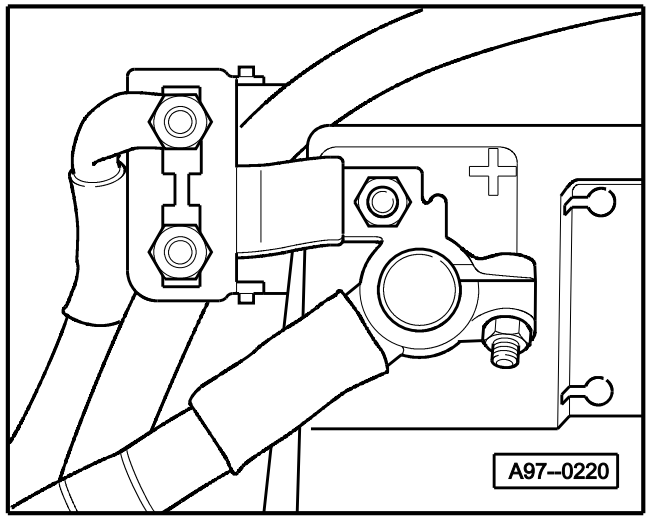
Basic equipment

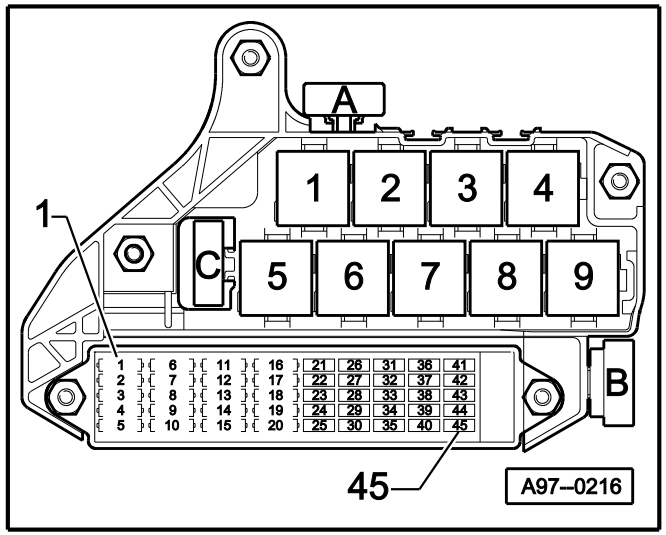
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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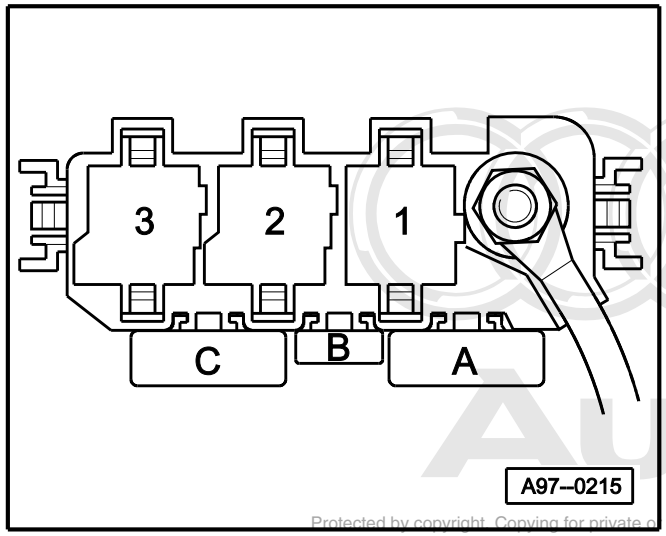
♦ In dash panel, driver's side

5 - Dual tone horn relay (J4)
9 - X contact relief relay (J59)

Fuse colours

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

3-point relay carrier



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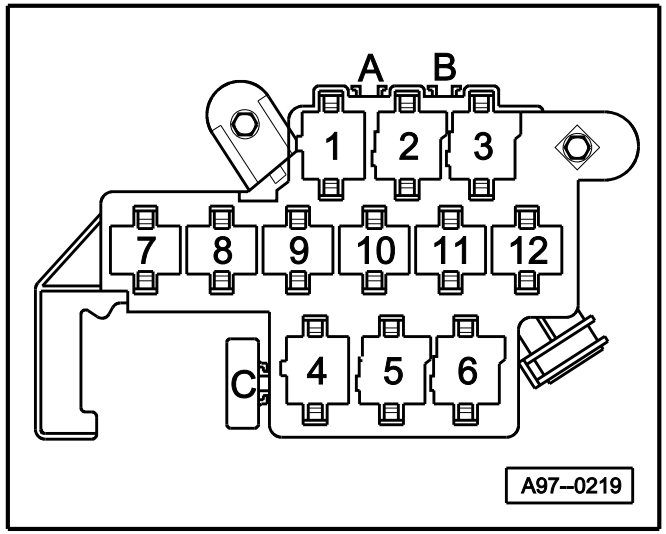
♦ In footwell, front left

C - Fuse -1- (30) (power steering) (S204)

6+6-point relay carrier



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- In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

Earth connections

43	Earth point, lower part of right A pillar
44	Earth point, lower part of left A pillar
50	Earth point, luggage compartment, left
61	Earth point, left C pillar
98	Earth connection, in rear lid wiring harness
119	Earth connection -1-, in headlight wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
*	From chassis number 20000 onwards no longer fitted, phased-in modification
**	Phased-in modification

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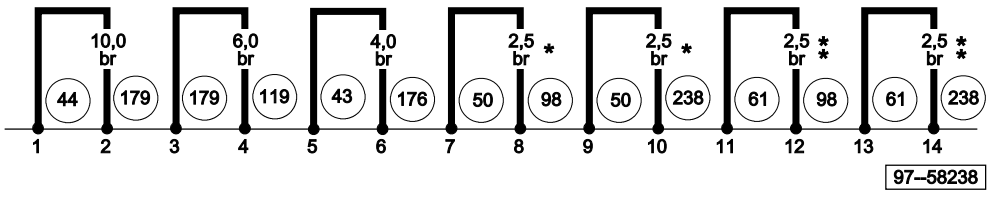

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Earth connections

T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
*	Only applies to models with engine code BAD
**	Only applies to models with engine code BBY
***	Only applies to models with engine code AMF

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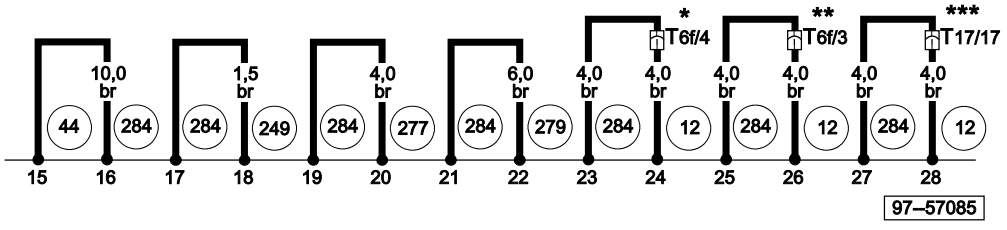

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Starter, alternator, ignition/starter switch, X contact relief relay

B	Starter
C	Alternator
D	Ignition/starter switch
J59	X contact relief relay
T17e	17-pin connector, blue, in footwell, front left
249	Earth connection -2-, in interior wiring harness
A21	Connection (86s), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness

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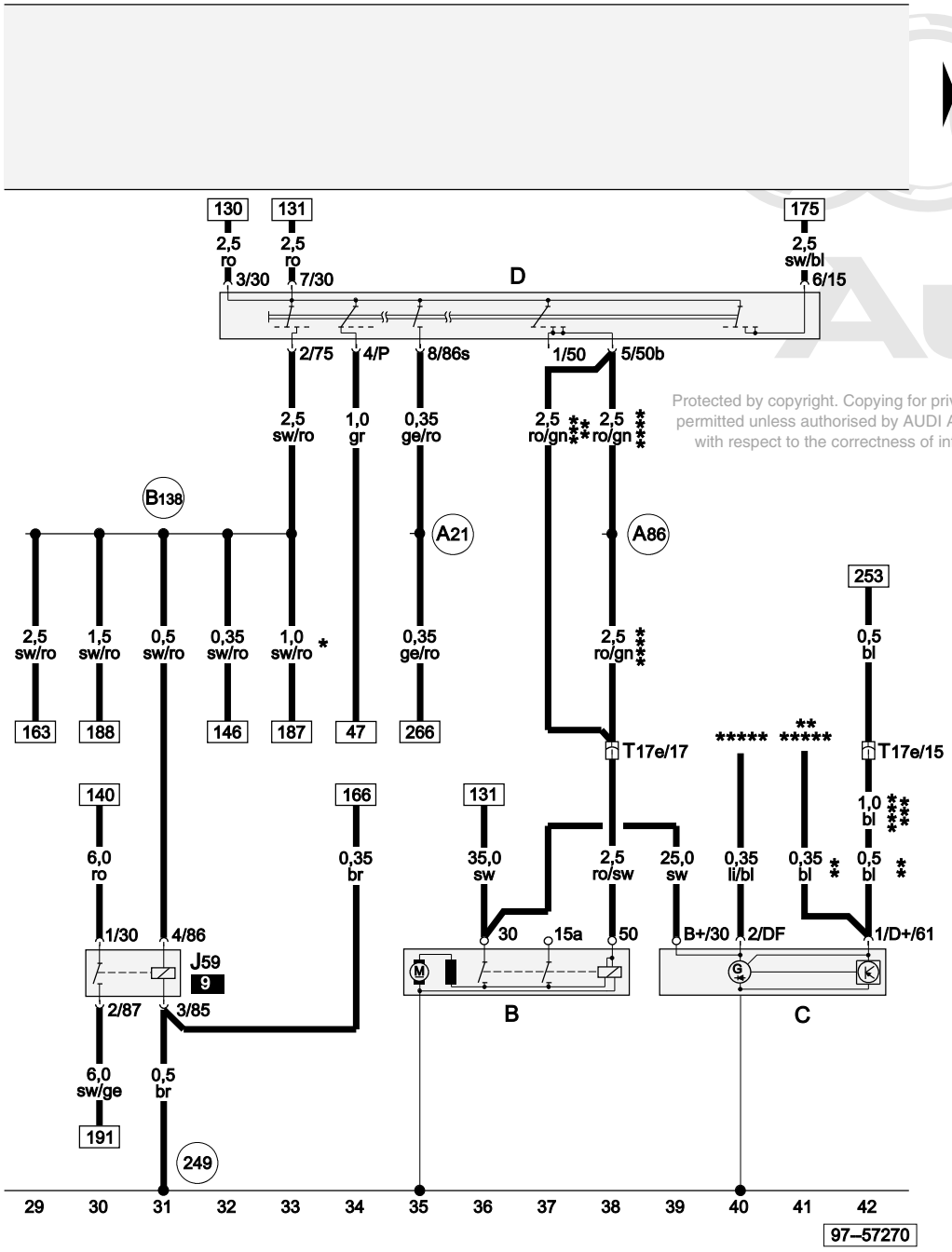
* Only applies to models with heater element for washer jet
** Only applies to models with engine code AMF
*** Only applies to models with engine code BAD
**** Only applies to models with engine code BBY
***** ⇒ Applicable engine Current Flow Diagram



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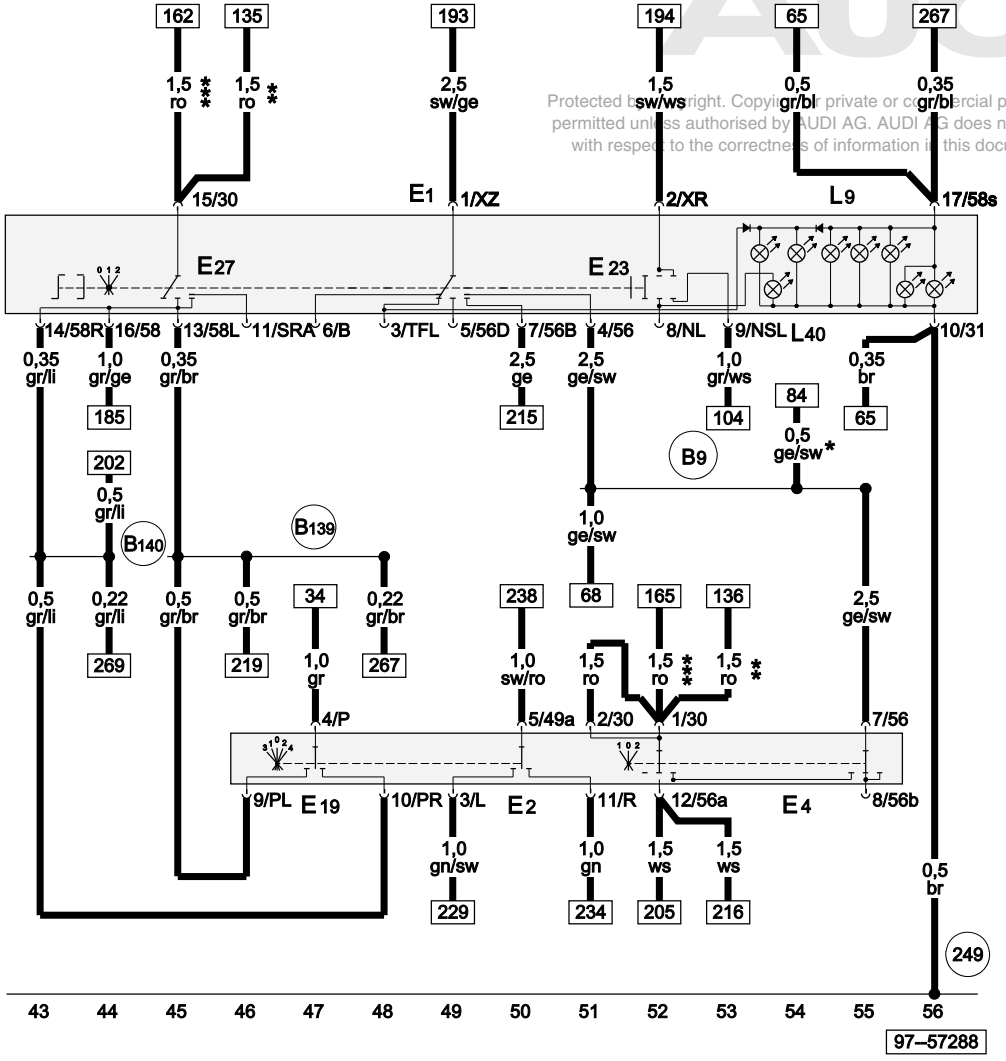
Lighting switch, turn signal switch, headlight dipper/flasher switch, parking light switch, front and rear fog light switch



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E1	Lighting switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E23	Front and rear fog light switch
E27	Side light switch
L9	Lighting switch light bulb
L40	Front and rear fog light switch illumination bulb
249	Earth connection -2-, in interior wiring harness
B9	Connection (56), in steering column switch wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
*	Only applies to models with headlight washer system
**	No longer fitted, phased-in modification
***	Phased-in modification

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or	=	orange
rs	=	pink

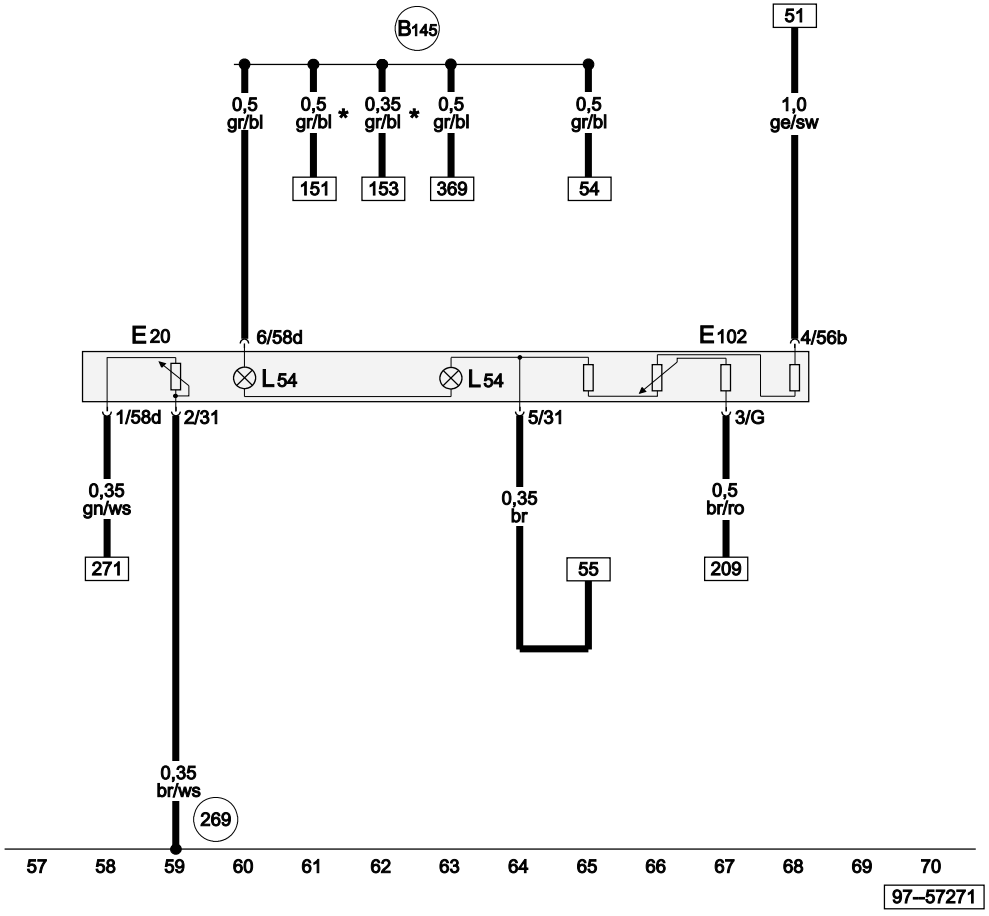
Switches and instruments light regulator, headlight range control adjuster

E20 Switches and instruments light regulator
E102 Headlight range control adjuster
L54 Headlight range control adjuster light bulb

269 Earth connection (sender earth) -1-, in dash panel wiring harness

B145 Positive (+) connection (58b), in interior wiring harness

* Only applies to models with equipment for smokers



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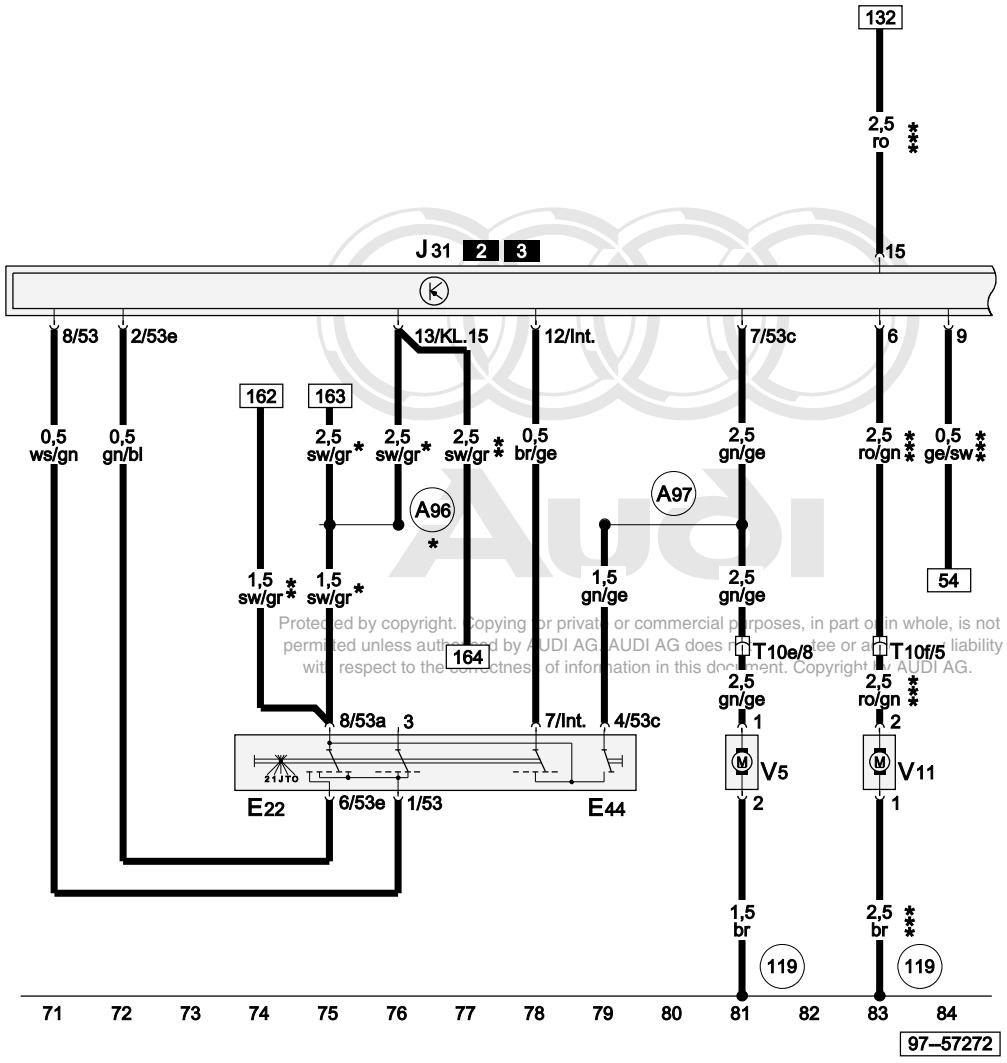

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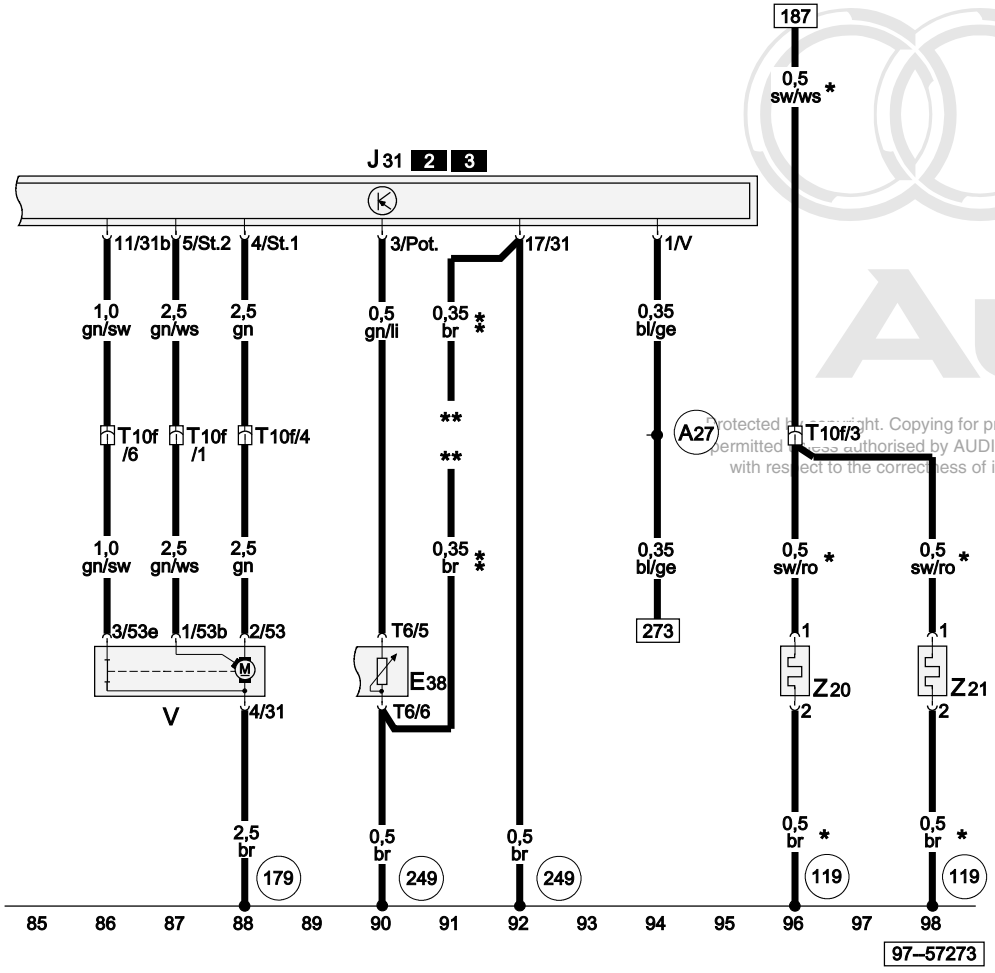
Intermittent wiper switch, windscreen washer pump switch, automatic intermittent wash/wipe relay

E22	Intermittent wiper switch
E44	Windscreen washer pump switch (automatic wash/wipe and headlight washer system)
J31	Automatic intermittent wash/wipe relay
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
V5	Windscreen washer pump
V11	Headlight washer system pump
119	Earth connection -1-, in headlight wiring harness
A96	Connection (53a), in dash panel wiring harness
A97	Connection (53), in dash panel wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	Only applies to models with headlight washer system

Intermittent wiper control, automatic intermittent wash/wipe relay, heater element for washer jet

E38	Intermittent wiper control
J31	Automatic intermittent wash/wipe relay
T6	6-pin connector, brown, behind steering column switch trim
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
*	Only applies to models with heater element for washer jet
**	See applicable Current Flow Diagram: ABS



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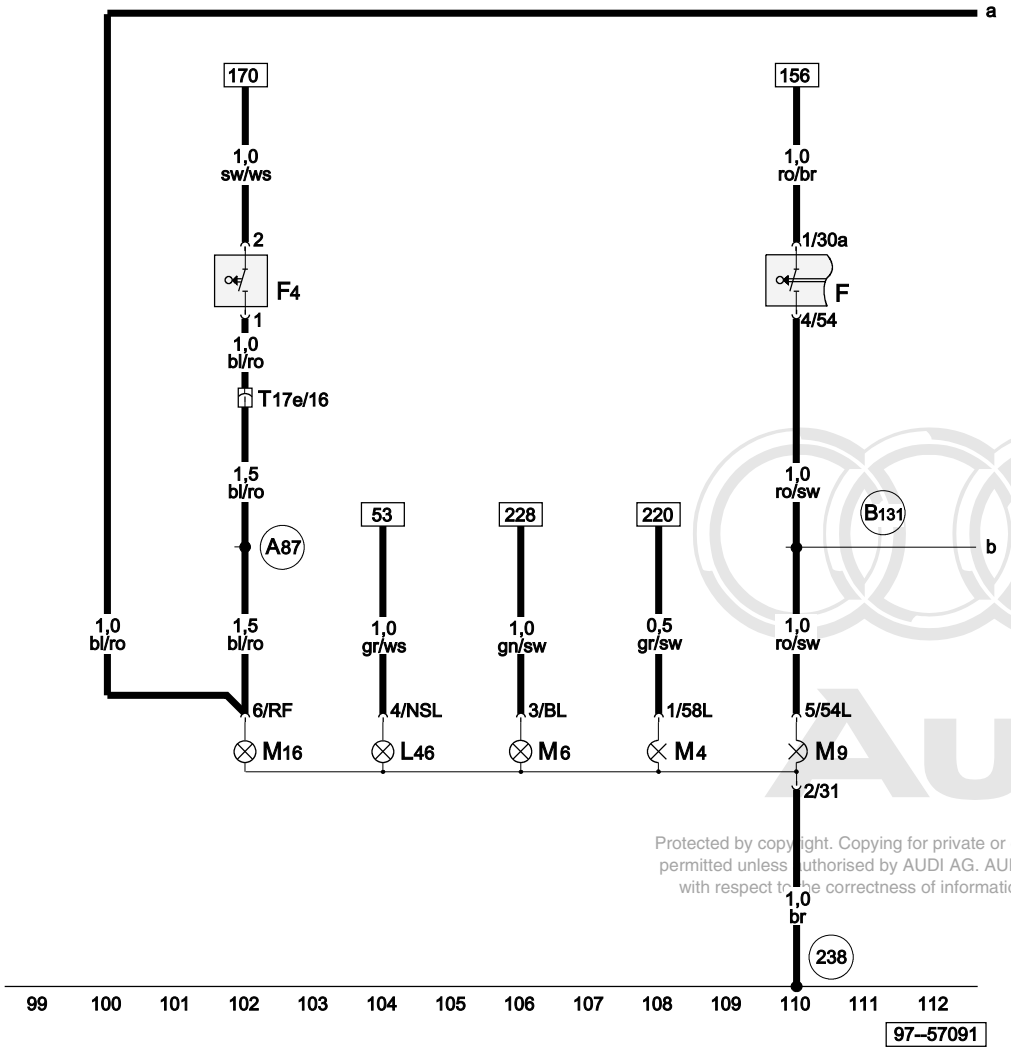
Rear left fog light bulb, left tail light bulb, rear left turn signal bulb, left brake light bulb

F	Brake light switch
F4	Reversing light switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T17e	17-pin connector, blue, in footwell, front left
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B131	Connection (54), in interior wiring harness



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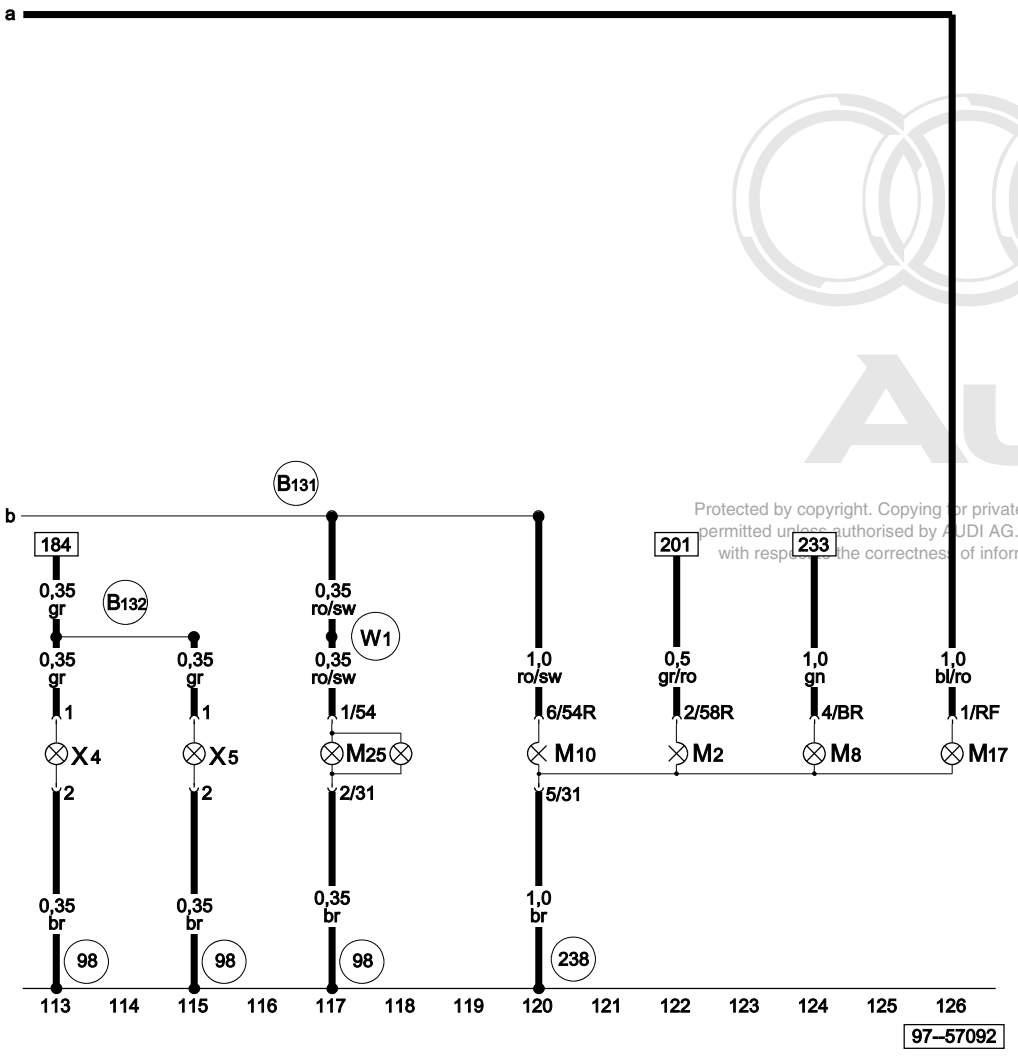
Right tail light bulb, rear right turn signal bulb, right reversing light bulb, high level brake light bulb, number plate lights

M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
M25	High level brake light bulb
X4	Number plate light, left
X5	Number plate light, right
98	Earth connection, in tailgate wiring harness
238	Earth connection -1-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B132	Connection (number plate light), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness



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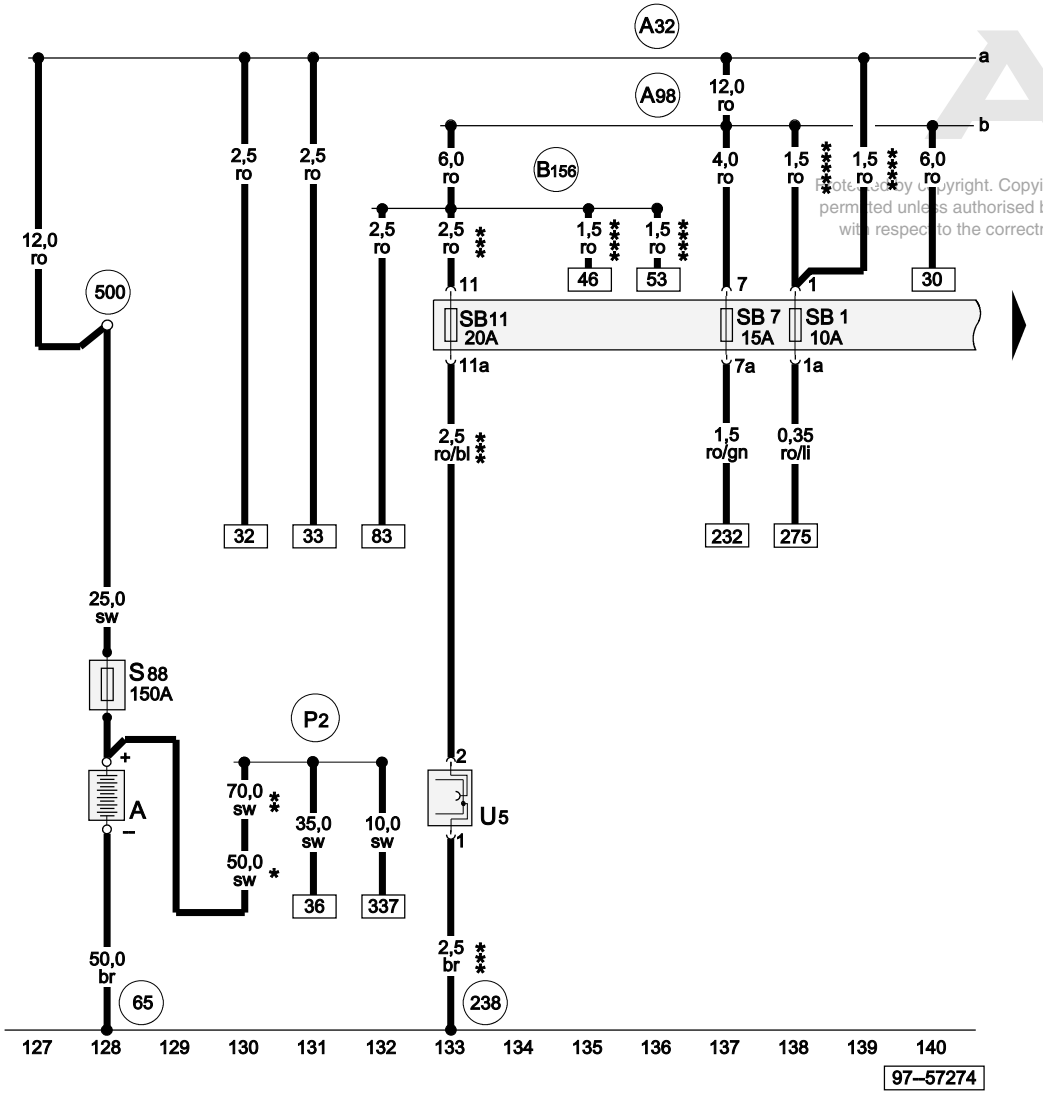
Battery, fuses on fuse box, 12 V socket



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or	=	orange
rs	=	pink

A	Battery
S88	Strip fuse
SB1	Fuse -1- on fuse box
SB7	Fuse -7- on fuse box
SB11	Fuse -11- on fuse box
U5	12 V socket
65	Earth point, left longitudinal member, rear, between B and C pillar
238	Earth connection -1-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with engine codes BAD and BBY
**	Only applies to models with engine code AMF
***	Only applies to models with 12 V socket
****	No longer fitted, phased-in modification
*****	Phased-in modification

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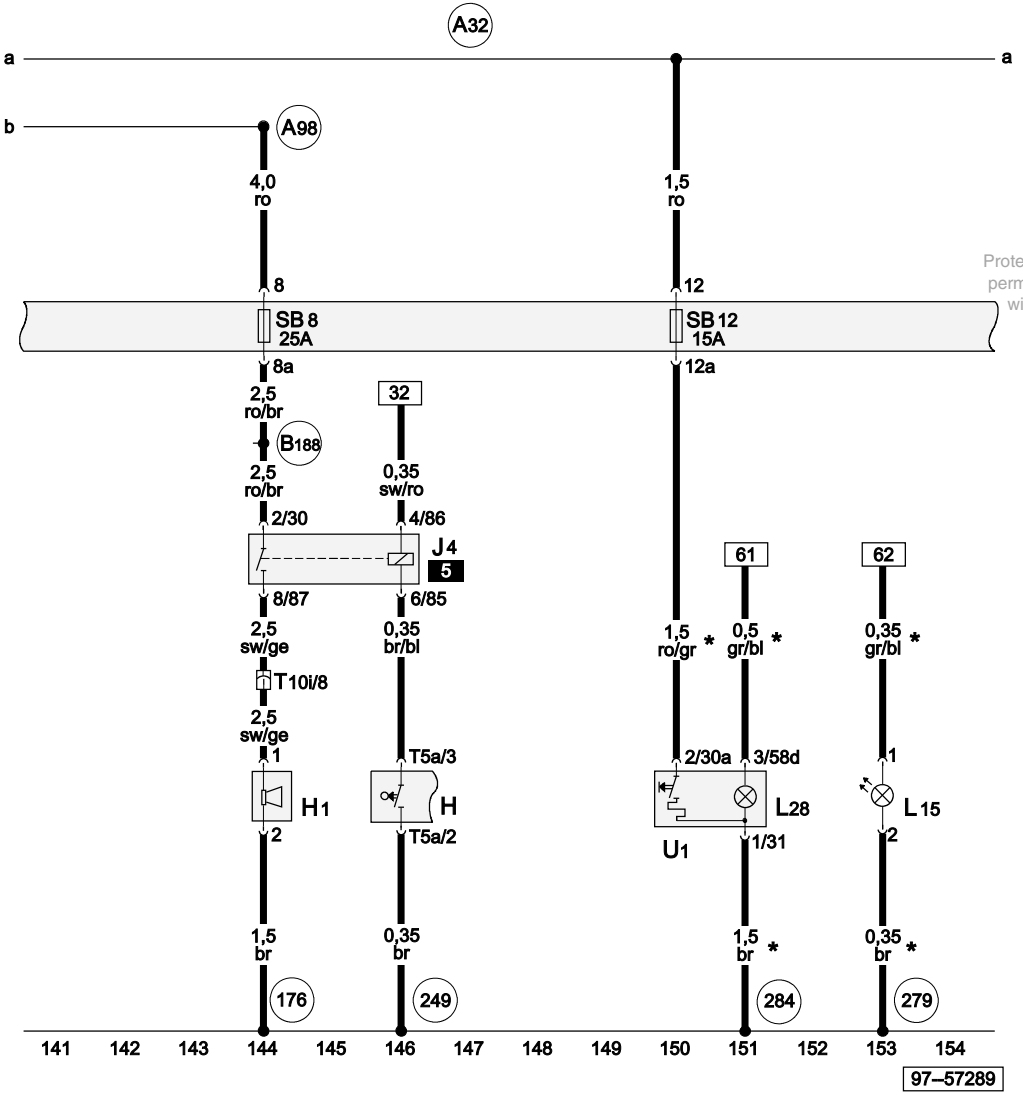
Horn plate, horn/dual tone horn, dual tone horn relay, ashtray light bulb, cigarette lighter



H	Horn plate
H1	Horn/dual tone horn
J4	Dual tone horn relay
L15	Ashtray light bulb
L28	Cigarette lighter light bulb
SB8	Fuse -8- on fuse box
SB12	Fuse -12- on fuse box
T5a	5-pin connector, yellow, behind steering column switch trim
T10i	10-pin connector, black, connector point, A pillar, right
U1	Cigarette lighter
176	Earth connection, in right headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B188	Positive (+) connection -5- (30), in interior wiring harness
*	Only applies to models with equipment for smokers

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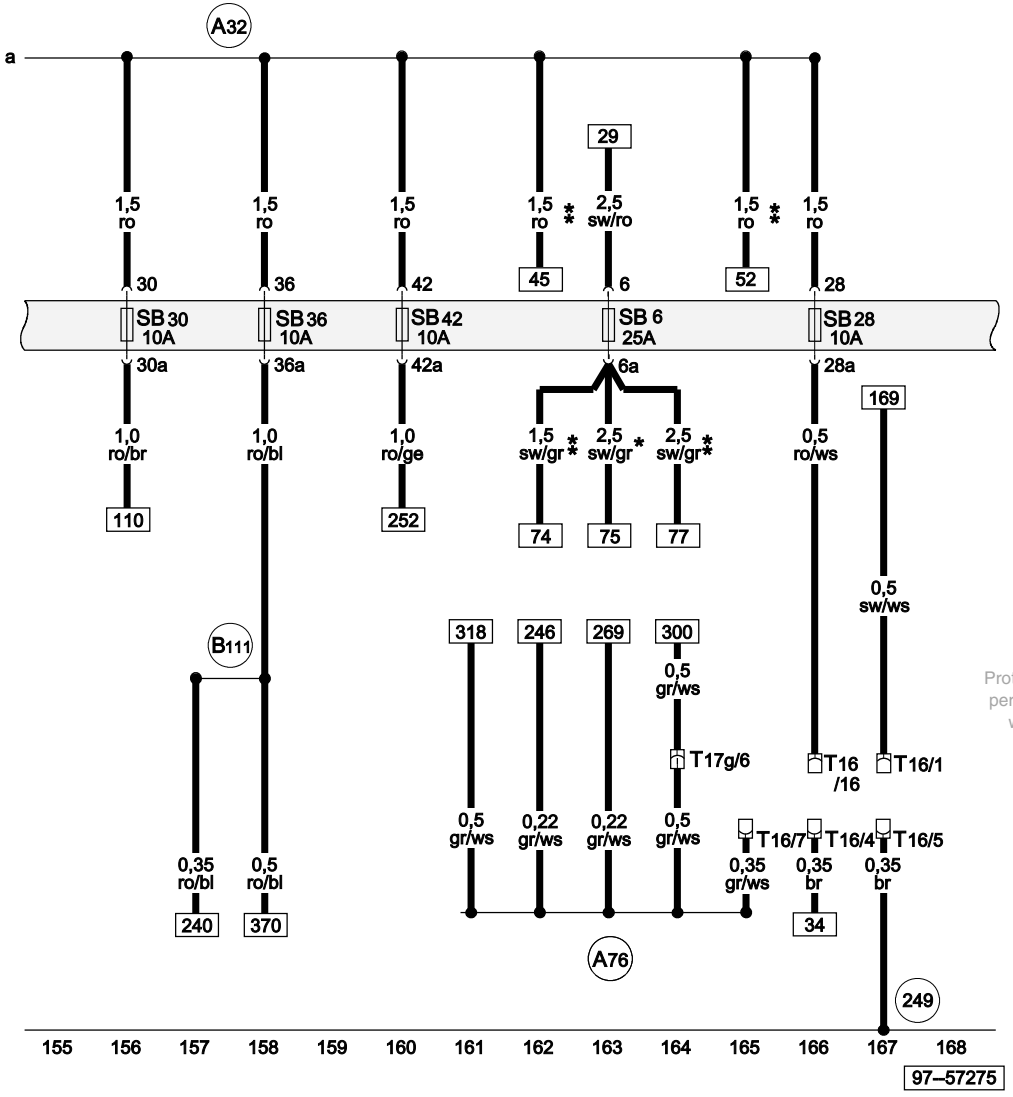

Fuses on fuse box, diagnostic connector

SB6	Fuse -6- on fuse box
SB28	Fuse -28- on fuse box
SB30	Fuse -30- on fuse box
SB36	Fuse -36- on fuse box
SB42	Fuse -42- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
249	Earth connection -2-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification

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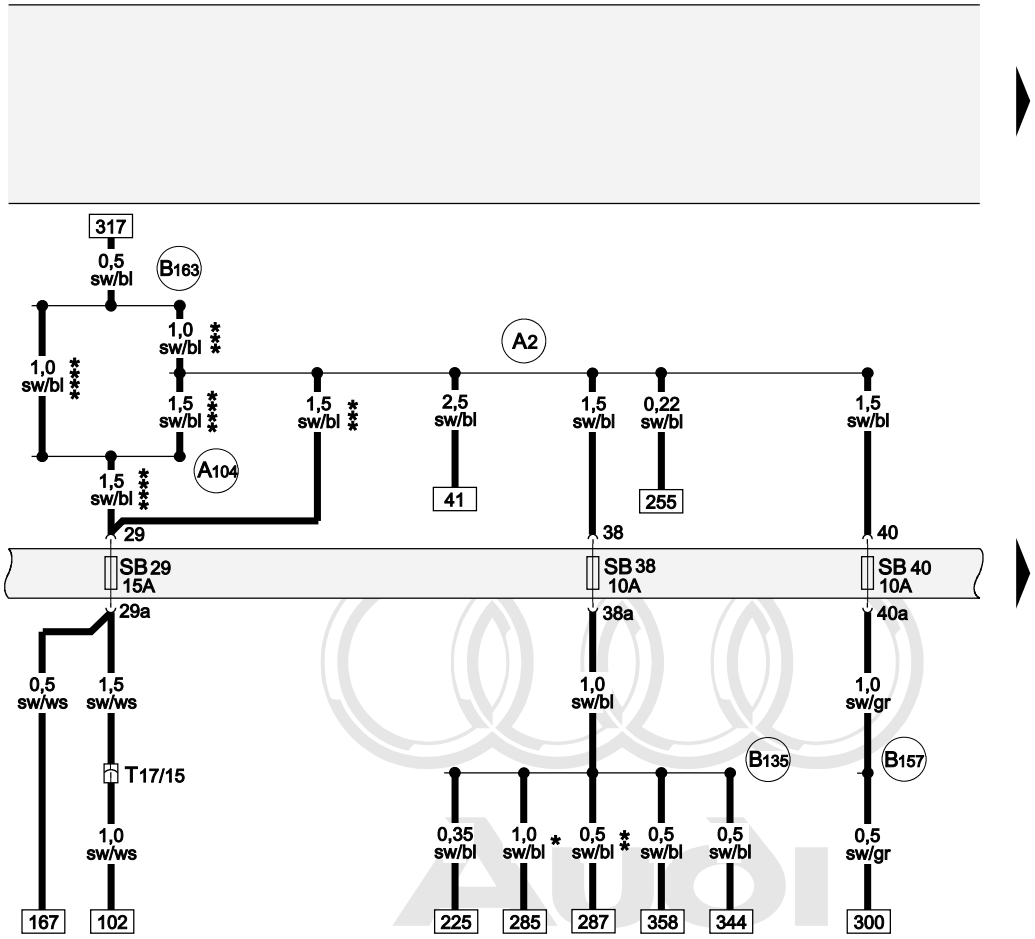

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169 170 171 172 173 174 175 176 177 178 179 180 181 182

97–57276

Fuses on fuse box

SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
SB40	Fuse -40- on fuse box
T17	17-pin connector, brown, in footwell, front left
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B157	Positive (+) connection -3- (15a), in interior wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Only applies to models with engine codes AMF and BAD
**	Only applies to models with engine code BBY
***	No longer fitted, phased-in modification
****	Phased-in modification

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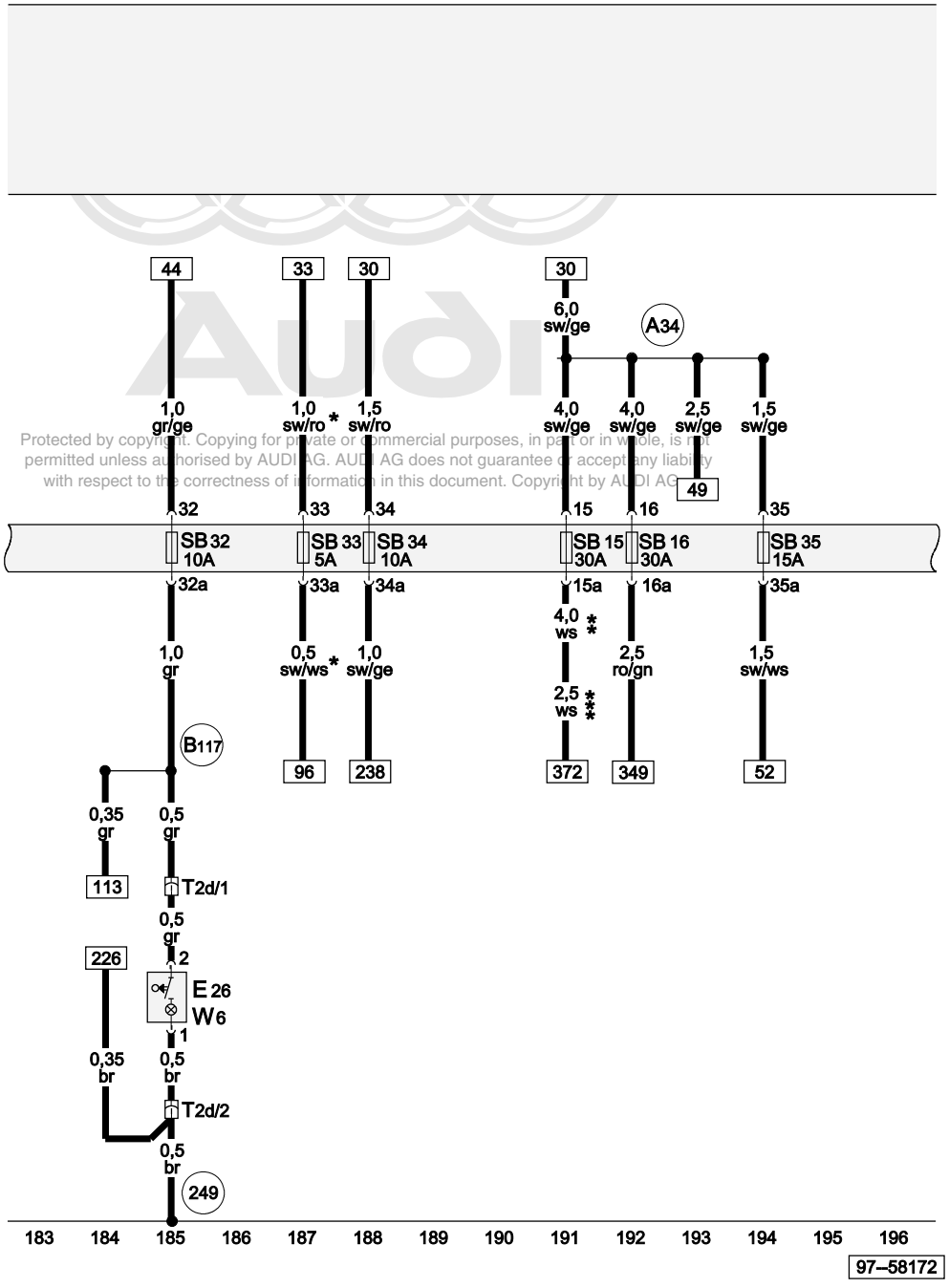

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Fuses on fuse box, glove box light

E26	Glove box light switch
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB32	Fuse -32- on fuse box
SB33	Fuse -33- on fuse box
SB34	Fuse -34- on fuse box
SB35	Fuse -35- on fuse box
T2d	2-pin connector, black, near glove box
W6	Glove box light
249	Earth connection -2-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness
B117	Connection (58a, right), in interior wiring harness
*	Only applies to models with heater element for washer jet
**	As of model year 2003 no longer fitted (phased-in modification)
***	Phased-in modification

ws	=	white
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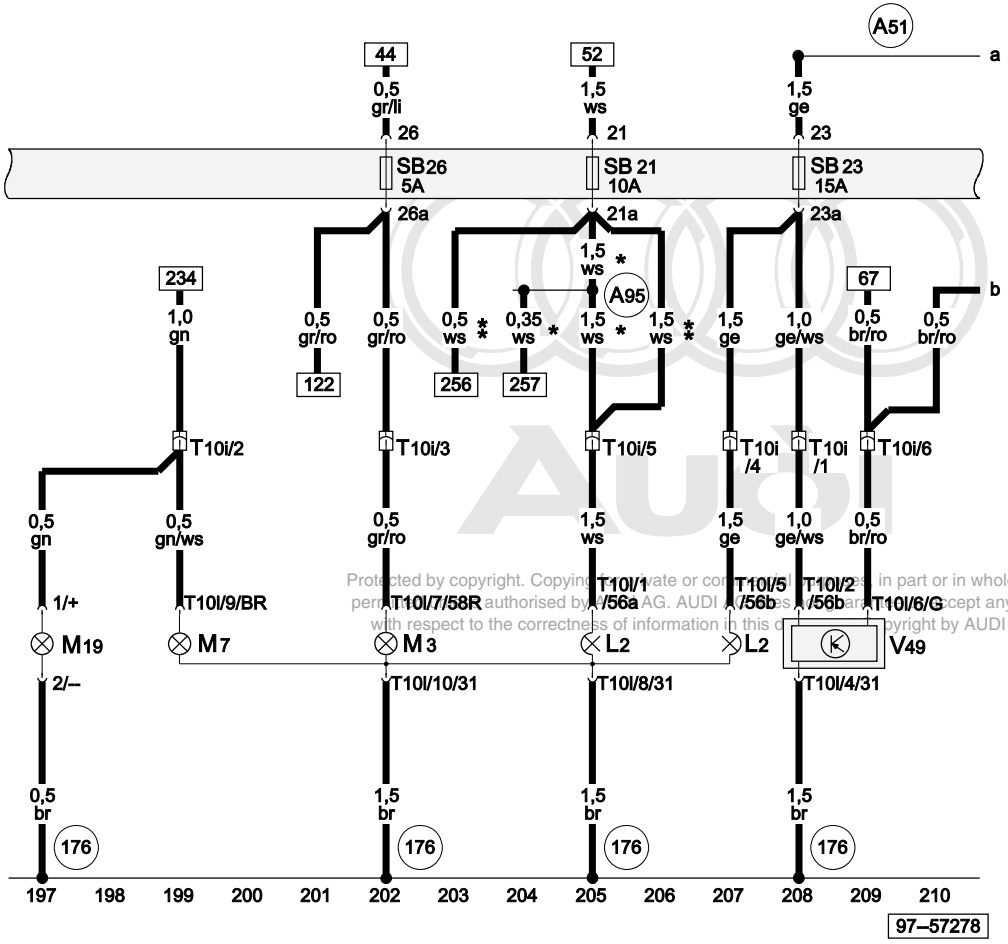

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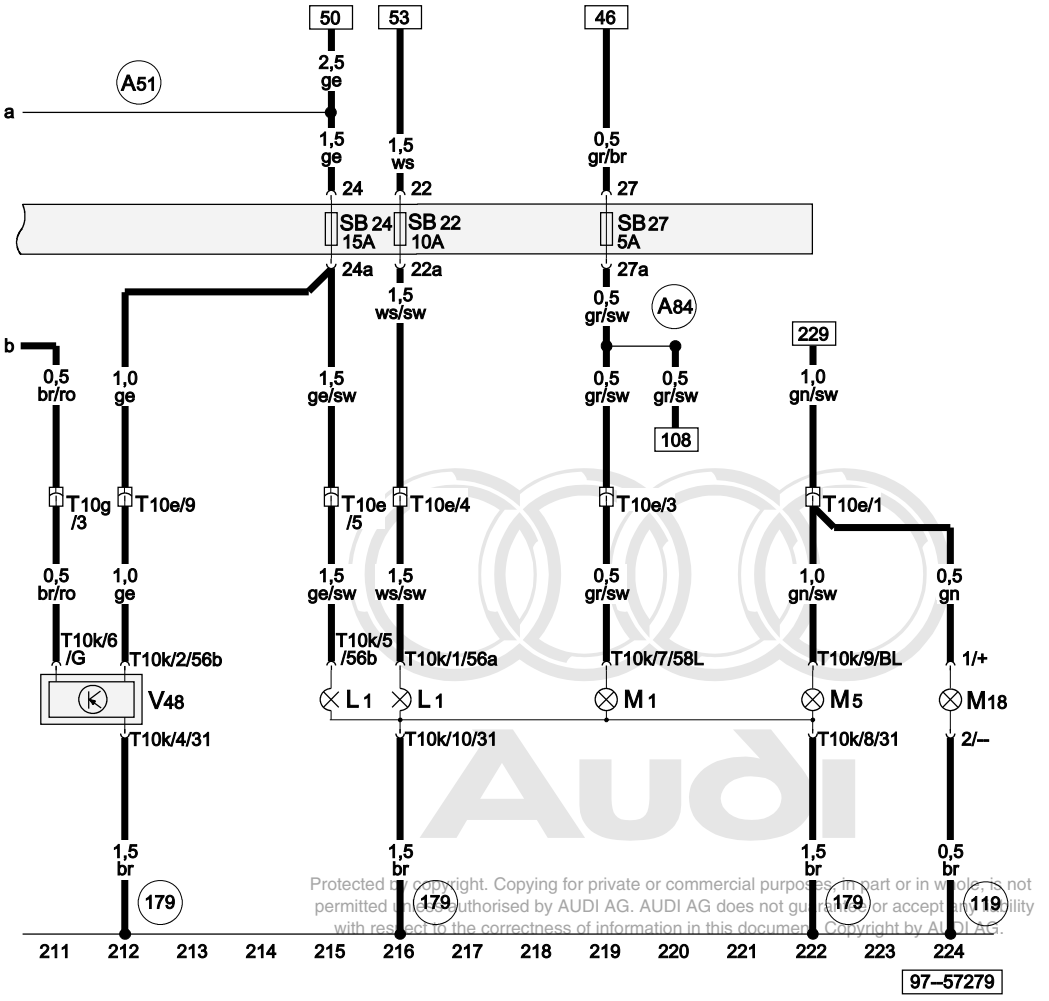
Twin filament bulb for right headlight, right side light bulb, front right turn signal bulb, right headlight range control motor

L2	Twin filament bulb for headlight, right
M3	Side light bulb, right
M7	Turn signal bulb, front right
M19	Side turn signal bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
(176)	Earth connection, in right headlight wiring harness
(A51)	Connection (56), in dash panel wiring harness
(A95)	Connection -1- (56a), in dash panel wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification



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Twin filament bulb for left headlight, left side light bulb, front left turn signal bulb, left headlight range control motor

L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M5	Turn signal bulb, front left
M18	Side turn signal bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
V48	Headlight range control motor, left
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
A51	Connection (56), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness

Hazard warning light switch, hazard warning light relay

E3 Hazard warning light switch
J2 Hazard warning light relay

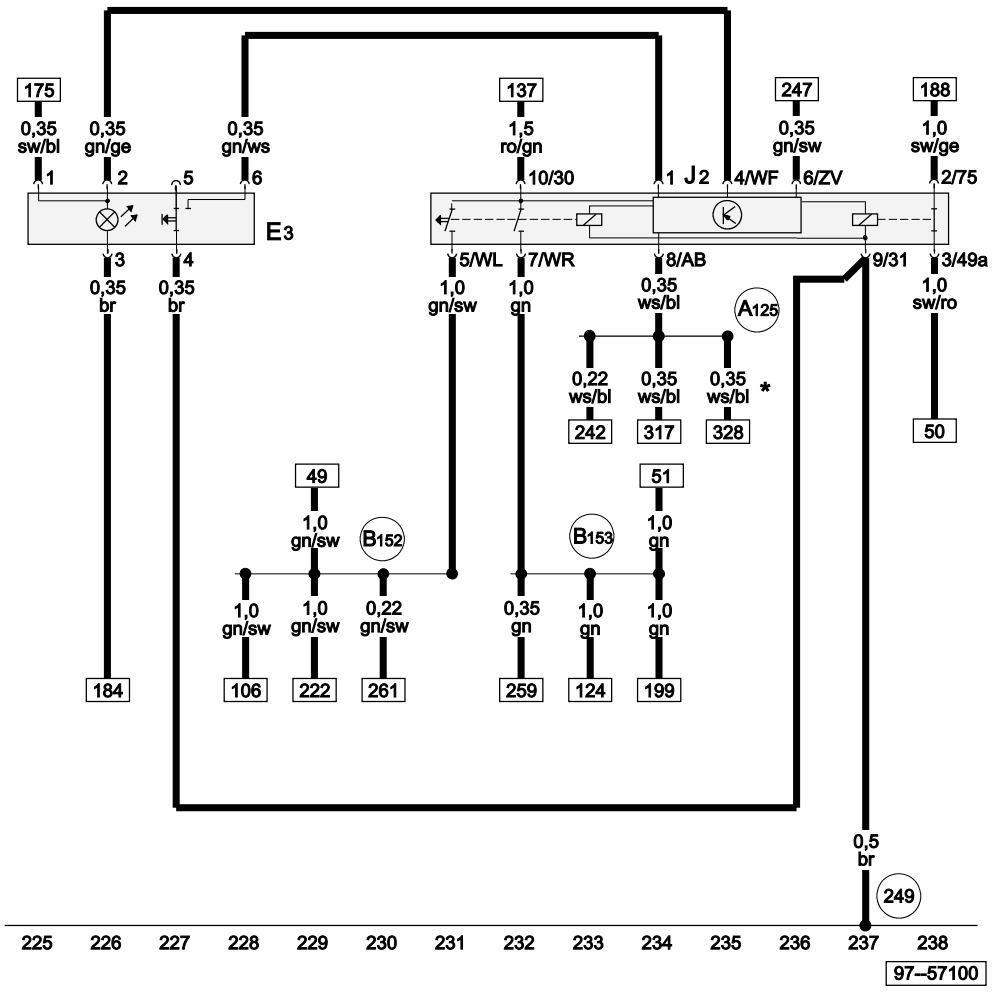
249 Earth connection -2-, in interior wiring harness

A125 Connection (crash signal), in dash panel wiring harness

B152 Connection (BL (turn signal, left)), in interior wiring harness

B153 Connection (BR (turn signal, right)), in interior wiring harness

* Only applies to models with engine code BAD



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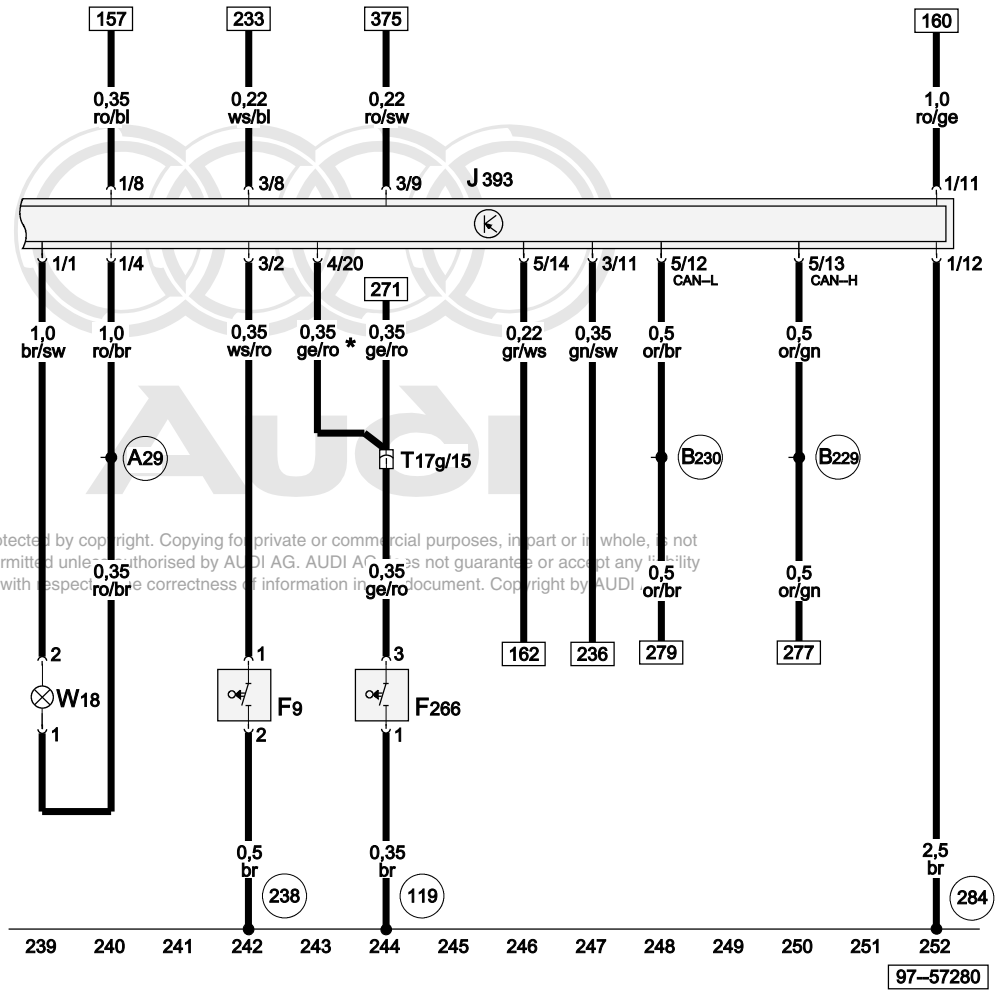
Handbrake warning switch, bonnet contact switch, convenience system central control unit, luggage compartment light, left

F9	Handbrake warning switch
F266	Bonnet contact switch
J393	Convenience system central control unit
W18	Luggage compartment light, left
T17g	17-pin connector, red, connector point, A pillar, left
119	Earth connection -1-, in headlight wiring harness
238	Earth connection -1-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A29	Connection (interior light), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with anti-theft alarm system



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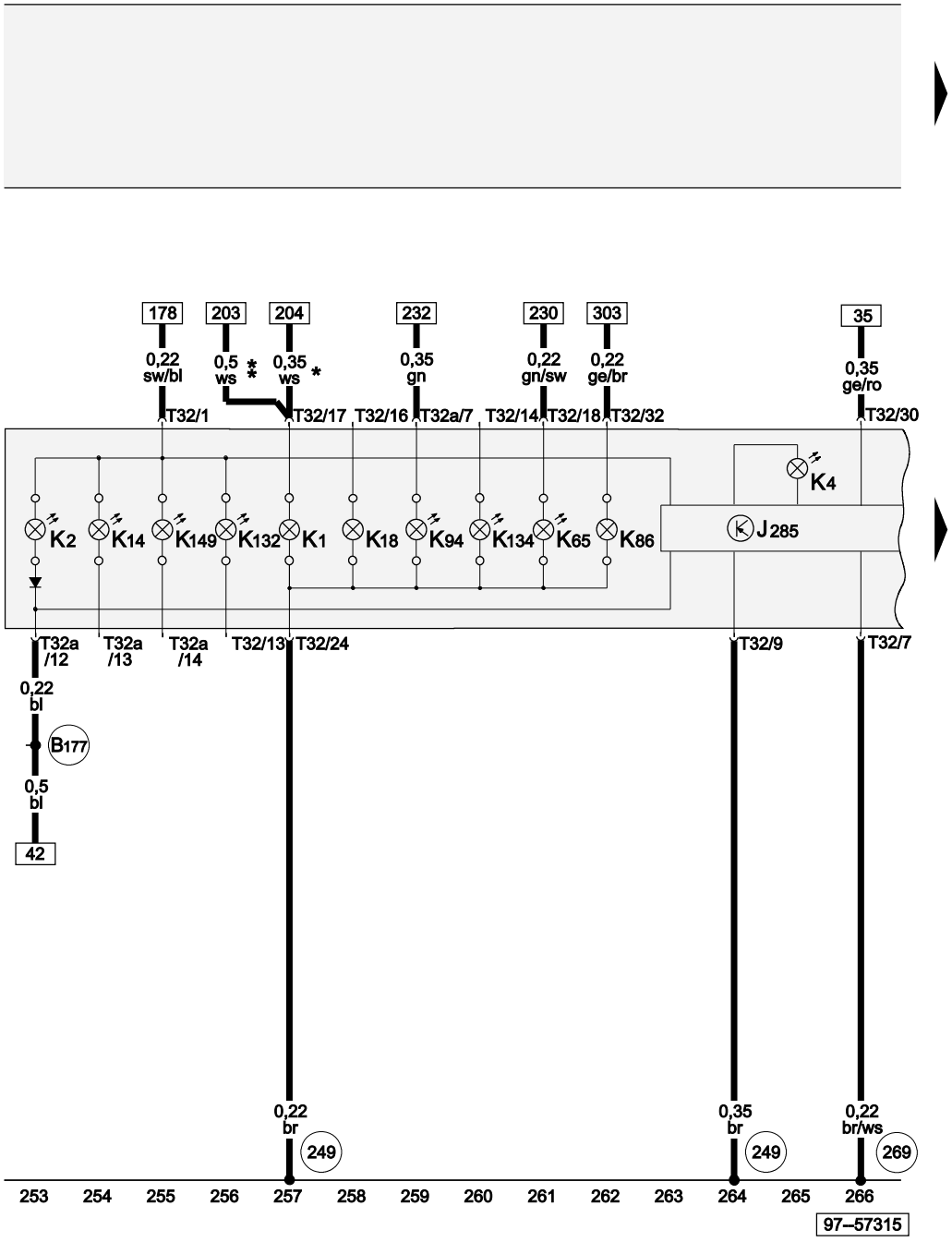

Control unit with display in dash panel insert, warning lamps

J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light 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
K132	Electronic power control fault lamp
K134	Self-levelling suspension warning lamp
K149	Engine electronics warning lamp
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
249	Earth connection -2-, in interior wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification

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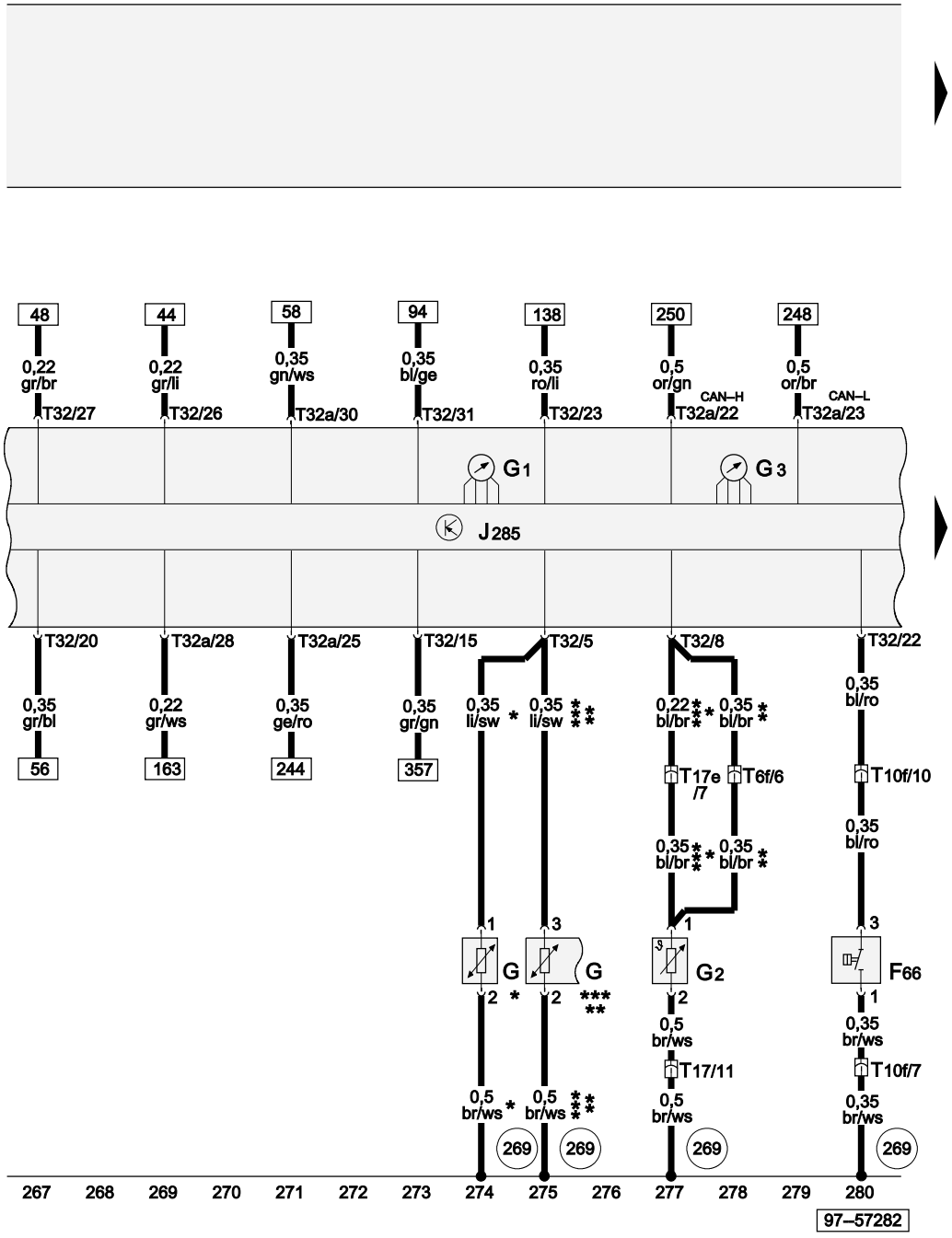

Control unit with display in dash panel insert, fuel gauge sender, coolant temperature sender

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature sender
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
T6f	6-pin connector, green, in footwell, front left
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	Only applies to models with engine code AMF
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD

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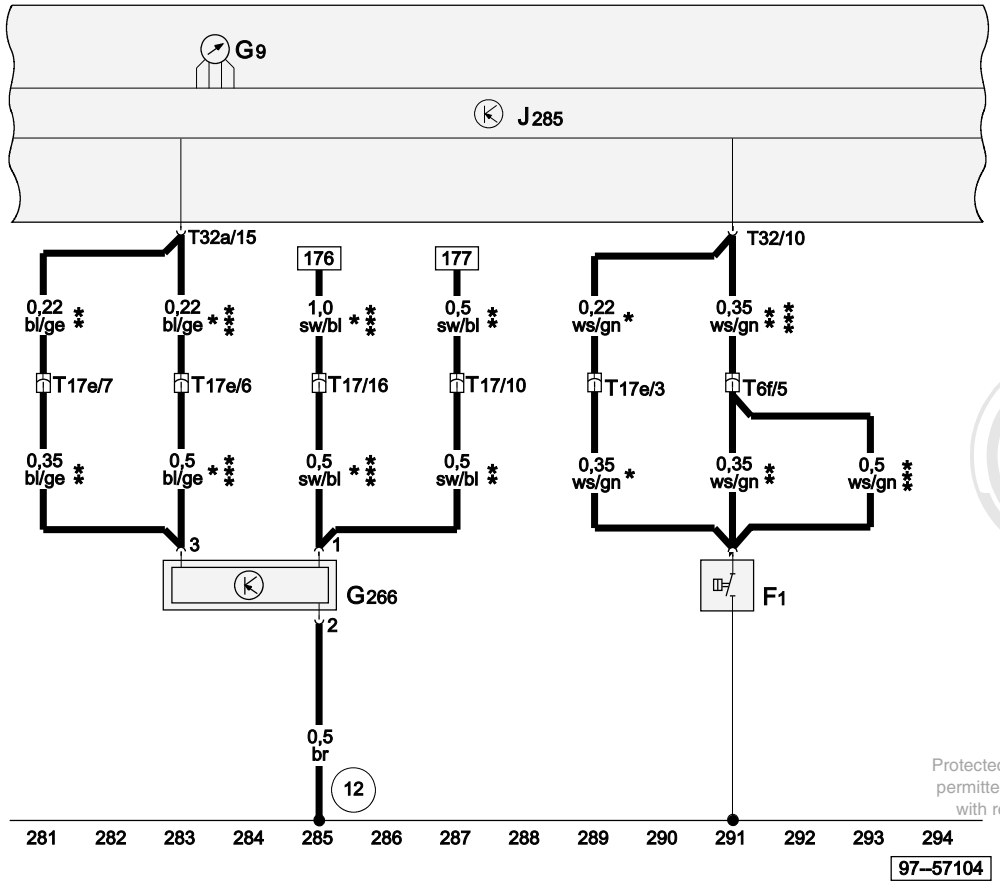
Control unit with display in dash panel insert, oil pressure switch, oil temperature gauge, oil level/oil temperature sender

F1	Oil pressure switch
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
*	Only applies to models with engine code AMF
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD



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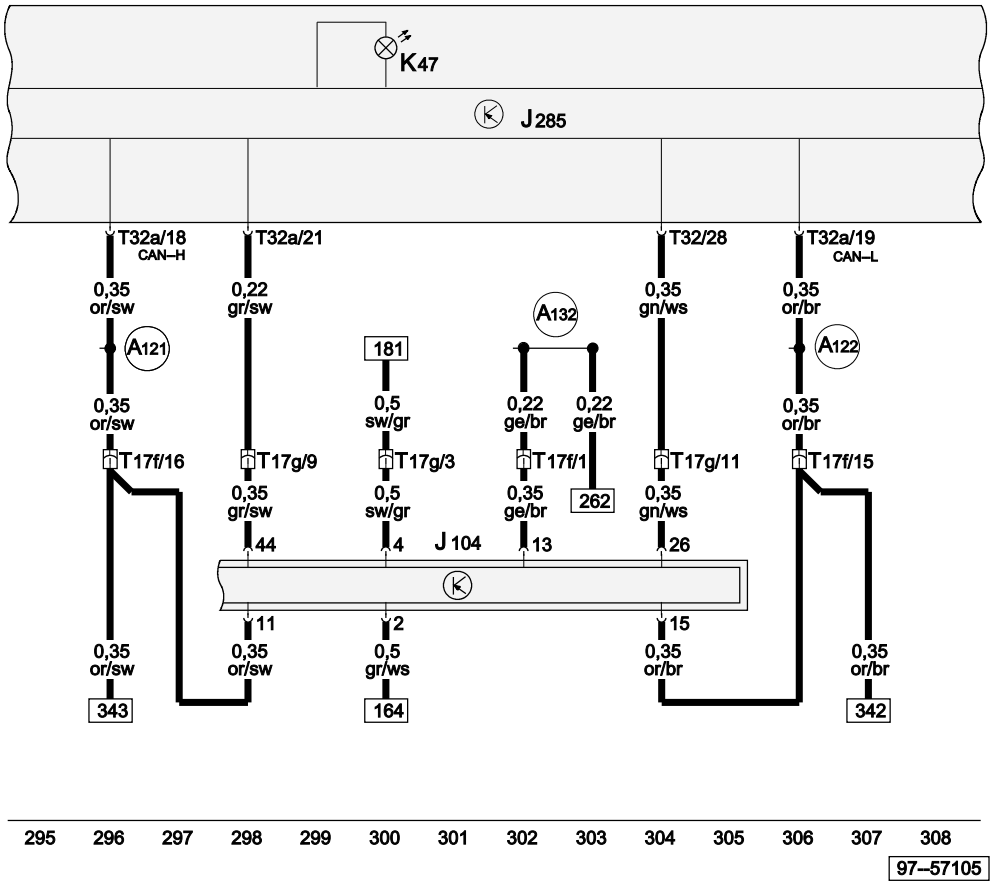

Control unit with display in dash panel insert, ABS with EDL control unit, ABS warning lamp

J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K47	ABS warning lamp
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
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
A132	Connection (TCS/ESP), in dash panel wiring harness

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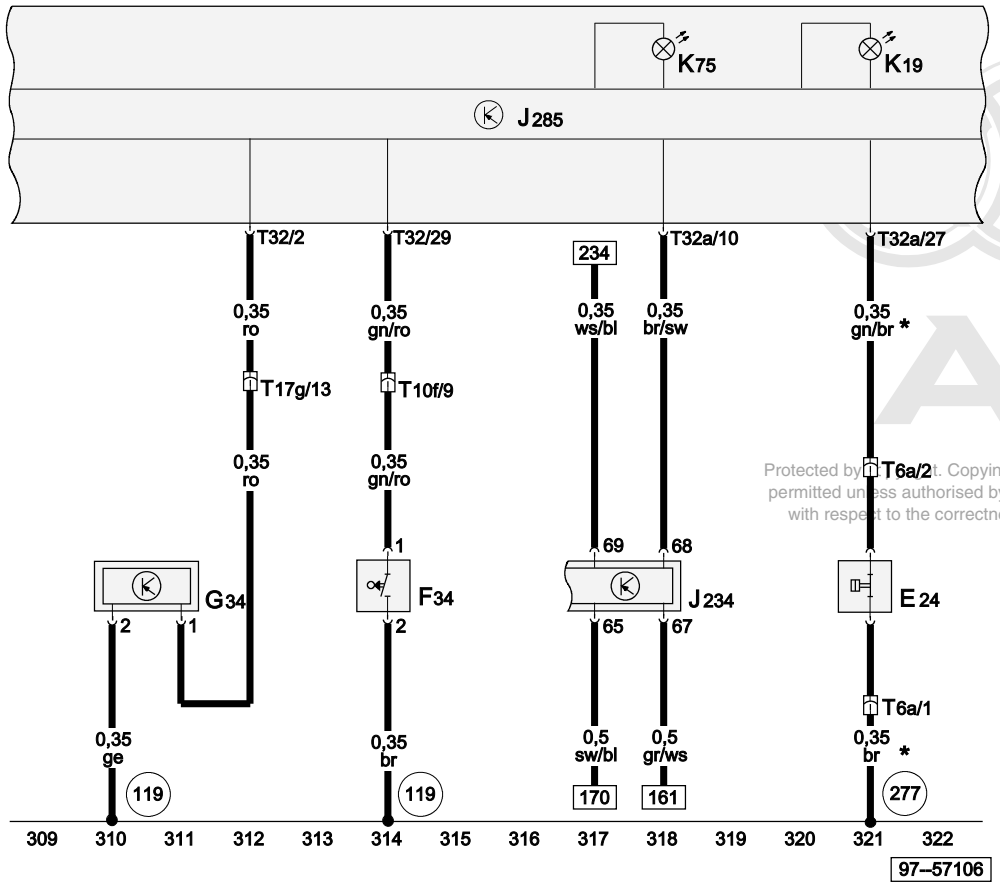
Belt switch - driver's side, brake fluid level warning contact, brake lining/pad wear sender, front left

E24	Belt switch, driver's side
F34	Brake fluid level warning contact
G34	Brake lining/pad wear sender, front left
J234	Airbag control unit
J285	Control unit with display in dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T6a	6-pin connector, red, under driver's seat
T10f	10-pin connector, blue, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
119	Earth connection -1-, in headlight wiring harness
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with seat belt warning system



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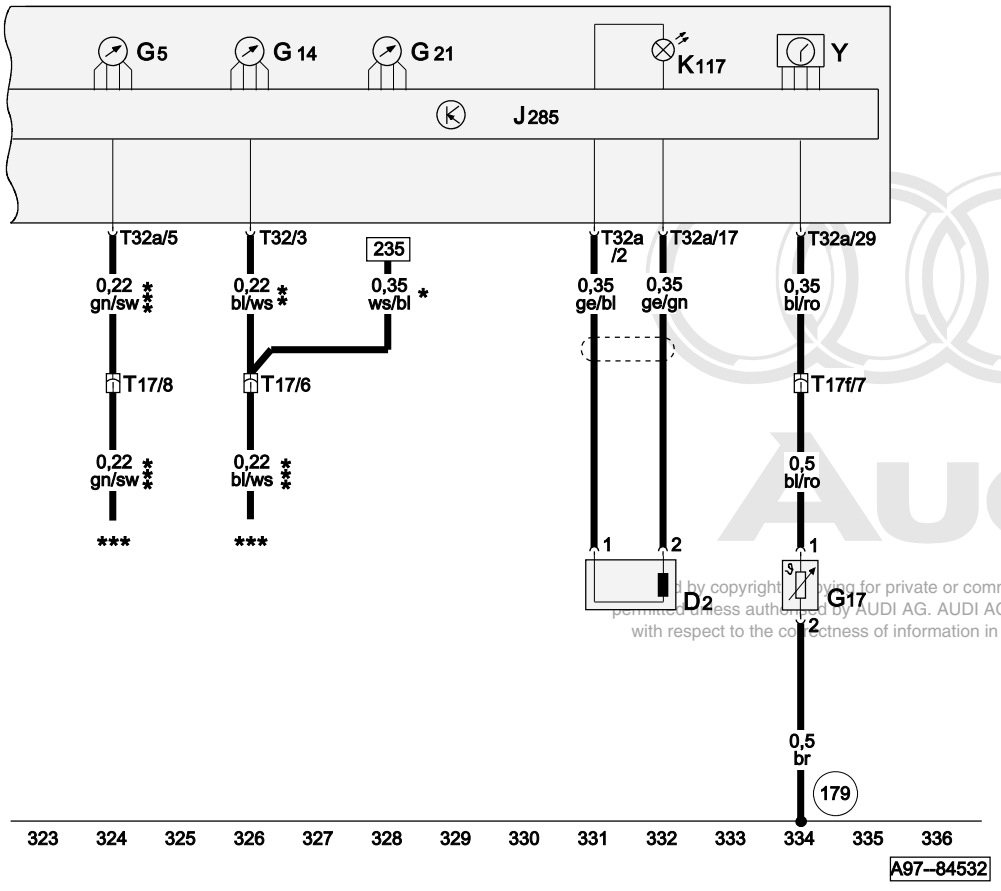
Control unit with display in dash panel insert, immobilizer reading coil, ambient temperature sensor

D2	Immobilizer reading coil
G5	Rev. counter
G14	Voltmeter
G17	Ambient temperature sensor
G21	Speedometer
J285	Control unit with display in dash panel insert
K117	Immobilizer warning lamp
T17	17-pin connector, brown, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Y	Analogue clock
179	Earth connection, in left headlight wiring harness
*	Only applies to models with engine code BAD
**	Only applies to models with engine codes AMF and BBY
***	⇒ Applicable engine Current Flow Diagram



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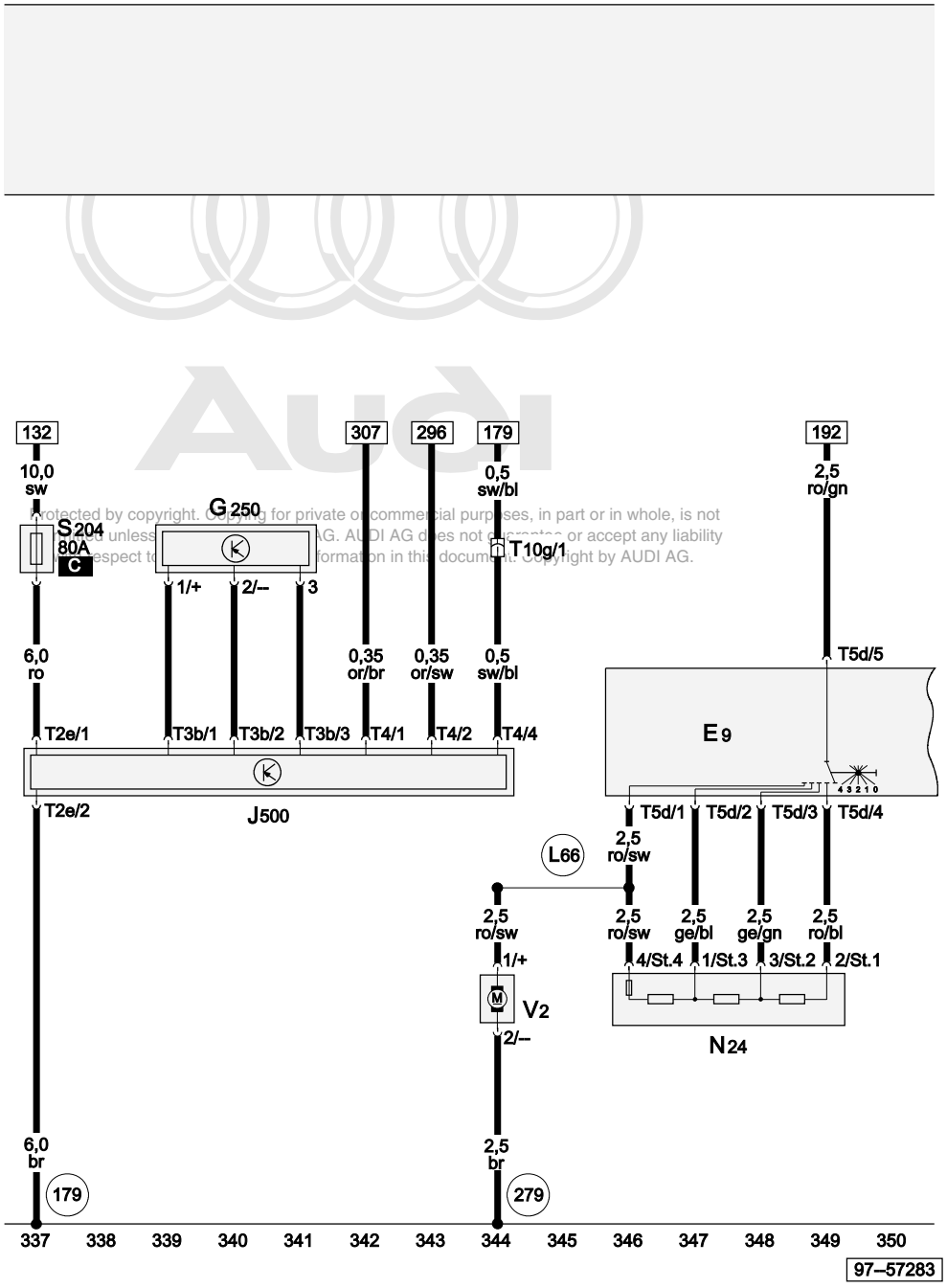

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Fresh air blower switch, power steering sensor, power steering control unit, fresh air blower with overheating fuse series resistor

E9	Fresh air blower switch
G250	Power steering sensor
J500	Power steering control unit
N24	Fresh air blower with overheating fuse series resistor
S204	Fuse -1- (30)
T2e	2-pin connector, black, on power steering control unit
T3b	3-pin connector, on power steering control unit
T4	4-pin connector, black, on power steering control unit
T5d	5-pin connector, black, on heater controls
T10g	10-pin connector, grey, connector point, A pillar, left
V2	Fresh air blower
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
L66	Connection, in heater blower wiring harness

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Heater/heat output switch, fresh air/air recirculating flap switch, additional heating button (ECON)

E16	Heater/heat output switch
E159	Fresh air/air recirculating flap switch
E288	Additional heating button (ECON)
L100	Fresh air/air recirculating flap switch illumination
L156	Switch illumination bulb
T16h	16-pin connector, black, on heater controls
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
V154	Fresh air/air recirculating flap control motor
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with engine code BAD
**	Only applies to models with engine code AMF
***	Will be no longer fitted as of the introduction of the additional air heater (1500 W), phased-in modification

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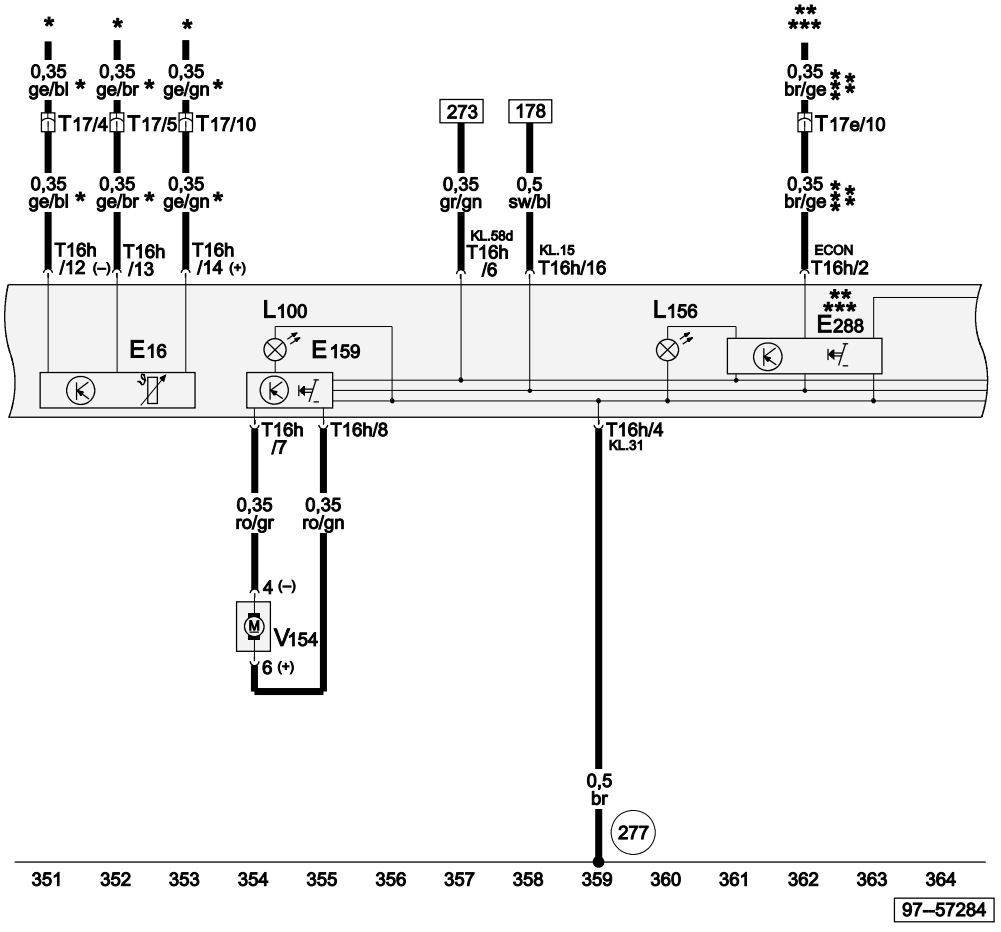

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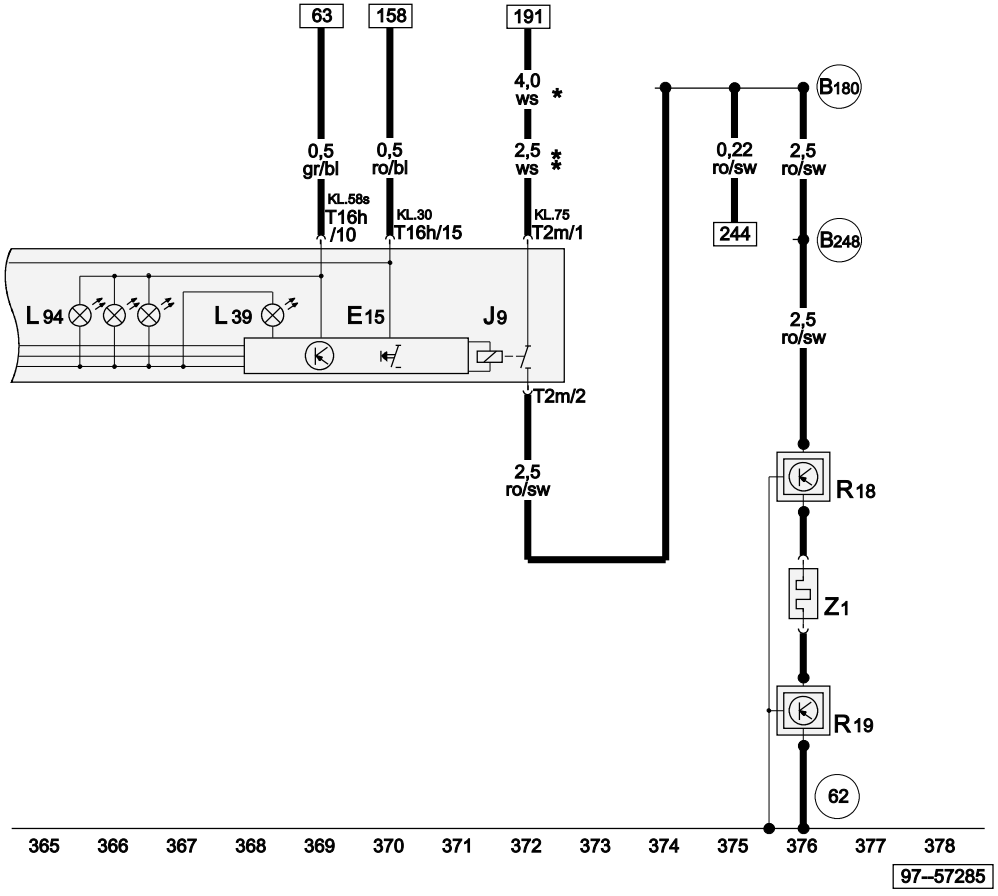
Heated rear window switch, heated rear window relay, heated rear window

E15	Heated rear window switch
J9	Heated rear window relay
L39	Heated rear window switch illumination bulb
L94	Heater switch illumination
R18	Frequency switch, left
R19	Frequency switch, right
T2m	2-pin connector, black, on heater controls
T16h	16-pin connector, black, on heater controls
Z1	Heated rear window
62	Earth point, right C pillar
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification



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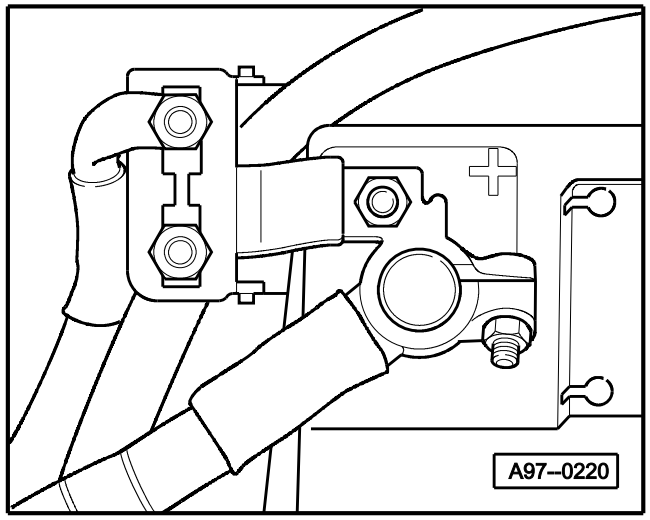
Basic equipment for 1.2 litre TDI, engine code ANY

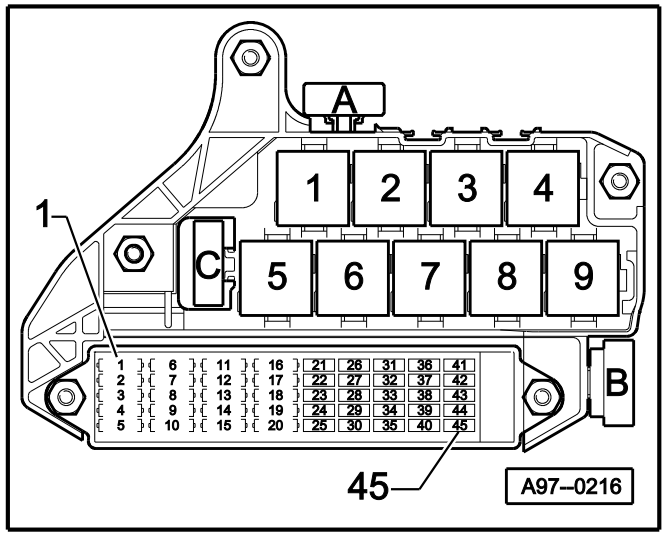
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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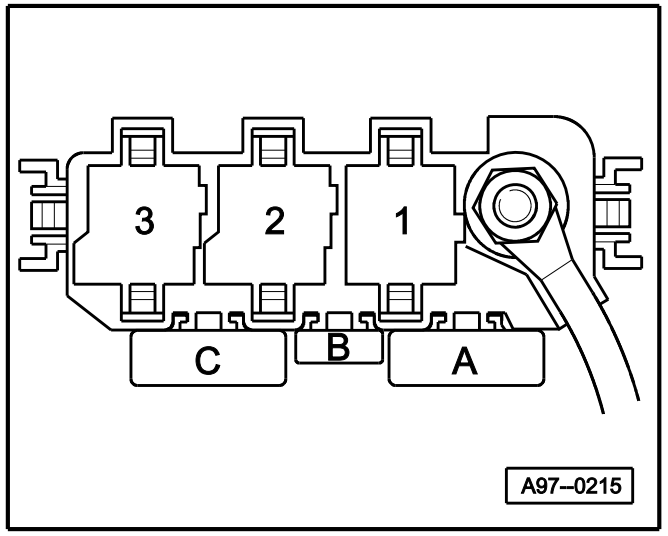
♦ In dash panel, driver's side

1 - Consumer switch-off relay (J511)
5 - Dual tone horn relay (J4)
9 - X contact relief relay (J59)

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

C - Fuse -1- (30) (power steering) (S204)

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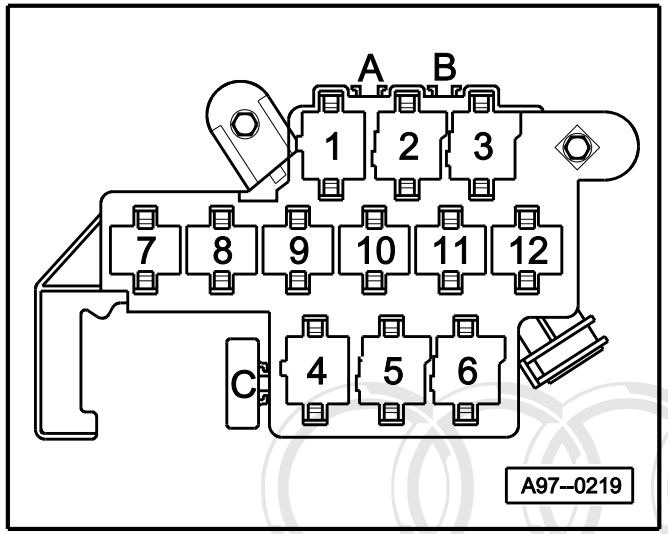
6+6-point relay carrier



