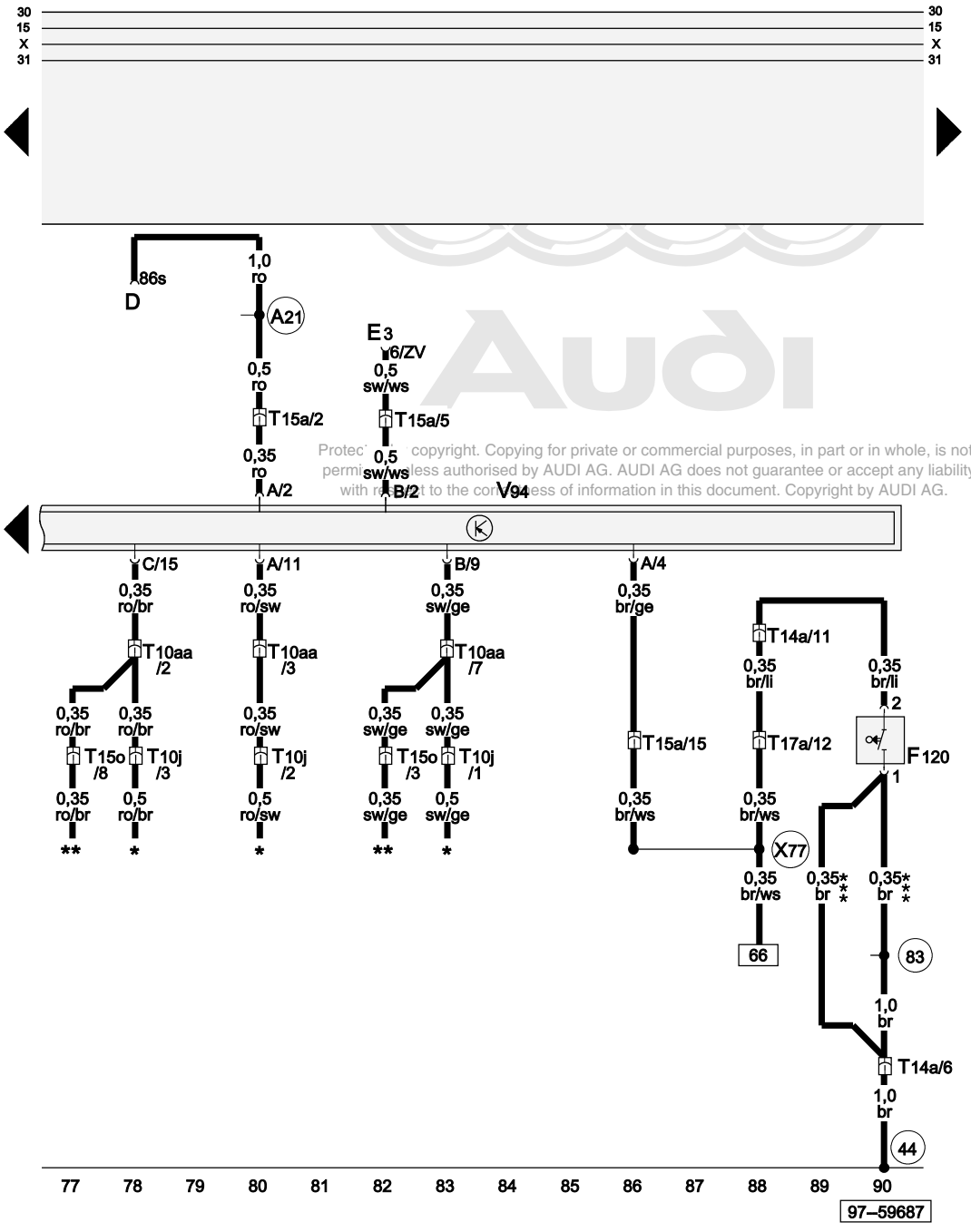


Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

F111	Rear lid contact switch
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T8f	8-pin connector, brown, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
W3	Connection, in rear wiring harness
*	Applies to Audi saloon models only
**	Applies to Audi Avant models only
***	Only applies to models without multi-function display

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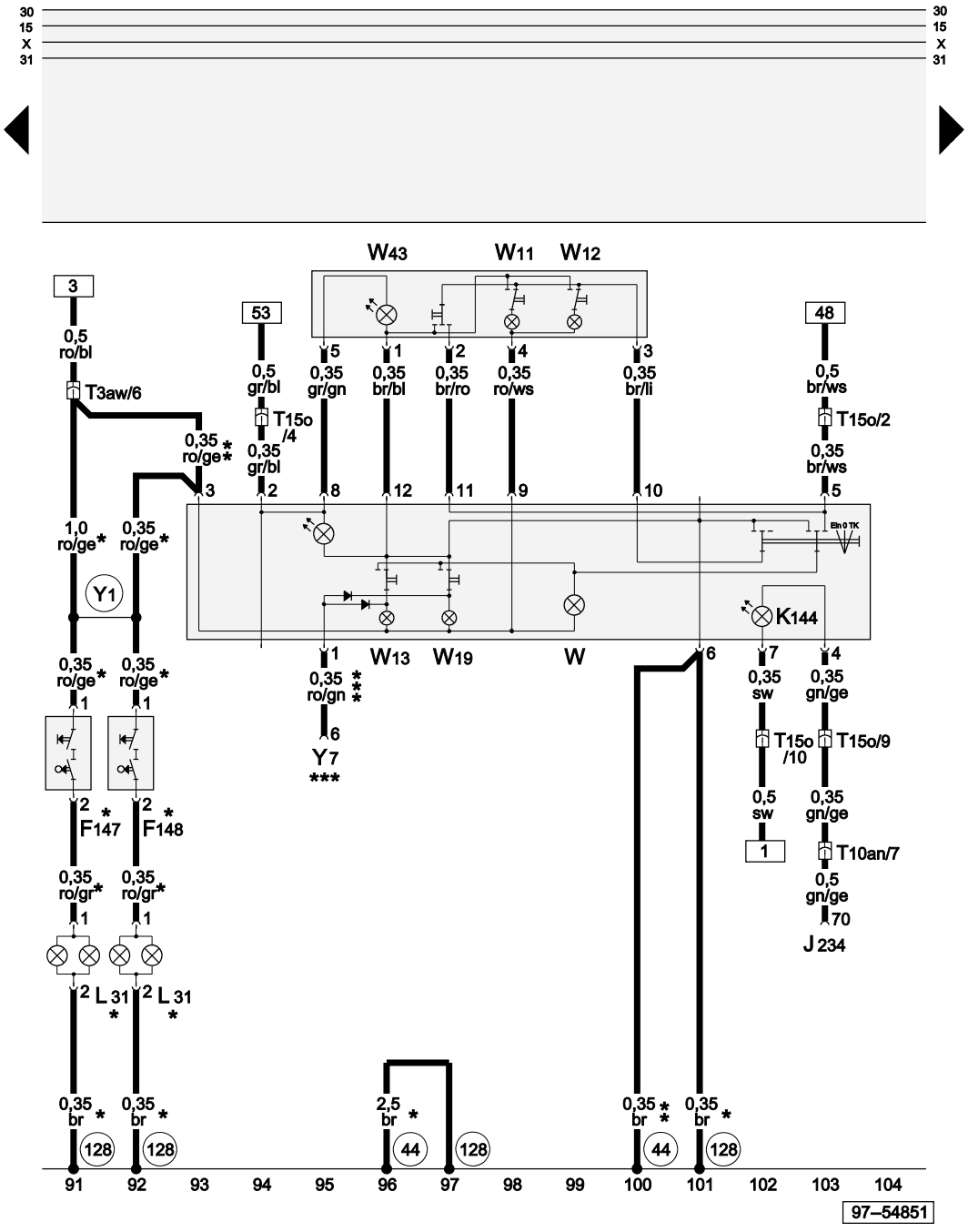


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Central locking and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
E3	Hazard warning light switch
F120	Anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T14a	14-pin connector, black, in engine compartment
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
T17a	17-pin connector, brown, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay
44	Earth point, A pillar, bottom left
83	Earth connection 1, in front right wiring harness
A21	Connection (86s), in dash panel wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
X77	Connection (alarm), in optional equipment wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof
***	Depending on vehicle equipment

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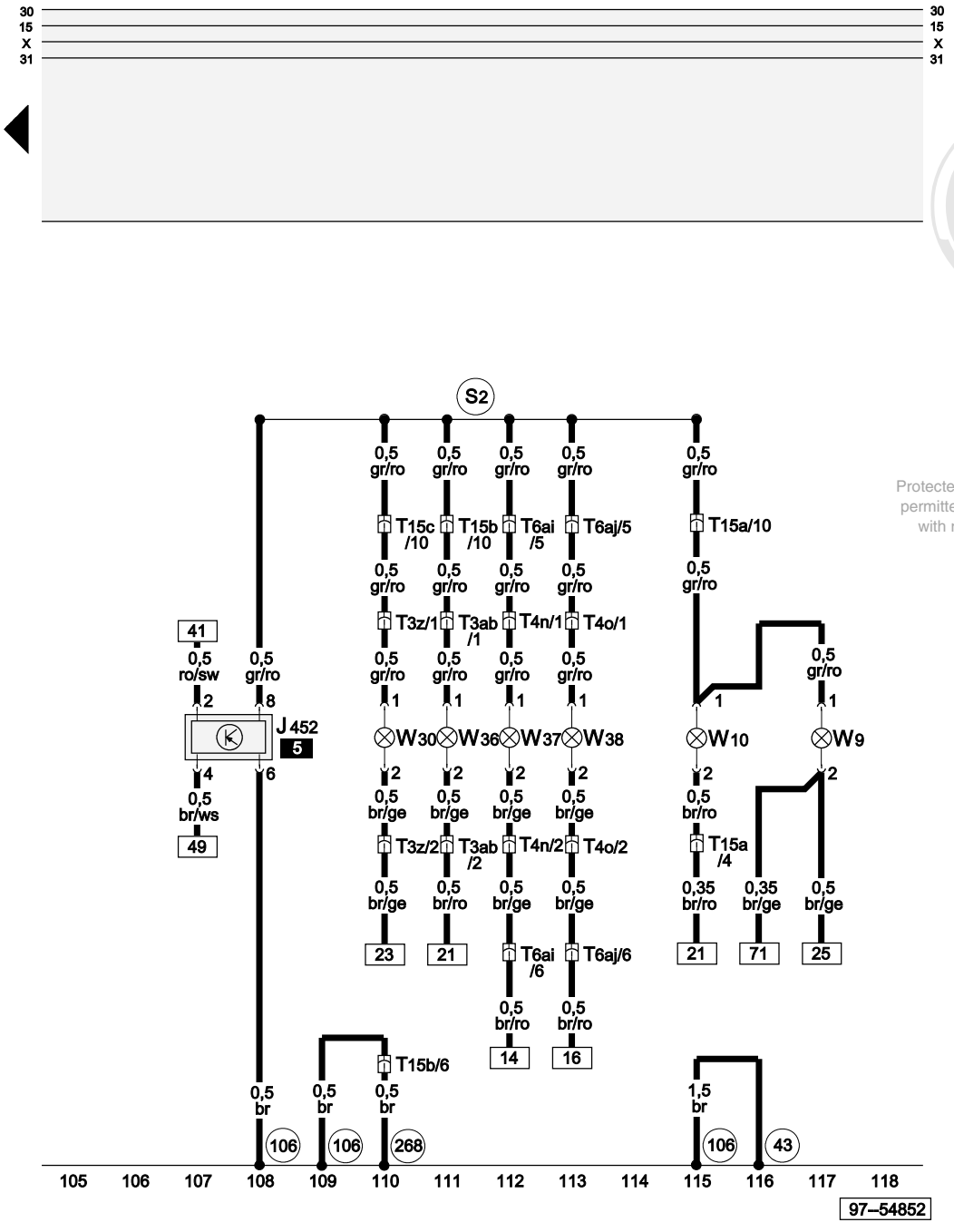
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Central locking system with interior lights switch-off delay, reading lights and illuminated vanity mirrors

F147	Vanity mirror contact switch, driver's side
F148	Vanity mirror contact switch, front passenger's side
J234	Airbag control unit
K144	Airbag deactivated warning lamp, driver's side
L31	Vanity mirror light bulb
T3aw	3-pin connector, grey, left connector point, A pillar
T10an	10-pin connector, yellow, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
W	Interior light, front
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Reading light, driver's side
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
44	Earth point, A pillar, bottom left
128	Earth connection -1-, in interior light wiring harness
Y1	Positive (+) connection (30), in interior light wiring harness

* Only applies to models with illuminated vanity mirror
** Does not apply to models with illuminated vanity mirror
*** Only applies to models with automatic anti-dazzle interior mirror

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

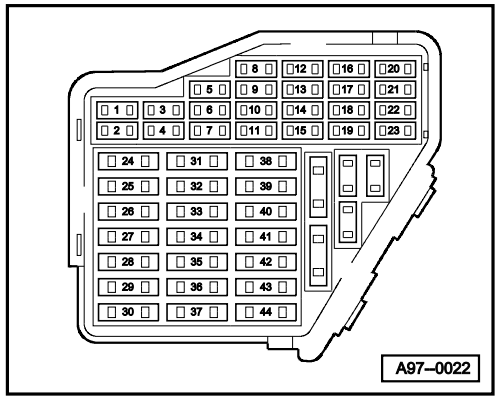
J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
43	Earth point, A pillar, bottom right
106	Earth connection, in anti-theft alarm system wiring harness
268	Earth connection -2-, in door wiring harness - front passenger's side
S2	Connection, in central locking wiring harness

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Central locking and anti-theft alarm system with interior monitoring

From model year 2001

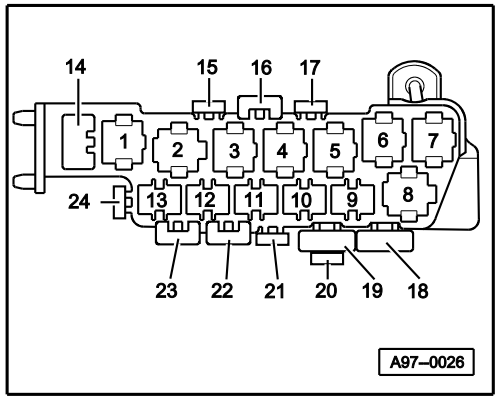
Fuse box:



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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:

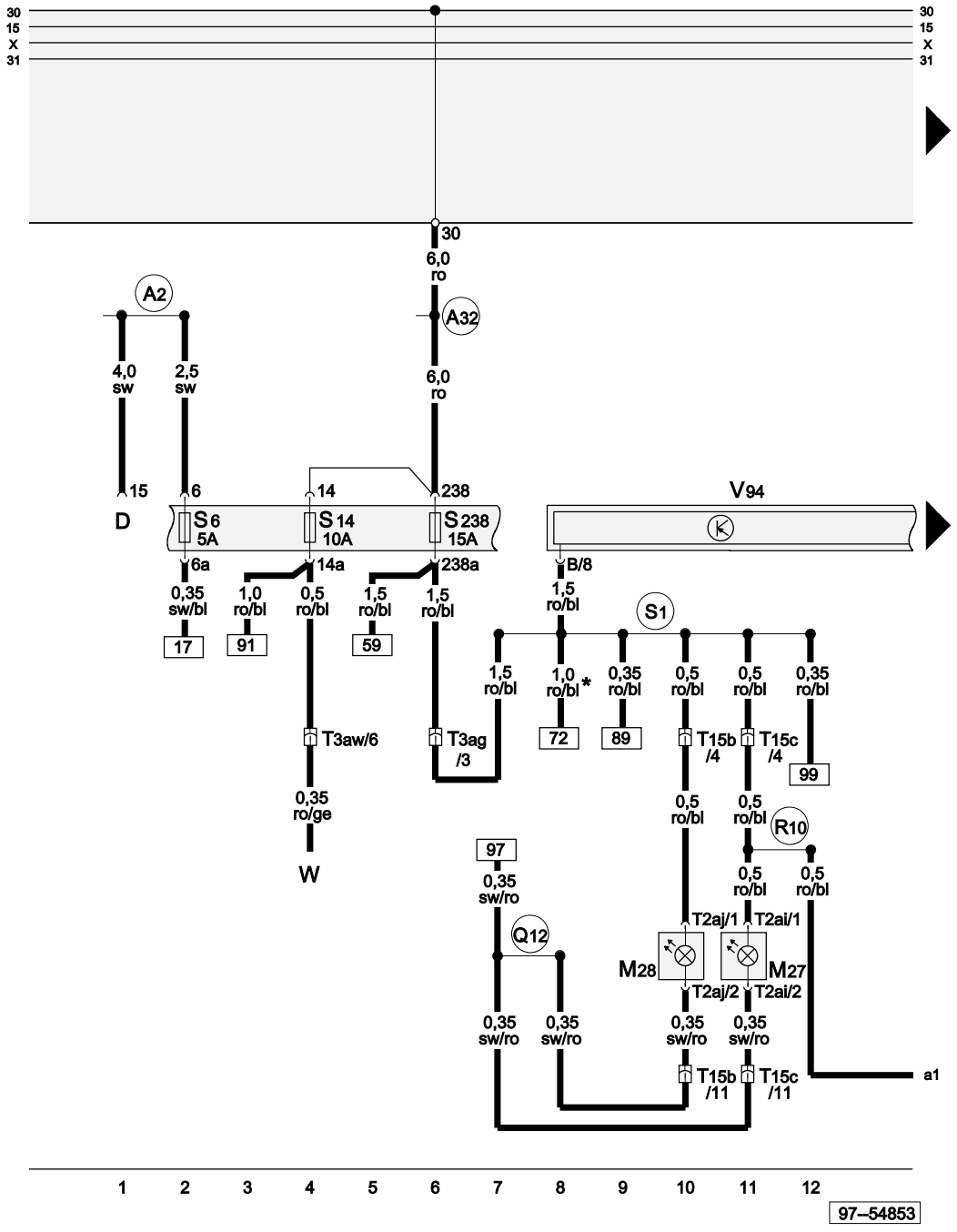
5 - Door warning lamps control unit

Fuse colours

30 A - green
25 A - white
20 A - yellow

15 A - blue
10 A - red

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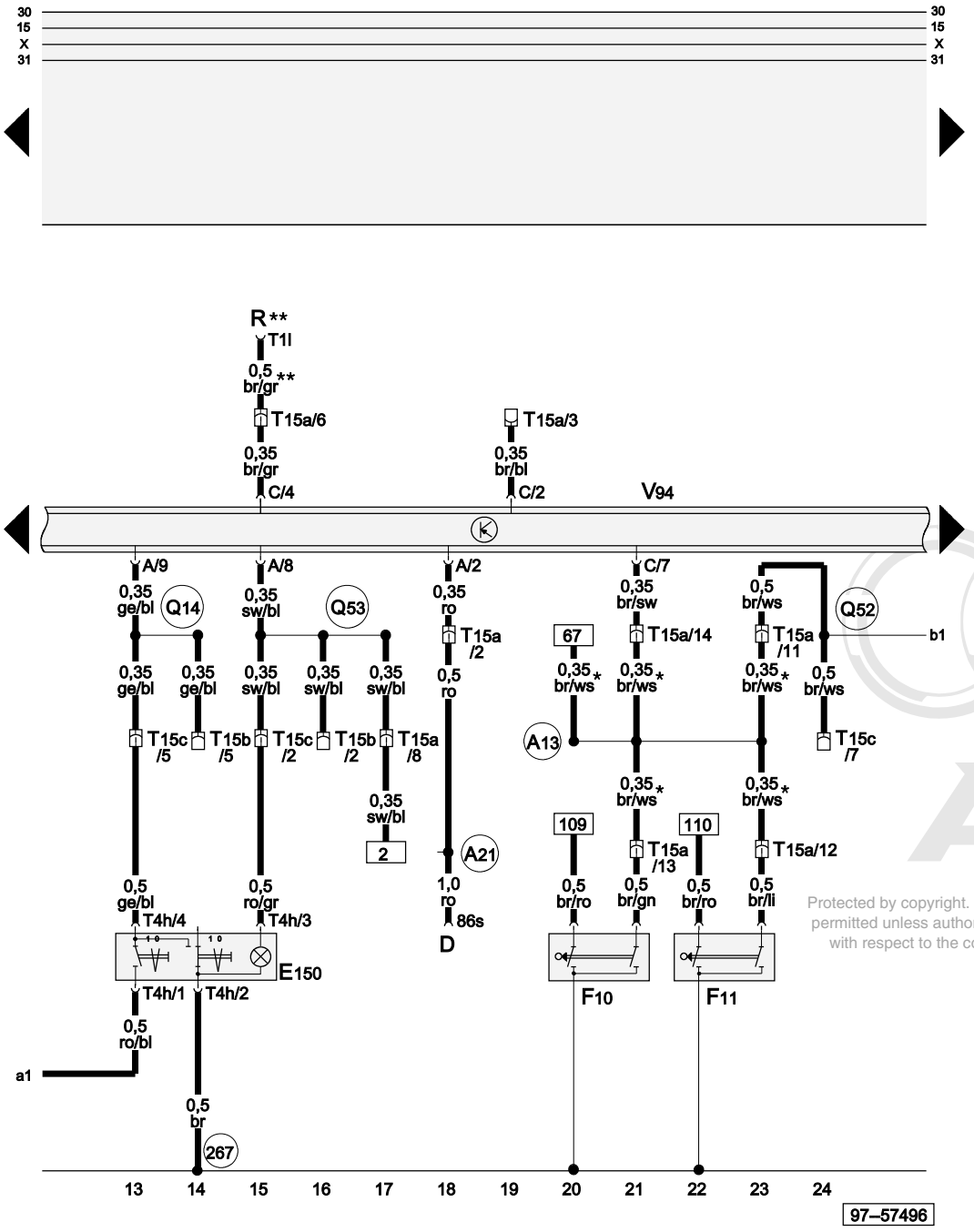


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Central locking and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
M27	Door warning lamp, left
M28	Door warning lamp, right
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T2ai	2-pin connector, grey, in driver's door
T2aj	2-pin connector, grey, in front passenger's door
T3ag	3-pin connector, black, right connector point, A pillar
T3aw	3-pin connector, grey, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q12	Positive (+) connection (30ac), in central locking wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
S1	Positive (+) connection (30), in central locking wiring harness
*	Only models for Great Britain

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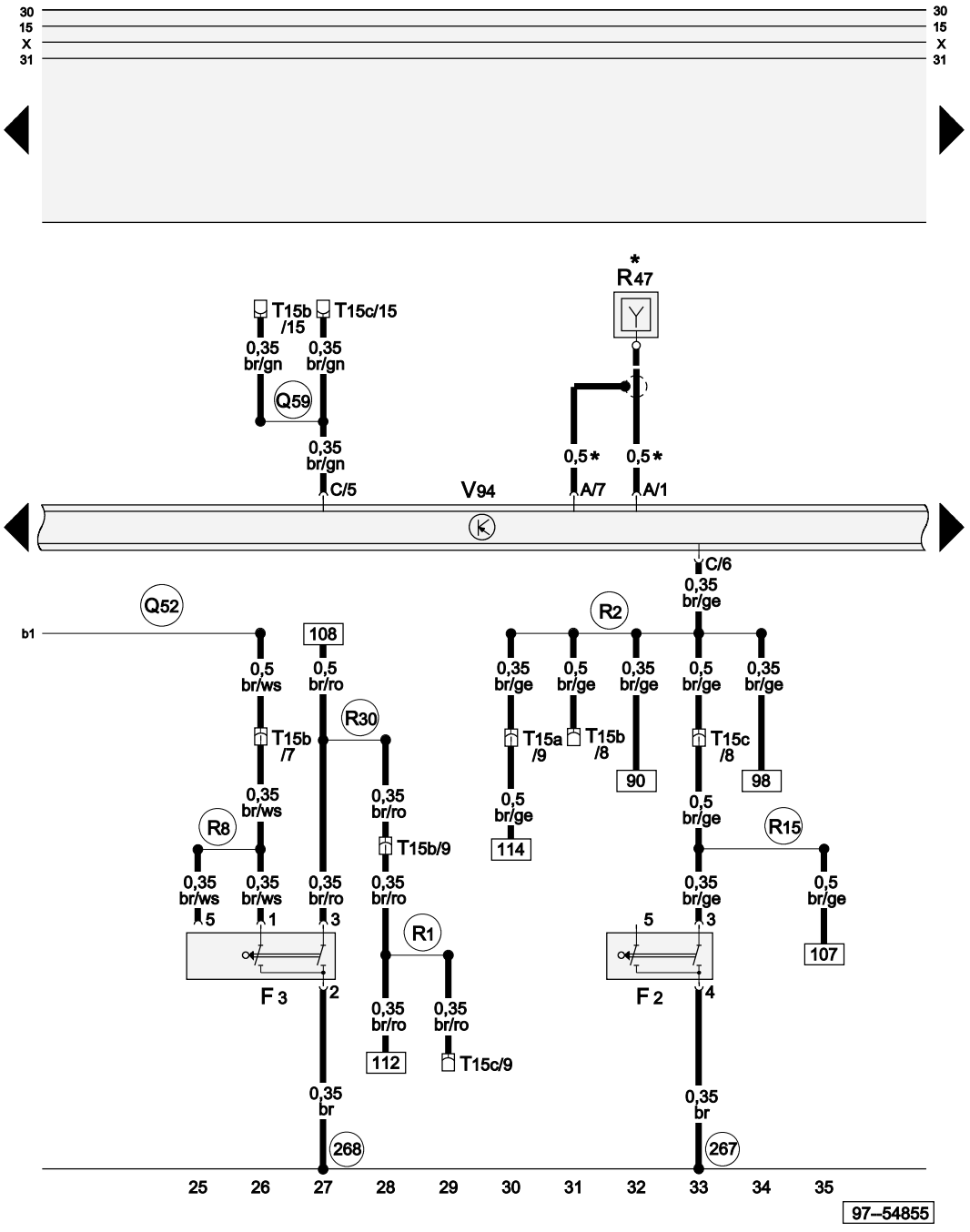


Central locking and anti-theft alarm system with interior monitoring

D	Ignition/starter switch
E150	Interior locking switch, driver's side
F10	Rear left door contact switch
F11	Rear right door contact switch
R	Radio
T1l	Single connector, brown, on radio
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A13	Connection (door contact switch), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
Q14	Connection (inhibitor switch), in central locking wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
*	Only applies to models without multi-function display
**	Only applies to models with radio