- In footwell, front left

1 - Starter inhibitor and reversing light relay (J226)
2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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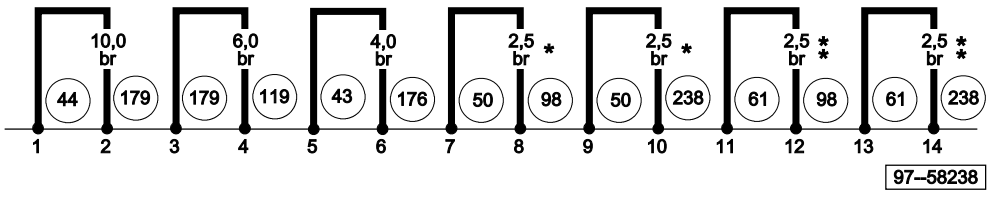
Earth connections

43	Earth point, lower part of right A pillar
44	Earth point, lower part of left A pillar
50	Earth point, luggage compartment, left
61	Earth point, left C pillar
98	Earth connection, in rear lid wiring harness
119	Earth connection -1-, in headlight wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
*	From chassis number 20000 onwards no longer fitted, phased-in modification
**	Phased-in modification



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Earth connections

T17 17-pin connector, brown, in footwell, front left

12 Earth point, in engine compartment, left

44 Earth point, lower part of left A pillar

249 Earth connection -2-, in interior wiring harness

277 Earth connection -3-, in interior wiring harness

279 Earth connection -5-, in interior wiring harness

284 Earth connection -6-, in interior wiring harness

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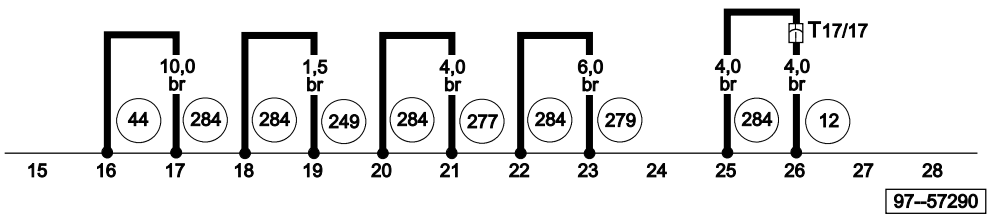

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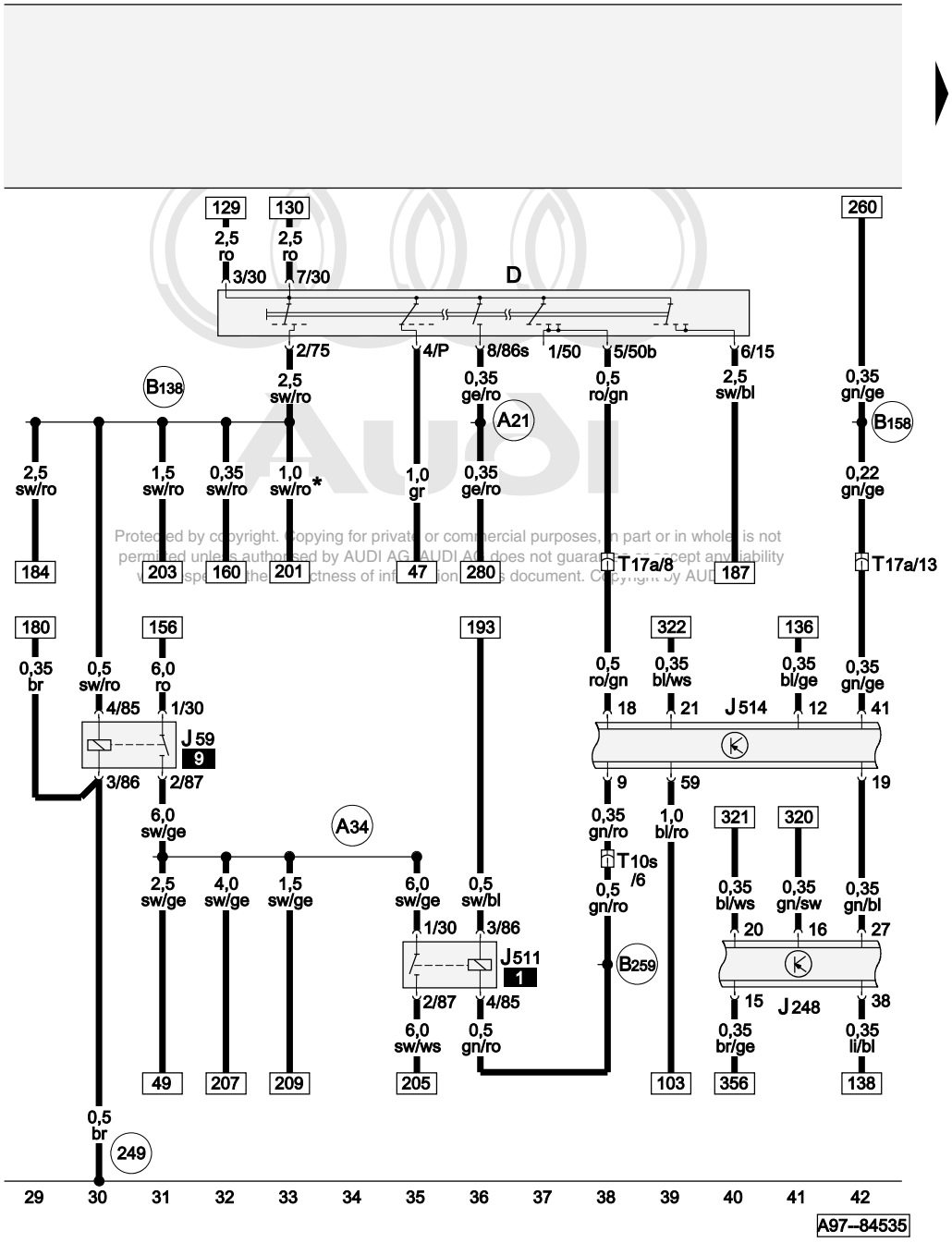

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Ignition/starter switch, X contact relief relay, consumer switch-off relay

D	Ignition/starter switch
J59	X contact relief relay
J248	Diesel direct injection system control unit
J511	Consumer switch-off relay
J514	Electronic manual gearbox control unit
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
249	Earth connection -2-, in interior wiring harness
A21	Connection (86s), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B158	Connection (S), in interior wiring harness
B259	Connection (start/stop signal), in interior wiring harness
*	Only applies to models with heater element for washer jet

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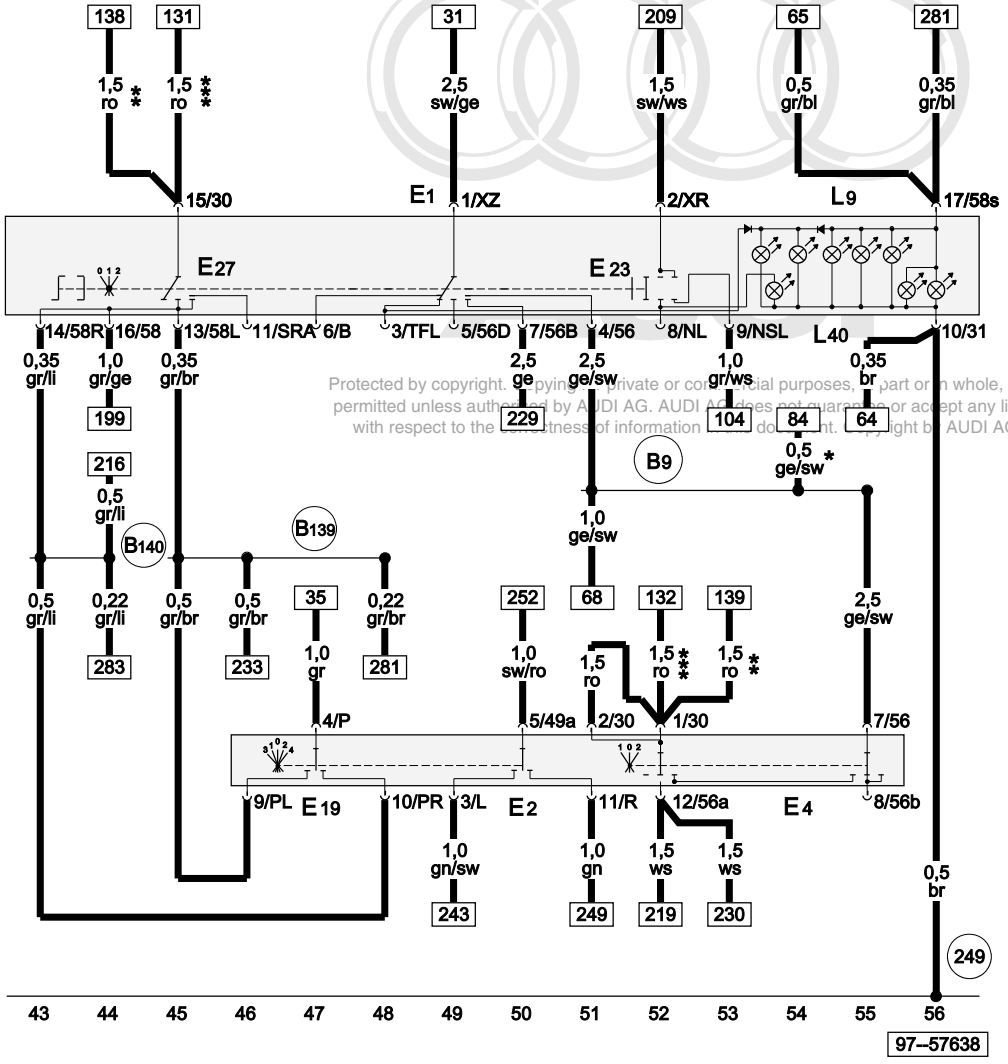
Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, front and rear fog light switch



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E1	Lighting switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E23	Front and rear fog light switch
E27	Side light switch
L9	Lighting switch light bulb
L40	Front and rear fog light switch illumination bulb
249	Earth connection -2-, in interior wiring harness
B9	Connection (56), in steering column switch wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
*	Only applies to models with headlight washer system
**	No longer fitted, phased-in modification
***	Phased-in modification

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

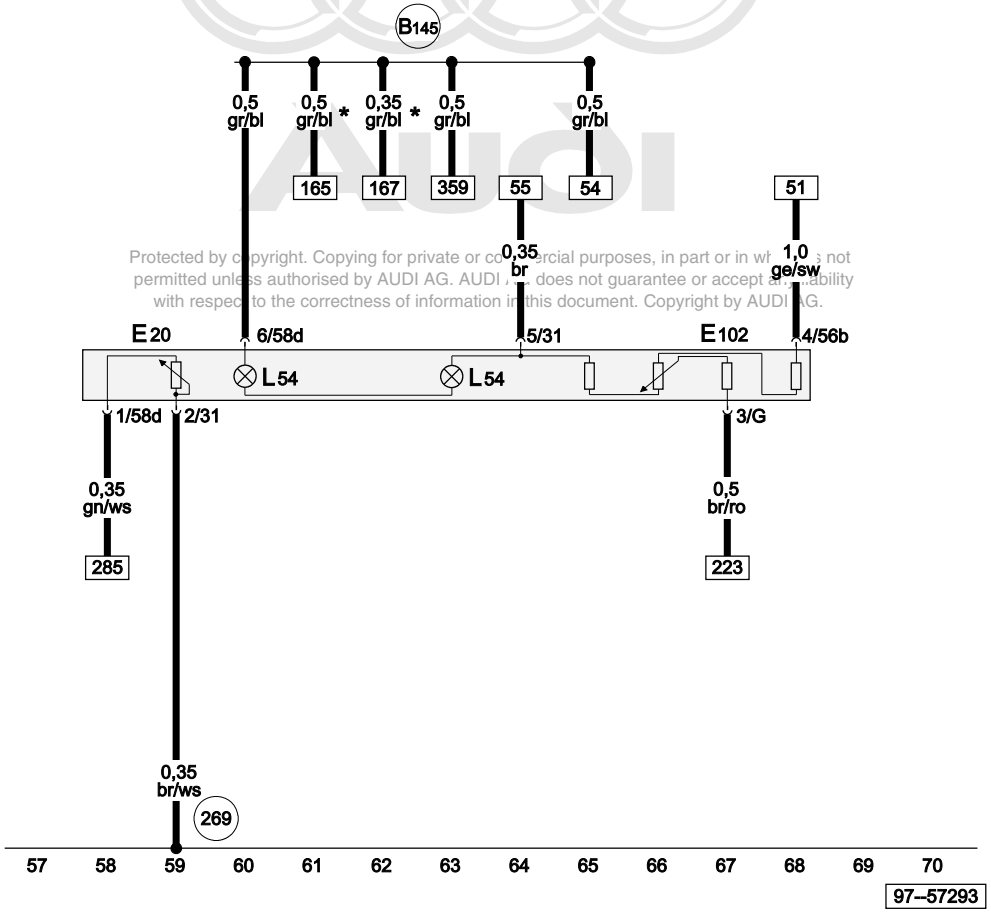
Switches and instruments light regulator, headlight range control adjuster

E20 Switches and instruments light regulator
E102 Headlight range control adjuster
L54 Headlight range control adjuster light bulb

269 Earth connection (sender earth) -1-, in dash panel wiring harness

B145 Positive (+) connection (58b), in interior wiring harness

* Only applies to models with equipment for smokers



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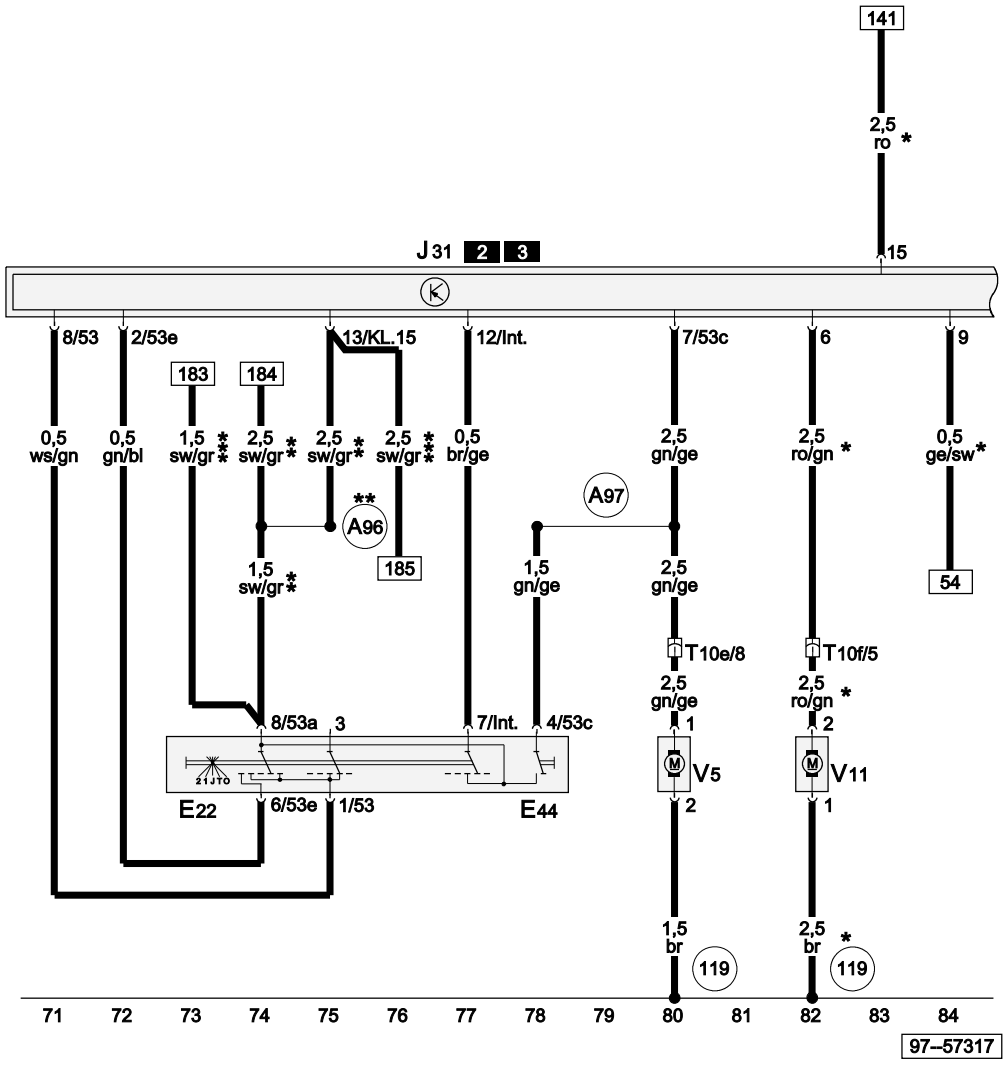

Intermittent wiper switch, washer pump switch, automatic intermittent wash/wipe relay

E22	Intermittent wiper switch
E44	Windscreen washer pump switch (automatic wash/wipe and headlight washer system)
J31	Automatic intermittent wash/wipe relay
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
V5	Windscreen washer pump
V11	Headlight washer system pump
119	Earth connection -1-, in headlight wiring harness
A96	Connection (53a), in dash panel wiring harness
A97	Connection (53), in dash panel wiring harness
*	Only applies to models with headlight washer system
**	No longer fitted, phased-in modification
***	Phased-in modification

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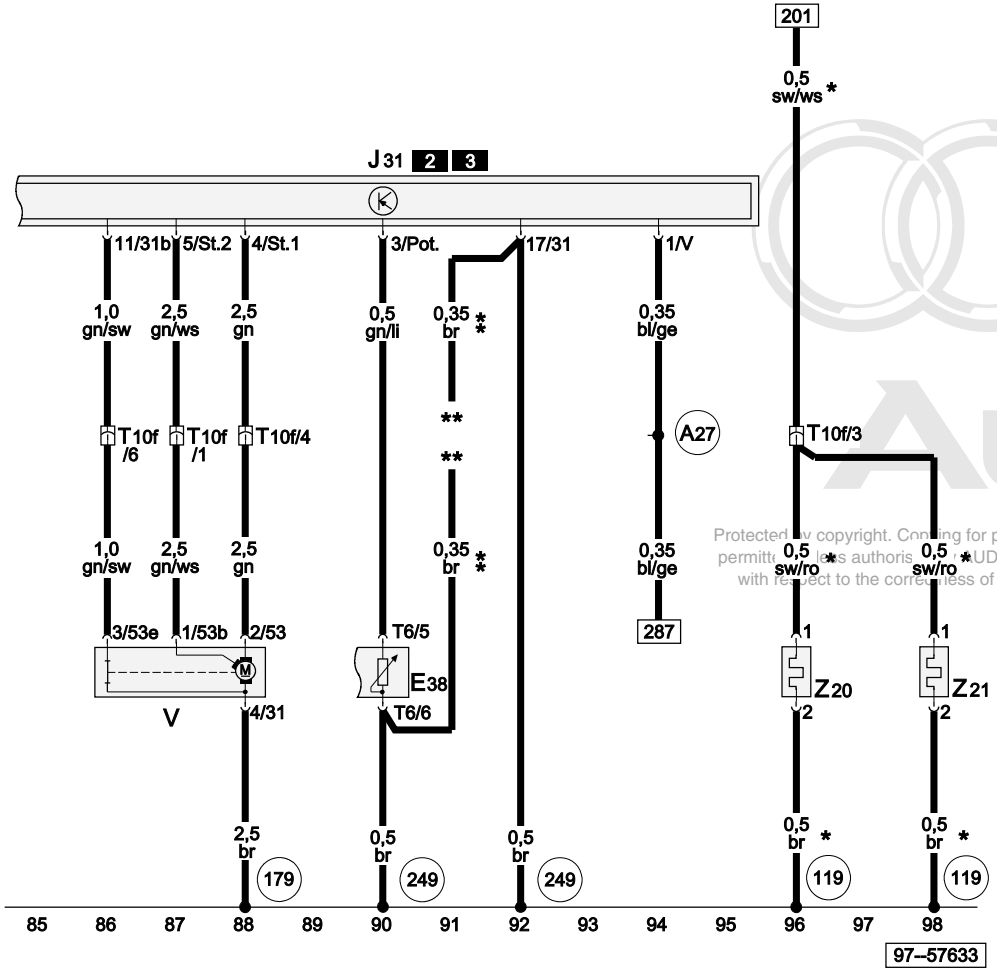
Intermittent wiper control, automatic intermittent wash/wipe relay, heater element for washer jet

E38	Intermittent wiper control
J31	Automatic intermittent wash/wipe relay
T6	6-pin connector, brown, behind steering column switch trim
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
*	Only applies to models with heater element for washer jet
**	⇒ Applicable Current Flow Diagram: Anti-lock brake system



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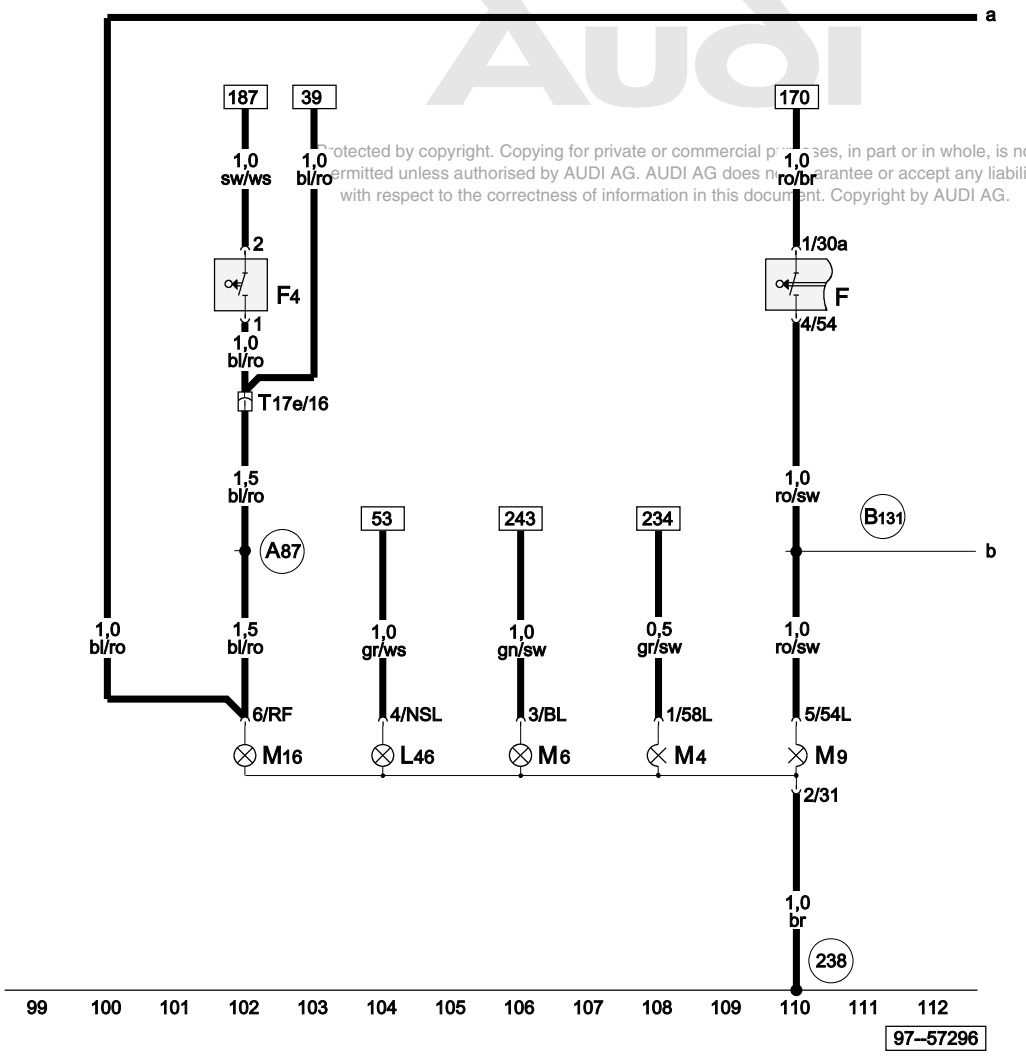
Reversing light switch, rear left fog light bulb, left tail light bulb, rear left turn signal bulb, left brake light bulb

F	Brake light switch
F4	Reversing light switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T17e	17-pin connector, blue, in footwell, front left
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B131	Connection (54), in interior wiring harness



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Right tail light bulb, rear right turn signal bulb, right reversing light bulb, high level brake light bulb, number plate lights

M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
M25	High level brake light bulb
X4	Number plate light, left
X5	Number plate light, right
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B132	Connection (number plate light), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness

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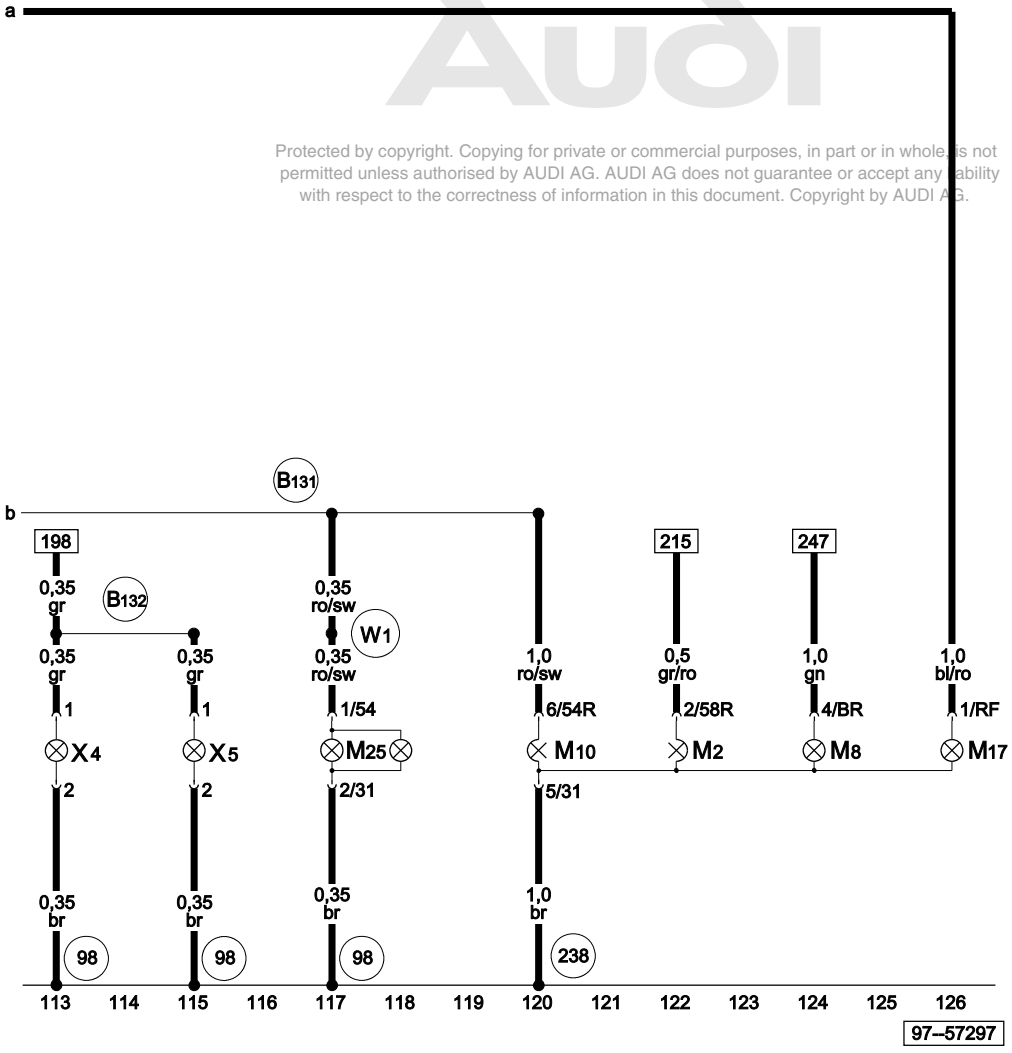

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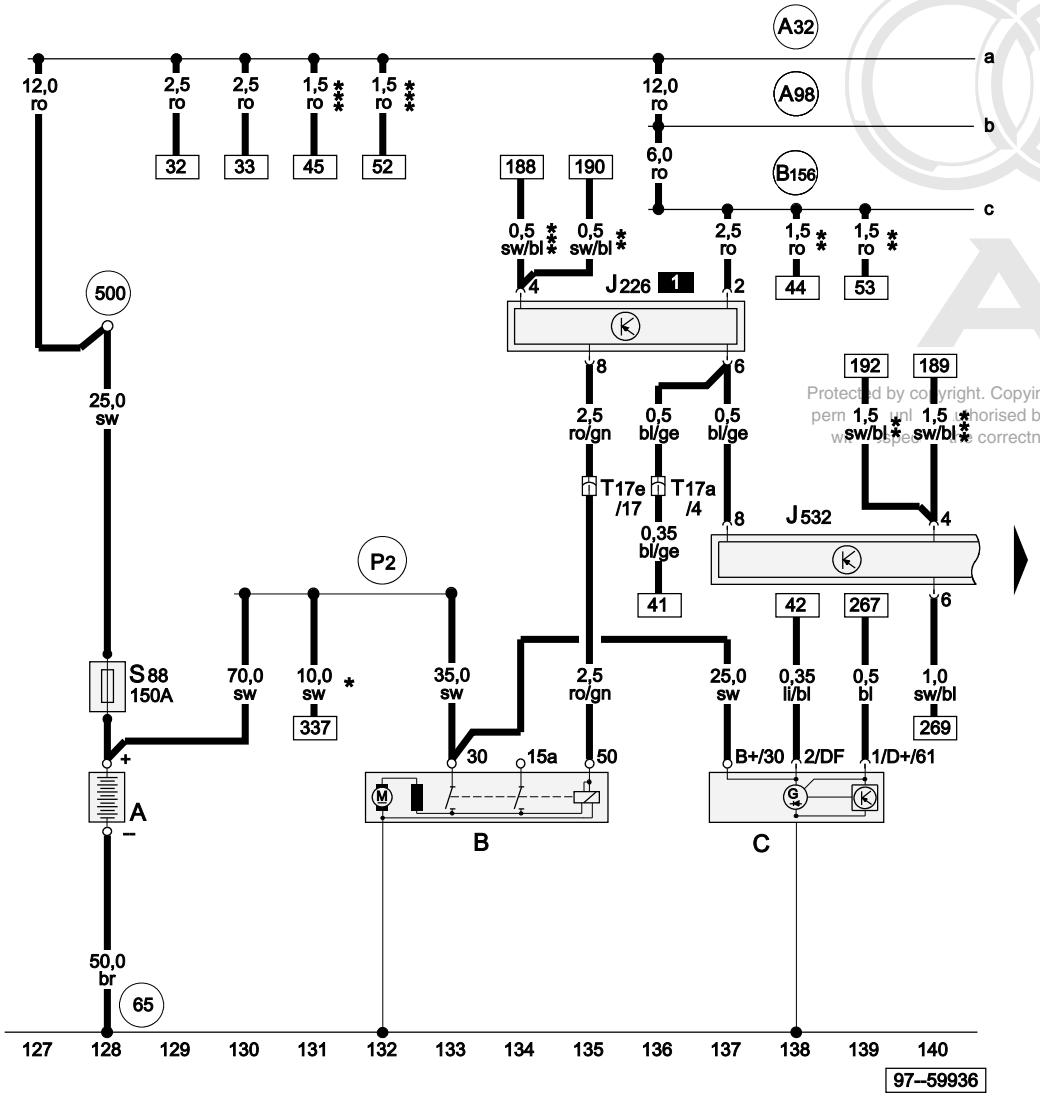

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Battery, starter, alternator, starter inhibitor and reversing light relay, voltage stabiliser

A	Battery
B	Starter
C	Alternator
J226	Starter inhibitor and reversing light relay
J532	Voltage stabiliser
S88	Strip fuse
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with power steering
**	No longer fitted, phased-in modification
***	Phased-in modification

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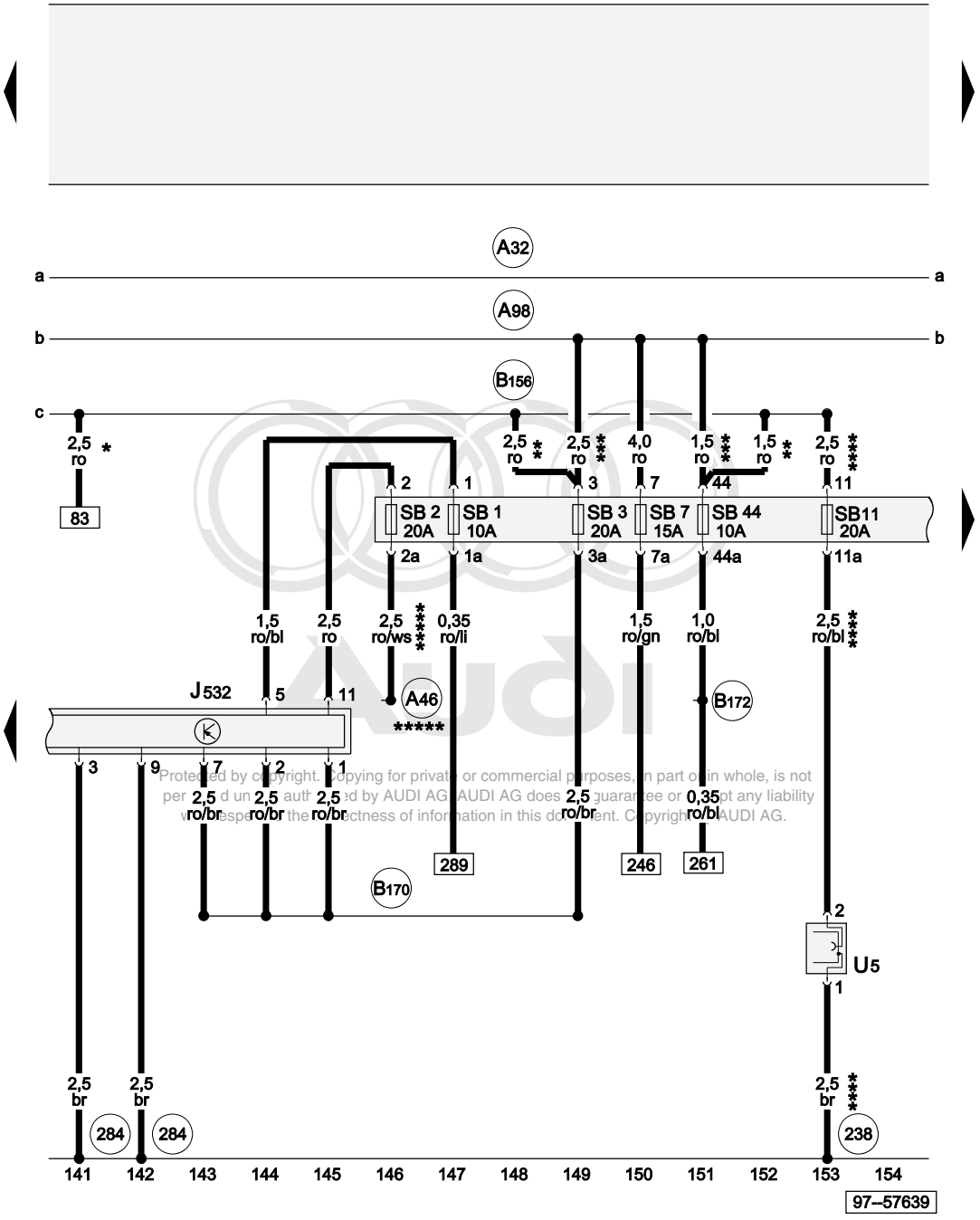

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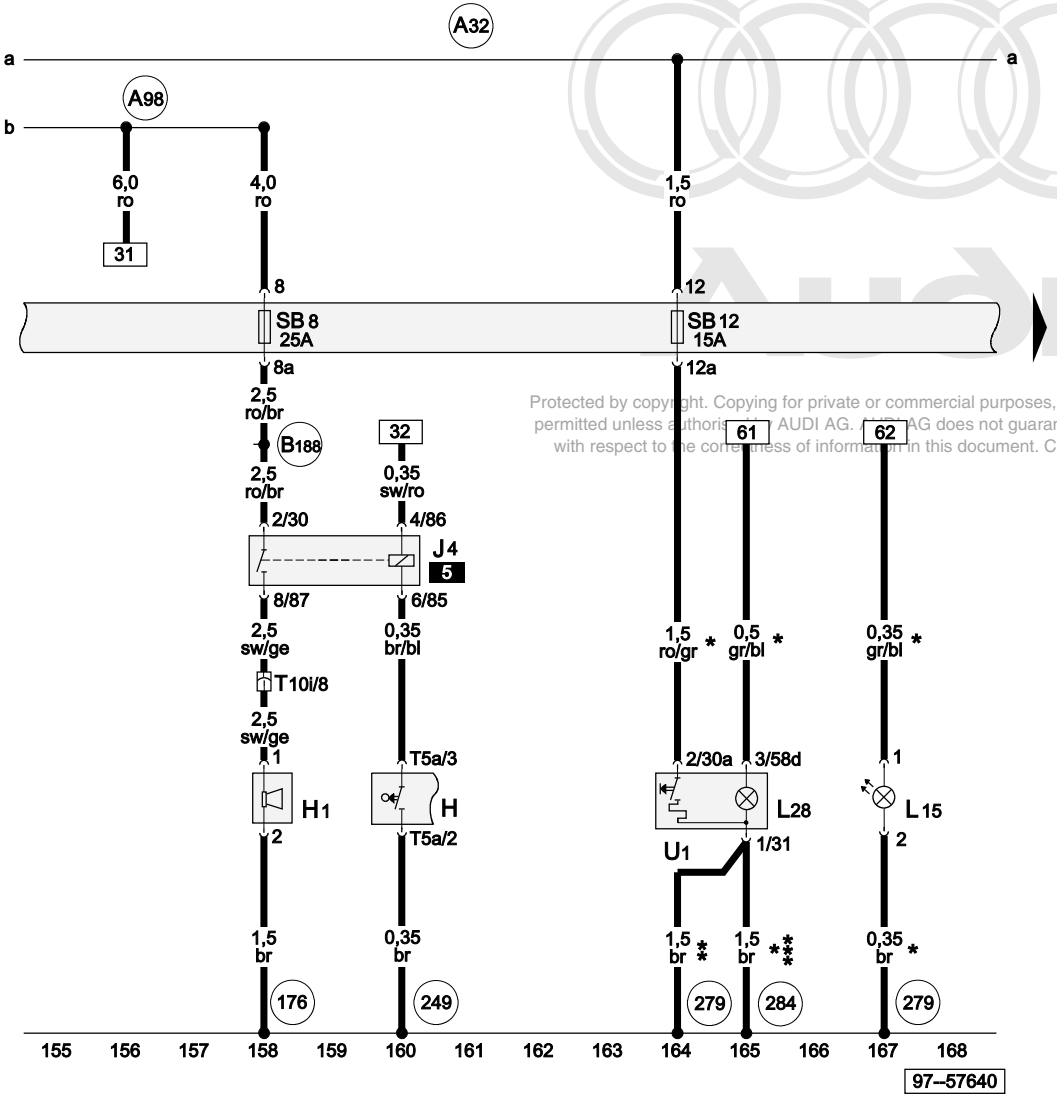
Voltage stabiliser, 12 V socket

J532	Voltage stabiliser
SB1	Fuse -1- on fuse box
SB2	Fuse -2- on fuse box
SB3	Fuse -3- on fuse box
SB7	Fuse -7- on fuse box
SB11	Fuse -11- on fuse box
SB44	Fuse -44- on fuse box
U5	12 V socket
238	Earth connection -1-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B170	Positive (+) connection -2- (30), in interior wiring harness
B172	Positive (+) connection -4- (30), in interior wiring harness
*	Only applies to models with headlight washer system
**	No longer fitted, phased-in modification
***	Phased-in modification
****	Only applies to models with 12 V socket
*****	⇒ Applicable Current Flow Diagram: Radio

Horn plate, horn/dual tone horn, dual tone horn relay, ashtray light bulb, cigarette lighter



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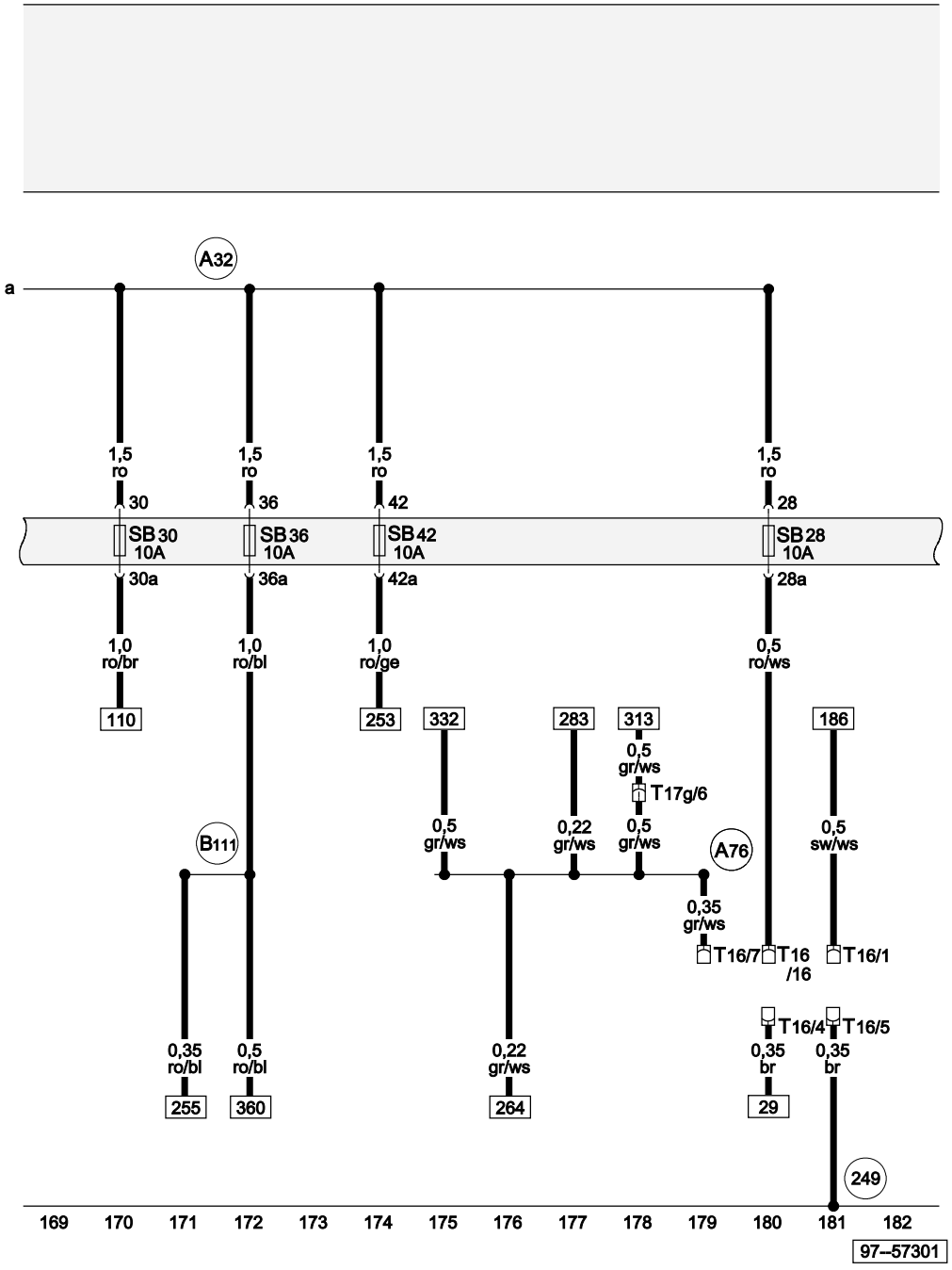
H	Horn plate
H1	Horn/dual tone horn
J4	Dual tone horn relay
L15	Ashtray light bulb
L28	Cigarette lighter light bulb
SB8	Fuse -8- on fuse box
SB12	Fuse -12- on fuse box
T5a	5-pin connector, yellow, behind steering column switch trim
T10i	10-pin connector, black, connector point, A pillar, right
U1	Cigarette lighter
176	Earth connection, in right headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B188	Positive (+) connection -5- (30), in interior wiring harness
*	Only applies to models with equipment for smokers
**	No longer fitted, phased-in modification
***	Phased-in modification



Fuses on fuse box

SB28	Fuse -28- on fuse box
SB30	Fuse -30- on fuse box
SB36	Fuse -36- on fuse box
SB42	Fuse -42- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
249	Earth connection -2-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness

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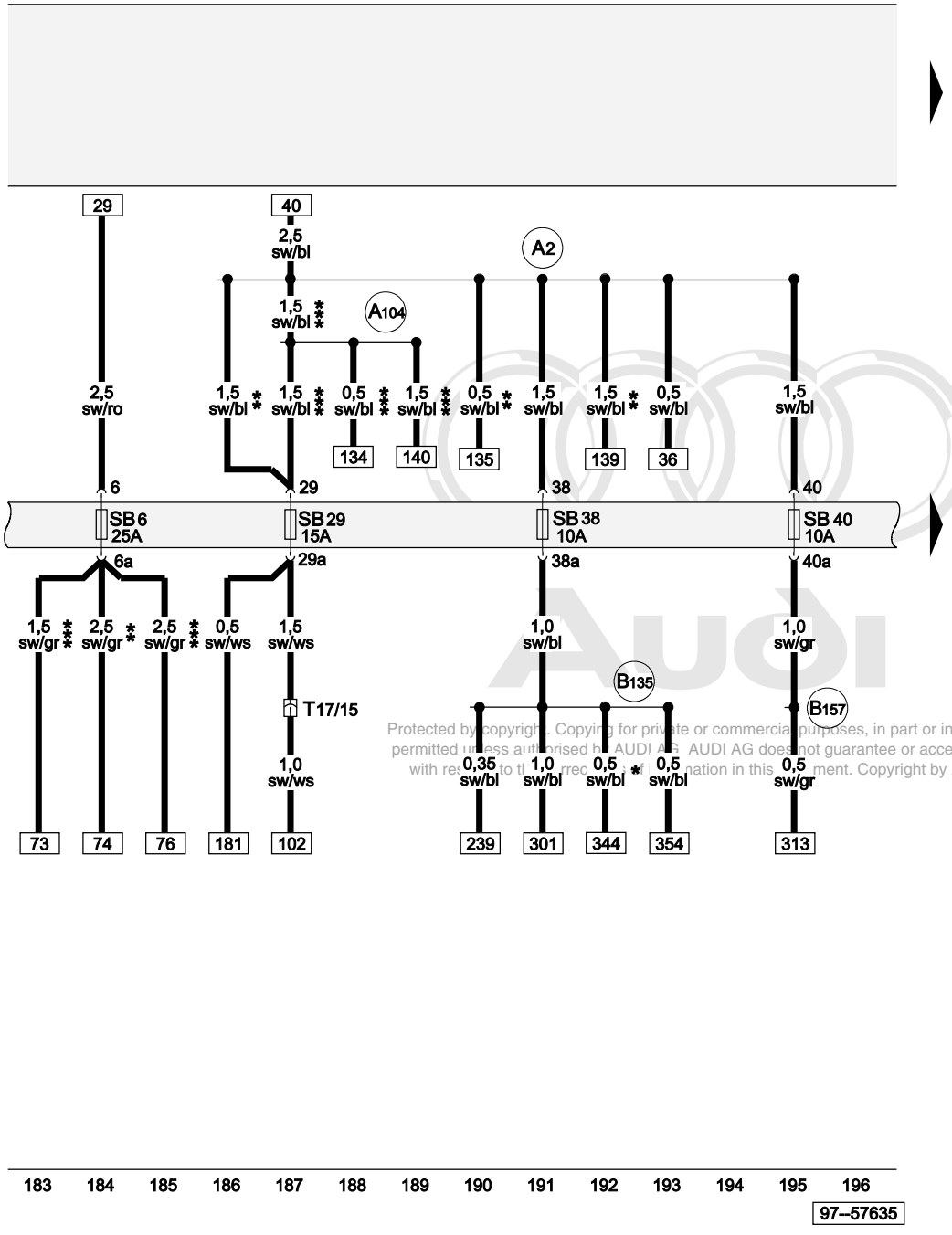

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Fuses on fuse box

SB6	Fuse -6- on fuse box
SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
SB40	Fuse -40- on fuse box
T17	17-pin connector, brown, in footwell, front left
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B157	Positive (+) connection -3- (15a), in interior wiring harness
*	Only applies to models with power steering
**	As of model year 2003 no longer fitted (phased-in modification)
***	Phased-in modification

ws	=	white
sw	=	black
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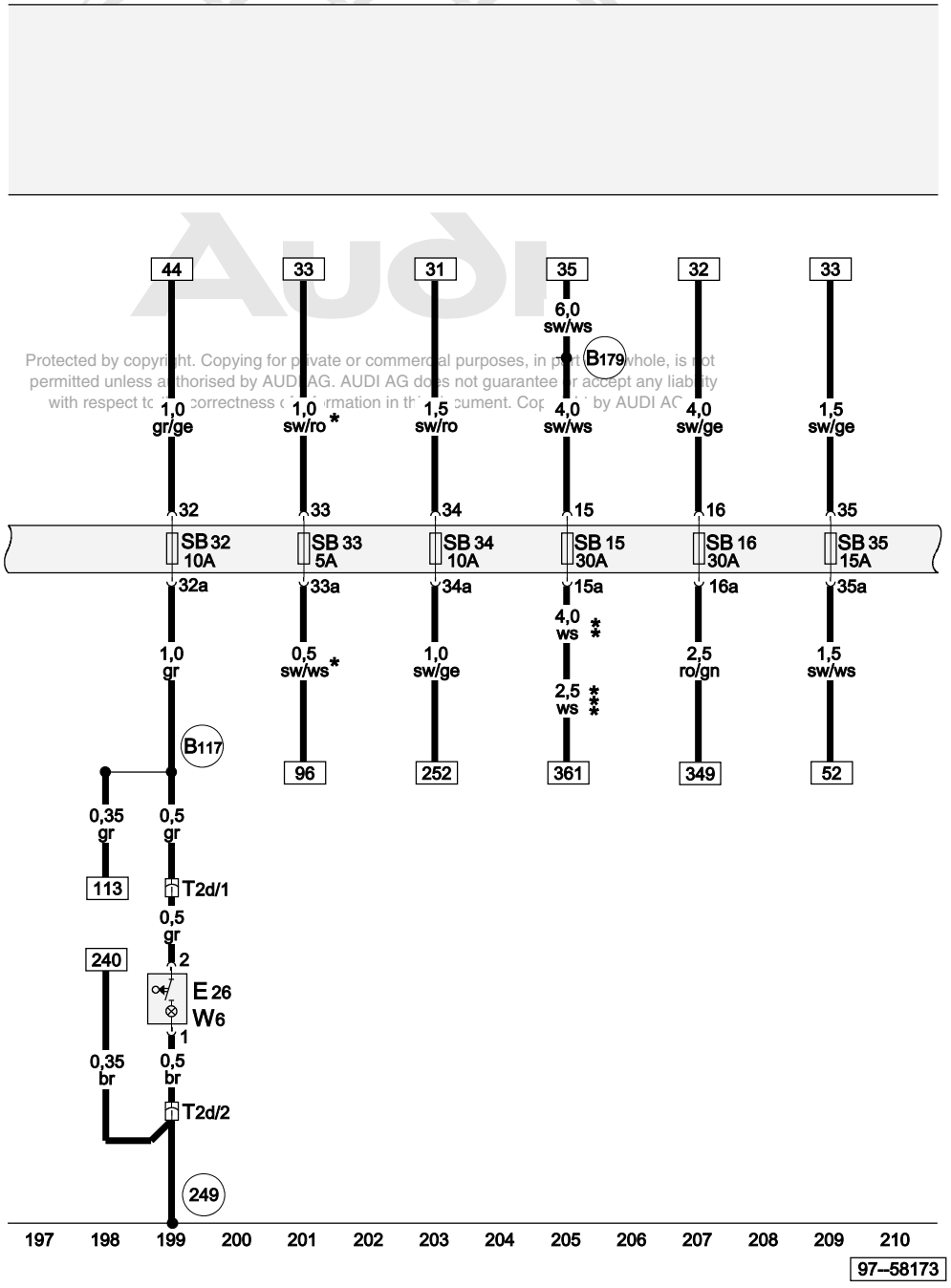

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Fuses on fuse box, glove box light

E26	Glove box light switch
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB32	Fuse -32- on fuse box
SB33	Fuse -33- on fuse box
SB34	Fuse -34- on fuse box
SB35	Fuse -35- on fuse box
T2d	2-pin connector, black, near glove box
W6	Glove box light
249	Earth connection -2-, in interior wiring harness
B117	Connection (58a, right), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness
*	Only applies to models with heater element for washer jet
**	As of model year 2003 no longer fitted (phased-in modification)
***	Phased-in modification

ws	=	white
sw	=	black
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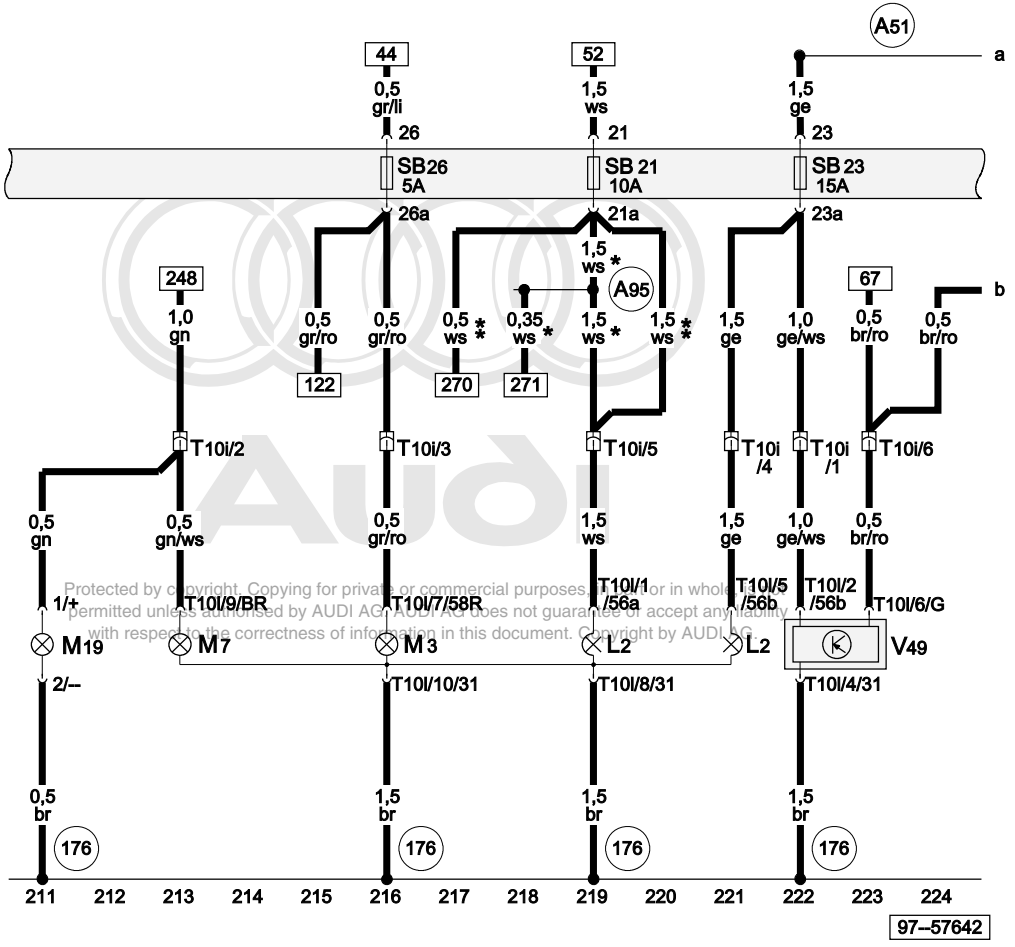

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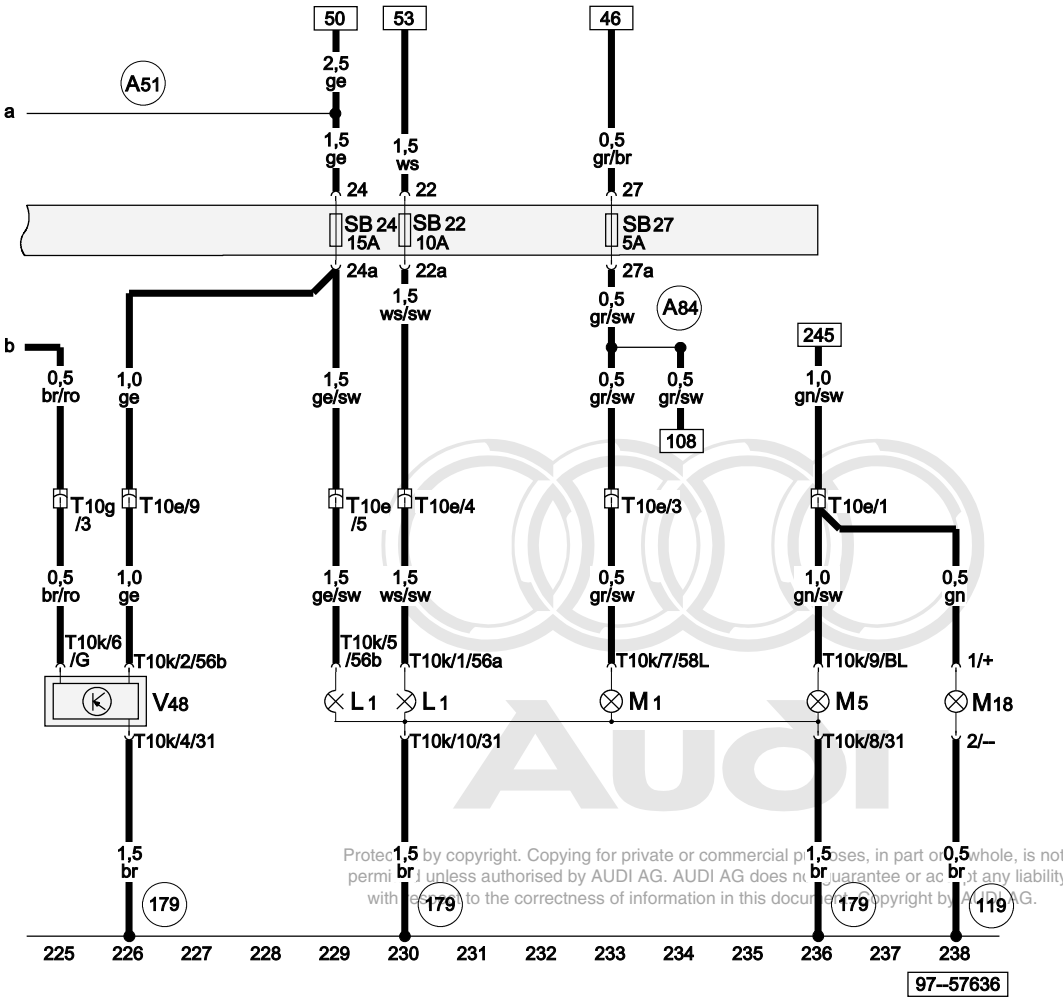
Twin filament bulb for right headlight, right side light bulb, front right turn signal bulb, right headlight range control motor

L2	Twin filament bulb for headlight, right
M3	Side light bulb, right
M7	Turn signal bulb, front right
M19	Side turn signal bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
(176)	Earth connection, in right headlight wiring harness
(A51)	Connection (56), in dash panel wiring harness
(A95)	Connection -1- (56a), in dash panel wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification



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Twin filament bulb for left headlight, left side light bulb, front left turn signal bulb, left headlight range control motor

L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M5	Turn signal bulb, front left
M18	Side turn signal bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
V48	Headlight range control motor, left
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
A51	Connection (56), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness

Hazard warning light switch, hazard warning light relay

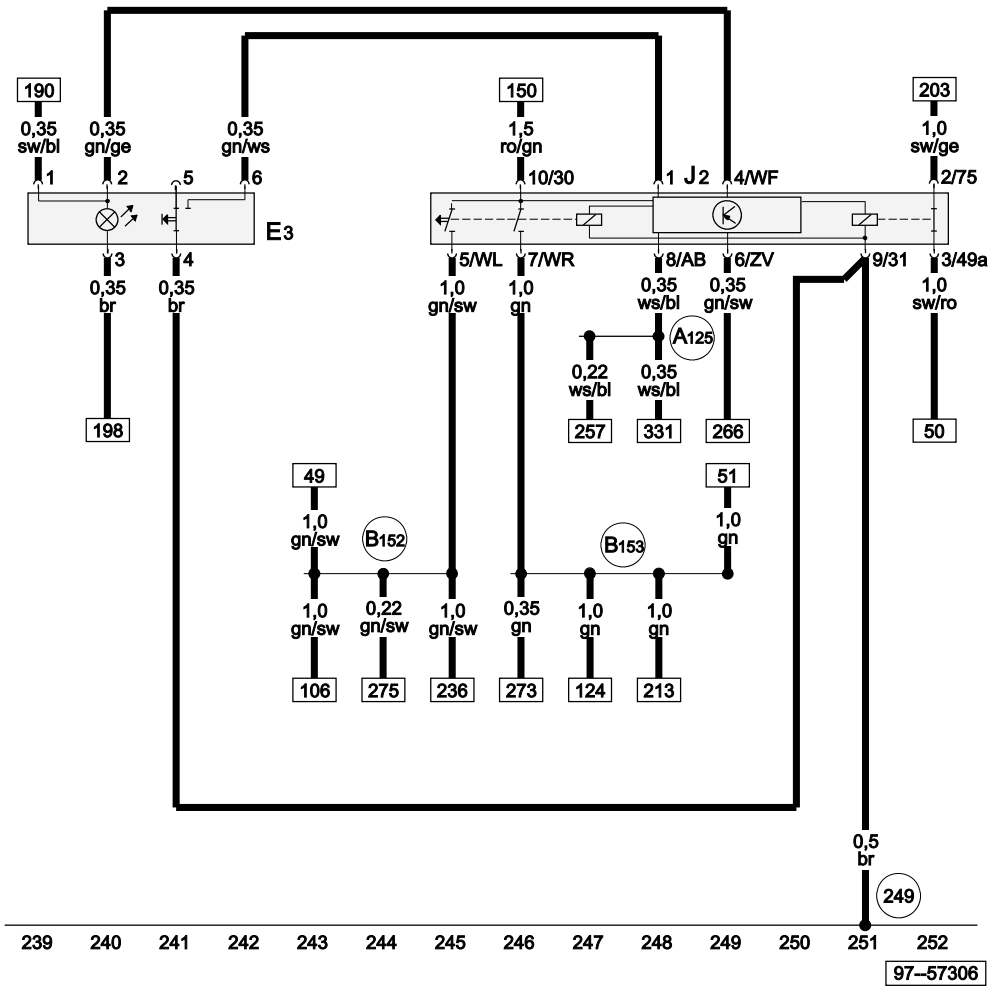
E3 Hazard warning light switch
J2 Hazard warning light relay

249 Earth connection -2-, in interior wiring harness

A125 Connection (crash signal), in dash panel wiring harness

B152 Connection (BL (turn signal, left)), in interior wiring harness

B153 Connection (BR (turn signal, right)), in interior wiring harness



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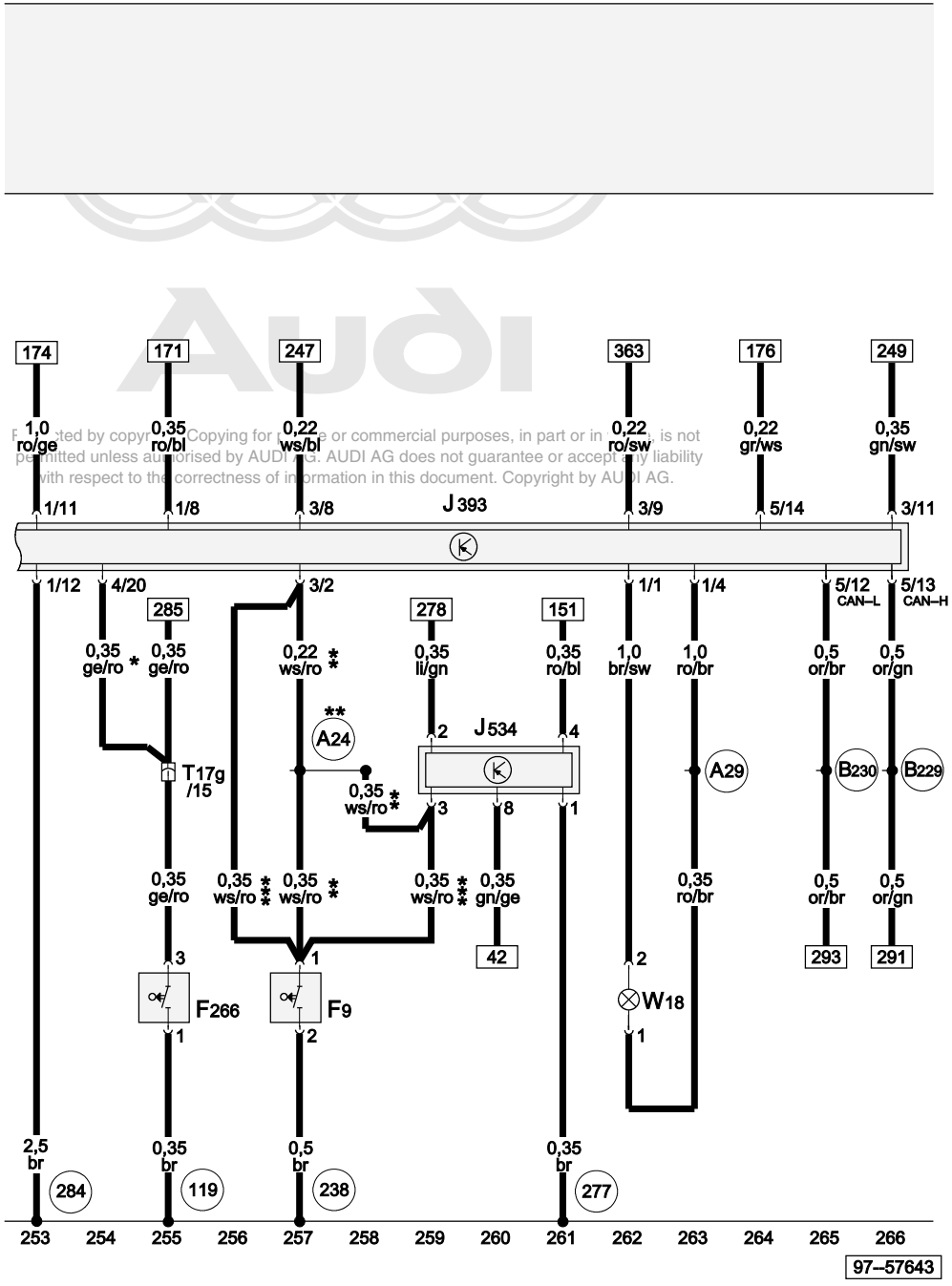

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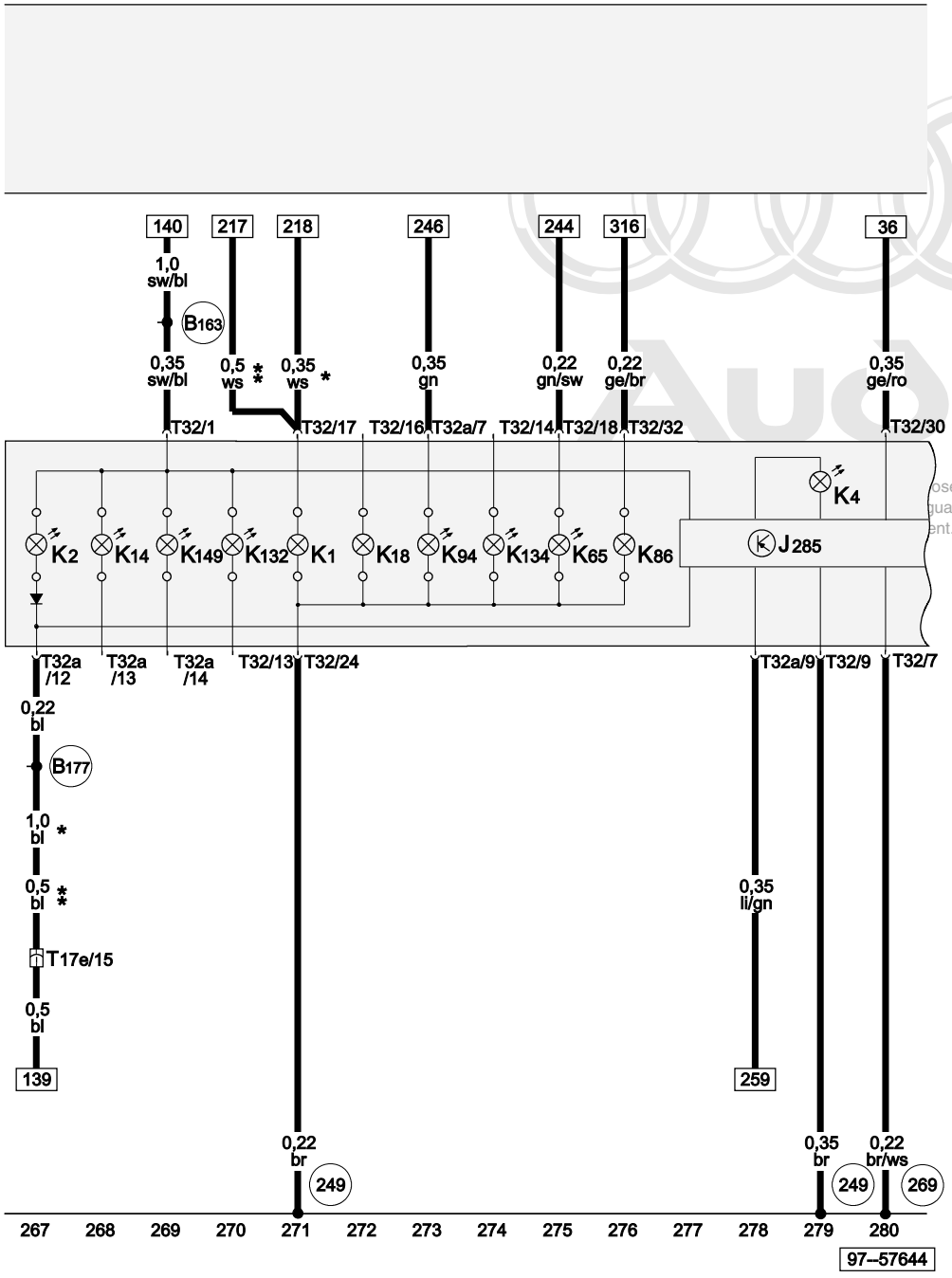
Handbrake warning switch, handbrake warning lamp control unit, luggage compartment light, left

F9	Handbrake warning switch
F266	Bonnet contact switch
J393	Convenience system central control unit
J534	Handbrake warning lamp control unit
W18	Luggage compartment light, left
T17g	17-pin connector, red, connector point, A pillar, left
119	Earth connection -1-, in headlight wiring harness
238	Earth connection -1-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A24	Connection (brake system monitoring), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	No longer fitted, phased-in modification
***	Phased-in modification



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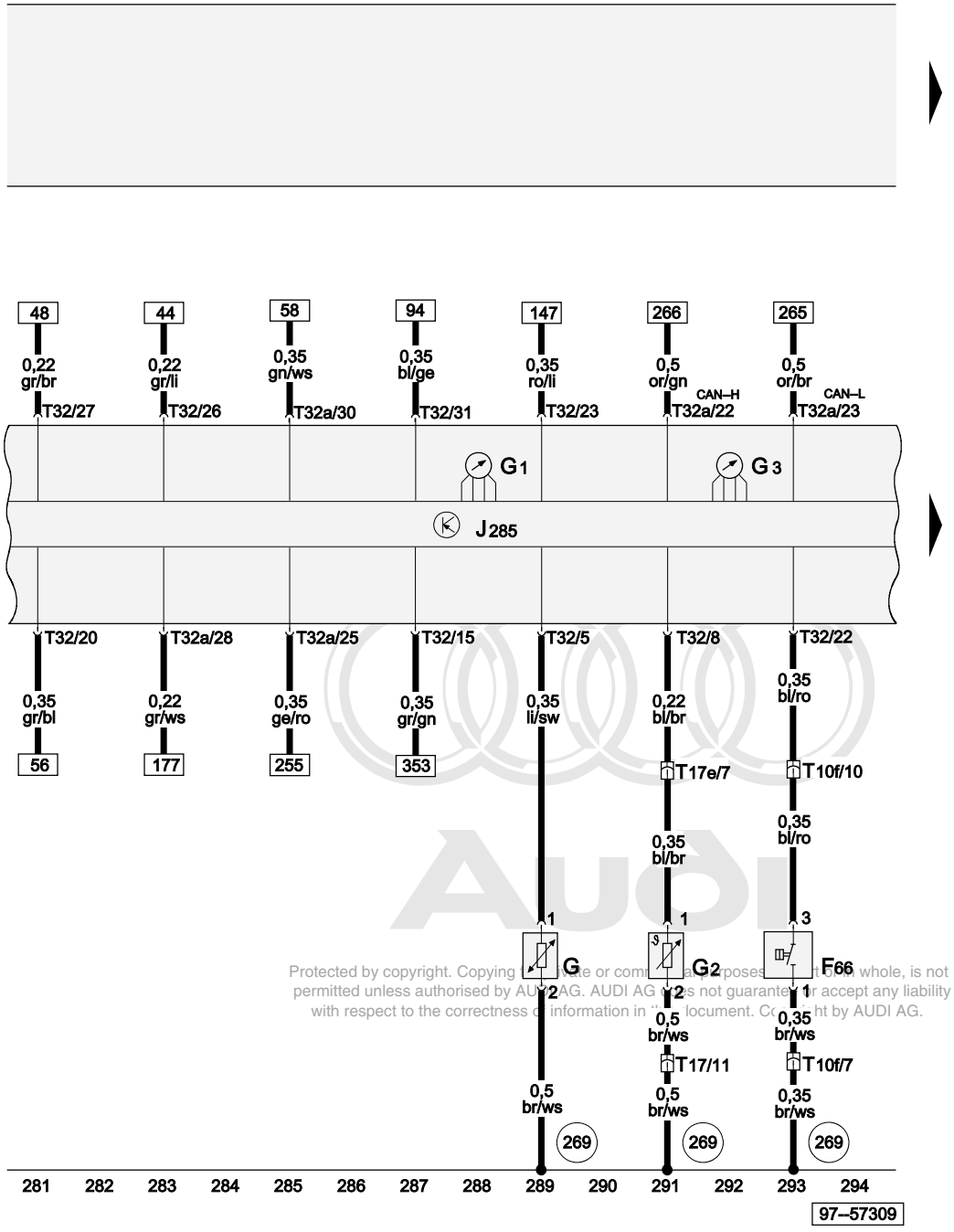
Control unit with display in dash panel insert, warning lamps

J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light 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
K132	Electronic power control fault lamp
K134	Self-levelling suspension warning lamp
K149	Engine electronics warning lamp
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
249	Earth connection -2-, in interior wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
B177	Connection (61), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification



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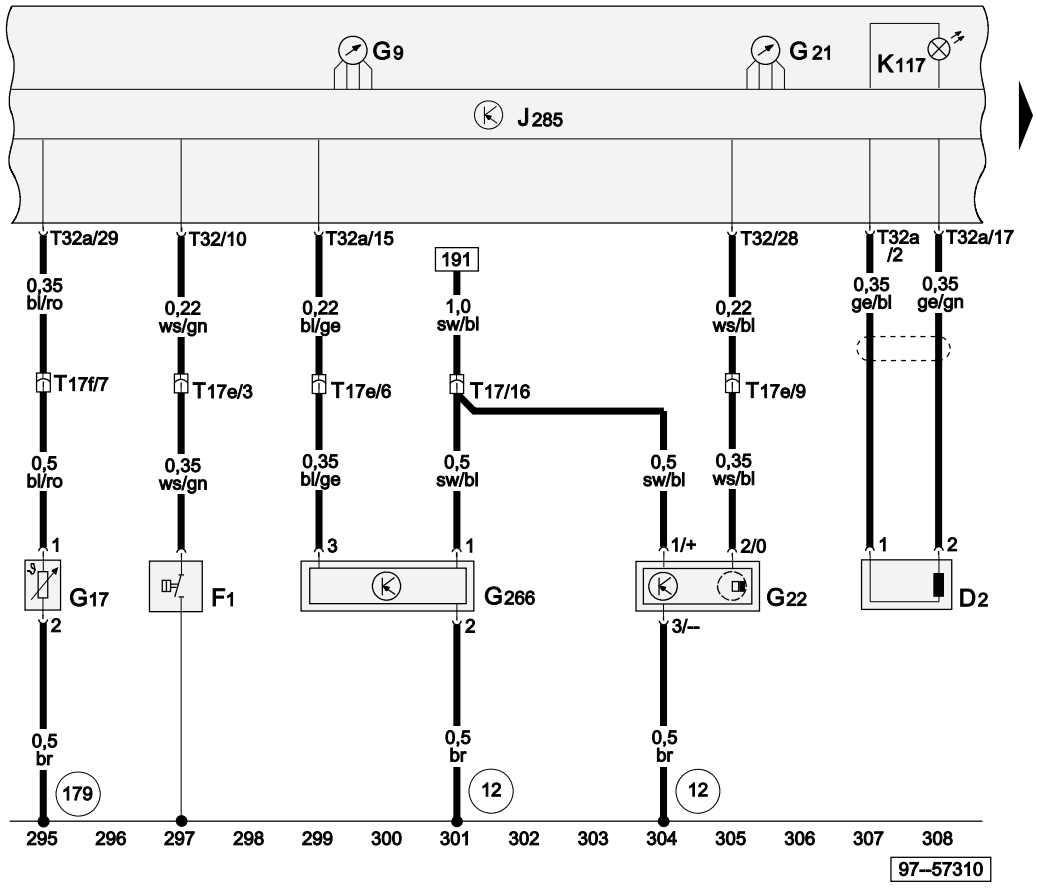
Fuel gauge sender, coolant temperature sender, control unit with display in dash panel insert

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature sender
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness

Immobilizer reading coil, oil pressure switch, ambient temperature sensor, speedometer sender

D2	Immobilizer reading coil
F1	Oil pressure switch
G9	Oil temperature gauge
G17	Ambient temperature sensor
G21	Speedometer
G22	Speedometer sender (Hall sender, on gearbox)
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
K117	Immobilizer warning lamp
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
179	Earth connection, in left headlight wiring harness



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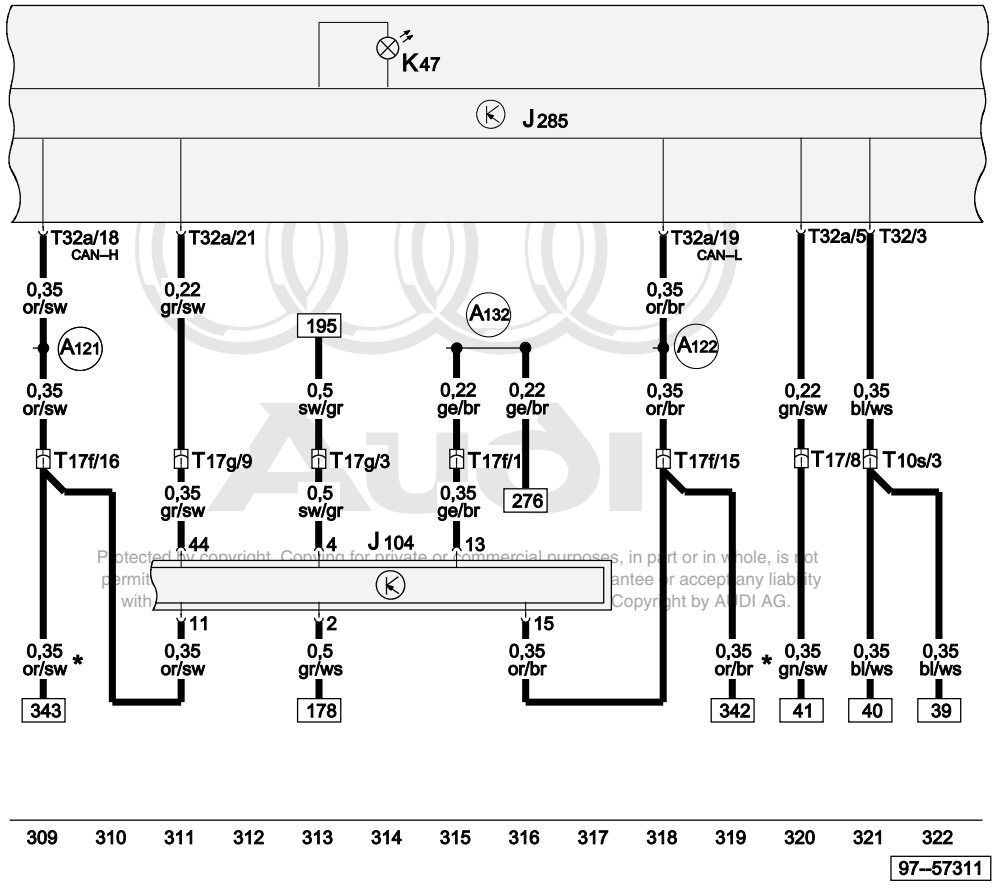

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ABS with EDL control unit, control unit with display in dash panel insert

J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K47	ABS warning lamp
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
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
A132	Connection (TCS/ESP), in dash panel wiring harness
*	Only applies to models with power steering

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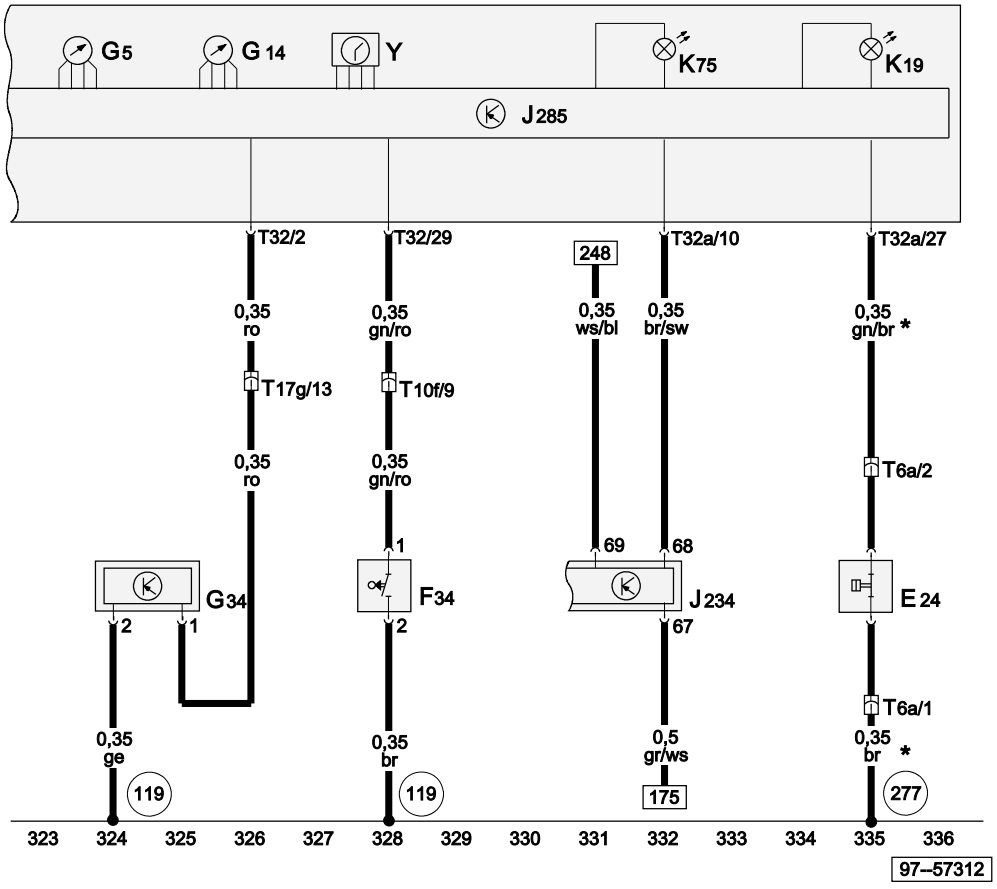
Belt switch (driver's side), brake fluid level warning contact, brake lining/pad wear sender, front left

E24	Belt switch, driver's side
F34	Brake fluid level warning contact
G5	Rev. counter
G14	Voltmeter
G34	Brake lining/pad wear sender, front left
J234	Airbag control unit
J285	Control unit with display in dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T6a	6-pin connector, red, under driver's seat
T10f	10-pin connector, blue, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Y	Analogue clock
119	Earth connection -1-, in headlight wiring harness
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with seat belt warning system



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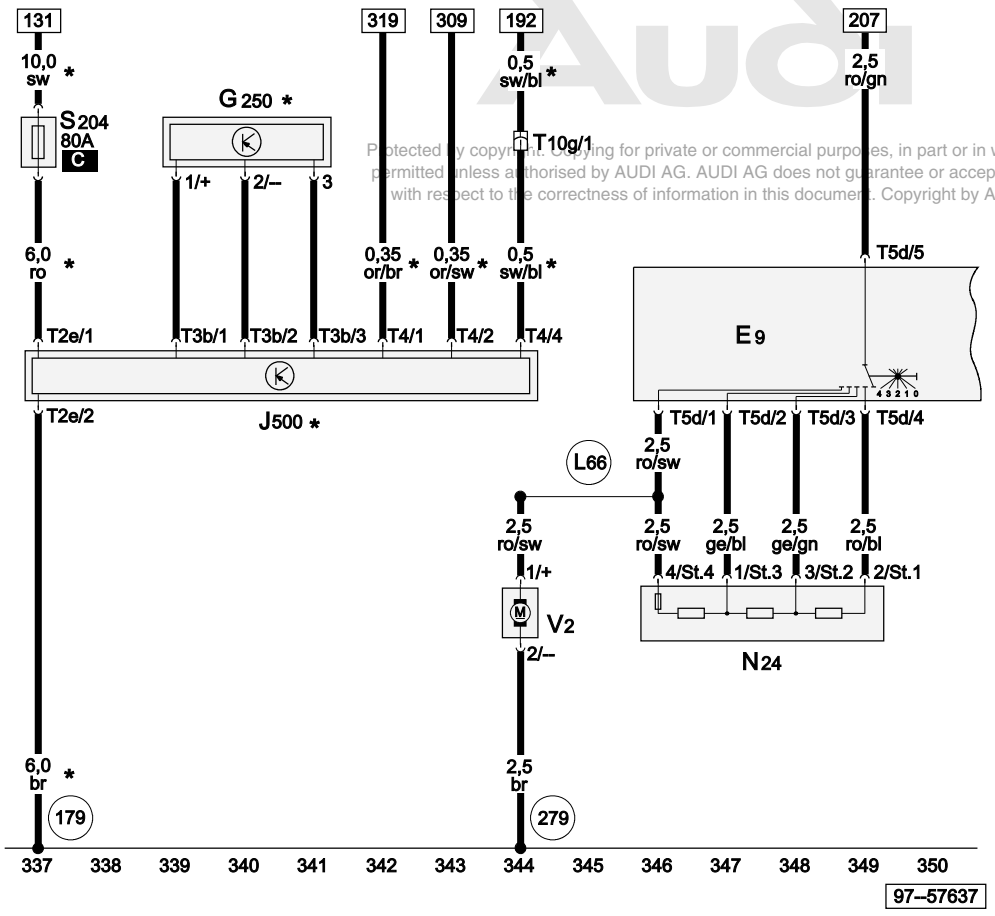
Fresh air blower switch, power steering control unit, fresh air blower with overheating fuse series resistor



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E9	Fresh air blower switch
G250	Power steering sensor
J500	Power steering control unit
N24	Fresh air blower with overheating fuse series resistor
S204	Fuse -1- (30)
T2e	2-pin connector, black, on power steering control unit
T3b	3-pin connector, on power steering control unit
T4	4-pin connector, black, on power steering control unit
T5d	5-pin connector, black, on heater controls
T10g	10-pin connector, grey, connector point, A pillar, left
V2	Fresh air blower
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
L66	Connection, in heater blower wiring harness
*	Only applies to models with power steering

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Heated rear window switch, fresh air/air recirculating flap switch, heated rear window relay

E15	Heated rear window switch
E159	Fresh air/air recirculating flap switch
E288	Additional heating button (ECON)
J9	Heated rear window relay
L39	Heated rear window switch illumination bulb
L94	Heater switch illumination
L100	Fresh air/air recirculating flap switch illumination
T2m	2-pin connector, black, on heater controls
T16h	16-pin connector, black, on heater controls
T17e	17-pin connector, blue, in footwell, front left
R18	Frequency switch, left
R19	Frequency switch, right
V154	Fresh air/air recirculating flap control motor
Z1	Heated rear window
62	Earth point, right C pillar
277	Earth connection -3-, in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification

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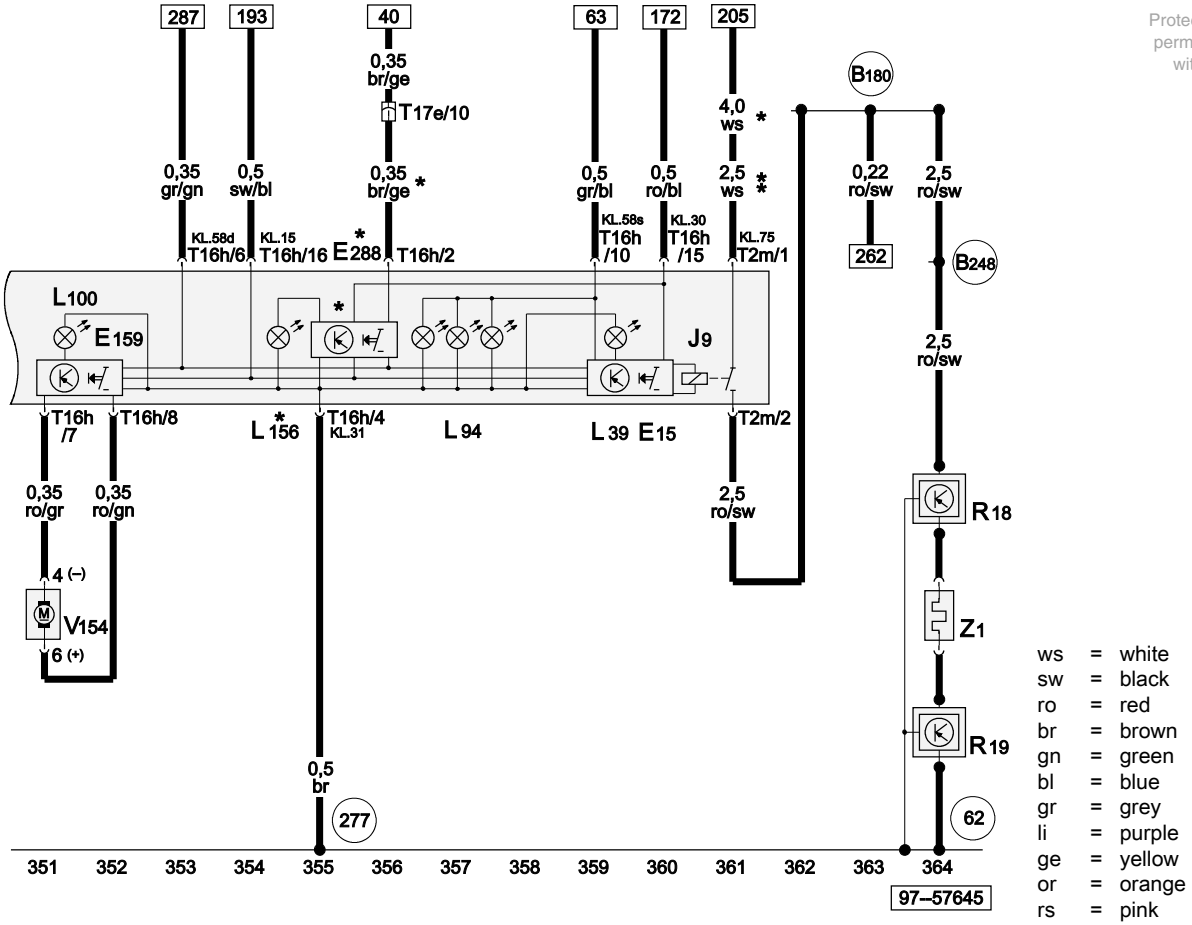

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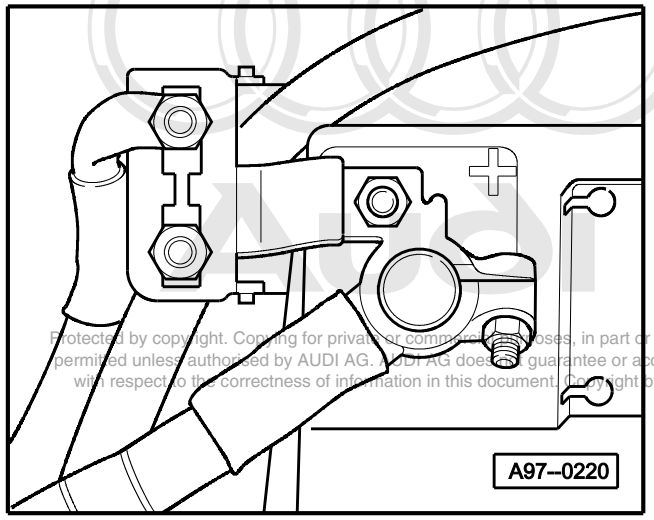
1.6 litre FSI engine (81 kW - Motronic - 4-cylinder), engine code BAD

From model year 2003

Main fuse



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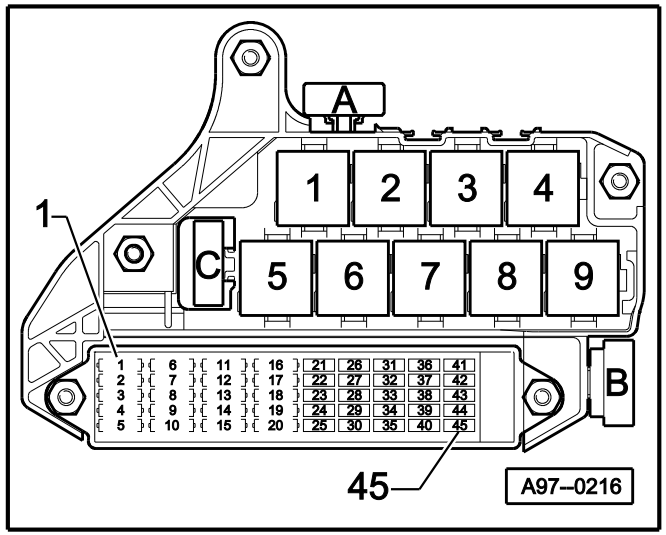
- On battery

9-point relay carrier, fuse box

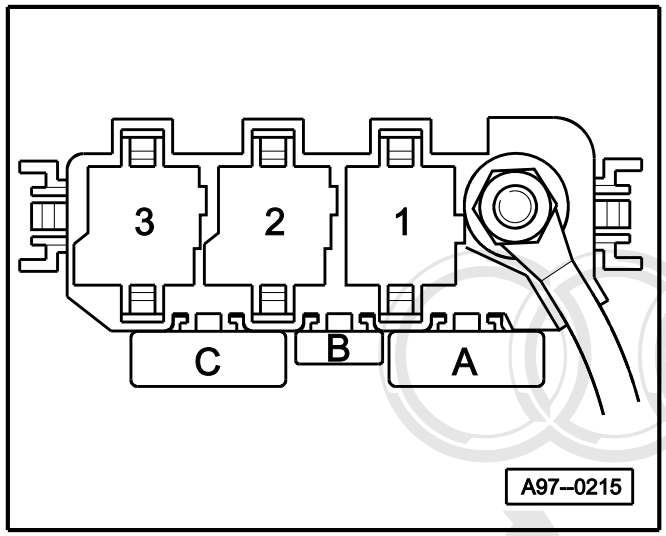


♦ In dash panel, driver's side

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

1 - Motronic current supply relay (J271)
A - Engine control unit fuse (S102)
B - Air mass meter fuse (S74)

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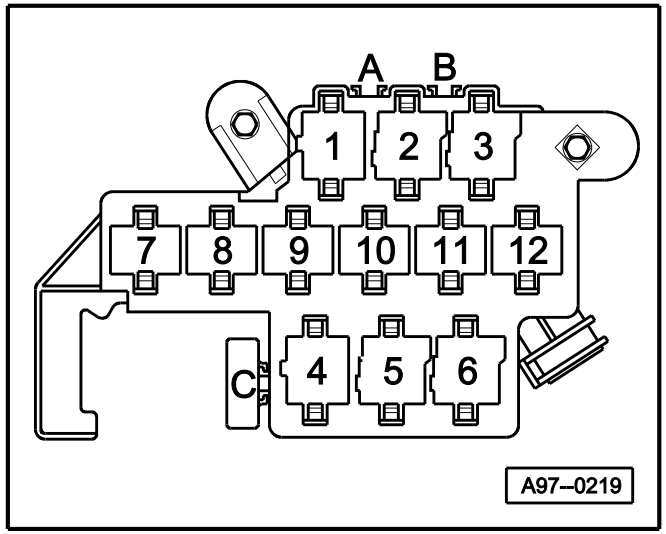
6+6-point relay carrier



◆ In footwell, front left

5 - Fuel pump relay (J17)

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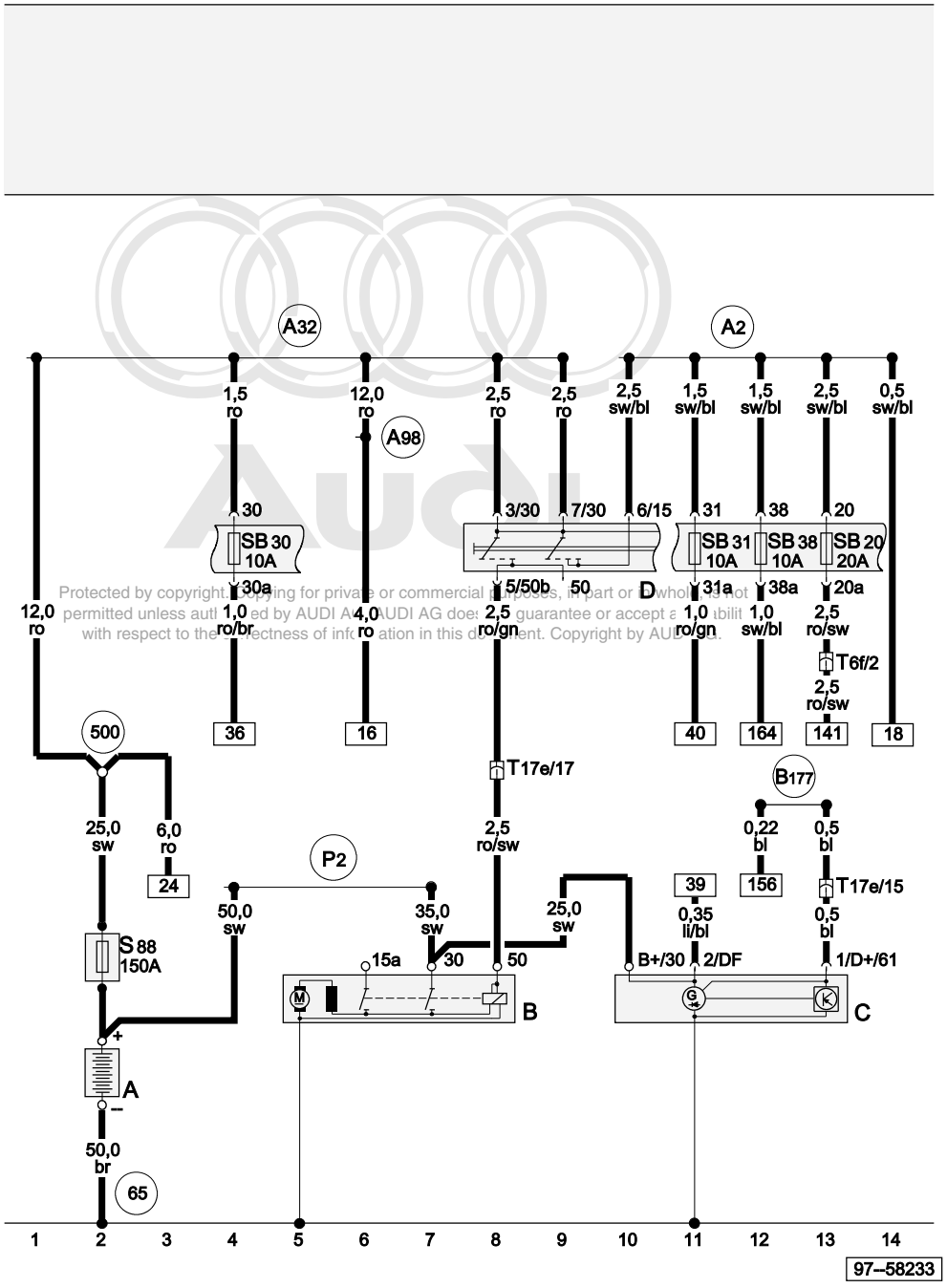