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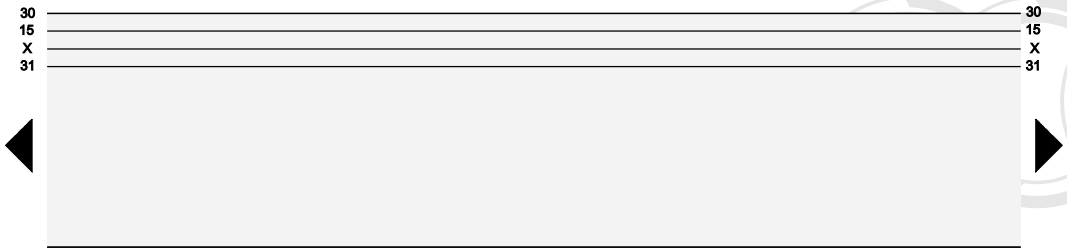


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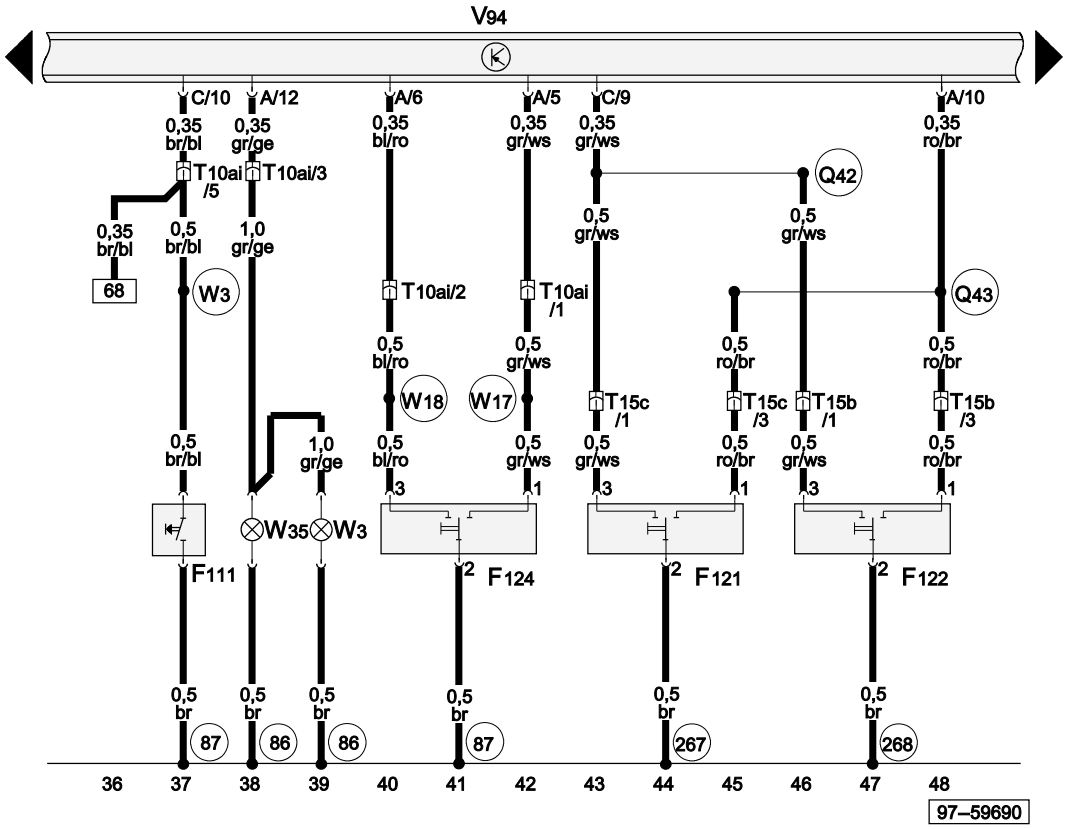
Central locking and anti-theft alarm system with interior monitoring

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
R47	Central locking and anti-theft alarm system aerial
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
268	Earth connection -2-, in door wiring harness - front passenger's side
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models with radio-operated remote control

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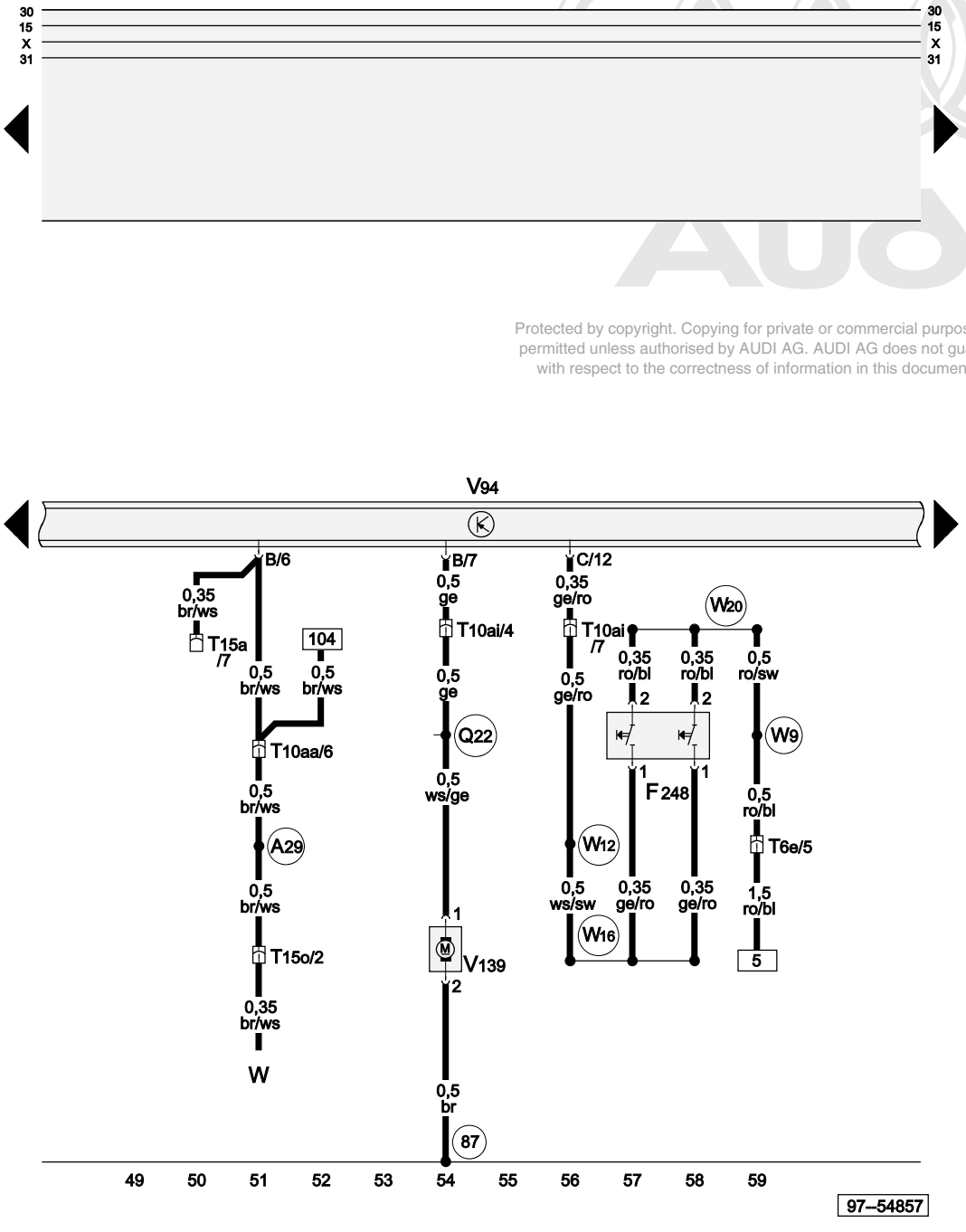
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Central locking and anti-theft alarm system with interior monitoring

F111	Rear lid 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
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
W35	Luggage compartment light, right
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 - front 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

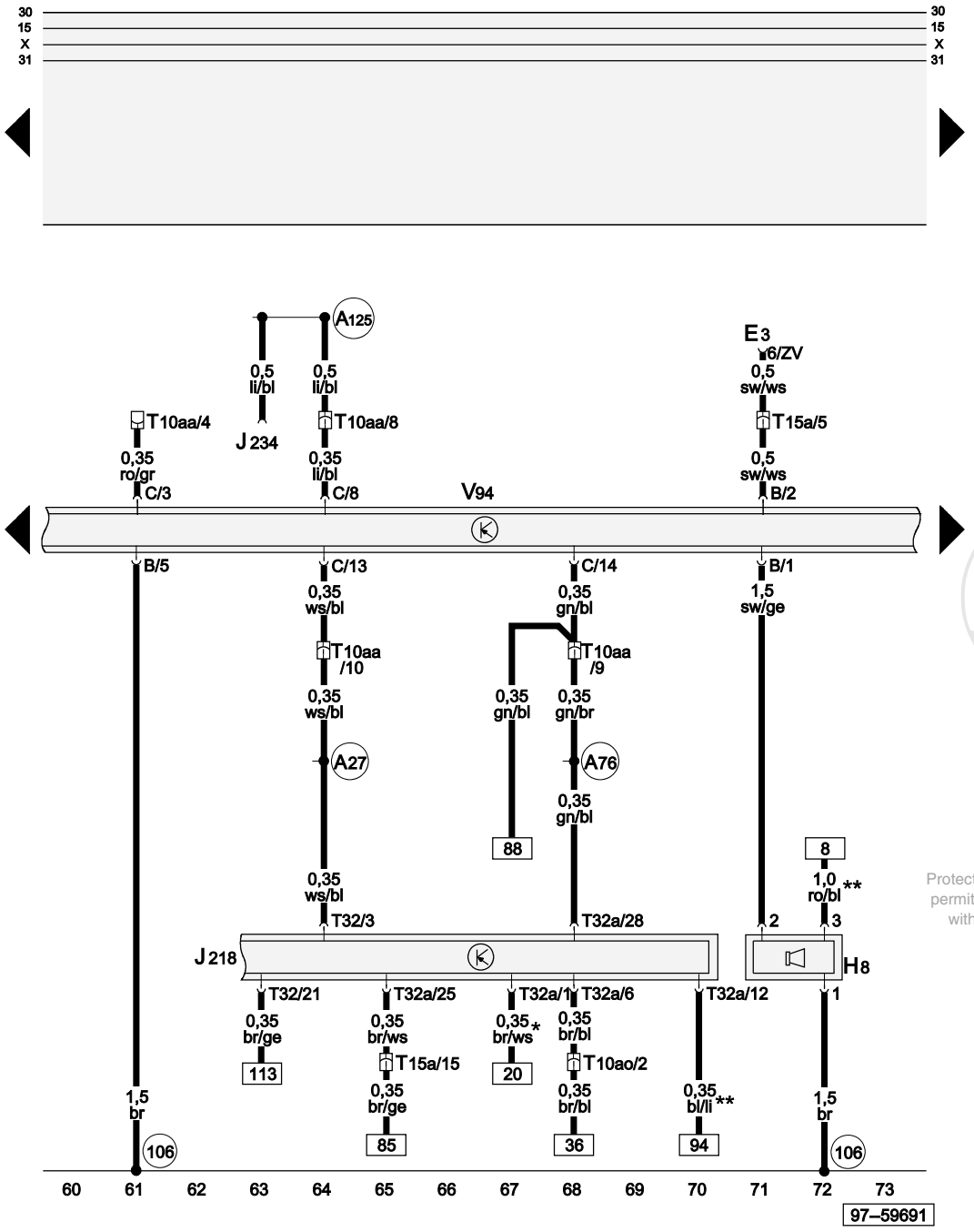


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Central locking and anti-theft alarm system with interior monitoring

F248	Release button for rear lid lock cylinder
T6e	6-pin connector, blue, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
V139	Rear lid release motor
W	Interior light, front
87	Earth connection -2-, in rear wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
W9	Positive (+) connection (30), in rear wiring harness
W12	Connection (DWA (anti-theft alarm system)), in rear lid wiring harness, left
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness