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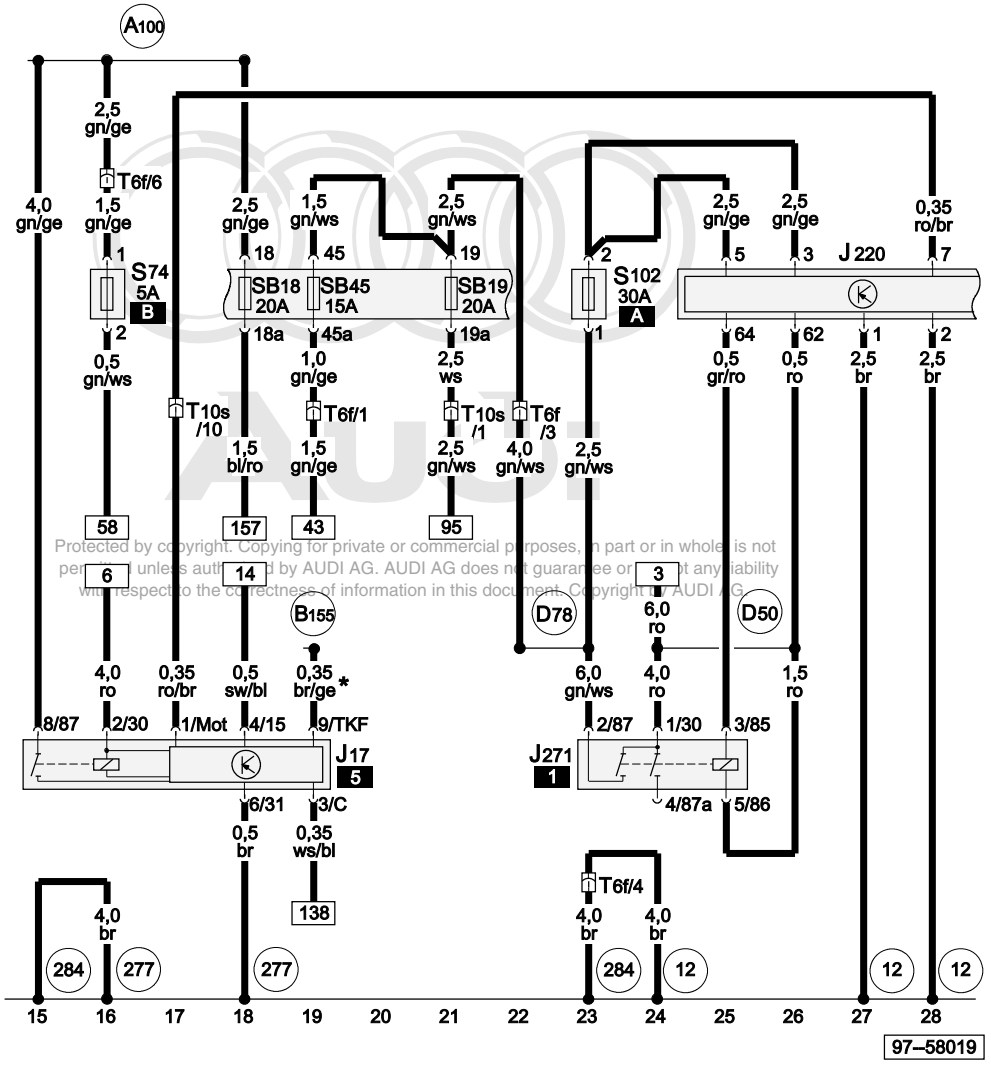
Battery, starter, alternator, ignition/starter switch, fuses on fuse box

A	Battery
B	Starter
C	Alternator
D	Ignition/starter switch
S88	Strip fuse
SB20	Fuse -20- on fuse box
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
T6f	6-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B177	Connection (61), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness

Fuel pump relay, Motronic control unit, Motronic current supply relay, air mass meter fuse, engine control unit fuse



J17	Fuel pump relay
J220	Motronic control unit
J271	Motronic current supply relay
S74	Air mass meter fuse
S102	Engine control unit fuse
SB18	Fuse -18- on fuse box
SB19	Fuse -19- on fuse box
SB45	Fuse -45- on fuse box
T6f	6-pin connector, green, in footwell, front left
T10s	10-pin connector, white, in footwell, front left
12	Earth point, in engine compartment, left
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A100	Connection -2- (87), in dash panel wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
D78	Positive (+) connection -1- (30a), in engine compartment wiring harness
*	⇒ Applicable Current Flow Diagram: Convenience systems

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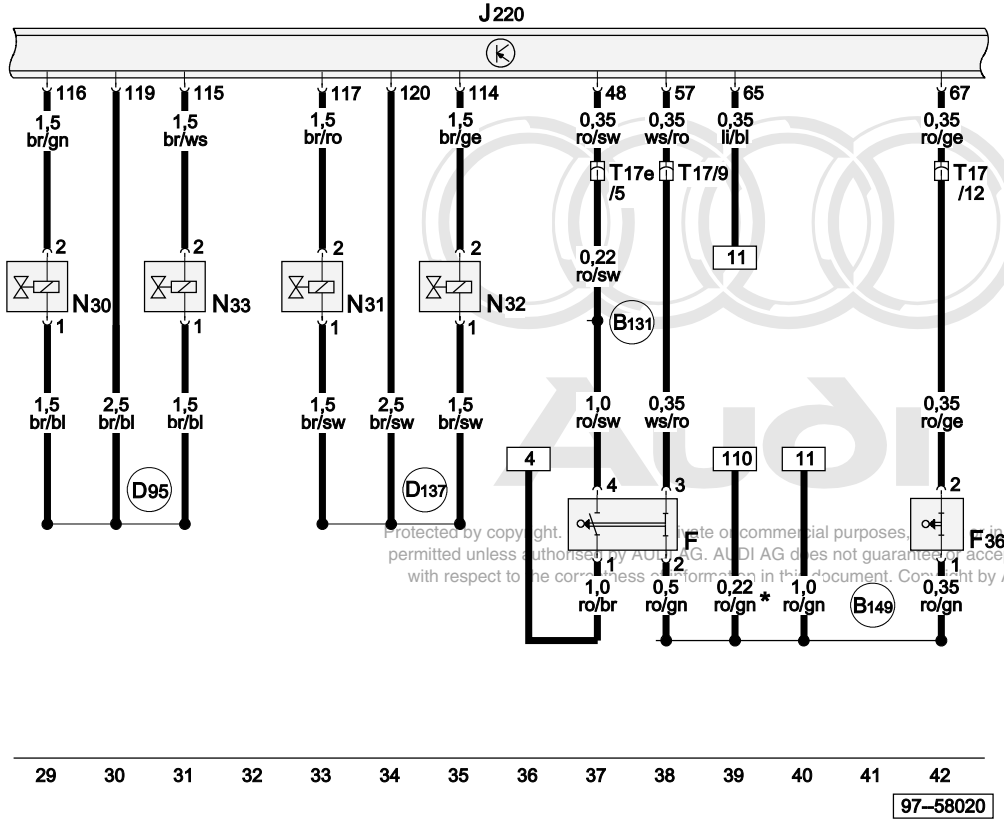
Brake light switch, clutch pedal switch, Motronic control unit, injectors

F	Brake light switch
F36	Clutch pedal switch
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
B131	Connection (54), in interior wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
D95	Connection (injectors), in engine compartment wiring harness
D137	Connection -2- (injectors), in engine compartment wiring harness
*	Only applies to models with cruise control system



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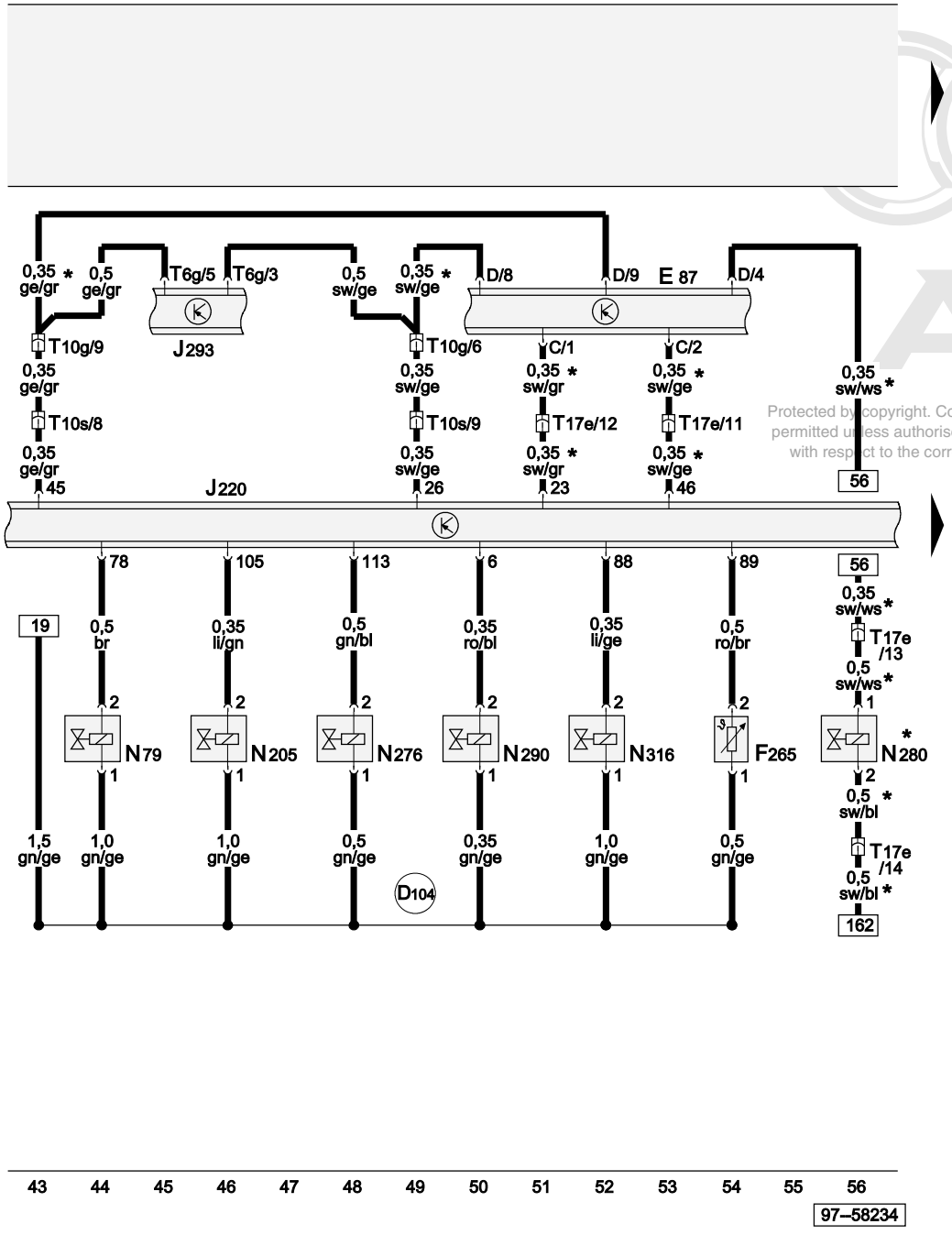

Inlet camshaft timing adjustment valve -1-, fuel pressure regulating valve, fuel metering valve, intake manifold flap air flow control valve

E87	Air conditioning system/Climatronic operating and display unit
F265	Map-controlled engine cooling thermostat
J220	Motronic control unit
J293	Radiator fan control unit
N79	Heater element (crankcase breather)
N205	Inlet camshaft timing adjustment valve -1-
N276	Fuel pressure regulating valve
N280	Air conditioning system compressor regulating valve
N290	Fuel metering valve
N316	Intake manifold flap air flow control valve
T6g	6-pin connector, black, on radiator fan control unit
T10g	10-pin connector, grey, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
D104	Positive (+) connection -2- (30a), in engine compartment wiring harness
*	Only applies to models with air conditioning system

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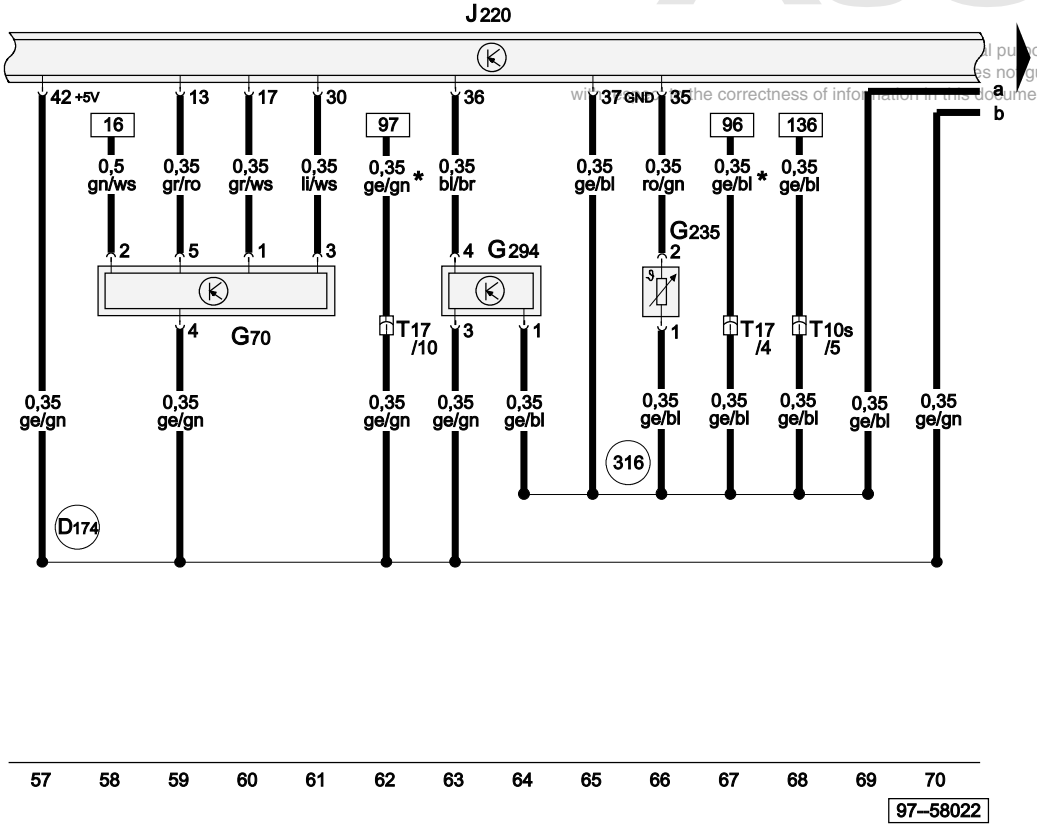
Air mass meter, exhaust gas temperature sender -1-, brake servo pressure sensor, Motronic control unit

G70	Air mass meter
G235	Exhaust gas temperature sender -1-
G294	Brake servo pressure sensor
J220	Motronic control unit
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
316	Earth connection (sender earth -2-), in engine wiring harness
D174	Connection -2- (5V), in engine wiring harness
*	Only applies to models without air conditioning system



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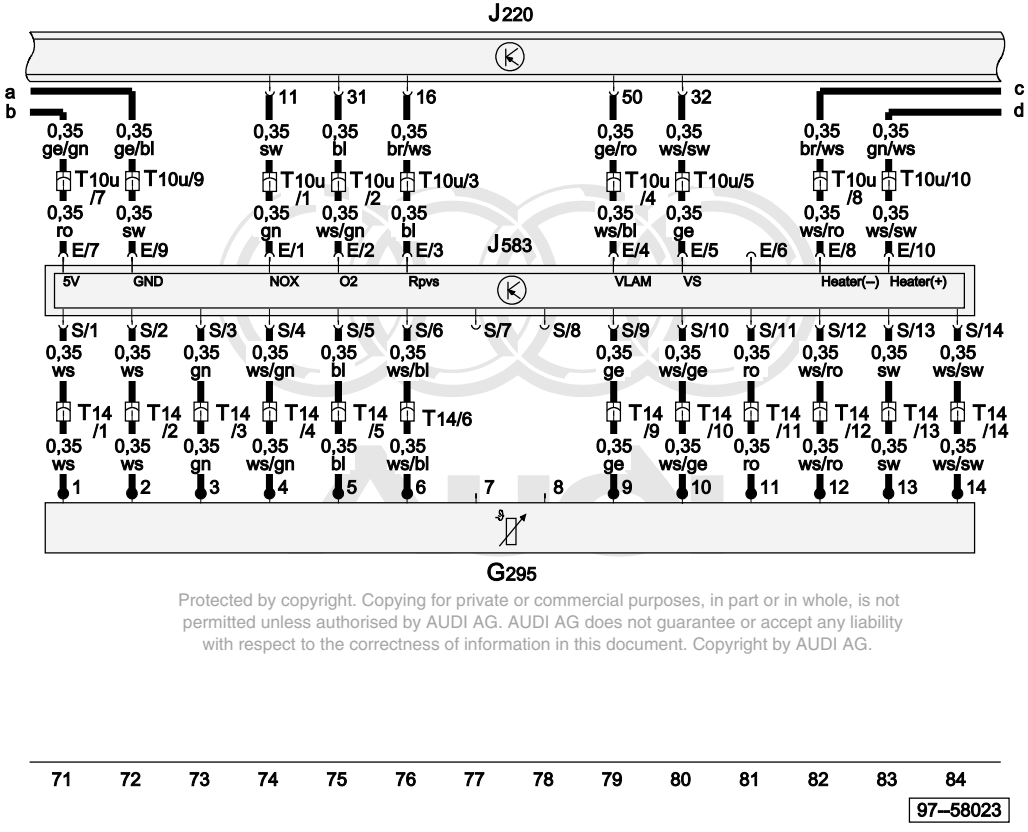
NOx sender, Motronic control unit, NOx sensor control unit

G295	NOx sender
J220	Motronic control unit
J583	NOx sensor control unit
T10u	10-pin connector, black, in intermediate floor panel, under driver's seat
T14	14-pin connector, black, in intermediate floor panel, under driver's seat



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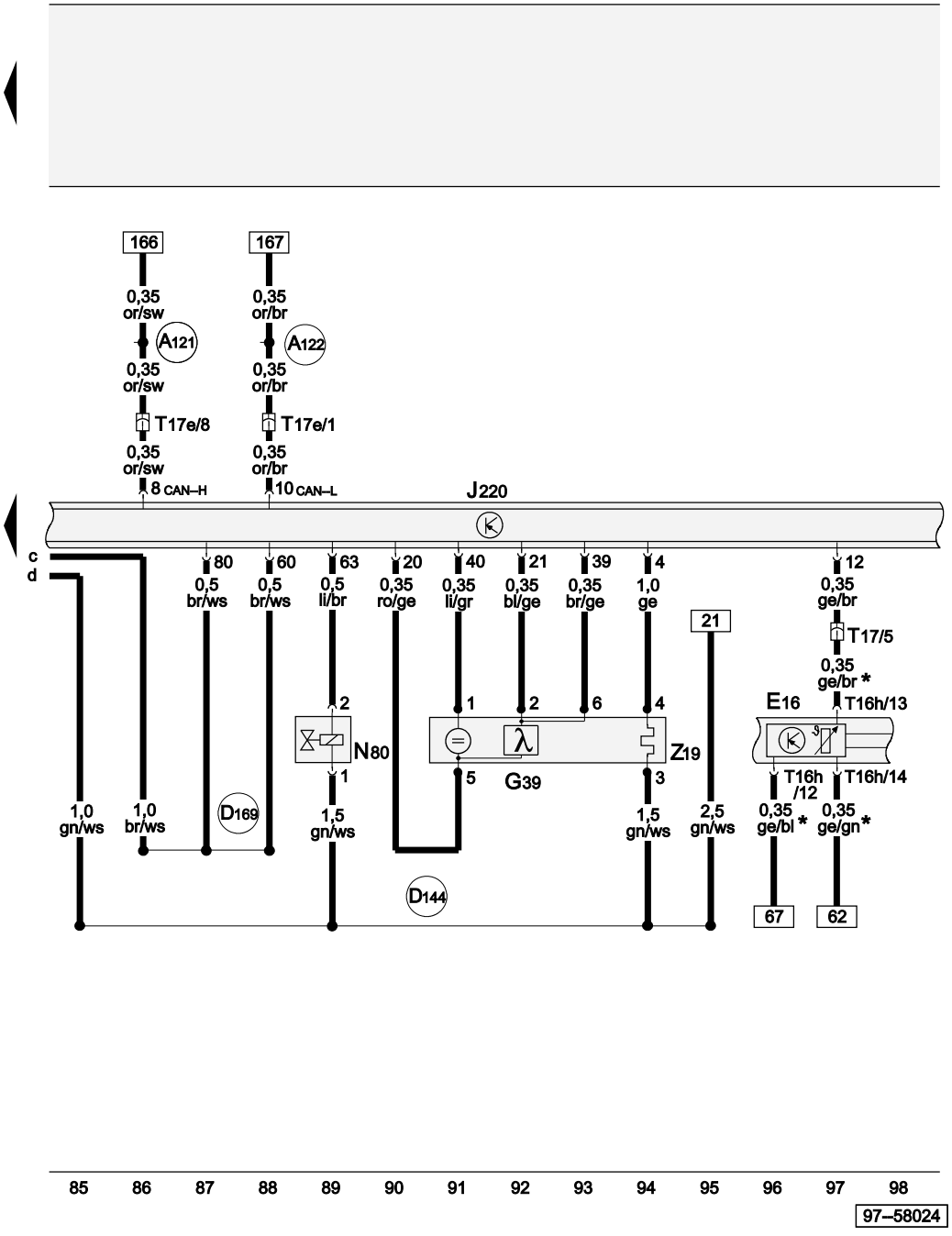

Heater/heat output switch, lambda probe, activated charcoal filter system solenoid valve 1 (pulsed), lambda probe heater

E16	Heater/heat output switch
G39	Lambda probe
J220	Motronic control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T16h	16-pin connector, black, on heater controls
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
Z19	Lambda probe heater
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D144	Positive (+) connection -5- (30), in engine compartment wiring harness
D169	Connection (NOx), in engine compartment wiring harness
*	Only applies to models without air conditioning system

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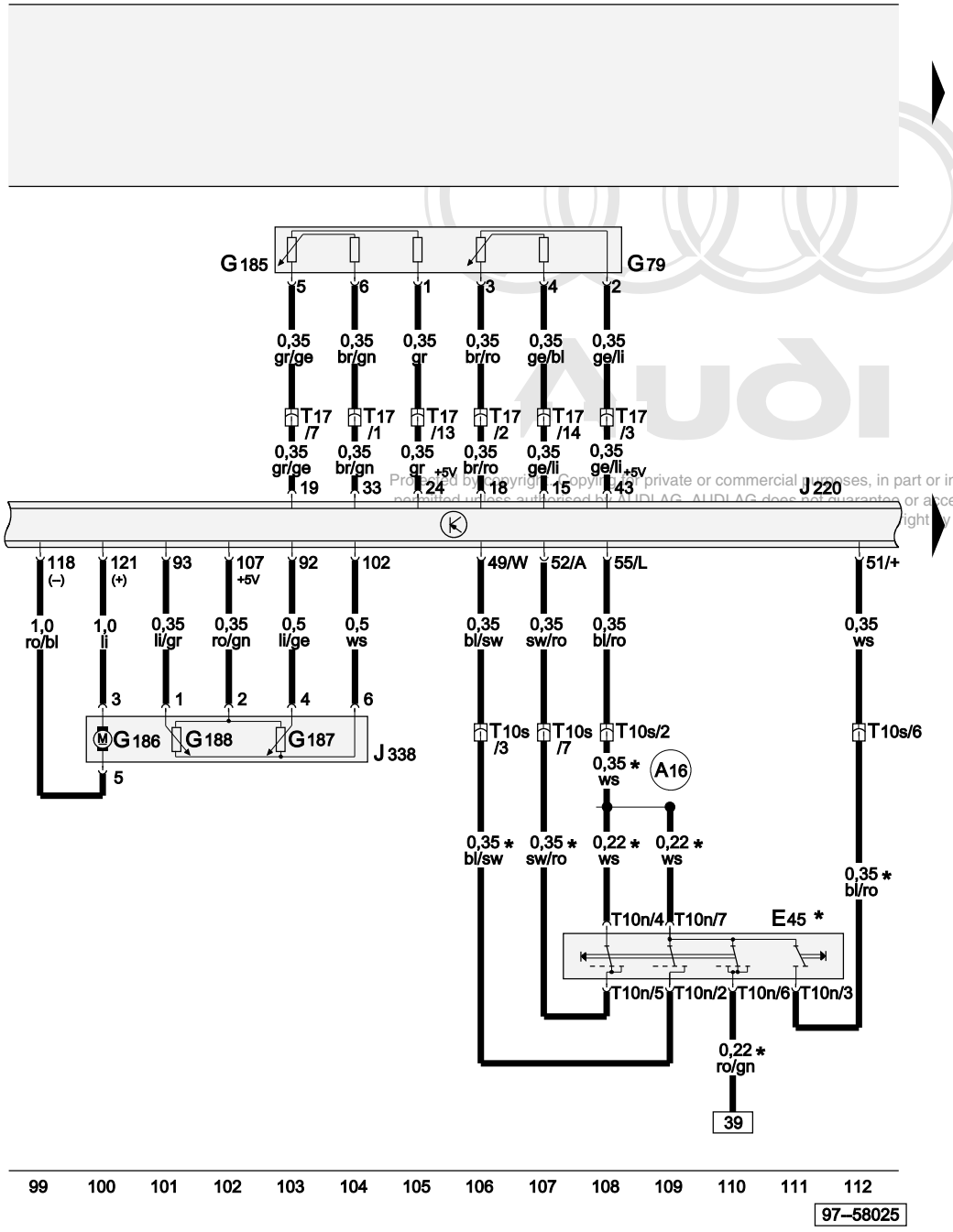

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Cruise control system switch, accelerator pedal position senders, Motronic control unit, throttle valve module

E45	Cruise control system switch
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
G186	Throttle valve drive (electric power control)
G187	Throttle valve drive angle sender -1- (electric power control)
G188	Throttle valve drive angle sender -2- (electric power control)
J220	Motronic control unit
J338	Throttle valve module
T10n	10-pin connector, black, behind steering column switch trim
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
A16	Connection (cruise control system), in dash panel wiring harness
*	Only applies to models with cruise control system

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Coolant temperature senders, engine speed sender, Hall sender, knock sensor I, intake manifold pressure sender

G2	Coolant temperature sender
G28	Engine speed sender
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit
T17	17-pin connector, brown, in footwell, front left
220	Earth connection (sender earth), in engine wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
D141	Connection (5V), in engine wiring harness

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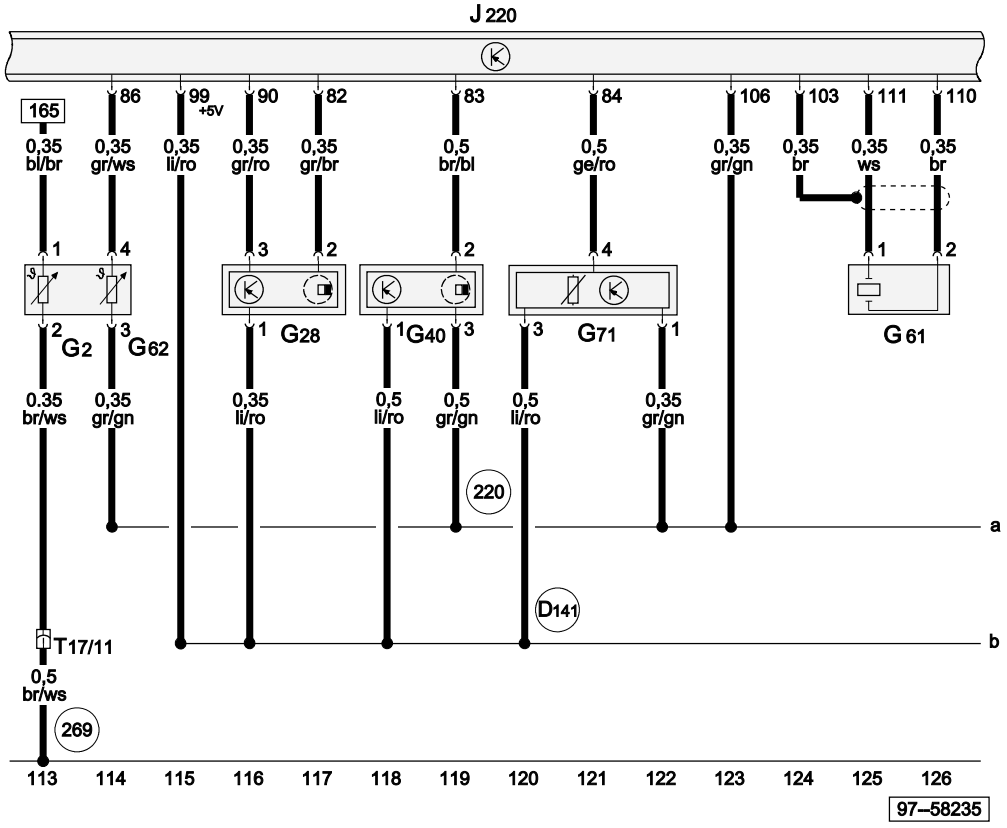

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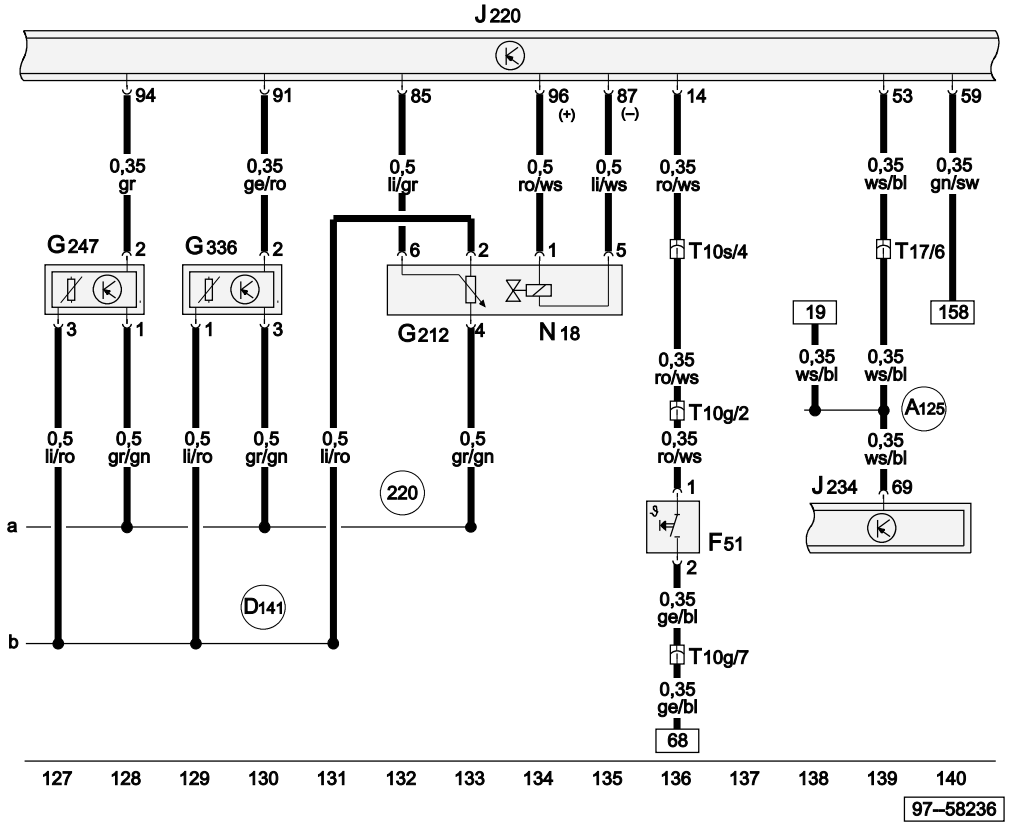
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Thermo-switch for coolant circulation, exhaust gas recirculation potentiometer, fuel pressure sender, intake manifold flap potentiometer

F51	Thermo-switch for coolant circulation
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J220	Motronic control unit
J234	Airbag control unit
N18	Exhaust gas recirculation valve
T10g	10-pin connector, grey, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
220	Earth connection (sender earth), in engine wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D141	Connection (5V), in engine wiring harness



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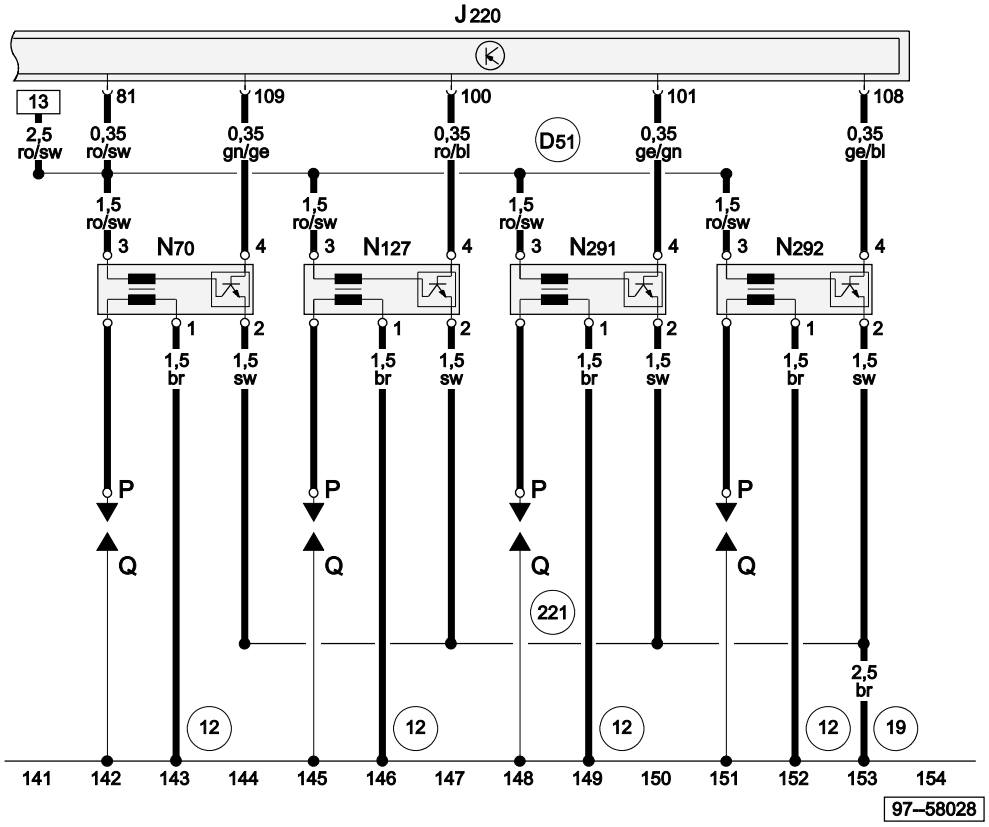
Motronic control unit, ignition coils with output stage, spark plug connector, spark plugs

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
12	Earth point, in engine compartment, left
19	Earth point, near ignition coil
221	Earth connection (engine earth), in engine wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness



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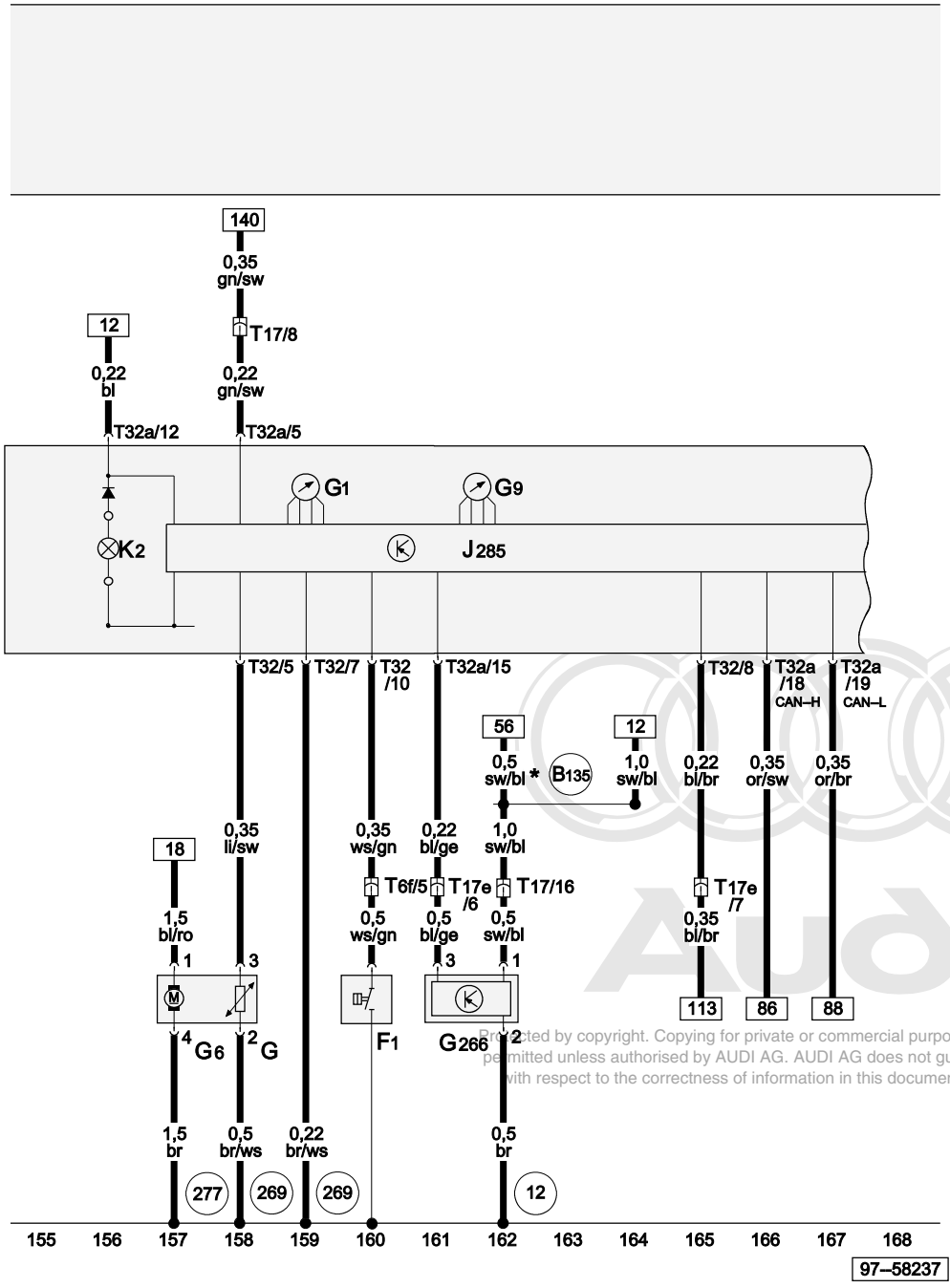

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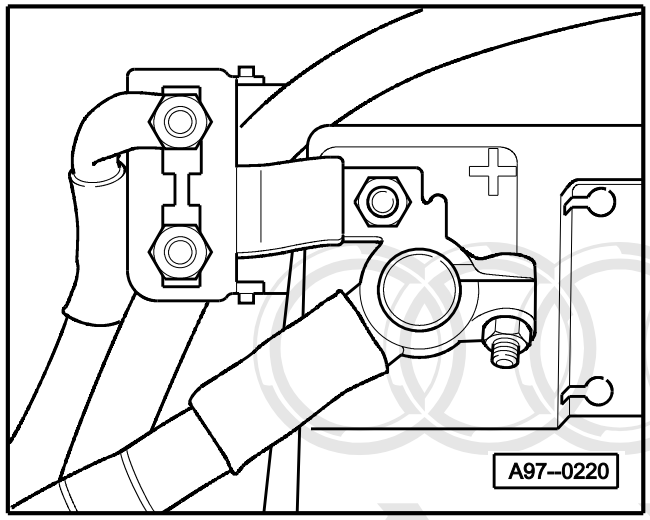
Oil pressure switch, fuel pump (pre-supply pump), oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G6	Fuel pump (pre-supply pump)
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
277	Earth connection -3-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioning system

1.4 litre fuel injection engine (55 kW - Magneti Marelli - 4-cylinder), engine code BBY

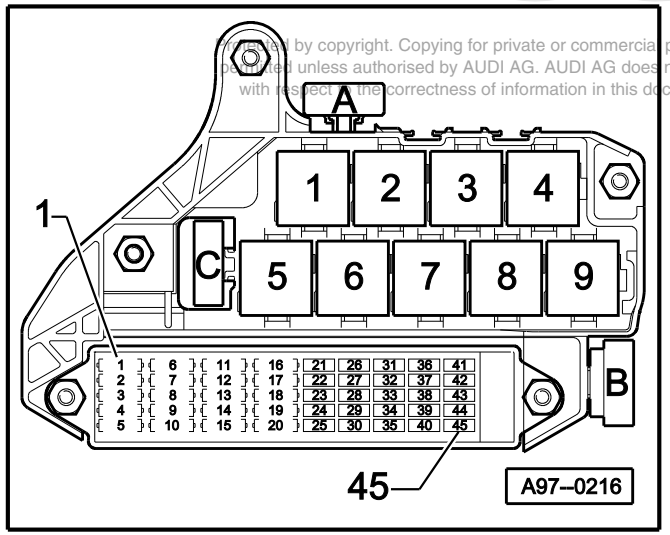
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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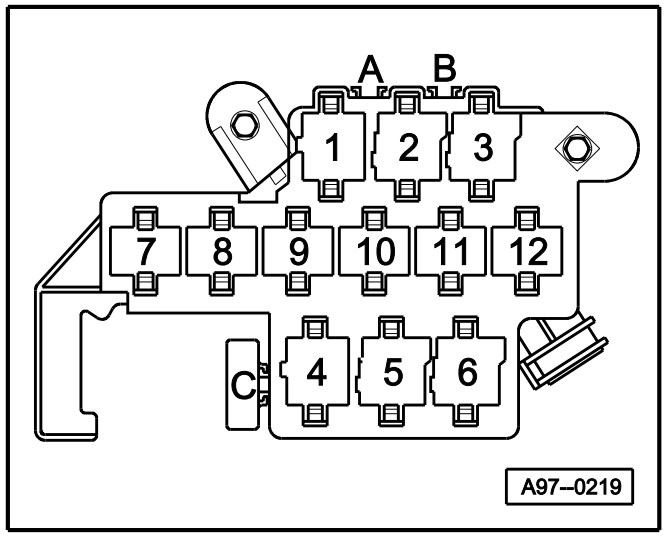
♦ In dash panel, driver's side

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

5 - Fuel pump relay (J17)

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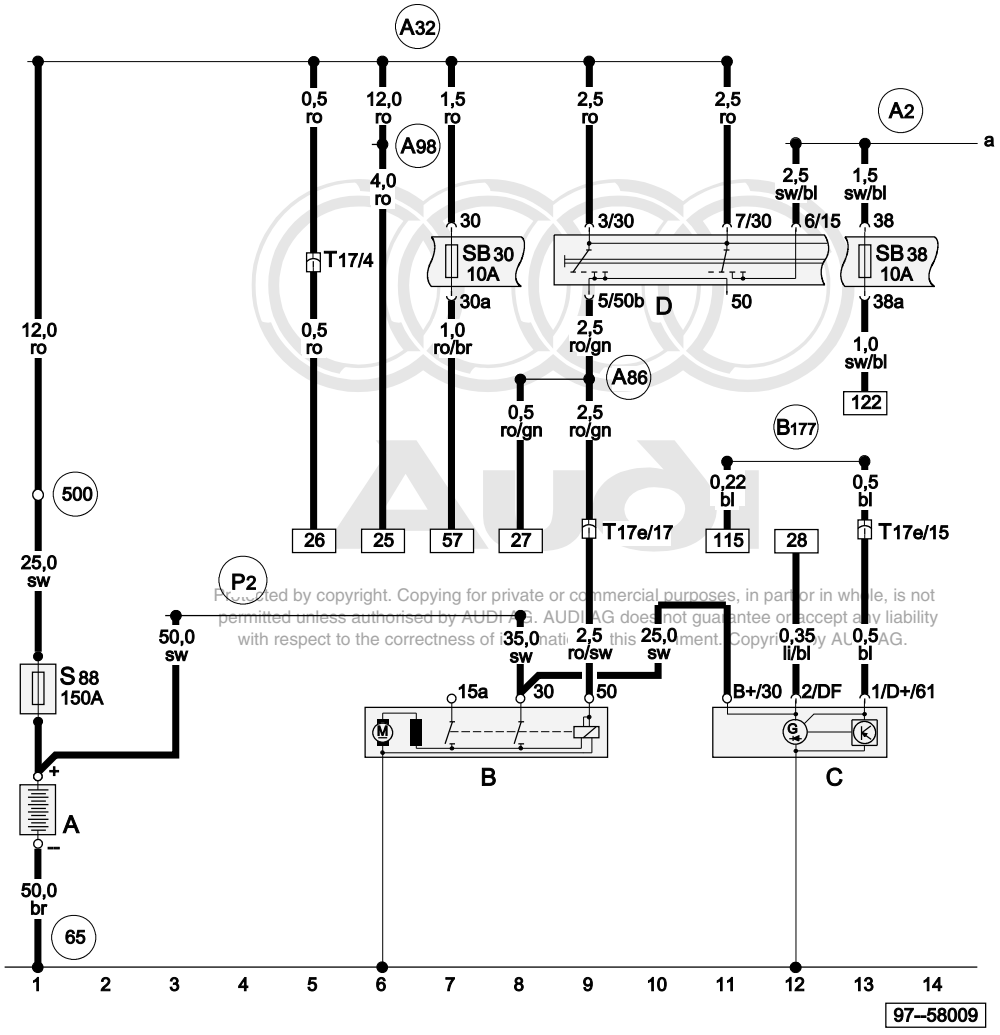
Battery, starter, alternator, ignition/starter switch, fuses on fuse box

A	Battery
B	Starter
C	Alternator
D	Ignition/starter switch
S88	Strip fuse
SB30	Fuse -30- on fuse box
SB38	Fuse -38- on fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B177	Connection (61), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness



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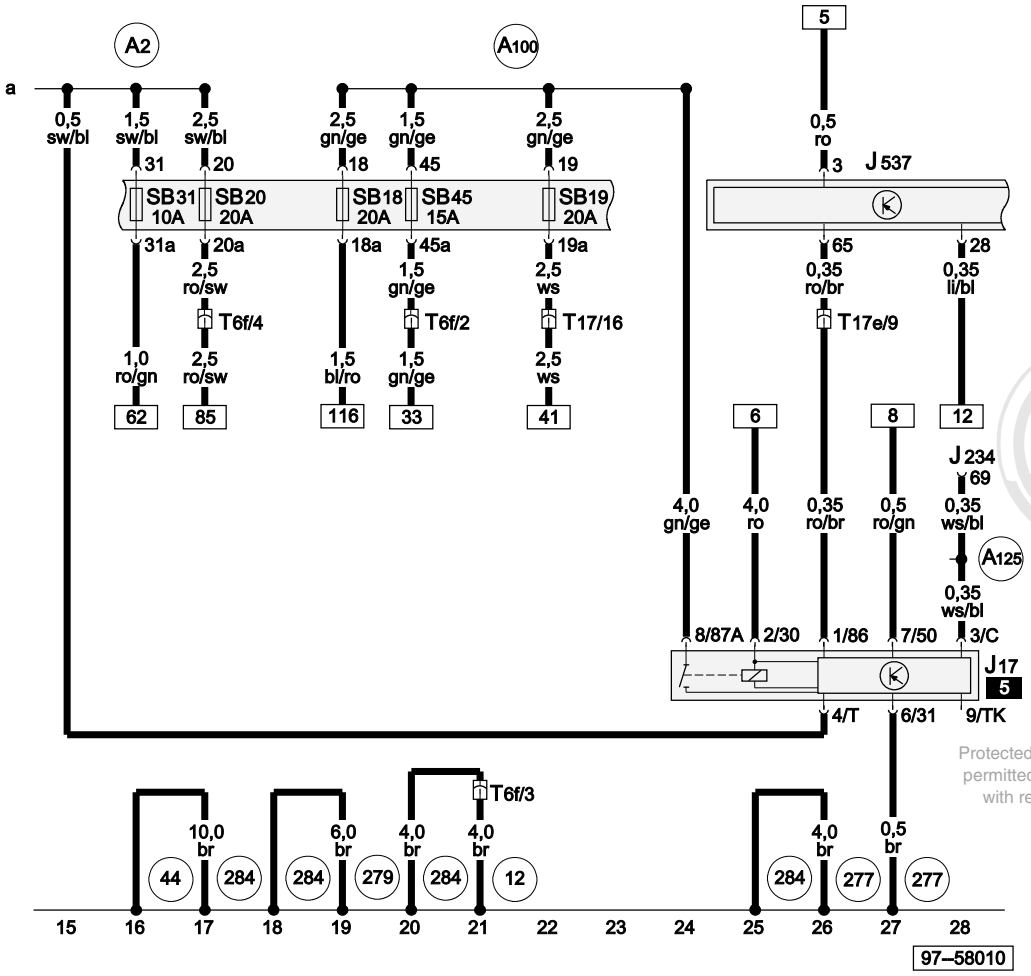
Fuel pump relay, airbag control unit, 4LV (injection system) control unit, fuses on fuse box

J17	Fuel pump relay
J234	Airbag control unit
J537	4LV (injection system) control unit
SB18	Fuse -18- on fuse box
SB19	Fuse -19- on fuse box
SB20	Fuse -20- on fuse box
SB31	Fuse -31- on fuse box
SB45	Fuse -45- on fuse box
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness



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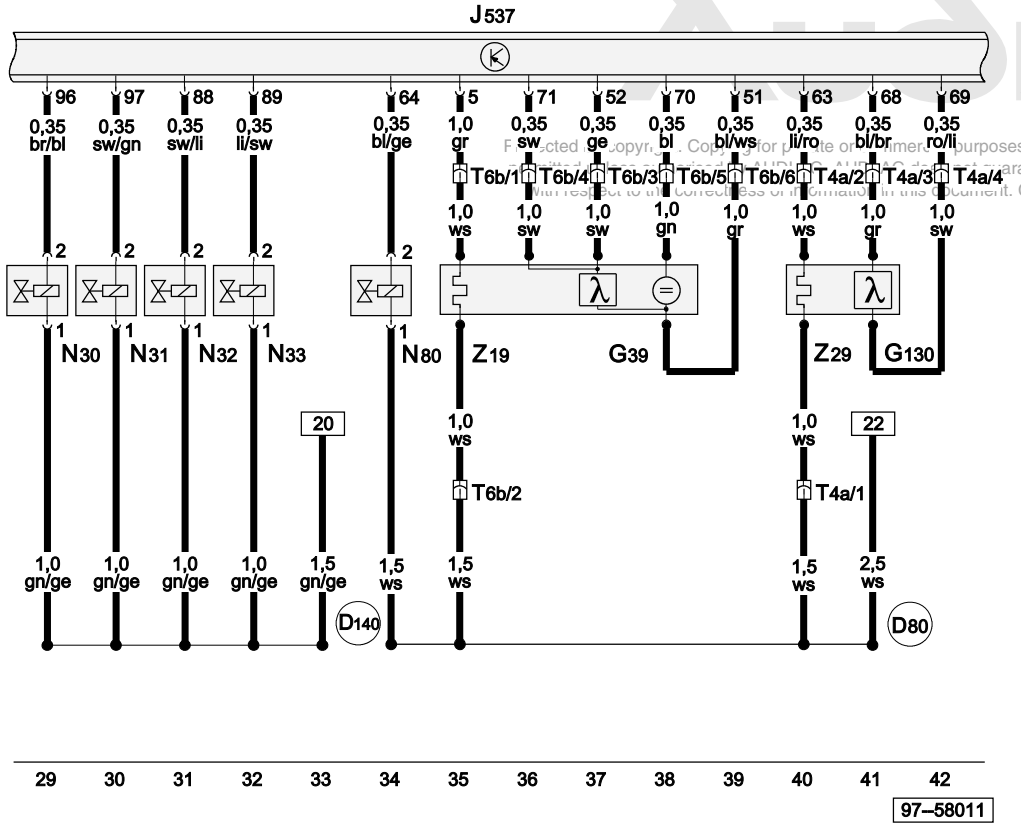
Lambda probe, lambda probe downstream of catalytic converter, injectors, activated charcoal filter system solenoid valve 1 (pulsed)

G39	Lambda probe
G130	Lambda probe downstream of catalytic converter
J537	4LV (injection system) 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 (pulsed)
T4a	4-pin connector, brown, in engine compartment, left
T6b	6-pin connector, black, in engine compartment, right
Z19	Lambda probe heater
Z29	Lambda probe 1 heater, downstream of catalytic converter
D80	Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
D140	Connection (injectors), in engine wiring harness



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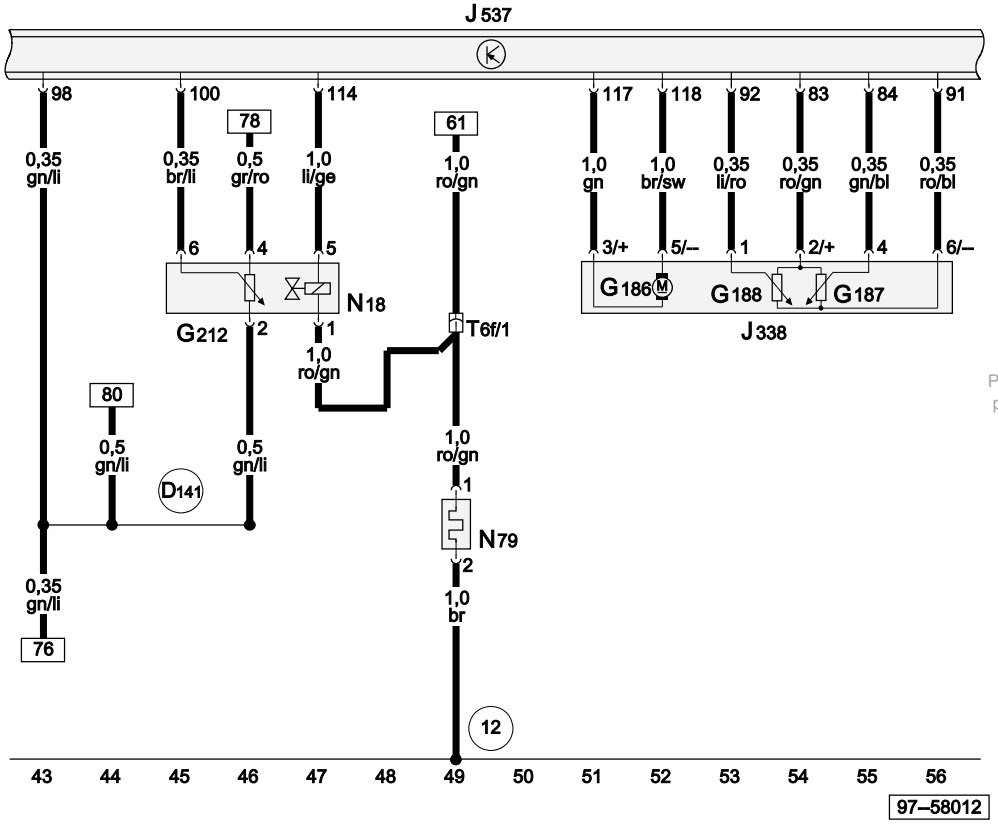
Exhaust gas recirculation potentiometer, throttle valve module, heater element (crankcase breather)

G186	Throttle valve drive (electric power control)
G187	Throttle valve drive angle sender -1- (electric power control)
G188	Throttle valve drive angle sender -2- (electric power control)
G212	Exhaust gas recirculation potentiometer
J338	Throttle valve module
J537	4LV (injection system) control unit
N18	Exhaust gas recirculation valve
N79	Heater element (crankcase breather)
T6f	6-pin connector, green, in footwell, front left
12	Earth point, in engine compartment, left
D141	Connection (5V), in engine wiring harness



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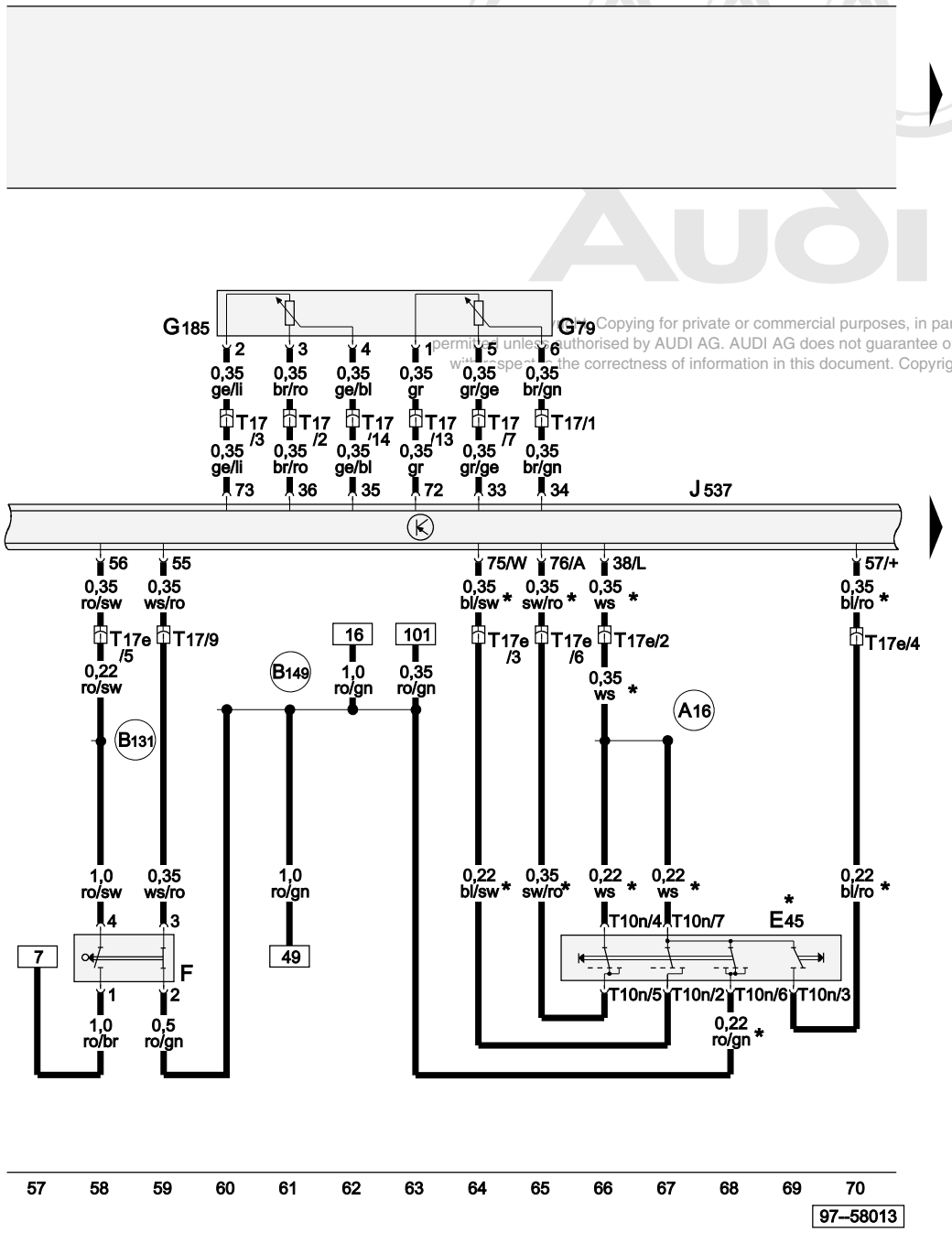

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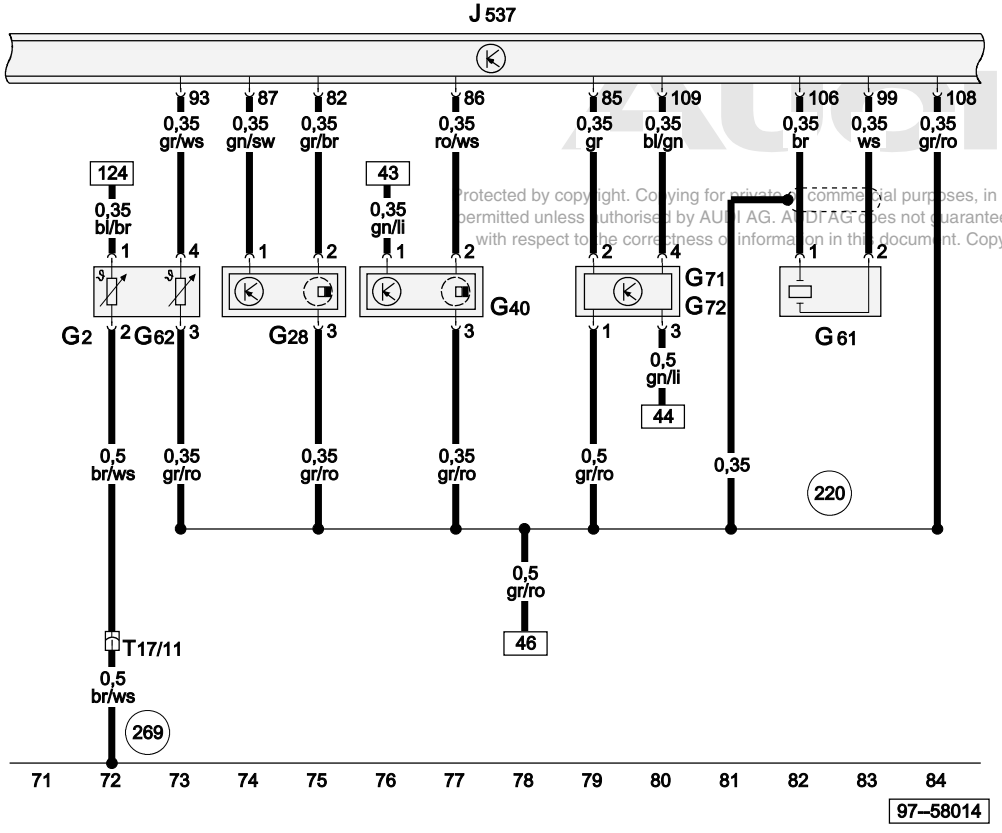
Cruise control system switch, brake light switch, accelerator pedal position senders, 4LV (injection system) control unit

E45	Cruise control system switch
F	Brake light switch
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J537	4LV (injection system) control unit
T10n	10-pin connector, black, behind steering column switch trim
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A16	Connection (cruise control system), in dash panel wiring harness
B131	Connection (54), in interior wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
*	Only applies to models with cruise control system

Coolant temperature senders, engine speed sender, Hall sender, knock sensor, intake manifold pressure sender

G2	Coolant temperature sender
G28	Engine speed sender
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J537	4LV (injection system) control unit
T17	17-pin connector, brown, in footwell, front left
220	Earth connection (sender earth), in engine wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness



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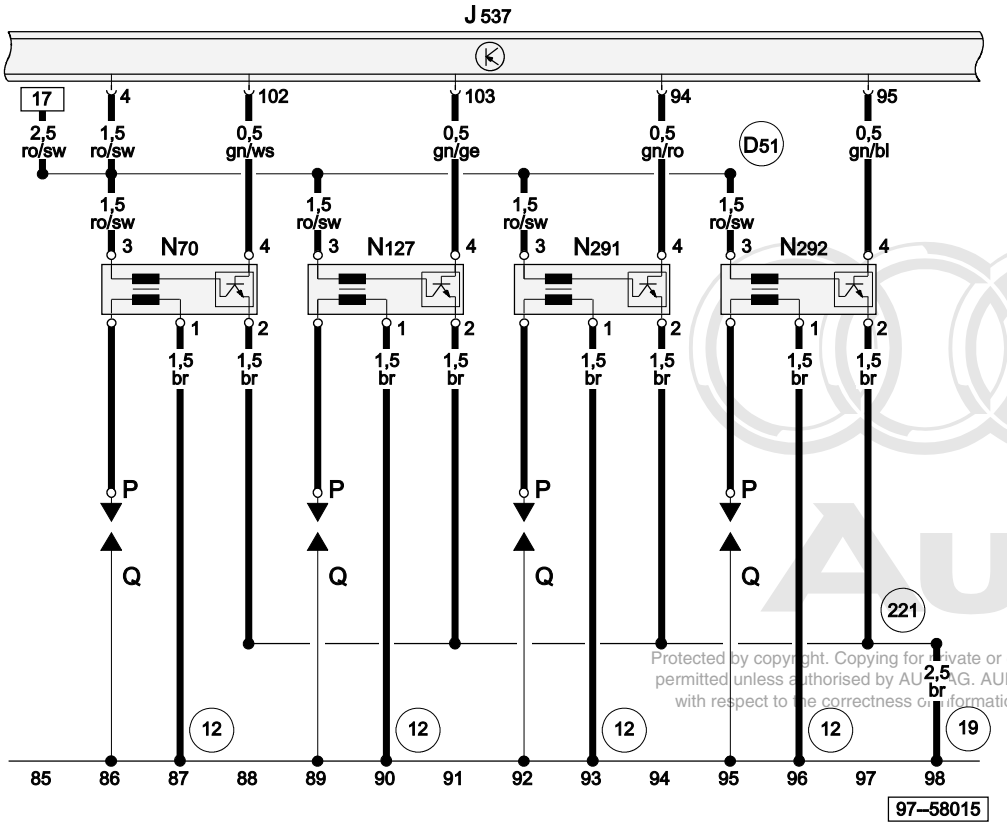
4LV (injection system) control unit, ignition coils with output stage, spark plug connector, spark plugs

J537	4LV (injection system) 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
12	Earth point, in engine compartment, left
19	Earth point, near ignition coil
221	Earth connection (engine earth), in engine wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness



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Air conditioning system/Climatronic operating and display unit, clutch pedal switch, 4LV (injection system) control unit

E87	Air conditioning system/Climatronic operating and display unit
F36	Clutch pedal switch
J537	4LV (injection system) control unit
N280	Air conditioning system compressor regulating valve
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only applies to models with air conditioner

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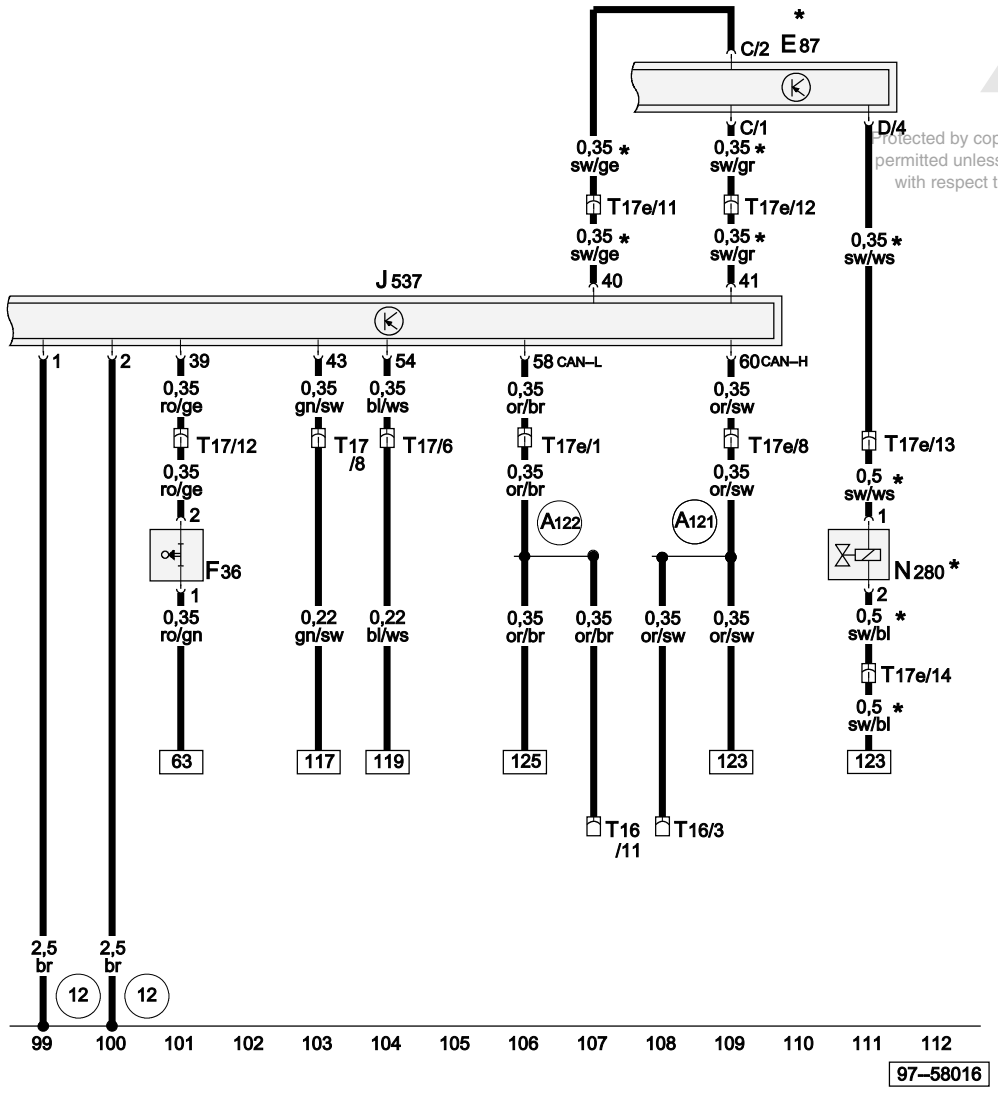

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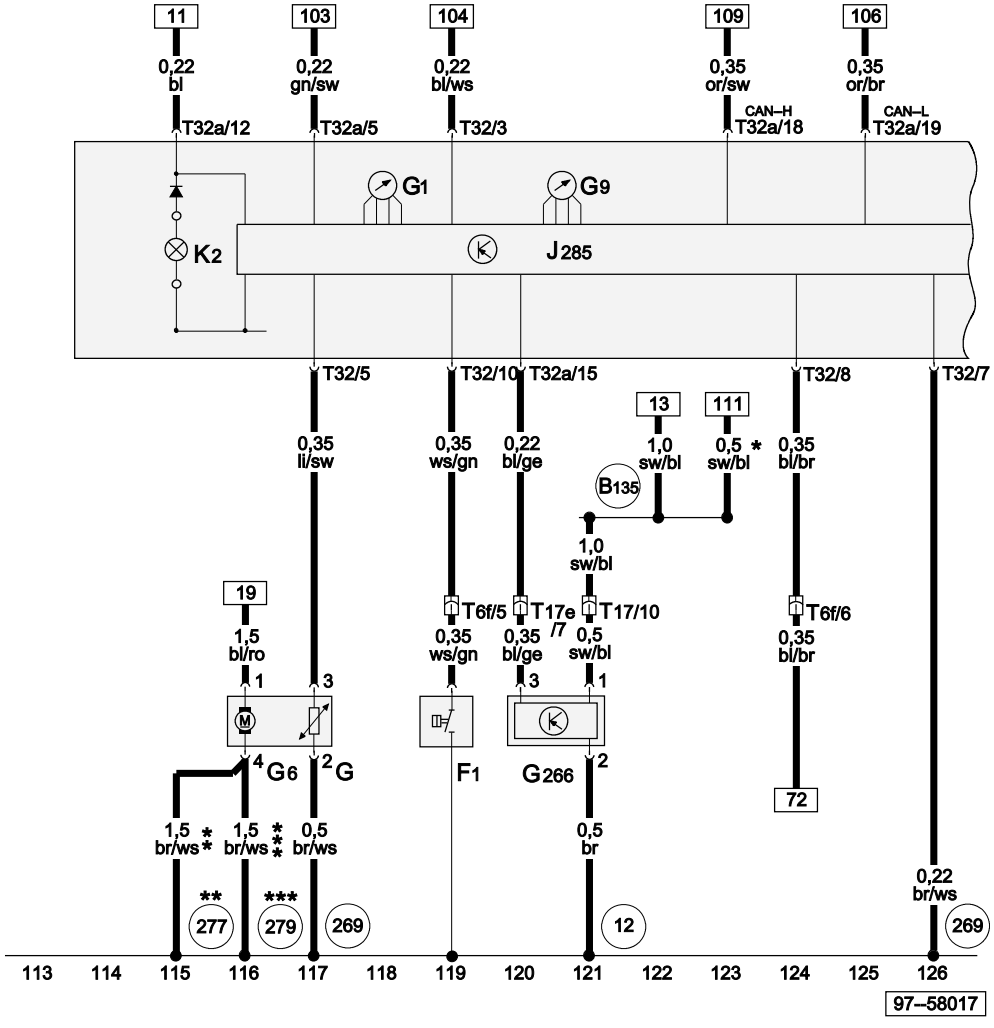
Oil pressure switch, fuel pump (pre-supply pump), oil level/oil temperature sender, control unit with display in dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G6	Fuel pump (pre-supply pump)
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioner
**	No longer fitted, phased-in modification
***	Phased-in modification

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Oil pressure switch, fuel pump (pre-supply pump), oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G266	Oil level/oil temperature sender
J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
85	Earth connection -1-, in engine compartment wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
277	Earth connection -3-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioner

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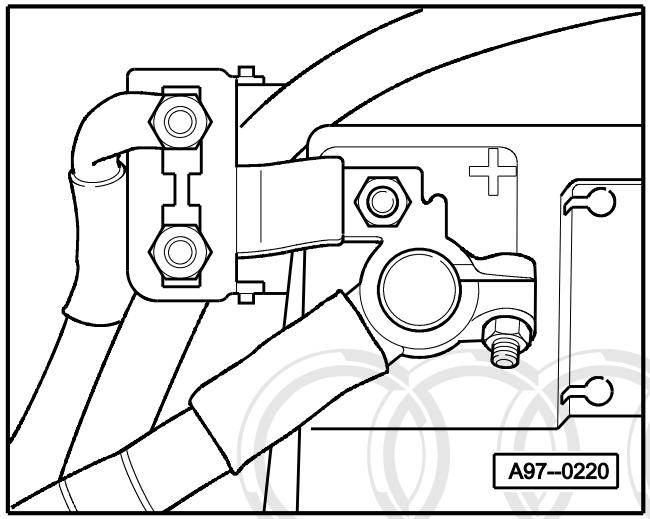
97-56607

Radiator fan control - 350W

⇒ **1.6 litre FSI engine (81 kW - Motronic - 4-cylinder), engine code BAD**

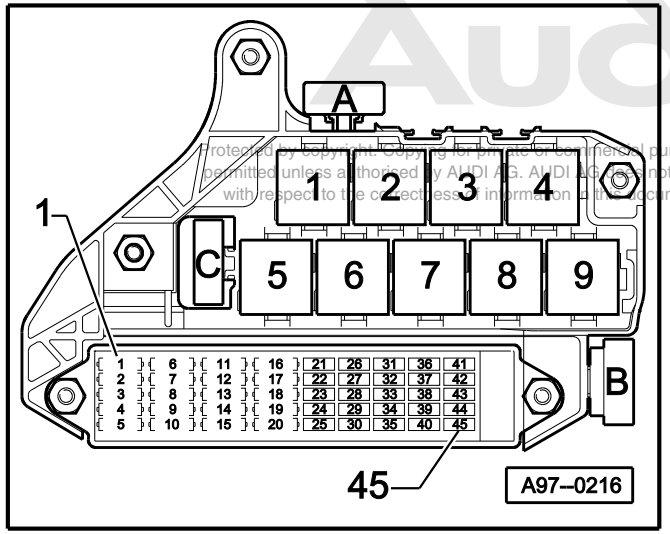
From model year 2003

Main fuse



♦ On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

C - Radiator fan control unit fuse (S142)

Fuse colours

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

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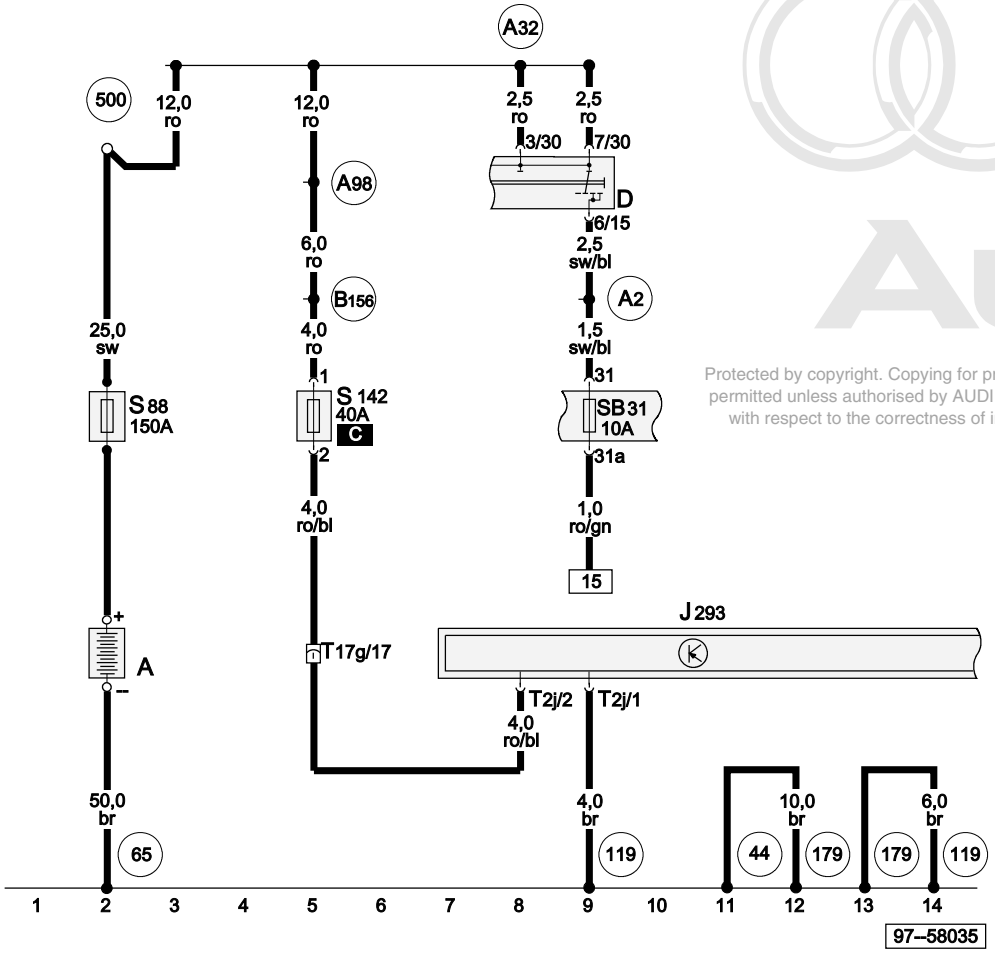
Battery, ignition/starter switch, radiator fan control unit, radiator fan control unit fuse

A	Battery
D	Ignition/starter switch
J293	Radiator fan control unit
S88	Strip fuse
S142	Radiator fan control unit fuse
SB31	Fuse -31- on fuse box
T2j	2-pin connector, black, on radiator fan control unit
T17g	17-pin connector, red, connector point, A pillar, left
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness



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ge = yellow
or = orange
rs = pink

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Air conditioning system/Climatronic operating and display unit, Motronic control unit, radiator fan control unit, radiator fan

E87	Air conditioning system/Climatronic operating and display unit
J220	Motronic control unit
J293	Radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
V7	Radiator fan
B149	Positive (+) connection -2- (15a), in interior wiring harness
*	Only applies to models with air conditioning system

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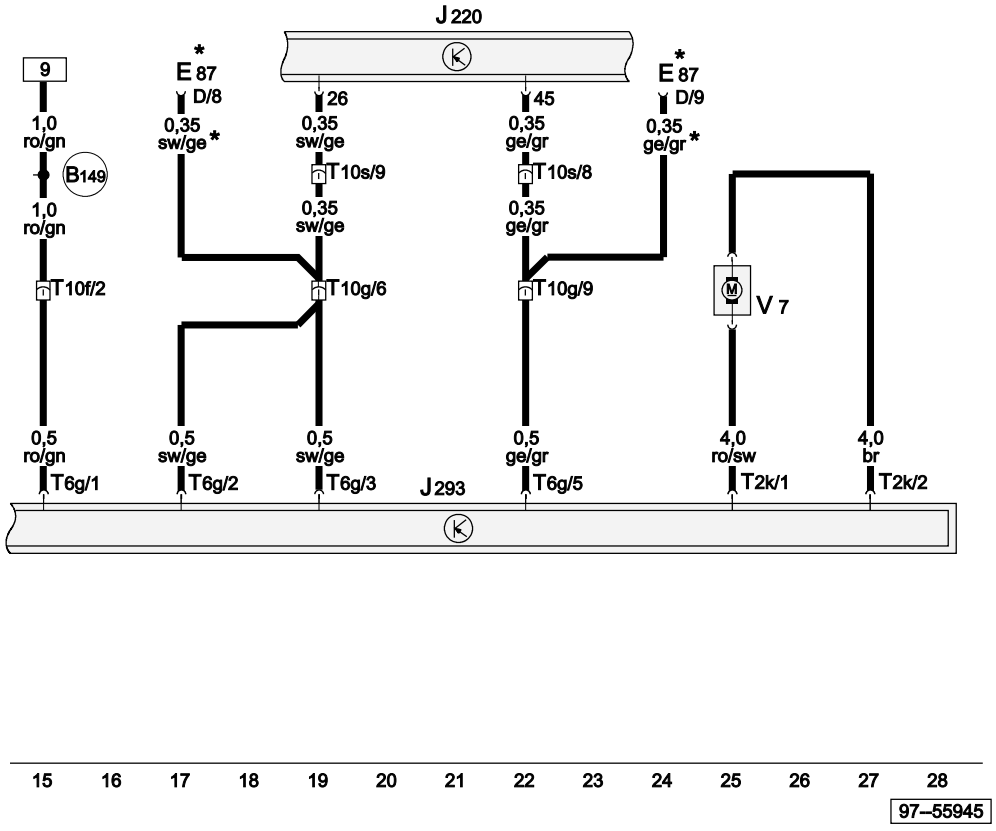

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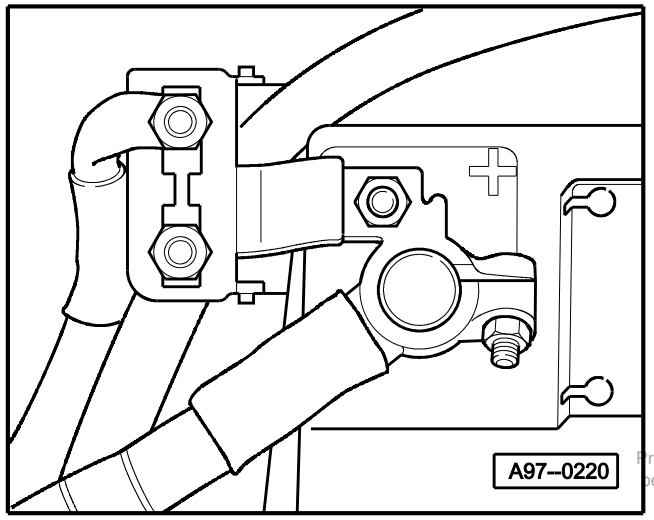
1.2 litre unit injector, TDI engine (45 kW - 3-cylinder), engine code ANY

From model year 2003

Main fuse



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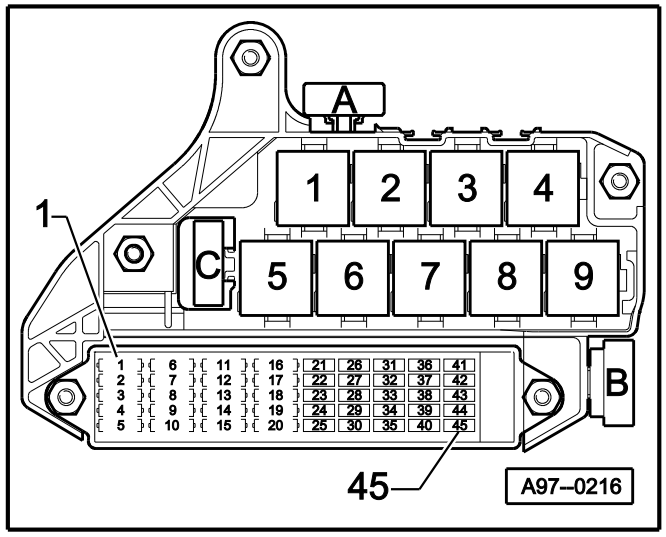
♦ On battery

9-point relay carrier, fuse box



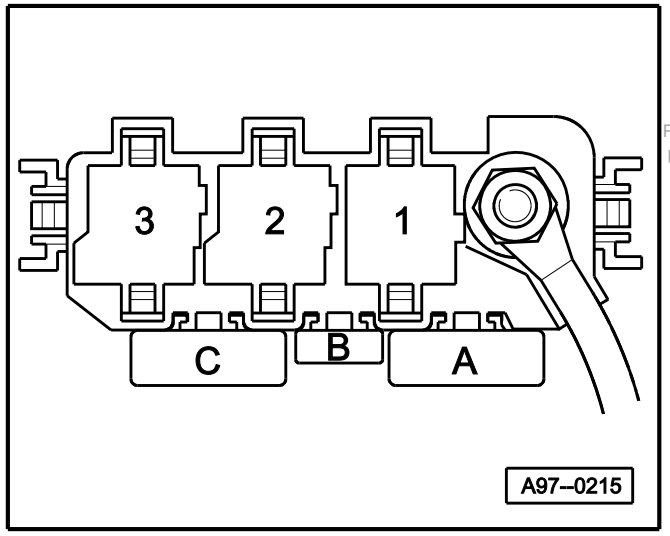
♦ In dash panel, driver's side

4 - High heat output relay (J360)
8 - Low heat output relay (J359)
B - Additional heater fuse (S126)

Fuse colours

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

3-point relay carrier



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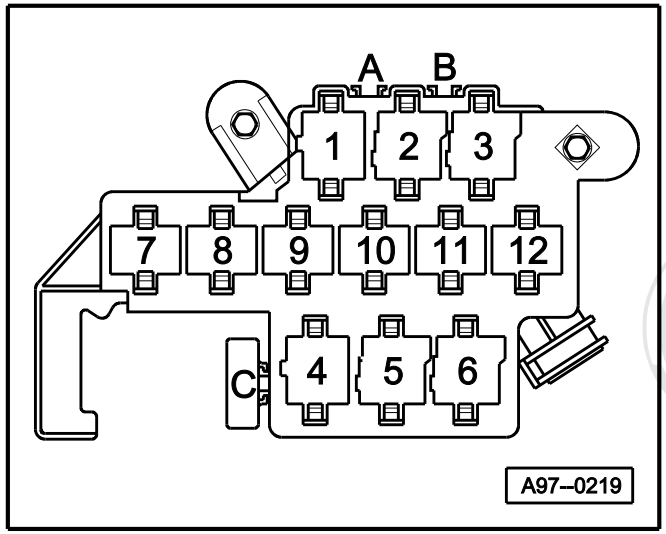
♦ In footwell, front left

1 - Relay for glow plugs (J52)
2 - Terminal 30 voltage supply relay (J317)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)

6+6-point relay carrier



◆ In footwell, front left

1 - Starter inhibitor and reversing light relay (J226)

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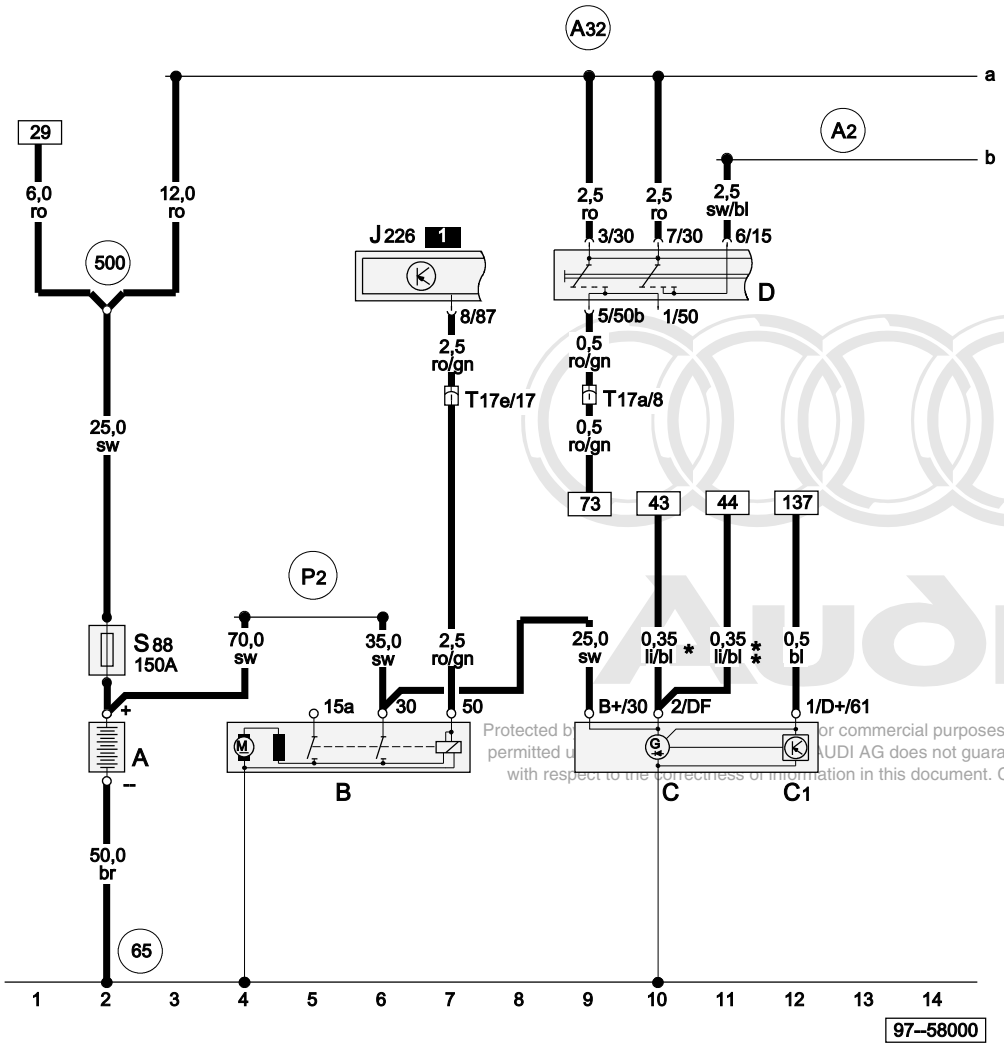

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br = brown
gn = green
bl = blue
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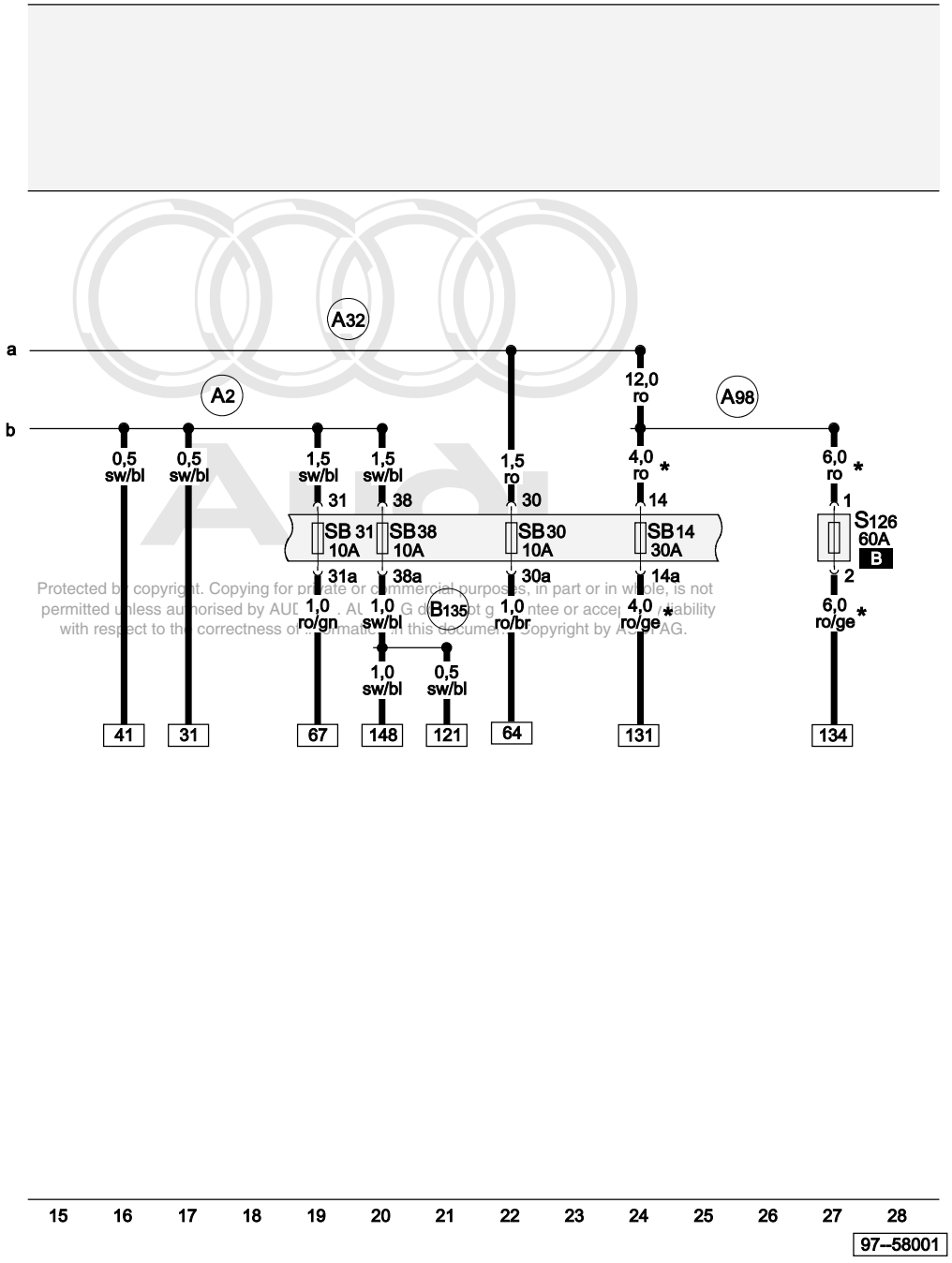
li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
S88	Strip fuse
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models without additional heater
**	Only applies to models with electric additional heater (PTC 900 W)



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Additional heater fuse, fuses on fuse box

S126 Additional heater fuse
SB14 Fuse -14- on fuse box
SB30 Fuse -30- on fuse box
SB31 Fuse -31- on fuse box
SB38 Fuse -38- on fuse box

A2 Positive (+) connection (15), in dash panel wiring harness

A32 Positive (+) connection (30), in dash panel wiring harness

A98 Positive (+) connection -4- (30), in dash panel wiring harness

B135 Connection -1- (15a), in interior wiring harness

* Only applies to models with electric additional heater (PTC 900 W)

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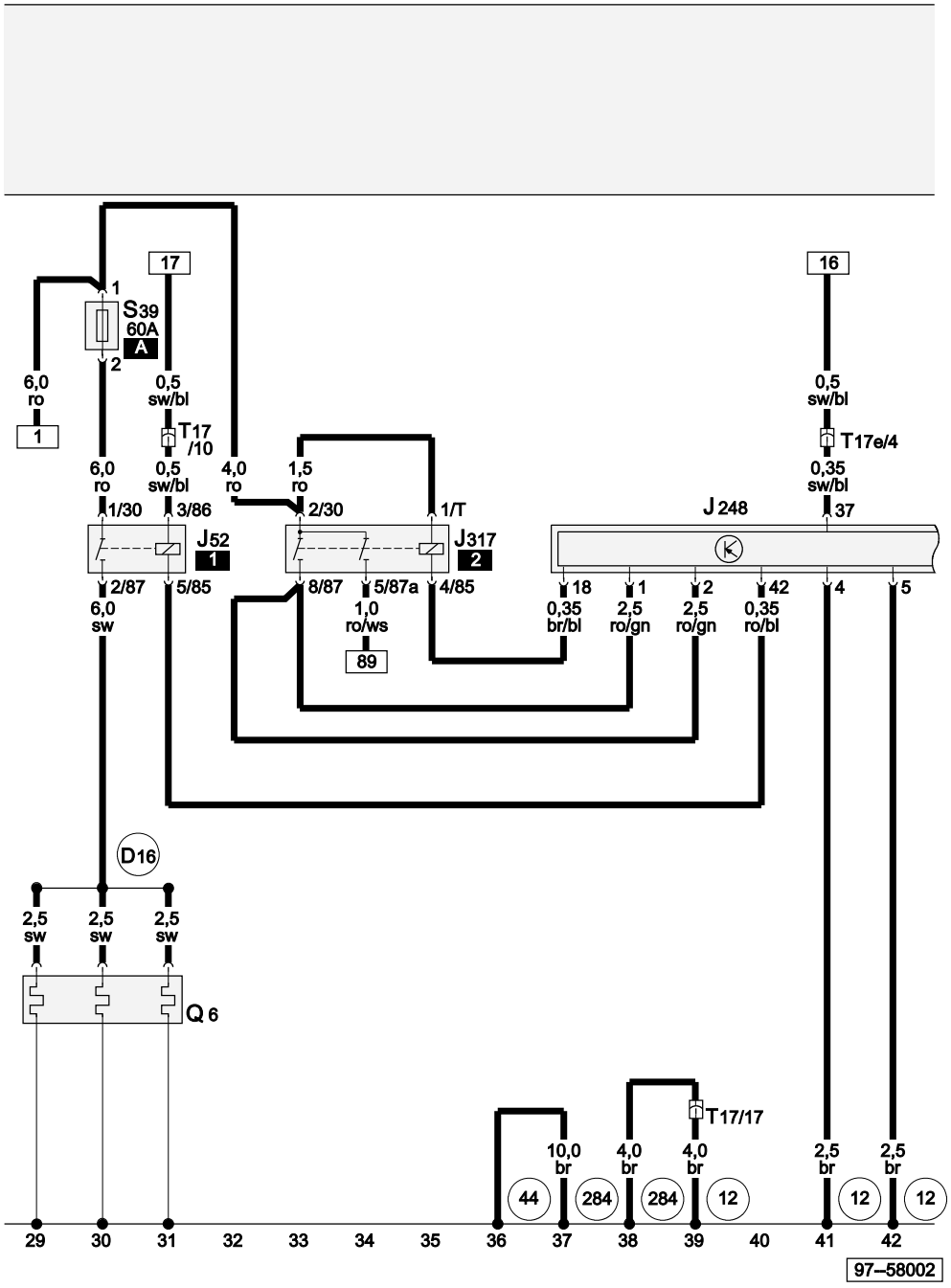

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Relay for glow plugs, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plugs - (engine)

J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q6	Glow plugs - (engine)
S39	Strip fuse for glow plugs - engine
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
284	Earth connection -6-, in interior wiring harness
D16	Connection (glow plugs), in front right wiring harness

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Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	Only applies to models without additional heater
**	Only applies to models with electric additional heater (PTC 900 W)

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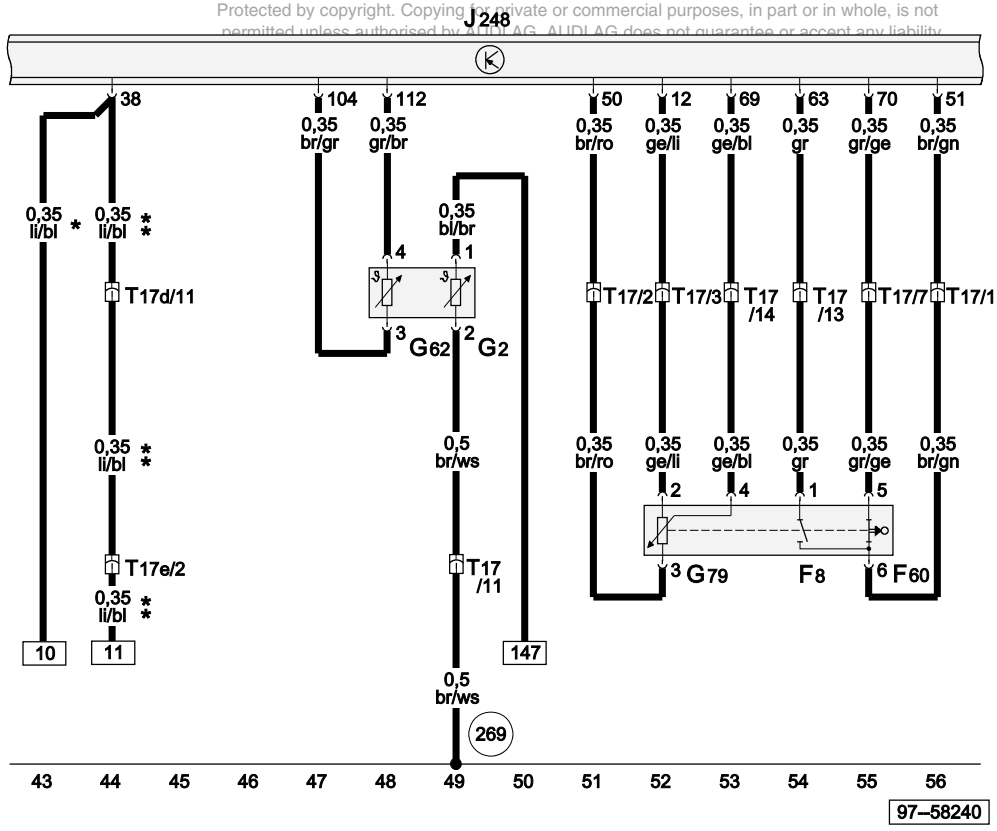

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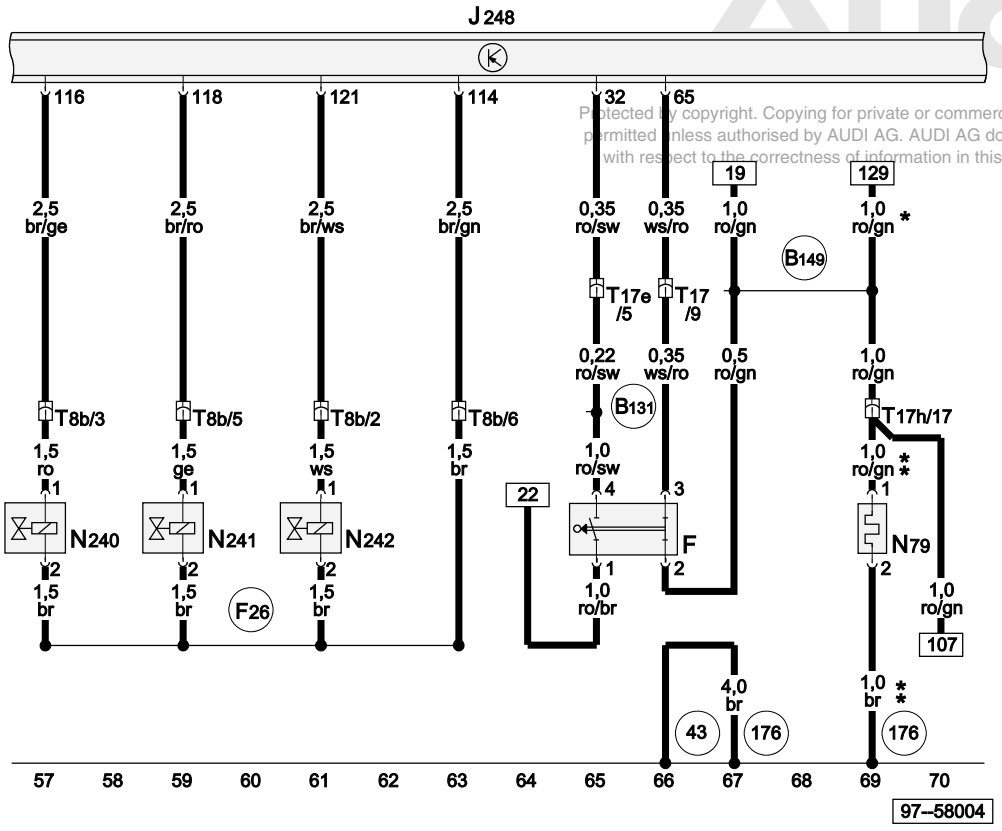
or	=	orange
rs	=	pink

Brake light switch, diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

F	Brake light switch
J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, No. 1 cylinder
N241	Unit injector solenoid valve, No. 2 cylinder
N242	Unit injector solenoid valve, No. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
43	Earth point, lower part of right A pillar
176	Earth connection, in right headlight wiring harness
B131	Connection (54), in interior wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with electric additional heater (PTC 900 W)
**	Only applies to models with heater element (crankcase breather)



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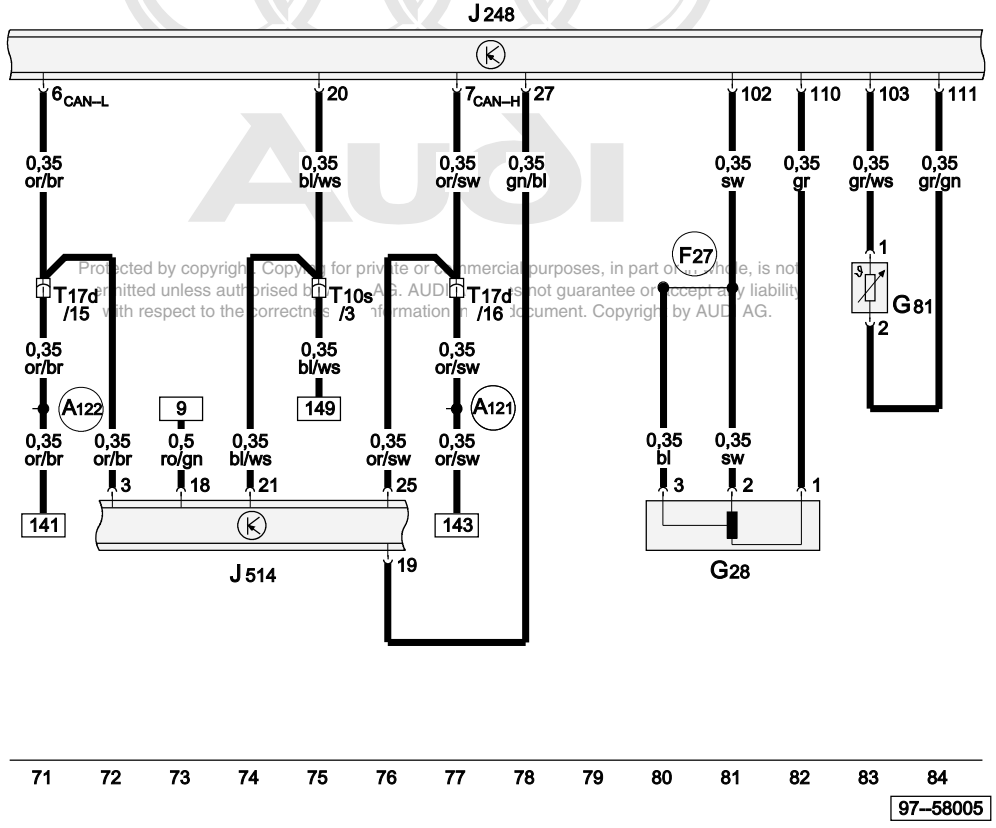
Engine speed sender, fuel temperature sender, diesel direct injection system control unit, electronic manual gearbox control unit

G28	Engine speed sender
G81	Fuel temperature sender
J248	Diesel direct injection system control unit
J514	Electronic manual gearbox control unit
T10s	10-pin connector, white, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
F27	Connection (screening), in diesel direct injection system wiring harness



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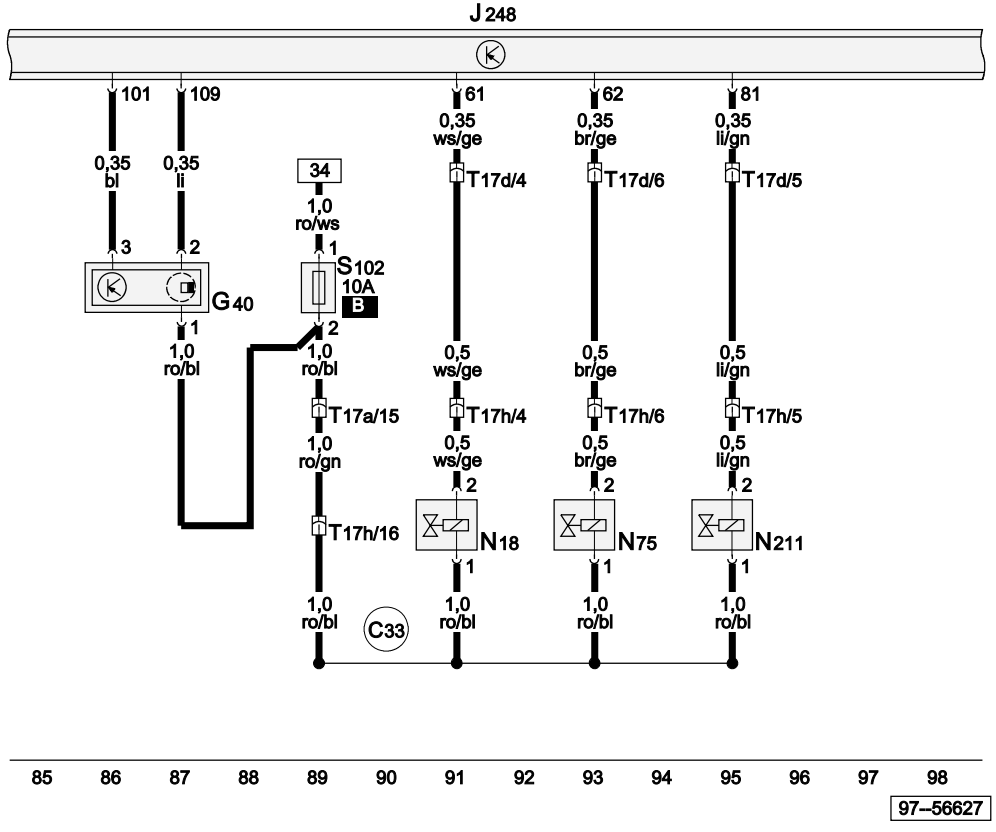
Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, throttle butterfly valve, engine control unit fuse

G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N211	Throttle butterfly valve
S102	Engine control unit fuse
T17a	17-pin connector, red, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
C33	Connection -5-, in headlight wiring harness



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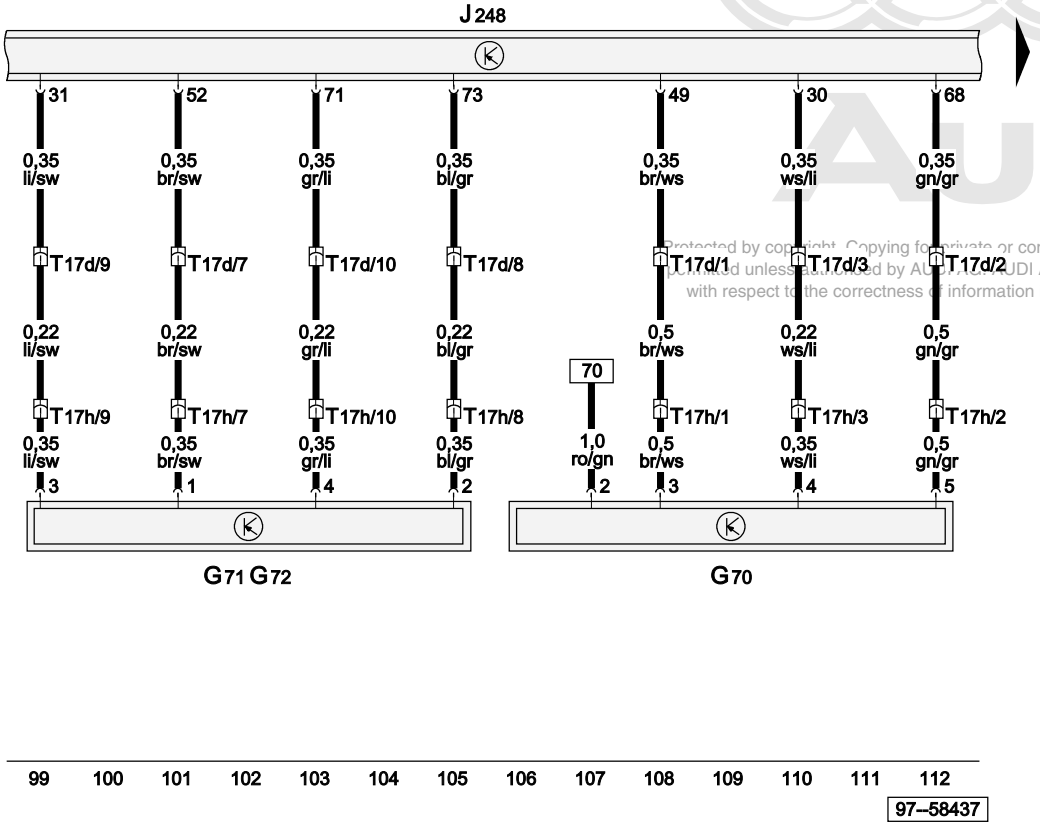
Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right



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Air conditioning system/Climatronic operating and display unit, airbag control unit, diesel direct injection system control unit

E87	Air conditioning system/Climatronic operating and display unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models with air conditioning system
**	Only applies to models without air conditioning system

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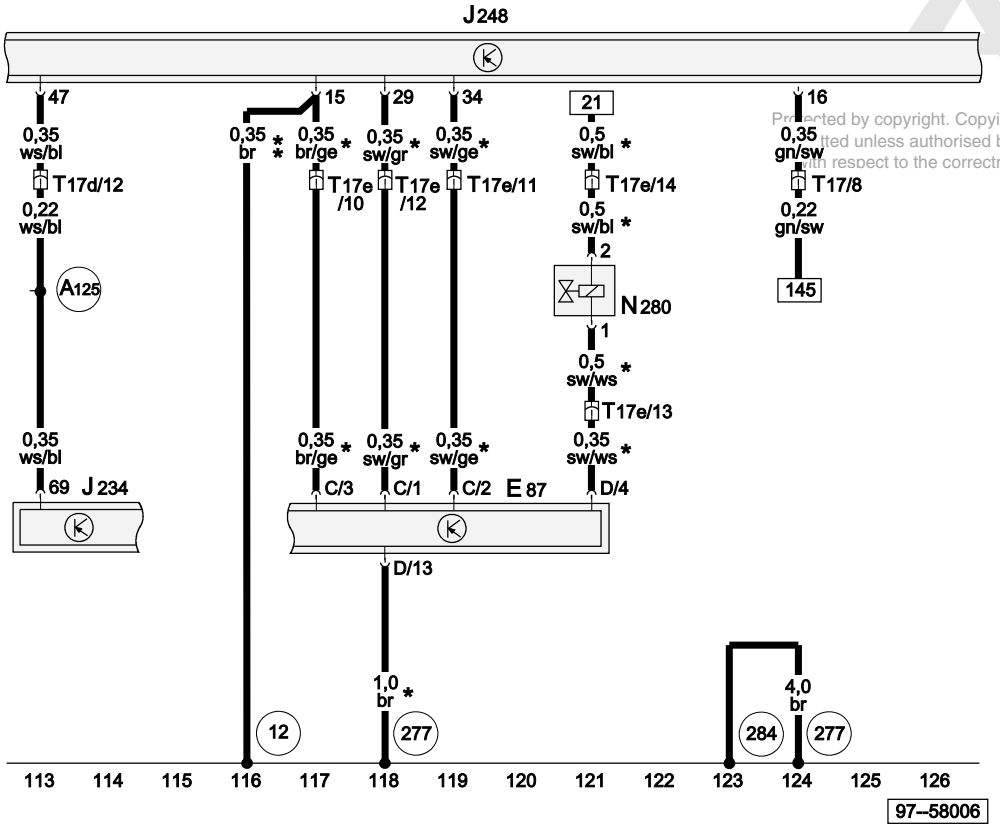

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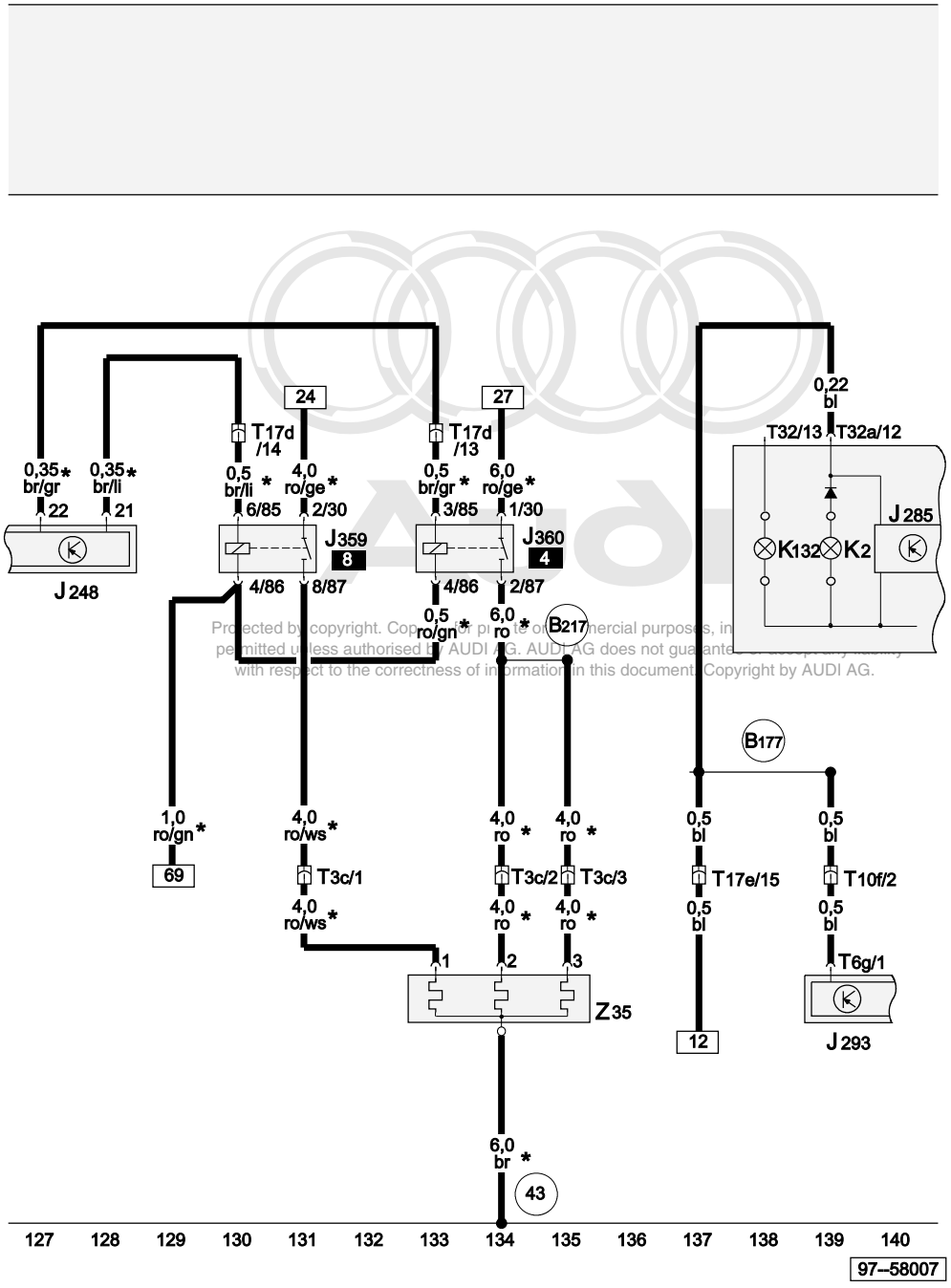

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Radiator fan control unit, low heat output relay, high heat output relay, additional heating heater element

J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T3c	3-pin connector, black, behind driver's storage compartment
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
B177	Connection (61), in interior wiring harness
B217	Connection (additional heater), in interior wiring harness
*	Only applies to models with electric additional heater (PTC 900 W)

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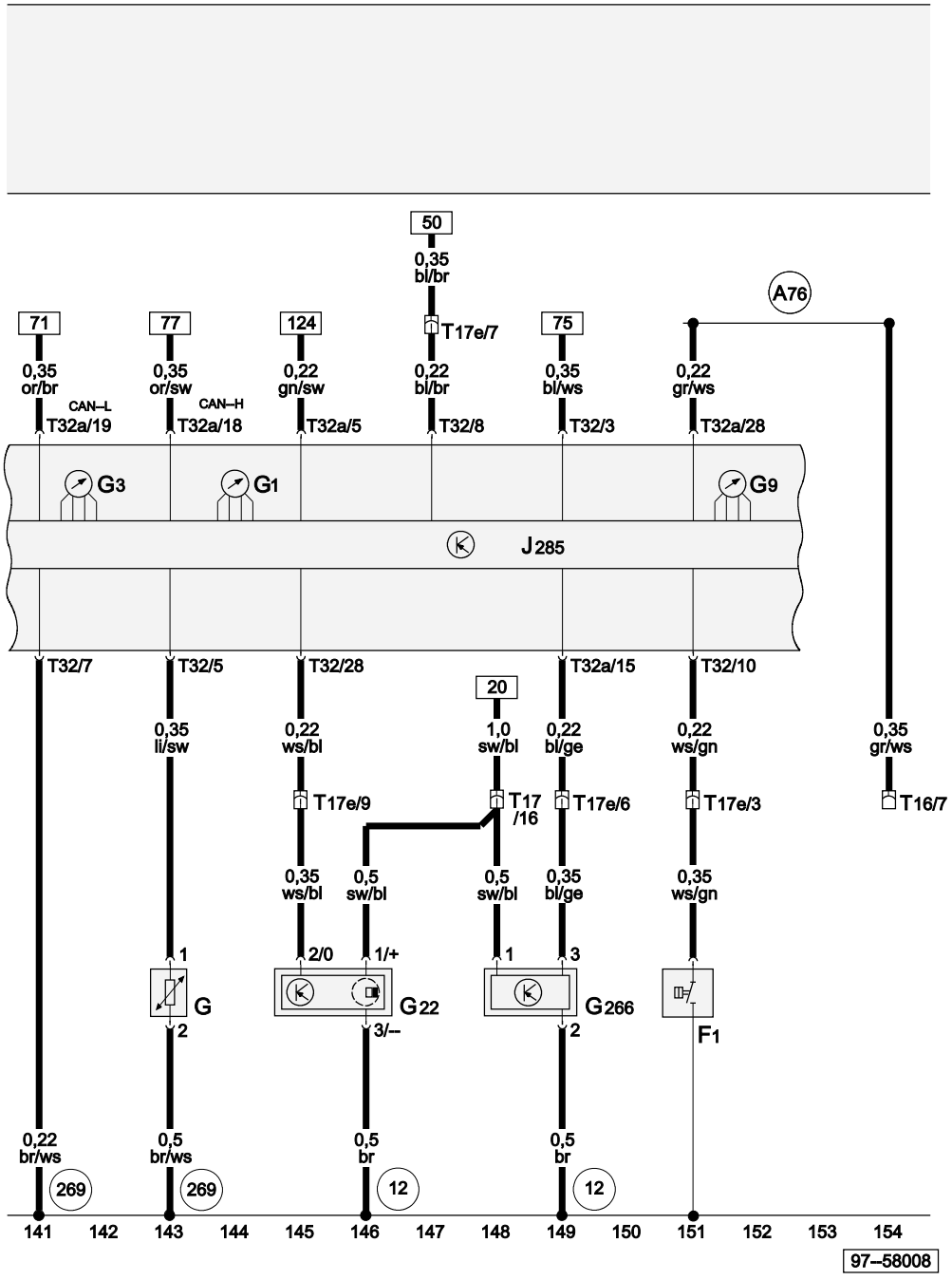

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Oil pressure switch, speedometer sender, oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G9	Oil temperature gauge
G22	Speedometer sender (Hall sender, on gearbox)
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness

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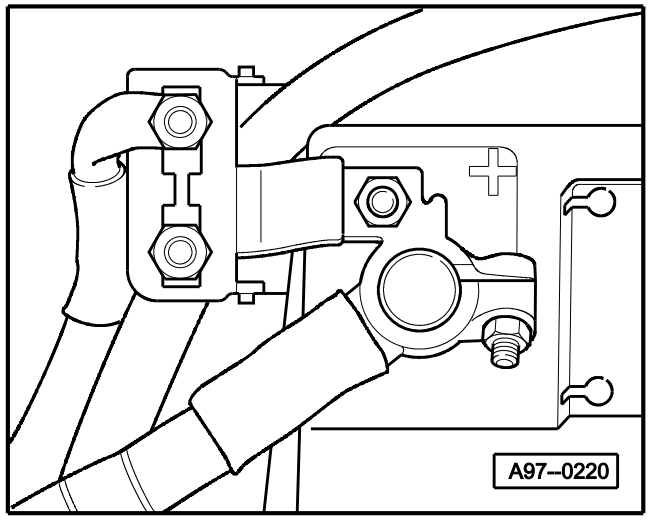
1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF

From model year 2003

Main fuse



- On battery

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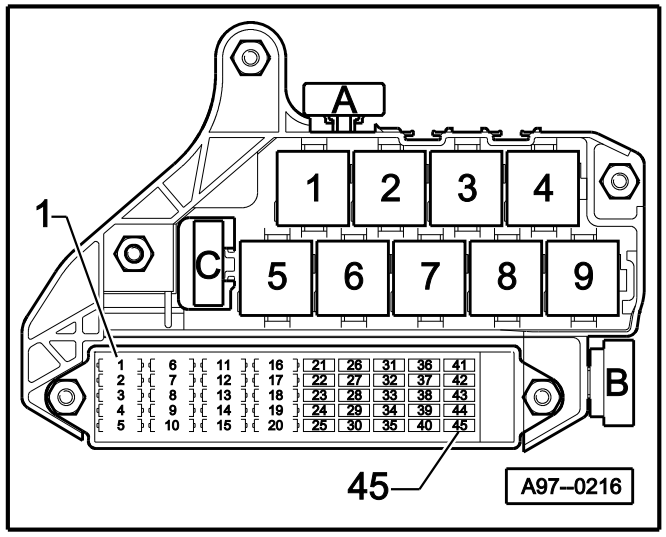
9-point relay carrier, fuse box



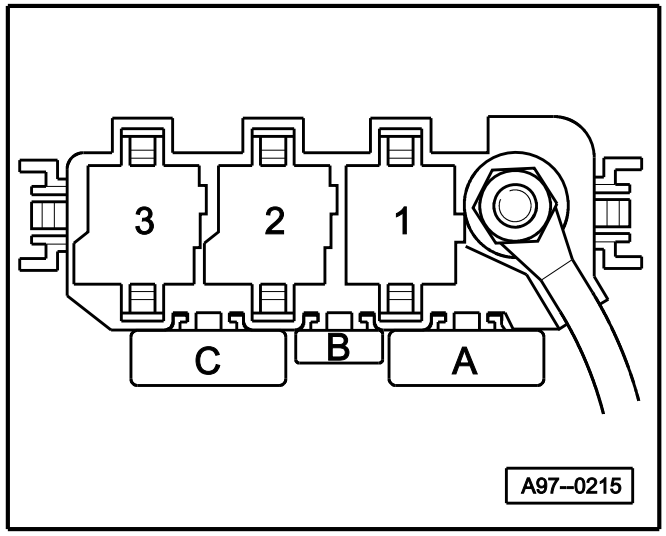
♦ In dash panel, driver's side

4 - High heat output relay (J360)
8 - Low heat output relay (J359)
B - Additional heater fuse (S126)

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

1 - Relay for glow plugs (J52)
2 - Terminal 30 voltage supply relay (J317)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)

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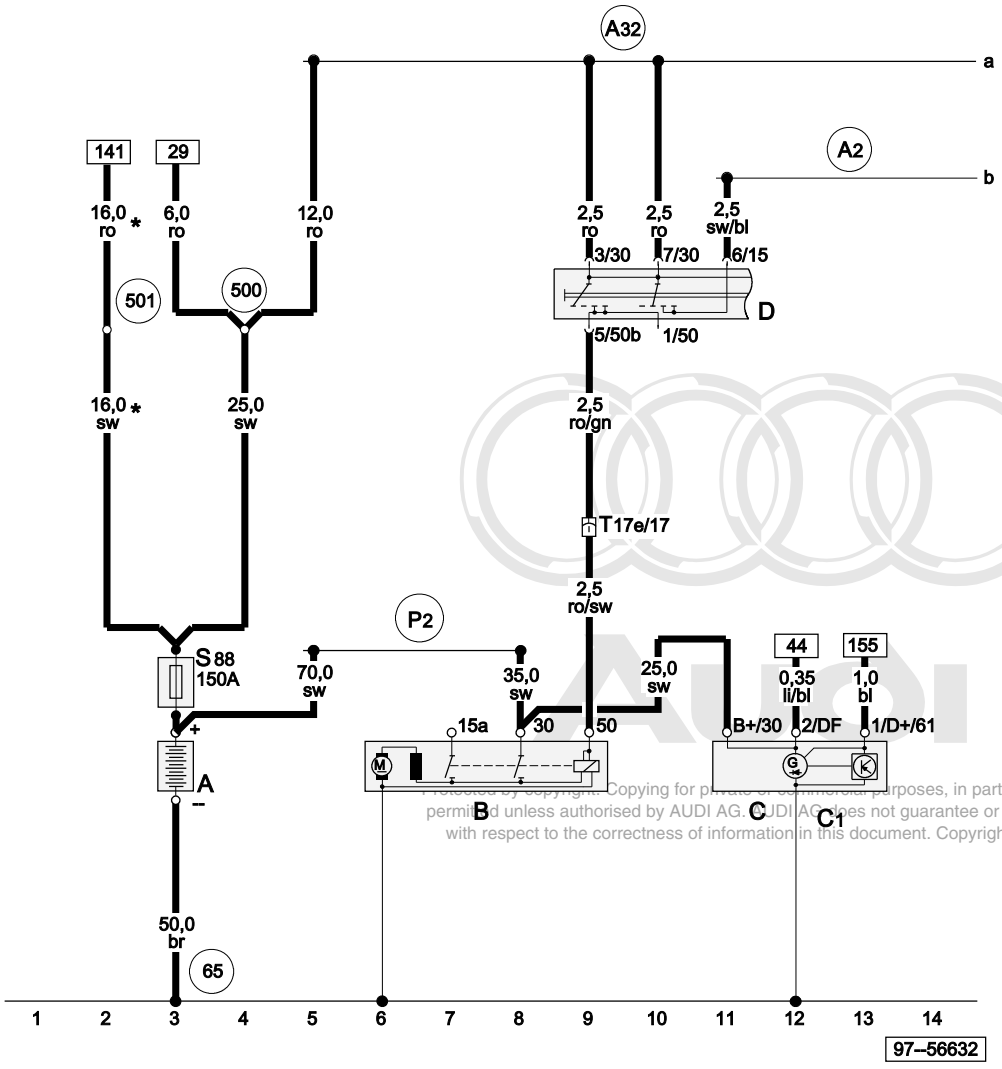

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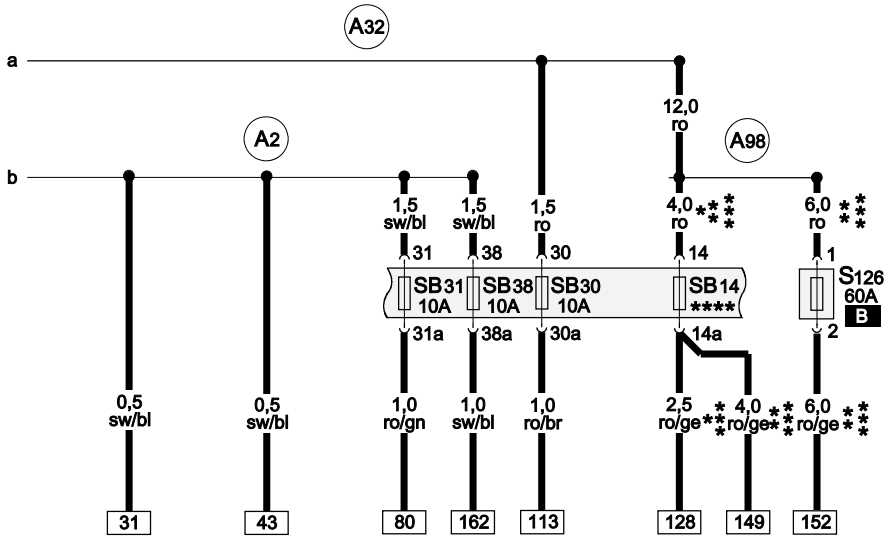
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S88	Strip fuse
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
501	Screw connection -2- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with electric additional heater (PTC 1500 W)



Additional heater fuse, fuses on fuse box

S126	Additional heater fuse
SB14	Fuse -14- on fuse box
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
*	Only applies to models with fuel-burning additional heater
**	Only applies to models with electric additional heater (PTC 900 W)
***	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification
****	20 A - for models with fuel-burning additional heater 30 A - for models with electric additional heater (PTC 900 W)

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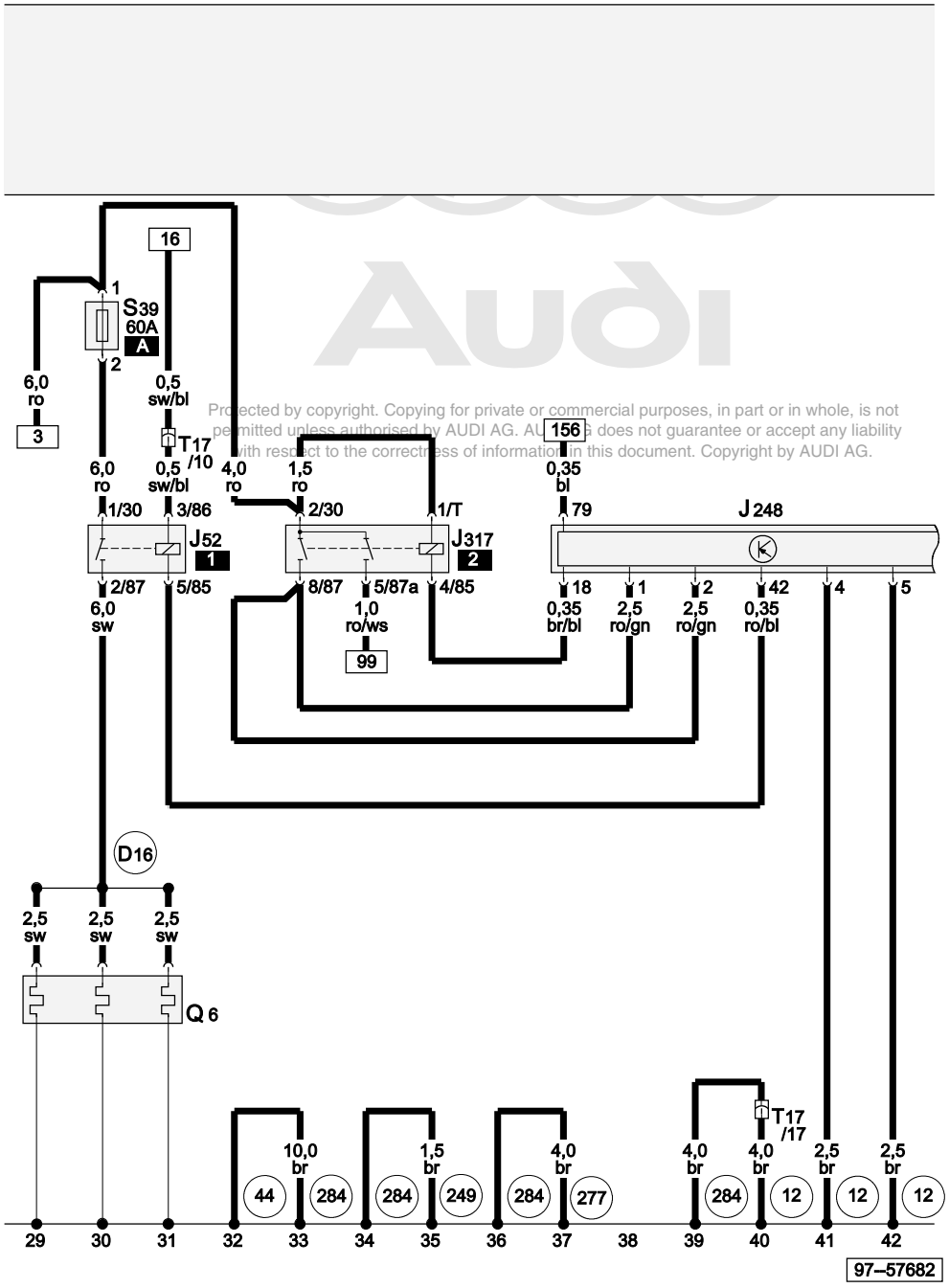

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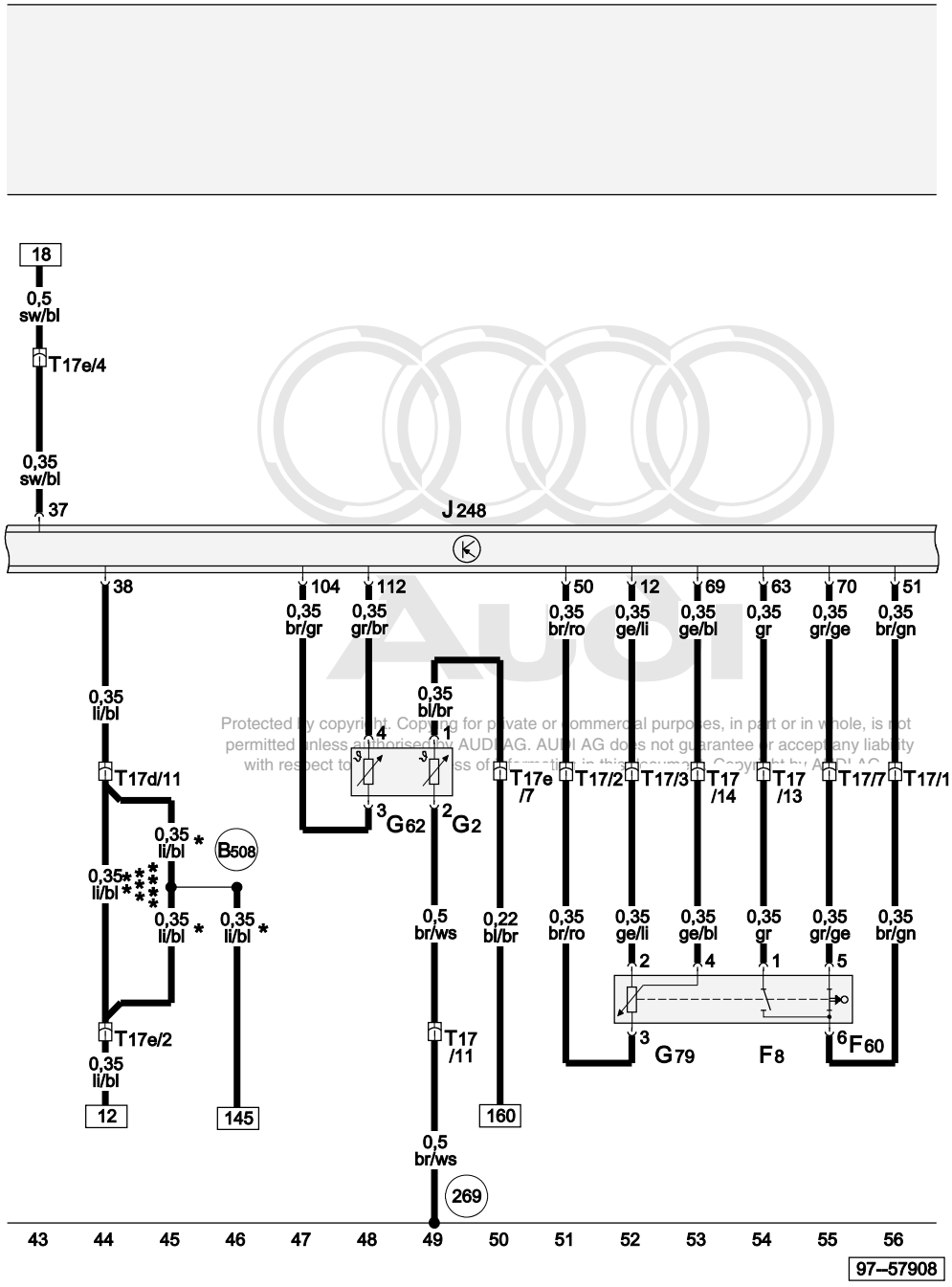
Relay for glow plugs, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plugs - (engine)

J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q6	Glow plugs - (engine)
S39	Strip fuse for glow plugs - engine
T17	17-pin connector, brown, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
D16	Connection (glow plugs), in front right wiring harness



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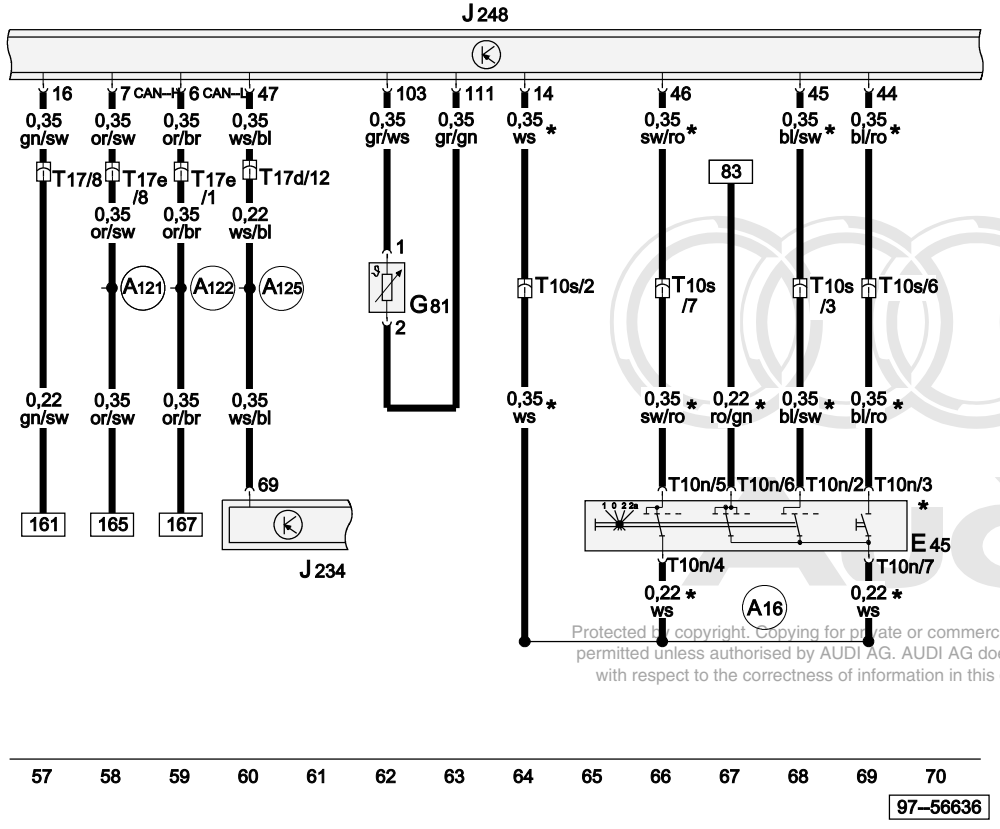
Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B508	Connection (DF), in interior wiring harness
*	Only applies to models with electric additional heater (PTC 1500 W)
**	Only applies to models with fuel-burning additional heater
***	Only applies to models with electric additional heater (PTC 900 W)
****	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification

Cruise control system switch, fuel temperature sender, airbag control unit, diesel direct injection system control unit

E45	Cruise control system switch
G81	Fuel temperature sender
J234	Airbag control unit
J248	Diesel direct injection system control unit
T10n	10-pin connector, black, behind steering column switch trim
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A16	Connection (cruise control system), in dash panel 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
*	Only applies to models with cruise control system



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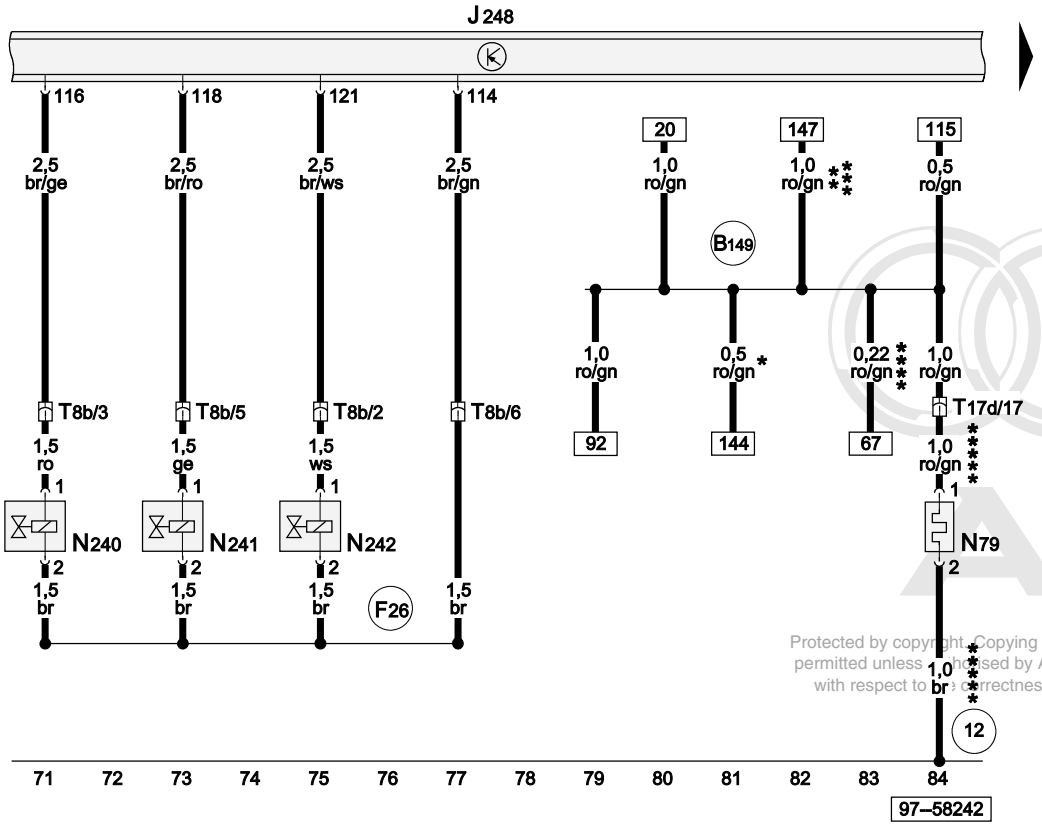
Diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, No. 1 cylinder
N241	Unit injector solenoid valve, No. 2 cylinder
N242	Unit injector solenoid valve, No. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17d	17-pin connector, green, in footwell, front left
12	Earth point, in engine compartment, left
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with electric additional heater (PTC 1500 W)
**	Only applies to models with electric additional heater (PTC 900 W)
***	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification
****	Only applies to models with cruise control system
*****	Only applies to models with heater element (crankcase breather)



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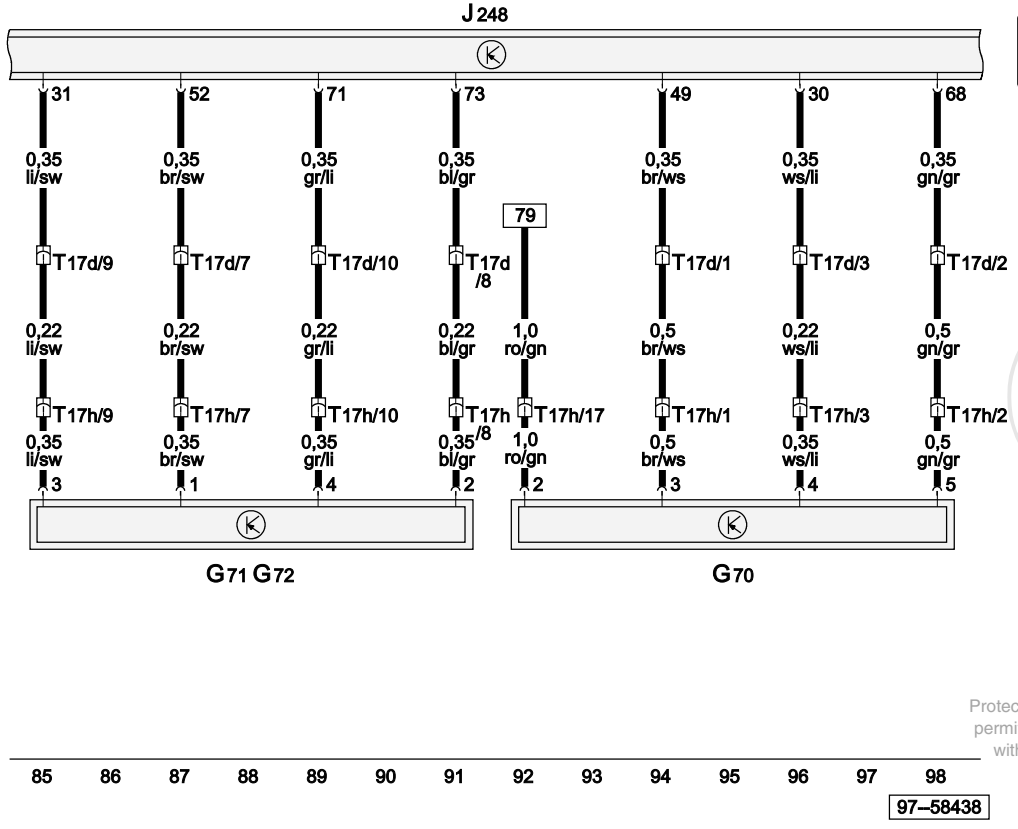
Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right



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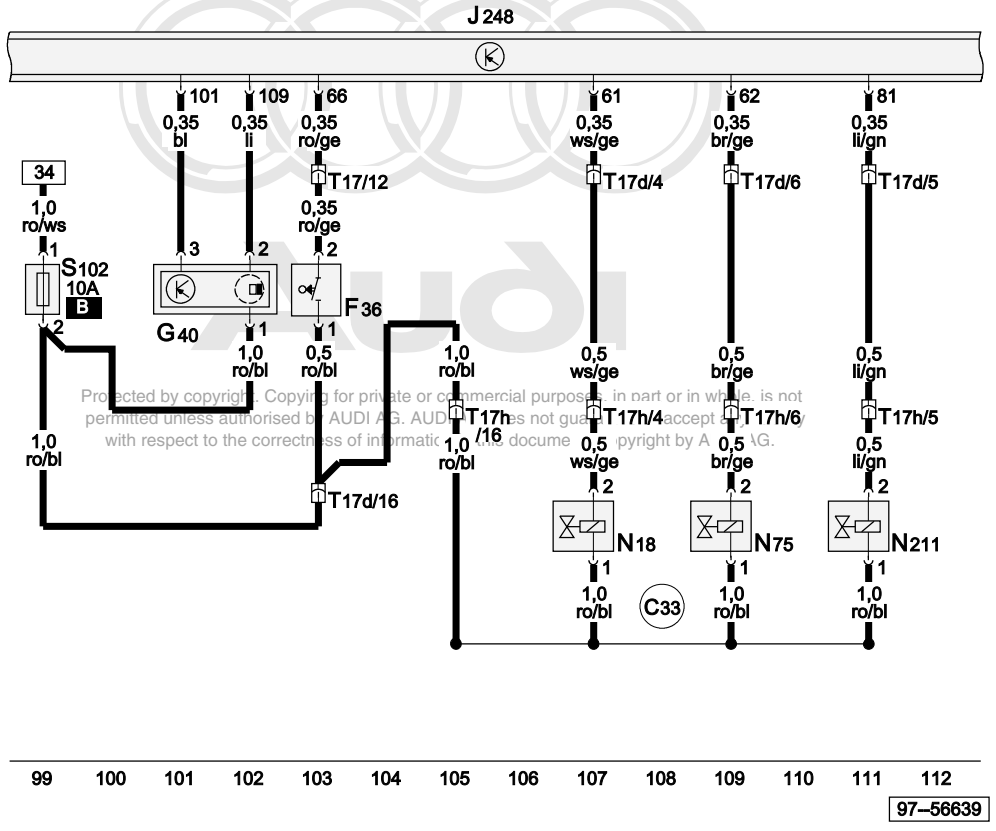
Clutch pedal switch, Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, throttle butterfly valve, engine control unit fuse

F36	Clutch pedal switch
G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N211	Throttle butterfly valve
S102	Engine control unit fuse
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
C33	Connection -5-, in headlight wiring harness



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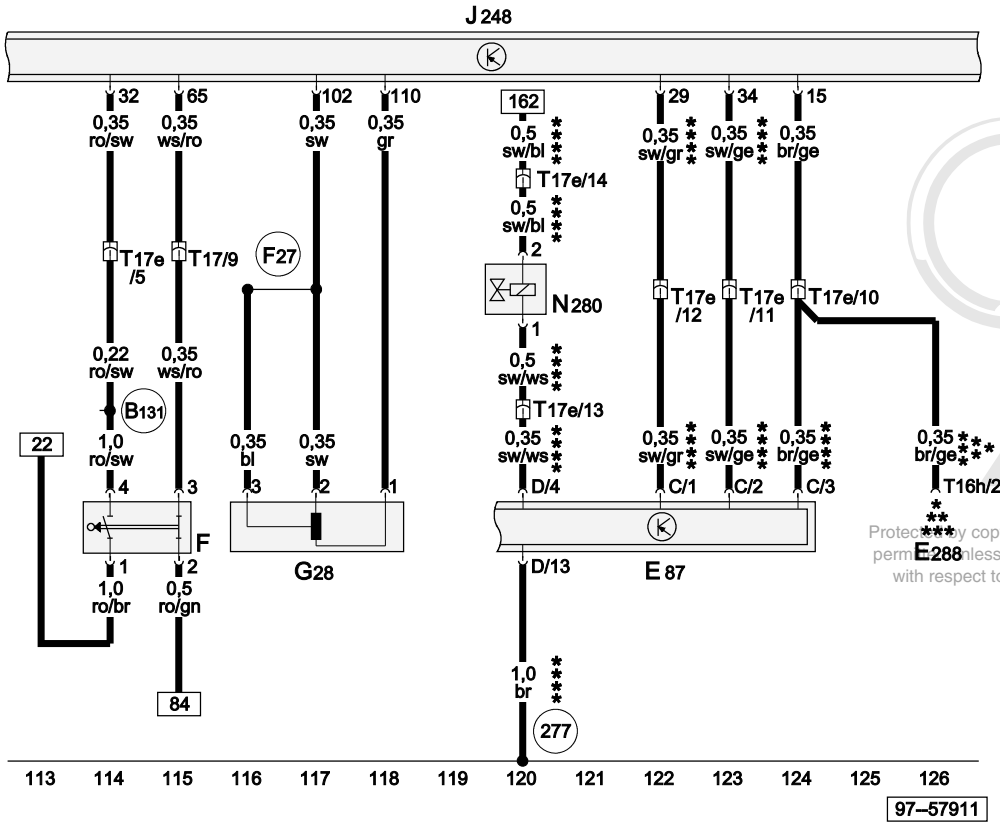
Air conditioning system/Climatronic operating and display unit, additional heating button (ECON), brake light switch, engine speed sender

E87	Air conditioning system/Climatronic operating and display unit
E288	Additional heating button (ECON)
F	Brake light switch
G28	Engine speed sender
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T16h	16-pin connector, black, on heater controls
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
277	Earth connection -3-, in interior wiring harness
B131	Connection (54), in interior wiring harness
F27	Connection (screening), in diesel direct injection system wiring harness
*	Only applies to models with fuel-burning additional heater
**	Only applies to models with electric additional heater (PTC 900 W)
***	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification
****	Only applies to models with air conditioning system



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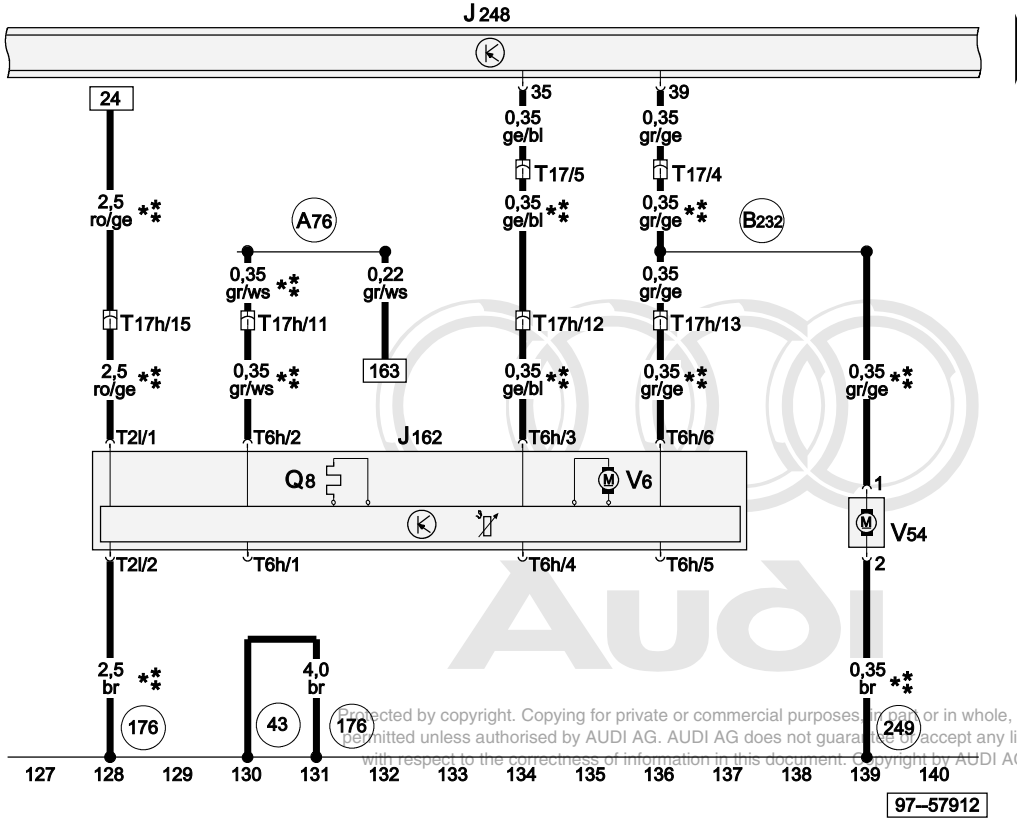
Heater control unit, glow plug with flame monitor, combustion air blower, metering pump

J162	Heater control unit
J248	Diesel direct injection system control unit
Q8	Glow plug with flame monitor
T2l	2-pin connector, black, on heater control unit
T6h	6-pin connector, black, on heater control unit
T17	17-pin connector, brown, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
V6	Combustion air blower
V54	Metering pump
43	Earth point, lower part of right A pillar
176	Earth connection, in right headlight wiring harness
249	Earth connection -2-, in interior wiring harness
*	Only applies to models with fuel-burning additional heater
**	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification



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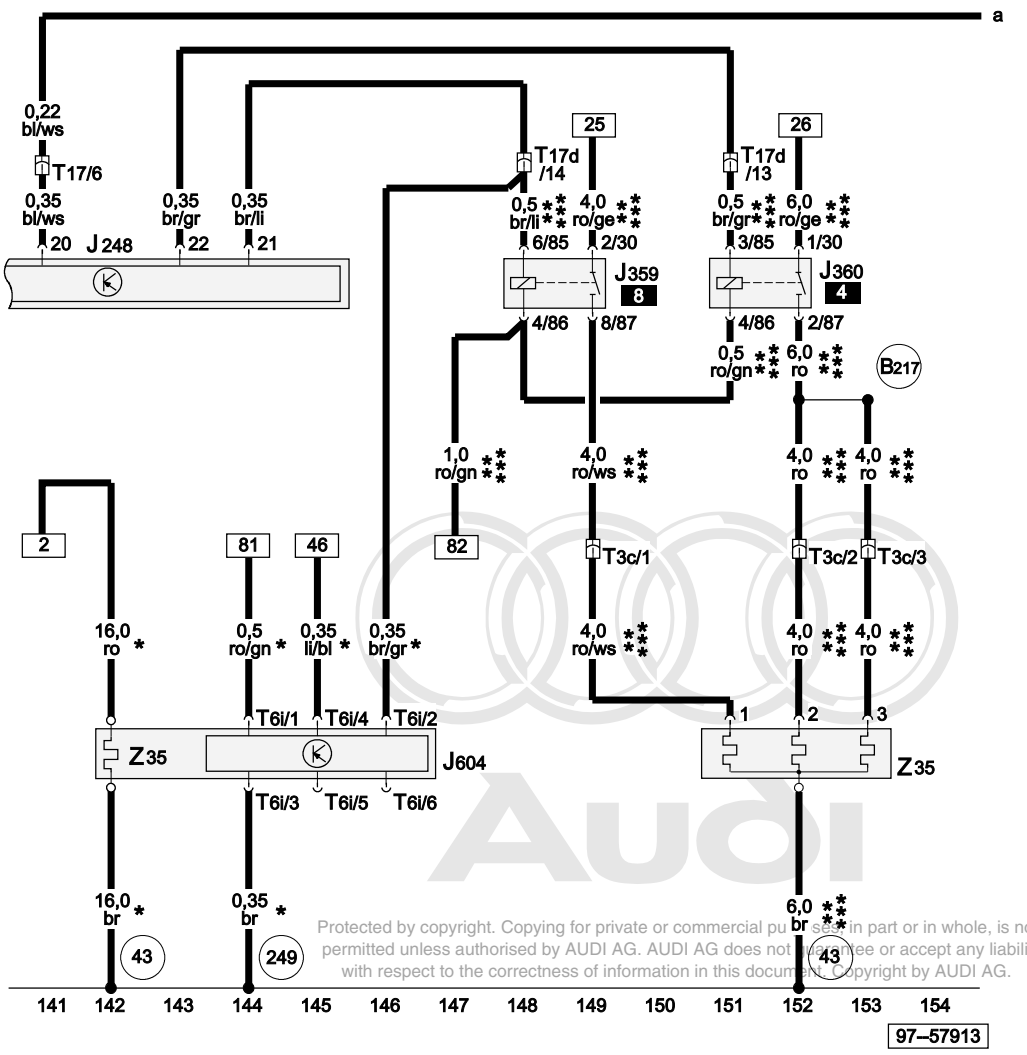
Low heat output relay, high heat output relay, additional air heater control unit, additional heating heater element



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J248	Diesel direct injection system control unit
J359	Low heat output relay
J360	High heat output relay
J604	Additional air heater control unit
T3c	3-pin connector, black, behind driver's storage compartment
T6i	6-pin connector, black, on additional air heater control unit (PTC 1500 W)
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
249	Earth connection -2-, in interior wiring harness
B217	Connection (additional heater), in interior wiring harness
*	Only applies to models with electric additional heater (PTC 1500 W)
**	Only applies to models with electric additional heater (PTC 900 W)
***	Will be no longer fitted as of the introduction of the electric additional heater (PTC 1500 W), phased-in modification

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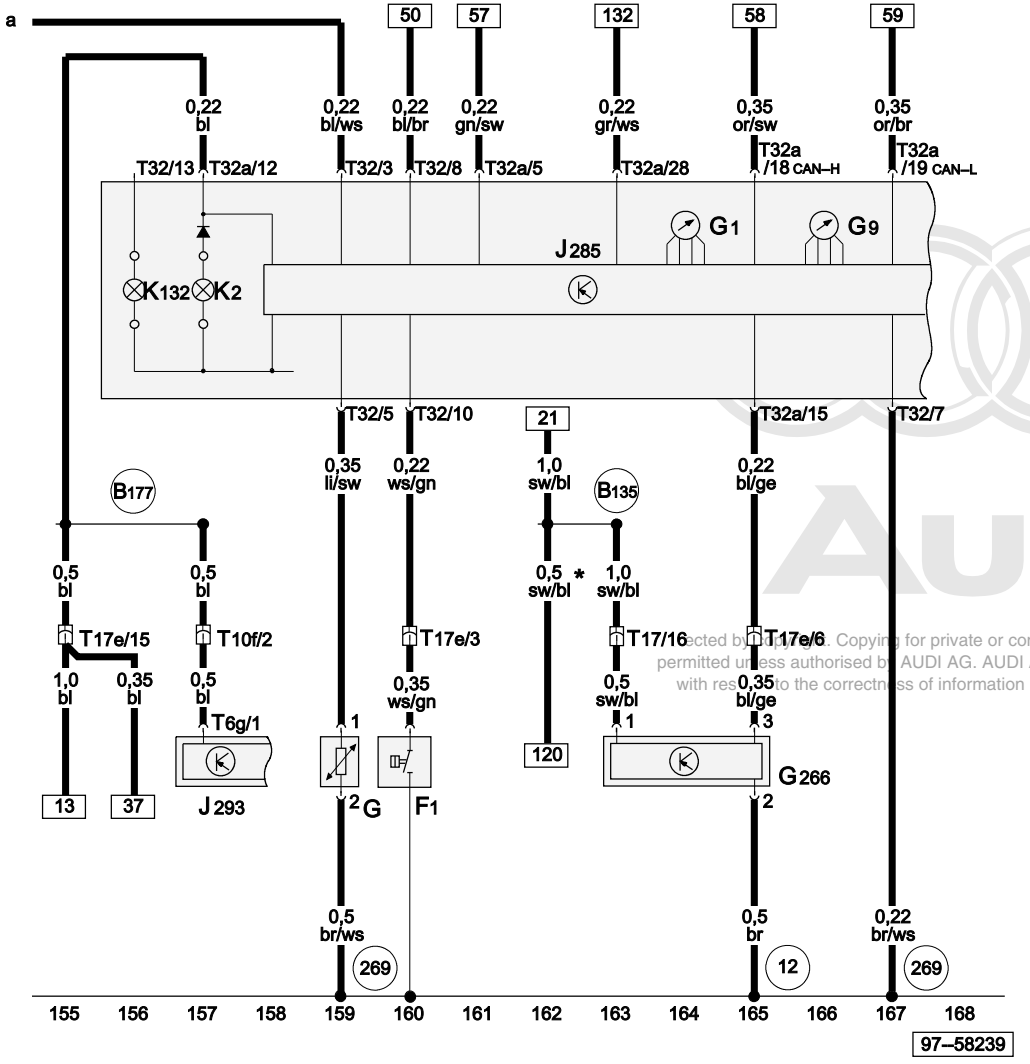
Oil pressure switch, oil level/oil temperature sender, control unit with display in dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B177	Connection (61), in interior wiring harness
*	Only applies to models with air conditioning system

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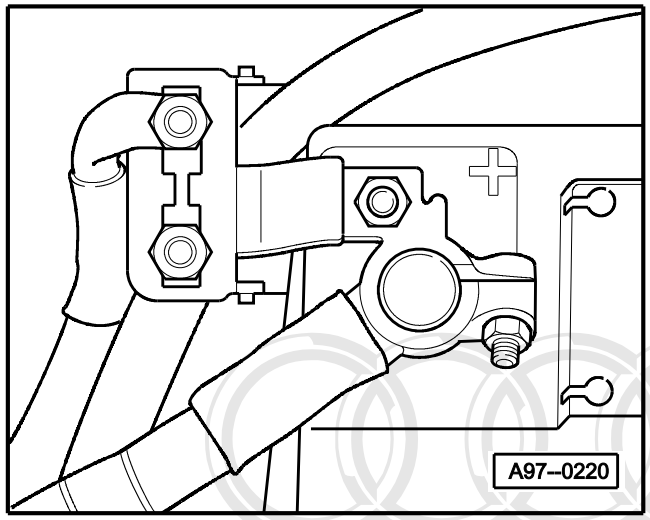
5-speed manual gearbox 085 DS

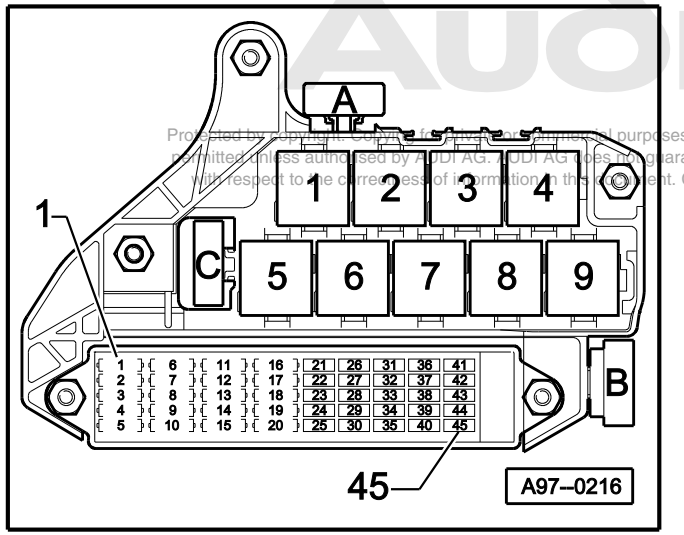
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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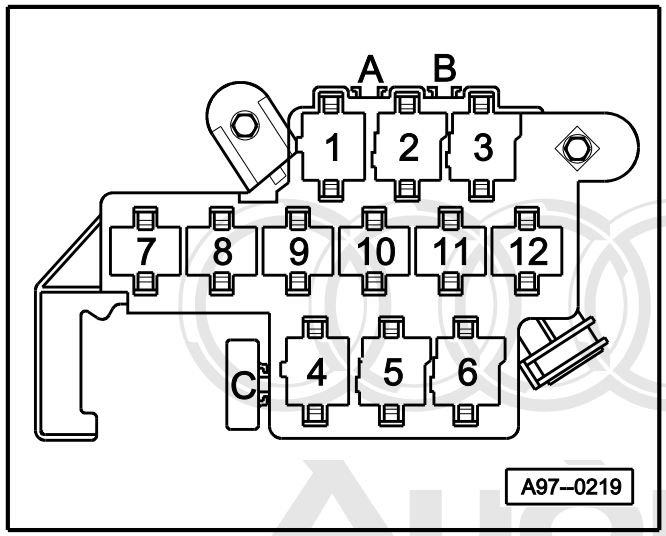
♦ In dash panel, driver's side

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

1 - Starter inhibitor and reversing light relay (J226)
4 - Gearbox hydraulic pump relay (J510)
5 - Ignition key withdrawal lock control unit (J557)
6 - Ignition key withdrawal lock control unit (J557)
A - Hydraulic pump relay fuse (S279)

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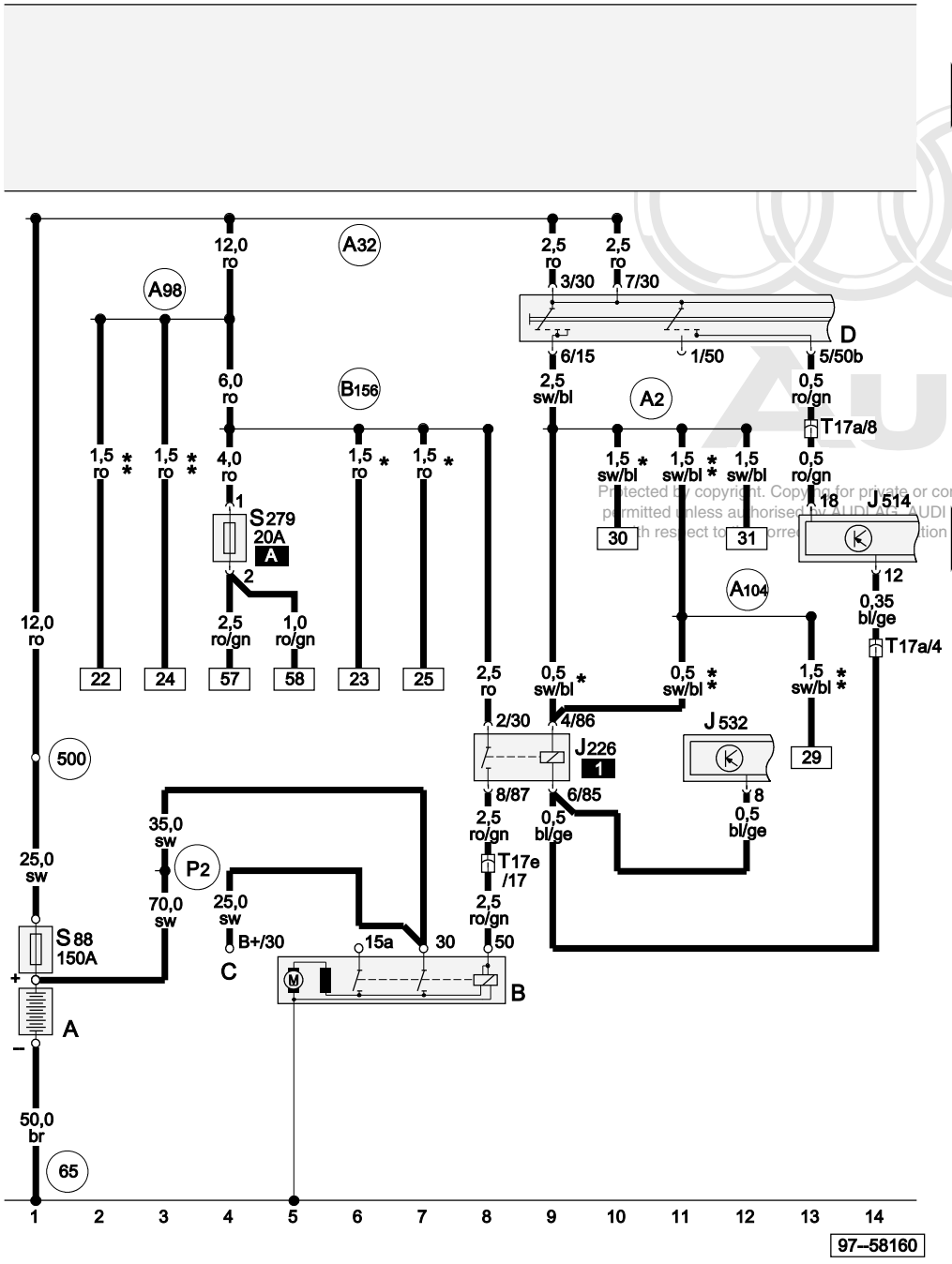

Battery, ignition/starter switch, starter inhibitor and reversing light relay, voltage stabiliser, hydraulic pump relay fuse

A	Battery
B	Starter
C	Alternator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
J514	Electronic manual gearbox control unit
J532	Voltage stabiliser
S88	Strip fuse
S279	Hydraulic pump relay fuse
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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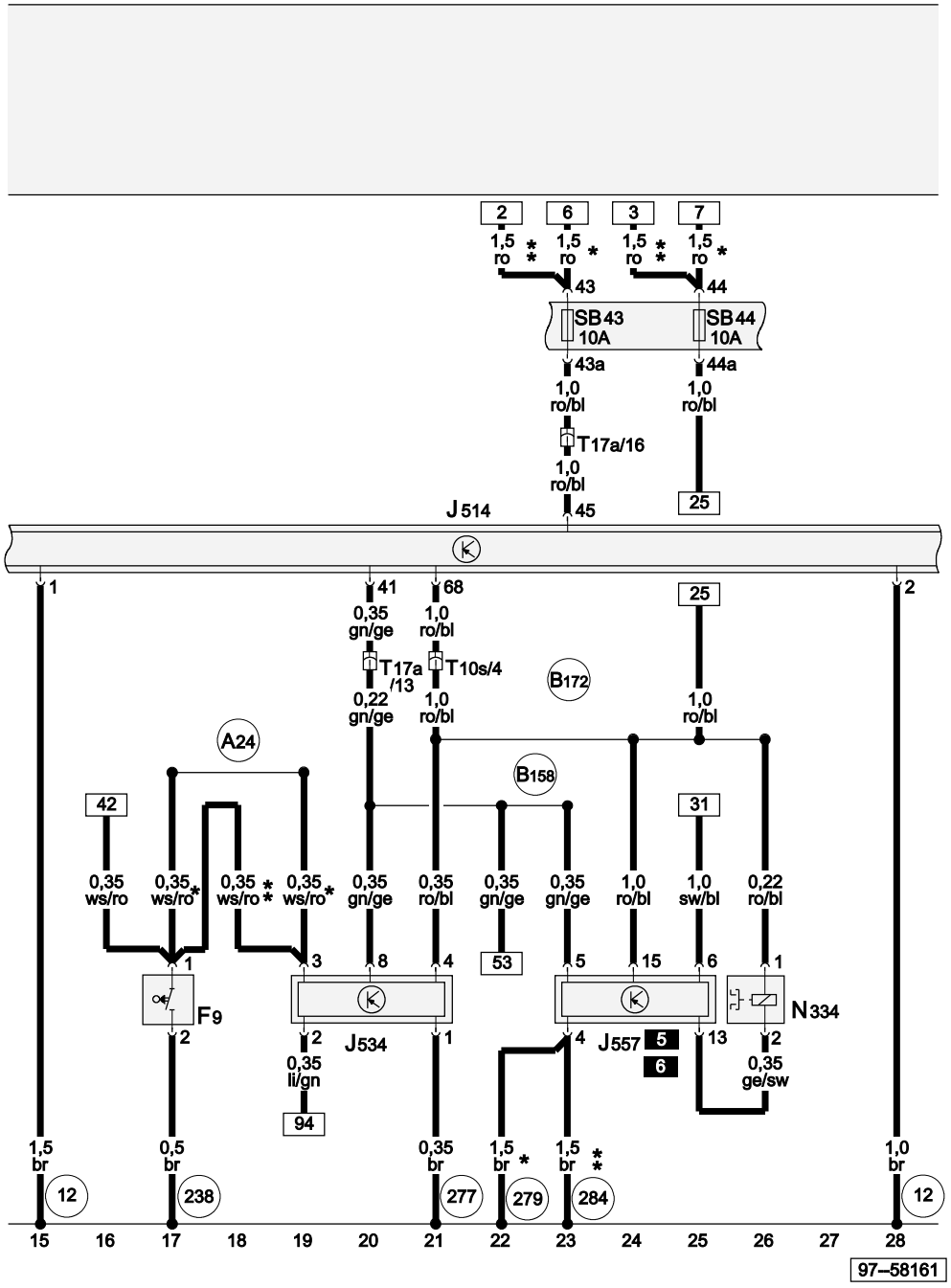

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Electronic manual gearbox control unit, handbrake warning lamp control unit, ignition key withdrawal lock control unit

F9	Handbrake warning switch
J514	Electronic manual gearbox control unit
J534	Handbrake warning lamp control unit
J557	Ignition key withdrawal lock control unit
N334	Ignition key withdrawal lock solenoid valve
SB43	Fuse -43- on fuse box
SB44	Fuse -44- on fuse box
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
12	Earth point, in engine compartment, left
238	Earth connection -1-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A24	Connection (brake system monitoring), in dash panel wiring harness
B158	Connection (S), in interior wiring harness
B172	Positive (+) connection -4- (30), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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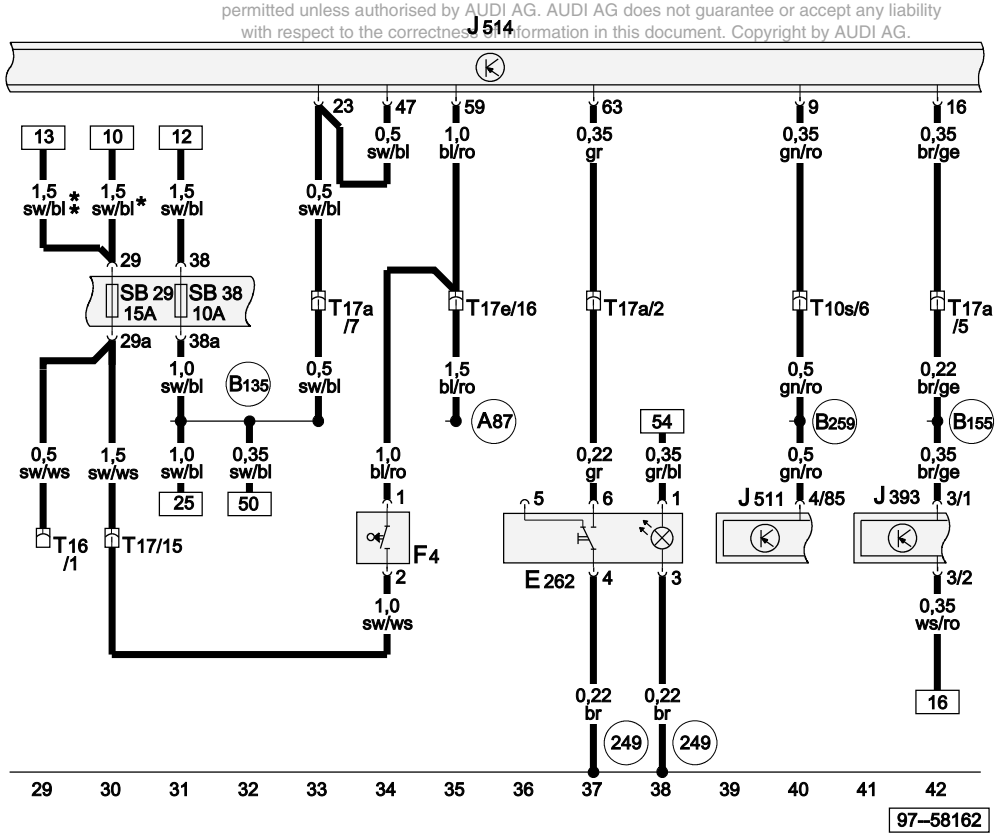

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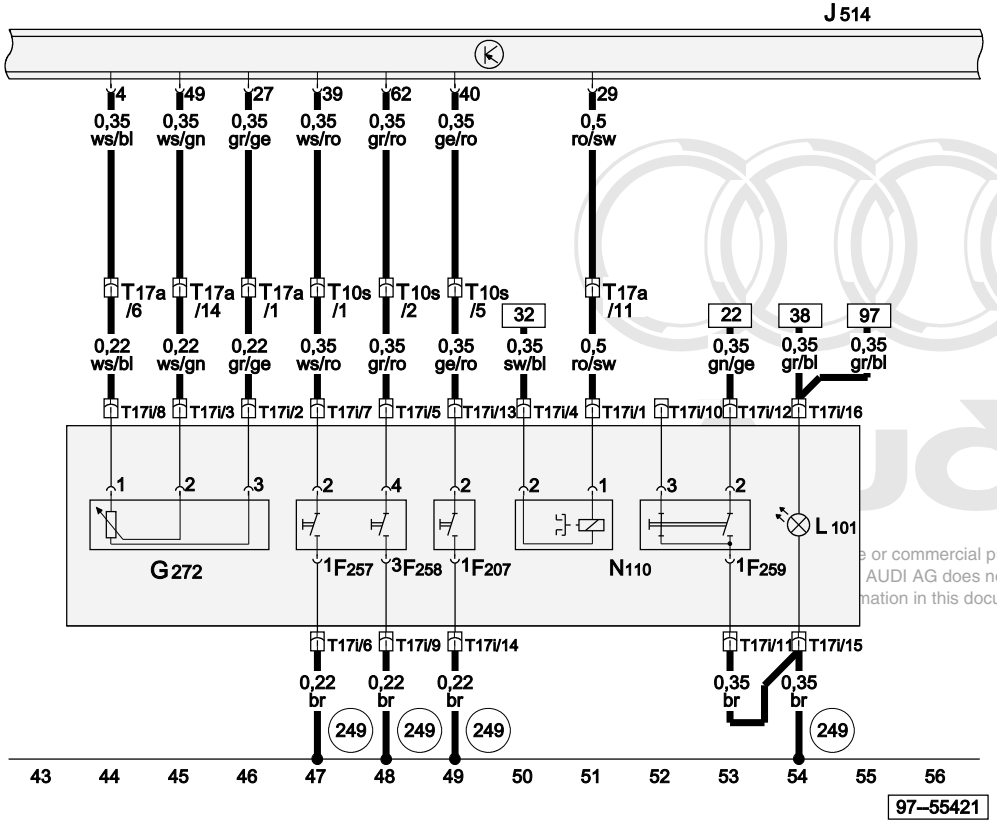
Start/Stop operation switch, reversing light switch, convenience system central control unit, consumer switch-off relay

E262	Start/Stop operation switch
F4	Reversing light switch
J393	Convenience system central control unit
J511	Consumer switch-off relay
J514	Electronic manual gearbox control unit
SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
T10s	10-pin connector, white, in footwell, front left
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
249	Earth connection -2-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
B259	Connection (start/stop signal), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

Selector lever gate detector switch, selector lever detector switch for N, selector lever detector switch for stopped, selector lever lock solenoid

F207	Diesel engine inhibitor switch
F257	Selector lever gate detector switch
F258	Selector lever detector switch for N
F259	Selector lever detector switch for stopped
G272	Selector lever potentiometer for forwards/backwards
J514	Electronic manual gearbox control unit
L101	Selector lever display illumination
N110	Selector lever lock solenoid
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
T17i	17-pin connector, black, below gear selector cover
249	Earth connection -2-, in interior wiring harness



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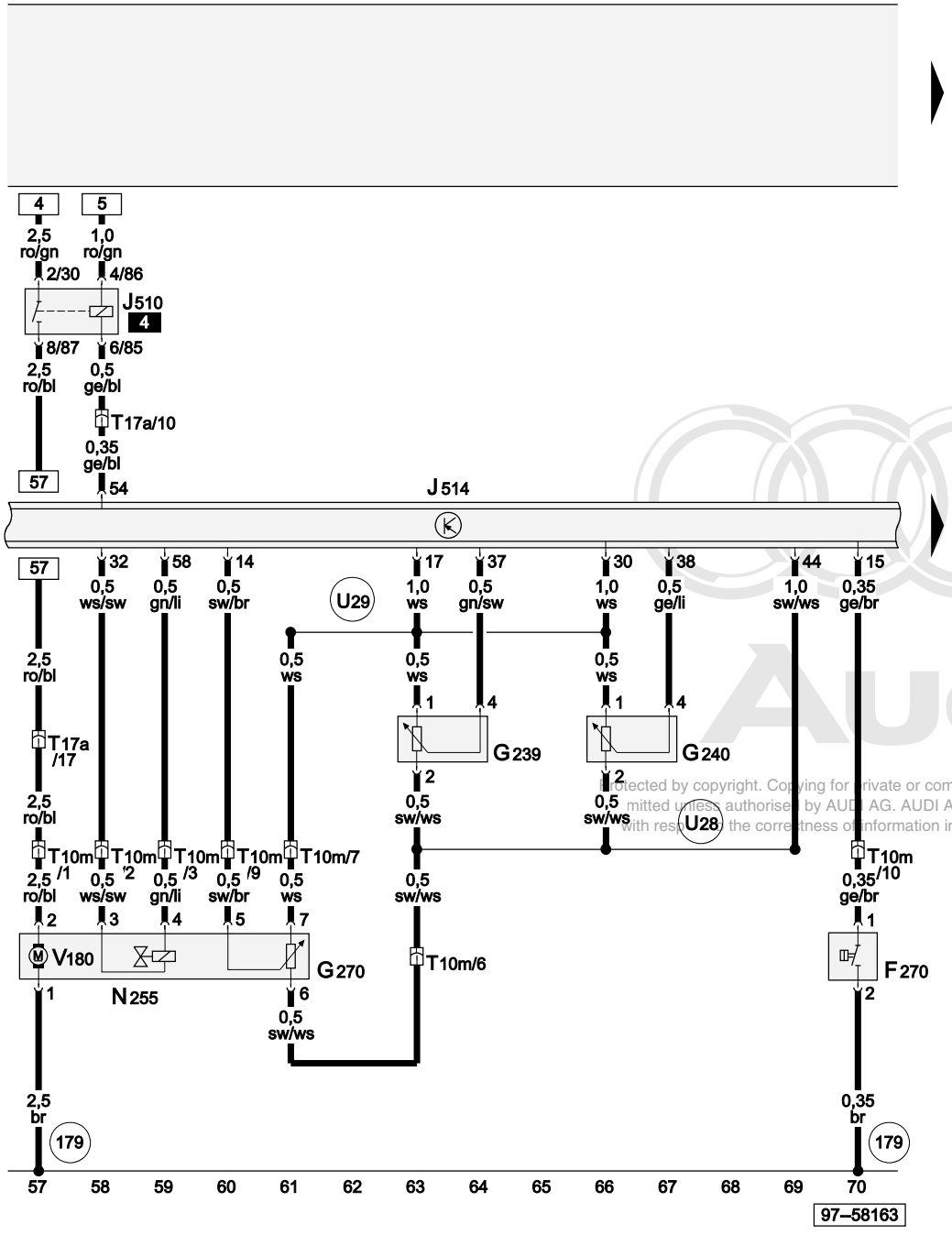
or	=	orange
rs	=	pink

Brake pressure switch, gear detector potentiometer -1-, gearbox hydraulic pressure sender, gearbox hydraulic pump relay



F270	Brake pressure switch
G239	Gear detector potentiometer -1-
G240	Gear detector potentiometer -2-
G270	Gearbox hydraulic pressure sender
J510	Gearbox hydraulic pump relay
J514	Electronic manual gearbox control unit
N255	Clutch actuator valve
T10m	10-pin connector, black, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
V180	Clutch actuator hydraulic pump
179	Earth connection, in left headlight wiring harness
U28	Connection (0 V), in manual gearbox wiring harness
U29	Connection (5 V), in manual gearbox wiring harness

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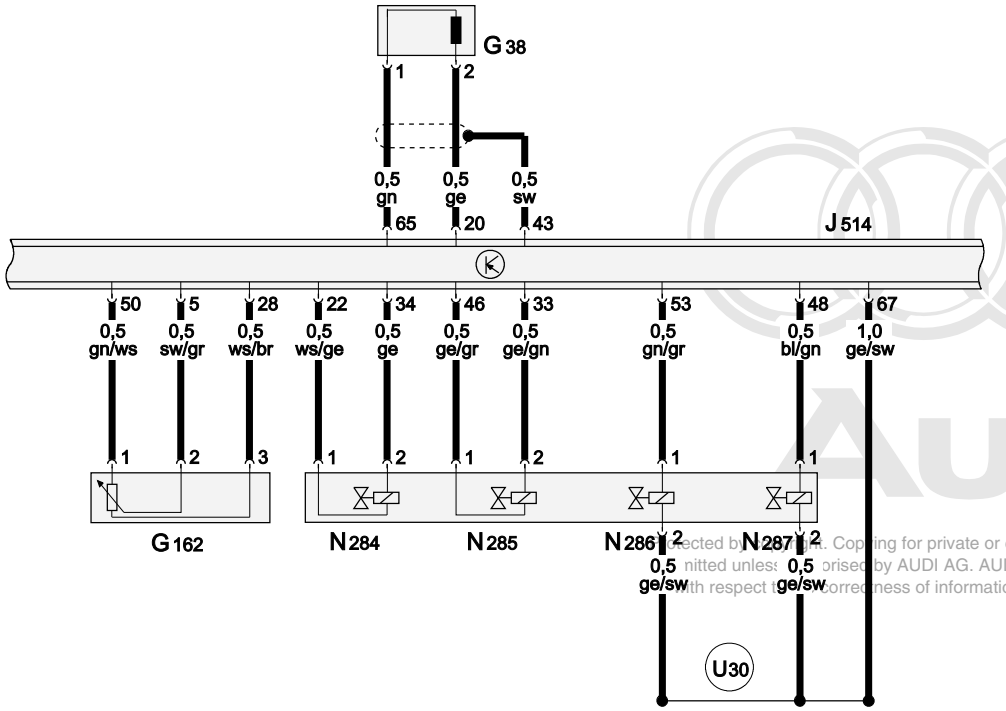
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Gearbox speed sender, clutch travel sender, electronic manual gearbox control unit, selector lever valve 1

G38	Gearbox speed sender
G162	Clutch travel sender
J514	Electronic manual gearbox control unit
N284	Selector lever valve 1
N285	Selector lever valve 2
N286	Selector lever valve 3
N287	Selector lever valve 4
U30	Connection -2- (0 V), in manual gearbox wiring harness



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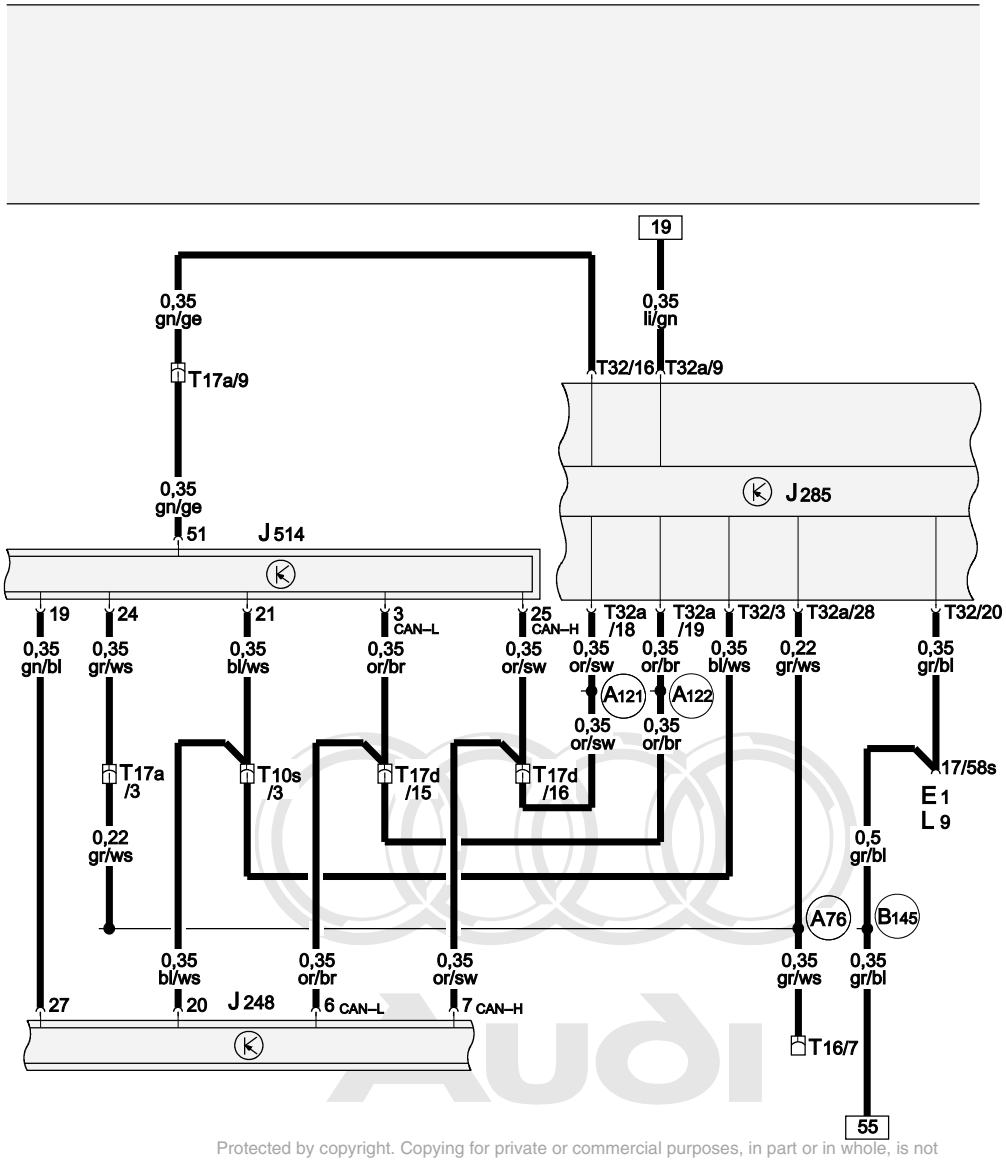

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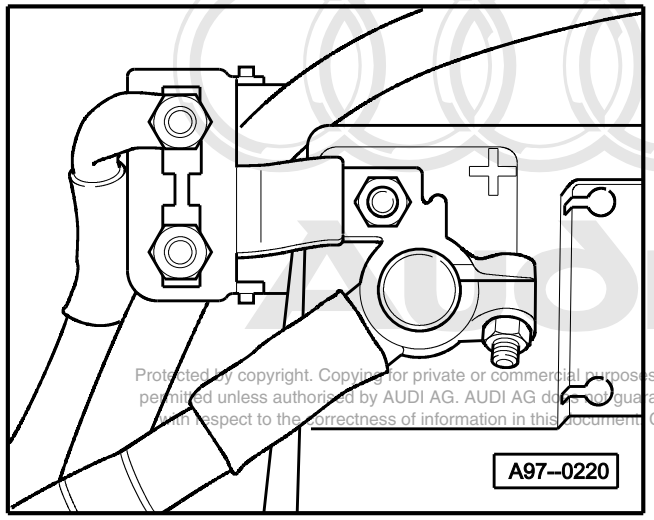
Diesel direct injection system control unit, control unit with display in dash panel insert, electronic manual gearbox control unit

E1	Lighting switch
J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J514	Electronic manual gearbox control unit
L9	Lighting switch light bulb
T10s	10-pin connector, white, in footwell, front left
T16	16-pin connector, diagnostic connector, black, near fuse box
T17a	17-pin connector, red, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
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
B145	Positive (+) connection (58b), in interior wiring harness

Airbags for driver and front passenger with belt tensioners and side airbags

From model year 2003

Main fuse



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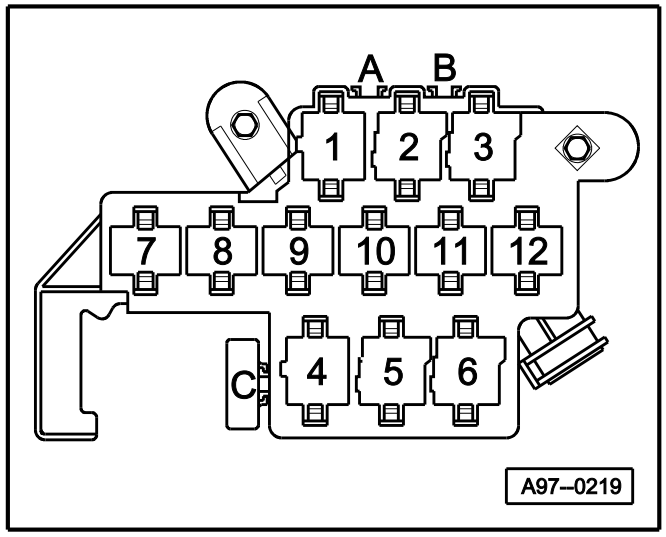
- On battery

6+6-point relay carrier



- In footwell, front left

5 - Fuel pump relay (J17)

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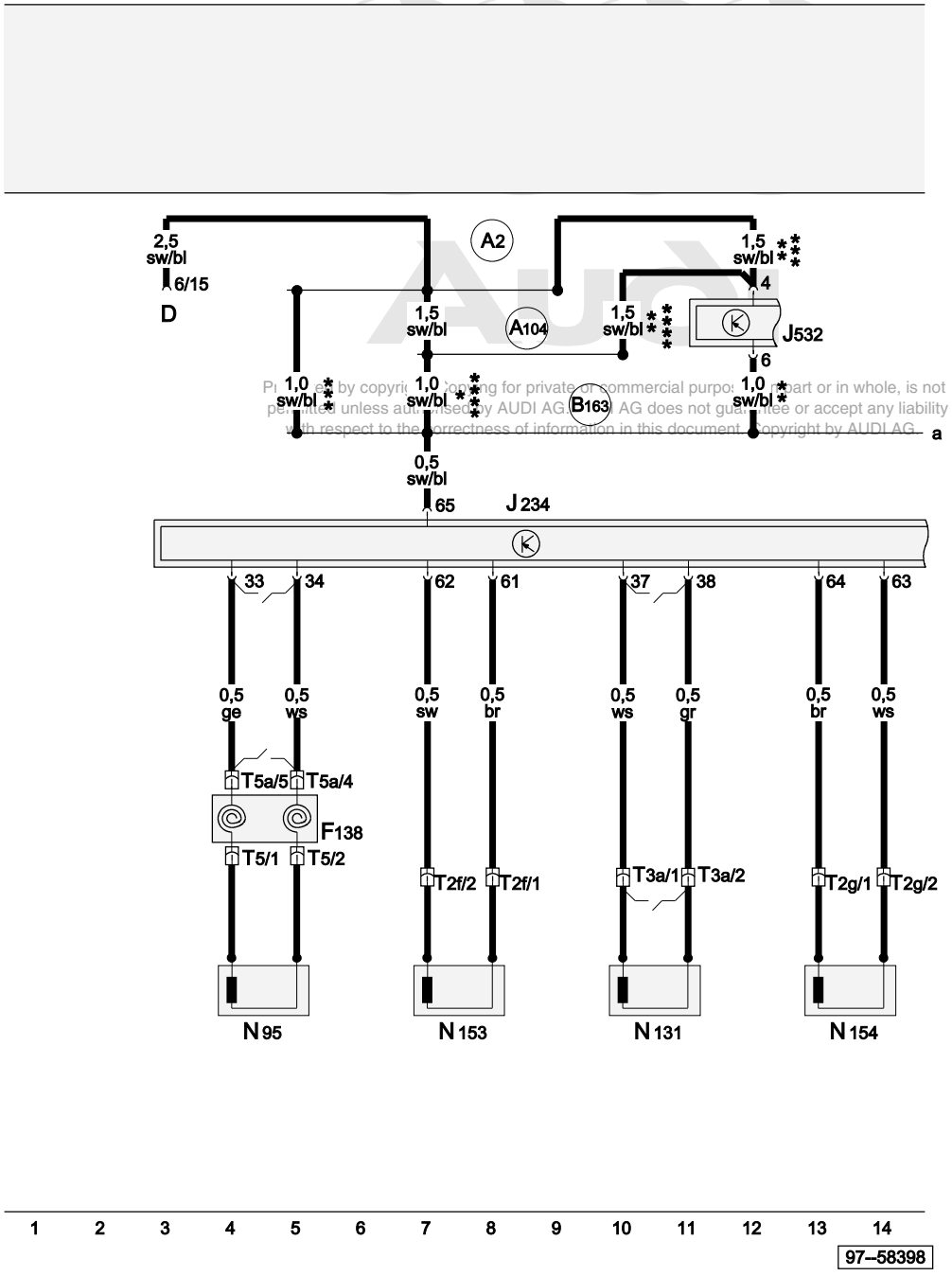

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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Airbag coil connector/return spring with slip ring, airbag igniter - driver's side, airbag igniter 1 - front passenger's side, belt tensioner igniter 1 - driver's side

D	Ignition/starter switch
F138	Airbag coil connector/return spring with slip ring
J234	Airbag control unit
J532	Voltage stabiliser
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
N153	Belt tensioner igniter -1-, driver's side
N154	Belt tensioner igniter -1-, front passenger's side
T2f	2-pin connector, at B pillar, left
T2g	2-pin connector, at B pillar, right
T3a	3-pin connector, yellow, behind airbag unit
T5	5-pin connector, yellow, in steering wheel
T5a	5-pin connector, yellow, behind steering column switch trim
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Does not apply to models with engine code ANY
**	Only applies to models with engine code ANY
***	No longer fitted, phased-in modification
****	Phased-in modification
<fo:external-graphic src="../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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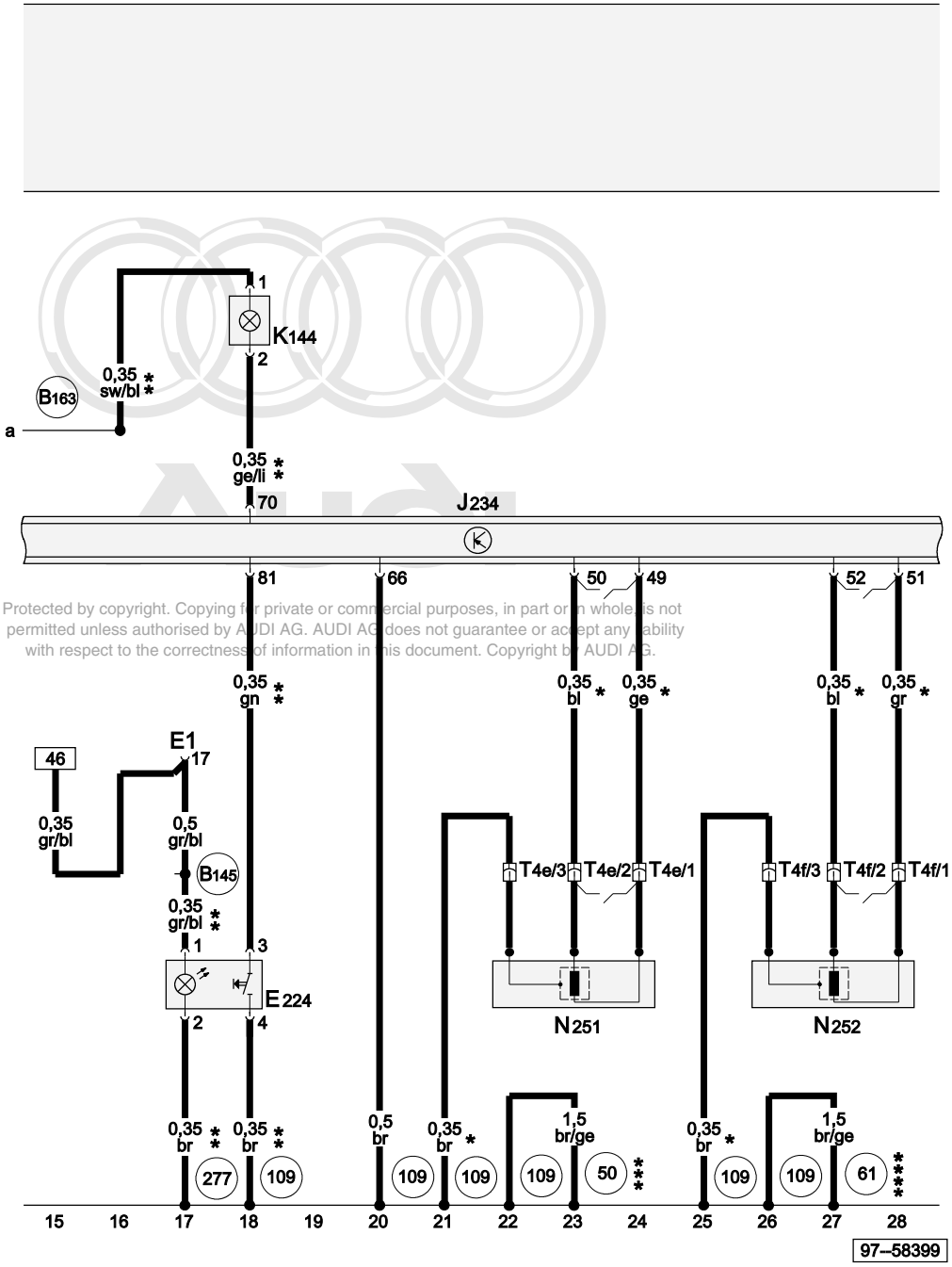

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ws = white

Airbag disabling key switch - front passenger's side, airbag control unit, curtain airbag igniter - driver's side, curtain airbag igniter - front passenger's side

E1	Lighting switch
E224	Airbag disabling key switch, front passenger's side
J234	Airbag control unit
K144	Airbag disabled warning lamp, driver's side
N251	Curtain airbag igniter, driver's side
N252	Curtain airbag igniter, front passenger's side
T4e	4-pin connector, yellow, under driver's seat
T4f	4-pin connector, yellow, under front passenger's seat
50	Earth point, luggage compartment, left
61	Earth point, left C pillar
109	Earth connection, in airbag wiring harness
277	Earth connection -3-, in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Only applies to models with curtain airbags
**	Only applies to models with airbag disabling key switch, front passenger's side
***	No longer fitted, phased-in modification
****	Phased-in modification
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="	Short circuit bridge becomes effective when connector is unplugged.