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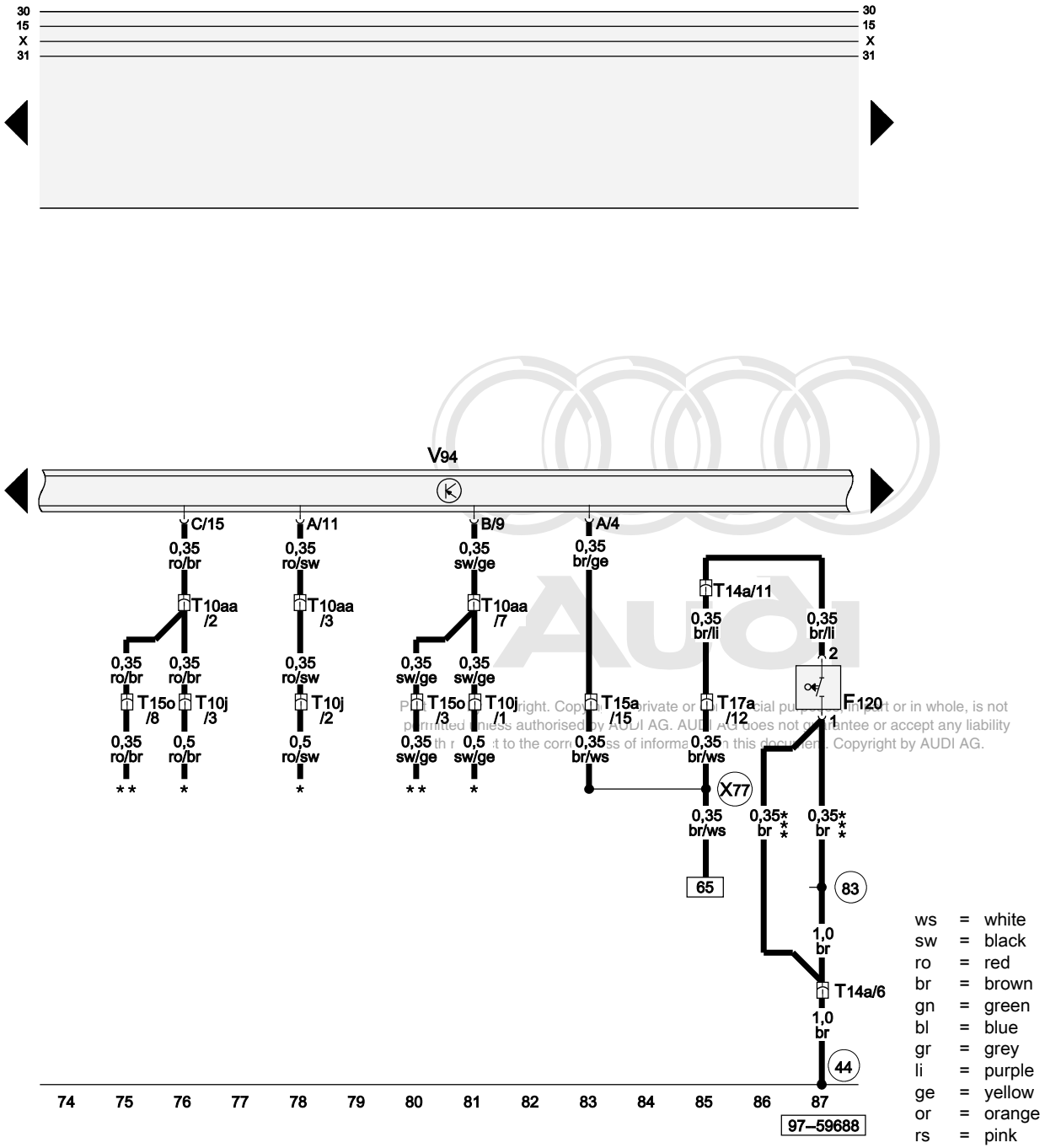


Central locking and anti-theft alarm system with interior monitoring

E3	Hazard warning light switch
H8	Anti-theft alarm system horn
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T10aa	10-pin connector, orange, right connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, 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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models without multi-function display
**	Only models for Great Britain

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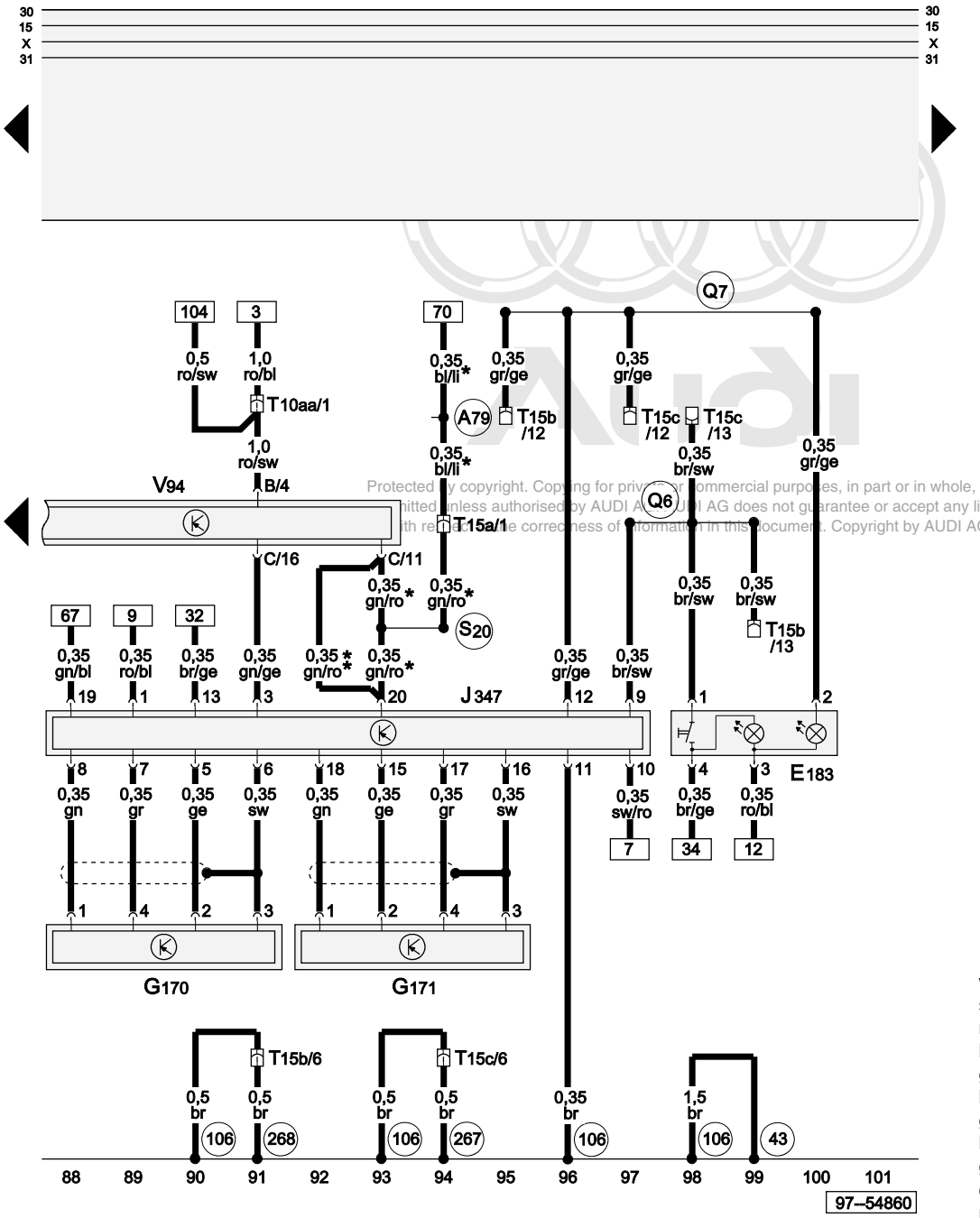
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Central locking and anti-theft alarm system with interior monitoring

F120	Anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T14a	14-pin connector, black, in engine compartment
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
T17a	17-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
44	Earth point, A pillar, bottom left
83	Earth connection 1, in front right wiring harness
X77	Connection (alarm), in optional equipment wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof
***	Depending on vehicle equipment

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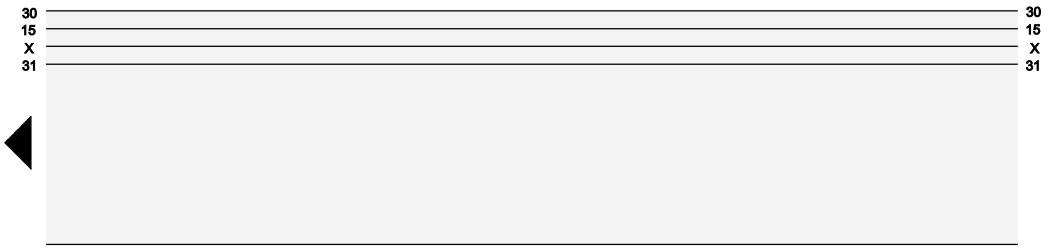


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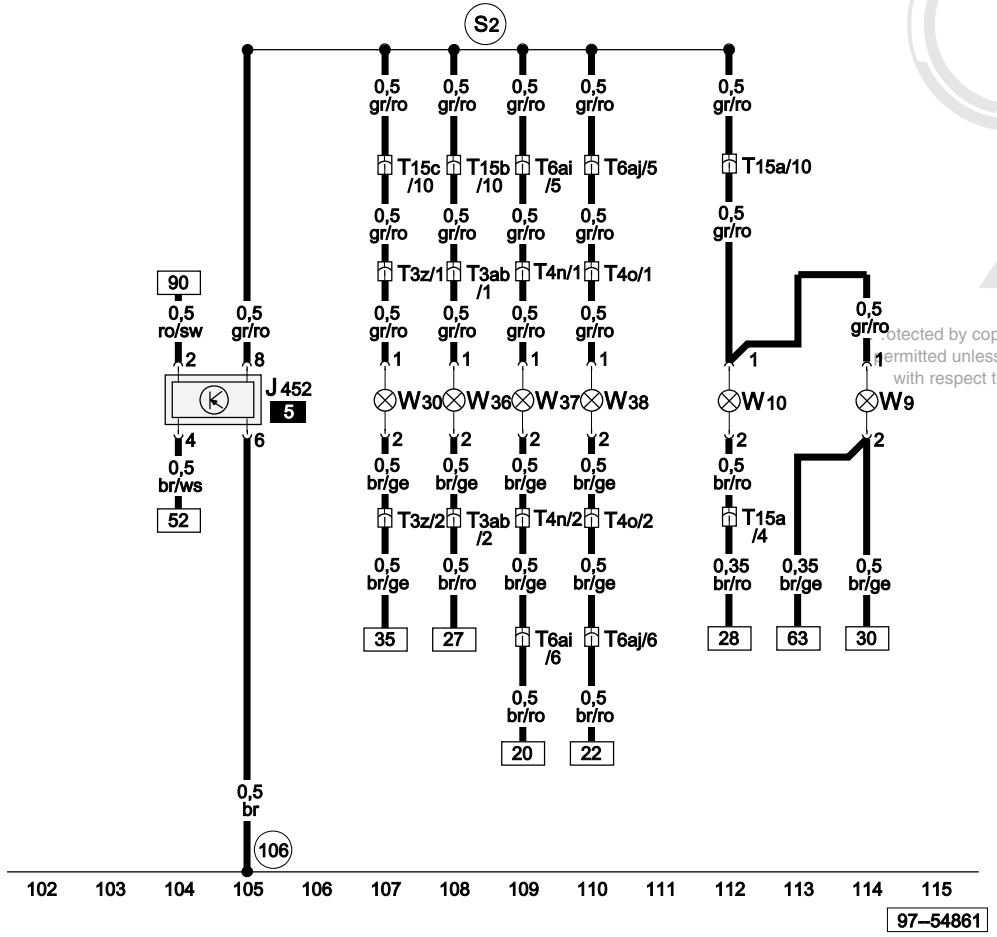
Central locking and anti-theft alarm system with interior monitoring, active door reflectors

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
T10aa	10-pin connector, orange, right connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
43	Earth point, A pillar, bottom right
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 - front passenger's side
A79	Connection (hot light switch), in dash panel wiring harness
Q6	Connection (anti-theft alarm system A1), in central locking wiring harness
Q7	Connection (anti-theft alarm system A2), in central locking wiring harness
S20	Connection -4-, in central locking wiring harness
*	Only models for Great Britain
**	Does not apply to models for Great Britain



Central locking and anti-theft alarm system with interior monitoring

J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
S2	Connection, in central locking wiring harness



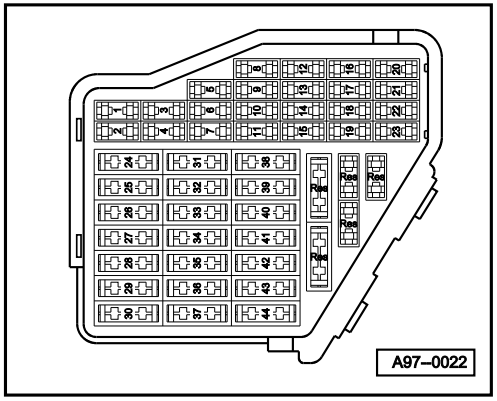
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Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

From model year 2001

Fuse box:

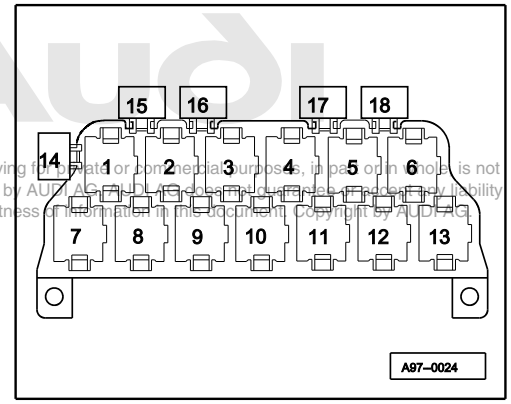


Fuse colours

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:

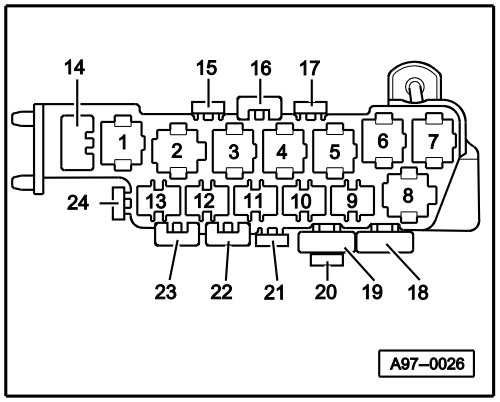


Position of relays:

7 - Heated rear window relay

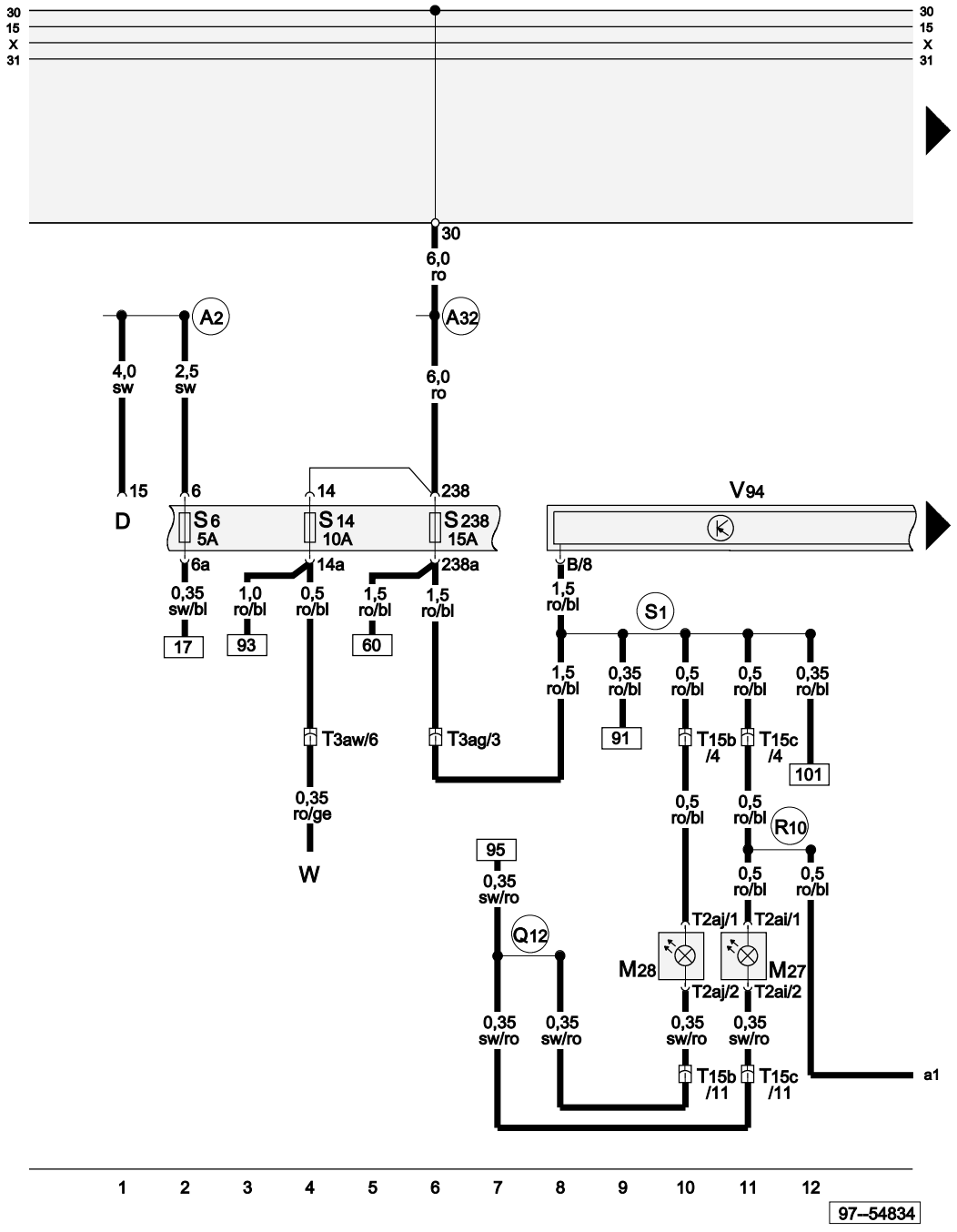
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8-point relay carrier:



Position of relays:

5 - Door warning lamps control unit

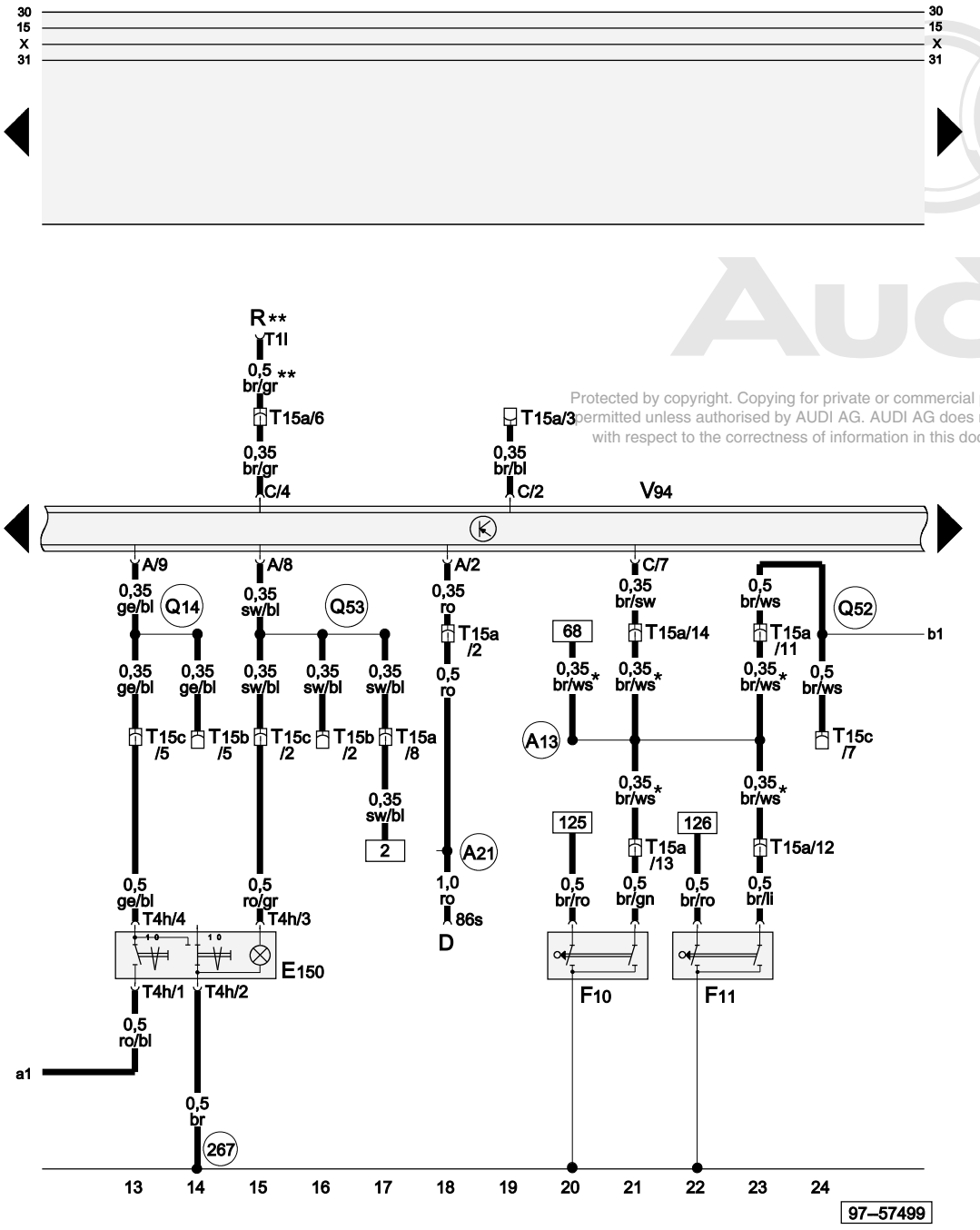


Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

D	Ignition/starter switch
M27	Door warning lamp, left
M28	Door warning lamp, right
S6	Fuse in fuse box
S14	Fuse in fuse box
S238	Fuse in fuse box
T2ai	2-pin connector, grey, in driver's door
T2aj	2-pin connector, grey, in front passenger's door
T3ag	3-pin connector, black, right connector point, A pillar
T3aw	3-pin connector, grey, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
Q12	Positive (+) connection (30ac), in central locking wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
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
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or	=	orange
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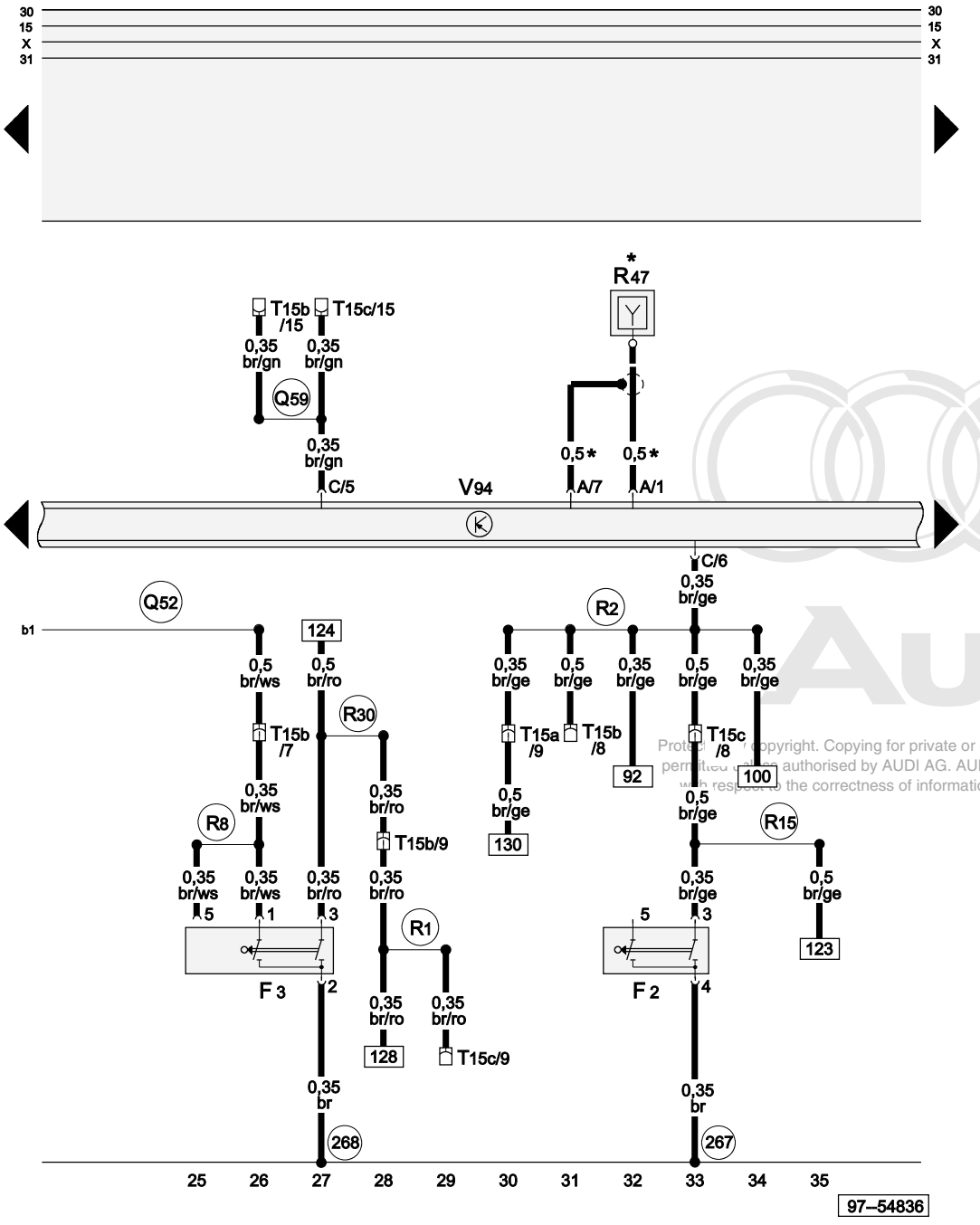


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Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

D	Ignition/starter switch
E150	Interior locking switch, driver's side
F10	Rear left door contact switch
F11	Rear right door contact switch
R	Radio
T1l	Single connector, brown, on radio
T4h	4-pin connector, in driver's door
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
A13	Connection (door contact switch), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
Q14	Connection (inhibitor switch), in central locking wiring harness
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
*	Only applies to models without multi-function display
**	Only applies to models with radio