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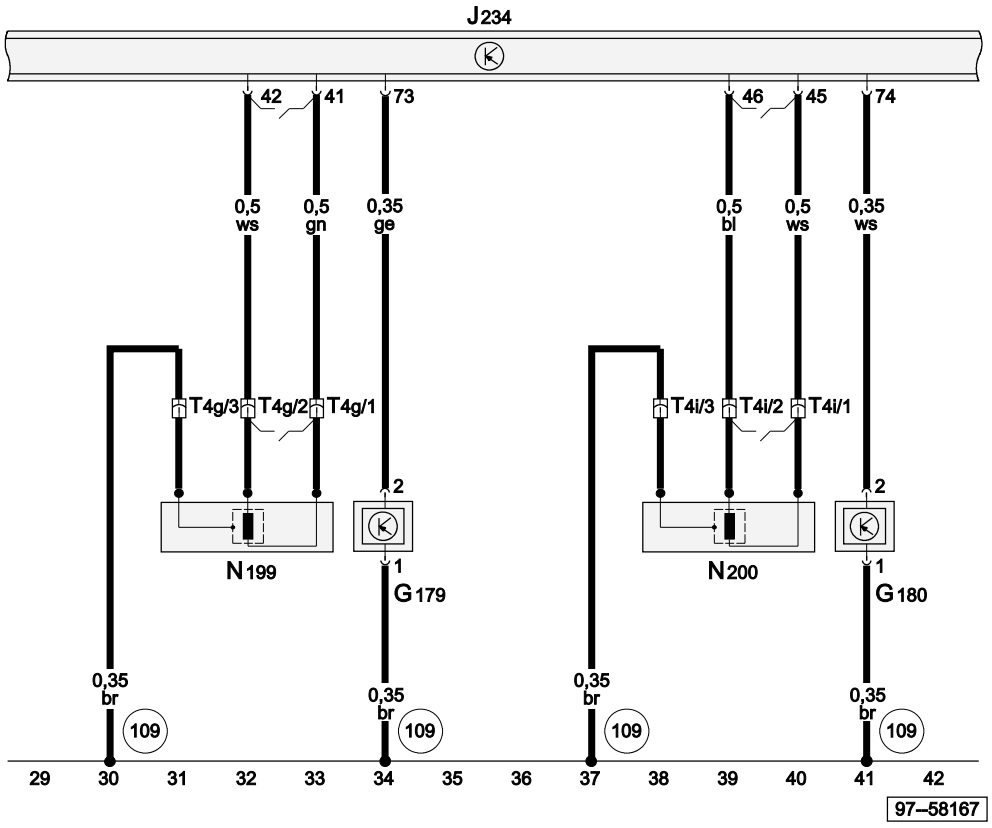
Side airbag crash sensor - driver's side, side airbag crash sensor - front passenger's side, side airbag igniter - driver's side, side airbag igniter - front passenger's side

G179	Side airbag crash sensor, driver's side
G180	Side airbag crash sensor, front passenger's side
J234	Airbag control unit
N199	Side airbag igniter, driver's side
N200	Side airbag igniter, front passenger's side
T4g	4-pin connector, yellow, under driver's seat
T4i	4-pin connector, yellow, under front passenger's seat
109	Earth connection, in airbag wiring harness
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.



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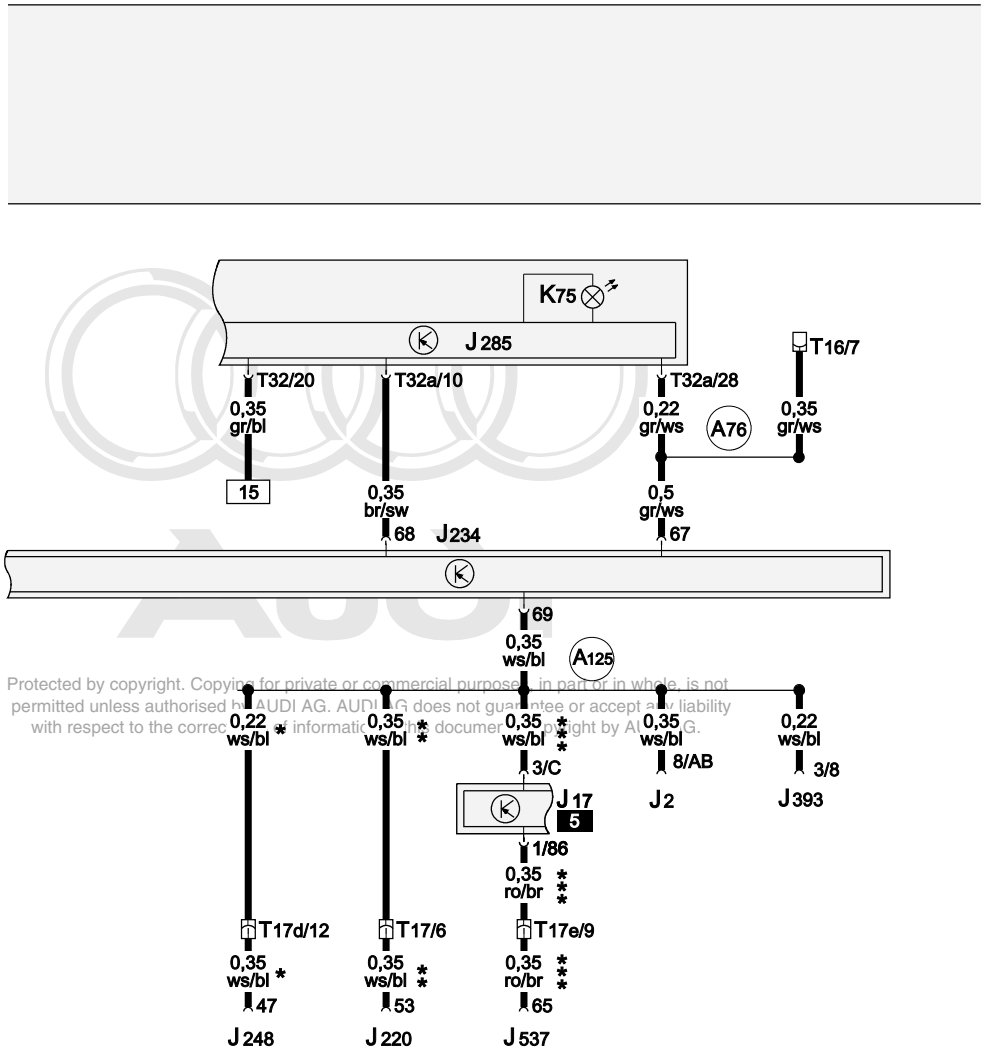

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or = orange
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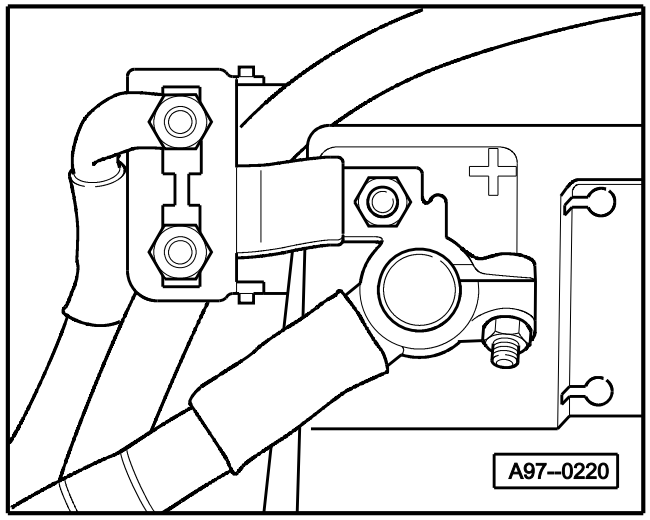
Hazard warning light relay, Motronic control unit, diesel direct injection system control unit, 4LV (injection system) control unit, convenience system central control unit

J2	Hazard warning light relay
J17	Fuel pump relay
J220	Motronic control unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J393	Convenience system central control unit
J537	4LV (injection system) control unit
K75	Airbag warning lamp
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models with engine codes AMF and ANY
**	Only applies to models with engine code BAD
***	Only applies to models with engine code BBY

Anti-lock brake system (ABS) MK60 with electronic stabilisation program (ESP)

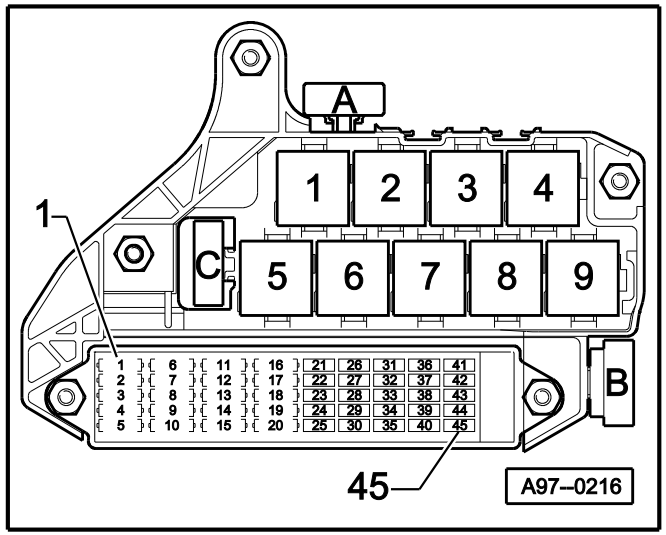
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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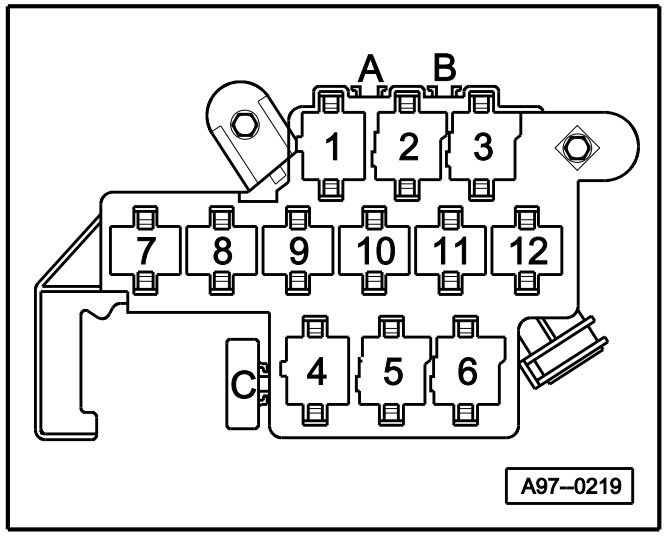
♦ In dash panel, driver's side

6 - Bulb check warning unit (K41)
7 - Bulb check warning unit (K41)

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

C - ABS control unit fuse 1 (S123)

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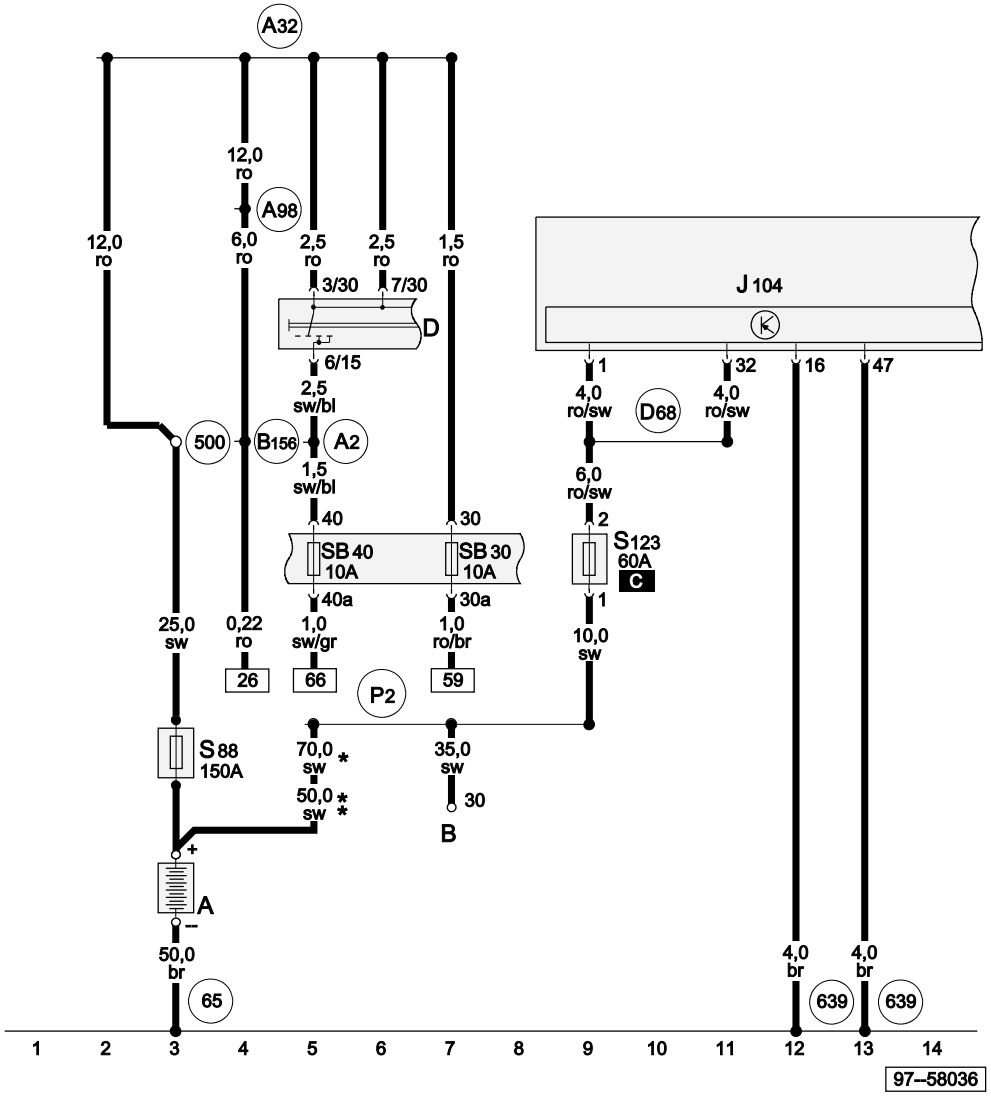
Battery, ignition/starter switch, ABS with EDL control unit, ABS control unit fuse 1



ws = white
sw = black
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gn = green
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gr = grey
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ge = yellow
or = orange
rs = pink

A	Battery
B	Starter
D	Ignition/starter switch
J104	ABS with EDL control unit
S88	Strip fuse
S123	ABS control unit fuse 1
SB30	Fuse -30- on fuse box
SB40	Fuse -40- on fuse box
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
639	Earth point, left A pillar
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
D68	Positive (+) connection (30 - for ABS), in engine compartment wiring harness
P2	Positive (+) connection (30), in battery wiring harness

* Only applies to models with engine codes ANY, AMF, ATL and BHC
** Only applies to models with engine codes BAD and BBY

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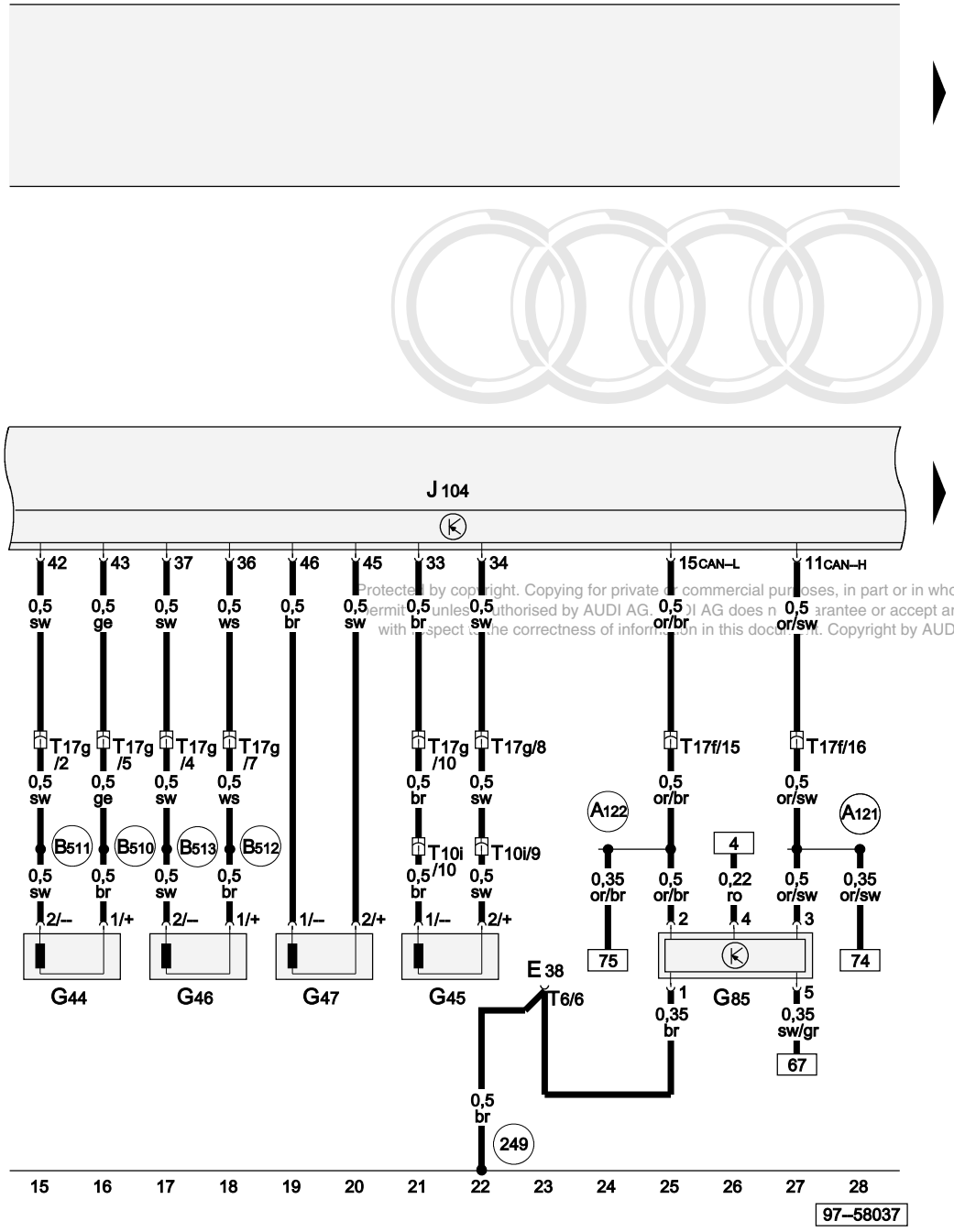

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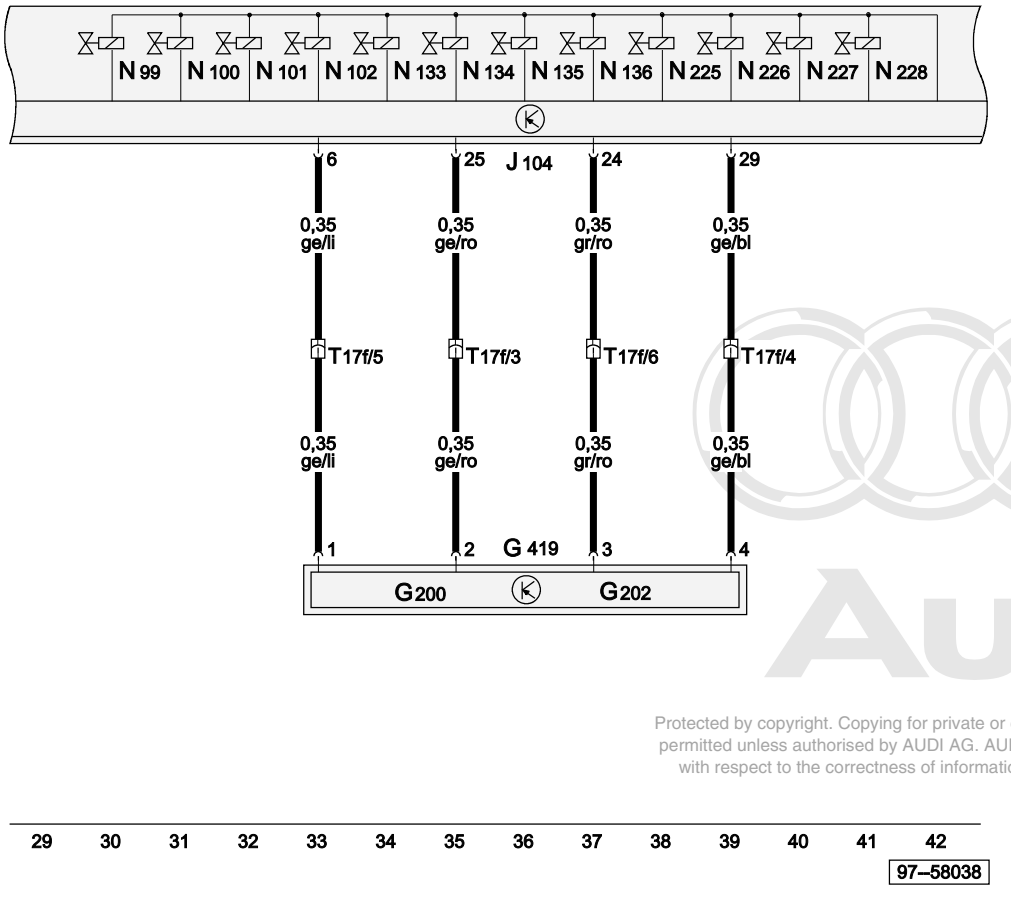
Rear right speed sensor, front right speed sensor, rear left speed sensor, front left speed sensor, steering angle sender

E38	Intermittent wiper control
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
G85	Steering angle sender
J104	ABS with EDL control unit
T6	6-pin connector, brown, behind steering column switch trim
T10i	10-pin connector, black, connector point, A pillar, right
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
249	Earth connection -2-, in interior wiring harness
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
B510	Connection -1- (rear right speed sensor), in interior wiring harness
B511	Connection -2- (rear right speed sensor), in interior wiring harness
B512	Connection -1- (rear left speed sensor), in interior wiring harness
B513	Connection -2- (rear left speed sensor), in interior wiring harness



ESP sensor unit, front right ABS inlet valve, front right ABS outlet valve, electronic stabilisation program switch valve -1-, electronic stabilisation program high pressure valve -1-

G200	Lateral acceleration sender
G202	Yaw rate sender
G419	ESP sensor unit
J104	ABS with EDL control 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 stabilisation program switch valve -1-
N226	Electronic stabilisation program switch valve -2-
N227	Electronic stabilisation program high pressure valve -1-
N228	Electronic stabilisation program high pressure valve -2-
T17f	17-pin connector, white, connector point, A pillar, left

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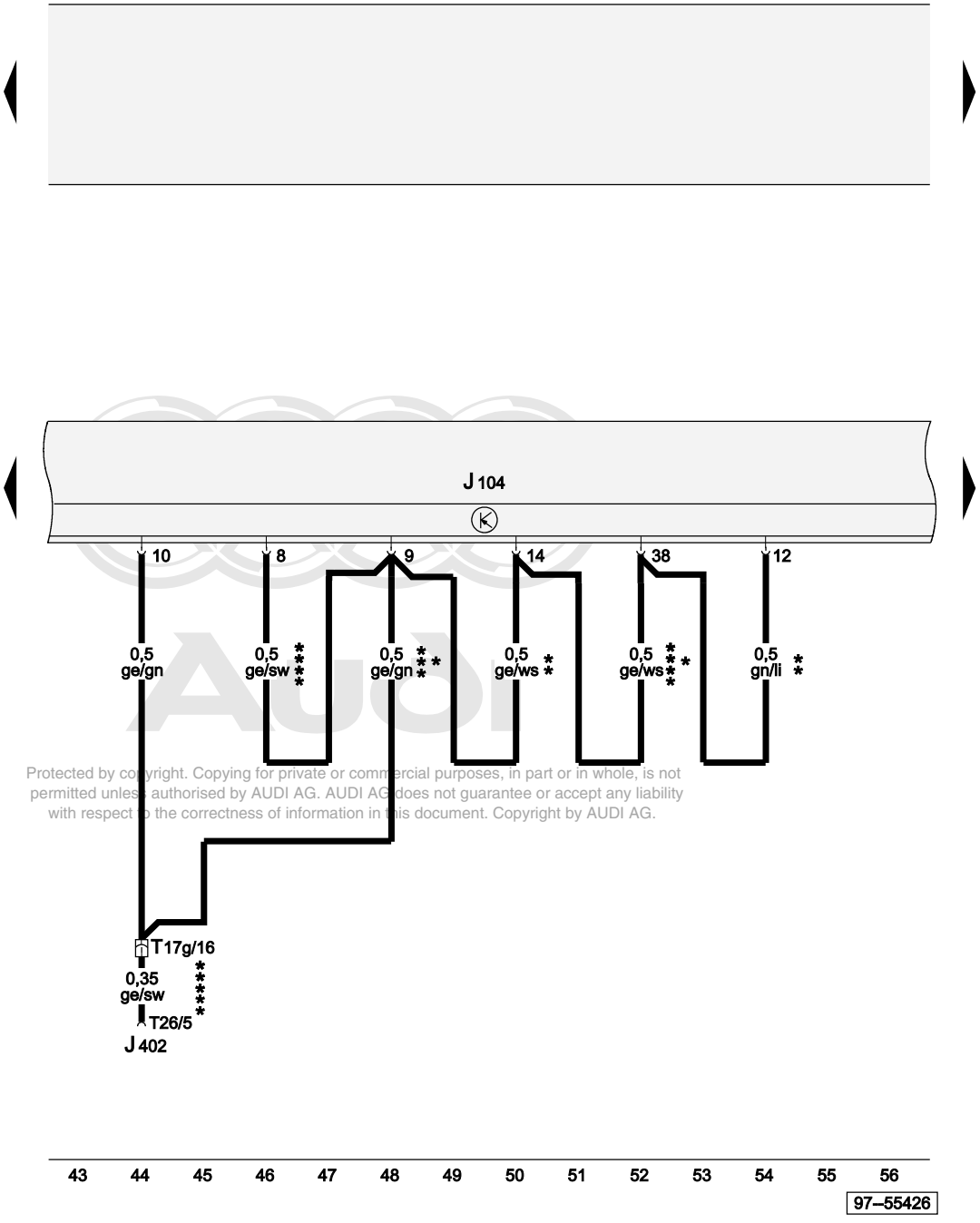

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ABS with EDL control unit

J104	ABS with EDL control unit
J402	Operating electronics control unit, navigation
T17g	17-pin connector, red, connector point, A pillar, left
T26	26-pin connector, black, radio connector
*	Only applies to models with engine code ANY, without power steering
**	Only applies to models with engine code ANY, with power steering
***	Only applies to models with engine codes AMF, BBY and BHC
****	Only applies to models with engine codes ATL and BAD
*****	Only applies to models with radio navigation system

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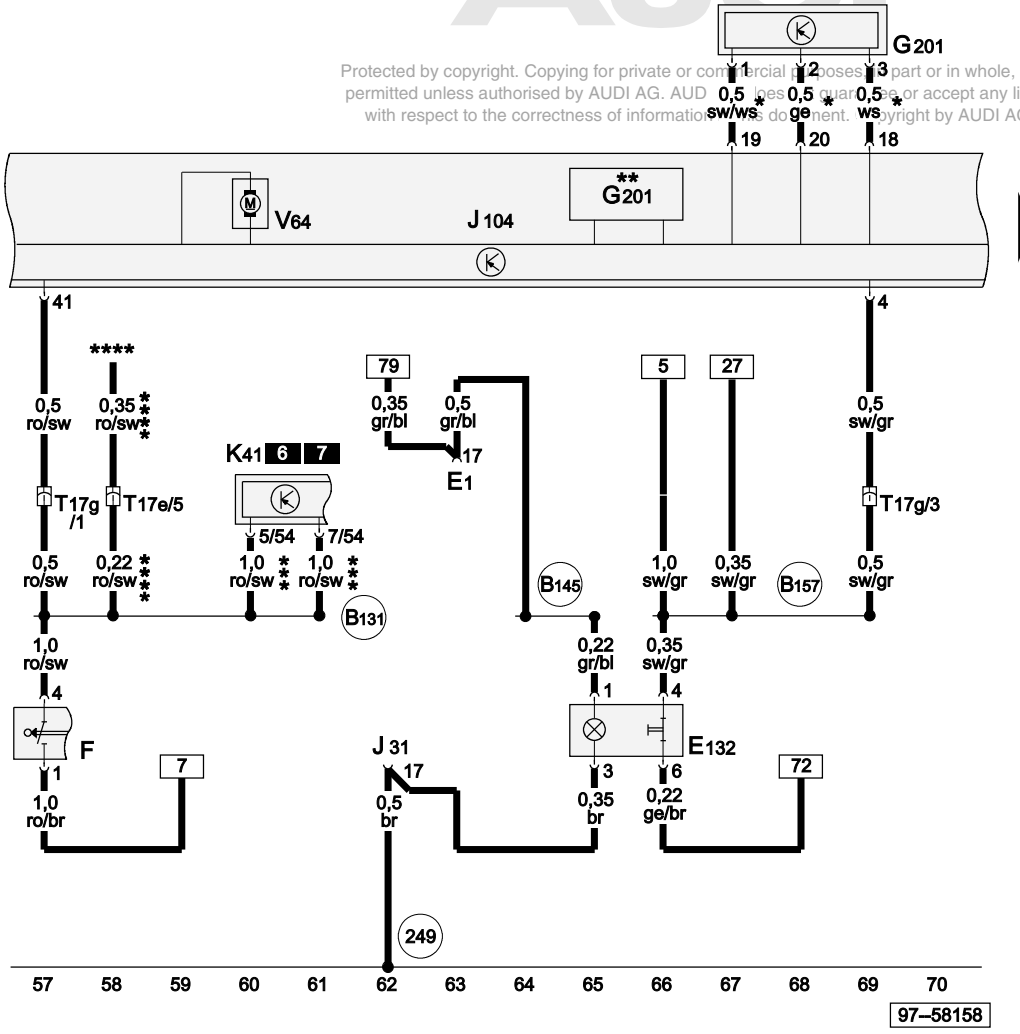

ws = white
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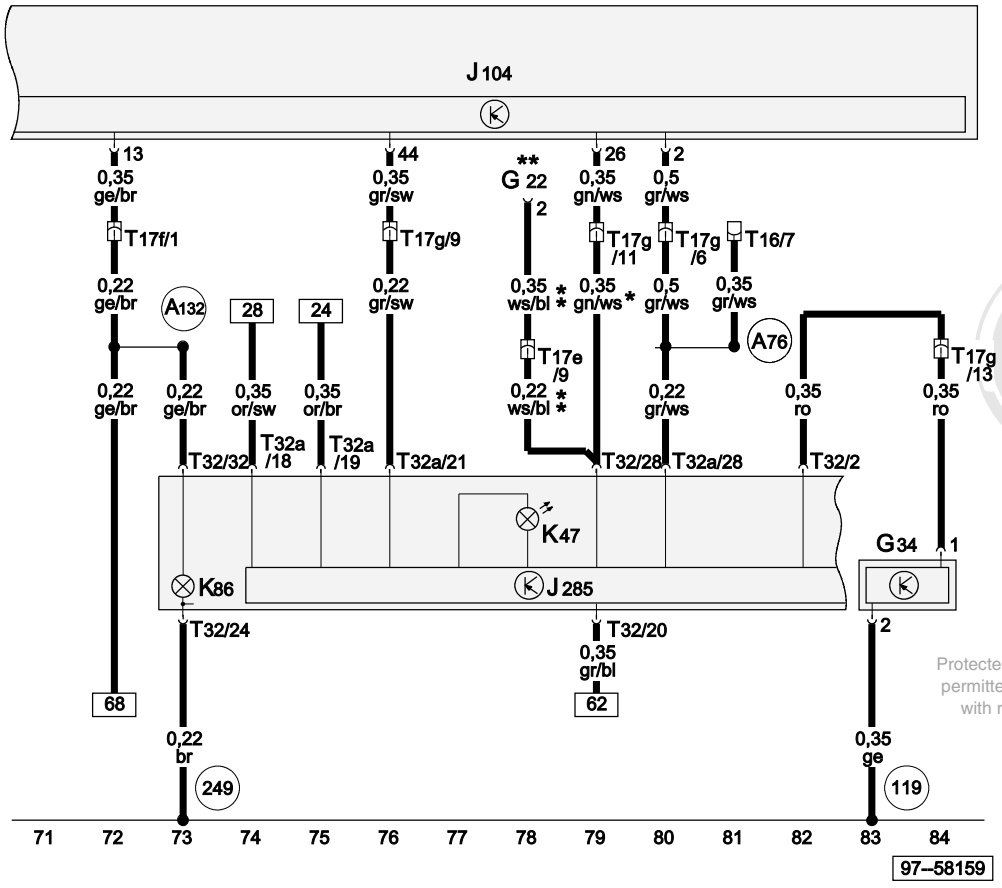
Traction control system switch, brake light switch, ABS with EDL control unit, brake pressure sender -1-, ABS hydraulic pump

E1	Lighting switch
E132	Traction control system switch
F	Brake light switch
G201	Brake pressure sender -1-
J31	Automatic intermittent wash/wipe relay
J104	ABS with EDL control unit
K41	Bulb check warning unit
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
V64	ABS hydraulic pump
249	Earth connection -2-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
B157	Positive (+) connection -3- (15a), in interior wiring harness
*	With the introduction of MK60, generation 2, no longer fitted, phased-in modification
**	Phased-in modification, with the introduction of MK60, generation 2
***	Only applies to models with driver information system
****	⇒ Applicable engine Current Flow Diagram

Front left brake lining/pad wear sender, ABS with EDL control unit, control unit with display in dash panel insert

G22	Speedometer sender (Hall sender, on gearbox)
G34	Brake lining/pad wear sender, front left
J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K47	ABS warning lamp
K86	Traction control system warning lamp
T16	16-pin connector, diagnostic connector, black, near fuse box
T17e	17-pin connector, blue, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
119	Earth connection -1-, in headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A132	Connection (TCS/ESP), in dash panel wiring harness
*	Does not apply to models with engine code ANY
**	Only applies to models with engine code ANY



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or	=	orange
rs	=	pink

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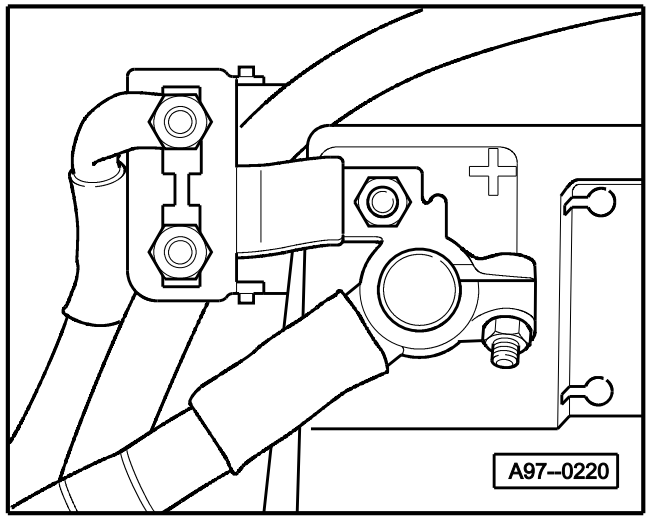
Sliding/tilting sunroof

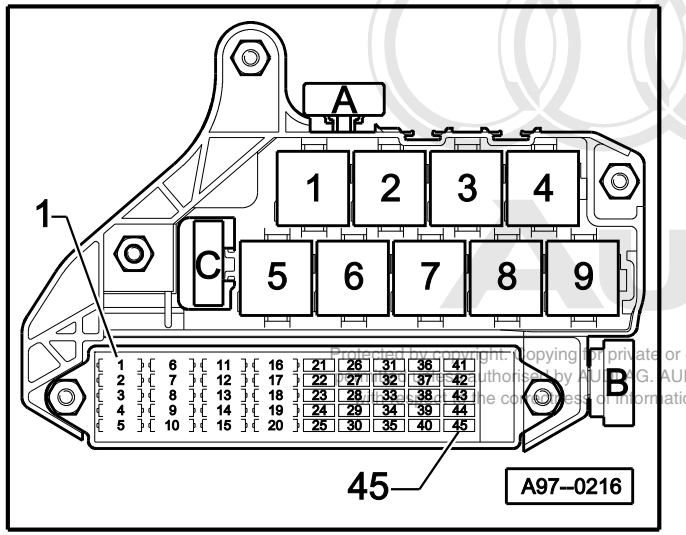
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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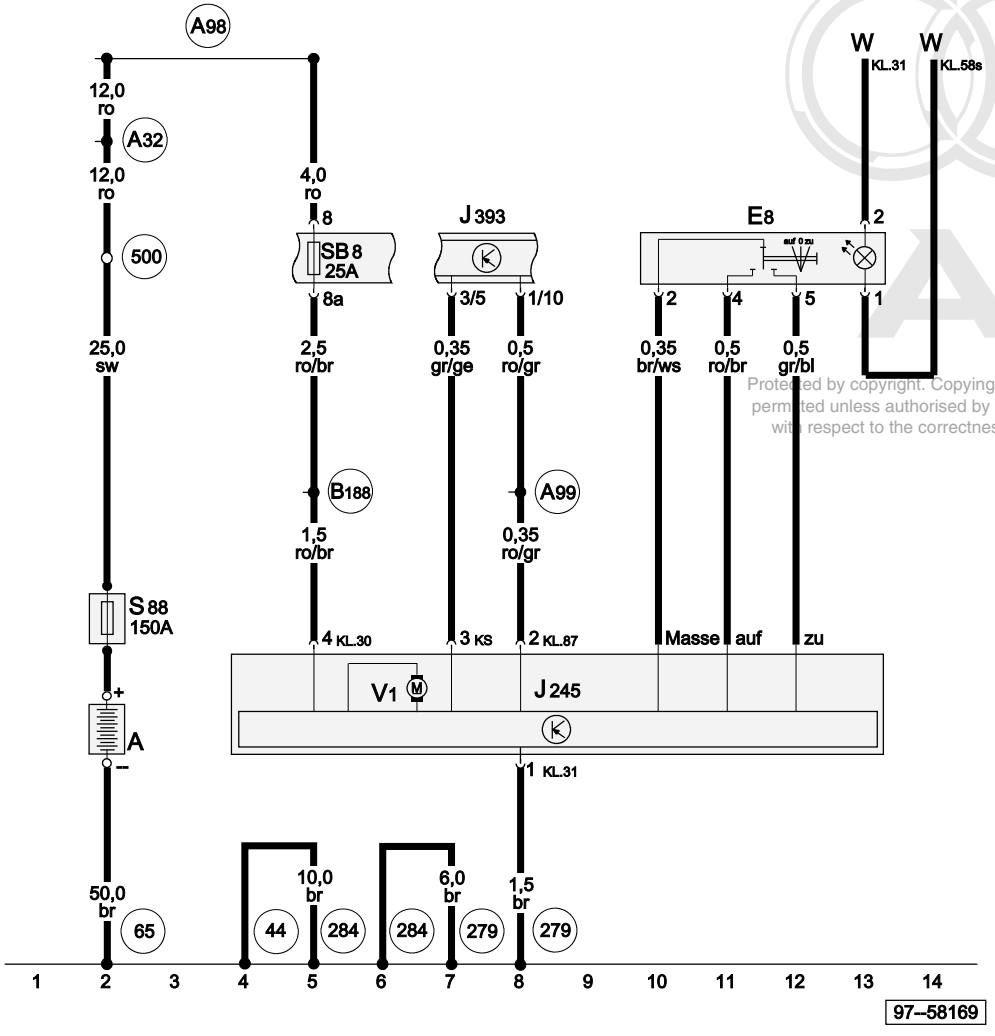
Sunroof switch, sliding sunroof adjustment control unit, convenience system central control unit, sliding sunroof motor

A	Battery
E8	Sunroof switch
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
S88	Strip fuse
SB8	Fuse -8- on fuse box
V1	Sliding sunroof motor
W	Interior light, front
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B188	Positive (+) connection -5- (30), in interior 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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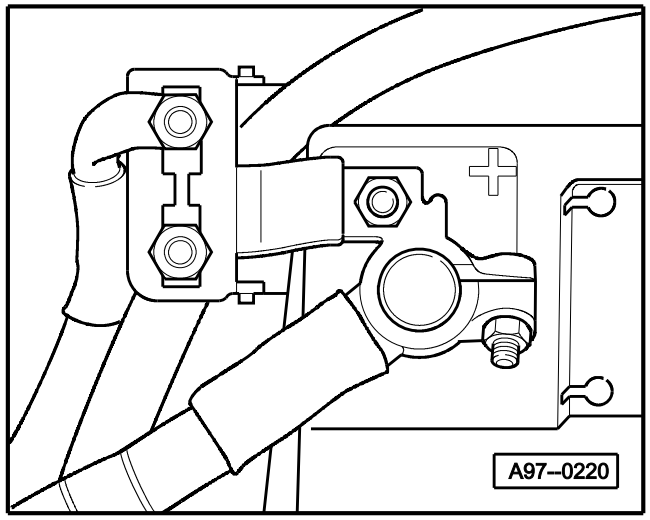
Multi-function steering wheel

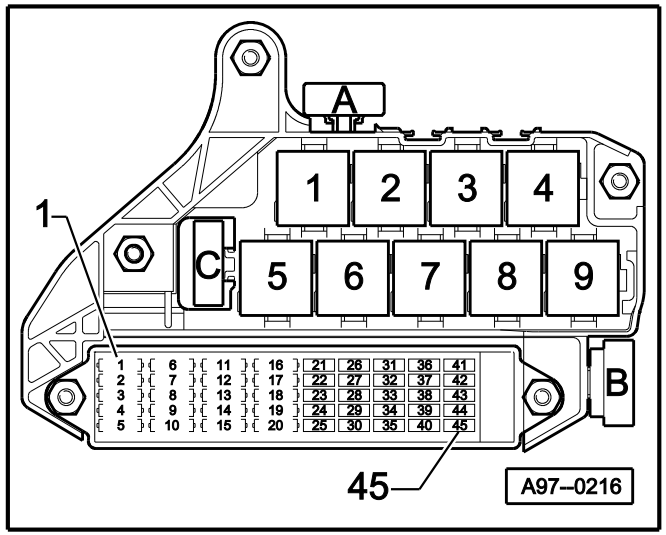
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

5 - Dual tone horn relay (J4)
A - Multi-function steering wheel fuse (S326)

Fuse colours

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

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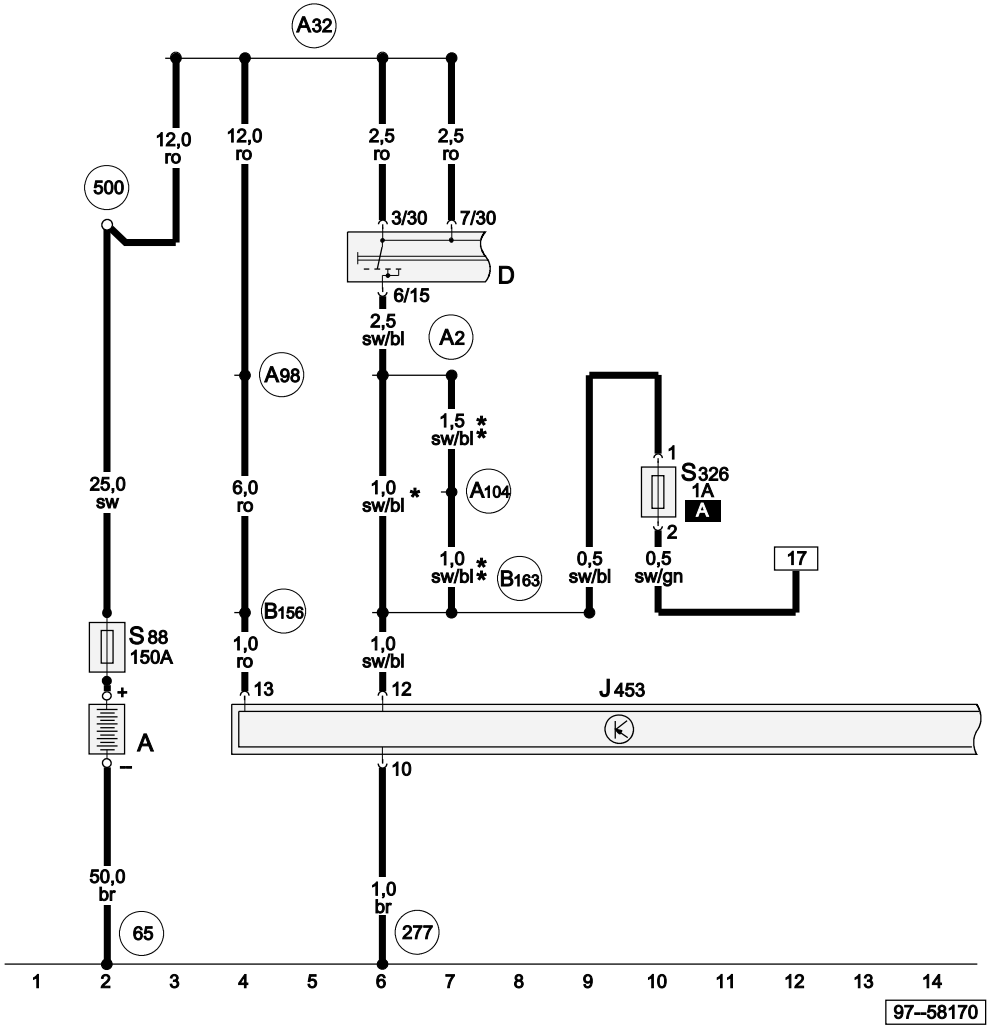

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, ignition/starter switch, multi-function steering wheel control unit, multi-function steering wheel fuse

A	Battery
D	Ignition/starter switch
J453	Multi-function steering wheel control unit
S88	Strip fuse
S326	Multi-function steering wheel fuse
65	Earth point, left longitudinal member, rear, between B and C pillar
277	Earth connection -3-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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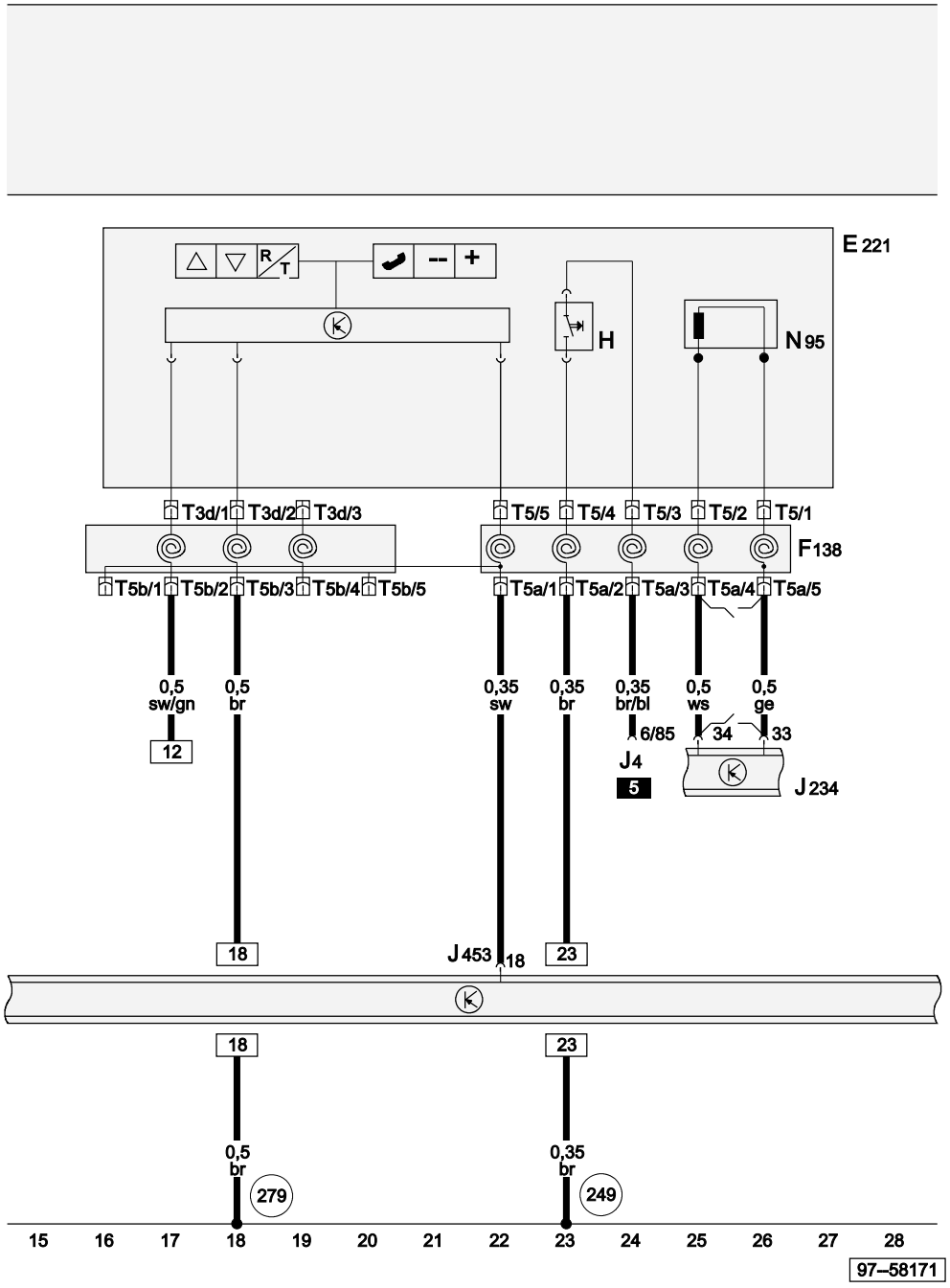

Operating unit in steering wheel, airbag coil connector/return spring with slip ring, airbag control unit, multi-function steering wheel control unit

E221	Operating unit in steering wheel
F138	Airbag coil connector/return spring with slip ring
H	Horn plate
J4	Dual tone horn relay
J234	Airbag control unit
J453	Multi-function steering wheel control unit
N95	Airbag igniter, driver's side
T3d	3-pin connector, in steering wheel
T5	5-pin connector, yellow, in steering wheel
T5a	5-pin connector, yellow, behind steering column switch trim
T5b	5-pin connector, black, behind steering column switch trim
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
<fo:external-graphic src="../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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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

Control unit with display in dash panel insert, multi-function steering wheel control unit

E1	Lighting switch
J285	Control unit with display in dash panel insert
J453	Multi-function steering wheel control unit
T16	16-pin connector, diagnostic connector, black, near fuse box
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
A76	Connection (diagnosis wire K), in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
*	Only applies to models with driver information system

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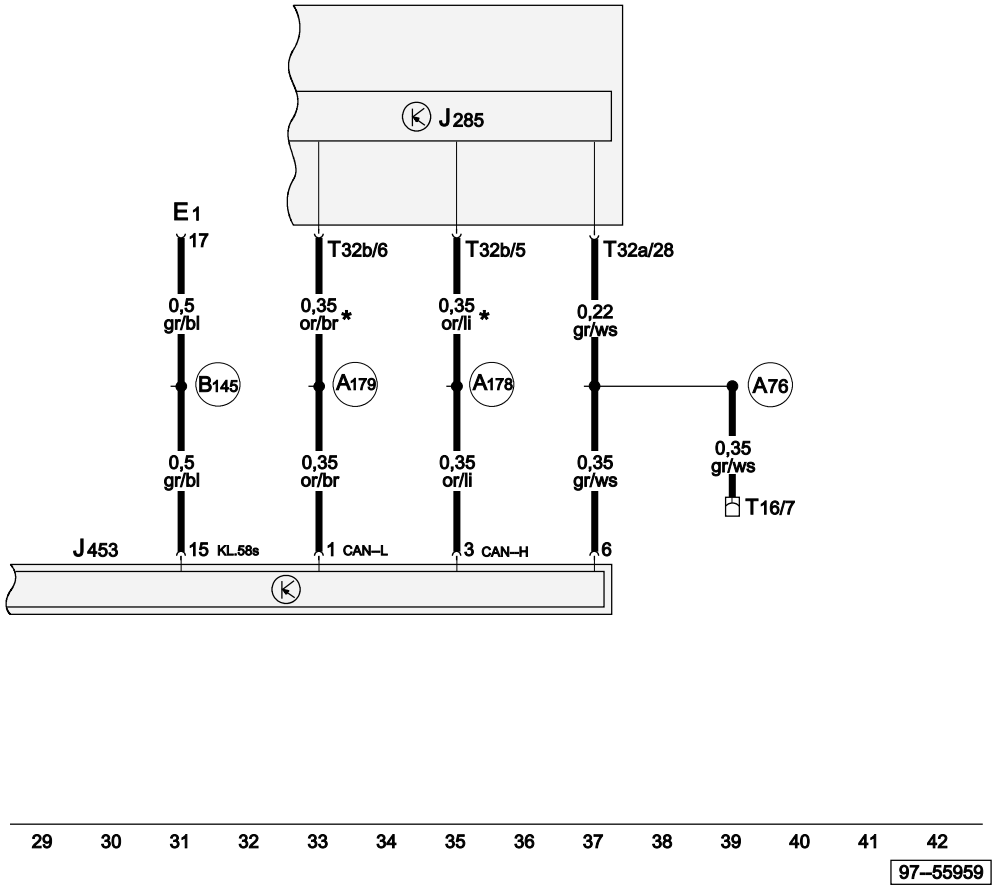
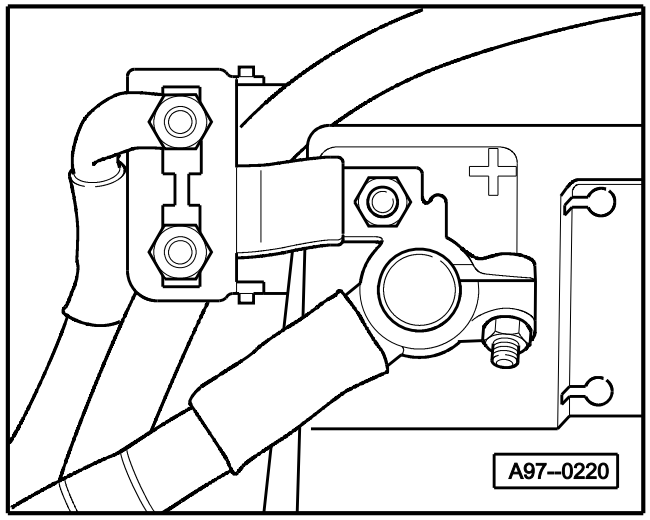


ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Trailer socket

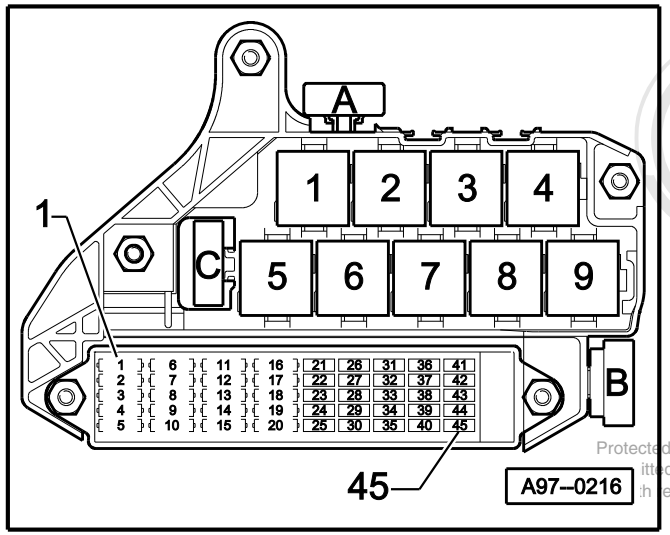
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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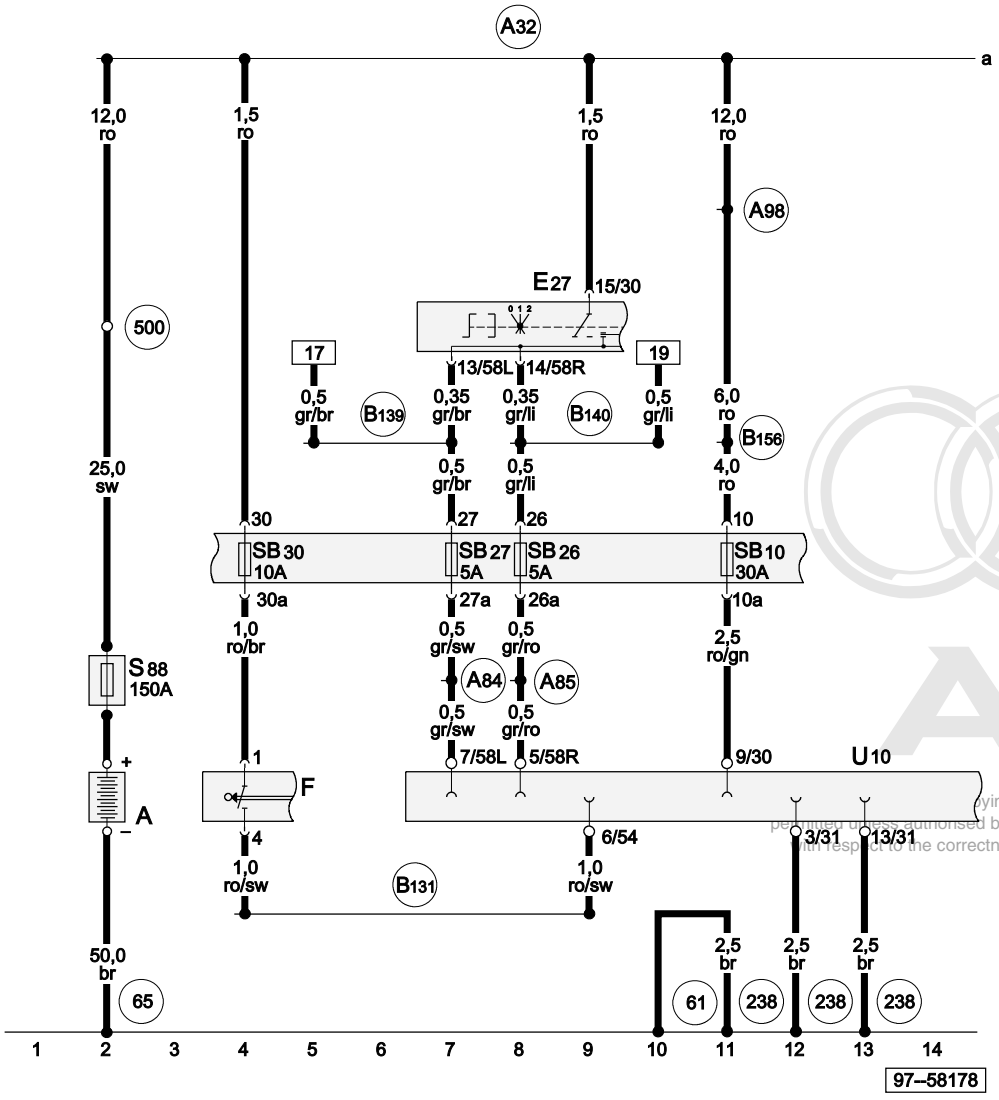

Side light switch, brake light switch, trailer socket

A	Battery
E27	Side light switch
F	Brake light switch
S88	Strip fuse
SB10	Fuse -10- on fuse box
SB26	Fuse -26- on fuse box
SB27	Fuse -27- on fuse box
SB30	Fuse -30- on fuse box
U10	Trailer socket
61	Earth point, left C pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
238	Earth connection -1-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness
A85	Connection (58R), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B131	Connection (54), in interior wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness

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

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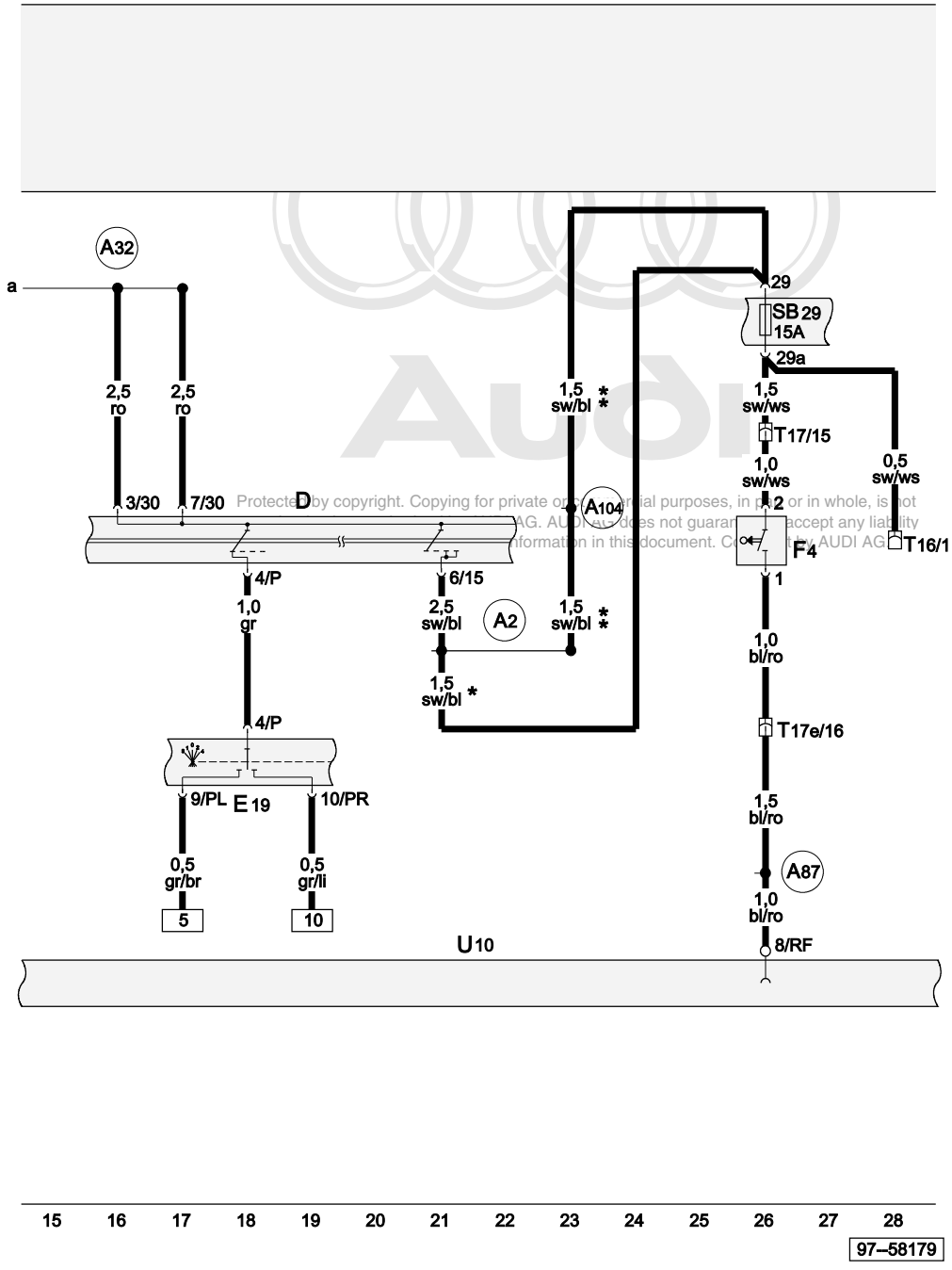

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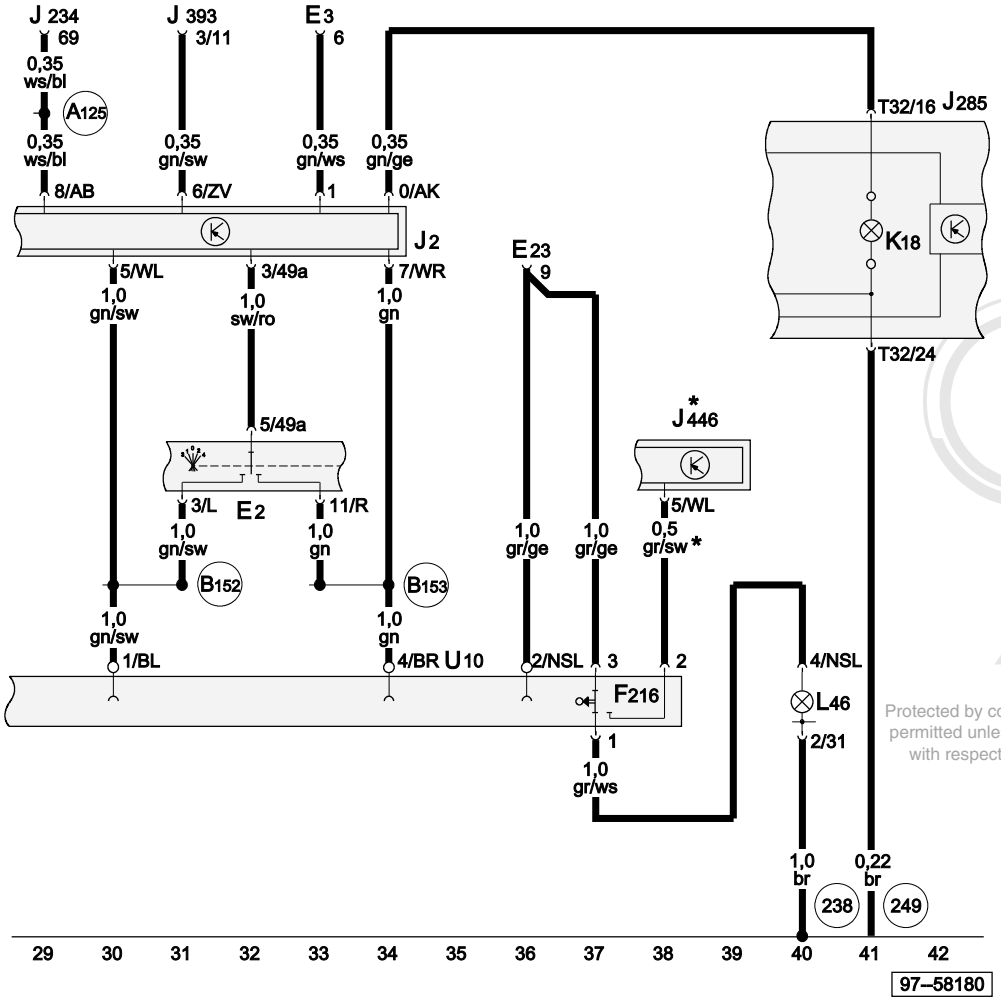
Ignition/starter switch, parking light switch, reversing light switch, trailer socket

D	Ignition/starter switch
E19	Parking light switch
F4	Reversing light switch
SB29	Fuse -29- on fuse box
U10	Trailer socket
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	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

Turn signal switch, front and rear fog light switch, hazard warning light relay, convenience system central control unit, trailer operation warning lamp



E2	Turn signal switch
E3	Hazard warning light switch
E23	Front and rear fog light switch
F216	Rear fog light cut-out, contact switch
J2	Hazard warning light relay
J234	Airbag control unit
J285	Control unit with display in dash panel insert
J393	Convenience system central control unit
J446	Parking aid control unit
K18	Trailer operation warning lamp
L46	Rear fog light bulb, left
T32	32-pin connector, blue, on dash panel insert
U10	Trailer socket
238	Earth connection -1-, in interior wiring harness
249	Earth connection -2-, in interior wiring harness
A125	Connection (crash signal), in dash panel wiring harness
B152	Connection (BL (turn signal, left)), in interior wiring harness
B153	Connection (BR (turn signal, right)), in interior wiring harness
*	Only applies to models with parking aid, rear

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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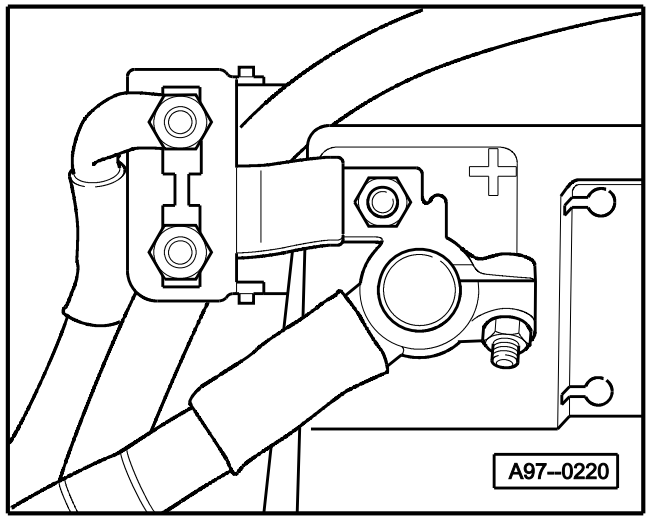
Radiator fan control - 80W (without air conditioner)

⇒ **1.2 litre unit injector, TDI engine (45 kW - 3-cylinder), engine code ANY**

⇒ **1.4 litre fuel injection engine (55 kW - Magneti Marelli - 4-cylinder), engine code BBY**

From model year 2003

Main fuse



◆ On battery

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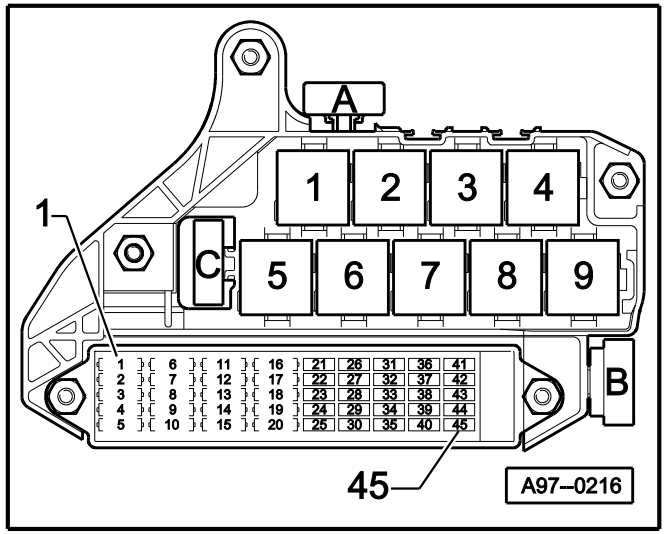
9-point relay carrier, fuse box



◆ In dash panel, driver's side

Fuse colours

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

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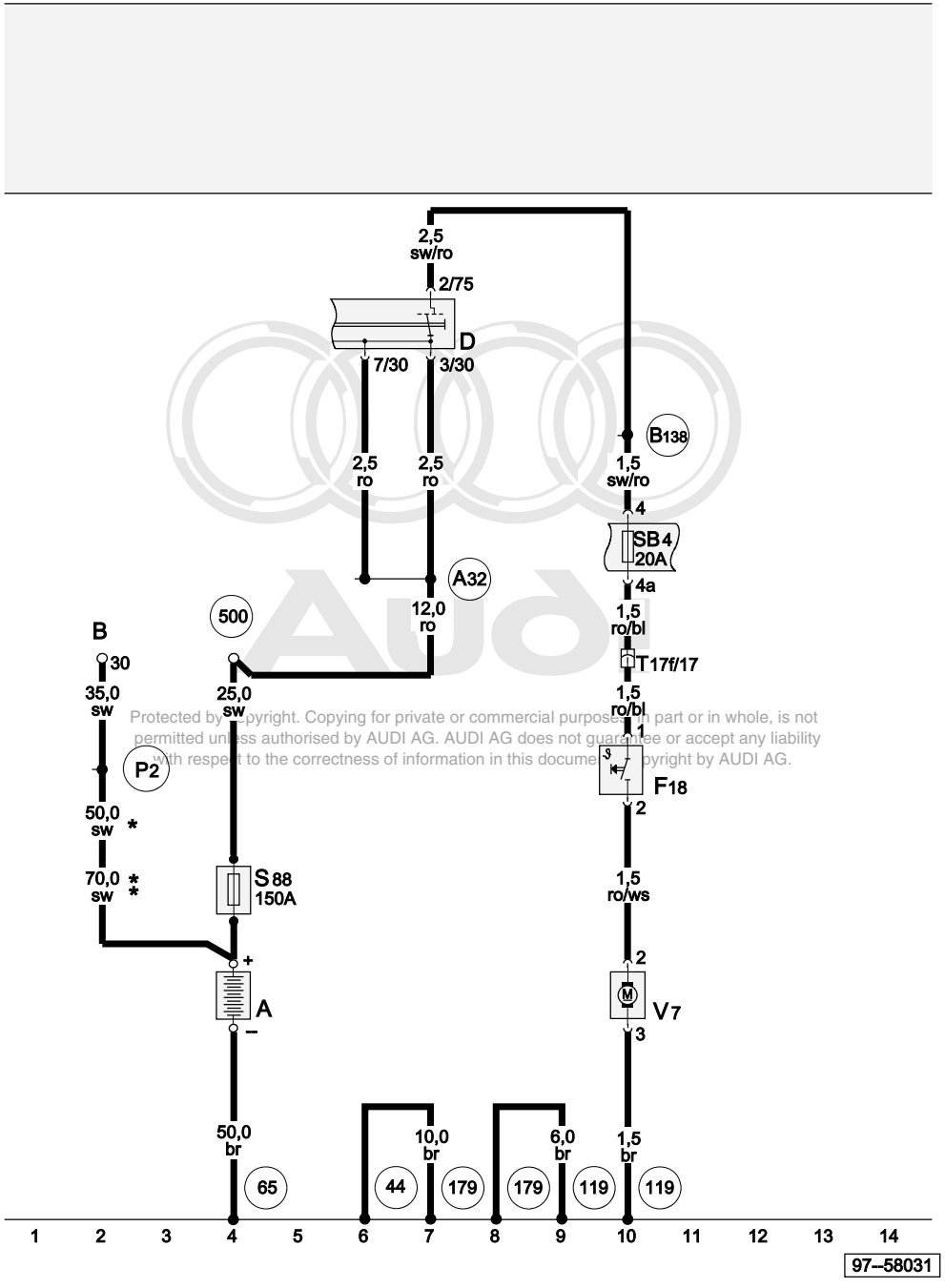

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ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, ignition/starter switch, radiator fan thermo-switch, radiator fan

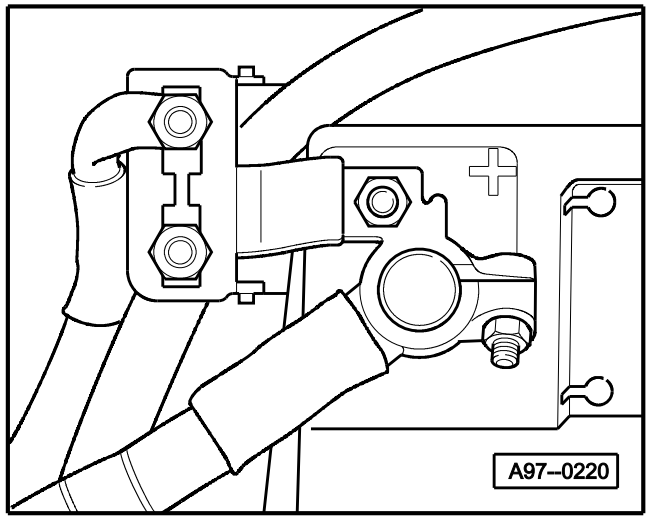
A	Battery
B	Starter
D	Ignition/starter switch
F18	Radiator fan thermo-switch
S88	Strip fuse
SB4	Fuse -4- on fuse box
T17f	17-pin connector, white, connector point, A pillar, left
V7	Radiator fan
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with engine code BBY
**	Only applies to models with engine code ANY

Radiator fan control - 60 W/100 W (without air conditioning system)

⇒ **1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF**

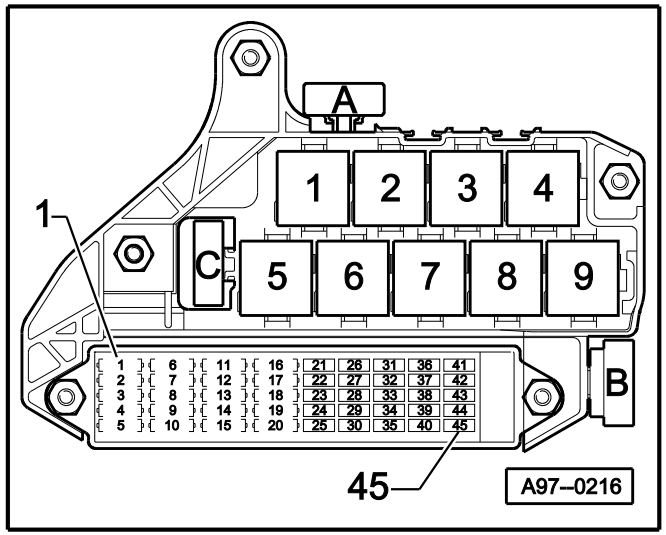
From model year 2003

Main fuse



♦ On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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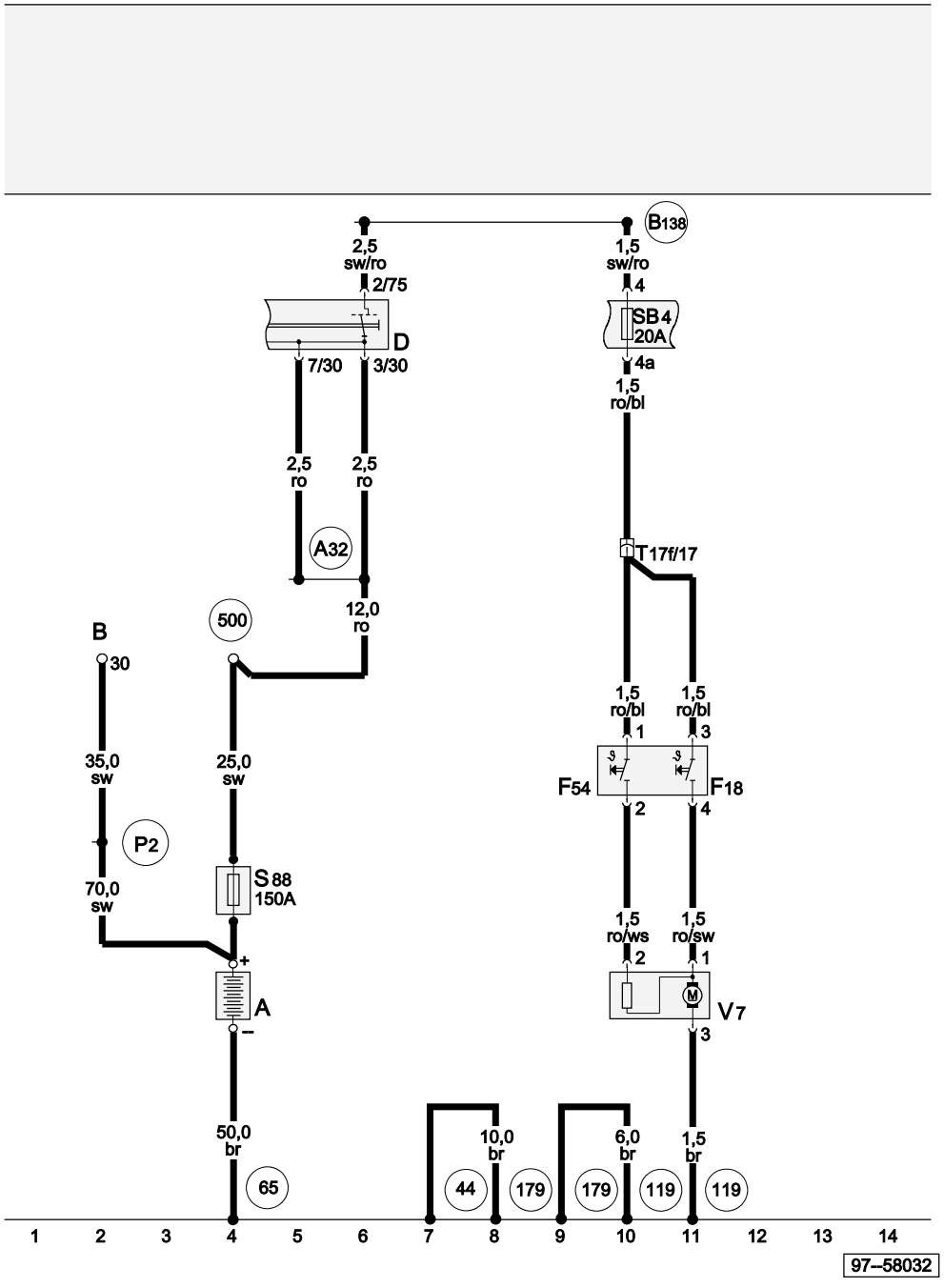

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, ignition/starter switch, radiator fan thermo-switches, radiator fan

A	Battery
B	Starter
D	Ignition/starter switch
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
S88	Strip fuse
SB4	Fuse -4- on fuse box
T17f	17-pin connector, white, connector point, A pillar, left
V7	Radiator fan
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness

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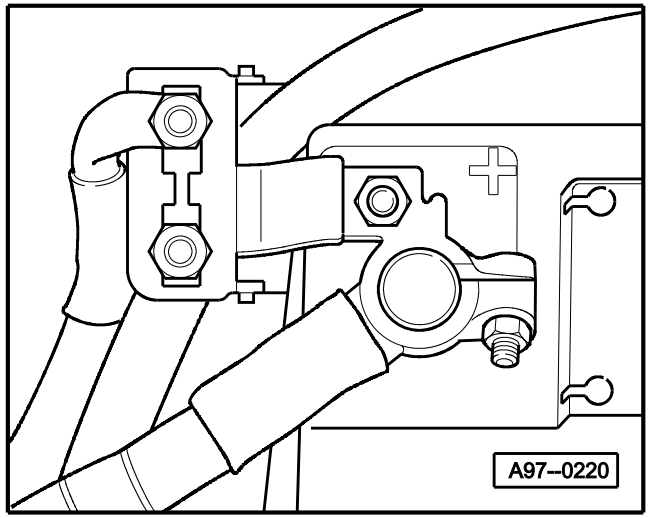
Radiator fan control - 350 W (with air conditioning system)

⇒ **1.2 litre unit injector, TDI engine (45 kW - 3-cylinder), engine code ANY**
⇒ **1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF**
⇒ **1.4 litre fuel injection engine (55 kW - Magneti Marelli - 4-cylinder), engine code BBY**
From model year 2003

Main fuse



◆ On battery

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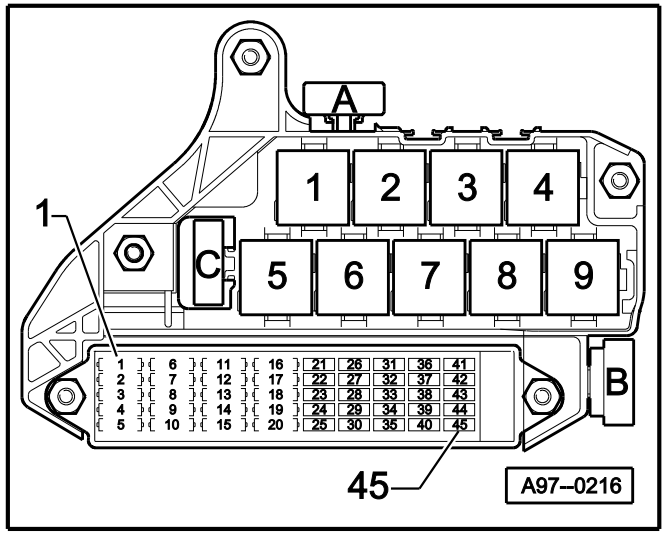
9-point relay carrier, fuse box



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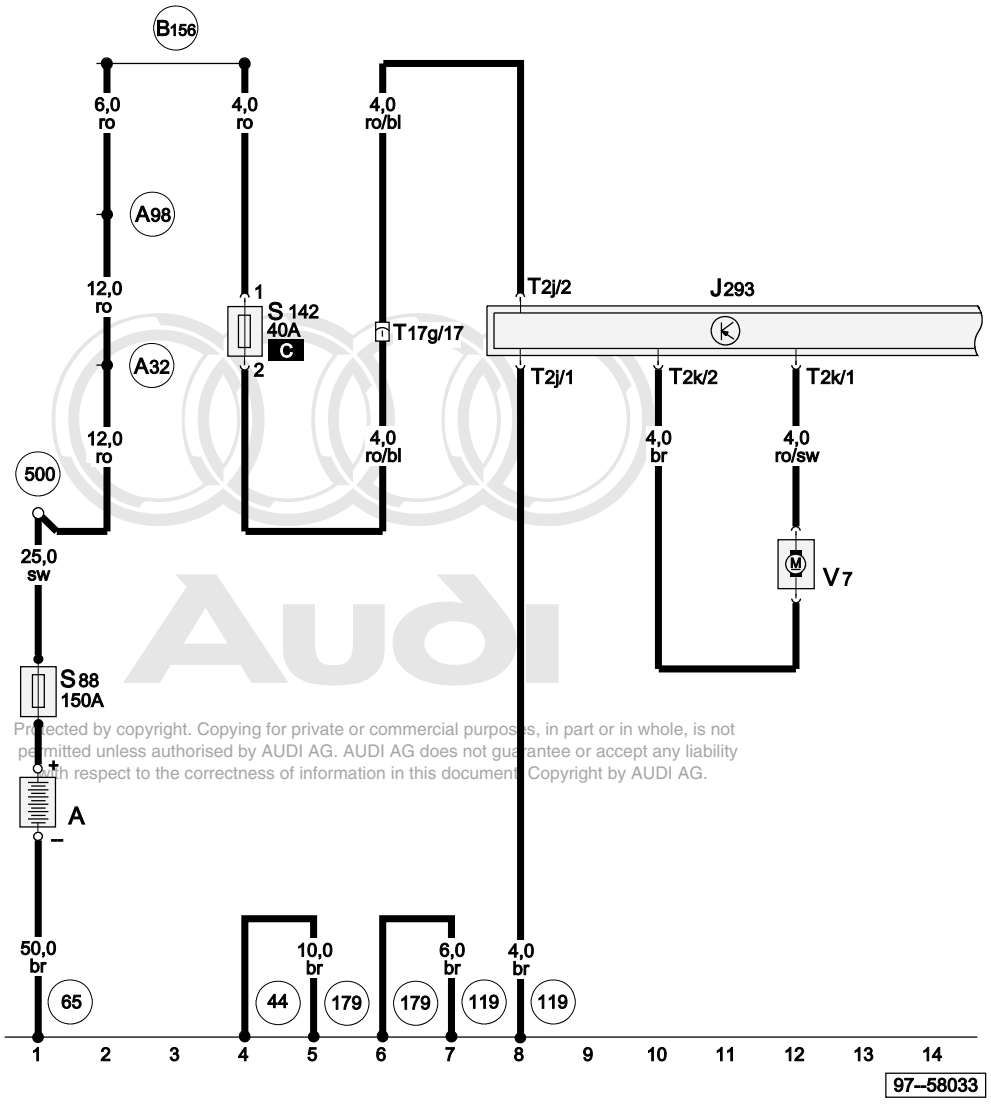
♦ In dash panel, driver's side

C - Radiator fan control unit fuse (S142)

Fuse colours

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



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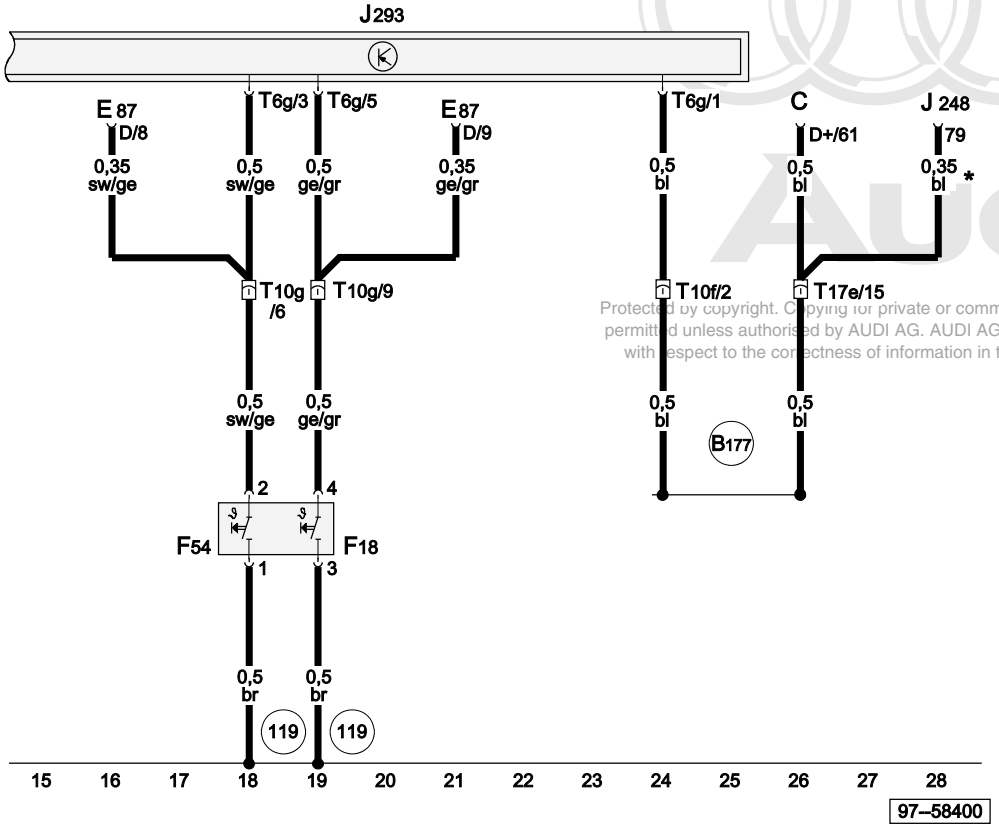
Battery, radiator fan control unit, radiator fan control unit fuse, radiator fan

A	Battery
J293	Radiator fan control unit
S88	Strip fuse
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness

Air conditioning system/Climatronic operating and display unit, radiator fan thermo-switches, radiator fan control unit

C	Alternator
E87	Air conditioning system/Climatronic operating and display unit
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J248	Diesel direct injection system control unit
J293	Radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
(119)	Earth connection -1-, in headlight wiring harness
(B177)	Connection (61), in interior wiring harness
*	Only applies to models with engine code AMF



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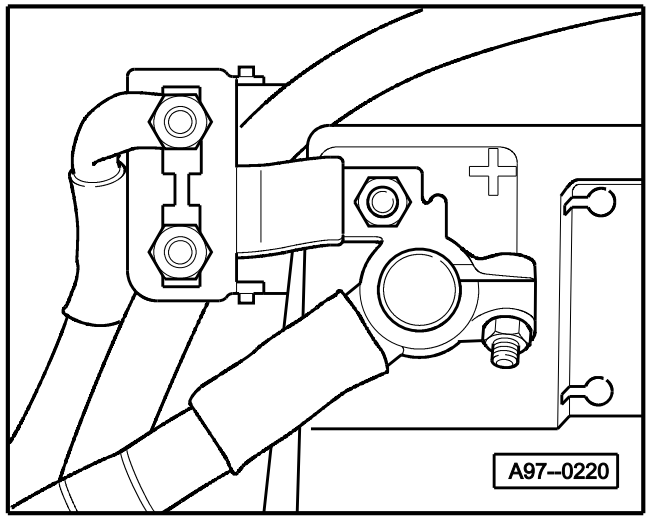
Automatic anti-dazzle interior mirror

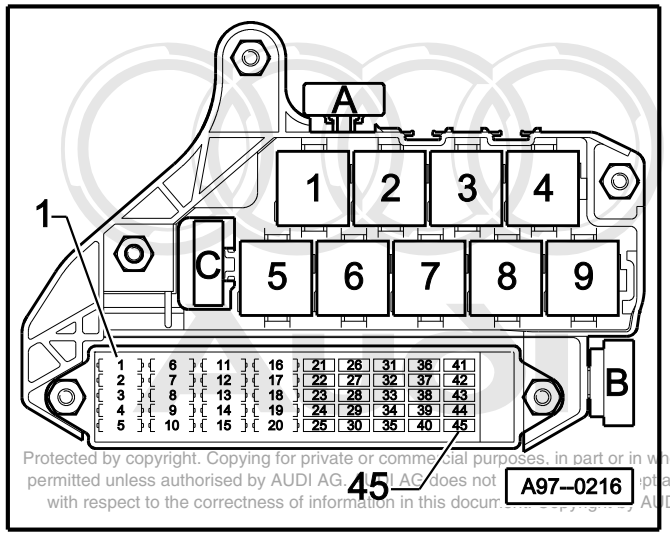
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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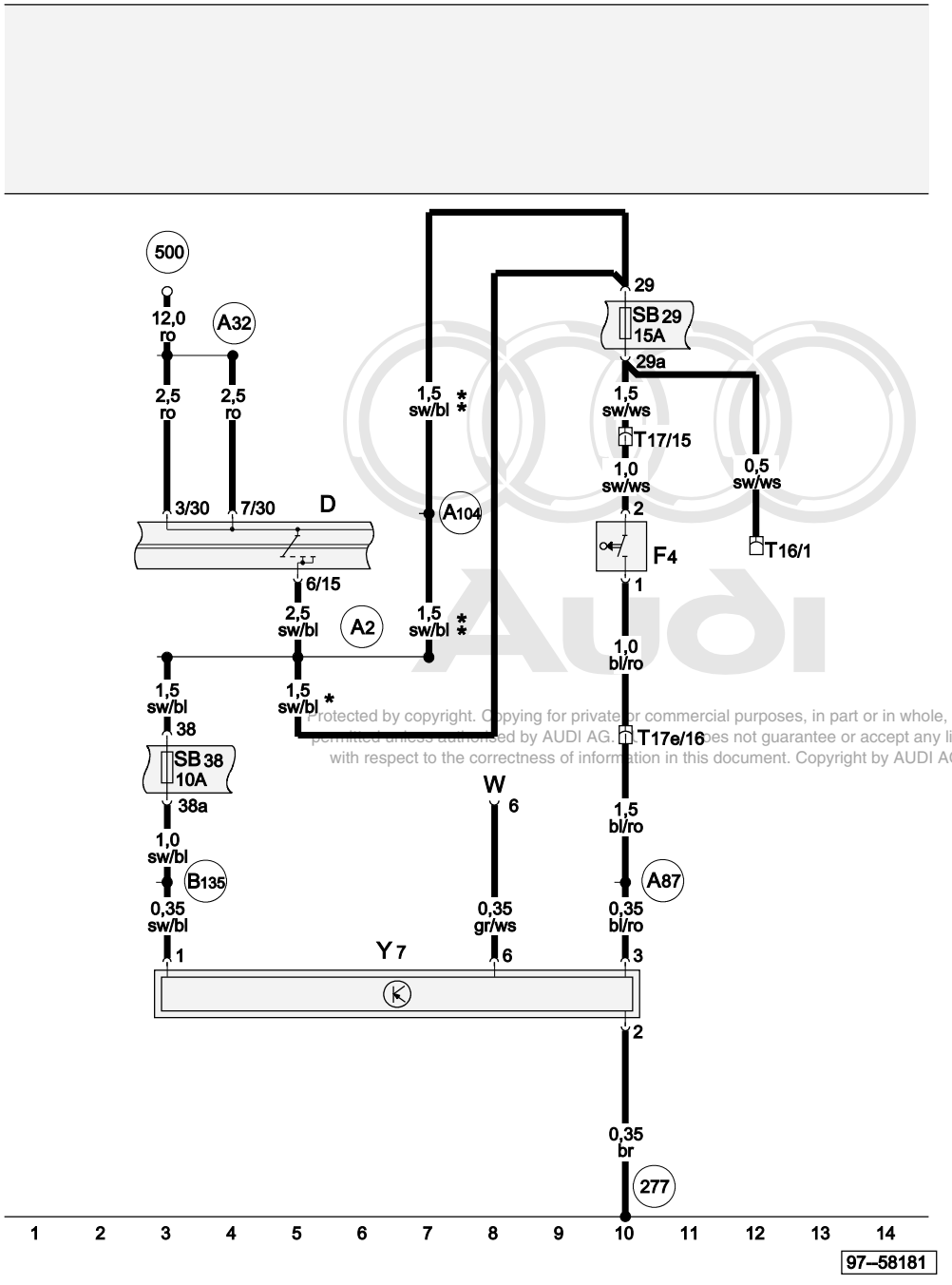

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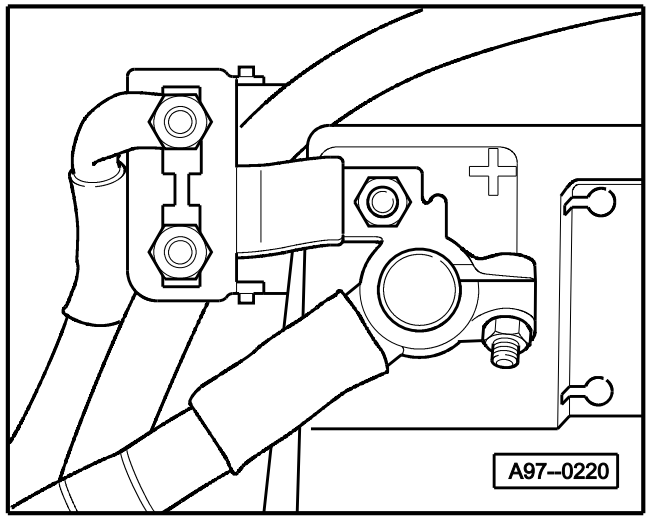
Ignition/starter switch, reversing light switch, front interior light, automatic anti-dazzle interior mirror

D	Ignition/starter switch
F4	Reversing light switch
SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
W	Interior light, front
Y7	Automatic anti-dazzle interior mirror
277	Earth connection -3-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

CAN bus wires

From model year 2003

Main fuse



♦ On battery

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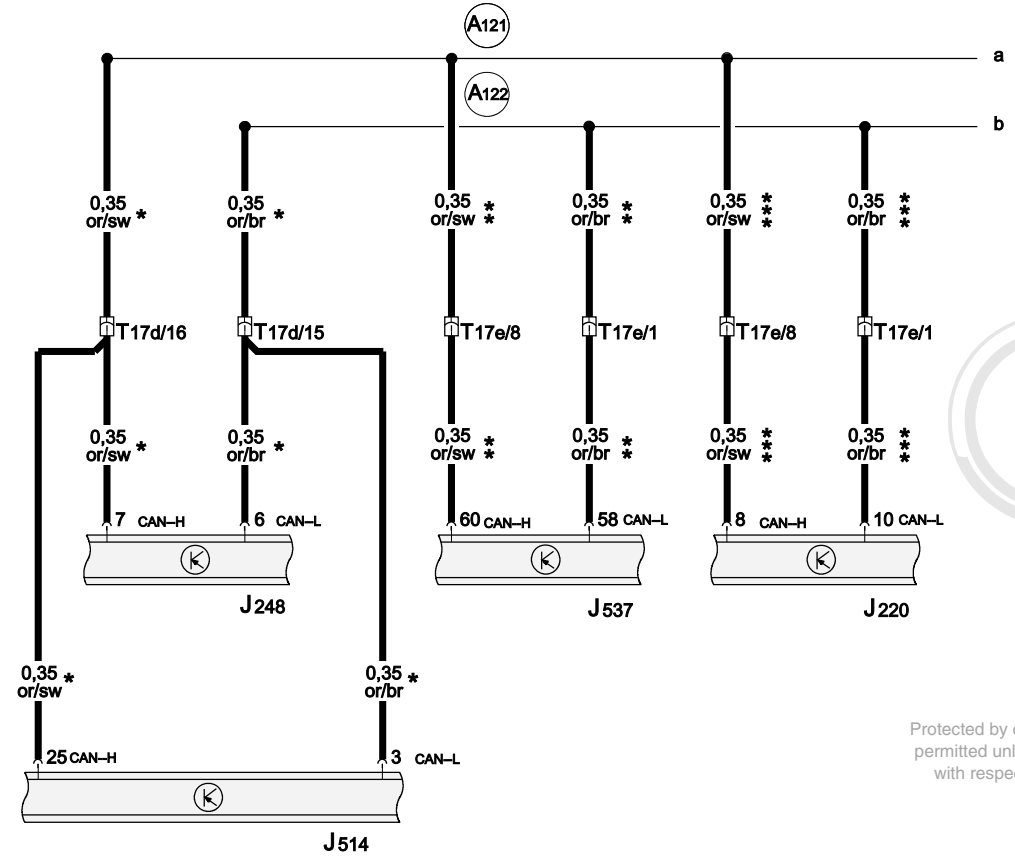

Motronic control unit, diesel direct injection system control unit, electronic manual gearbox control unit, 4LV (injection system) control unit

J220	Motronic control unit
J248	Diesel direct injection system control unit
J514	Electronic manual gearbox control unit
J537	4LV (injection system) control unit
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only applies to models with engine code ANY
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD

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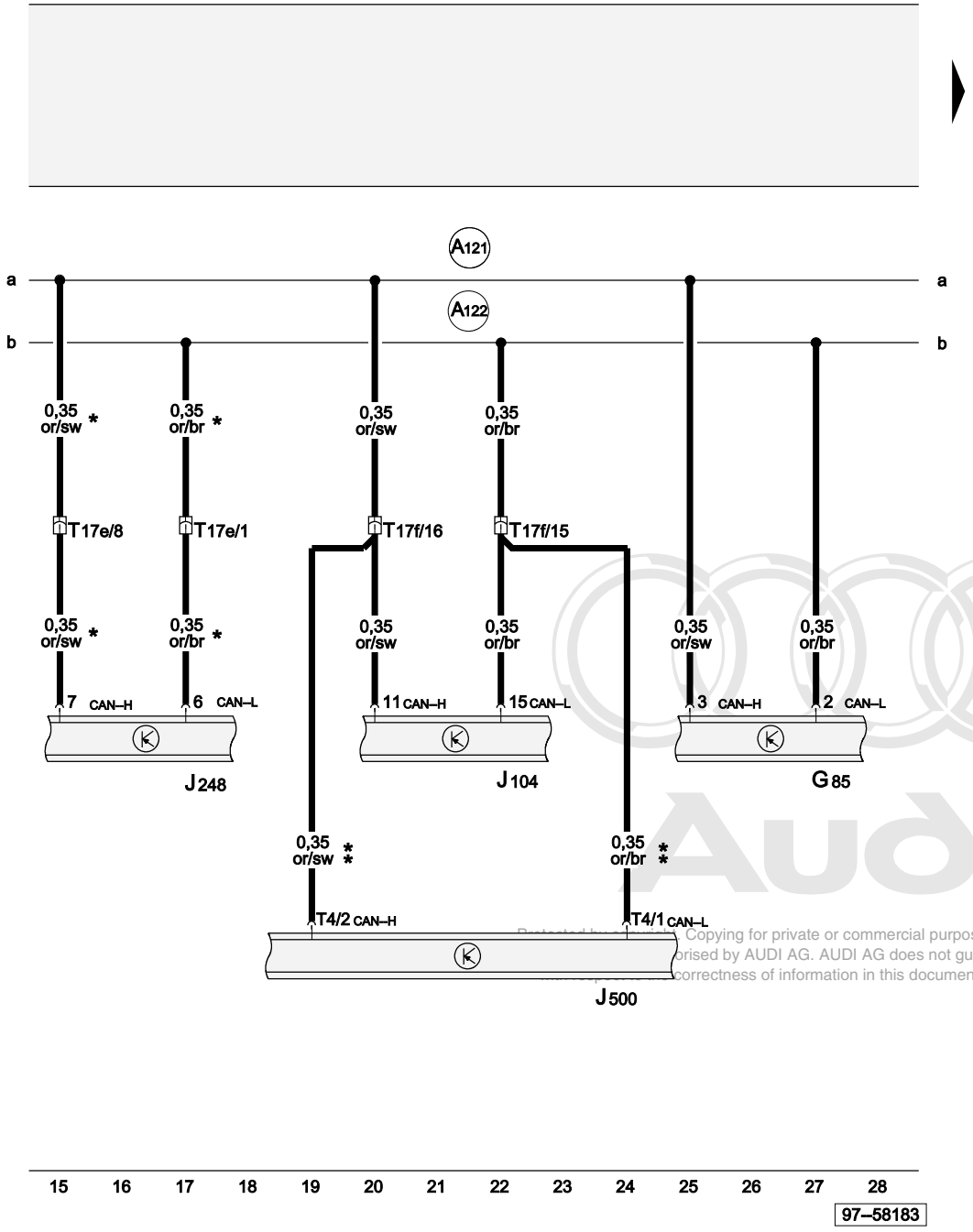

Steering angle sender, ABS with EDL control unit, diesel direct injection system control unit, power steering control unit

G85	Steering angle sender
J104	ABS with EDL control unit
J248	Diesel direct injection system control unit
J500	Power steering control unit
T4	4-pin connector, black, on power steering control unit
T17e	17-pin connector, blue, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only applies to models with engine code AMF
**	Only applies to models with power steering

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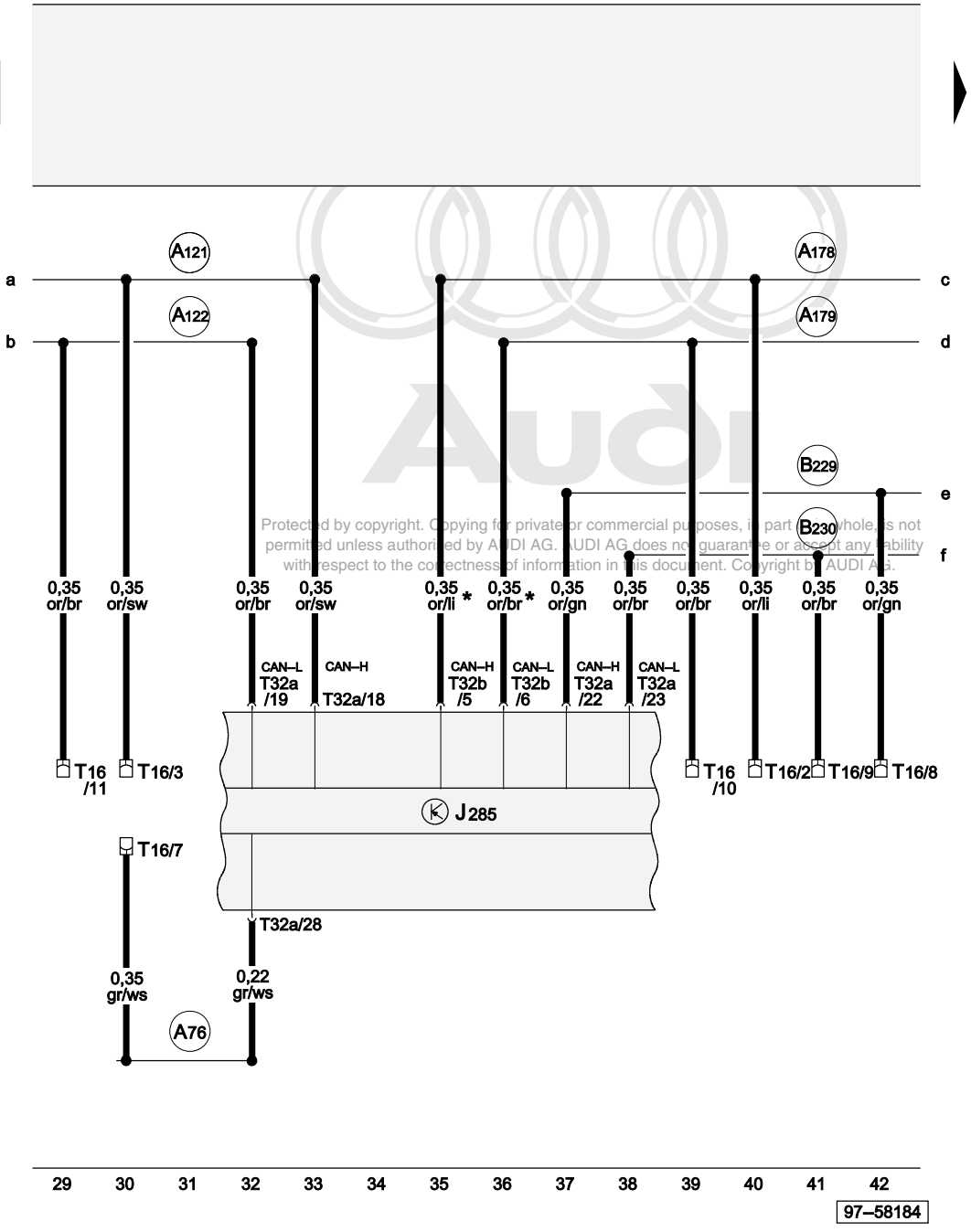

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Control unit with display in dash panel insert

J285	Control unit with display in dash panel insert
T16	16-pin connector, diagnostic connector, black, near fuse box
T32a	32-pin connector, green, on dash panel insert
T32b	32-pin connector, grey, on dash panel insert
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
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with driver information system

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gn	=	green
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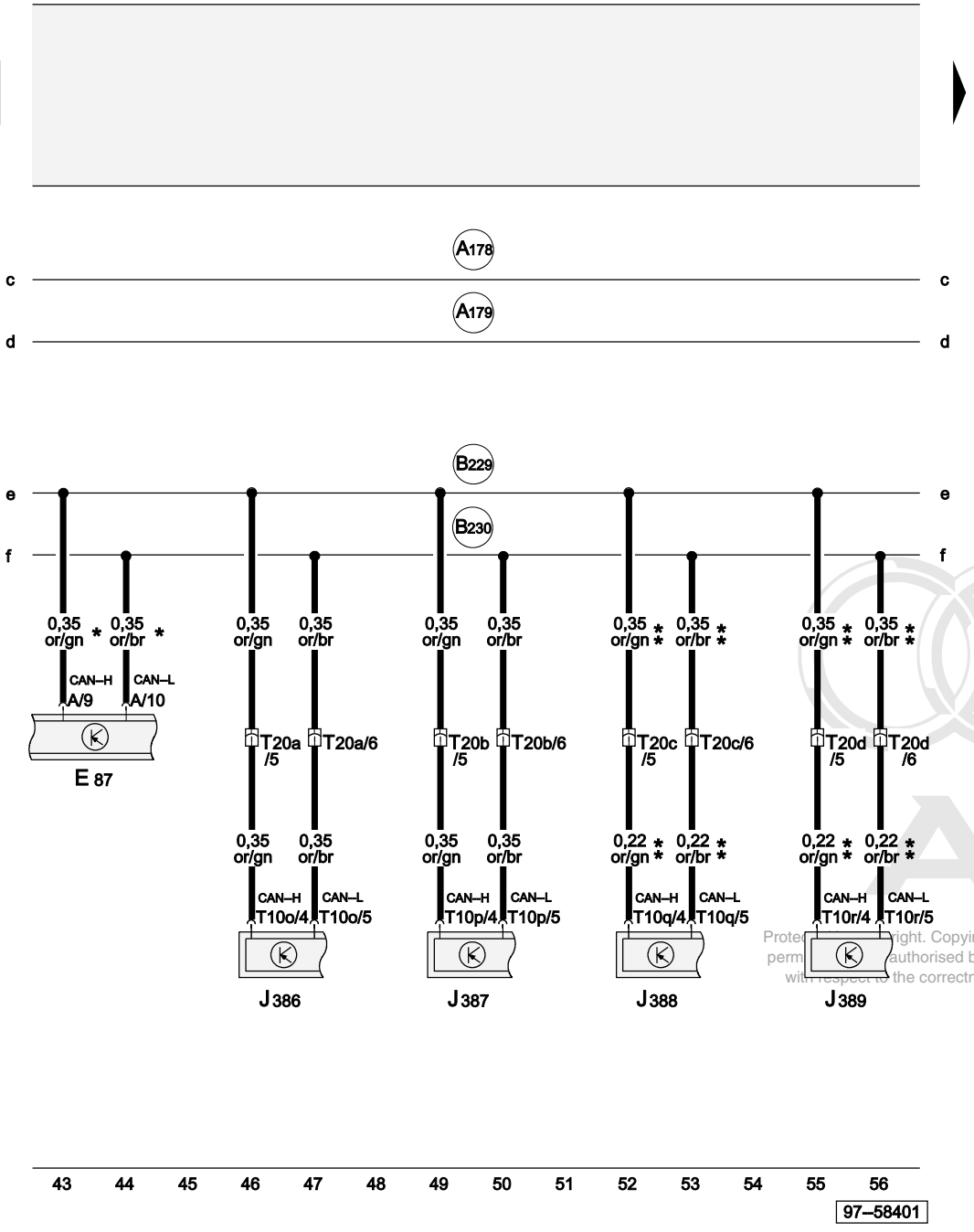

Air conditioning system/Climatronic operating and display unit, door control unit - driver's side, door control unit - front passenger's side, rear left door control unit

E87	Air conditioning system/Climatronic operating and display unit
J386	Door control unit, driver's side
J387	Door control unit, front passenger's side
J388	Door control unit, rear left
J389	Door control unit, rear right
T10o	10-pin connector, black, door control unit, driver's door
T10p	10-pin connector, black, door, front right
T10q	10-pin connector, black, door control unit, rear left
T10r	10-pin connector, black, door, rear right
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with air conditioning system
**	Only applies to models with rear electric windows

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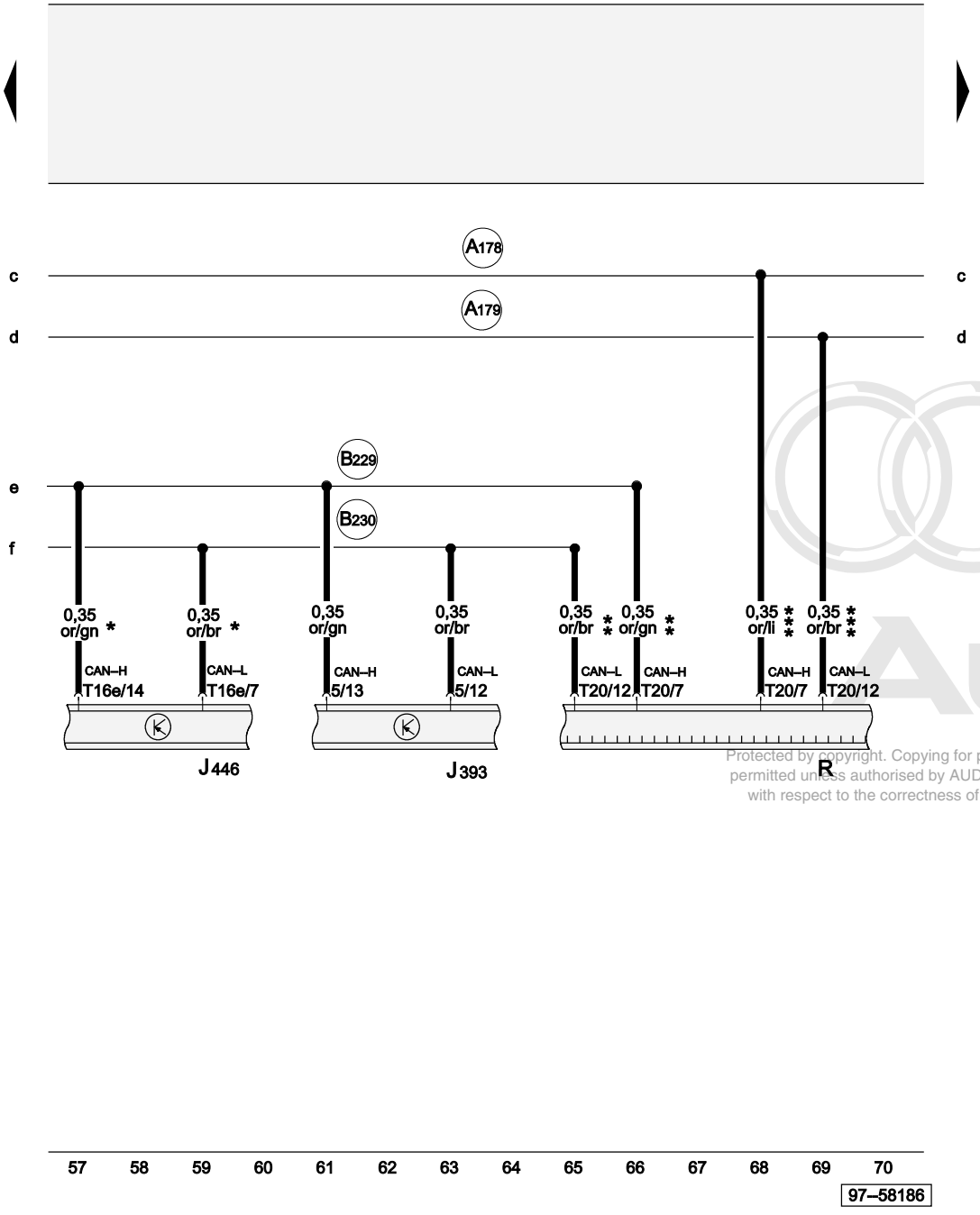

Convenience system central control unit, parking aid control unit, radio

J393	Convenience system central control unit
J446	Parking aid control unit
R	Radio
T16e	16-pin connector, black, in luggage compartment, right
T20	20-pin connector, black, radio connector I
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with parking aid, rear
**	Only applies to models without driver information system
***	Only applies to models with driver information system

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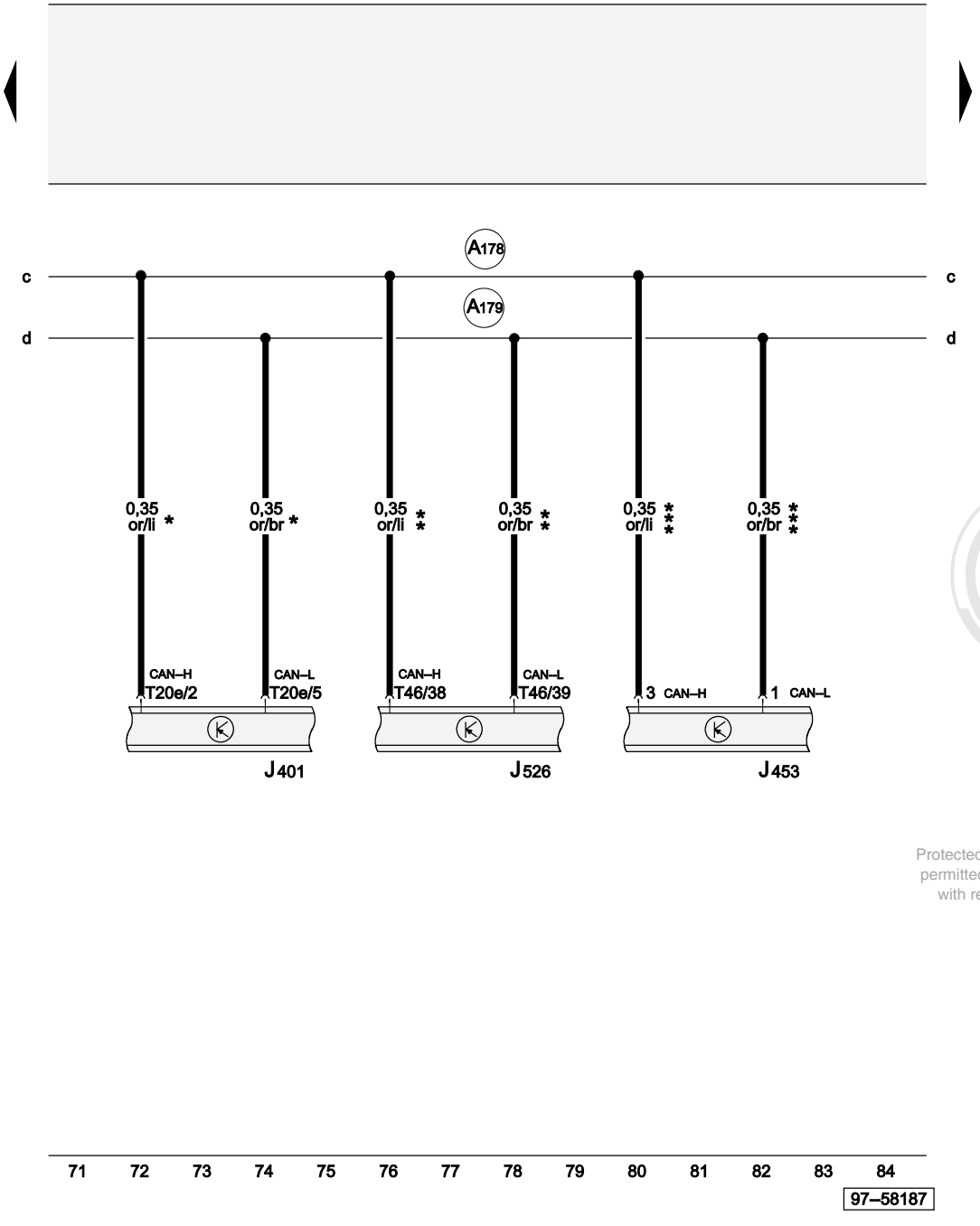

Navigation system with CD drive control unit, multi-function steering wheel control unit, telephone/telematics control unit

J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
J526	Telephone/telematics control unit
T20e	20-pin connector, black, navigation system with CD drive control unit
T46	46-pin connector, black, on telephone/telematics control unit
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Only applies to models with navigation system 'NS Low'
**	Only applies to models with telephone/telematics
***	Only applies to models with multi-function steering wheel

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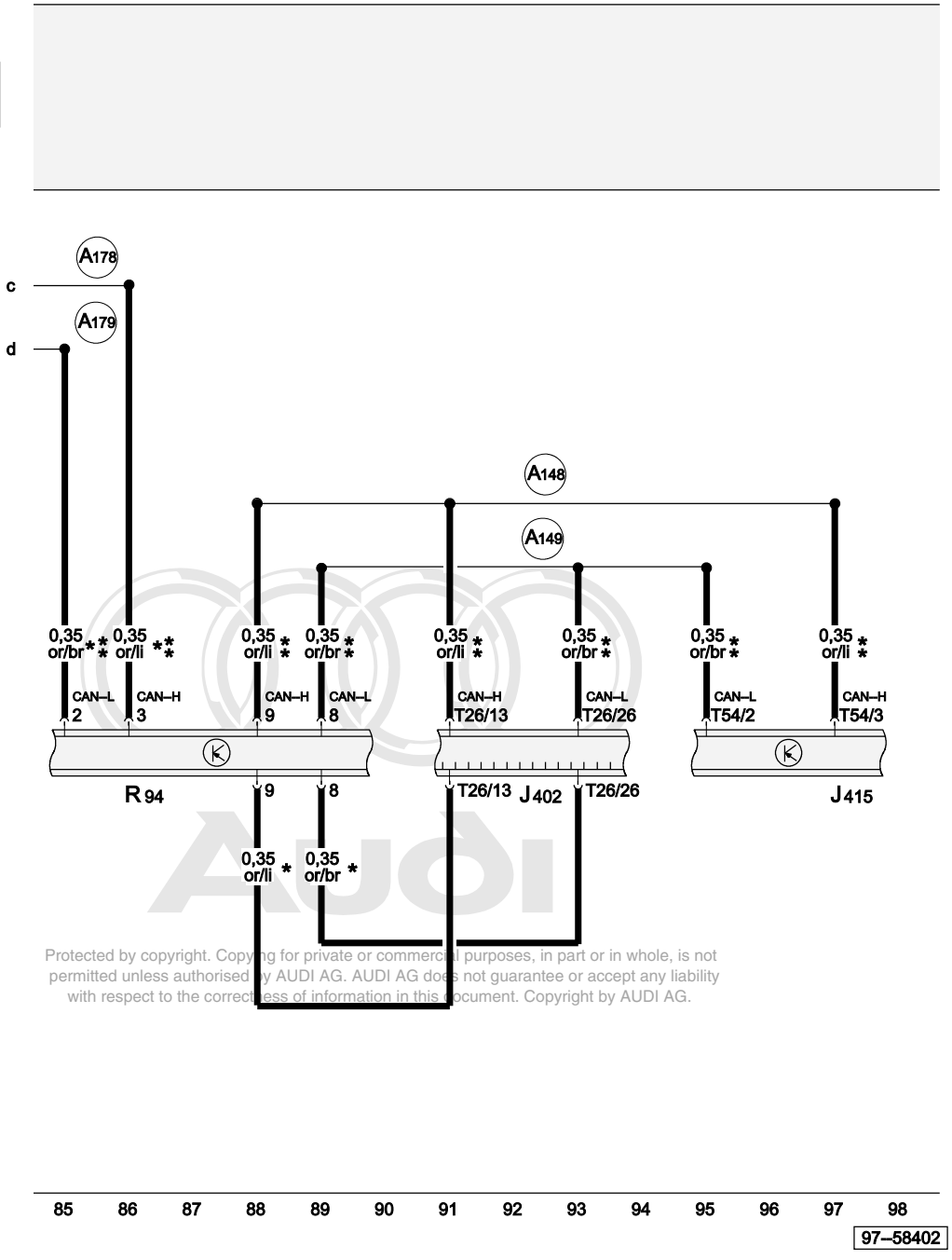

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Navigation operating electronics control unit, navigation/TV tuner, navigation interface

J402 Operating electronics control unit, navigation
J415 Navigation/TV tuner
R94 Navigation interface
T26 26-pin connector, black, radio connector
T54 54-pin connector, black, on navigation/TV tuner

A148 Connection (navigation CAN bus, high), in dash panel wiring harness

A149 Connection (navigation CAN bus, low), in dash panel wiring harness

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

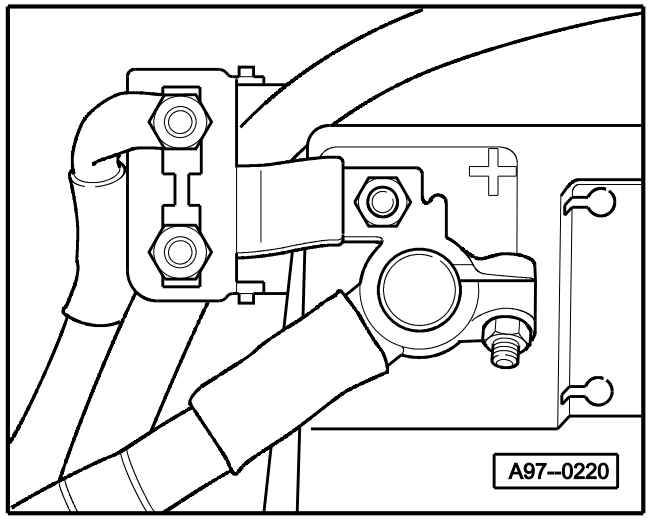
* Only applies to models with radio navigation system (RNS-D)
** Only applies to models with radio navigation system (RNS-D) and TV tuner

Convenience systems

⇒ Electrically adjustable and heated exterior mirrors
⇒ Anti-theft alarm system
⇒ Electric windows
⇒ Interior lights
⇒ Luggage compartment lights
⇒ Central locking

From model year 2003

Main fuse



◆ On battery

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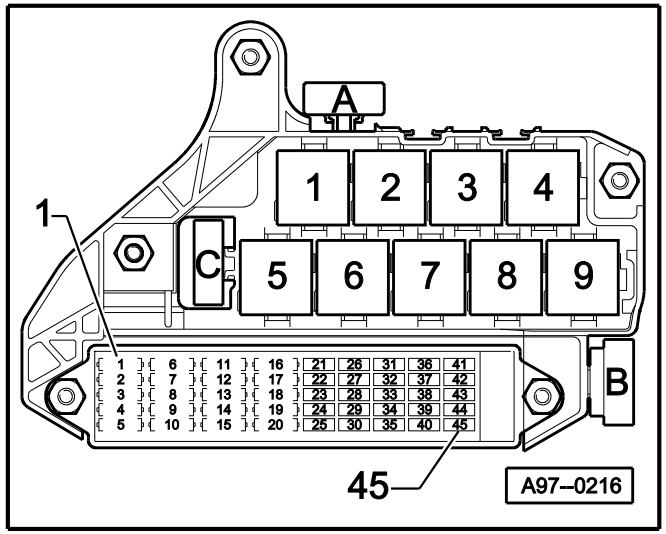
9-point relay carrier, fuse box



◆ In dash panel, driver's side

Fuse colours

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

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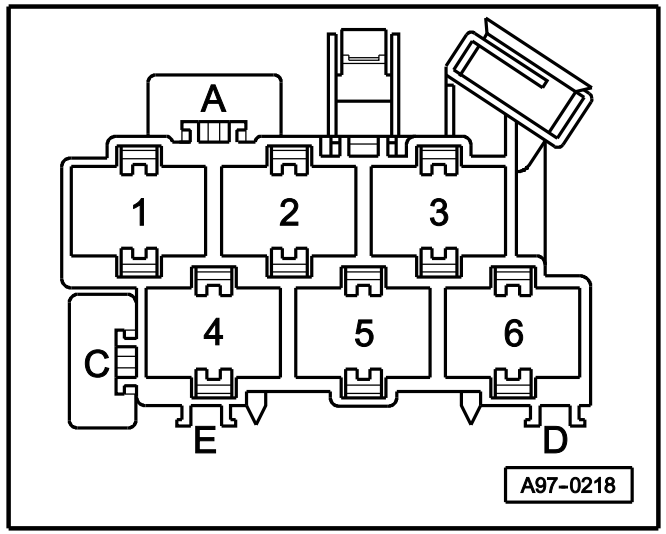
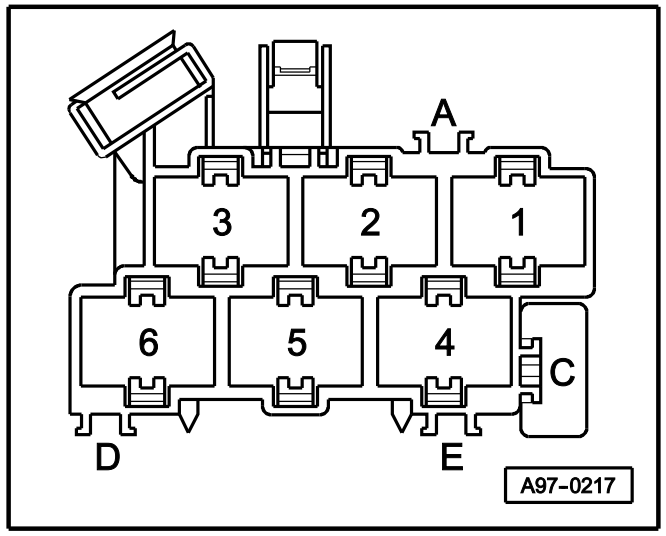
Connector point, A pillar, left



- At A pillar, left, behind trim

A - Electric window single fuse, front (S37)

Connector point, A pillar, right



- At A pillar, right, behind trim

C - Electric window single fuse 2, rear (S280)

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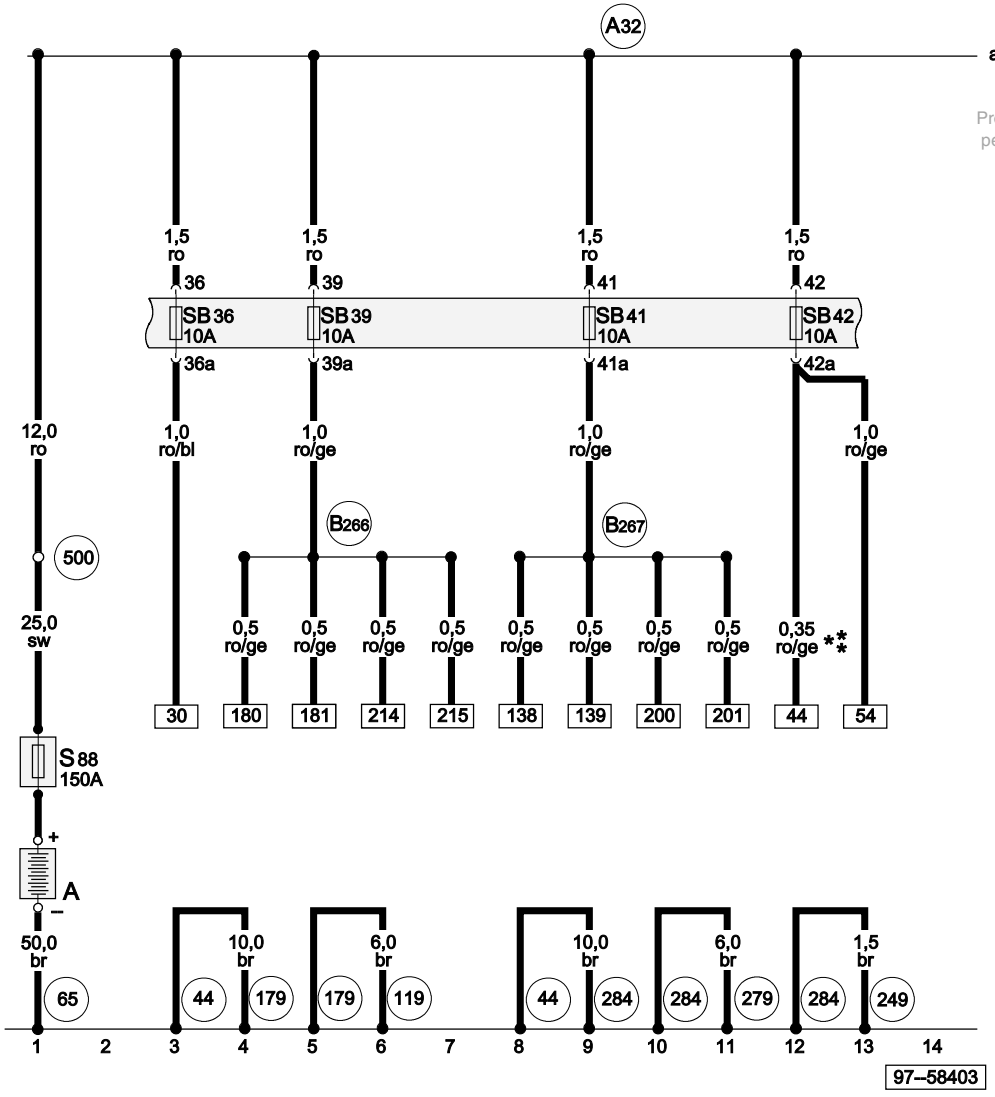

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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery

A	Battery
S88	Strip fuse
SB36	Fuse -36- on fuse box
SB39	Fuse -39- on fuse box
SB41	Fuse -41- on fuse box
SB42	Fuse -42- on fuse box
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
B266	Positive (+) connection -1- (30a, door control unit), in interior wiring harness
B267	Positive (+) connection -2- (30a, door control unit), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	Only applies to models with anti-theft alarm system and anti-theft alarm system horn

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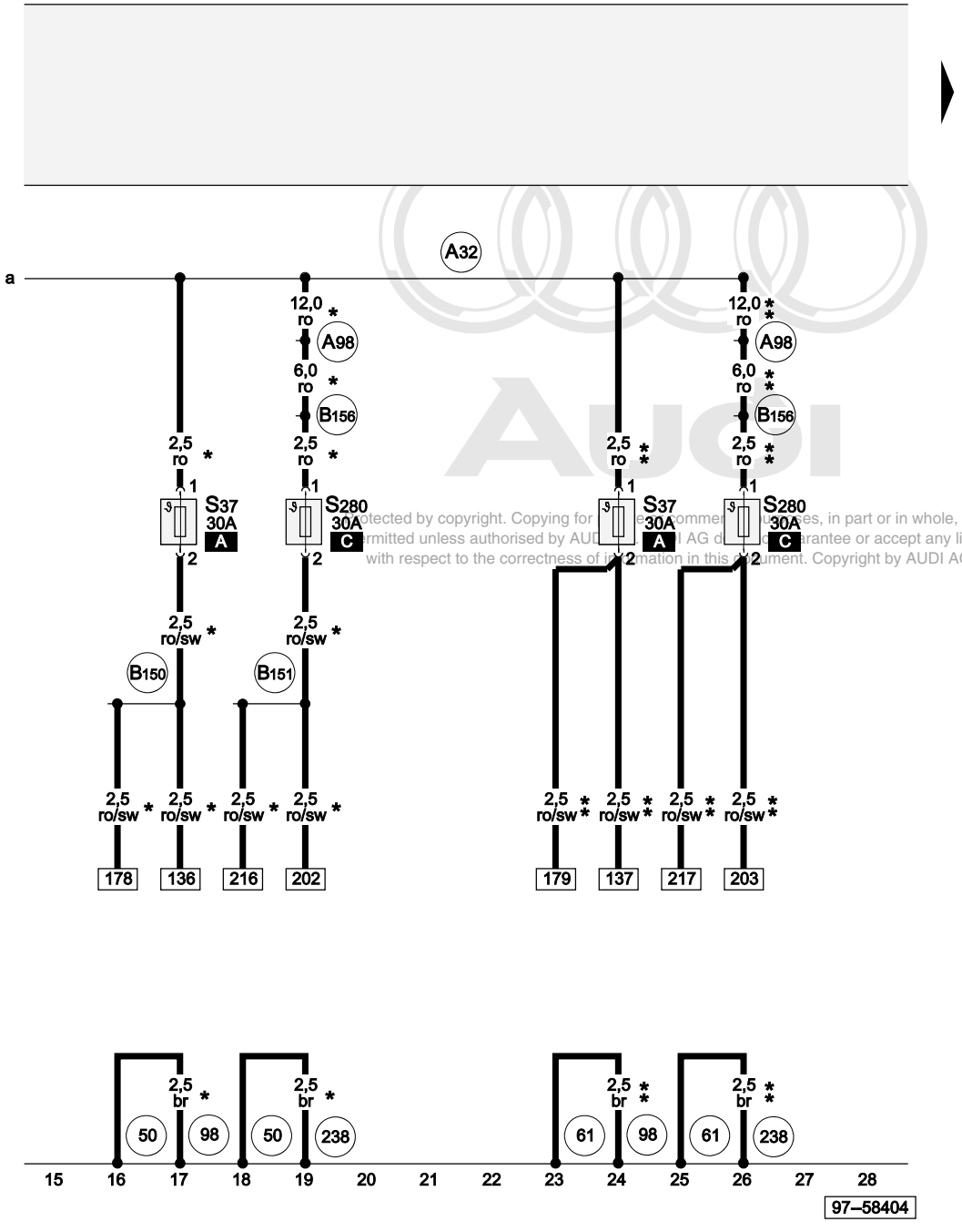

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Electric window single fuse, electric window single fuse 2

S37 Electric window single fuse
S280 Electric window single fuse 2

50 Earth point, luggage compartment, left

61 Earth point, left C pillar

98 Earth connection, in rear lid wiring harness

238 Earth connection -1-, in interior wiring harness

A32 Positive (+) connection (30), in dash panel wiring harness

A98 Positive (+) connection -4- (30), in dash panel wiring harness

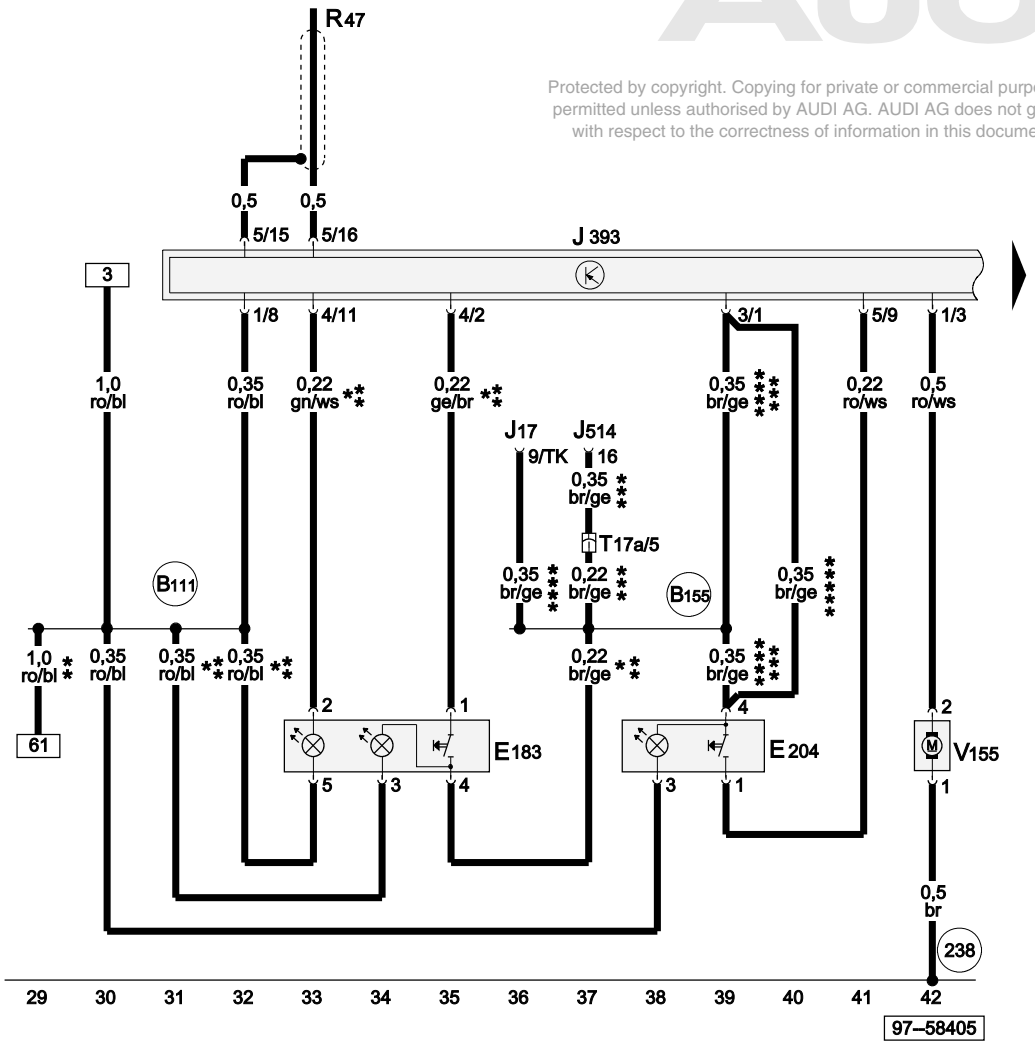
B150 Positive (+) connection -2- (30a), in interior wiring harness

B151 Positive (+) connection -3- (30a), in interior wiring harness

B156 Positive (+) connection (30a), in interior wiring harness

* No longer fitted, phased-in modification
** Phased-in modification

Interior monitor switch, tank filler flap remote release switch, central locking and anti-theft alarm system aerial



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E183	Interior monitor switch
E204	Tank filler flap remote release switch
J17	Fuel pump relay
J393	Convenience system central control unit
J514	Electronic manual gearbox control unit
R47	Central locking and anti-theft alarm system aerial
T17a	17-pin connector, red, in footwell, front left
V155	Tank filler flap locking motor
238	Earth connection -1-, in interior wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	Only applies to models with anti-theft alarm system and anti-theft alarm system horn
***	Only applies to models with engine code ANY
****	Only applies to models with engine code BAD
*****	Only applies to models with engine codes AMF and BBY

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Bonnet contact switch, anti-theft alarm ultra-sonic sensor, control unit with display in dash panel insert, convenience system central control unit

F266	Bonnet contact switch
G209	Anti-theft alarm ultra-sonic sensor
J285	Control unit with display in dash panel insert
J393	Convenience system central control unit
R	Radio
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
119	Earth connection -1-, in headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness

* Only applies to models with anti-theft alarm system

** Only applies to models with anti-theft alarm system and anti-theft alarm system horn

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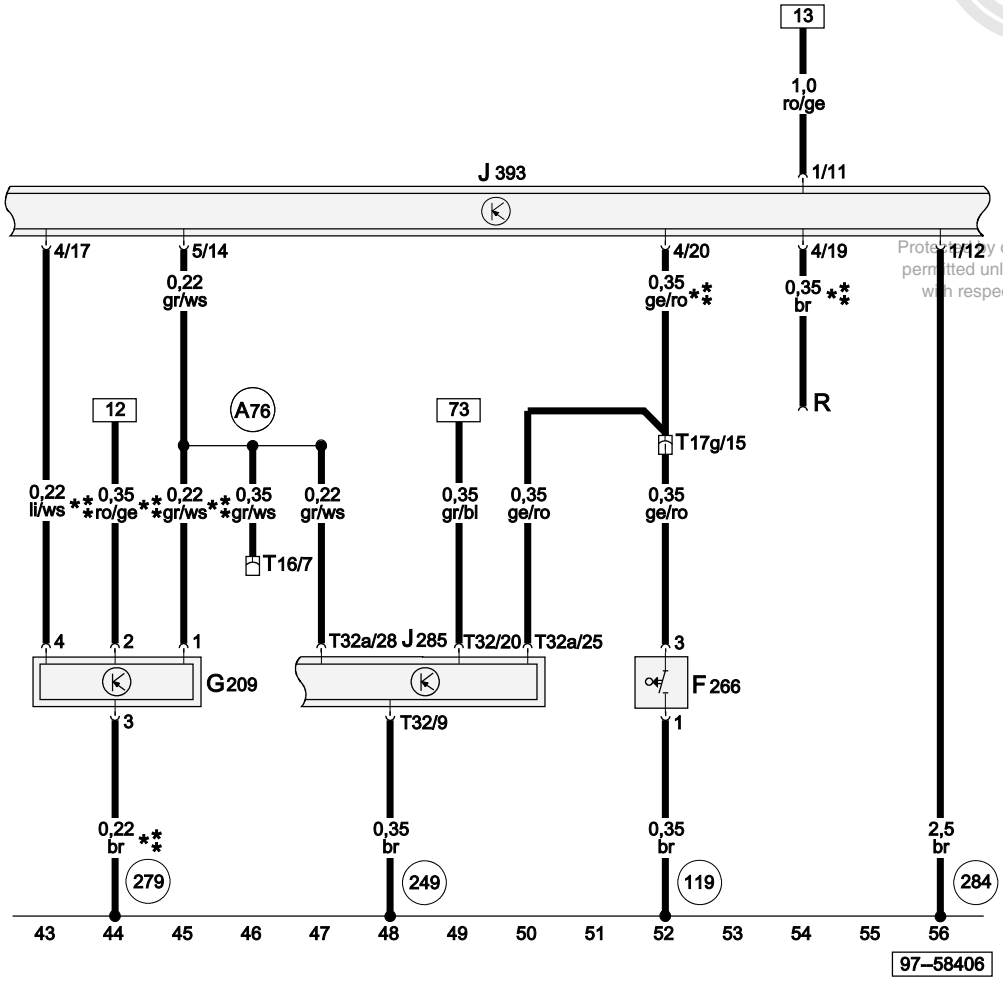

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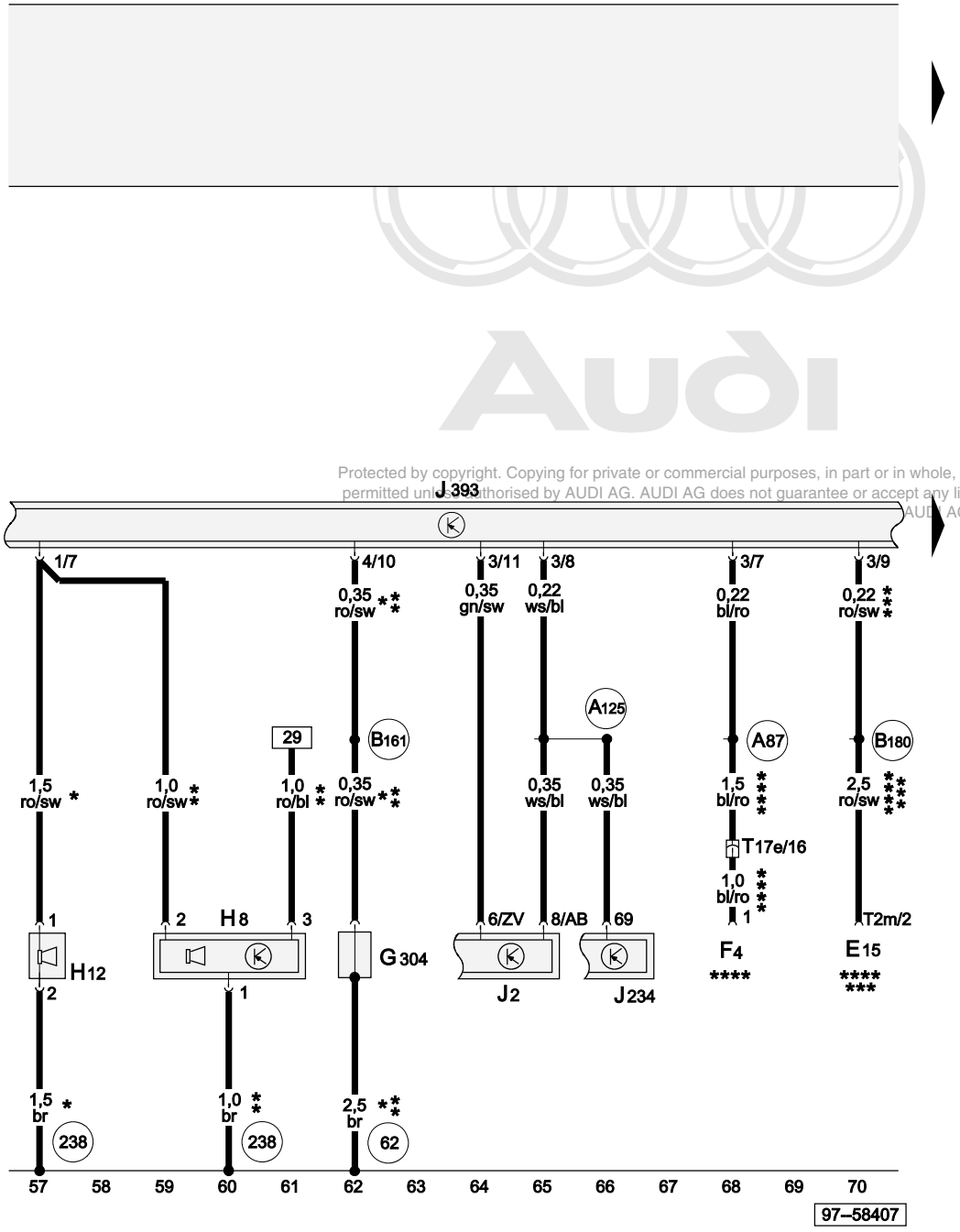

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Glass breakage sensor - rear window, anti-theft alarm system horn, hazard warning light relay, airbag control unit, convenience system central control unit

E15	Heated rear window switch
F4	Reversing light switch
G304	Glass breakage sensor, rear window
H8	Anti-theft alarm system horn
H12	Alarm horn
J2	Hazard warning light relay
J234	Airbag control unit
J393	Convenience system central control unit
T2m	2-pin connector, black, on heater controls
T17e	17-pin connector, blue, in footwell, front left
62	Earth point, right C pillar
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
B161	Connection (anti-theft alarm), in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	Only applies to models with anti-theft alarm system and anti-theft alarm system horn
***	Only applies to models without air conditioning system
****	⇒ Applicable Current Flow Diagram: Basic equipment

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Convenience system central control unit, front interior light, reading light - front passenger's side, left luggage compartment light, rear interior light

E1	Lighting switch
J393	Convenience system central control unit
W	Interior light, front
W13	Reading light, front passenger's side
W18	Luggage compartment light, left
W19	Reading light, driver's side
W43	Rear interior light
249	Earth connection -2-, in interior wiring harness
A29	Connection (interior light), in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness

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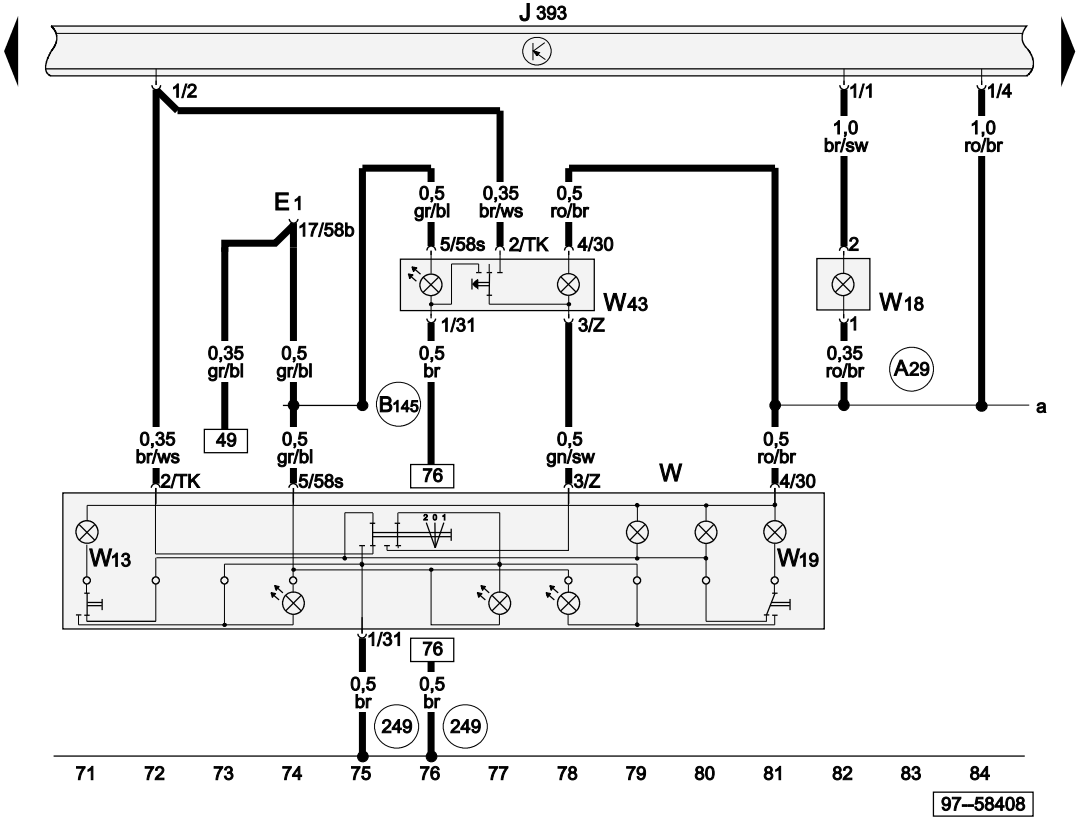

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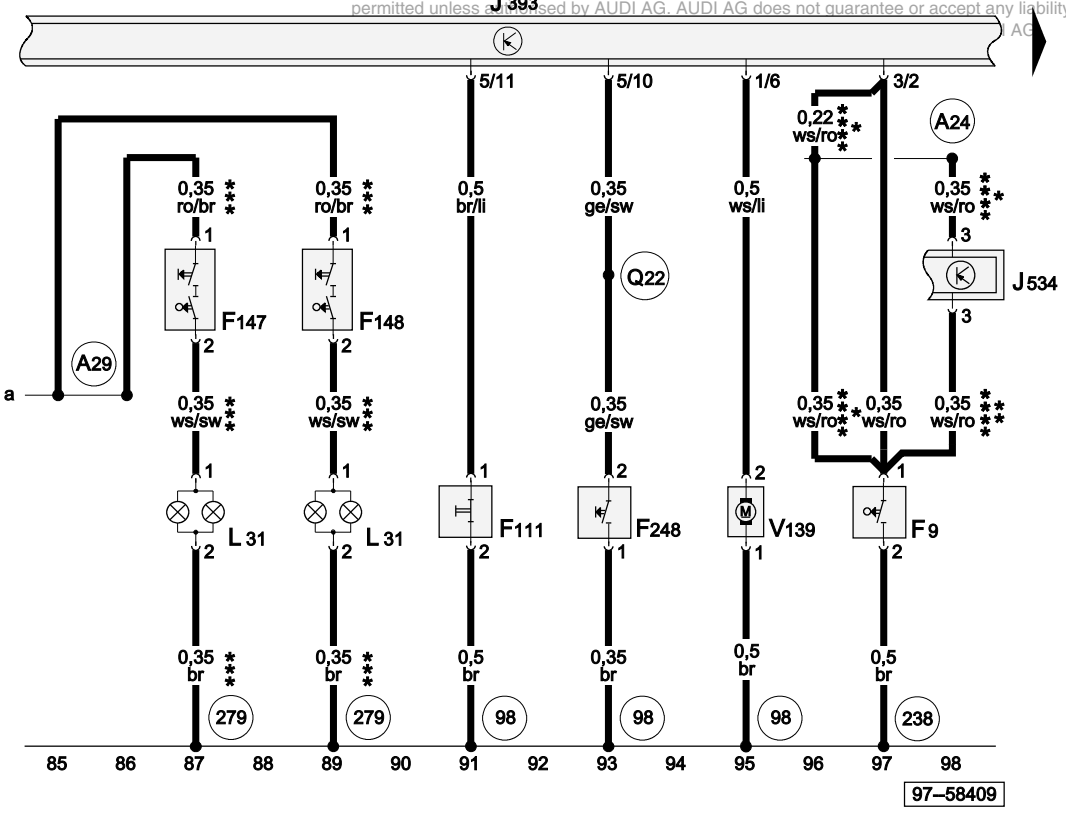

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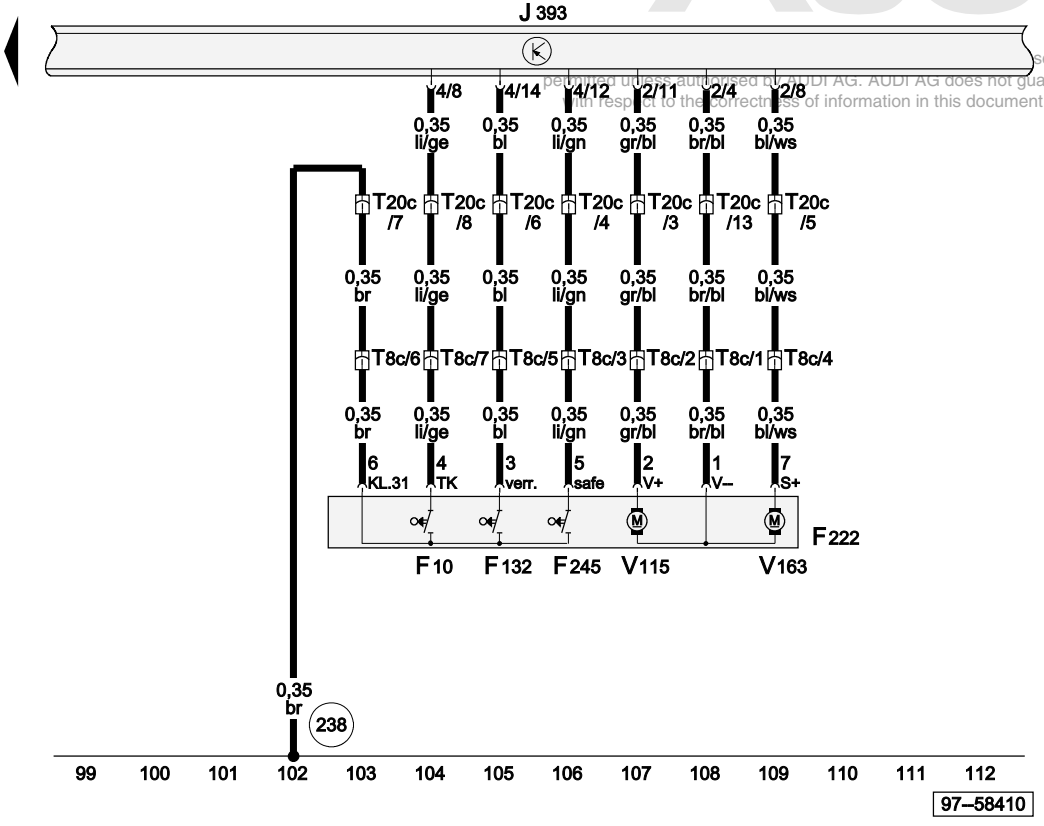
Handbrake warning switch, rear lid contact switch, vanity mirror light bulb, rear lid release motor

F9	Handbrake warning switch
F111	Rear lid contact switch
F147	Vanity mirror contact switch, driver's side
F148	Vanity mirror contact switch, front passenger's side
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
J534	Handbrake warning lamp control unit
L31	Vanity mirror light bulb
V139	Rear lid release motor
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
A24	Connection (brake system monitoring), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	Only applies to models with illuminated vanity mirror
****	Only applies to models with engine code ANY

Rear left door contact switch, rear left central locking lock unit (without rear electric windows), convenience system central control unit

F10	Rear left door contact switch
F132	Central locking actuator, rear left
F222	Central locking lock unit, rear left
F245	Central locking actuator (Safe), rear left door
J393	Convenience system central control unit
T8c	8-pin connector, black, door, rear left
T20c	20-pin connector, black, at B pillar, left
V115	Central locking motor, rear left door
V163	Central locking motor (Safe), rear left door
238	Earth connection -1-, in interior wiring harness



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Rear right door contact switch, rear right central locking lock unit (without rear electric windows), convenience system central control unit

F11	Rear right door contact switch
F134	Central locking actuator, rear right
F223	Central locking lock unit, rear right
F246	Central locking actuator (Safe), rear right door
J393	Convenience system central control unit
T8d	8-pin connector, black, door, rear right
T20d	20-pin connector, black, at B pillar, right
V97	Central locking motor, rear right door
V164	Central locking motor (Safe), rear right door
279	Earth connection -5-, in interior wiring harness

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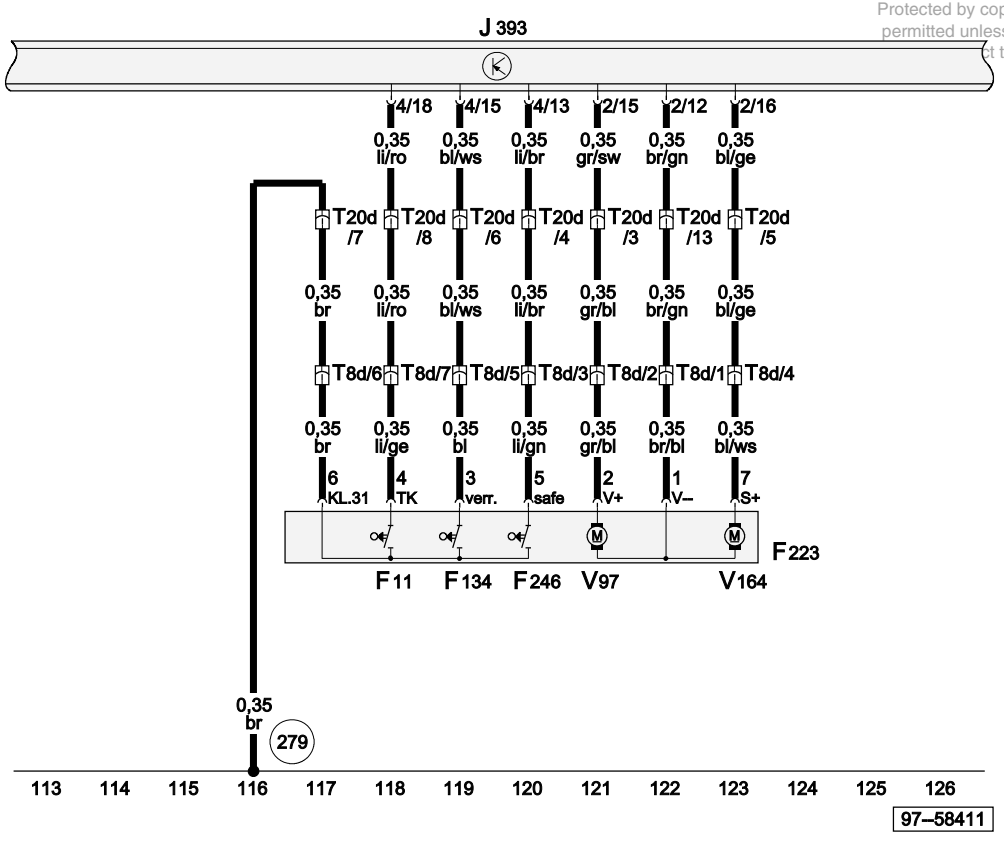

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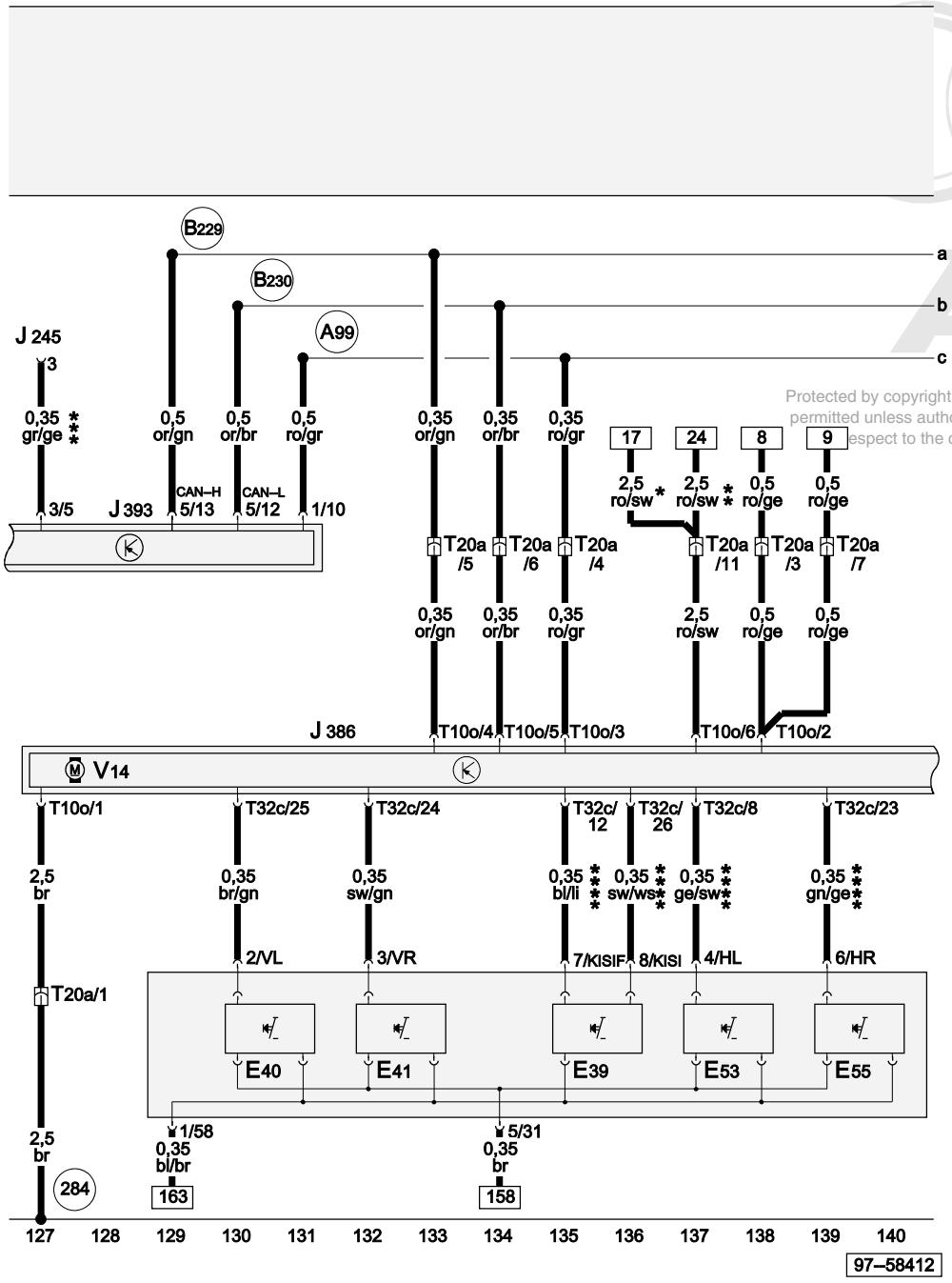

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Rear electric window isolation switch, front left electric window switch, rear right electric window switch (driver), door control unit - driver side

E39	Rear electric window isolation switch
E40	Front left electric window switch
E41	Front right electric window switch
E53	Rear left electric window switch, driver
E55	Rear right electric window switch, driver
J245	Sliding sunroof adjustment control unit
J386	Door control unit, driver's side
J393	Convenience system central control unit
T10o	10-pin connector, black, door control unit, driver's door
T20a	20-pin connector, black, at A pillar, left
T32c	32-pin connector, grey, door control unit, driver's door
V14	Electric window motor, left
284	Earth connection -6-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

* No longer fitted, phased-in modification
** Phased-in modification
*** ⇒ Applicable Current Flow Diagram: Sliding/tilting sunroof
**** Only applies to models with rear electric windows

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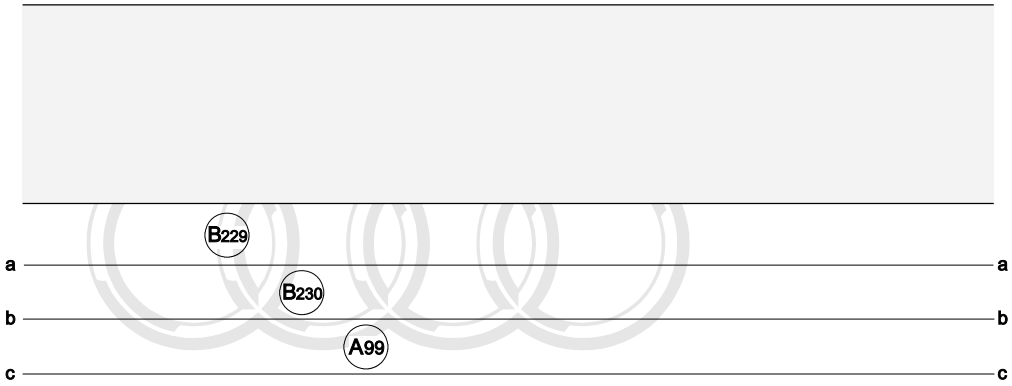

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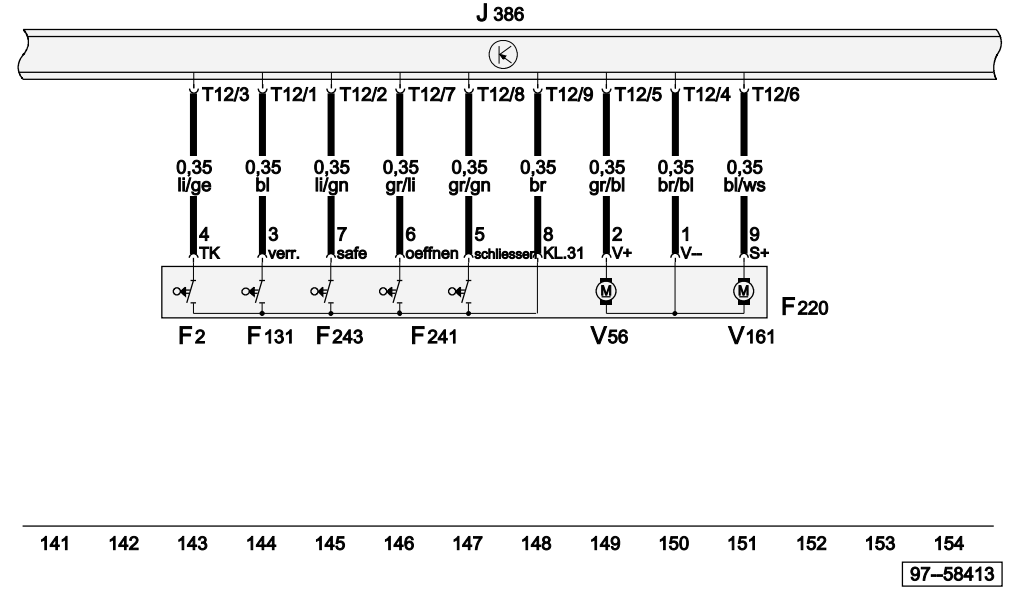
Door contact switch - driver's side, central locking lock unit - driver's side, door control unit - driver's side

F2	Door contact switch, driver's side
F131	Central locking actuator, front left
F220	Central locking lock unit, driver's side
F241	Contact switch in lock cylinder, driver's side
F243	Central locking actuator (Safe), driver's door
J386	Door control unit, driver's side
T12	12-pin connector, black, on door control unit, driver's side
V56	Central locking motor, driver's door
V161	Central locking motor (Safe), driver's door
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



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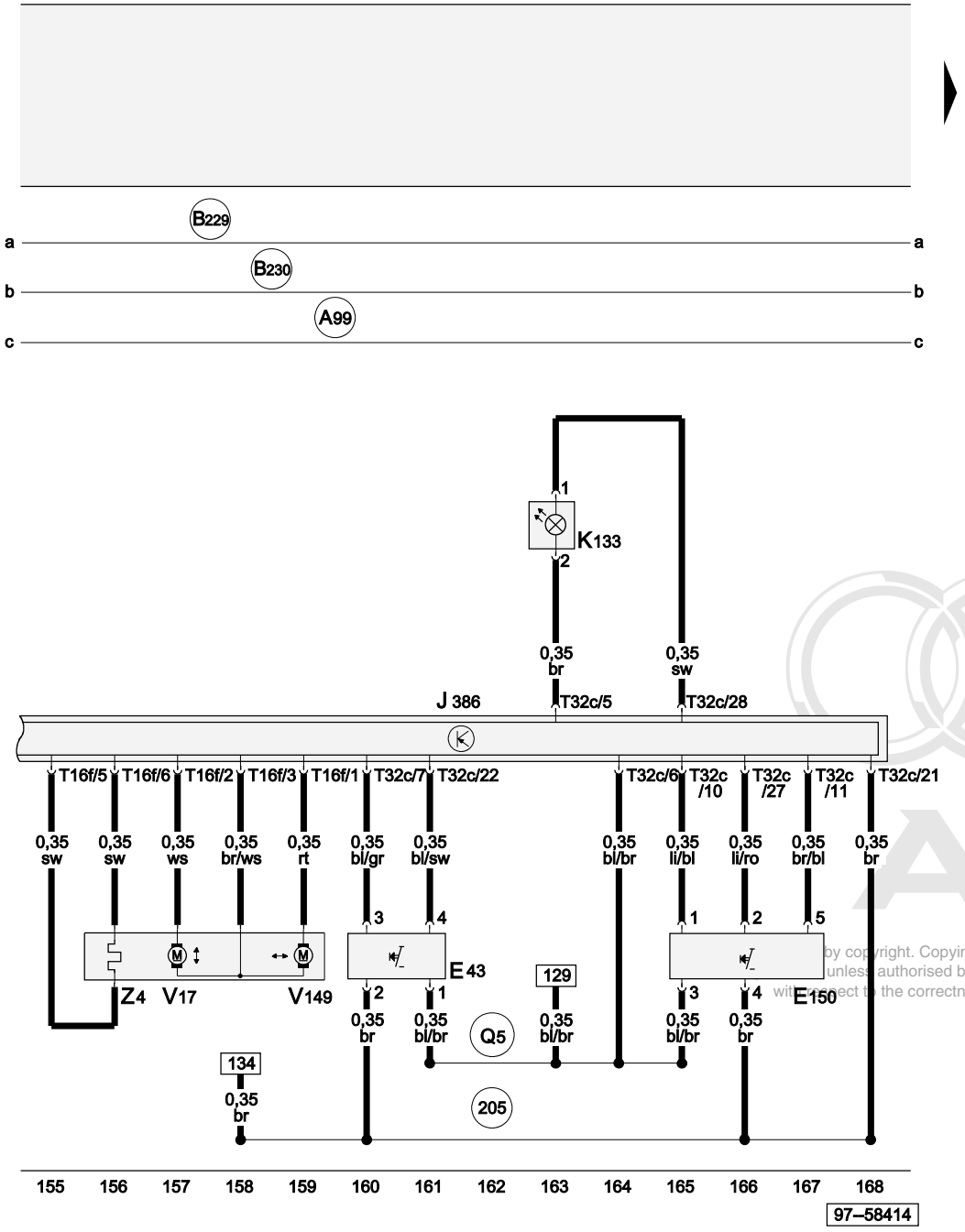

Mirror adjustment switch, interior locking switch - driver side, heated exterior mirror - driver's side

E43	Mirror adjustment switch
E150	Interior locking switch, driver's side
J386	Door control unit, driver's side
K133	Central locking warning lamp -SAFE-
T16f	16-pin connector, door control unit, driver's door
T32c	32-pin connector, grey, door control unit, driver's door
V17	Mirror adjustment motor, driver's side
V149	Mirror adjustment motor, driver's side
Z4	Heated exterior mirror, driver's side
205	Earth connection, in door wiring harness - driver's side
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
Q5	Positive (+) connection (58), in electric window/central locking and door contact switch wiring harness

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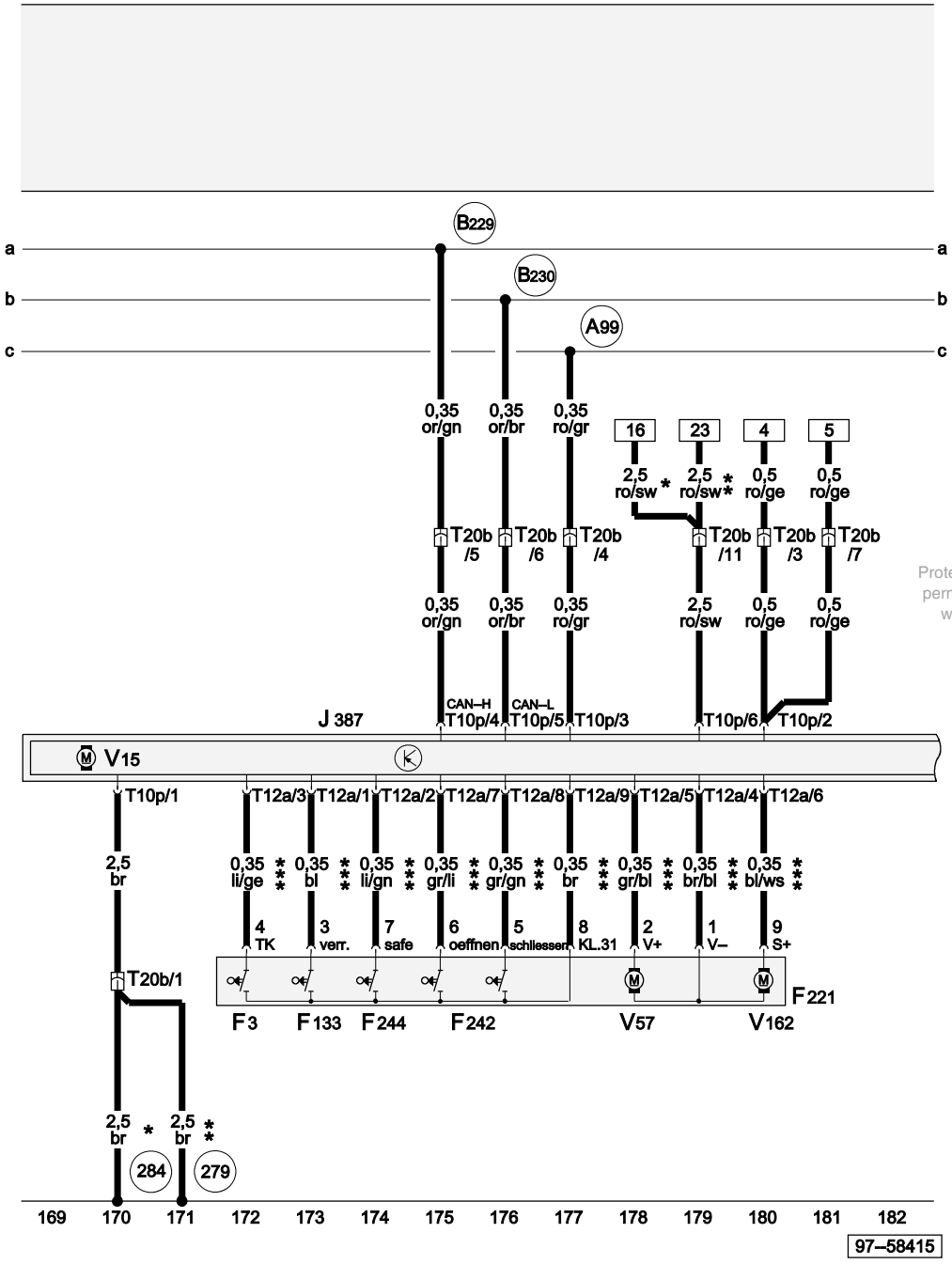

Door contact switch - front passenger's side, central locking lock unit - front passenger's side, door control unit - front passenger's side

F3	Door contact switch, front passenger's side
F133	Central locking actuator, front right
F221	Central locking lock unit, front passenger's side
F242	Contact switch in lock cylinder, front passenger's side
F244	Central locking actuator (Safe), front passenger's door
J387	Door control unit, front passenger's side
T10p	10-pin connector, black, door, front right
T12a	12-pin connector, black, on door control unit, front passenger's side
T20b	20-pin connector, black, at A pillar, right
V15	Electric window motor, right
V57	Central locking motor, front passenger's door
V162	Central locking motor (Safe), front passenger's door
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	Only applies to models without remote control for central locking system

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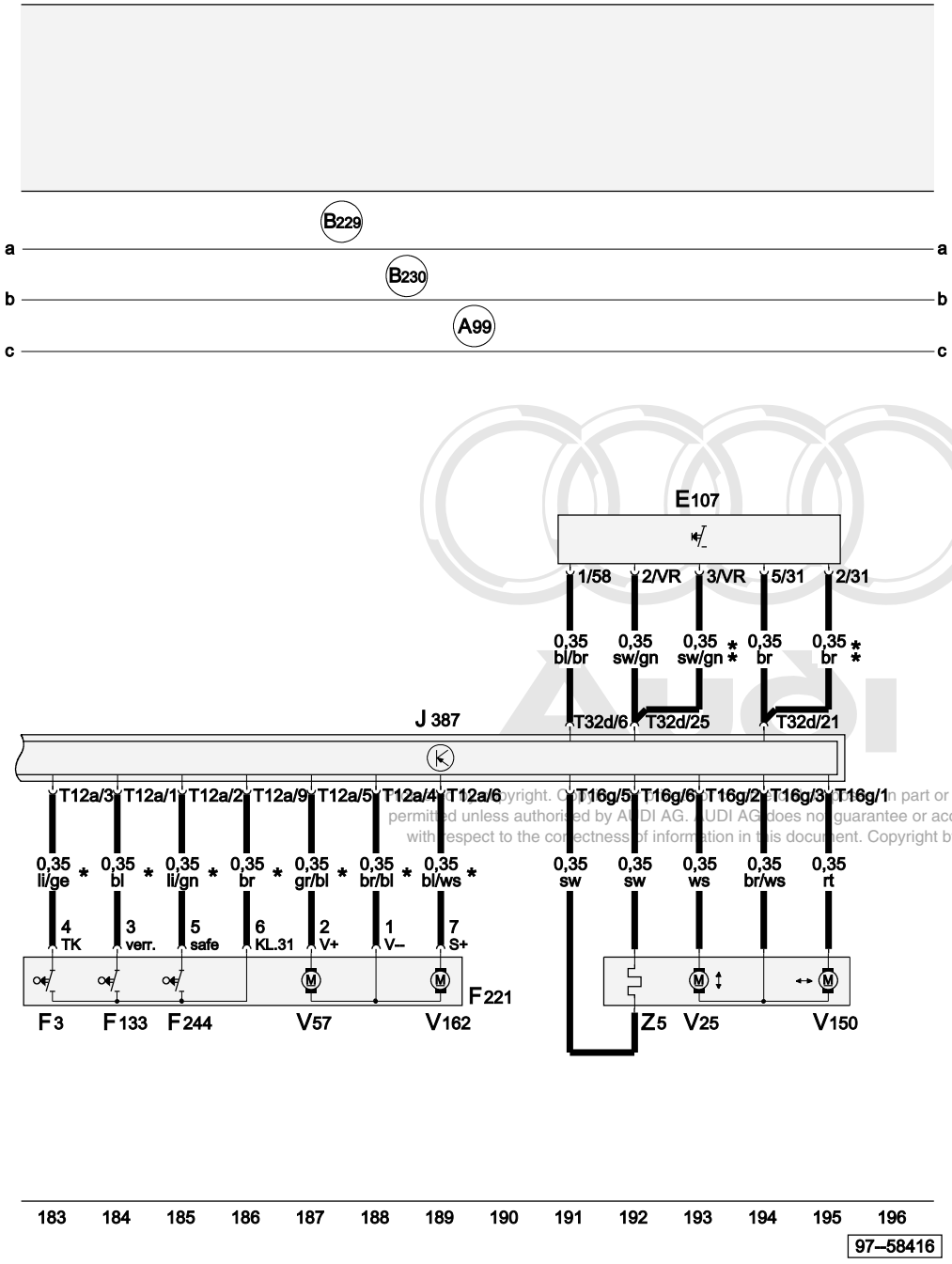

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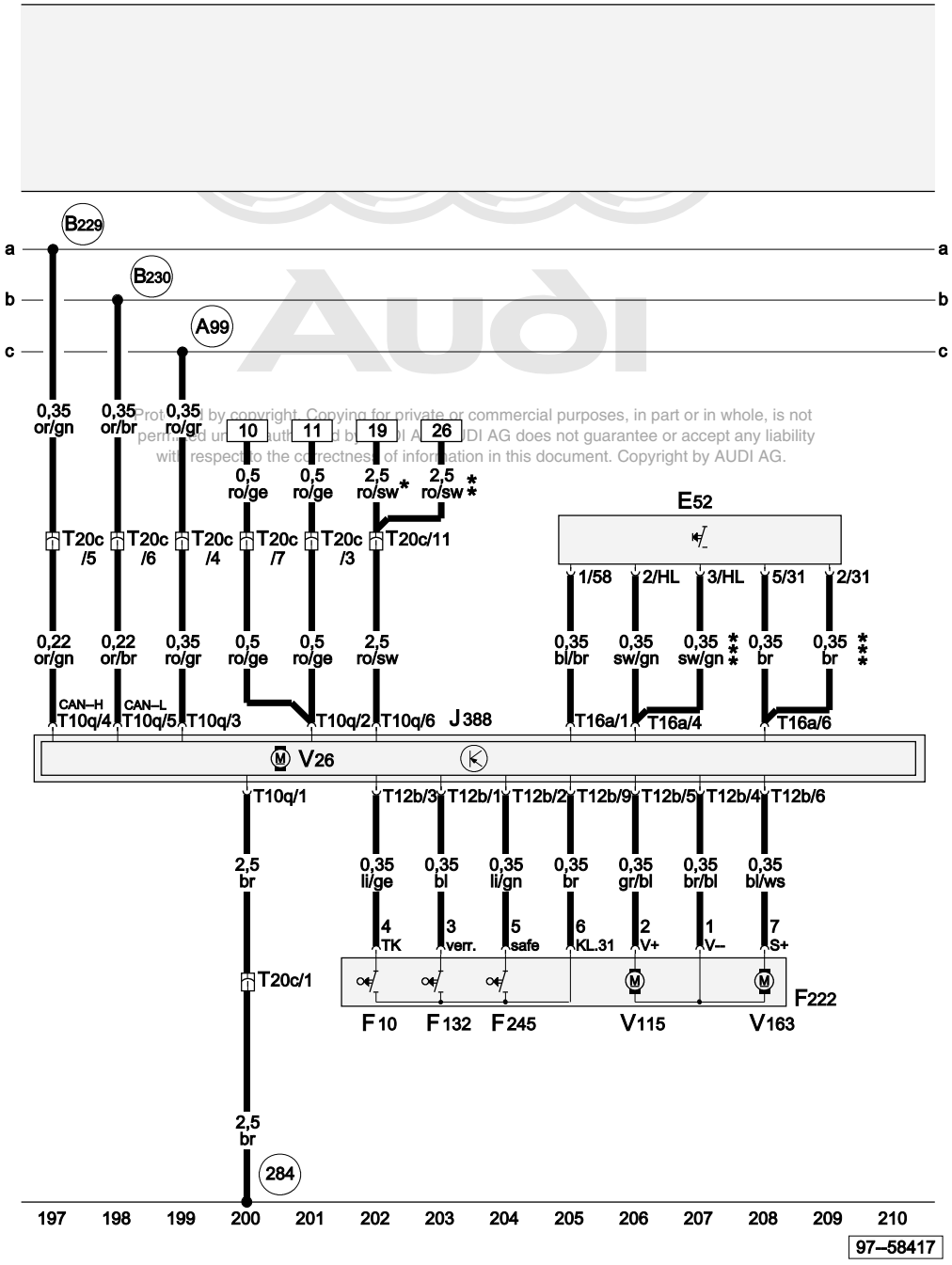
Electric window switch in front passenger's door, mirror adjustment motor - front passenger's side, heated exterior mirror - front passenger's side

E107	Electric window switch, in front passenger's door
F3	Door contact switch, front passenger's side
F133	Central locking actuator, front right
F221	Central locking lock unit, front passenger's side
F244	Central locking actuator (Safe), front passenger's door
J387	Door control unit, front passenger's side
T12a	12-pin connector, black, on door control unit, front passenger's side
T16g	16-pin connector, door control unit, front passenger's door
T32d	32-pin connector, grey, door control unit, front passenger's door
V25	Mirror adjustment motor, front passenger's side
V57	Central locking motor, front passenger's door
V150	Mirror adjustment motor, front passenger's side
V162	Central locking motor (Safe), front passenger's door
Z5	Heated exterior mirror, front passenger's side
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with remote control for central locking system
**	Only applies to models with 4-pole switch



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Rear left electric window switch (in door), rear left central locking lock unit, rear left door control unit

E52	Rear left electric window switch, in door
F10	Rear left door contact switch
F132	Central locking actuator, rear left
F222	Central locking lock unit, rear left
F245	Central locking actuator (Safe), rear left door
J388	Door control unit, rear left
T10q	10-pin connector, black, door control unit, rear left
T12b	12-pin connector, black, door control unit, rear left
T16a	16-pin connector, brown, door control unit, rear left
T20c	20-pin connector, black, at B pillar, left
V26	Electric window motor, rear left
V115	Central locking motor, rear left door
V163	Central locking motor (Safe), rear left door
284	Earth connection -6-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	Only applies to models with 4-pole switch

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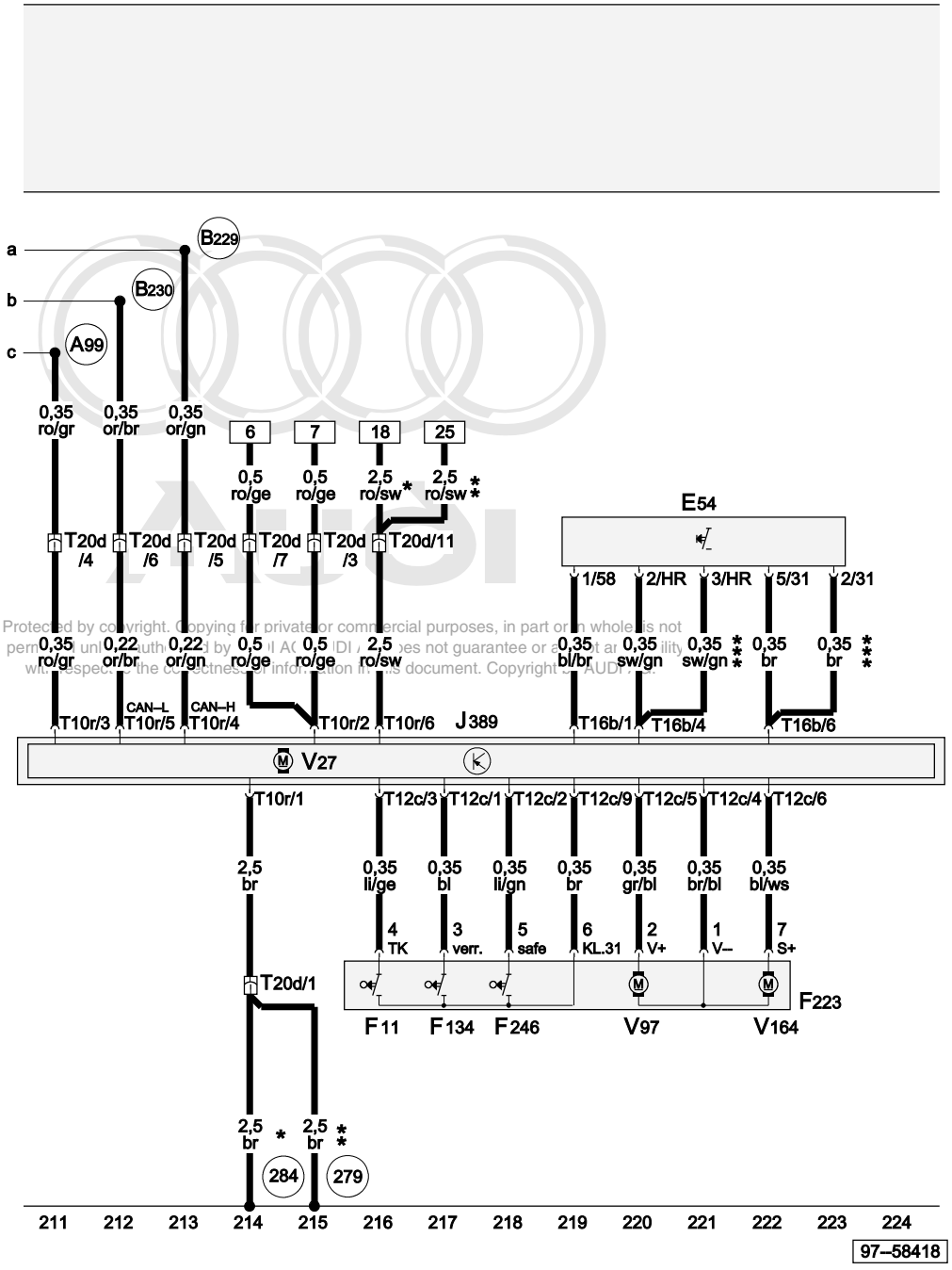

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Rear right electric window switch (in door), rear right central locking lock unit, rear right door control unit

E54	Rear right electric window switch, in door
F11	Rear right door contact switch
F134	Central locking actuator, rear right
F223	Central locking lock unit, rear right
F246	Central locking actuator (Safe), rear right door
J389	Door control unit, rear right
T10r	10-pin connector, black, door, rear right
T12c	12-pin connector, black, door, rear right
T16b	16-pin connector, brown, door, rear right
T20d	20-pin connector, black, at B pillar, right
V27	Electric window motor, rear right
V97	Central locking motor, rear right door
V164	Central locking motor (Safe), rear right door
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	Only applies to models with 4-pole switch

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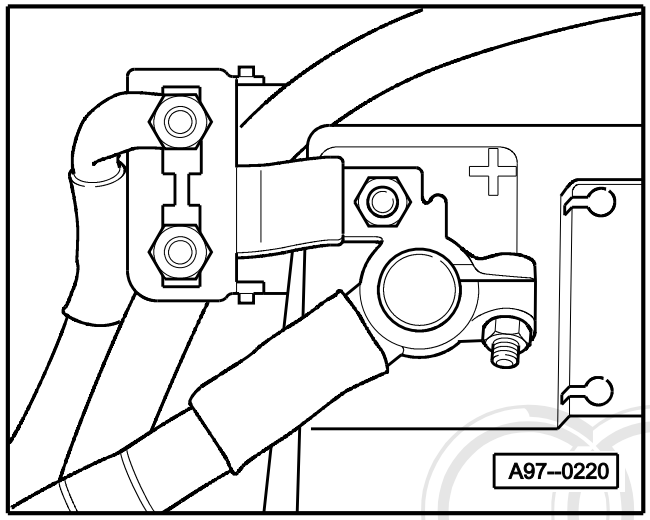
Diagnostic connector

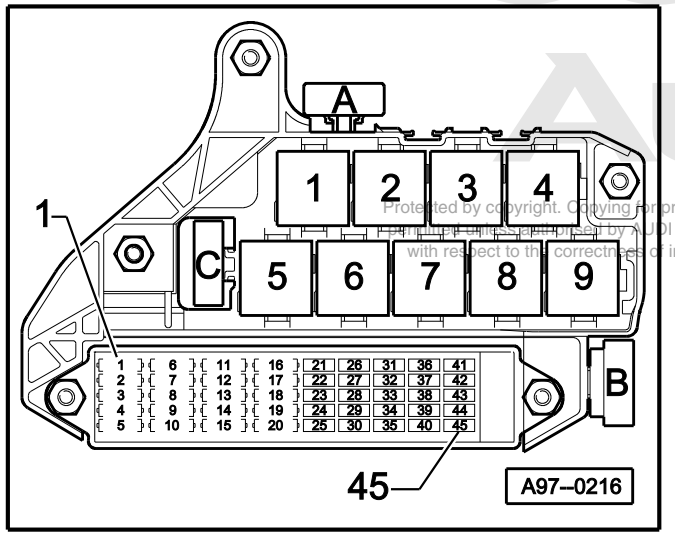
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

9 - X contact relief relay (J59)

Fuse colours

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

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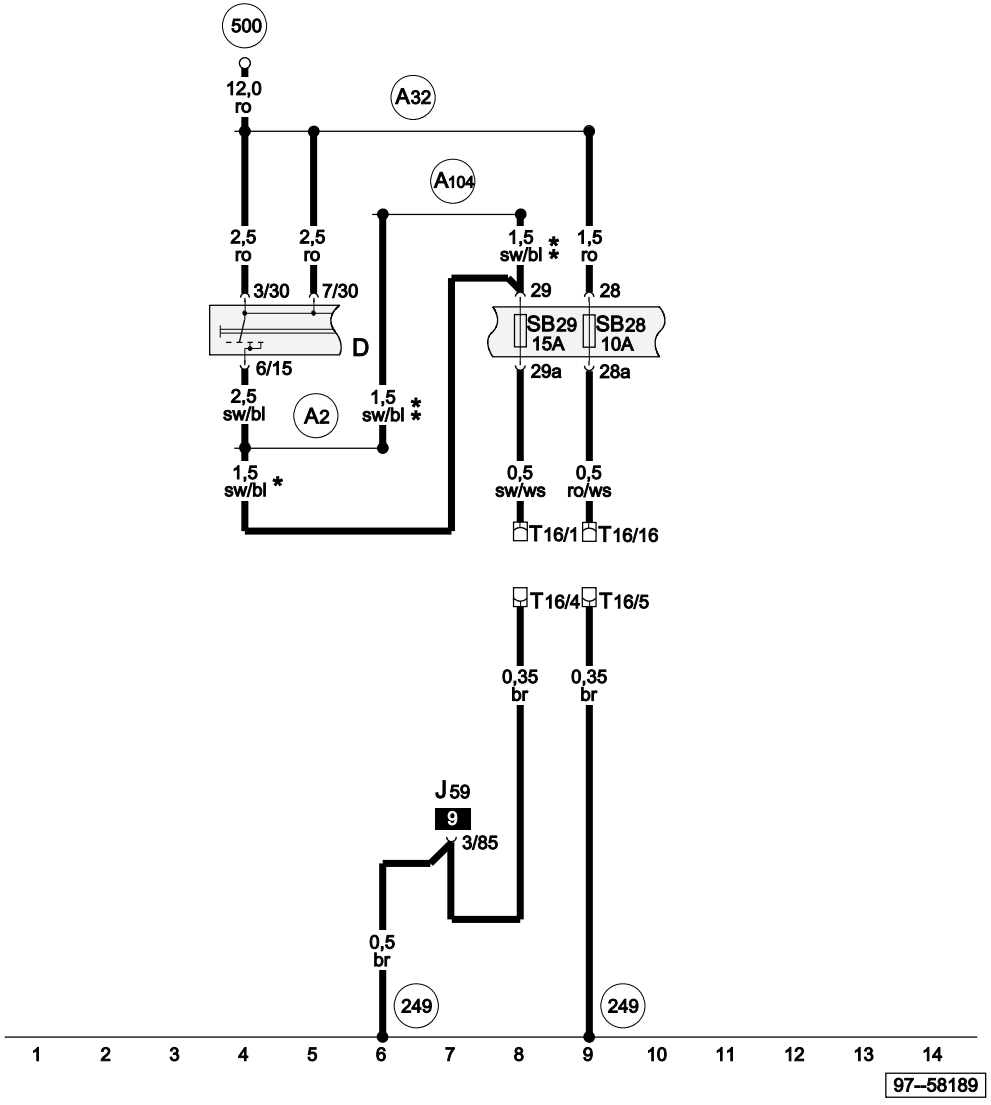