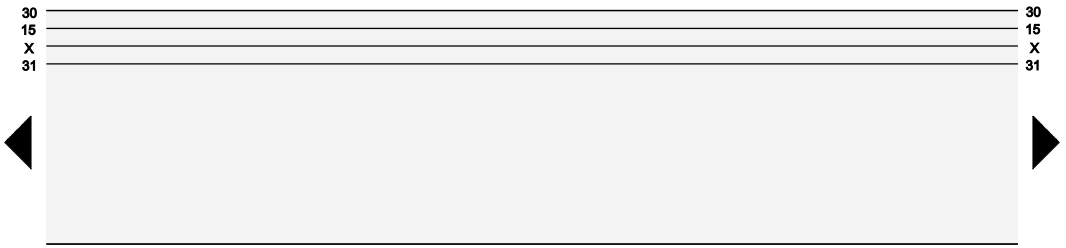


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Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
R47	Central locking and anti-theft alarm system aerial
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
268	Earth connection -2-, in door wiring harness - front passenger's side
Q52	Connection (door contact switch), in anti-theft alarm system wiring harness
Q59	Connection (country coding), in anti-theft alarm system wiring harness
R1	Connection (door contact switch, right), in central locking wiring harness
R2	Connection (door contact switch, left), in central locking wiring harness
R8	Connection (door contact switch), in rear door contact switch wiring harness
R15	Connection -2- (closed), in door wiring harness - driver's side
R30	Connection -2- (closed), in door wiring harness - front passenger's side
*	Only applies to models with radio-operated remote control

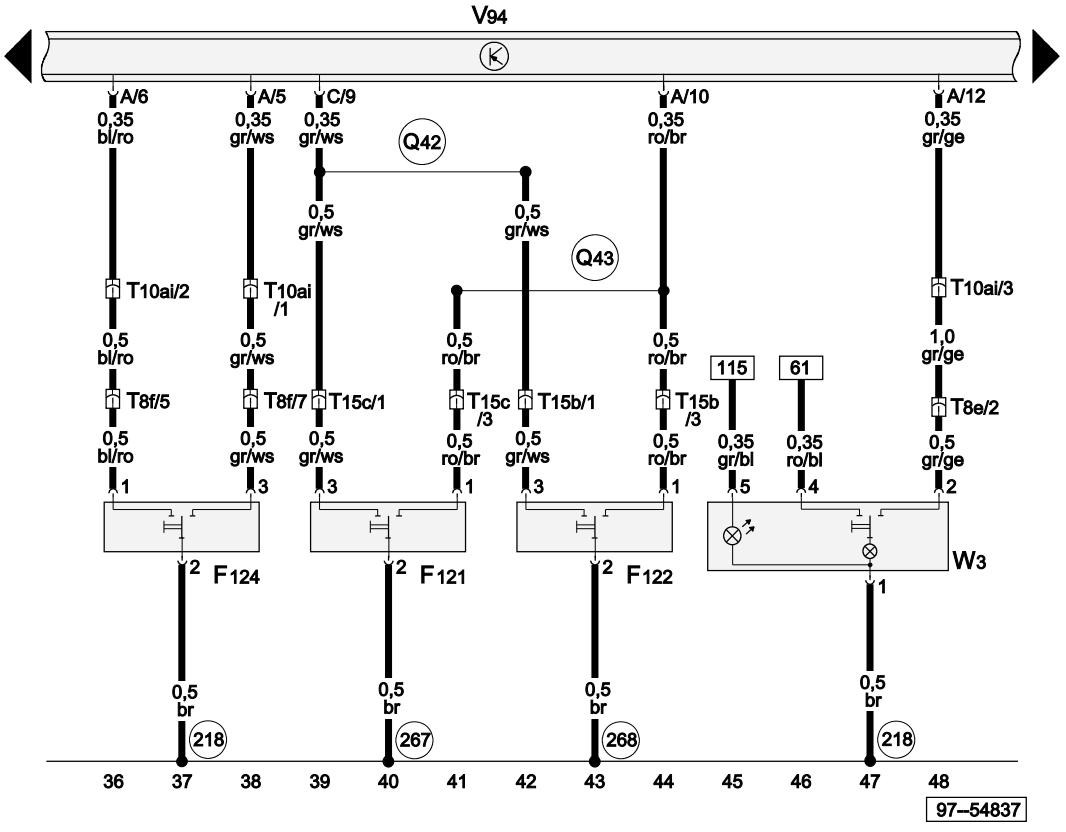
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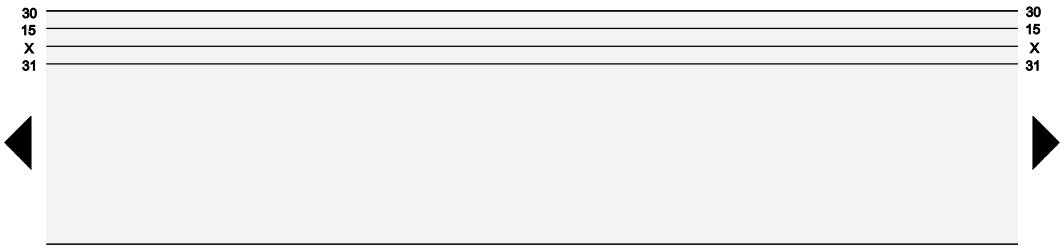
Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

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
T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
218	Earth connection -1-, in rear lid wiring harness
267	Earth connection -2-, in door wiring harness - driver's side
268	Earth connection -2-, in door wiring harness - front 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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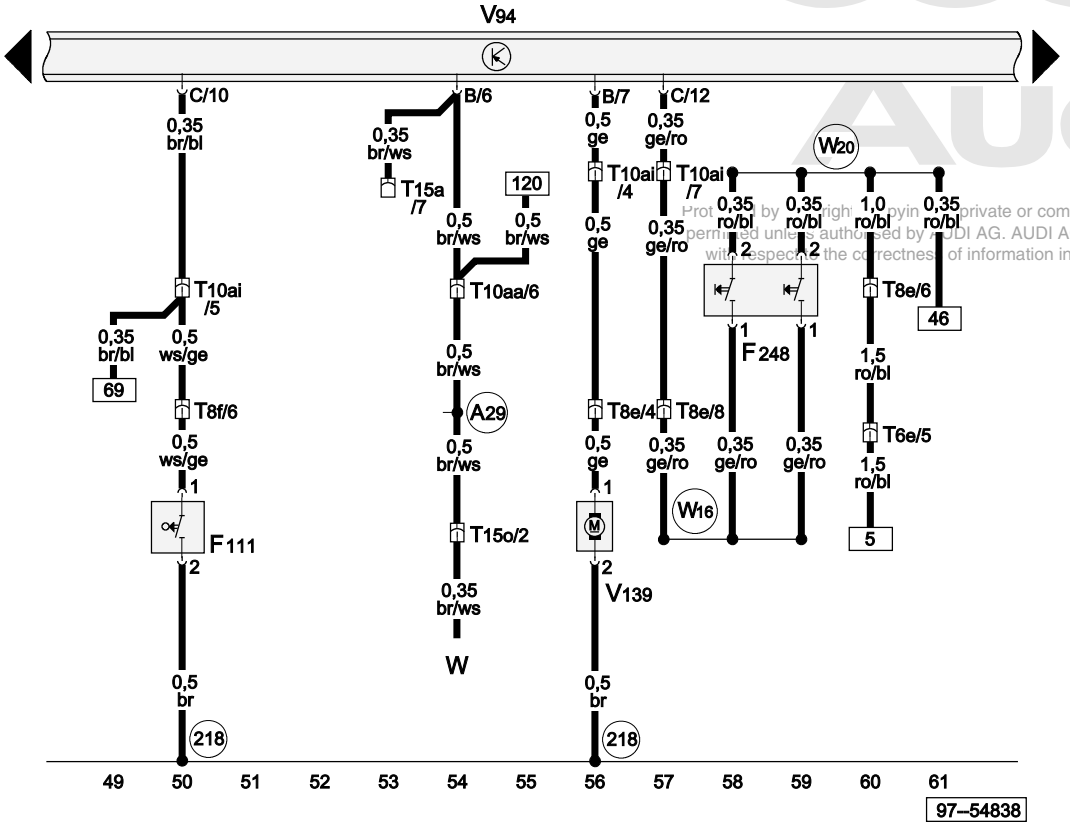


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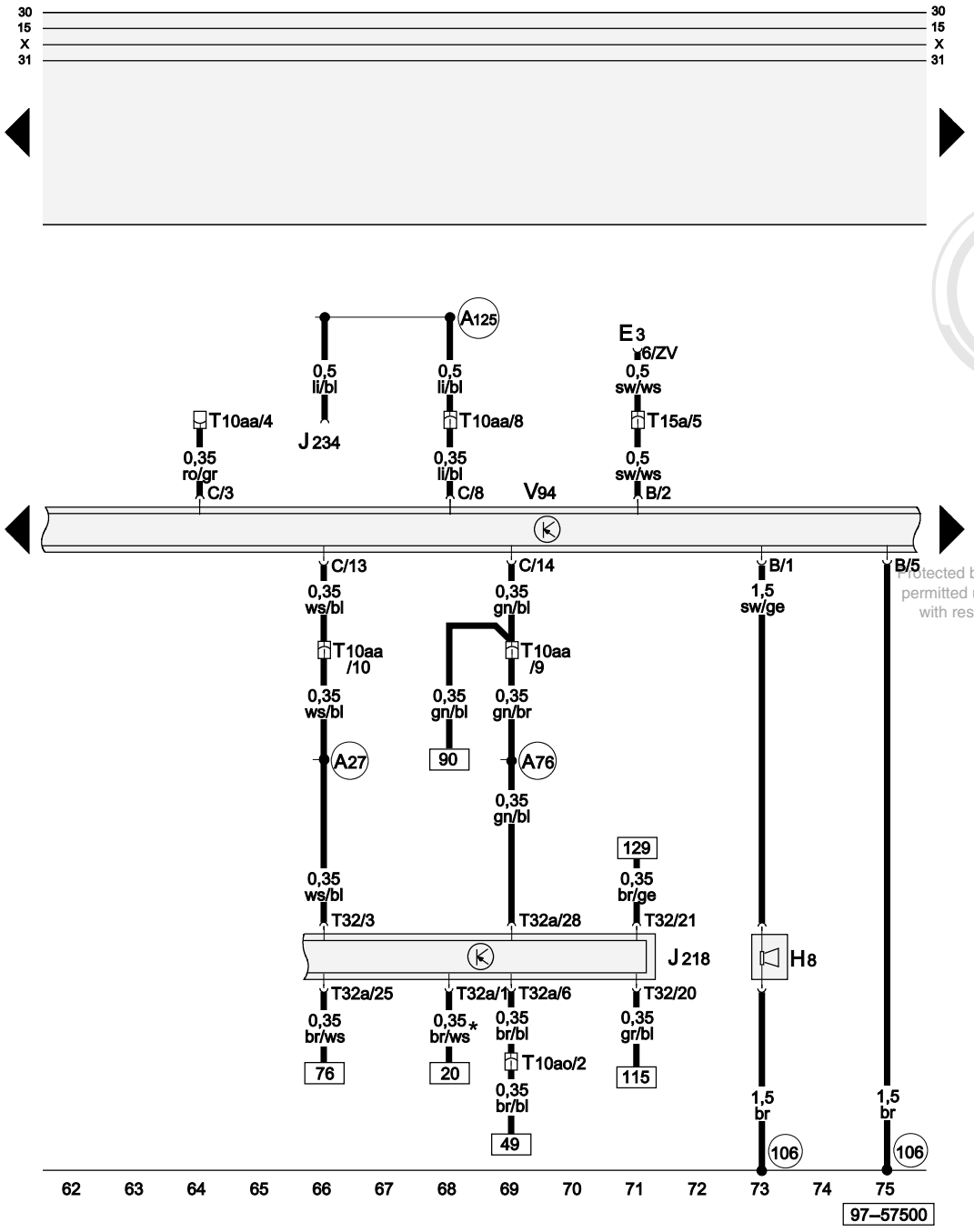
Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

F111	Rear lid contact switch
F248	Release button for rear lid lock cylinder
T6e	6-pin connector, blue, left connector point, A pillar
T8e	8-pin connector, black, in luggage compartment, rear left
T8f	8-pin connector, brown, in luggage compartment, rear left
T10aa	10-pin connector, orange, right connector point, A pillar
T10ai	10-pin connector, purple, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
V94	Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
V139	Rear lid release motor
W	Interior light, front
218	Earth connection -1-, in rear lid wiring harness
A29	Positive (+) connection (interior light), in dash panel wiring harness
W16	Connection (contact switch in rear lid/anti-theft alarm/central locking system lock cylinder), in rear wiring harness
W20	Positive (+) connection (30a), in rear wiring harness



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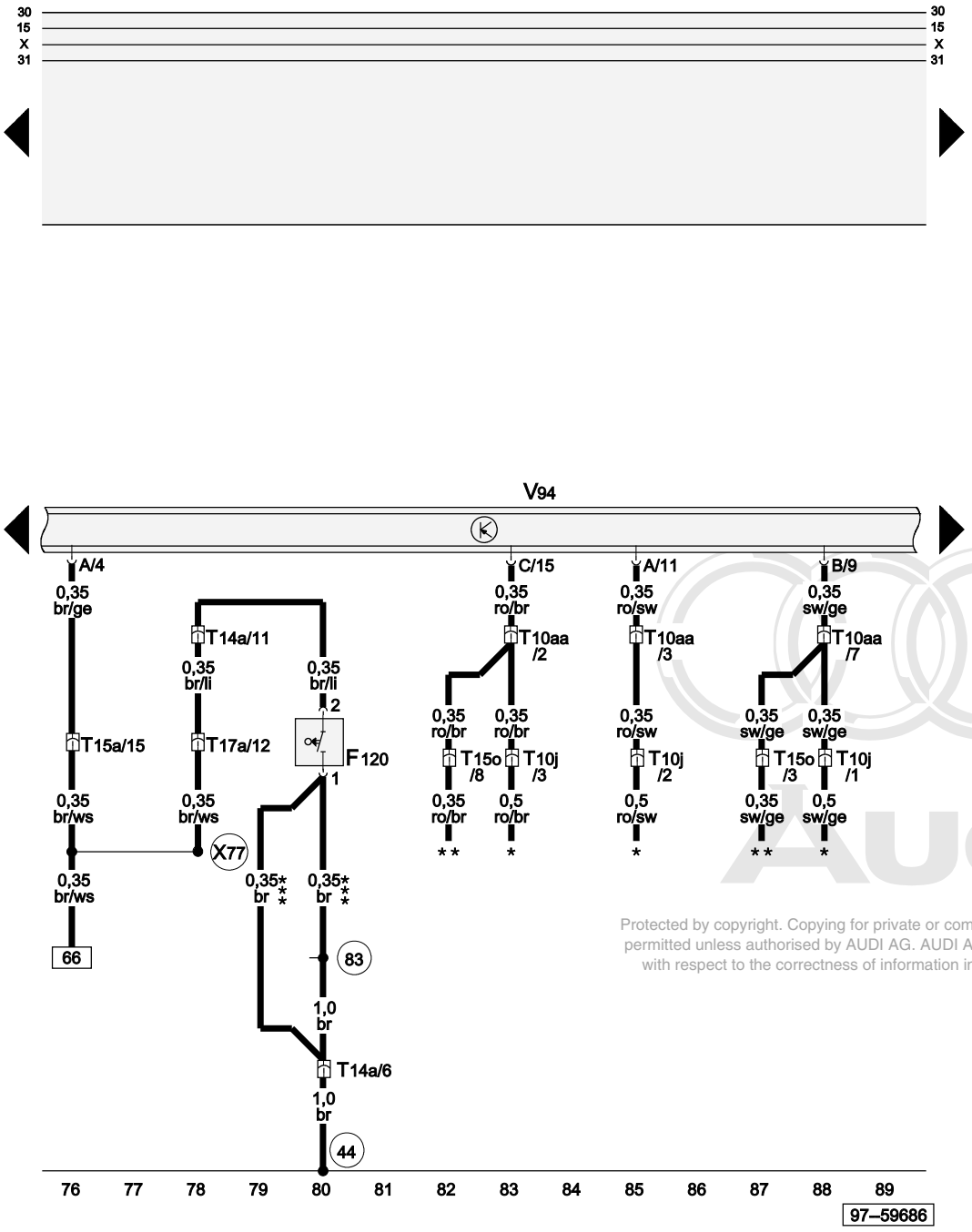


Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

E3	Hazard warning light switch
H8	Anti-theft alarm system horn
J218	Combi-processor in dash panel insert
J234	Airbag control unit
T10aa	10-pin connector, orange, right connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
T15a	15-pin connector, black, right connector point, A pillar
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, 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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models without multi-function display

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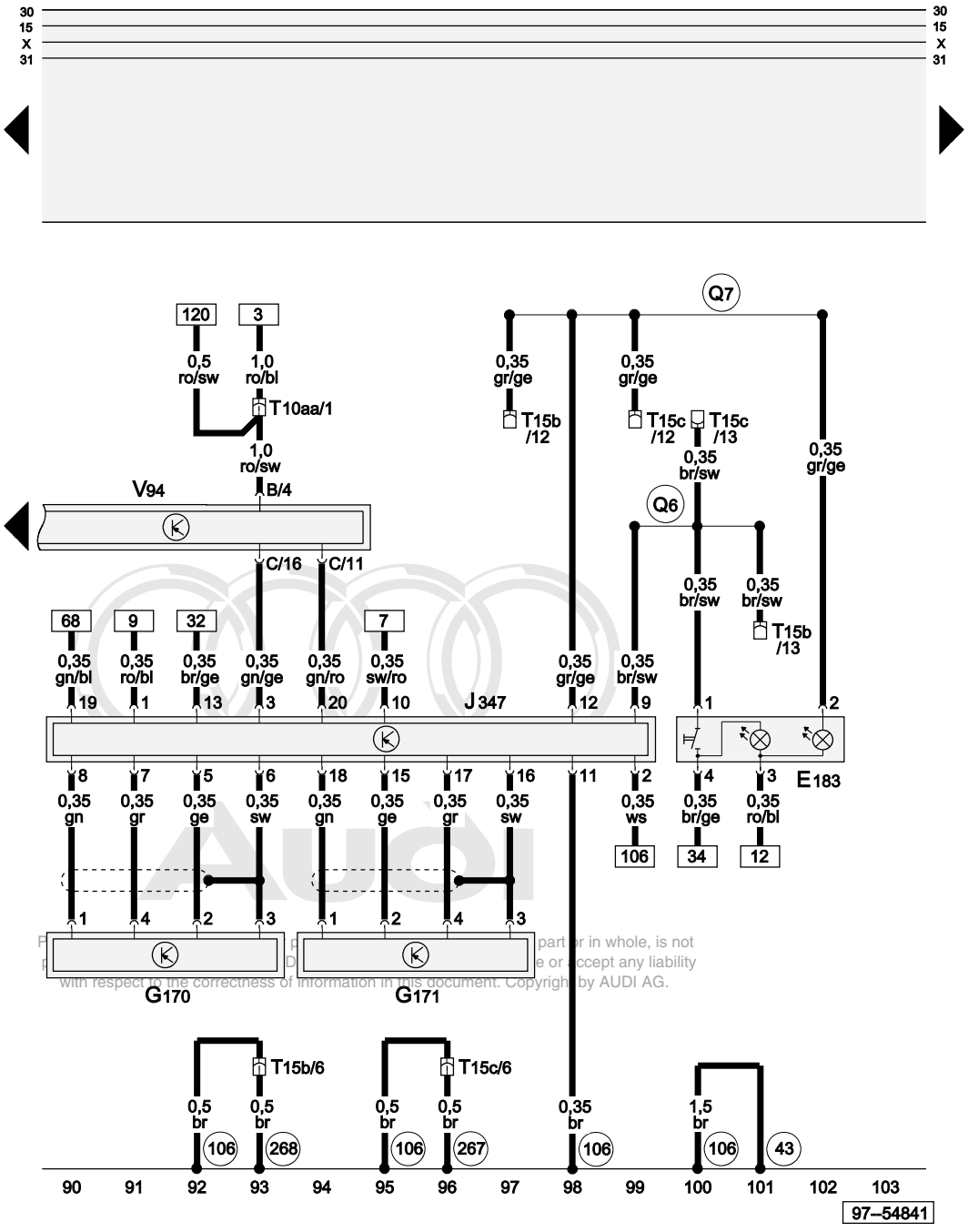


Central locking and anti-theft alarm system with interior monitoring, Audi Avant models

F120	Anti-theft alarm system contact switch
T10j	10-pin connector, green, left connector point, A pillar
T10aa	10-pin connector, orange, right connector point, A pillar
T14a	14-pin connector, black, in engine compartment
T15a	15-pin connector, black, right connector point, A pillar
T15o	15-pin connector, grey, left connector point, A pillar
T17a	17-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
44	Earth point, A pillar, bottom left
83	Earth connection 1, in front right wiring harness
X77	Connection (alarm), in optional equipment wiring harness
*	⇒ Applicable Current Flow Diagram: Electric windows
**	⇒ Applicable Current Flow Diagram: Electric sliding/tilting sunroof
***	Depending on vehicle equipment

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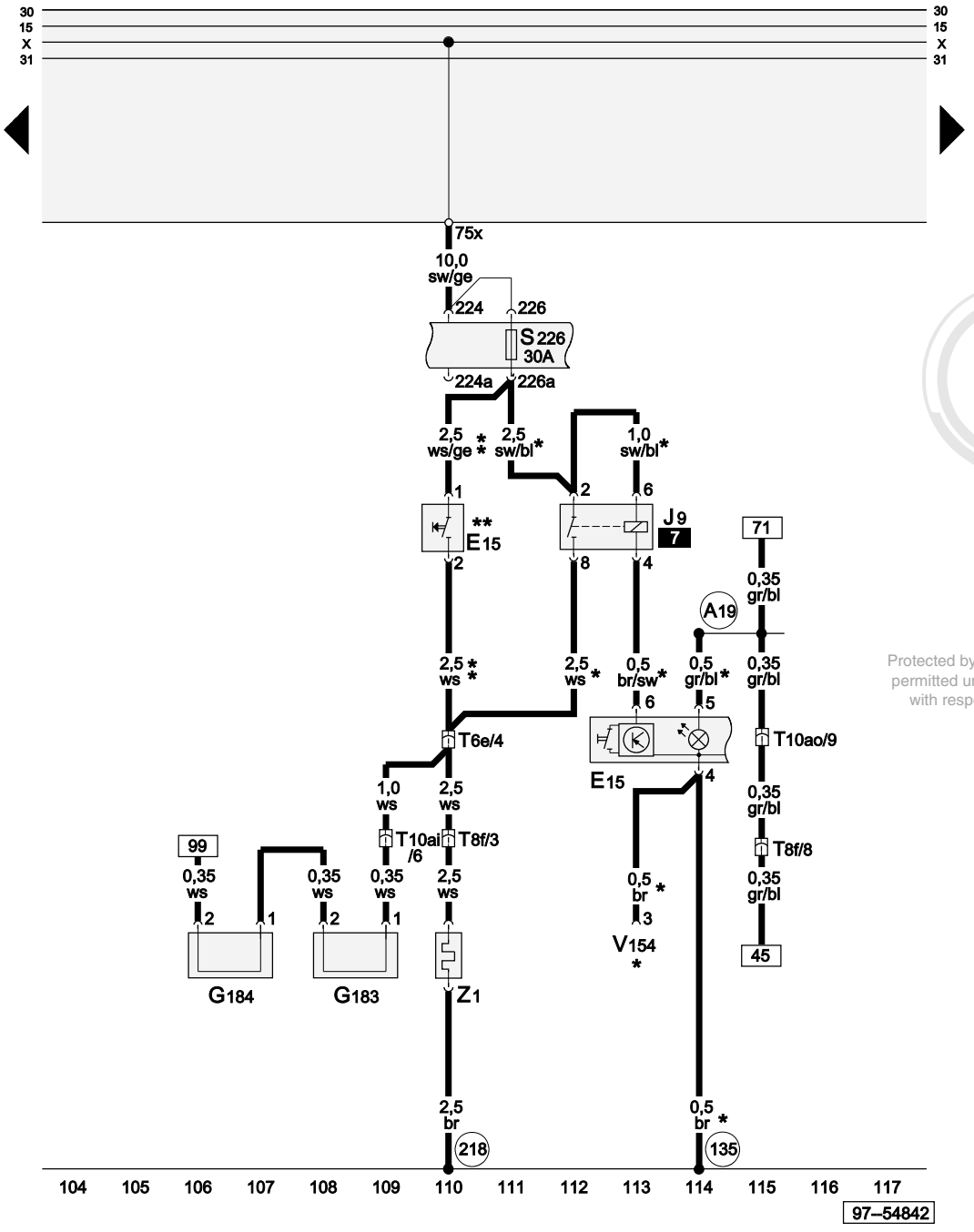


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Central locking and anti-theft alarm system with interior monitoring

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
T10aa	10-pin connector, orange, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-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
43	Earth point, A pillar, bottom right
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 - front passenger's side
Q6	Connection (anti-theft alarm system A1), in central locking wiring harness
Q7	Connection (anti-theft alarm system A2), in central locking wiring harness