Ignition/starter switch

D	Ignition/starter switch
J59	X contact relief relay
SB28	Fuse -28- on fuse box
SB29	Fuse -29- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
249	Earth connection -2-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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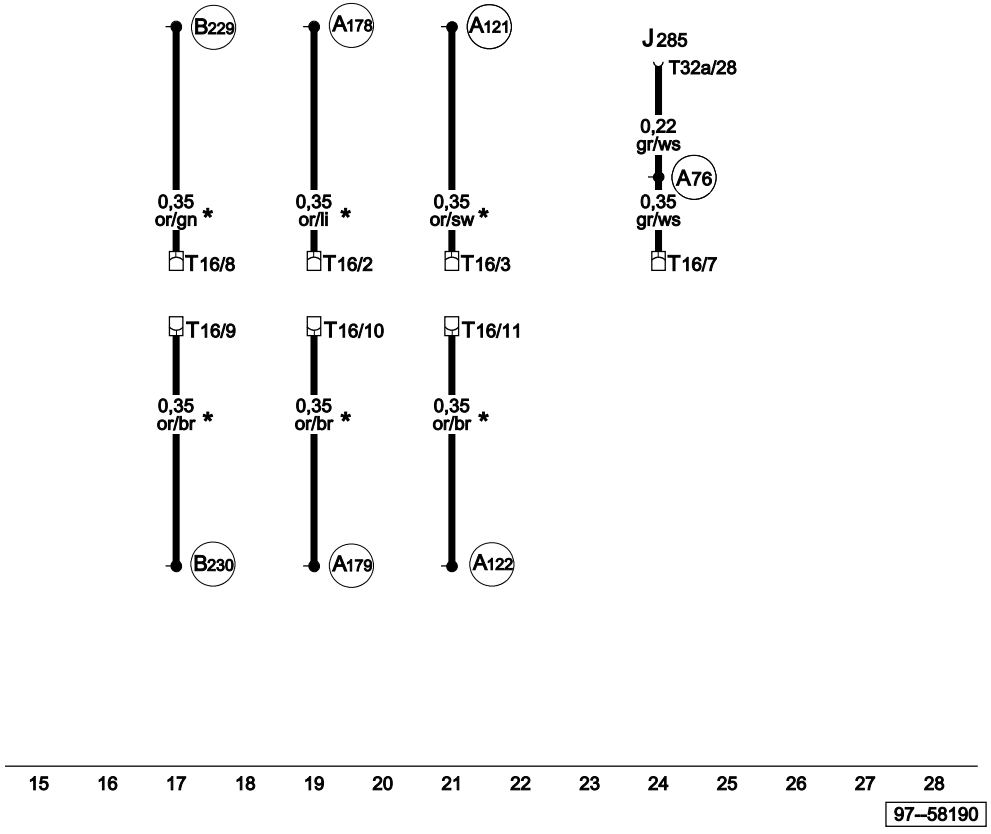

Control unit with display in dash panel insert

J285	Control unit with display in dash panel insert
T16	16-pin connector, diagnostic connector, black, near fuse box
T32a	32-pin connector, green, on dash panel insert
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
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	⇒ Applicable Current Flow Diagram: CAN bus wires

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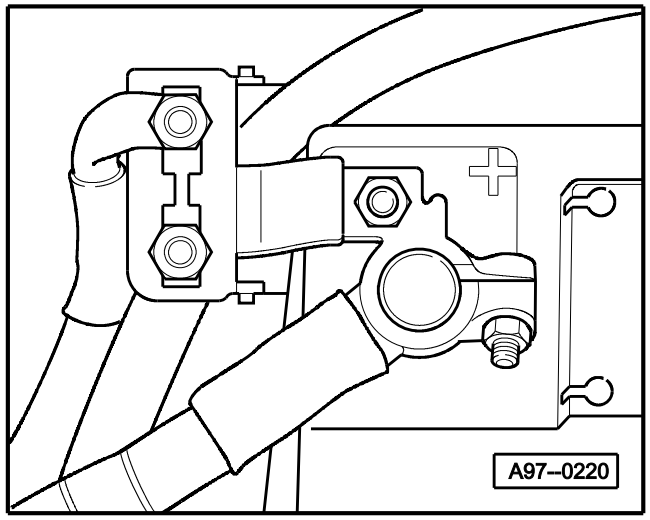
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Parking aid, rear

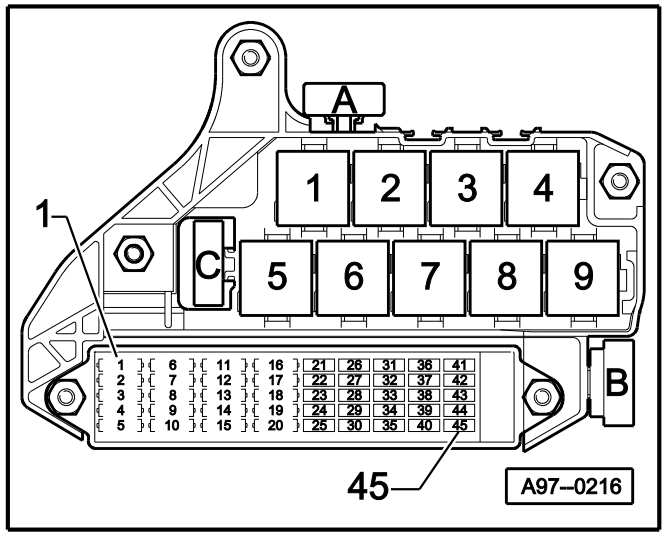
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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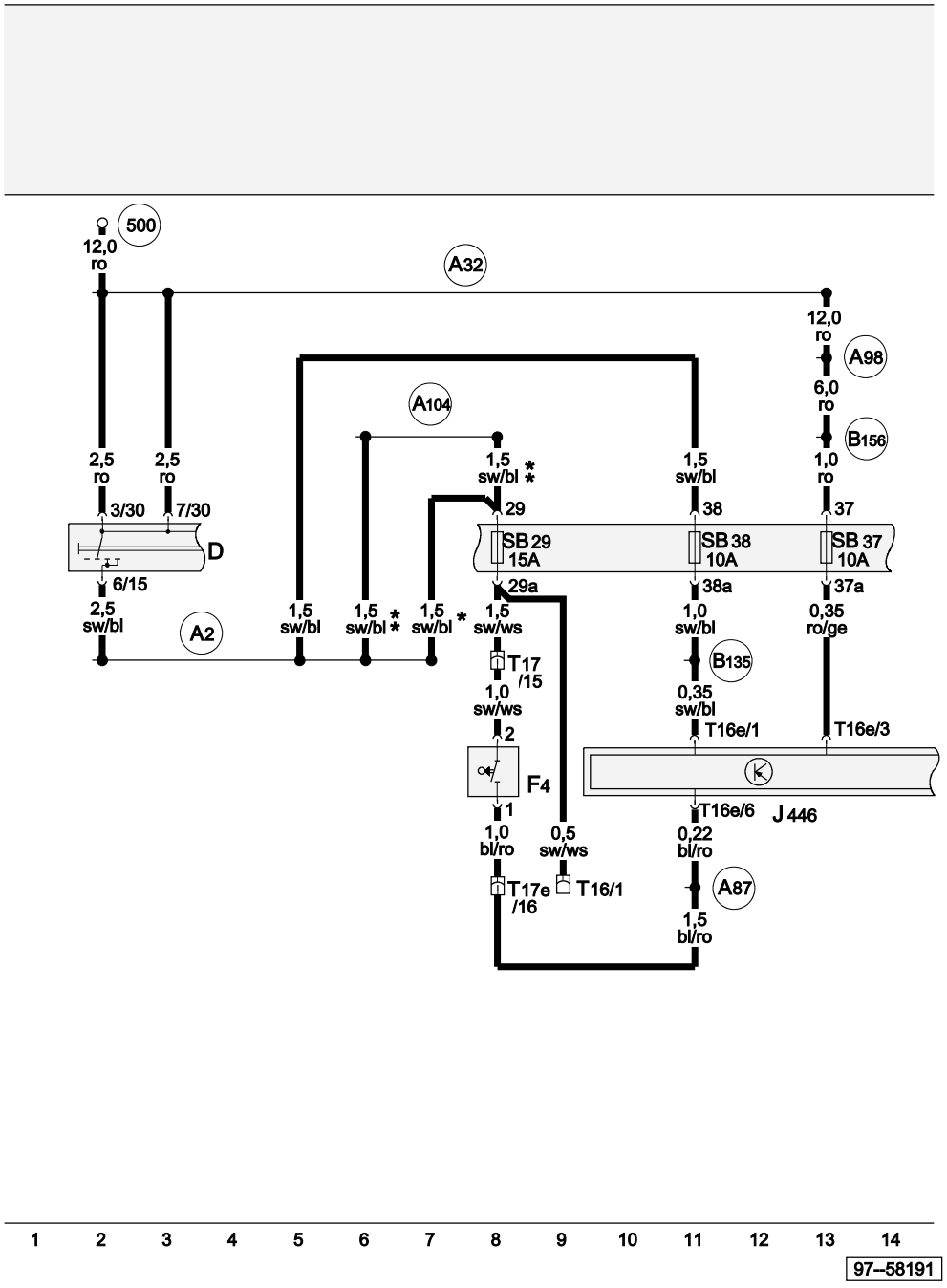

Ignition/starter switch, reversing light switch, parking aid control unit

D	Ignition/starter switch
F4	Reversing light switch
J446	Parking aid control unit
SB29	Fuse -29- on fuse box
SB37	Fuse -37- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T16e	16-pin connector, black, in luggage compartment, right
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	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

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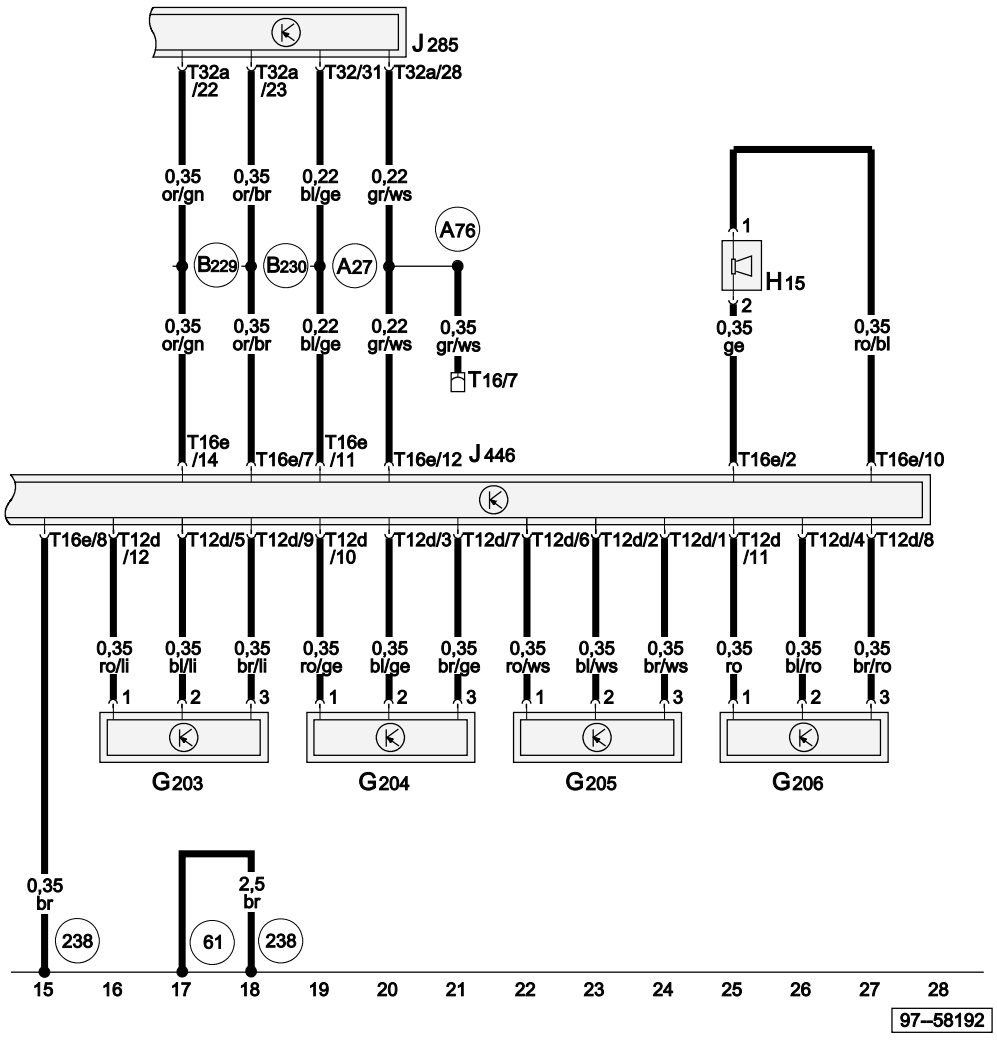

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Rear left parking aid sender, rear right parking aid sender, rear parking aid warning buzzer

G203	Rear left parking aid sender
G204	Centre rear left parking aid sender
G205	Centre rear right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J285	Control unit with display in dash panel insert
J446	Parking aid control unit
T12d	12-pin connector, in luggage compartment, right
T16	16-pin connector, diagnostic connector, black, near fuse box
T16e	16-pin connector, black, in luggage compartment, right
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
61	Earth point, left C pillar
238	Earth connection -1-, in interior wiring harness
A27	Connection (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

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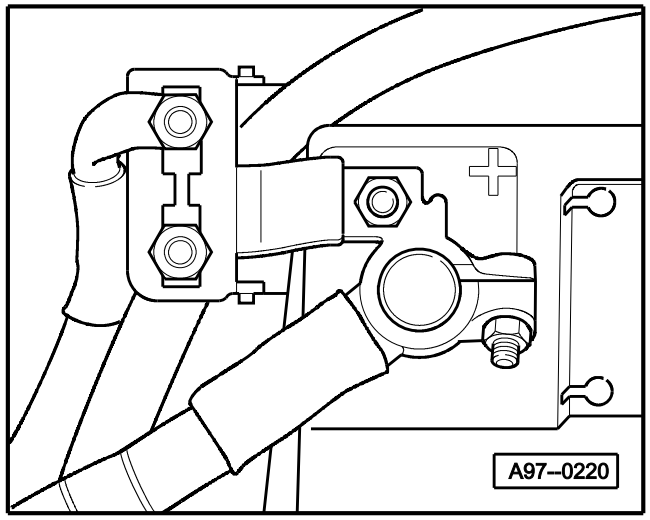
Driver information system

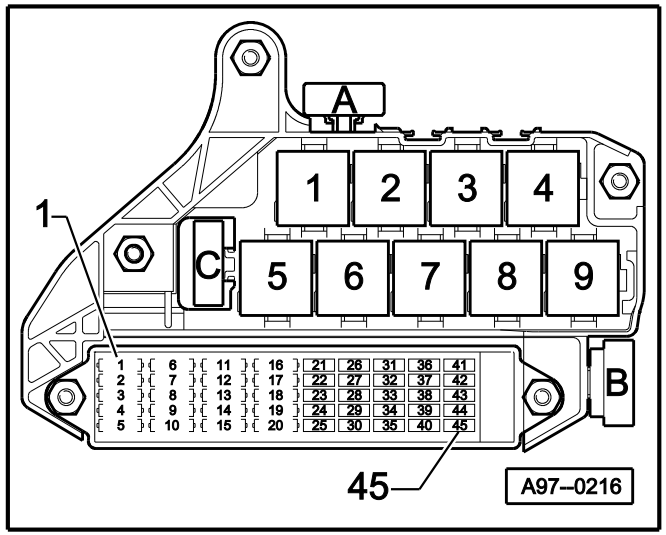
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

6 - Bulb check warning unit (K41)
7 - Bulb check warning unit (K41)
9 - X contact relief relay (J59)

Fuse colours

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

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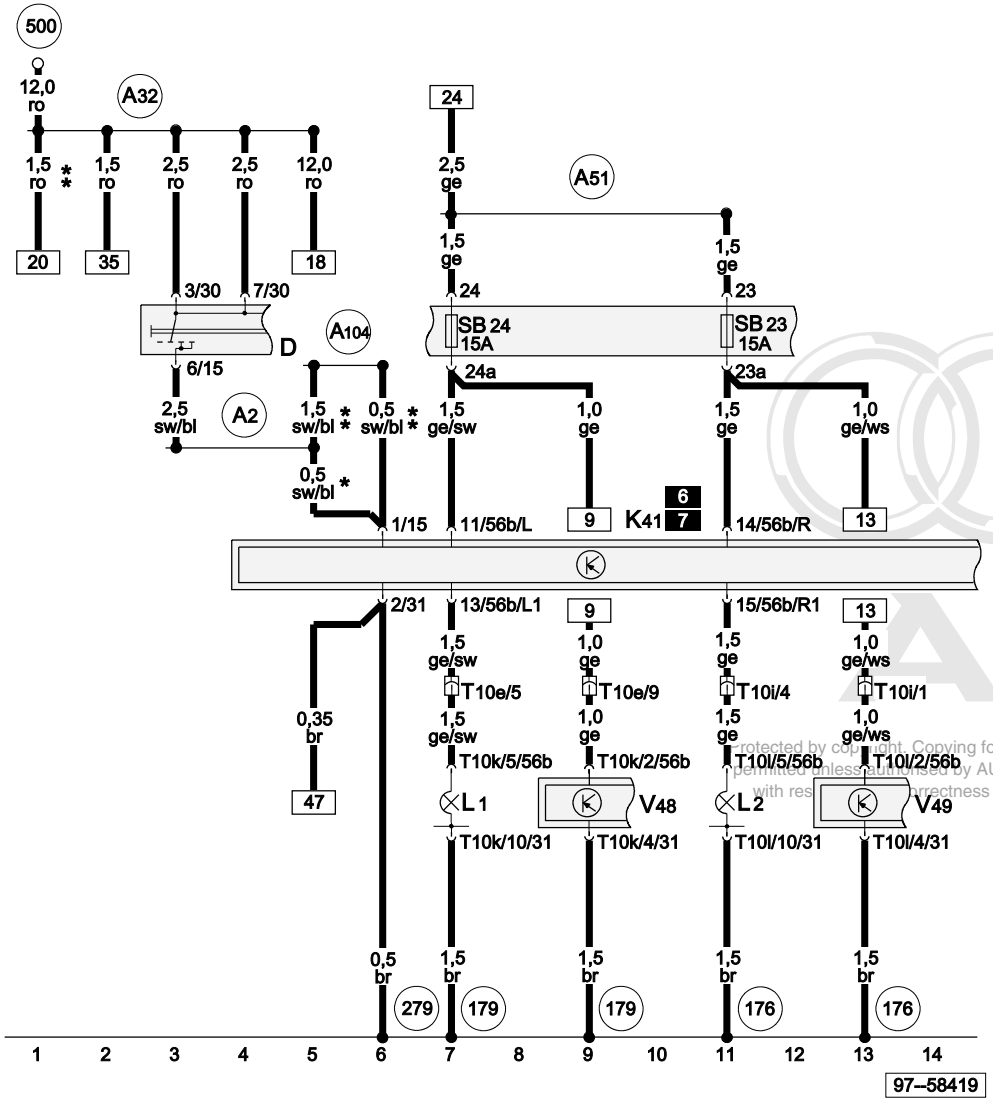

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, bulb check warning unit, twin filament bulb for left headlight

D	Ignition/starter switch
K41	Bulb check warning unit
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
SB23	Fuse -23- on fuse box
SB24	Fuse -24- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10i	10-pin connector, black, connector point, A pillar, right
T10k	10-pin connector, black, headlight, left
T10l	10-pin connector, black, headlight, right
V48	Headlight range control motor, left
V49	Headlight range control motor, right
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Connection (56), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

Audi
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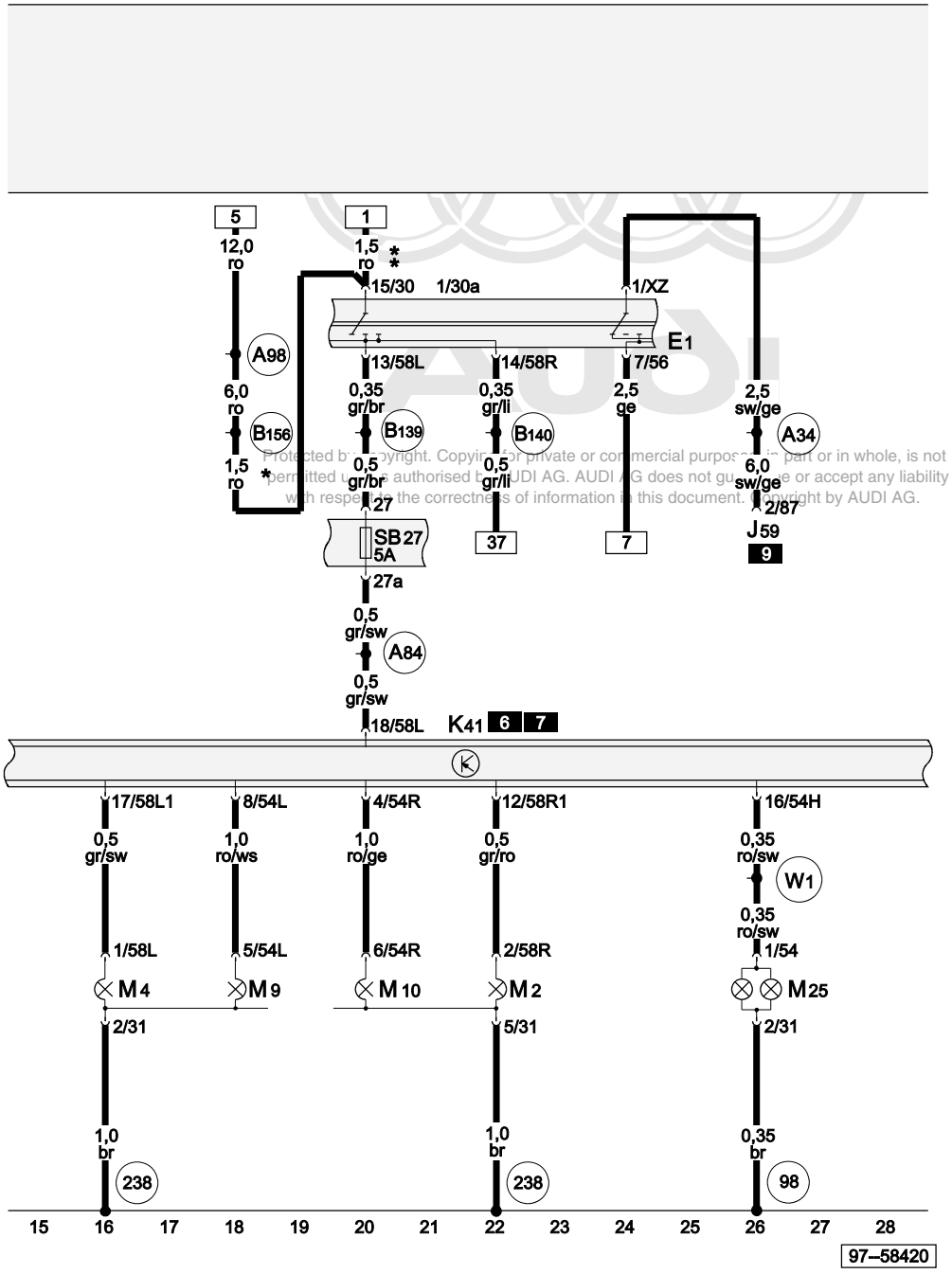

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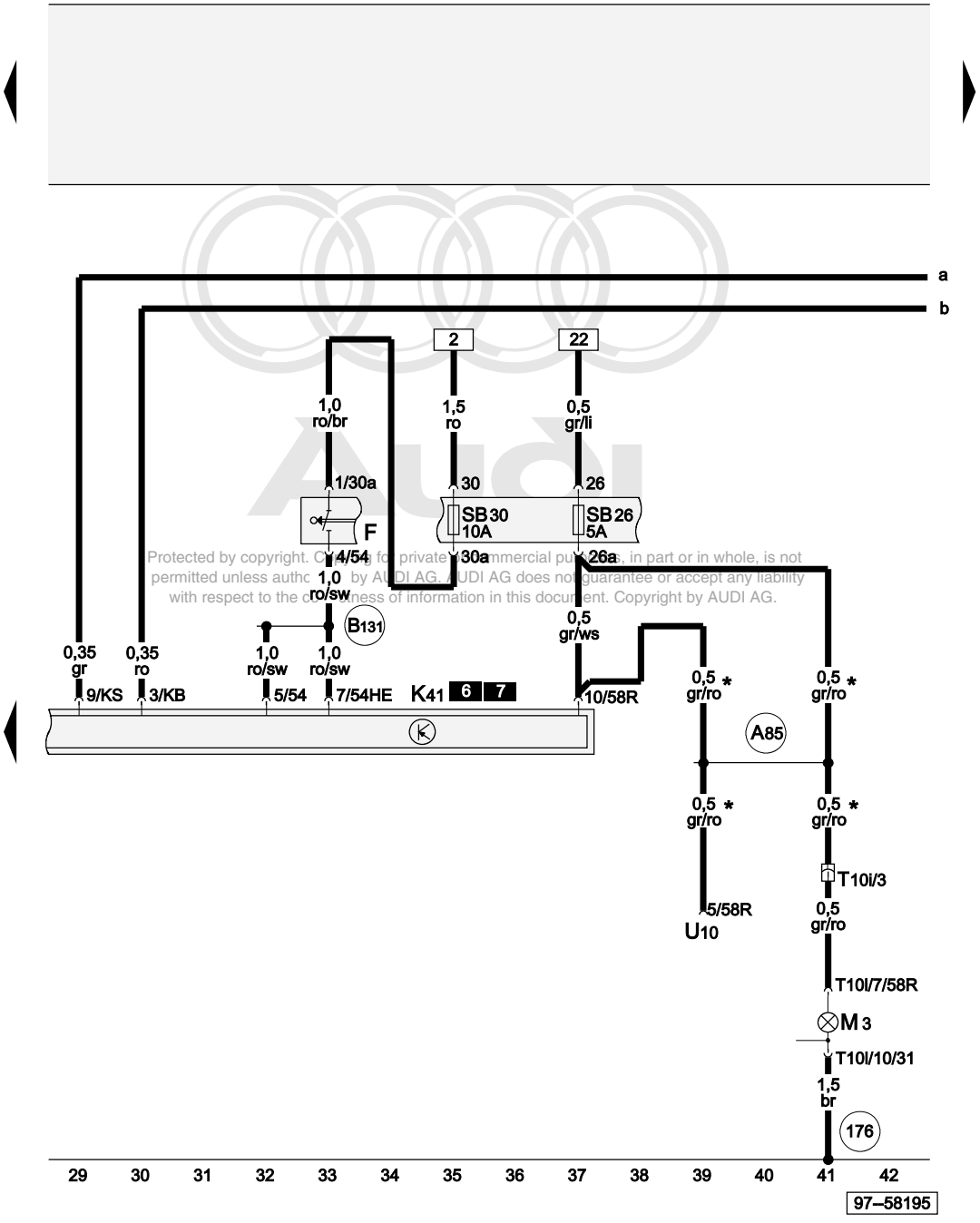
or = orange
rs = pink

Lighting switch, right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb

E1	Lighting switch
J59	X contact relief relay
K41	Bulb check warning unit
M2	Tail light bulb, right
M4	Tail light bulb, left
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
SB27	Fuse -27- on fuse box
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification



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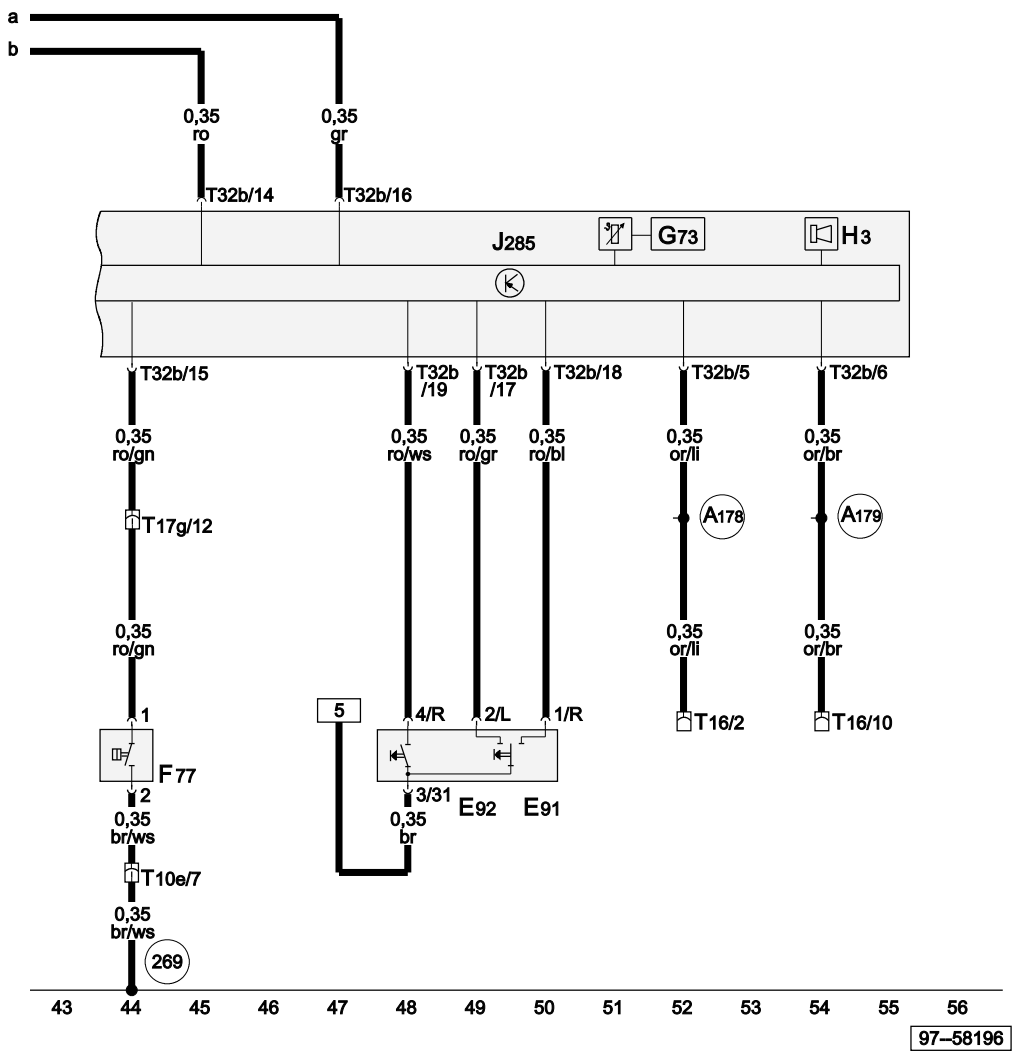
Brake light switch, bulb check warning unit, right side light bulb, trailer socket

F	Brake light switch
K41	Bulb check warning unit
M3	Side light bulb, right
SB26	Fuse -26- on fuse box
SB30	Fuse -30- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
U10	Trailer socket
(176)	Earth connection, in right headlight wiring harness
(A85)	Connection (58R), in dash panel wiring harness
(B131)	Connection (54), in interior wiring harness
*	Only applies to models with trailer socket

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

Function selection switch, washer fluid warning contact, control unit with display in dash panel insert

E91	Function selection switch
E92	Reset button
F77	Washer fluid warning contact
G73	Instrument light photosensor
H3	Buzzer/gong
J285	Control unit with display in dash panel insert
T10e	10-pin connector, brown, connector point, A pillar, left
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
T32b	32-pin connector, grey, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

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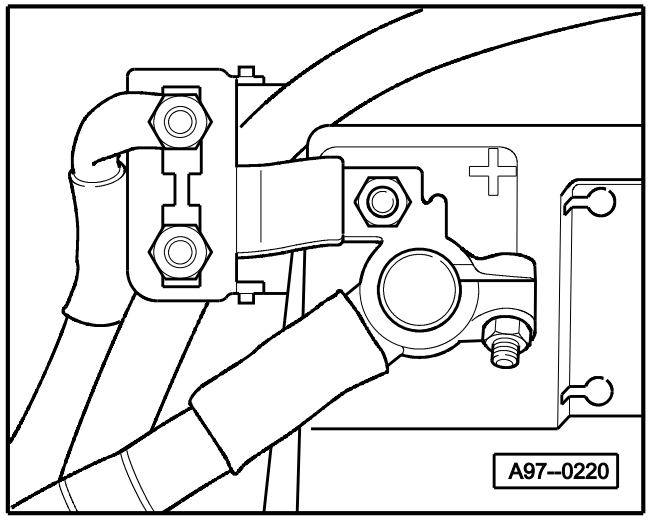
Provision for mobile phone

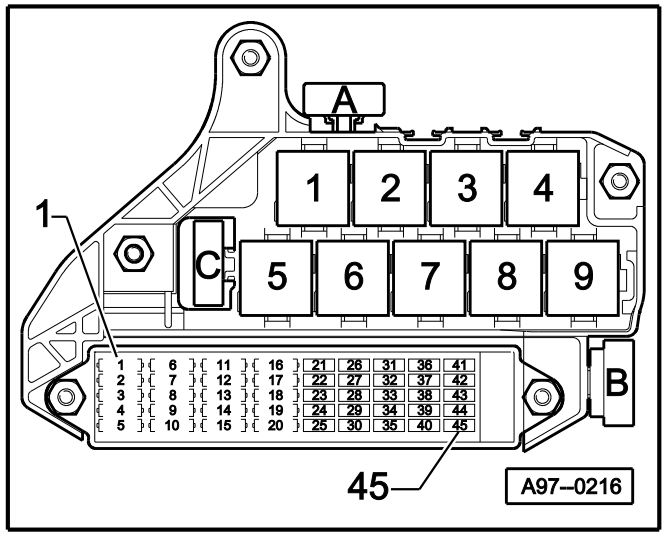
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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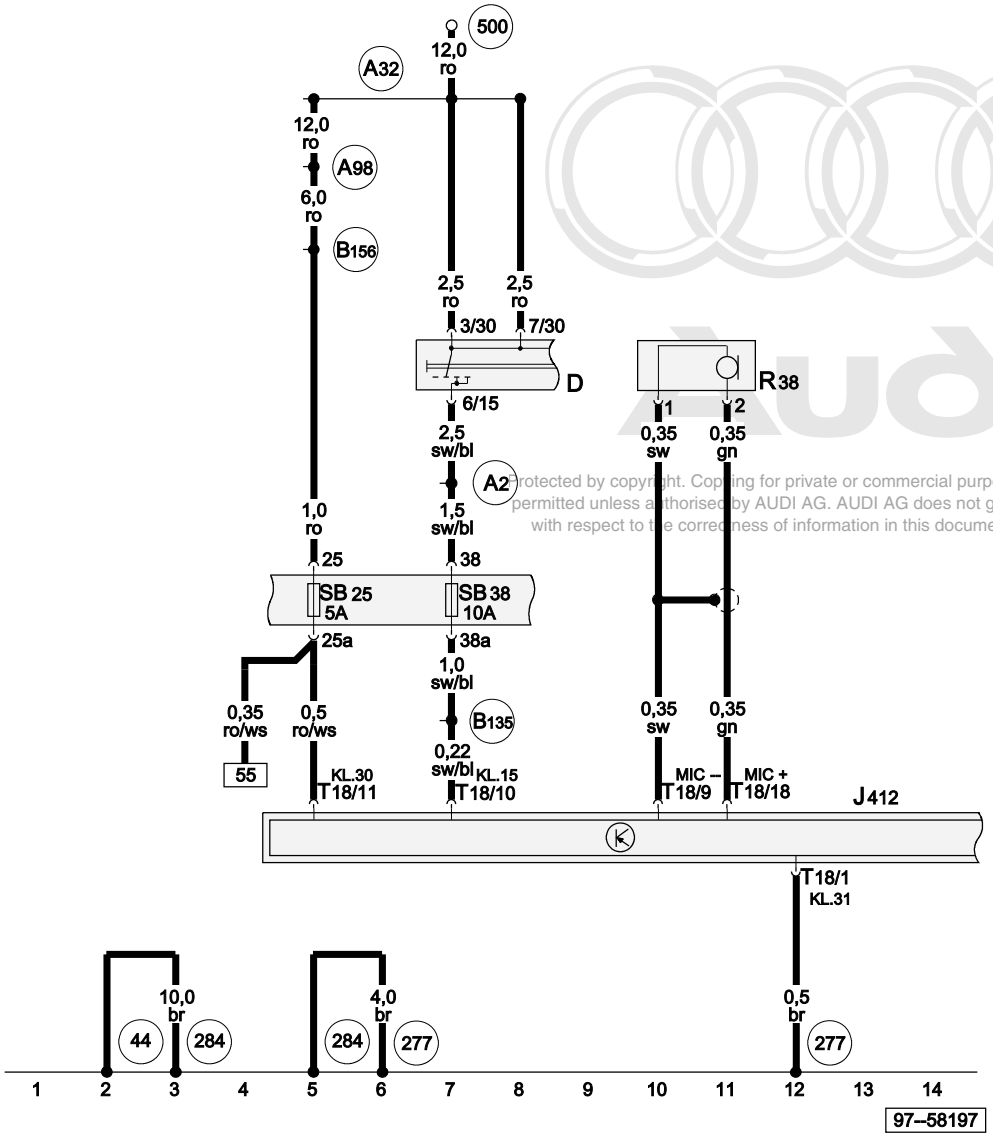

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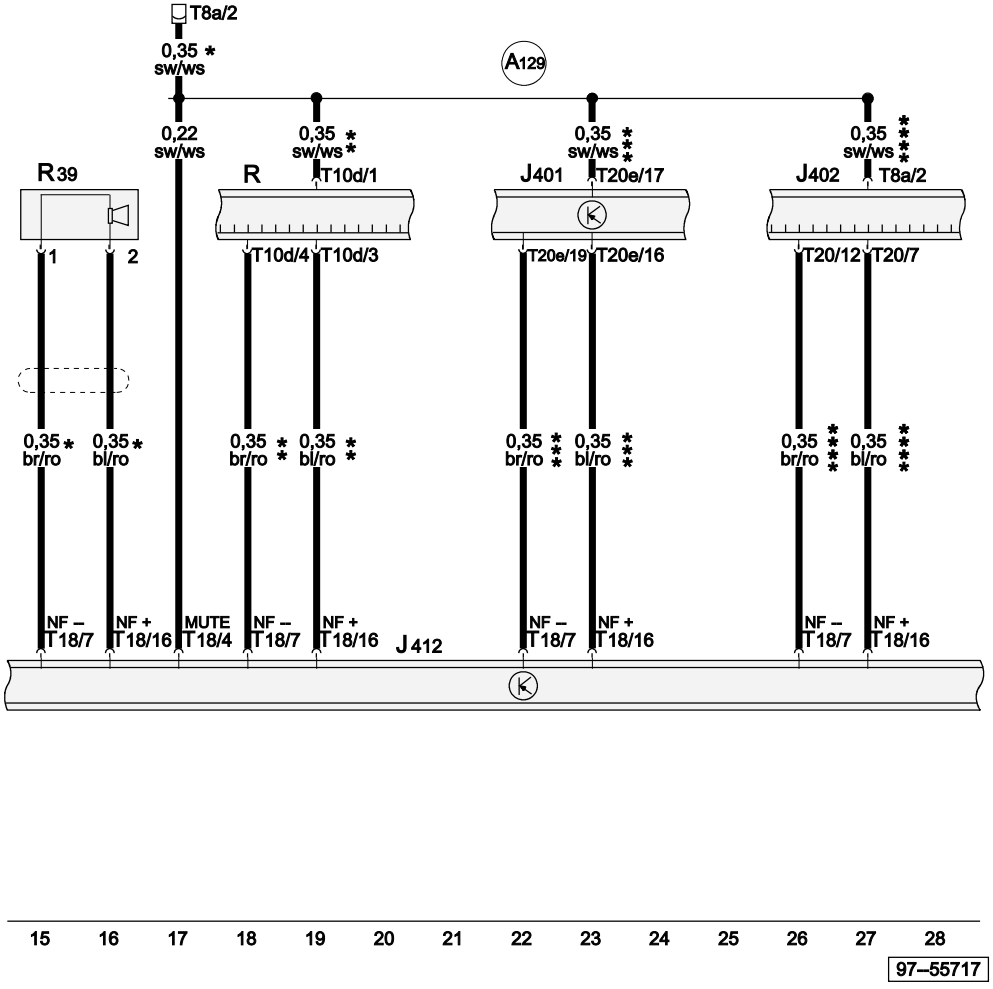
li = purple
ge = yellow
or = orange
rs = pink

Telephone microphone, mobile phone operating electronics control unit

D	Ignition/starter switch
J412	Operating electronics control unit, mobile phone
R38	Telephone microphone
SB25	Fuse -25- on fuse box
SB38	Fuse -38- on fuse box
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
44	Earth point, lower part of left A pillar
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness



Navigation system with CD drive control unit, navigation operating electronics control unit, radio, telephone/navigation systems loudspeaker

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
J412	Operating electronics control unit, mobile phone
R	Radio
R39	Telephone/navigation systems loudspeaker
T8a	8-pin connector, black, radio connector III
T10d	10-pin connector, red, radio connector IV
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
T20	20-pin connector, black, radio connector I
T20e	20-pin connector, black, navigation system with CD drive control unit
A129	Connection (muting), in dash panel wiring harness
*	Only applies to models with provision for radio (not factory-fitted radios)
**	Only applies to models with radio Chorus, Concert or Symphony
***	Only applies to models with navigation system 'NS Low'
****	Only applies to models with radio navigation system (RNS-D)

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Mobile phone operating electronics control unit, mobile telephone

J412 Operating electronics control unit, mobile phone
R54 Mobile telephone

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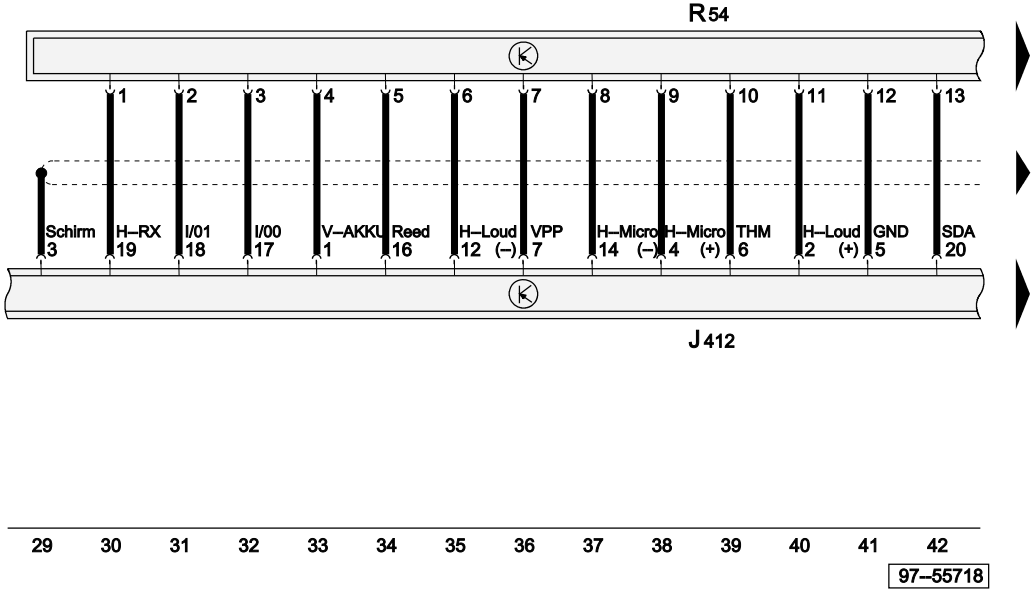

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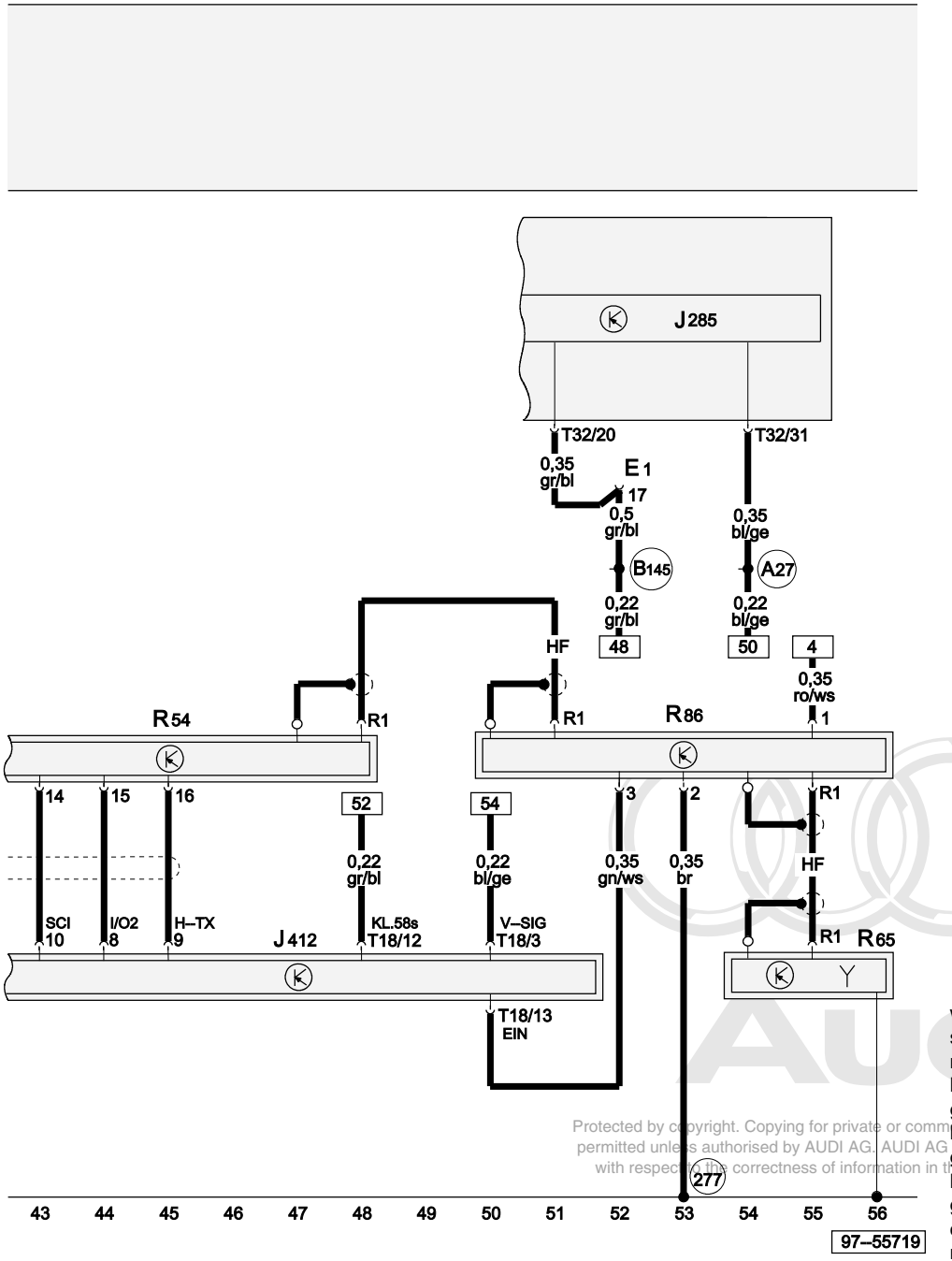
rs = pink



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

Mobile phone operating electronics control unit, telephone aerial, aerial amplifier for mobile phone

E1	Lighting switch
J285	Control unit with display in dash panel insert
J412	Operating electronics control unit, mobile phone
R1	Aerial connection
R54	Mobile telephone
R65	Telephone aerial
R86	Aerial amplifier, mobile telephone
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
T32	32-pin connector, blue, on dash panel insert
277	Earth connection -3-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness

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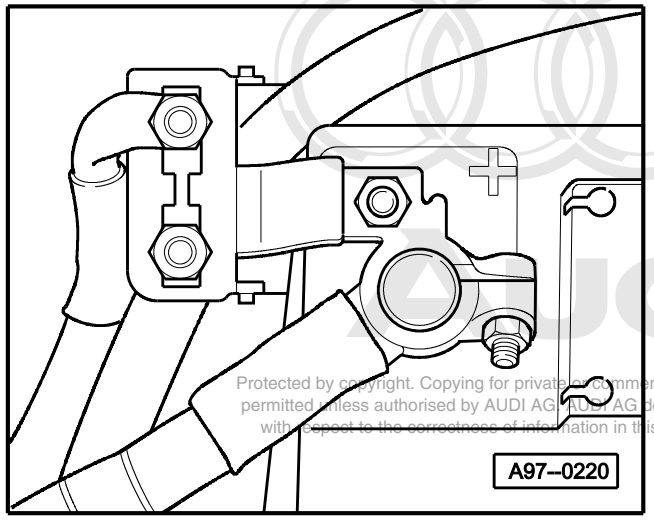
Air conditioning system

From model year 2003

Main fuse



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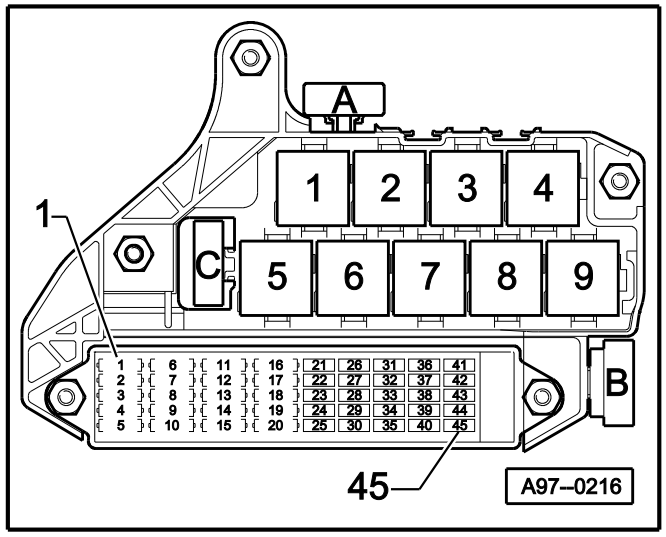
- On battery

9-point relay carrier, fuse box



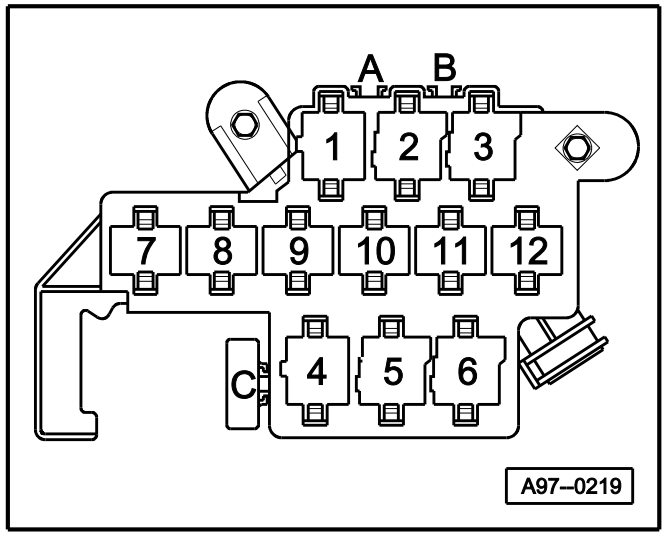
♦ In dash panel, driver's side

9 - X contact relief relay (J59)
C - Radiator fan control unit fuse (S142)

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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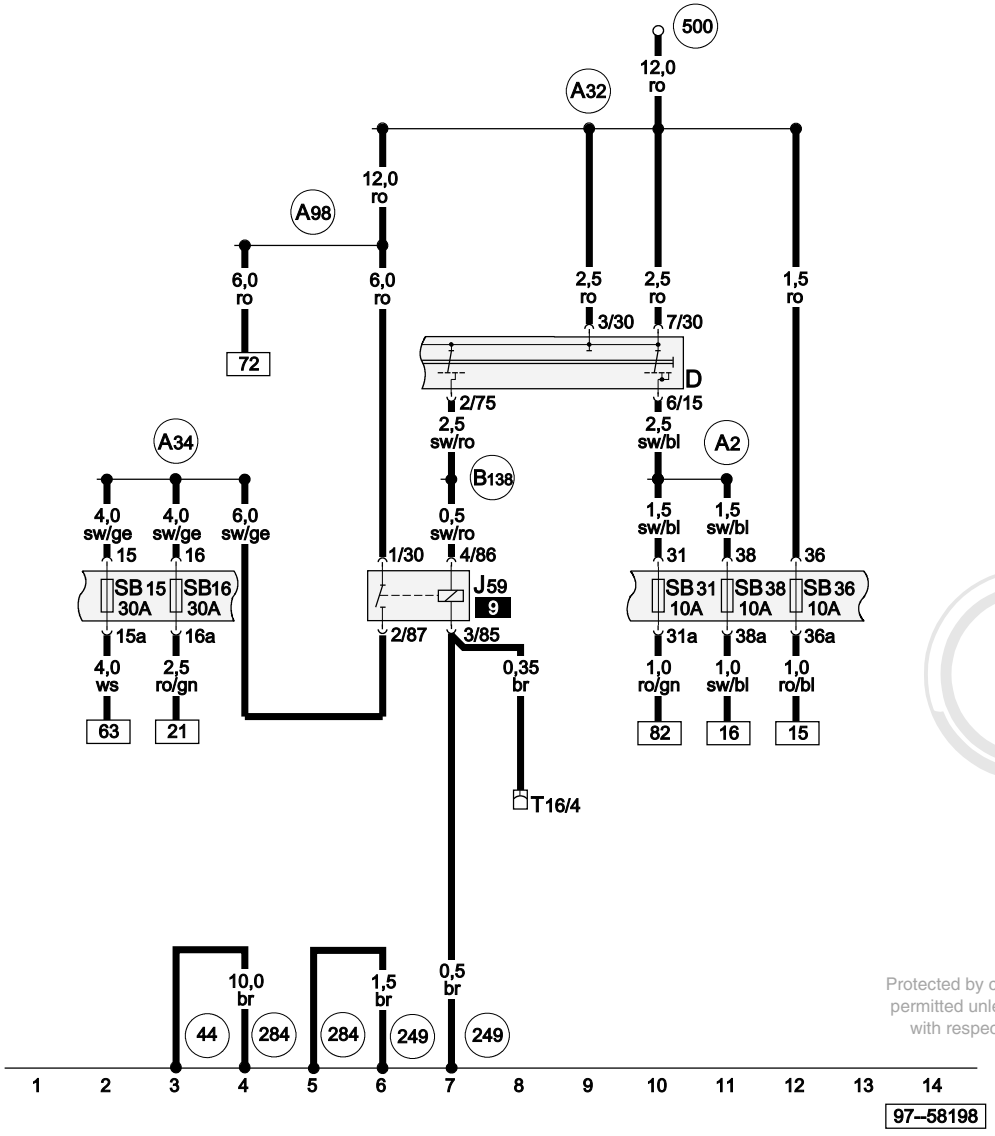

Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB31	Fuse -31- on fuse box
SB36	Fuse -36- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior 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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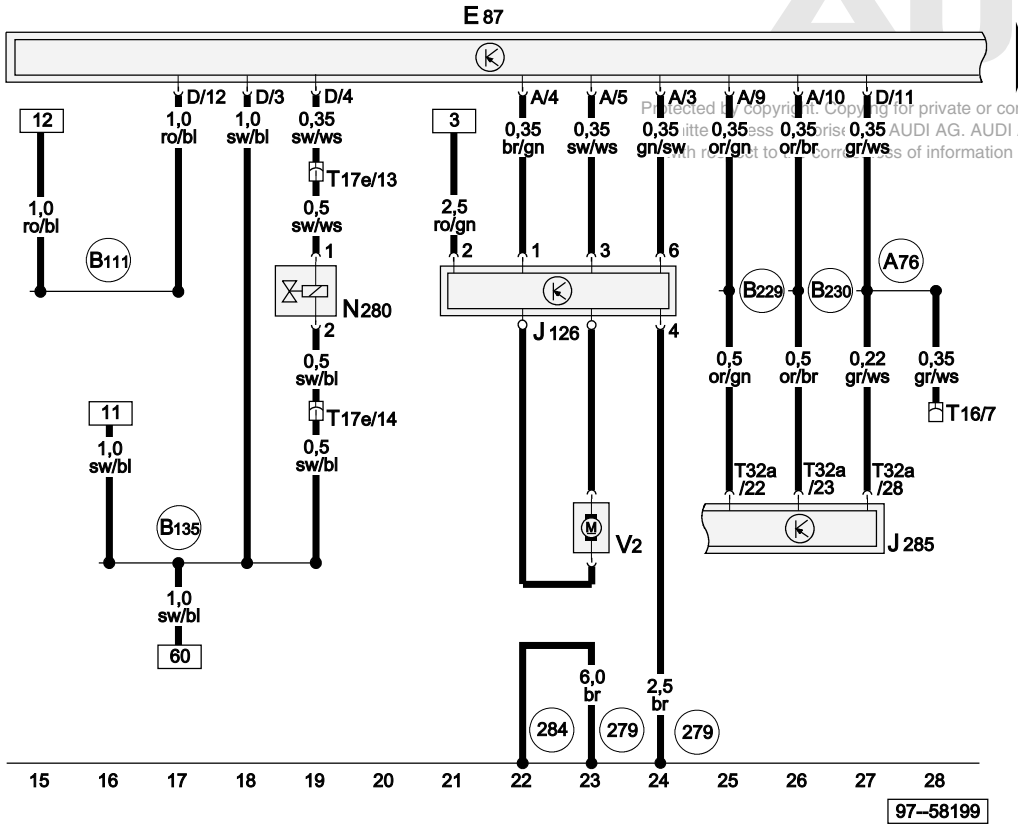
Air conditioning system/Climatronic operating and display unit, fresh air blower control unit, air conditioning system compressor regulating valve

E87	Air conditioning system/Climatronic operating and display unit
J126	Fresh air blower control unit
J285	Control unit with display in dash panel insert
N280	Air conditioning system compressor regulating valve
T16	16-pin connector, diagnostic connector, black, near fuse box
T17e	17-pin connector, blue, in footwell, front left
T32a	32-pin connector, green, on dash panel insert
V2	Fresh air blower
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior 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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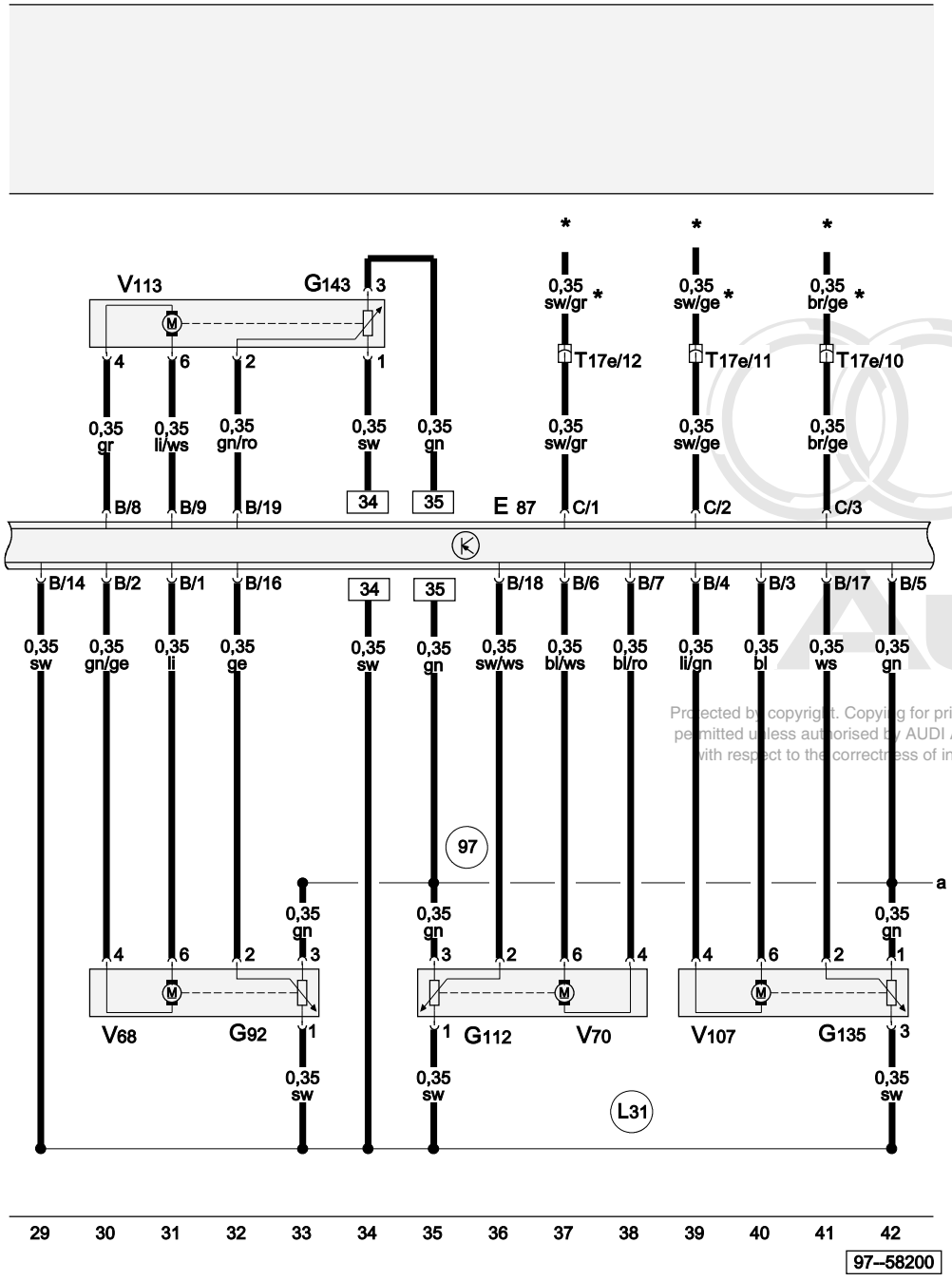

Temperature flap control motor potentiometer, central flap control motor potentiometer, defroster flap control motor potentiometer

E87	Air conditioning system/Climatronic operating and display unit
G92	Temperature flap control motor potentiometer
G112	Central flap control motor potentiometer
G135	Defroster flap control motor potentiometer
G143	Air recirculation flap control motor potentiometer
T17e	17-pin connector, blue, in footwell, front left
V68	Temperature flap control motor
V70	Central flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
97	Earth connection -1-, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	⇒ Applicable engine Current Flow Diagram

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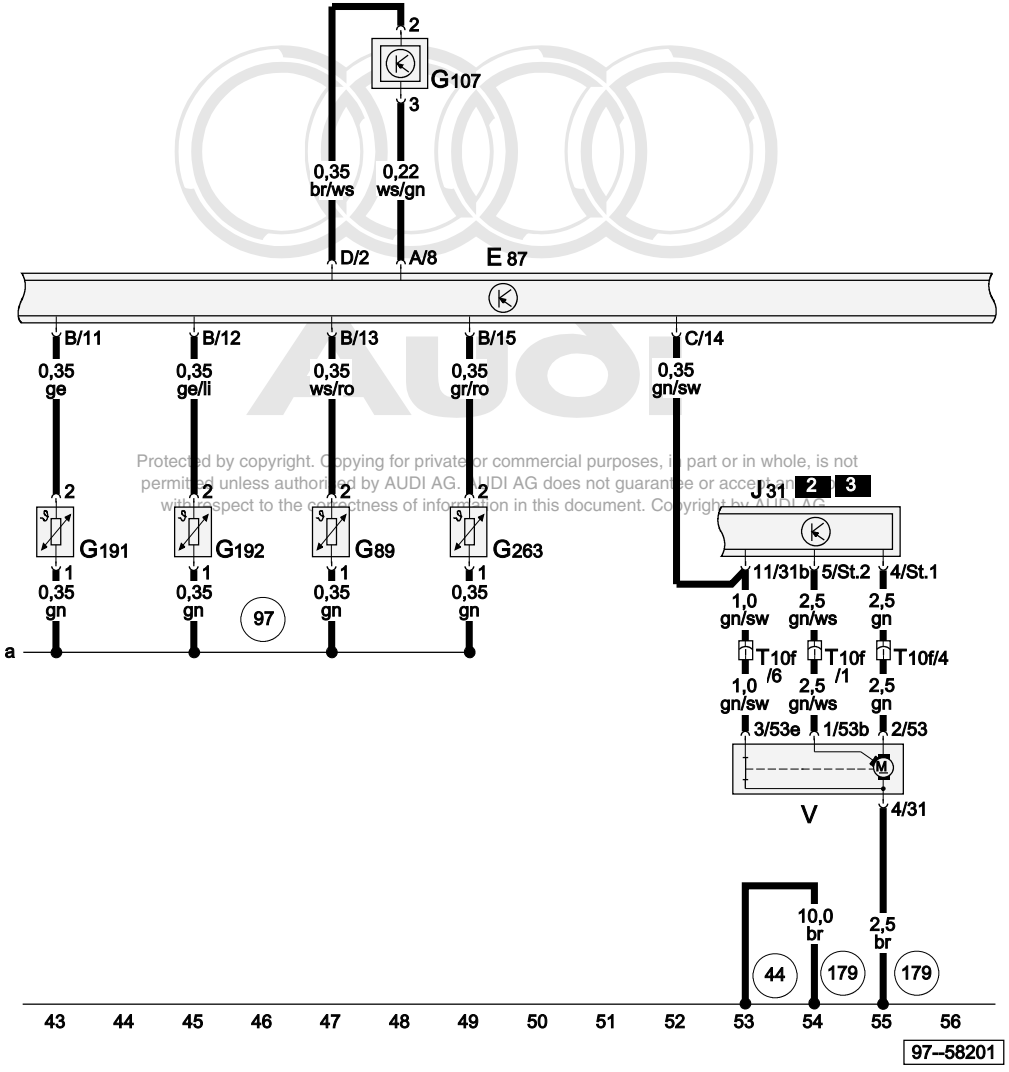
Fresh air intake duct temperature sensor, sunlight penetration photosensor, evaporator out-flow temperature sender

E87	Air conditioning system/Climatronic operating and display unit
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photosensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
G263	Evaporator out-flow temperature sender
J31	Automatic intermittent wash/wipe relay
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
44	Earth point, lower part of left A pillar
97	Earth connection -1-, in air conditioning system wiring harness
179	Earth connection, in left headlight wiring harness



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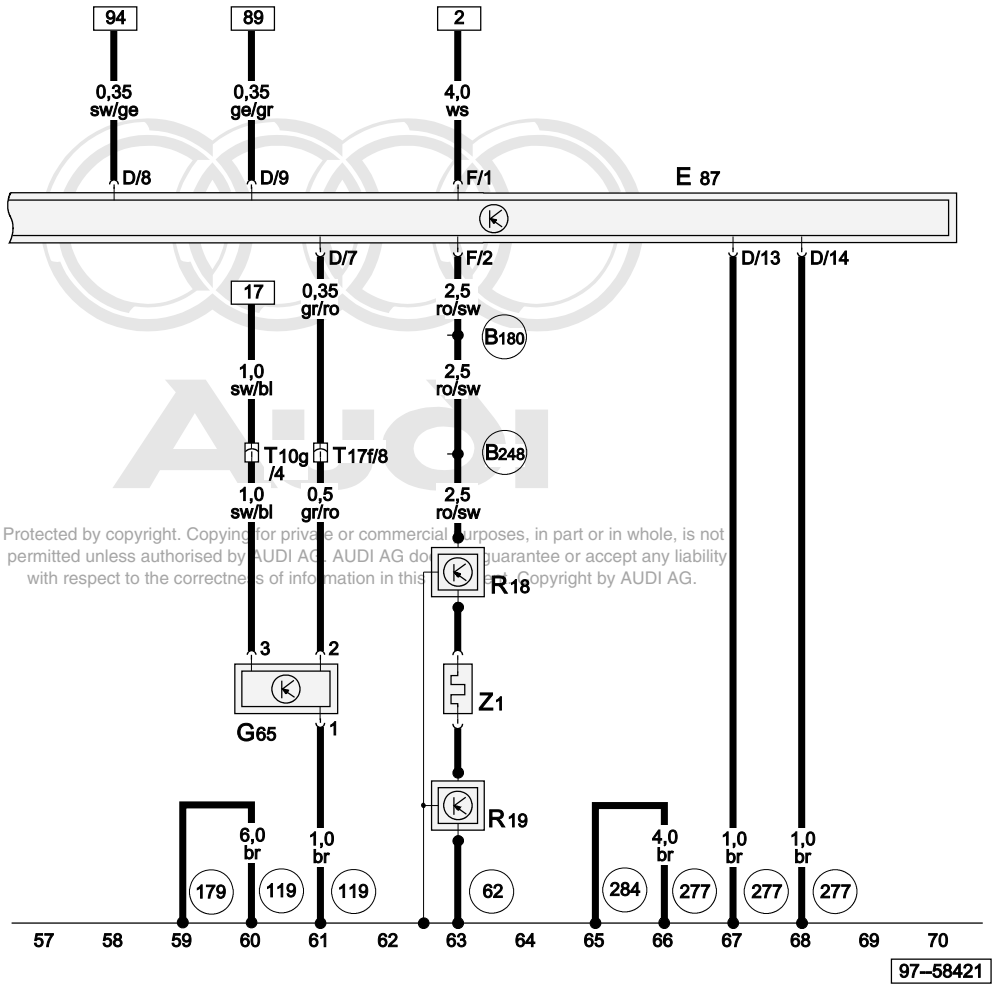
Air conditioning system/Climatronic operating and display unit, high pressure sender, heated rear window



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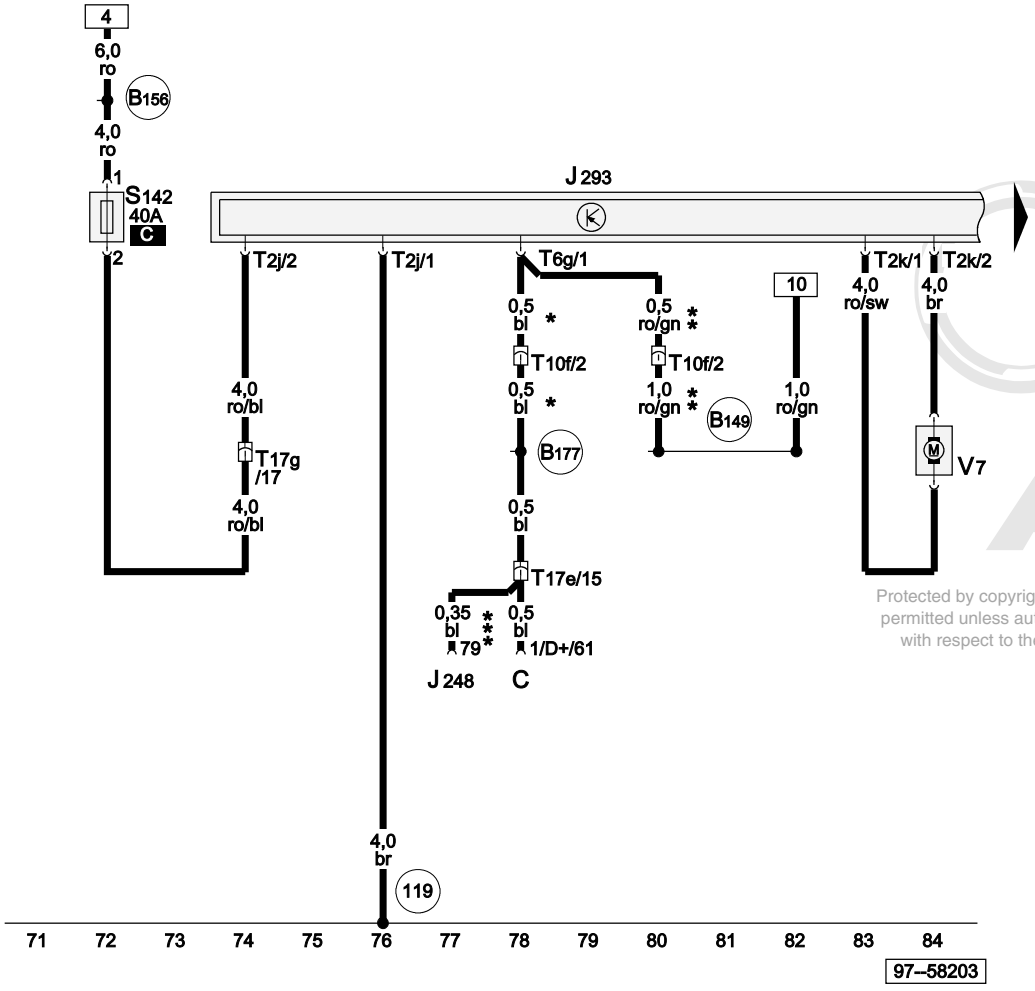
rs	=	pink

E87	Air conditioning system/Climatronic operating and display unit
G65	High pressure sender
R18	Frequency switch, left
R19	Frequency switch, right
T10g	10-pin connector, grey, connector point, A pillar, left
T17f	17-pin connector, white, connector point, A pillar, left
Z1	Heated rear window
62	Earth point, right C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

Radiator fan control unit, radiator fan control unit fuse, radiator fan

C	Alternator
J248	Diesel direct injection system control unit
J293	Radiator fan control unit
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
119	Earth connection -1-, in headlight wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B177	Connection (61), in interior wiring harness
*	Does not apply to models with engine code BAD
**	Only applies to models with engine code BAD
***	Only applies to models with engine code AMF



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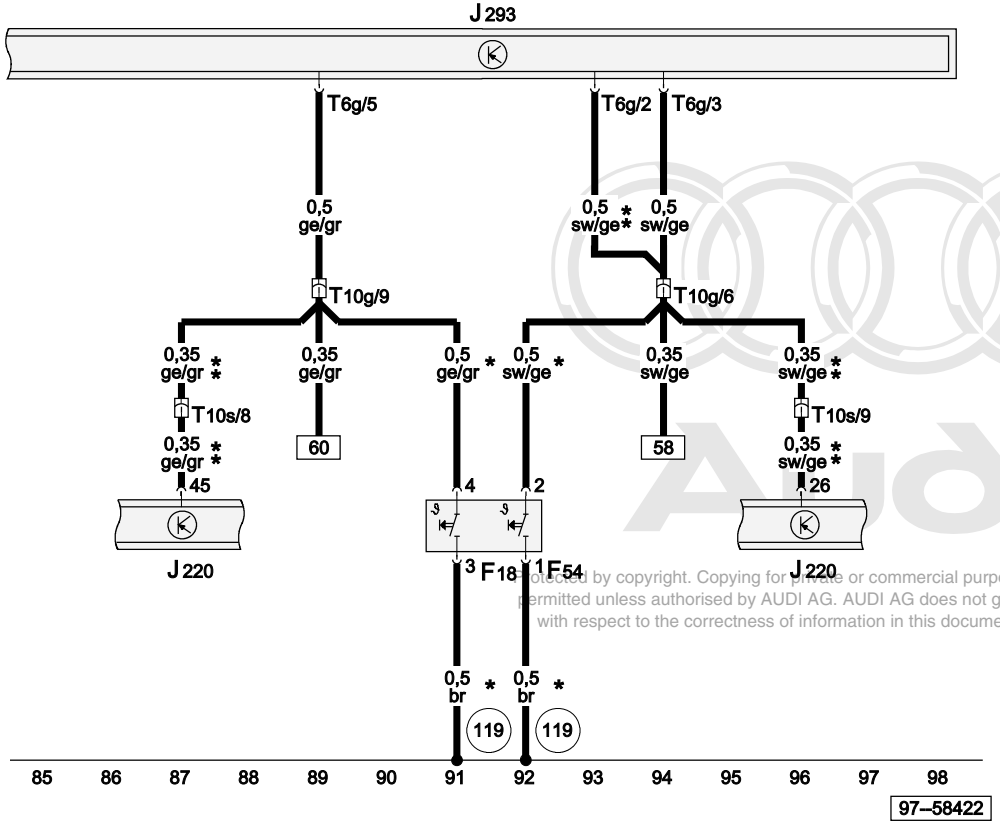
Radiator fan thermo-switches, Motronic control unit, radiator fan control unit

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J220	Motronic control unit
J293	Radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10g	10-pin connector, grey, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
(119)	Earth connection -1-, in headlight wiring harness
*	Does not apply to models with engine code BAD
**	Only applies to models with engine code BAD



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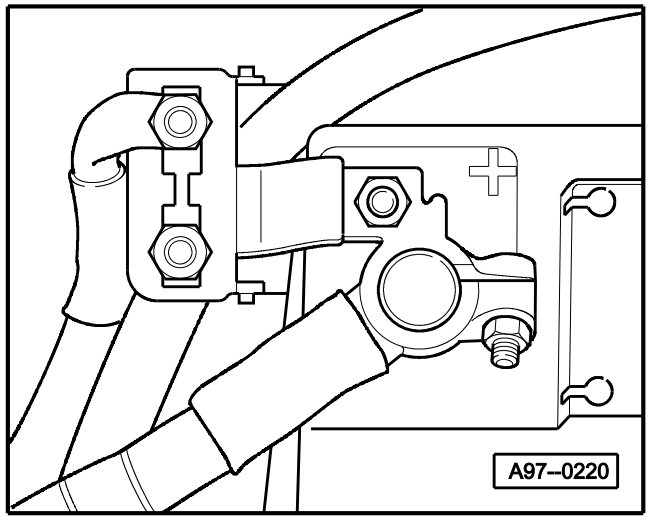
Air conditioning system for 1.2 litre TDI engine, engine code ANY

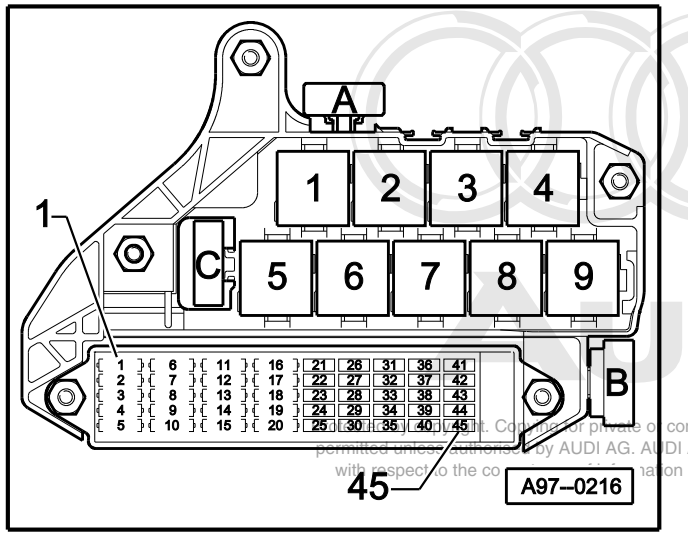
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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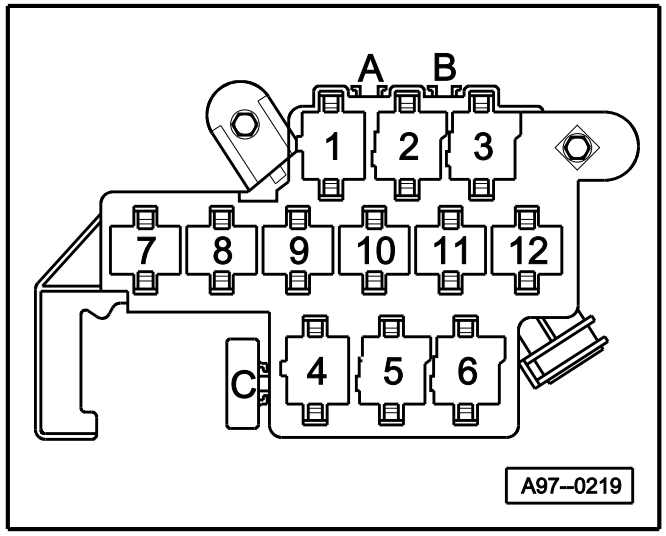
♦ In dash panel, driver's side

1 - Consumer switch-off relay (J511)
9 - X contact relief relay (J59)
C - Radiator fan control unit fuse (S142)

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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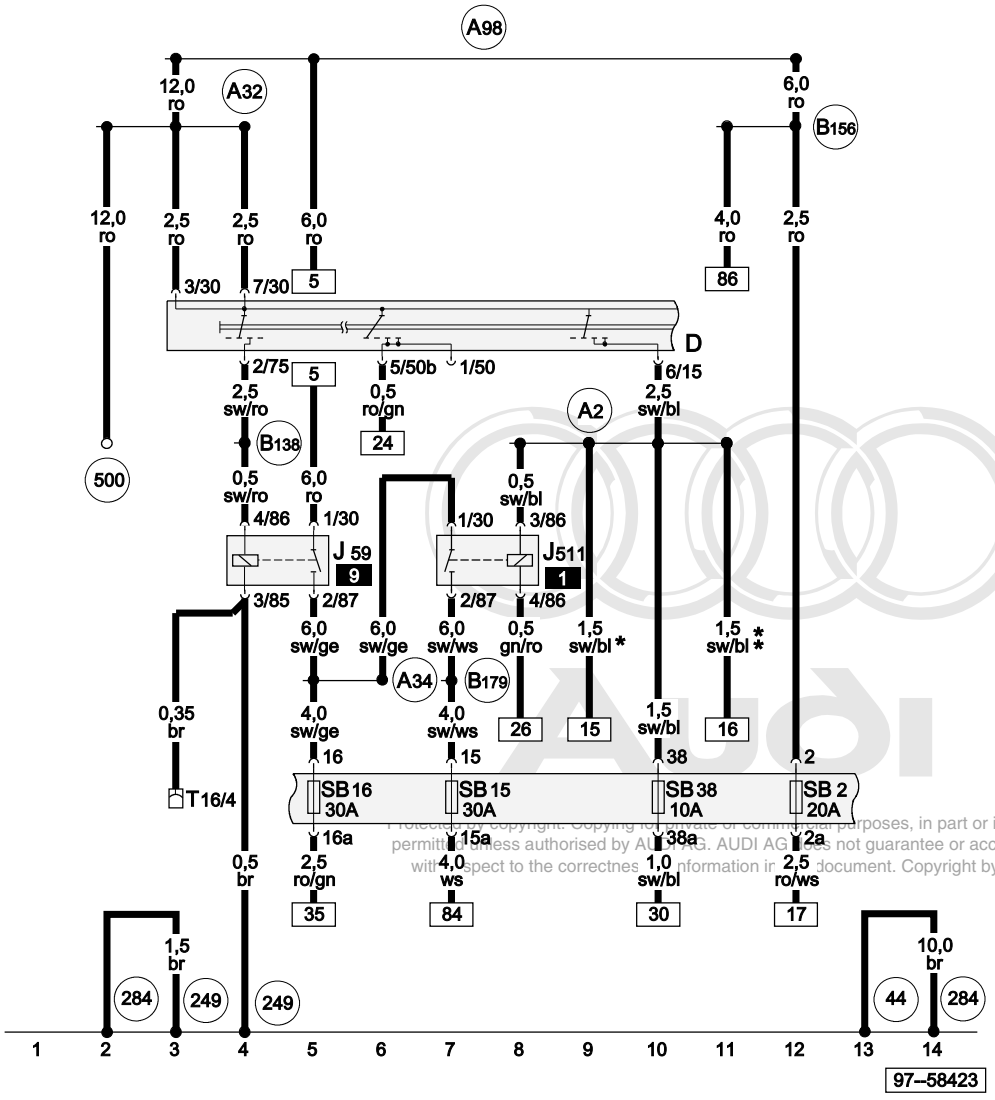

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, X contact relief relay, consumer switch-off relay

D	Ignition/starter switch
J59	X contact relief relay
J511	Consumer switch-off relay
SB2	Fuse -2- on fuse box
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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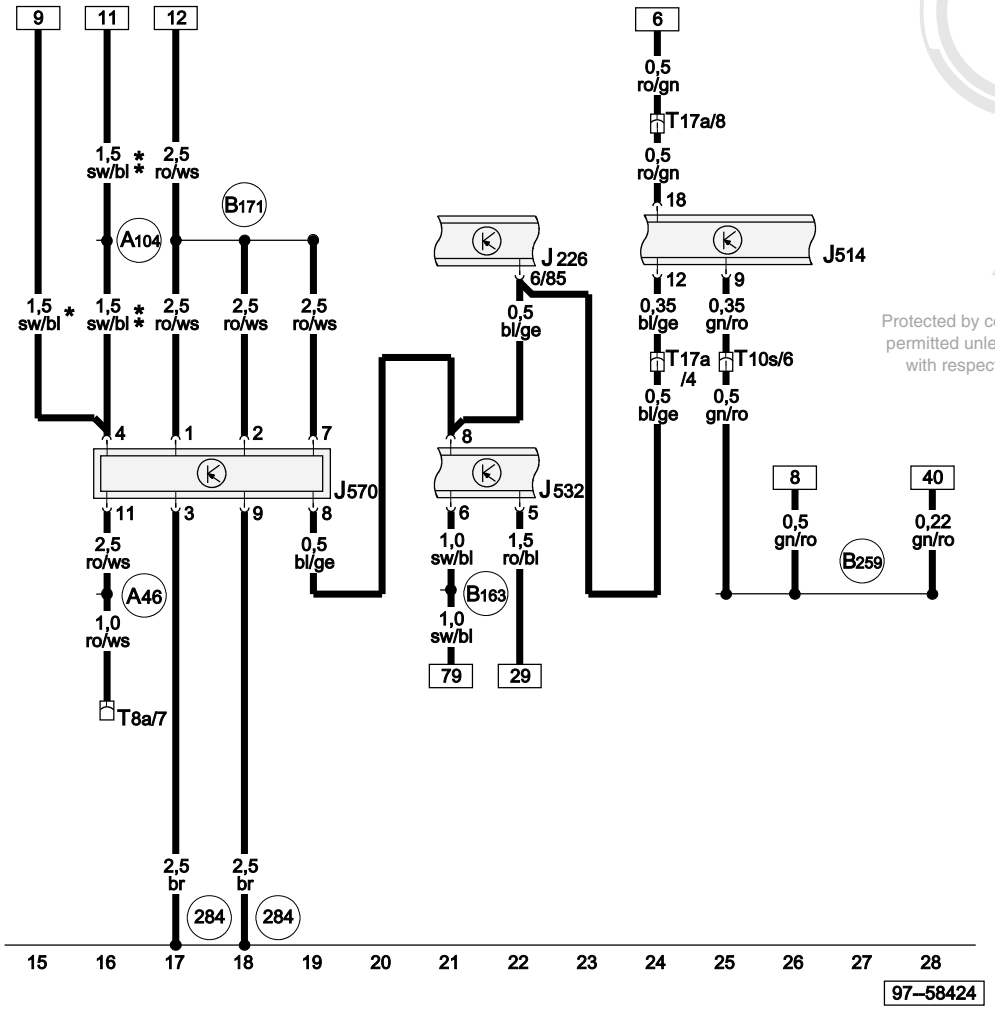
Starter inhibitor and reversing light relay, electronic manual gearbox control unit, voltage stabiliser

J226	Starter inhibitor and reversing light relay
J514	Electronic manual gearbox control unit
J532	Voltage stabiliser
J570	Voltage stabiliser 2
T8a	8-pin connector, black, radio connector III
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
284	Earth connection -6-, in interior wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
B171	Positive (+) connection -3- (30), in interior wiring harness
B259	Connection (start/stop signal), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification



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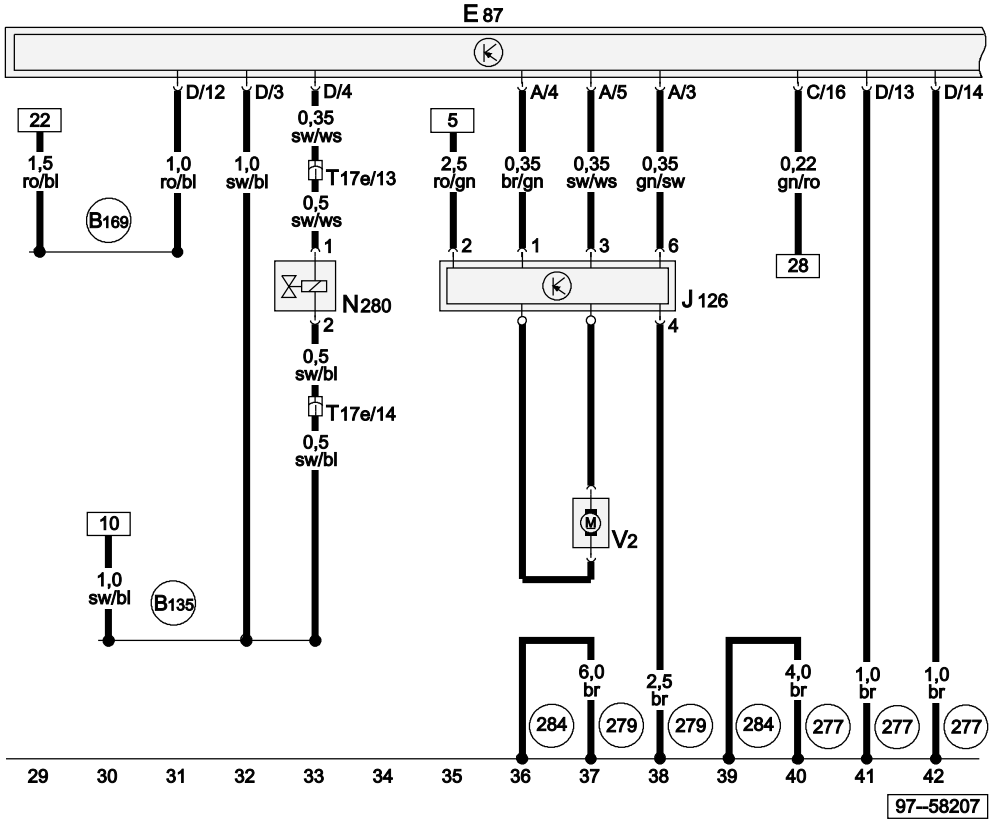
Air conditioning system/Climatronic operating and display unit, fresh air blower control unit, fresh air blower

E87	Air conditioning system/Climatronic operating and display unit
J126	Fresh air blower control unit
N280	Air conditioning system compressor regulating valve
T17e	17-pin connector, blue, in footwell, front left
V2	Fresh air blower
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
B169	Positive (+) connection -1- (30), in interior wiring harness



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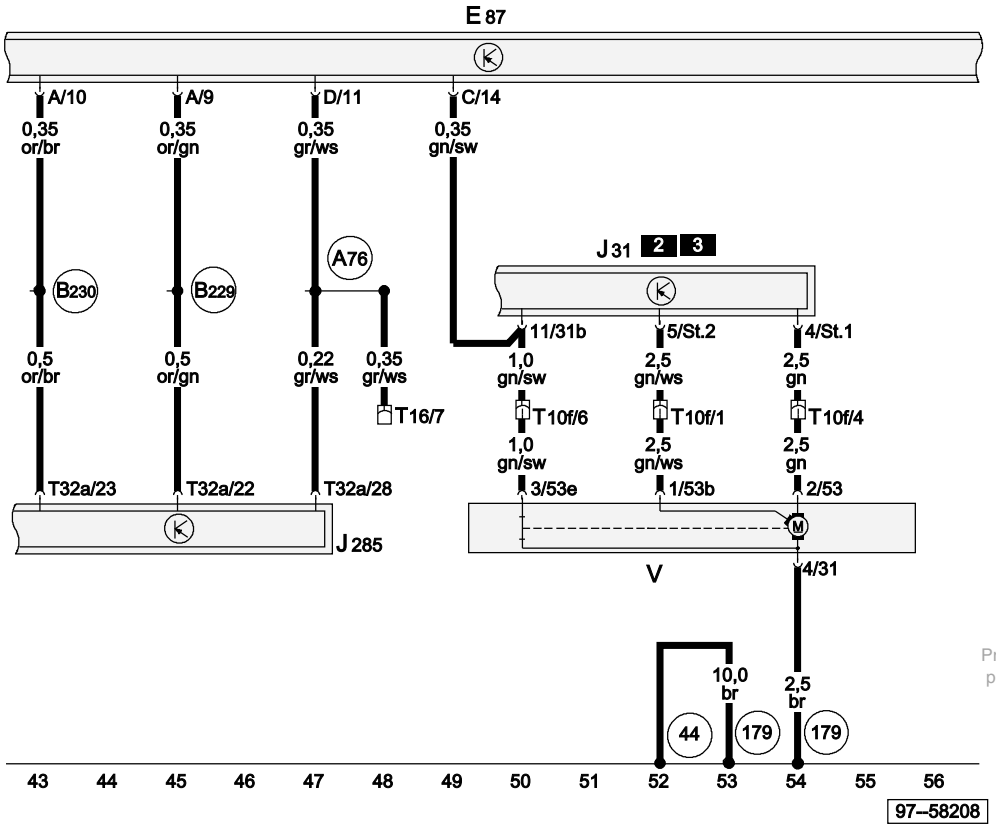
Air conditioning system/Climatronic operating and display unit, control unit with display in dash panel insert

E87	Air conditioning system/Climatronic operating and display unit
J31	Automatic intermittent wash/wipe relay
J285	Control unit with display in dash panel insert
T10f	10-pin connector, blue, connector point, A pillar, left
T16	16-pin connector, diagnostic connector, black, near fuse box
T32a	32-pin connector, green, on dash panel insert
V	Windscreen wiper motor
44	Earth point, lower part of left A pillar
179	Earth connection, in left headlight 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



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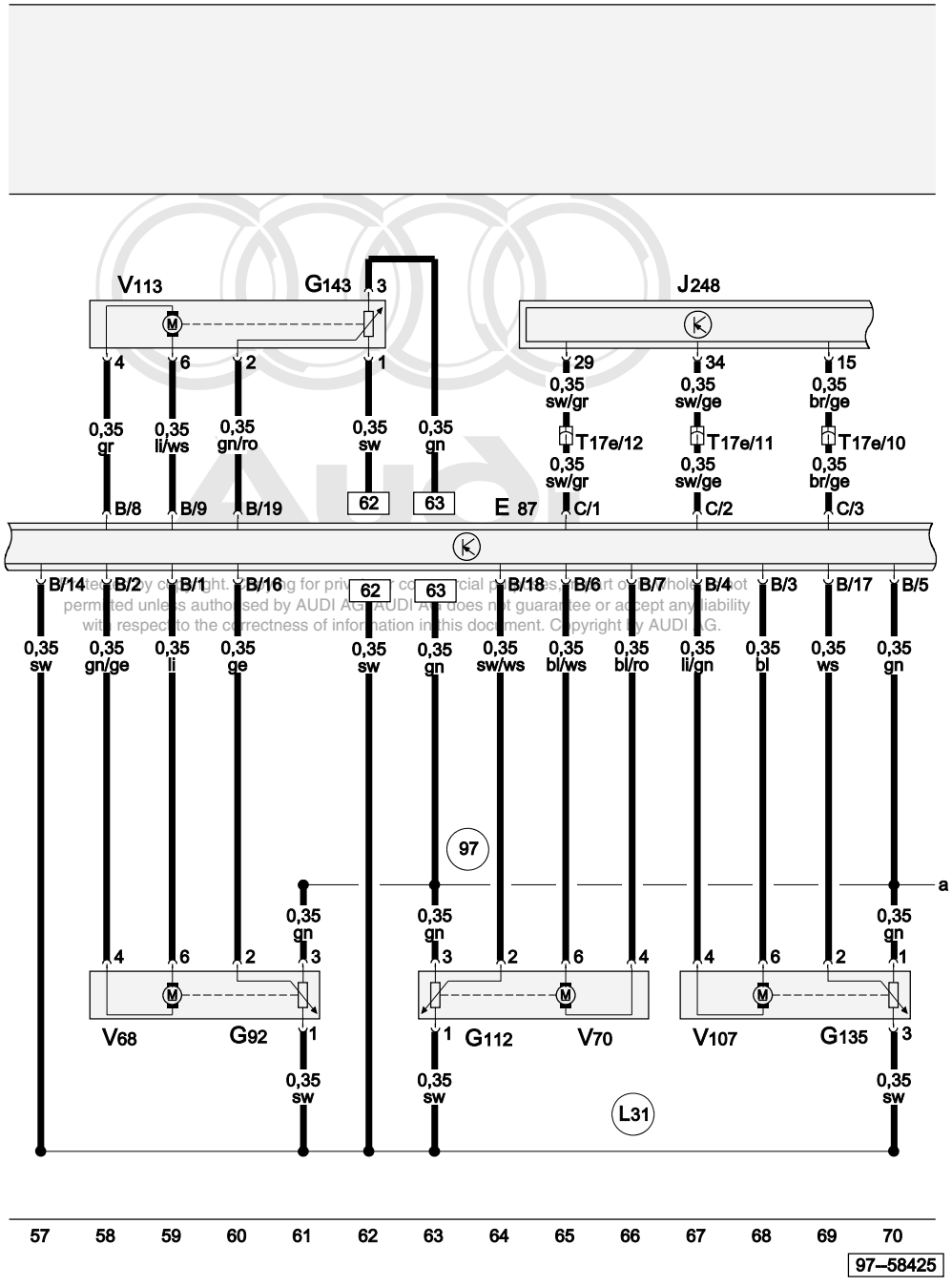

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Temperature flap control motor potentiometer, central flap control motor potentiometer, defroster flap control motor potentiometer

E87	Air conditioning system/Climatronic operating and display unit
G92	Temperature flap control motor potentiometer
G112	Central flap control motor potentiometer
G135	Defroster flap control motor potentiometer
G143	Air recirculation flap control motor potentiometer
J248	Diesel direct injection system control unit
T17e	17-pin connector, blue, in footwell, front left
V68	Temperature flap control motor
V70	Central flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
97	Earth connection -1-, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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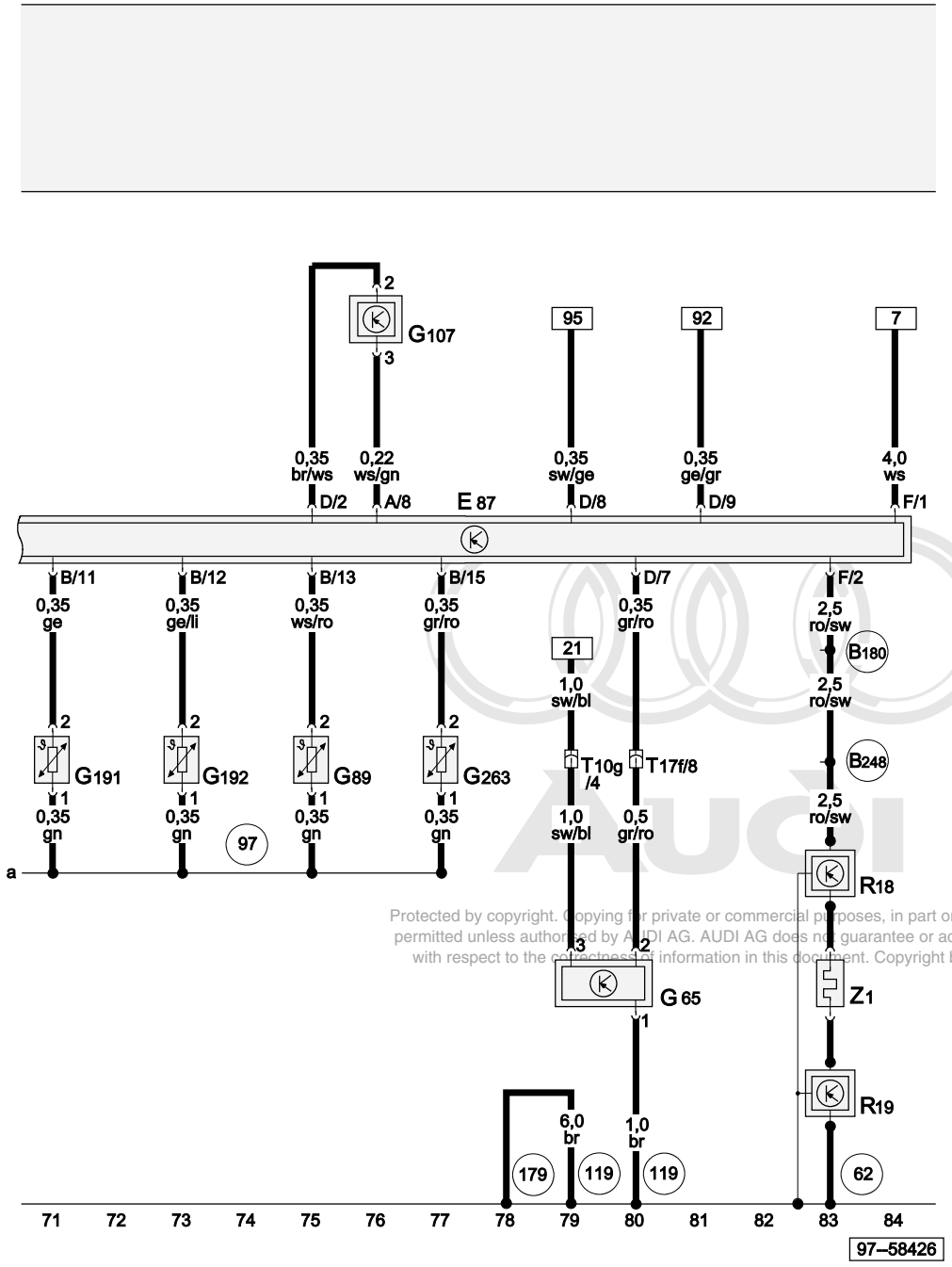