Audi
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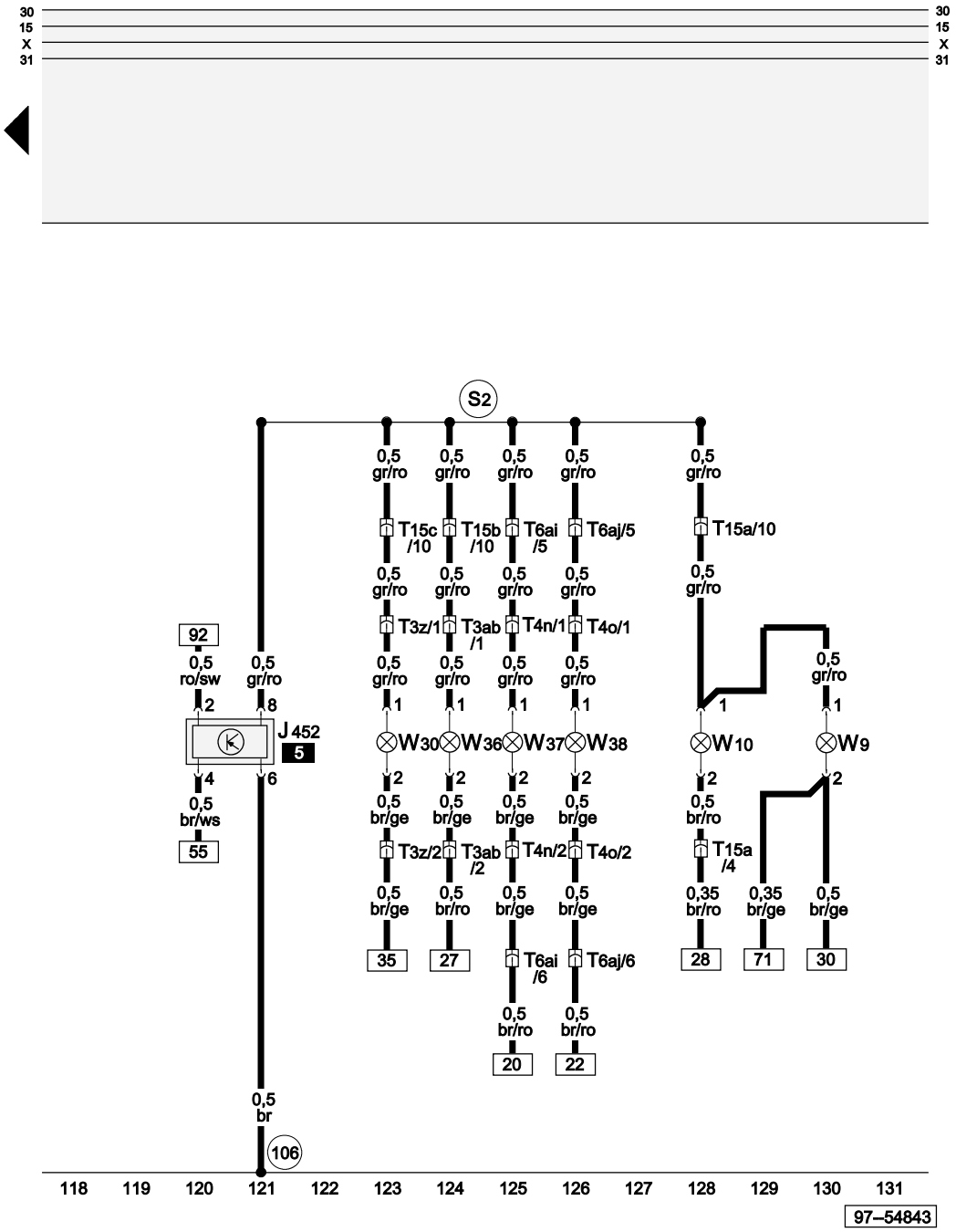


Central locking and anti-theft alarm system with interior monitoring, glass breakage sensors, Audi Avant models

E15	Heated rear window switch
G183	Glass breakage sensor, rear left side window
G184	Glass breakage sensor, rear right side window
J9	Heated rear window relay
S226	Fuse in fuse box
T6e	6-pin connector, blue, left connector point, A pillar
T8f	8-pin connector, brown, in luggage compartment, rear left
T10ai	10-pin connector, purple, left connector point, A pillar
T10ao	10-pin connector, white, left connector point, A pillar
V154	Fresh air/air recirculating flap control motor
Z1	Heated rear window
135	Earth connection -2-, in dash panel wiring harness
218	Earth connection -1-, in rear lid wiring harness
A19	Connection (58d), in dash panel wiring harness
*	Only applies to models without air conditioning system
**	Only applies to models with air conditioning system

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Central locking and anti-theft alarm system with interior monitoring, active door reflectors, Audi Avant models

J452	Door warning lamps control unit
T3z	3-pin connector, grey, in driver's door
T3ab	3-pin connector, grey, in front passenger's door
T4n	4-pin connector, black, in rear left door
T4o	4-pin connector, black, in rear right door
T6ai	6-pin connector, yellow, left connector point, B pillar
T6aj	6-pin connector, yellow, right connector point, B pillar
T15a	15-pin connector, black, right connector point, A pillar
T15b	15-pin connector, brown, right connector point, A pillar
T15c	15-pin connector, brown, left connector point, A pillar
W9	Left footwell light
W10	Right footwell light
W30	Door warning lamp, driver's side
W36	Door warning lamp, front passenger's side
W37	Door warning lamp, rear left
W38	Door warning lamp, rear right
106	Earth connection, in anti-theft alarm system wiring harness
S2	Connection, in central locking wiring harness

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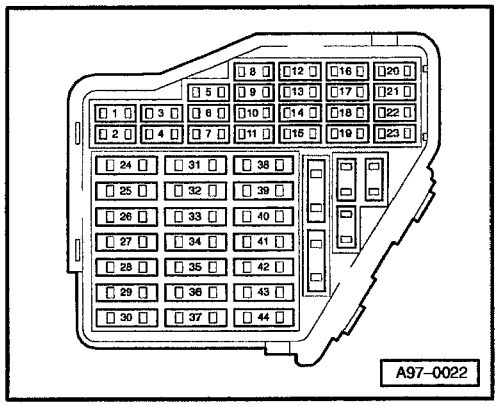
Fitting Locations: Model Year 2000

Contents:

Position of fuses in fuse box	No. 1/1
Position of fuses in fuse box	No. 1/2
13-point relay carrier	No. 1/3
Micro-central electrics	No. 1/3
8-point relay carrier	No. 1/4
3-point relay carrier	No. 1/4

Edition 07.99
000.5521.01.20

Position of fuses in fuse box:



1 - Heated washer jets

2 - Turn signals

3 - Headlight washer system relay, lighting (glove box) for: engine compartment, air conditioner, 4-speed automatic gearbox, dash panel insert

4 - Number plate lights

5 - Dash panel insert, seat heating, bulb monitoring, catalytic converter, diesel lights, gearshift display, switch illumination, mirror switch and mirror motors, airbag warning light, ambient temperature indicator, air conditioner, rear window blind, parking aid, navigation system, telephone/ telematics

6 - Central locking

7 - ABS, brake light switch, clutch pedal switch

8 - Telephone/telematics

9 - Heated mirrors

10 - Automatic headlight range control

11 - Cruise control system (automatic gearbox)

12 - Voltage supply - diagnosis

13 - Brake lights

14 - Interior lights, reading lights, anti-theft alarm system, make-up mirrors, seat adjustment memory

15 - Dash panel insert, air conditioner, memory (seat adjustment/mirrors), navigation system

16 - ABS, electronic stability program

17 - Heated lock cylinders, navigation system, self-levelling suspension, two-way radio, two-way radio (special vehicles)

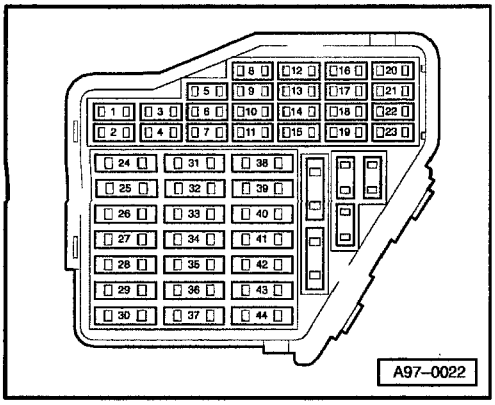
18 - Main beam headlight, right

19 - Main beam headlight, left

20 - Dipped beam headlight, right; headlight range control

21 - Dipped beam headlight, left; headlight range control

Position of fuses in fuse box:



22 - Tail and side lights, right

23 - Tail and side lights, left

24 - Windscreen wiper system, washer pump, intermittent wiper relay

25 - Fresh air blower, air conditioner

26 - Heated rear window, mirror heating, air recirculation

27 - Rear window wiper, heated steering wheel with electronics

28 - Fuel pump/diesel auxiliary pump

29 - Engine management

30 - Sliding roof

31 - Reversing lights, cruise control system, automatic gearbox, rpm boost (V6 2.8 litre, 128 kW, 2V quattro 5HP180), automatic anti-dazzle interior mirror, EGR valve, diagnosis connector

32 - Engine management

33 - Cigarette lighter

34 - Engine management

35 - Trailer socket

36 - Front fog lights and rear fog light

37 - Radio sound systems

38 - Luggage compartment light, central locking

39 - Hazard warning lights

40 - Horn

41 - ABS 5.0 - hydraulic unit (valves)

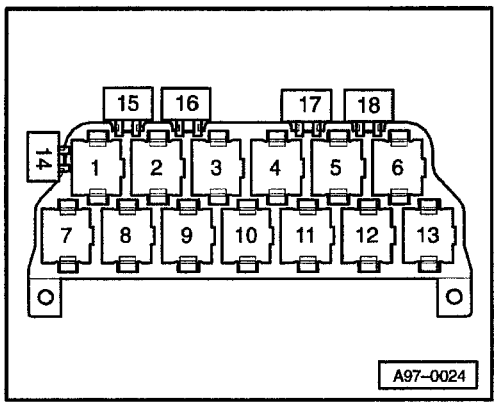
42 - Electronic stability program

43 - EGR valve, coolant temperature sensor

44 - Seat heating (power circuit)

Note: See applicable Current Flow Diagram for fuse ratings.

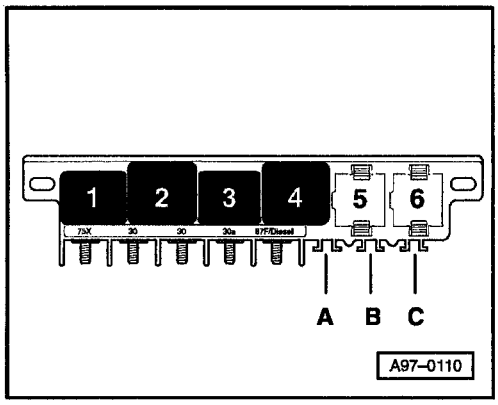
13-point relay carrier:



1 - Vacant
2 - Multi-function steering wheel control unit
3 - Multi-function steering wheel control unit
4 - Bulb monitoring control unit
5 - Bulb monitoring control unit
6 - Alarm system II control unit (taxi)
7 - Heated rear window relay
8 - Daytime driving lights relay, alarm system control unit (taxi)
9 - Headlight relay, alarm system control unit
10 - Relay for glow plugs
11 - Mirror control unit (with retraction function)
12 - Mirror control unit (with retraction function)
13 - Automatic gearbox relay
14 - Fuse - police vehicles, fuse - taxi vehicles
15 - Fuse - police vehicles, fuse - taxi vehicles
16 - Fuse - police vehicles, fuse - taxi vehicles
17 - Fuse - police vehicles, fuse - taxi vehicles
18 - Vacant

Fit at any vacant relay point - diesel auxiliary pump relay, magnetic clutch control unit

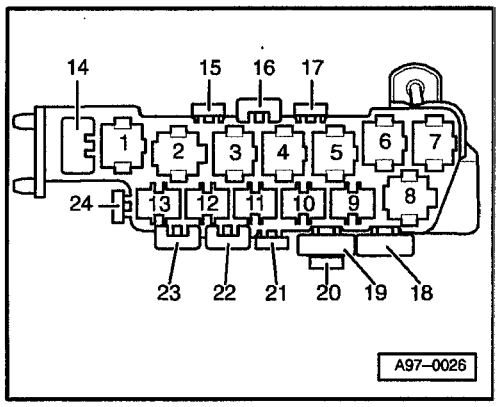
Micro-central electrics:



1 - Horn relay
2 - Relief relay for X contact
3 - Vacant
4 - Fuel pump relay, relay for glow plugs
5 - Intermittent wash/wipe relay
6 - Intermittent wash/wipe relay

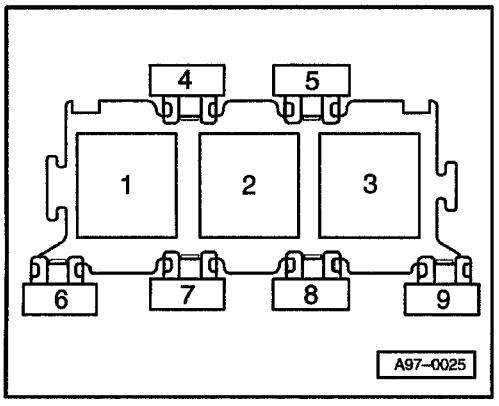
A - Vacant
B - Vacant
C - Vacant

8-point relay carrier:



1 - Radiator fan relay (run-on)
2 - Radiator fan relay (maximum speed)
3 - Radiator fan relay (80 W maximum speed), auxiliary water pump control unit
4 - Relay for electronic stability program
5 - Active door reflectors control unit
6 - Vacant
7 - Relay for electronic stability program
8 - Vacant
14 - Fuse for optional equipment
15 - Seat adjustment fuse, front passenger's side
16 - Seat adjustment fuse, driver's side
17 - Repeller system fuse
18 - ABS fuse
19 - Radiator fan fuse
20 - Radiator fan fuse
21 - Radiator fan fuse (relay coil)
22 - Rear window lifter fuse
23 - Front window lifter fuse
24 - Fuse for luggage compartment socket (Avant)

3-point relay carrier:



1 - Relay I for heater elements (coolant)
2 - Relay II for heater elements (coolant), secondary air pump relay
3 - Diesel direct injection system relay, Motronic current supply relay
4 - Auxiliary pump fuse
5 - Fuse for engine electrics
6 - Vacant
7 - Fuse I for glow plugs, secondary air pump fuse
8 - Fuse II for glow plugs
9 - Fuse for glow plugs - engine