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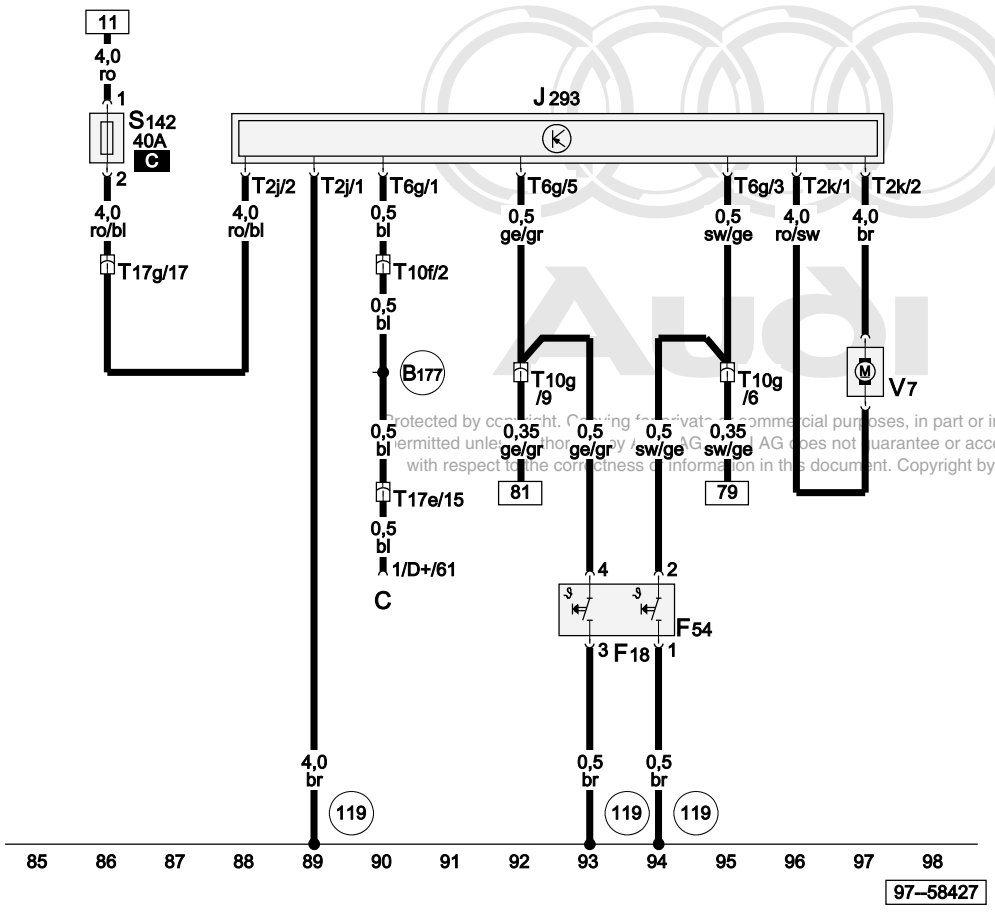
High pressure sender, fresh air intake duct temperature sensor, sunlight penetration photosensor, evaporator out-flow temperature sender

E87	Air conditioning system/Climatronic operating and display unit
G65	High pressure sender
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photosensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
G263	Evaporator out-flow temperature sender
R18	Frequency switch, left
R19	Frequency switch, right
T10g	10-pin connector, grey, connector point, A pillar, left
T17f	17-pin connector, white, connector point, A pillar, left
Z1	Heated rear window
62	Earth point, right C pillar
97	Earth connection -1-, in air conditioning system wiring harness
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

Radiator fan thermo-switches, radiator fan control unit, radiator fan control unit fuse, radiator fan

C	Alternator
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J293	Radiator fan control unit
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
119	Earth connection -1-, in headlight wiring harness
B177	Connection (61), in interior wiring harness



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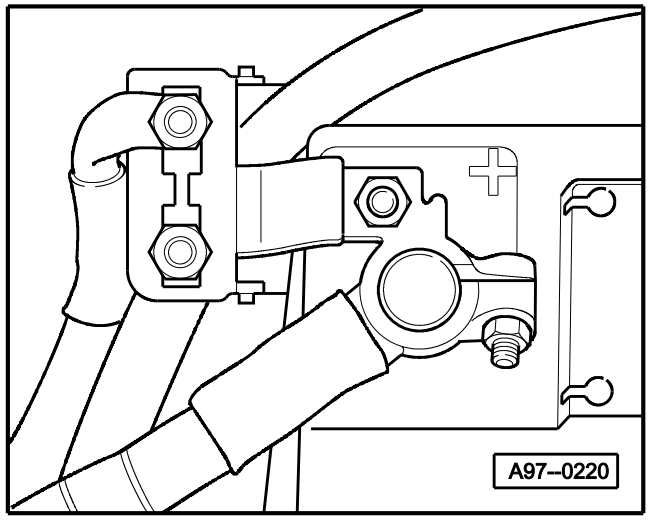
Navigation system (NS LOW)

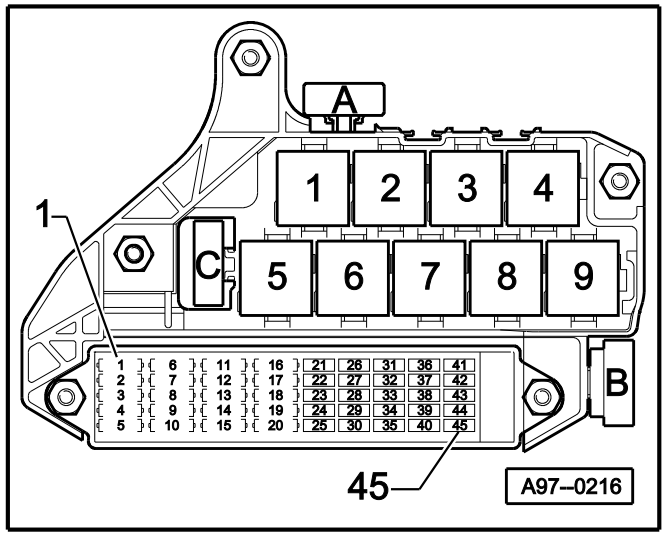
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

Fuse colours

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

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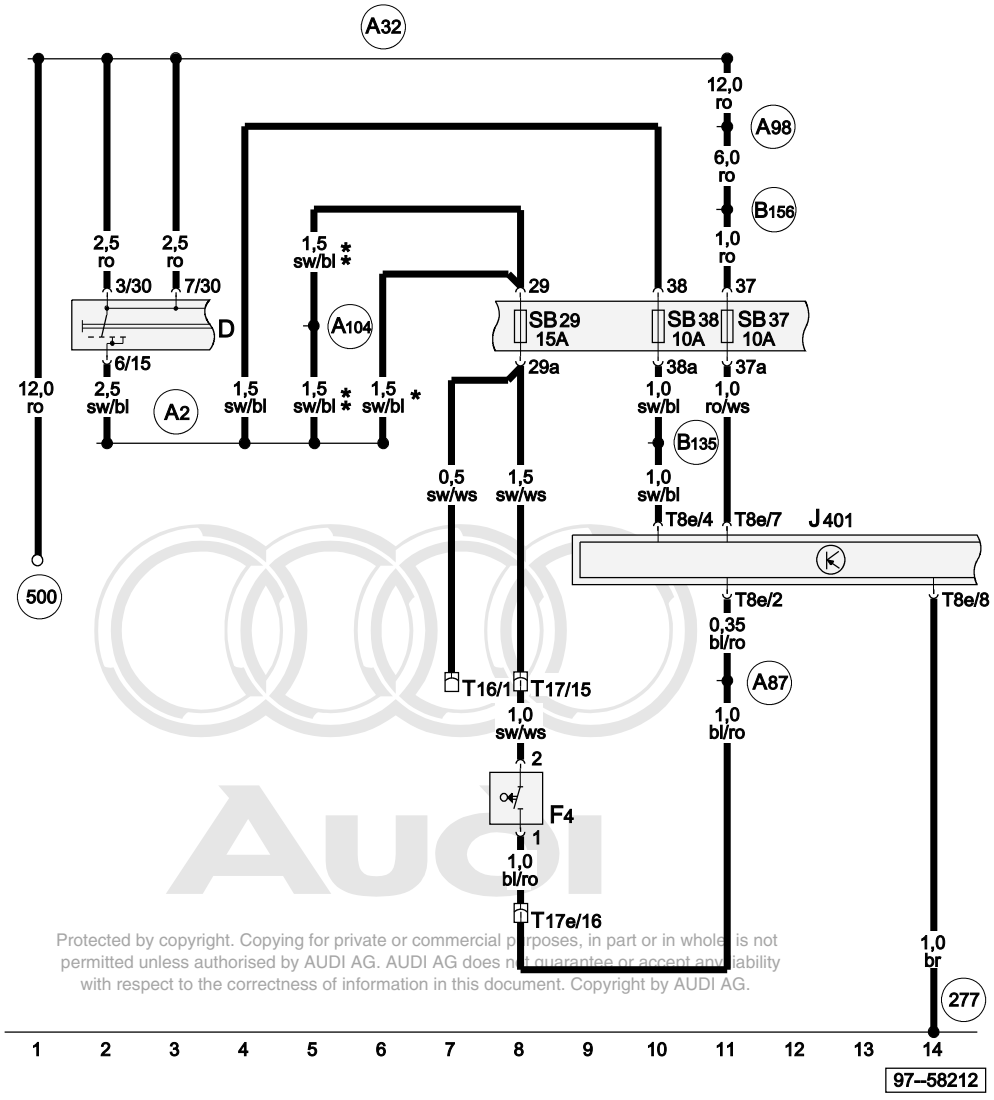

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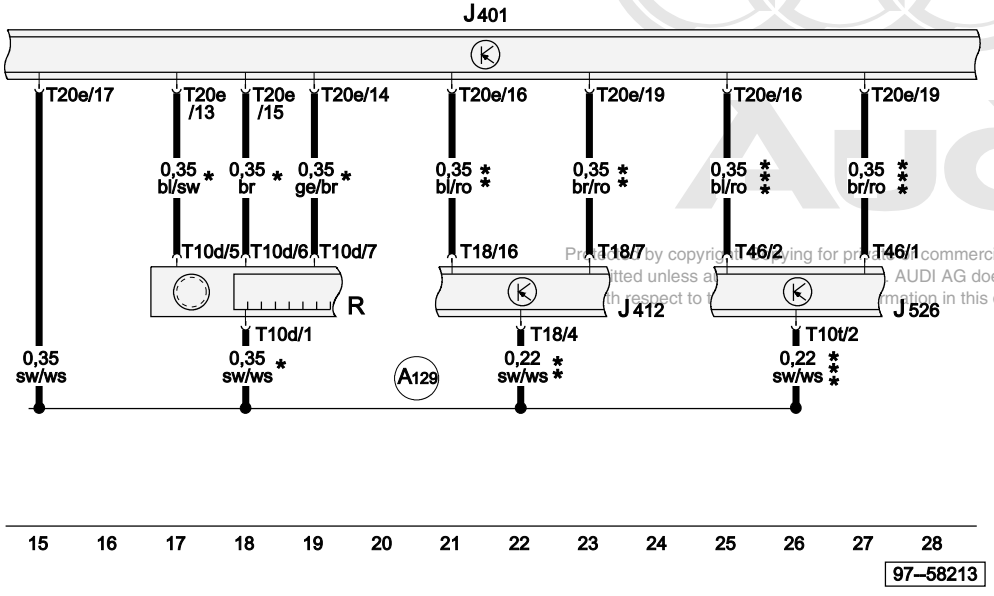
Ignition/starter switch, reversing light switch, navigation system with CD drive control unit

D	Ignition/starter switch
F4	Reversing light switch
J401	Navigation system with CD drive control unit
SB29	Fuse -29- on fuse box
SB37	Fuse -37- on fuse box
SB38	Fuse -38- on fuse box
T8e	8-pin connector, black, navigation system with CD drive control unit
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
277	Earth connection -3-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

Navigation system with CD drive control unit, mobile phone operating electronics control unit, telephone/telematics control unit, radio

J401	Navigation system with CD drive control unit
J412	Operating electronics control unit, mobile phone
J526	Telephone/telematics control unit
R	Radio
T10d	10-pin connector, red, radio connector IV
T10t	10-pin connector, black, on telephone/telematics control unit
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
T20e	20-pin connector, black, navigation system with CD drive control unit
T46	46-pin connector, black, on telephone/telematics control unit
A129	Connection (muting), in dash panel wiring harness
*	Only applies to models with radio Chorus, Concert or Symphony
**	Only applies to models with provision for mobile phone
***	Only applies to models with telematics



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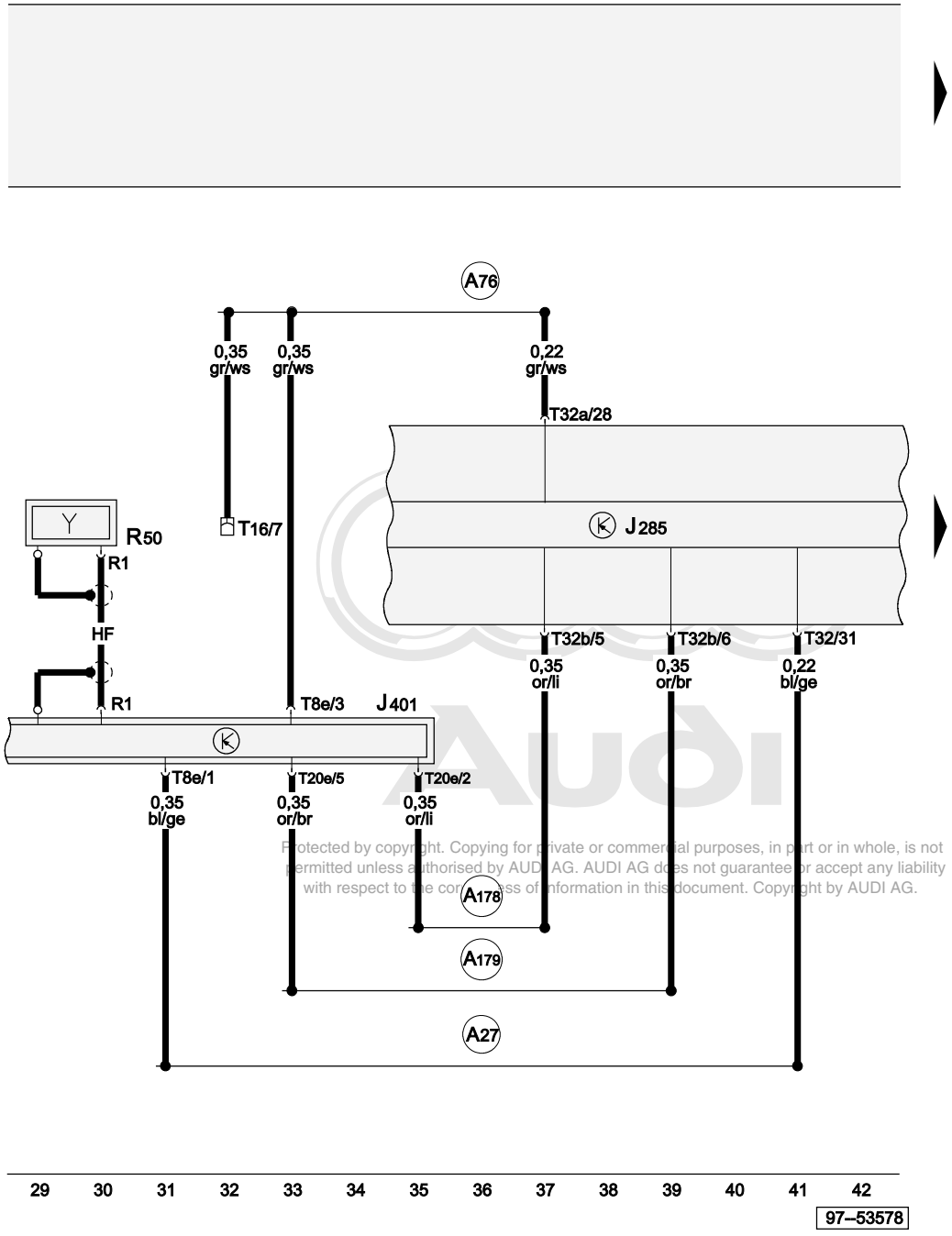
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Control unit with display in dash panel insert, navigation system with CD drive control unit

J285	Control unit with display in dash panel insert
J401	Navigation system with CD drive control unit
R1	Aerial connection
R50	Navigation aerial (GPS)
T8e	8-pin connector, black, navigation system with CD drive control unit
T16	16-pin connector, black, diagnostic connector
T20e	20-pin connector, black, navigation system with CD drive 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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

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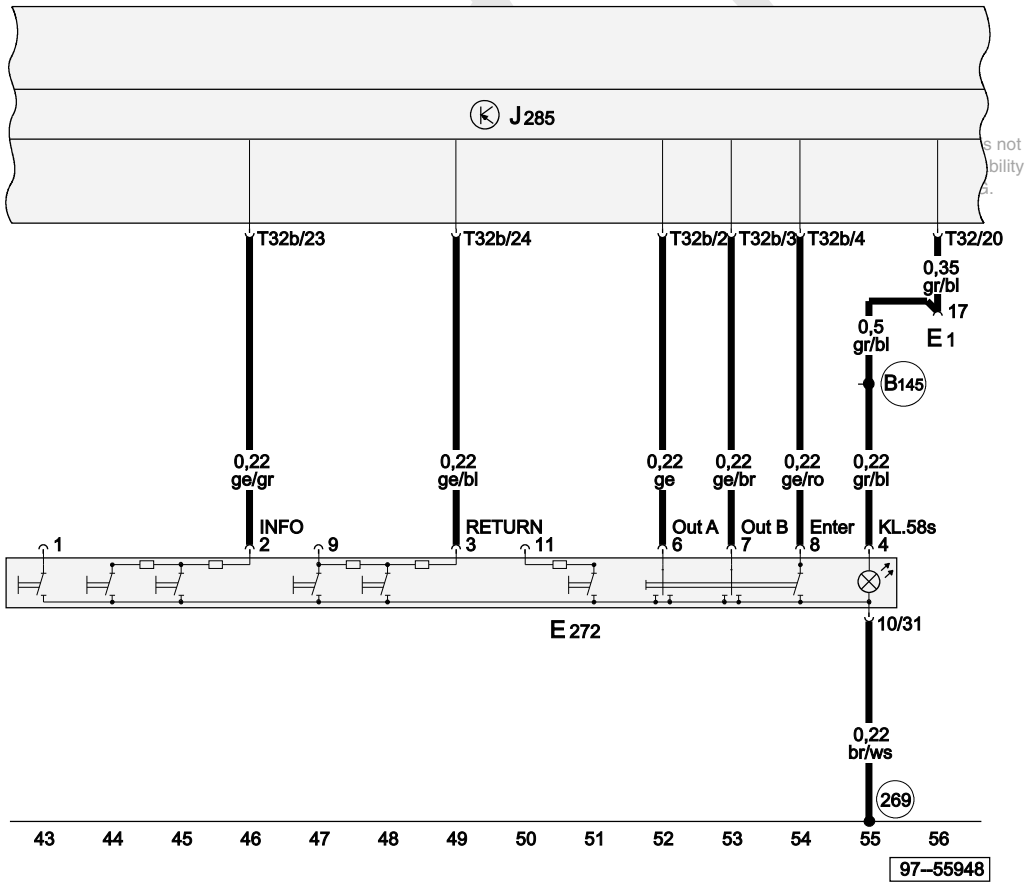
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Function selection switch II, control unit with display in dash panel insert

E1	Lighting switch
E272	Function selection switch II
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
B145	Positive (+) connection (58b), in interior wiring harness



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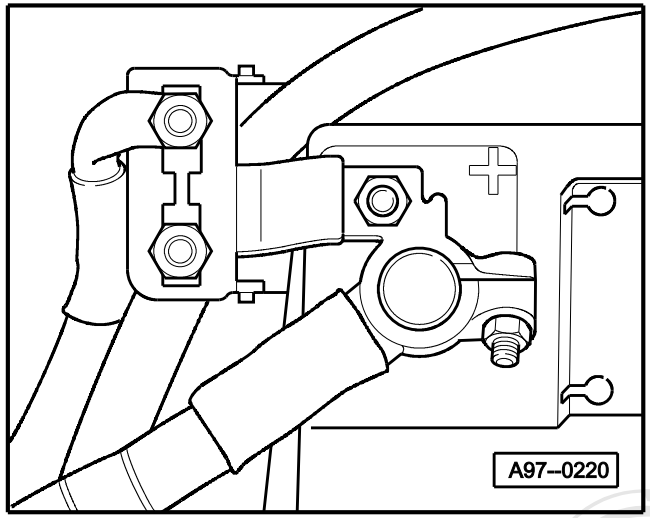
Radio sound systems (radio generation II)

⇒ Chorus
⇒ Concert
⇒ Symphony

From model year 2003

Main fuse



◆ On battery

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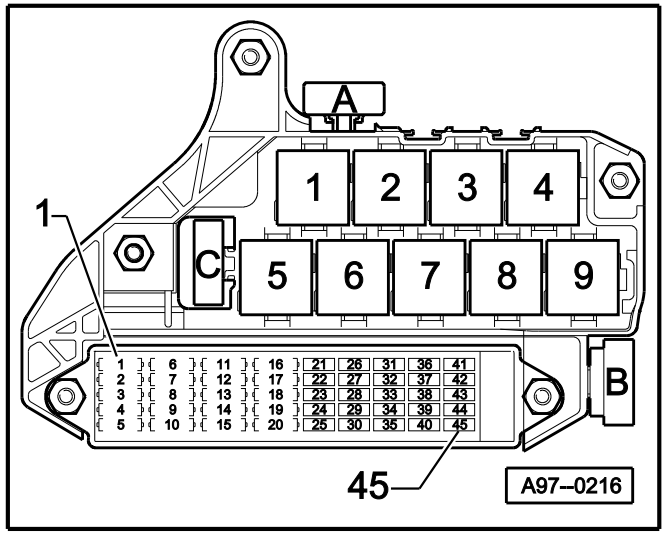
9-point relay carrier, fuse box



- In dash panel, driver's side

Fuse colours

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

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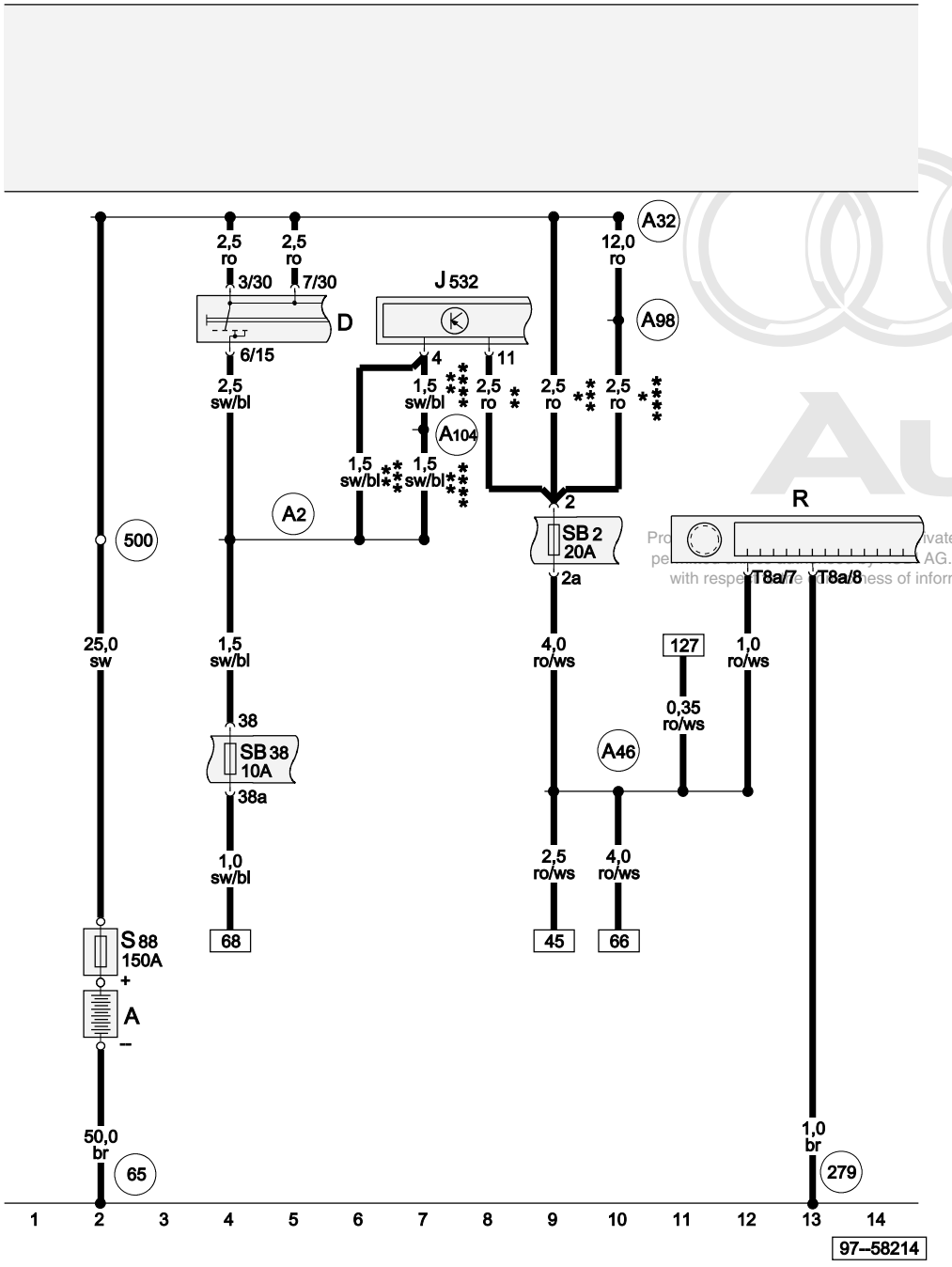

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, voltage stabiliser

A	Battery
D	Ignition/starter switch
J532	Voltage stabiliser
R	Radio
S88	Strip fuse
SB2	Fuse -2- on fuse box
SB38	Fuse -38- on fuse box
T8a	8-pin connector, black, radio connector III
65	Earth point, left longitudinal member, rear, between B and C pillar
279	Earth connection -5-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
*	Does not apply to models with engine code ANY
**	Only applies to models with engine code ANY
***	As of model year 2003 no longer fitted (phased-in modification)
****	Phased-in modification

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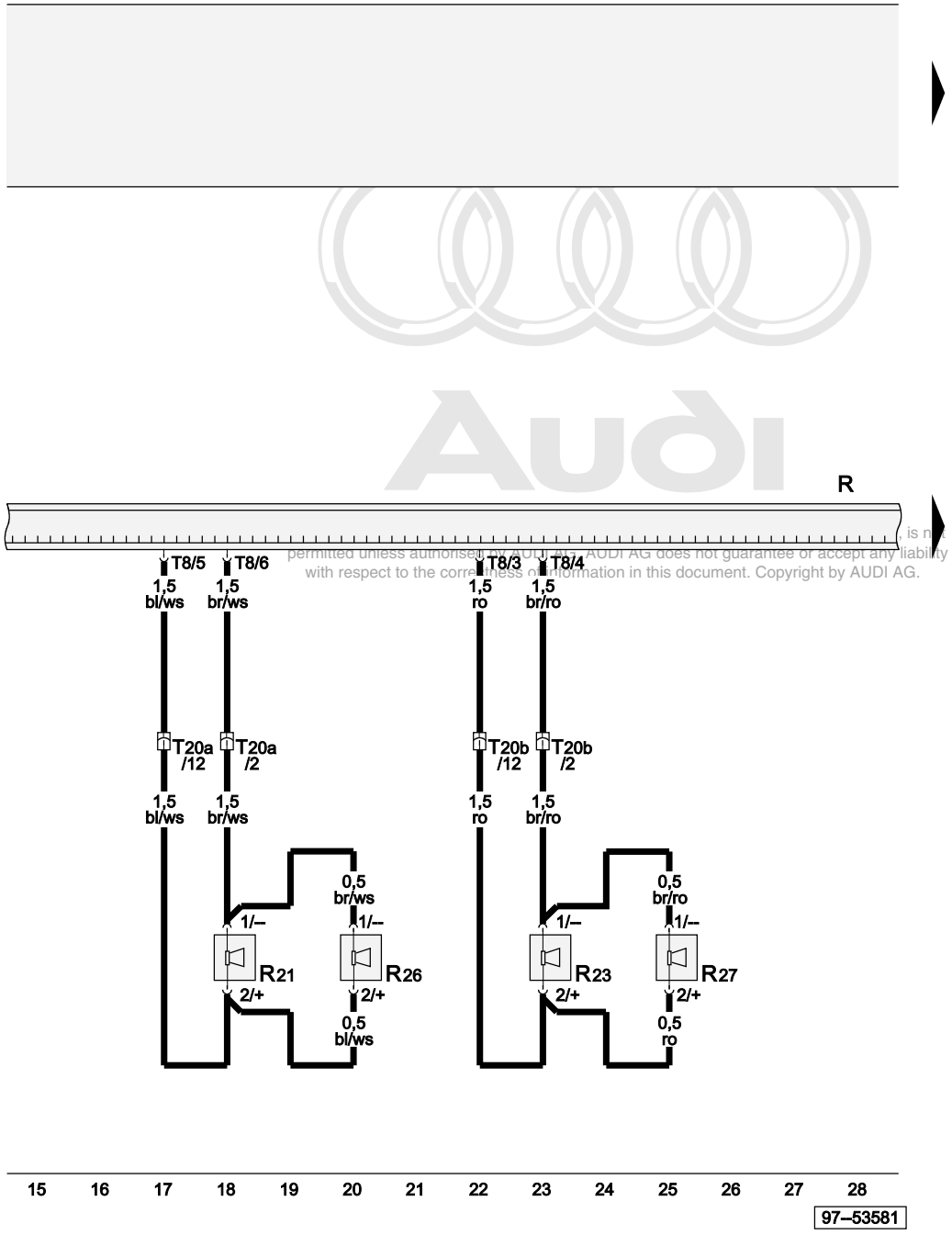

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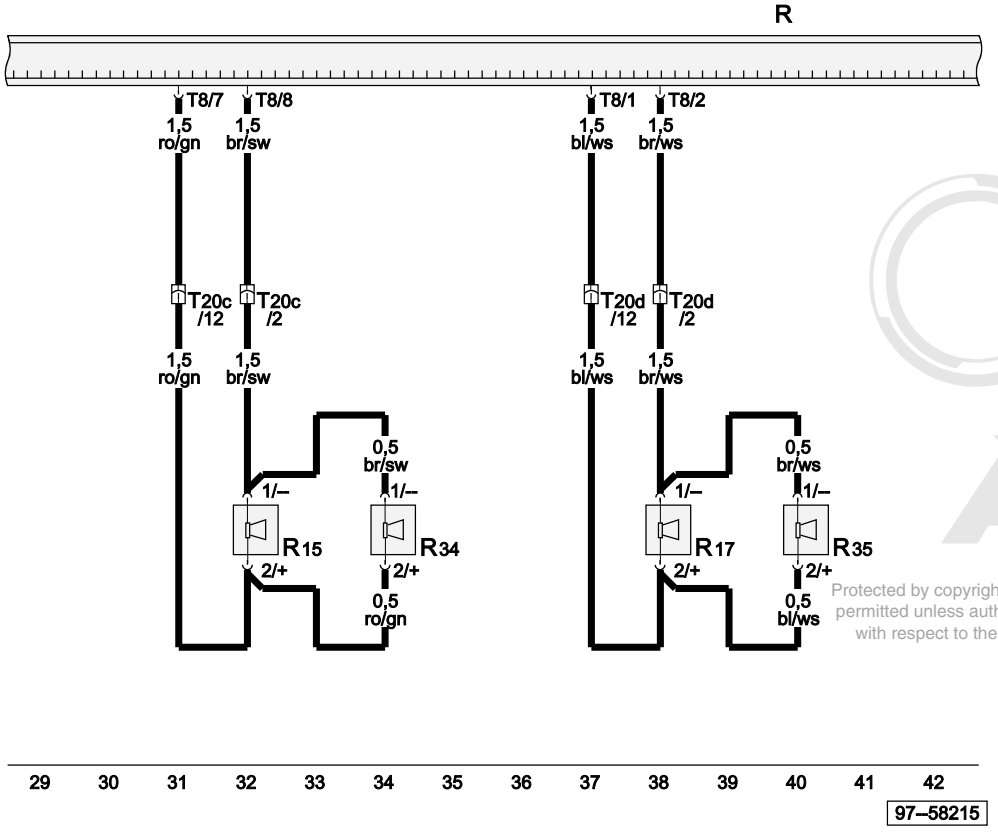
Front loudspeakers

R	Radio
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Mid-range/treble loudspeaker, front left
R27	Mid-range/treble loudspeaker, front right
T8	8-pin connector, brown, radio connector II
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right

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

Passive loudspeakers, rear

R	Radio
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
T8	8-pin connector, brown, radio connector II
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right



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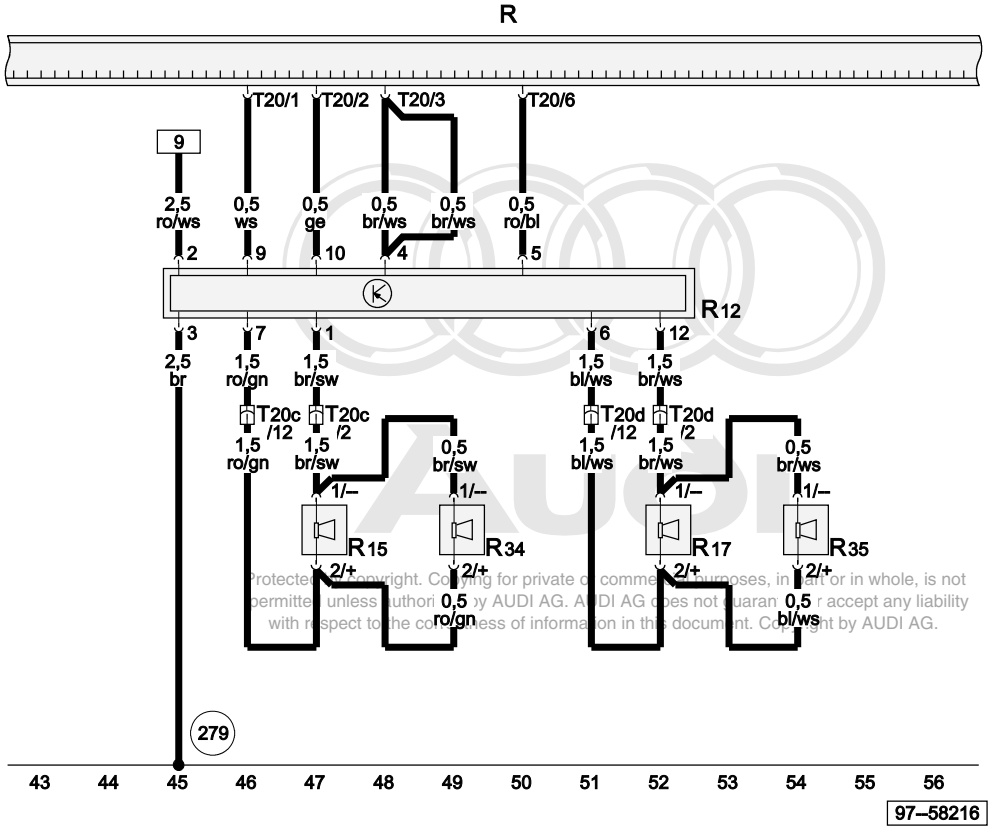
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Active loudspeakers, rear

R	Radio
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
T20	20-pin connector, black, radio connector I
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right
279	Earth connection -5-, in interior wiring harness



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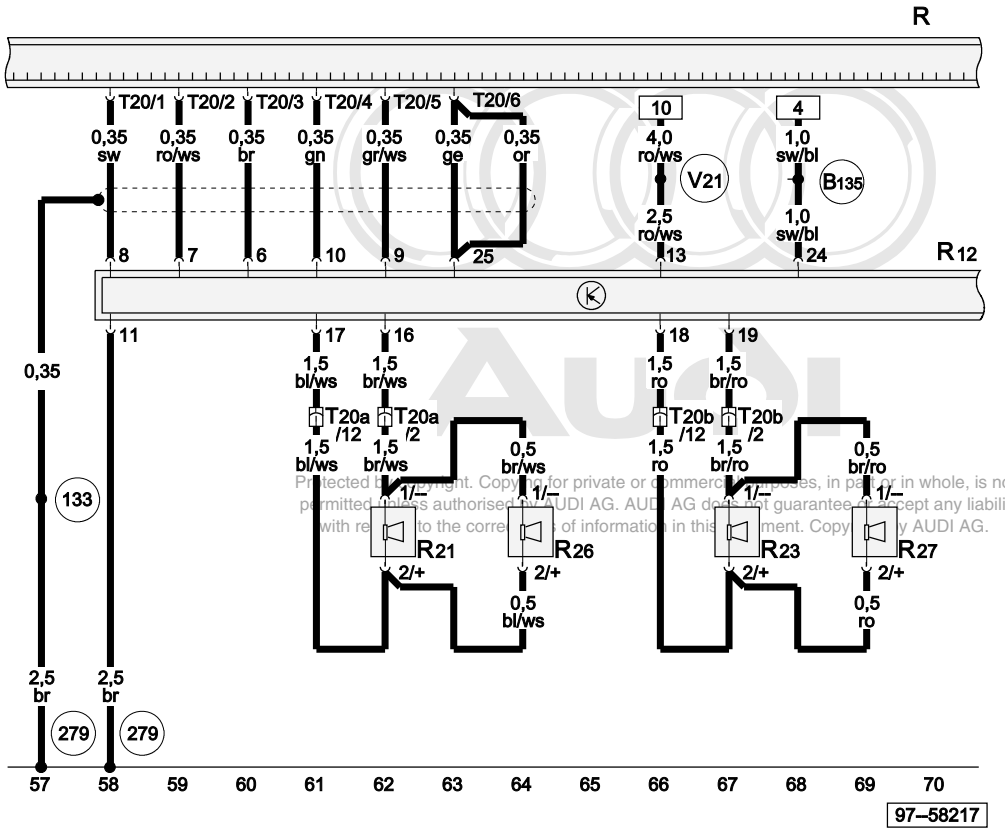
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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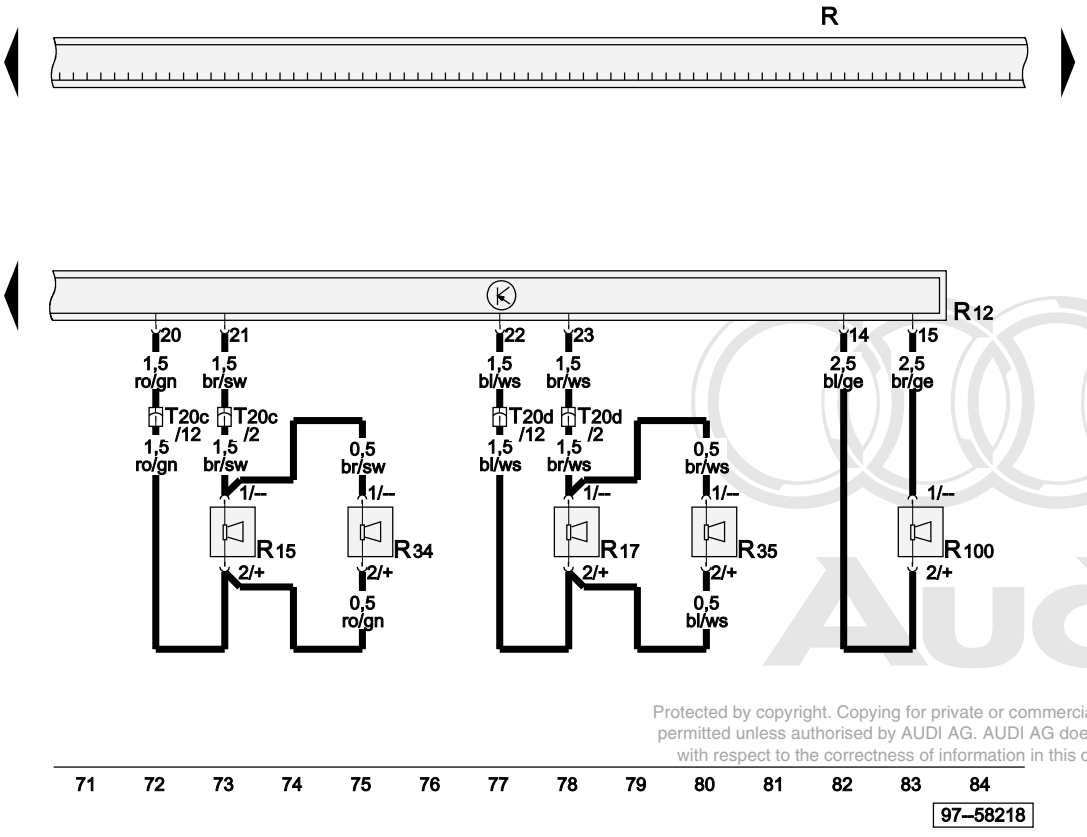
Bose loudspeakers, front

R	Radio
R12	Amplifier
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Mid-range/treble loudspeaker, front left
R27	Mid-range/treble loudspeaker, front right
T20	20-pin connector, black, radio connector I
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right
133	Earth connection, in loudspeaker wiring harness
279	Earth connection -5-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
V21	Positive (+) connection (30), in radio - amplifier wiring harness

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

Bose loudspeakers, rear

R	Radio
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
R100	Bass loudspeaker
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right



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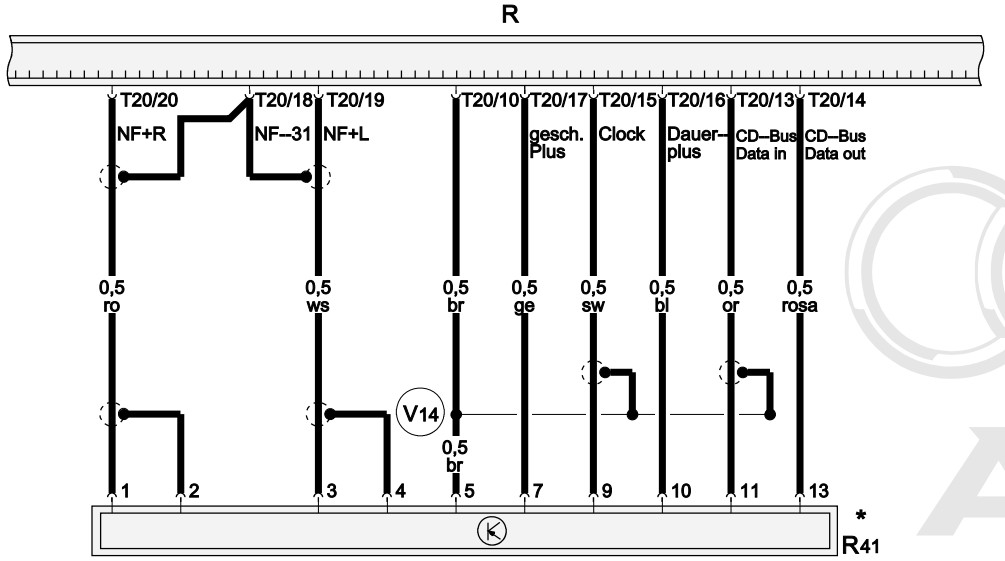
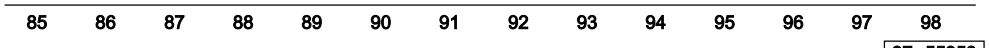
CD changer

R	Radio
R41	CD changer
T20	20-pin connector, black, radio connector I
V14	Connection (screening), in CD changer wiring harness
*	Does not apply to models with radio Chorus





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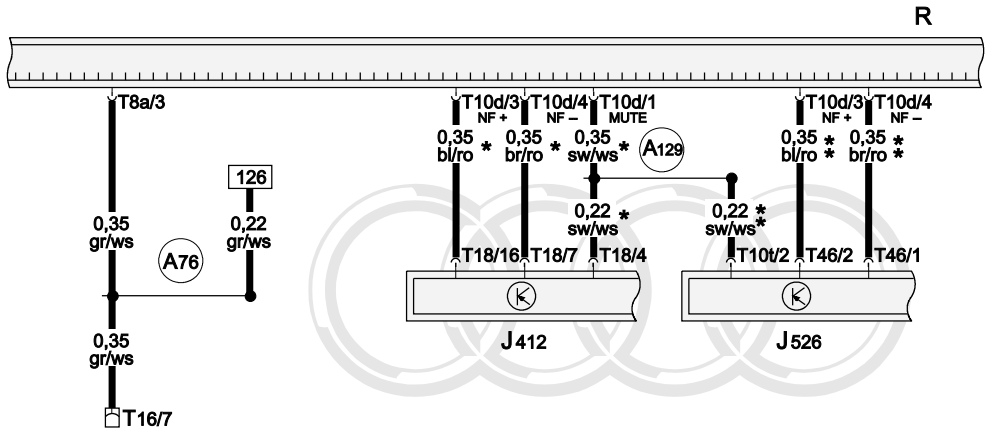

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Mobile phone operating electronics control unit, telephone/ telematics control unit

J412	Operating electronics control unit, mobile phone
J526	Telephone/telematics control unit
R	Radio
T8a	8-pin connector, black, radio connector III
T10d	10-pin connector, red, radio connector IV
T10t	10-pin connector, black, on telephone/telematics control unit
T16	16-pin connector, diagnostic connector, black, near fuse box
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
T46	46-pin connector, black, on telephone/telematics control unit
A76	Connection (diagnosis wire K), in dash panel wiring harness
A129	Connection (muting), in dash panel wiring harness
*	Only applies to models with provision for mobile phone
**	Only applies to models with telephone/telematics

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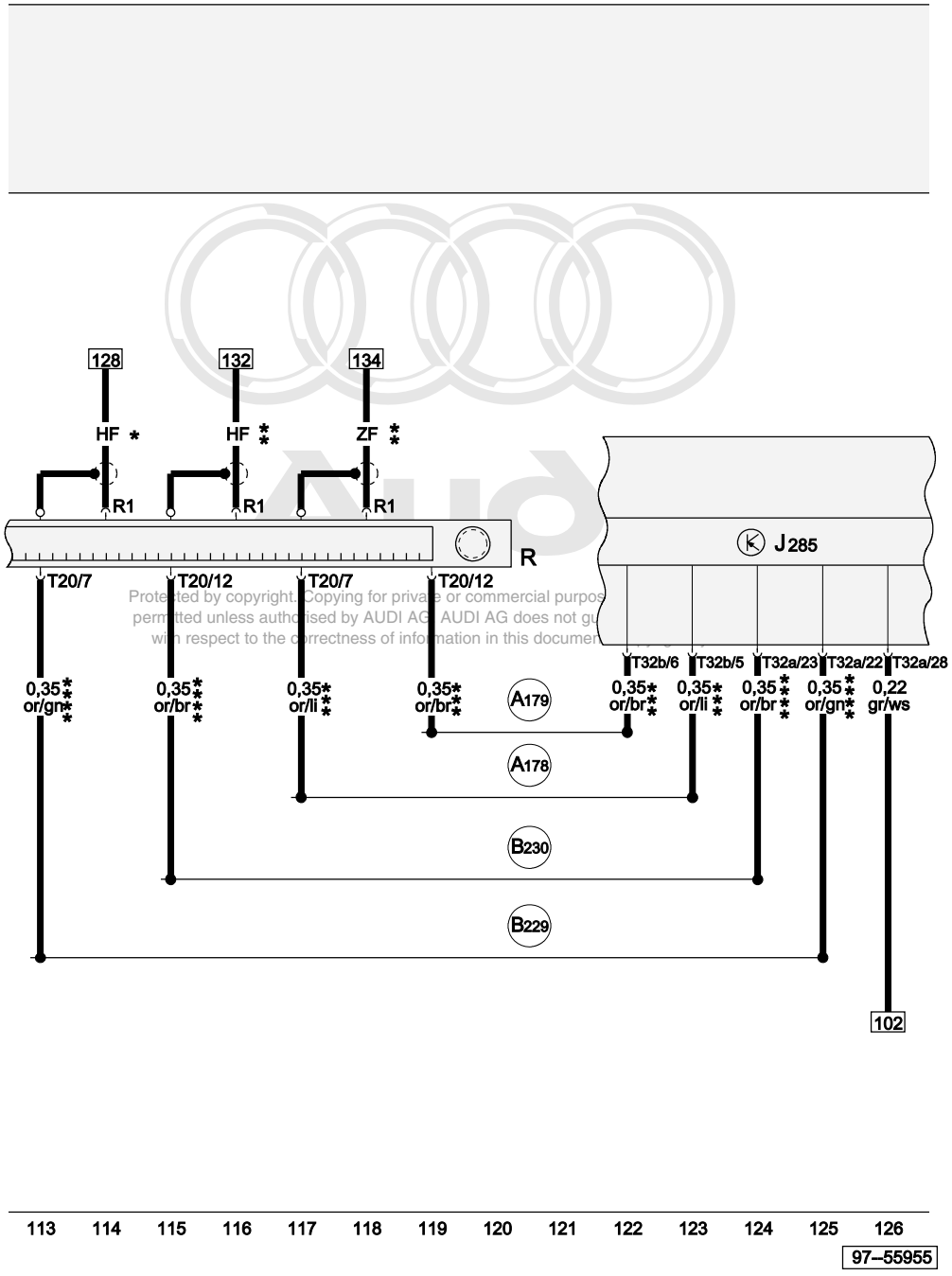

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Control unit with display in dash panel insert

J285	Control unit with display in dash panel insert
R	Radio
T20	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
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with radio Chorus
**	Only applies to models with radio Concert / Symphony
***	Only applies to models with driver information system
****	Only applies to models without driver information system

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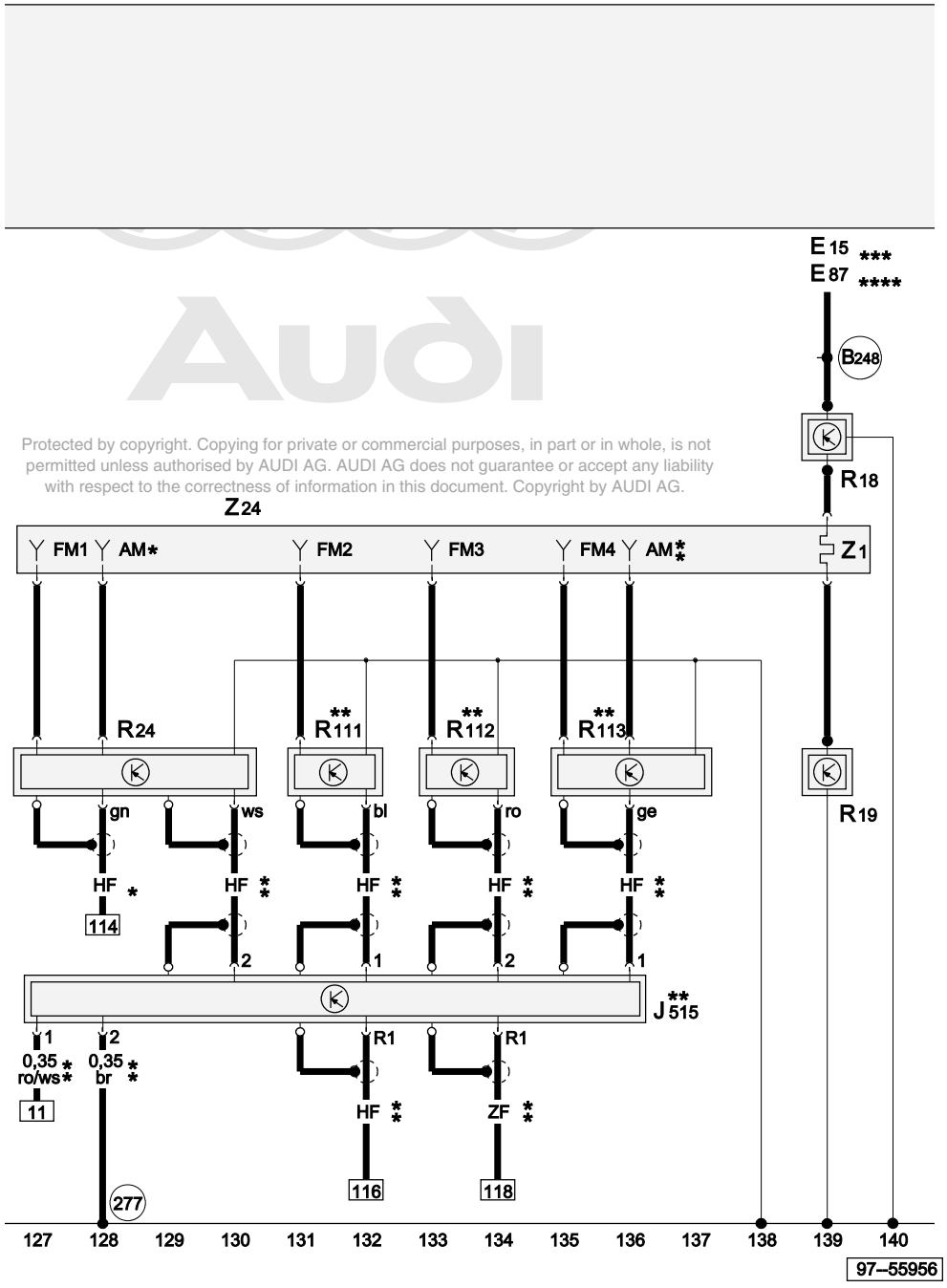
or	=	orange
rs	=	pink



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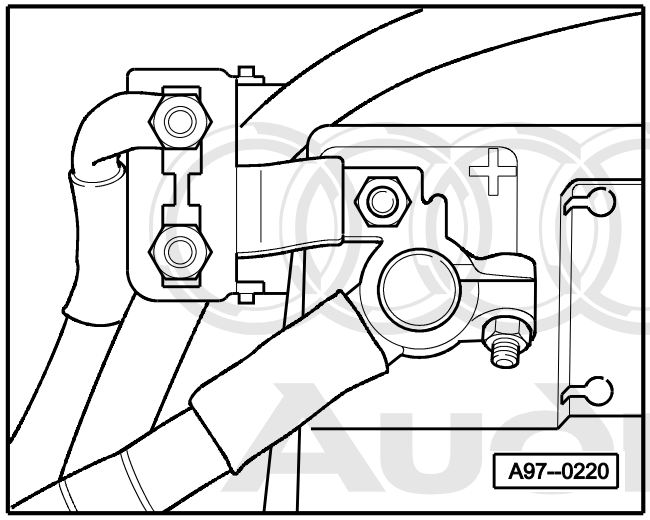
Aerial

E15	Heated rear window switch
E87	Control and display unit for air conditioner/Climatronic
J515	Aerial selection control unit
R1	Aerial connection
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R111	Aerial amplifier -2-
R112	Aerial amplifier -3-
R113	Aerial amplifier -4-
Z1	Heated rear window
Z24	Heated rear window with window aerial
277	Earth connection -3-, in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness
*	Only applies to models with radio Chorus
**	Only applies to models with radio Concert / Symphony
***	Only applies to models without air conditioner
****	Only applies to models with air conditioner

Radio navigation system (RNS-D)

From model year 2003

Main fuse



♦ On battery

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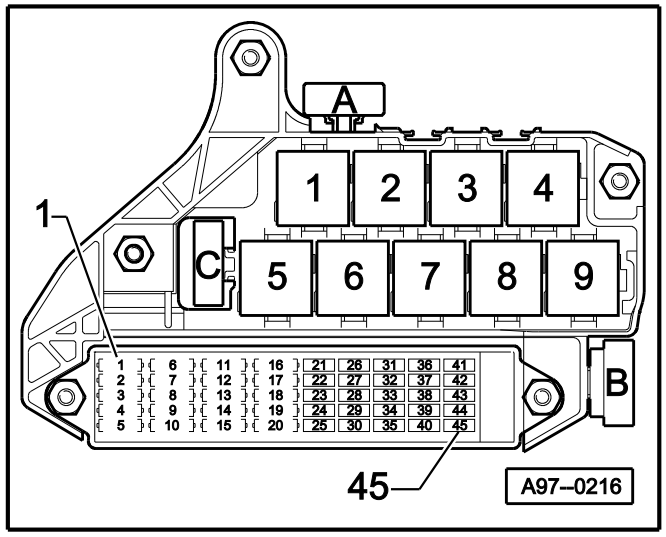
9-point relay carrier, fuse box



- In dash panel, driver's side

Fuse colours

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

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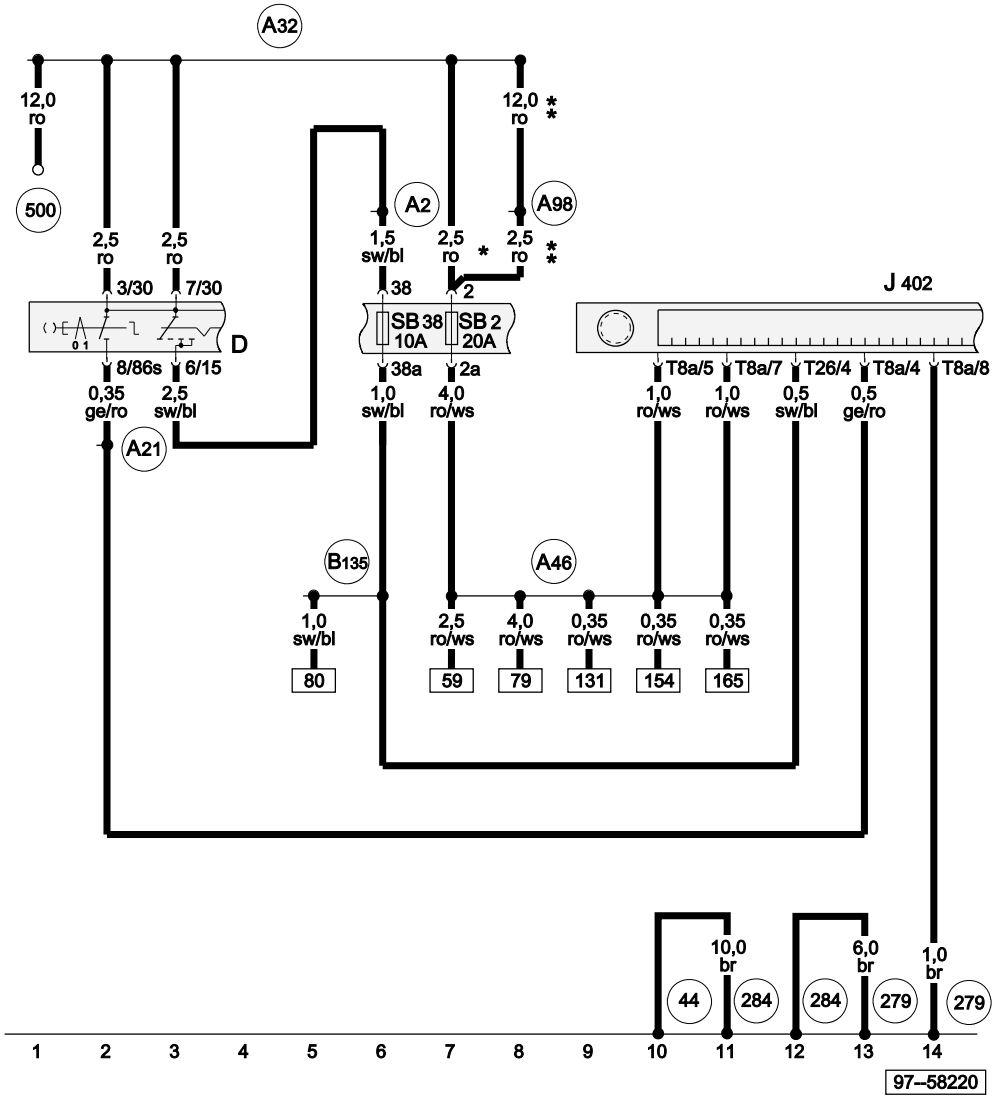

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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, navigation operating electronics control unit

D	Ignition/starter switch
J402	Operating electronics control unit, navigation
SB2	Fuse -2- on fuse box
SB38	Fuse -38- on fuse box
T8a	8-pin connector, black, radio connector III
T26	26-pin connector, black, radio connector
44	Earth point, lower part of left A pillar
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification

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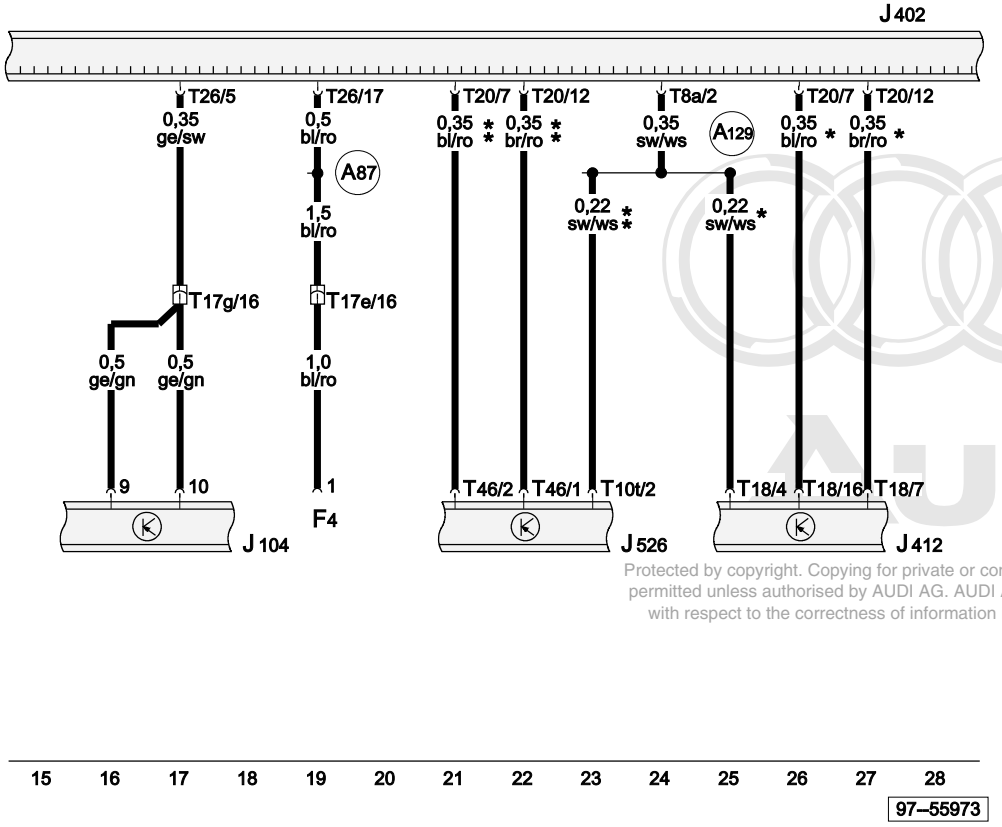

Reversing light switch, ABS with EDL control unit, mobile phone operating electronics control unit, telephone/telematics control unit

F4	Reversing light switch
J104	ABS with EDL control unit
J402	Operating electronics control unit, navigation
J412	Operating electronics control unit, mobile phone
J526	Telephone/telematics control unit
T8a	8-pin connector, black, radio connector III
T10t	10-pin connector, black, on telephone/telematics control unit
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
T18	18-pin connector, black, mobile phone interface, in front passenger's footwell
T20	20-pin connector, black, radio connector I
T26	26-pin connector, black, radio connector
T46	46-pin connector, black, on telephone/telematics control unit
A87	Connection (RF (reversing light)), in dash panel wiring harness
A129	Connection (muting), in dash panel wiring harness
*	Only applies to models with provision for mobile phone
**	Only applies to models with telephone/telematics

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li = purple
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or = orange
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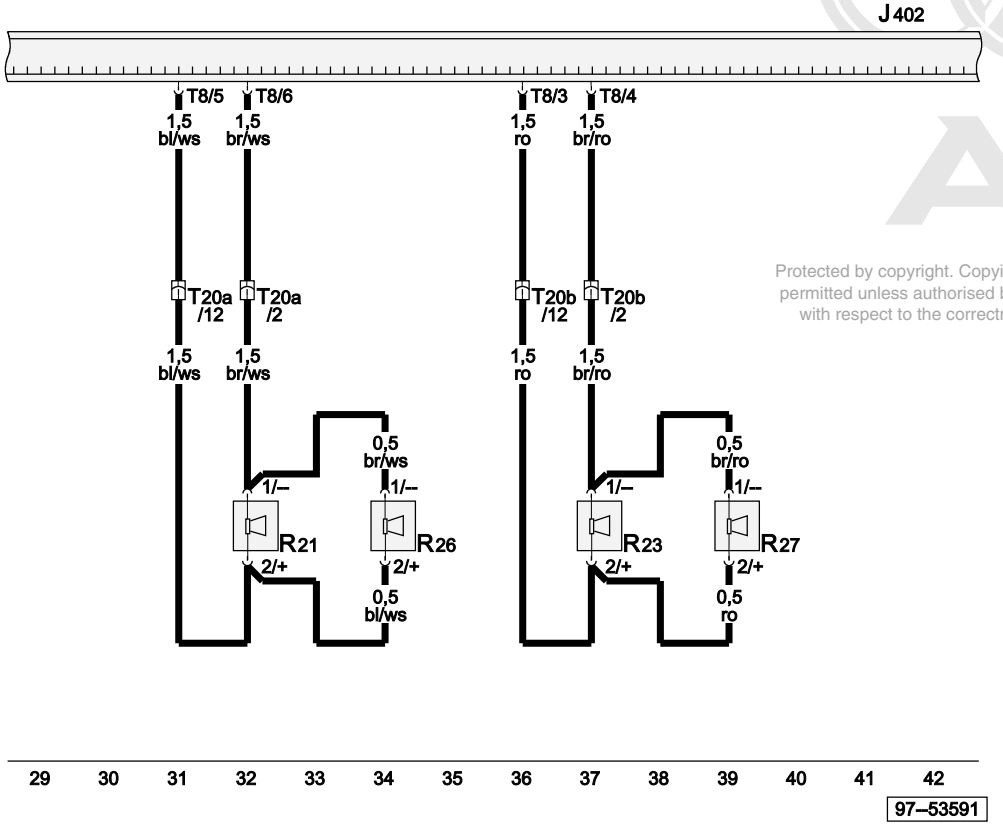
Front loudspeakers

J402	Operating electronics control unit, navigation
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Mid-range/treble loudspeaker, front left
R27	Mid-range/treble loudspeaker, front right
T8	8-pin connector, brown, radio connector II
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right



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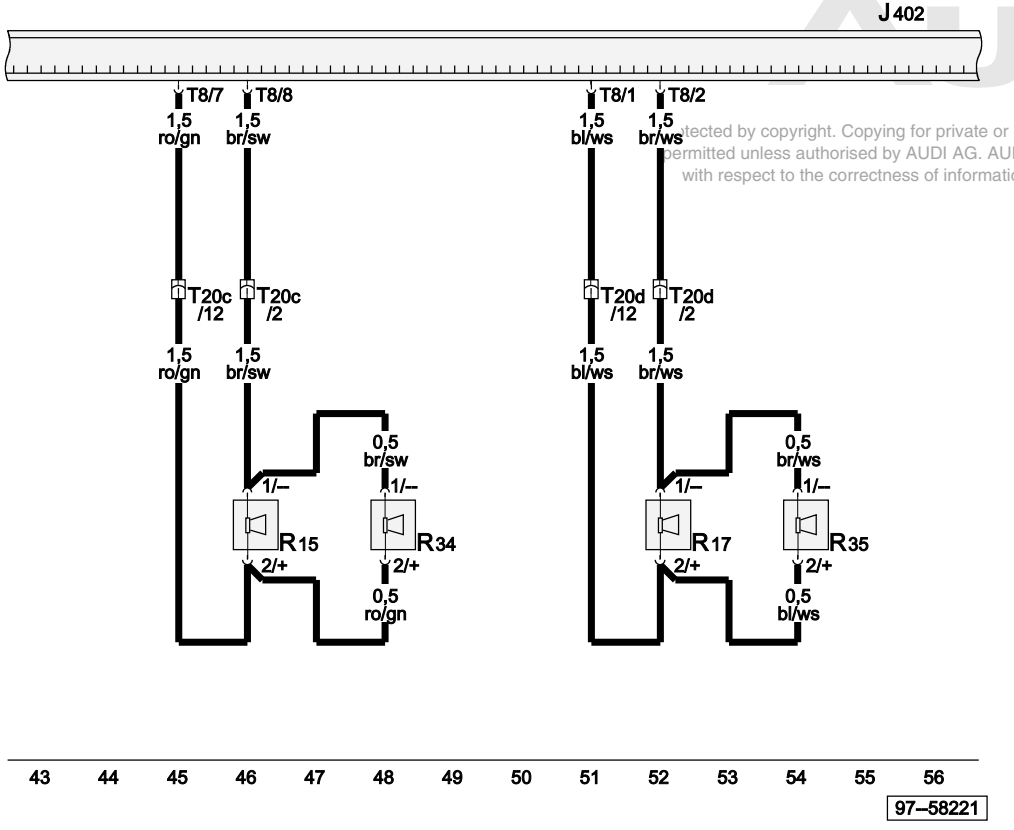
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Passive loudspeakers, rear

J402	Operating electronics control unit, navigation
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
T8	8-pin connector, brown, radio connector II
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right



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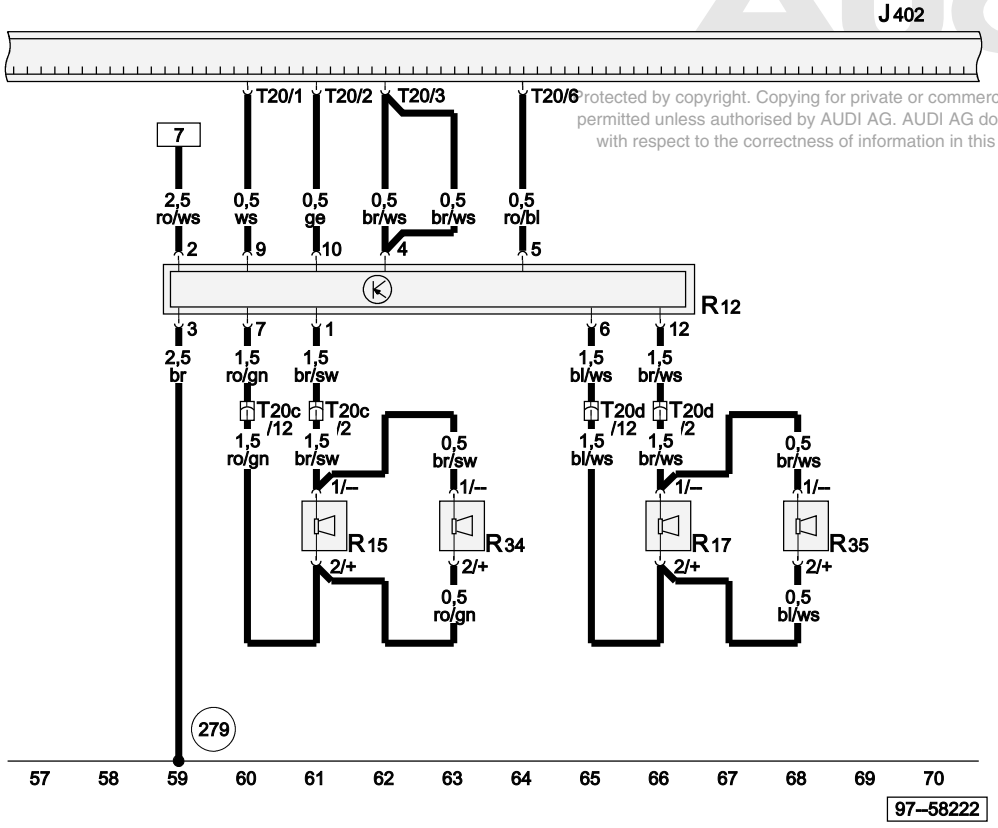
rs	=	pink

Active loudspeakers, rear

J402	Operating electronics control unit, navigation
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
T20	20-pin connector, black, radio connector I
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right
279	Earth connection -5-, in interior wiring harness



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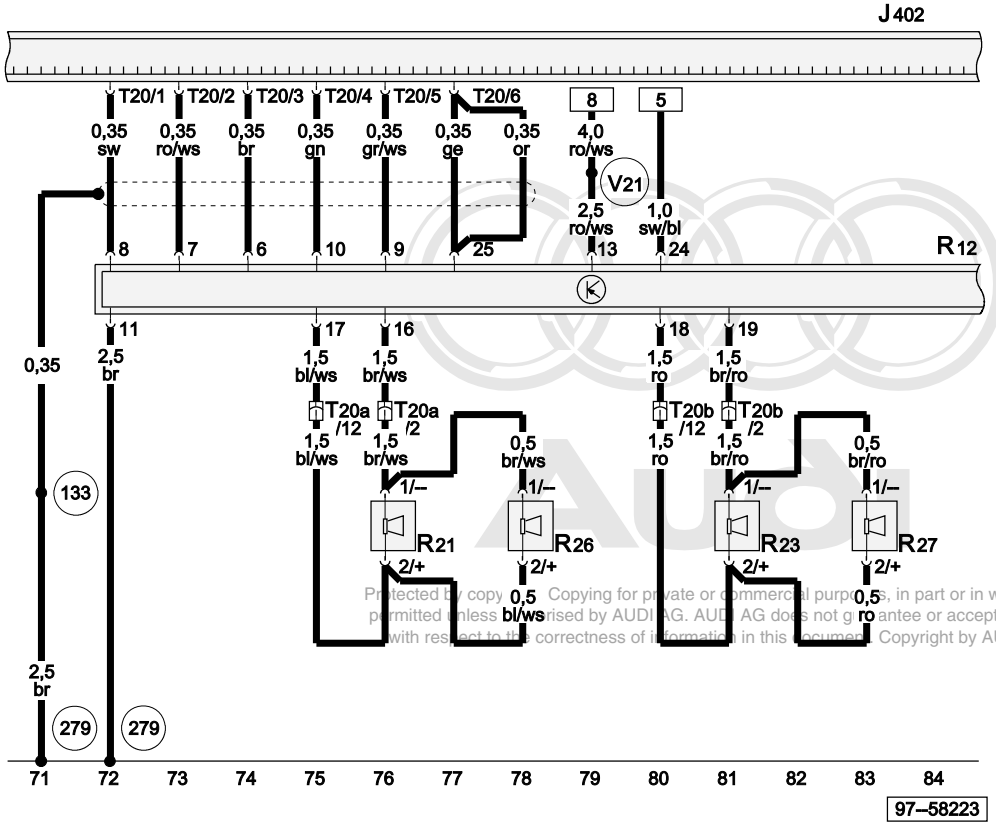
Bose loudspeakers, front

J402	Operating electronics control unit, navigation
R12	Amplifier
R21	Bass loudspeaker, front left
R23	Bass loudspeaker, front right
R26	Mid-range/treble loudspeaker, front left
R27	Mid-range/treble loudspeaker, front right
T20	20-pin connector, black, radio connector I
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right
133	Earth connection, in loudspeaker wiring harness
279	Earth connection -5-, in interior wiring harness
V21	Positive (+) connection (30), in radio - amplifier wiring harness



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

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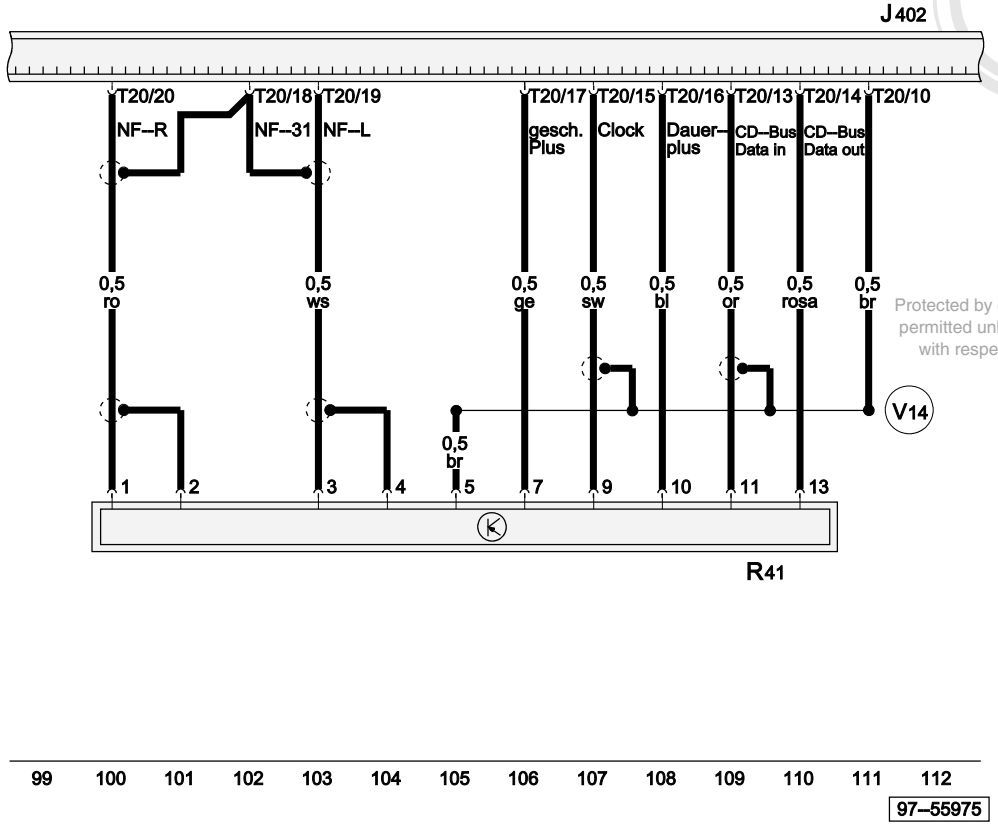
Bose loudspeakers, rear

J402	Operating electronics control unit, navigation
R12	Amplifier
R15	Bass loudspeaker, rear left
R17	Bass loudspeaker, rear right
R34	Mid-range/treble loudspeaker, rear left
R35	Mid-range/treble loudspeaker, rear right
R100	Bass loudspeaker
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right

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

CD changer

J402 Operating electronics control unit, navigation
R41 CD changer
T20 20-pin connector, black, radio connector I
V14 Connection (screening), in CD changer wiring harness



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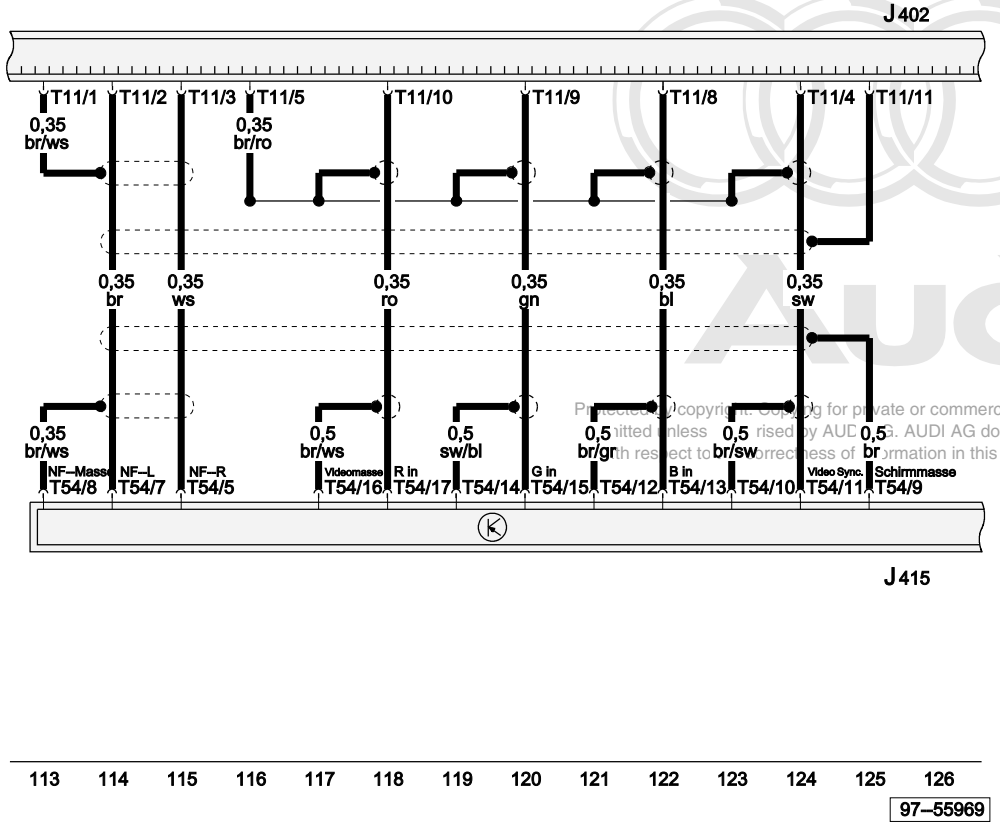
rs = pink

Navigation/TV tuner

J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
T11	11-pin connector, on navigation/TV tuner
T54	54-pin connector, black, on navigation/TV tuner



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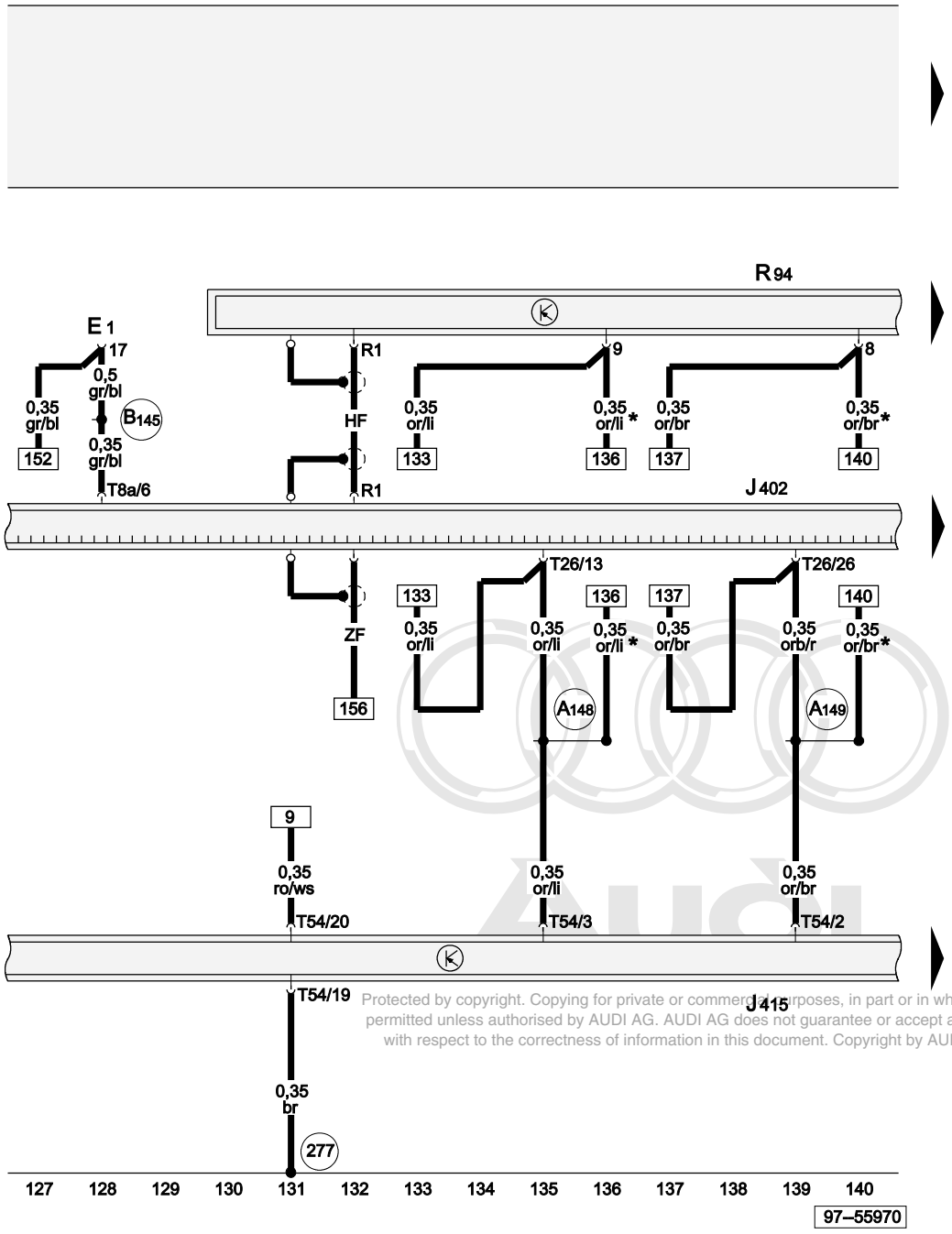

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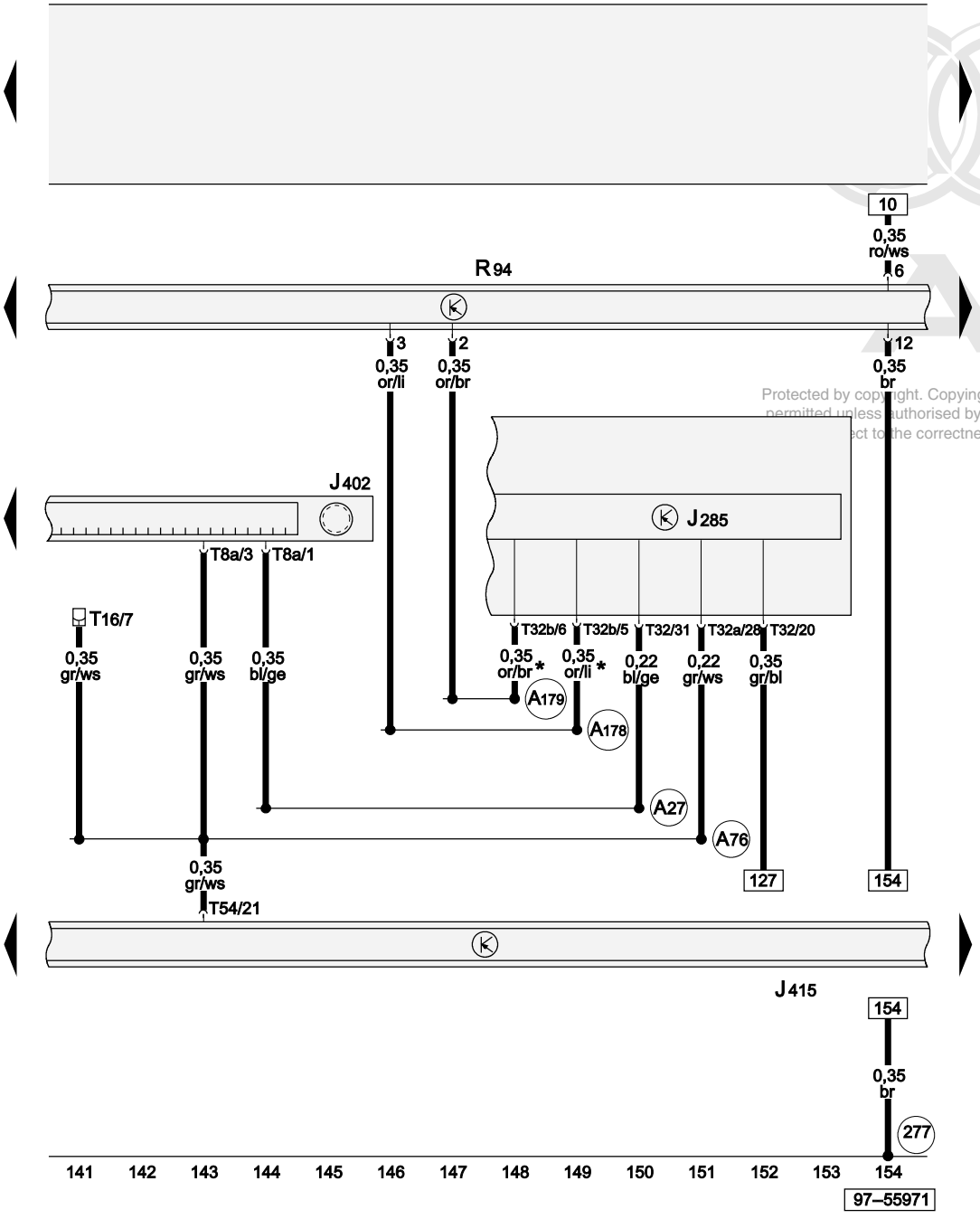
Lighting switch, navigation/TV tuner, navigation interface

E1	Lighting switch
J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
R1	Aerial connection
R94	Navigation interface
T8a	8-pin connector, black, radio connector III
T26	26-pin connector, black, on operating electronics control unit, navigation
T54	54-pin connector, black, on navigation/TV tuner
277	Earth connection -3-, in interior wiring harness
A148	Connection (navigation CAN bus, high), in dash panel wiring harness
A149	Connection (navigation CAN bus, low), in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
*	Only applies to models with radio navigation system (RNS-D), with TV receiver



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Control unit with display in dash panel insert

J285	Control unit with display in dash panel insert
J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
R94	Navigation interface
T8a	8-pin connector, black, radio connector III
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
T54	54-pin connector, black, on navigation/TV tuner
277	Earth connection -3-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Only applies to models with driver information system

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ro	=	red
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gn	=	green
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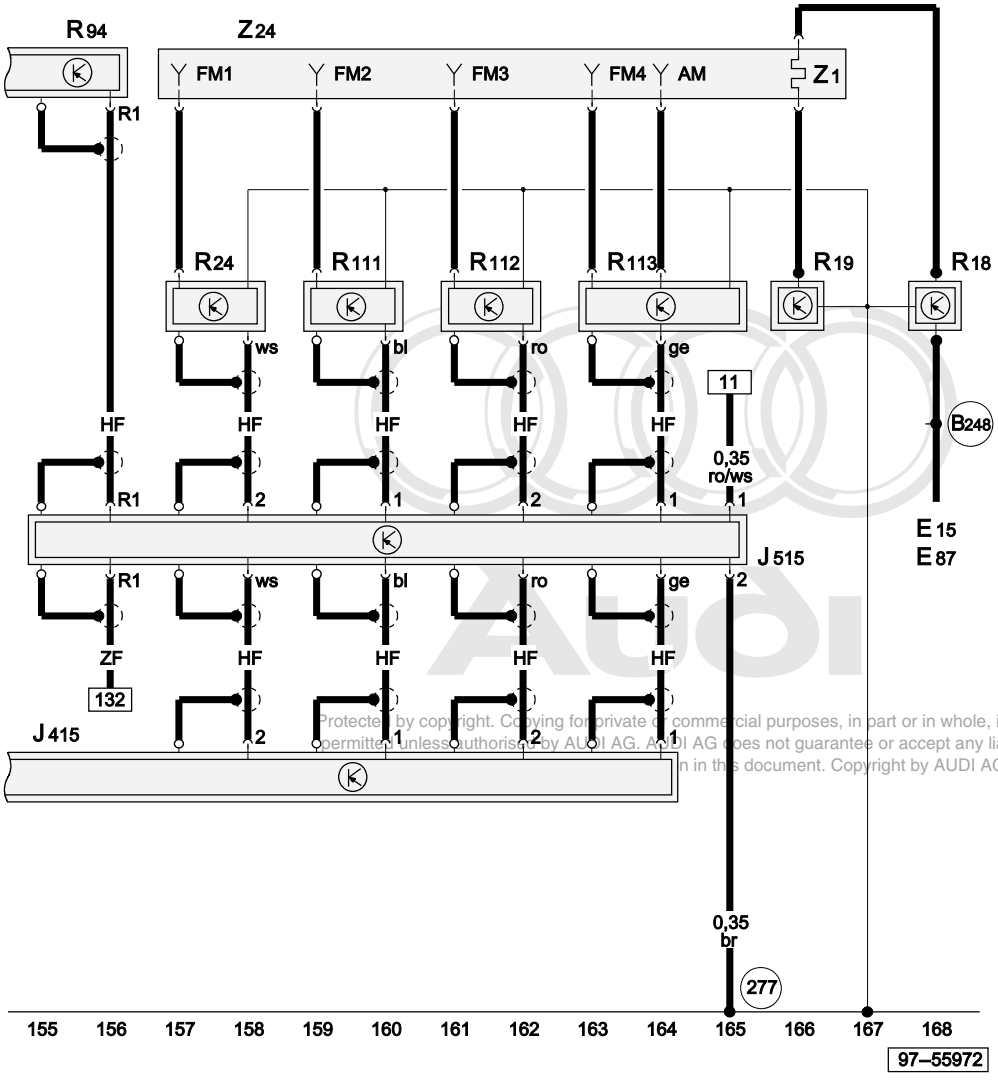

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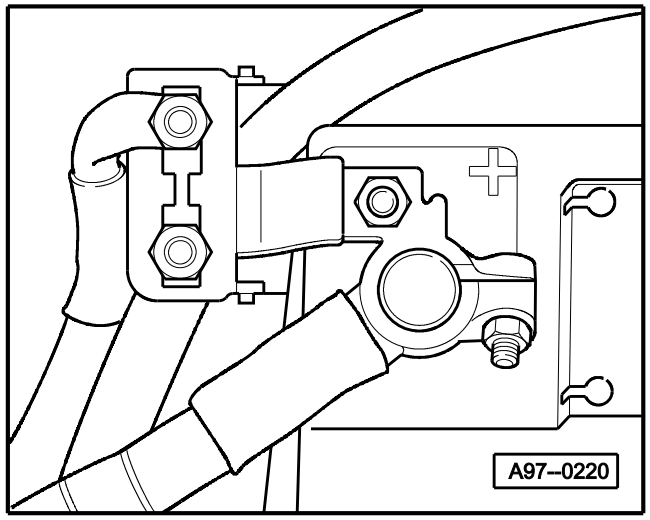
Aerial

E15	Heated rear window switch
E87	Control and display unit for air conditioner/Climatronic
J415	Navigation/TV tuner
J515	Aerial selection control unit
R1	Aerial connection
R18	Frequency switch, left
R19	Frequency switch, right
R24	Aerial amplifier
R94	Navigation interface
R111	Aerial amplifier -2-
R112	Aerial amplifier -3-
R113	Aerial amplifier -4-
Z1	Heated rear window
Z24	Heated rear window with window aerial
277	Earth connection -3-, in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

Electric lumbar support adjustment

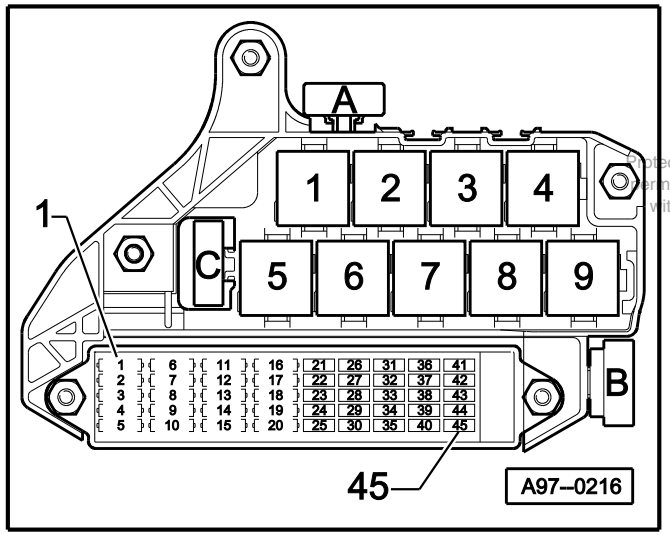
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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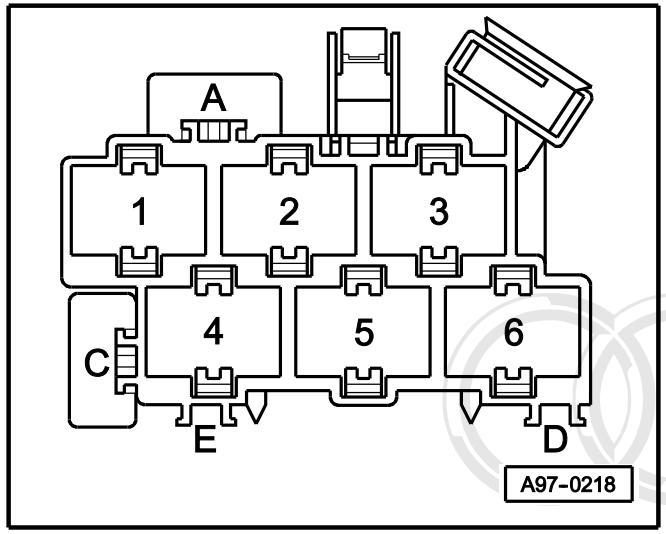
♦ In dash panel, driver's side

Fuse colours

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

Connector point, A pillar, left



♦ At A pillar, left, behind trim

C - Seat adjustment fuse (S45)

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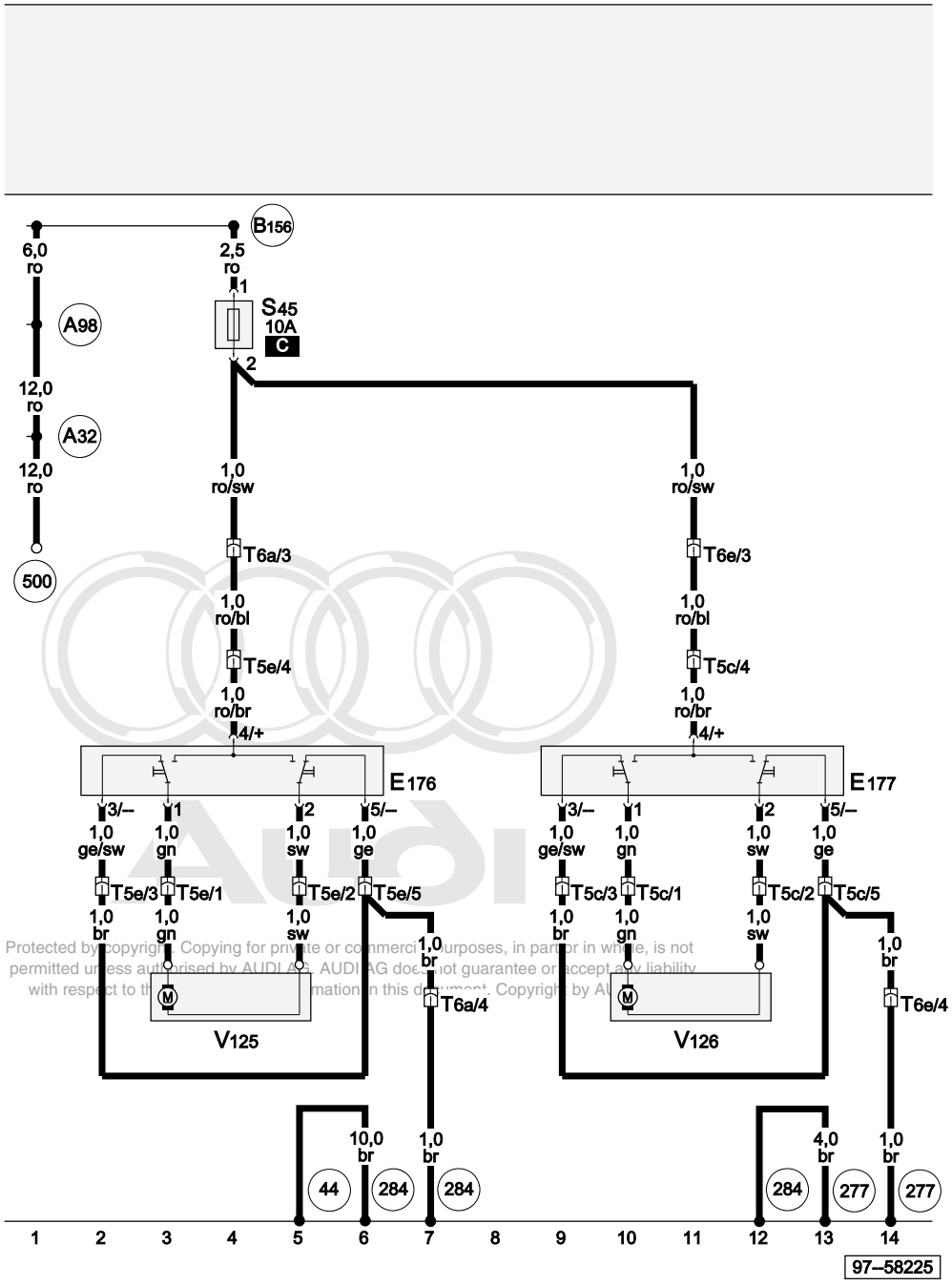

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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Driver's seat lumbar support adjustment switch, front passenger's seat lumbar support adjustment switch, seat adjustment fuse

E176	Lumbar support adjustment switch, driver's seat
E177	Lumbar support adjustment switch, front passenger's seat
S45	Seat adjustment fuse
T5c	5-pin connector, on front passenger's seat
T5e	5-pin connector, on driver's seat
T6a	6-pin connector, red, under driver's seat
T6e	6-pin connector, red, under front passenger's seat
V125	Lumbar support longitudinal adjustment motor, driver's seat
V126	Lumbar support longitudinal adjustment motor, front passenger's seat
44	Earth point, lower part of left A pillar
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness

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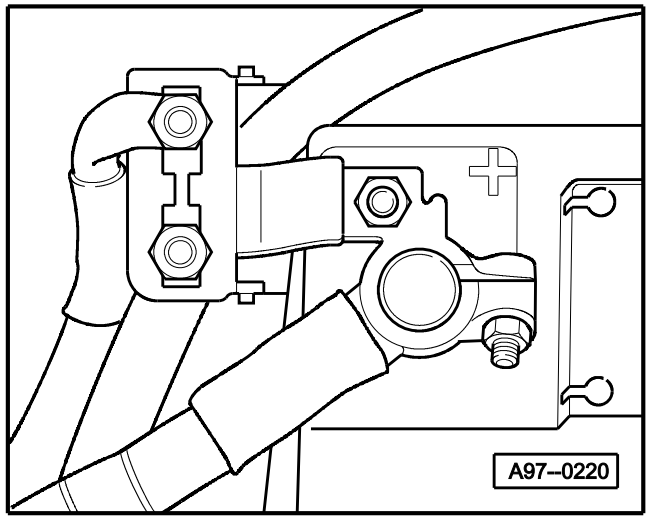
Headlight washer system

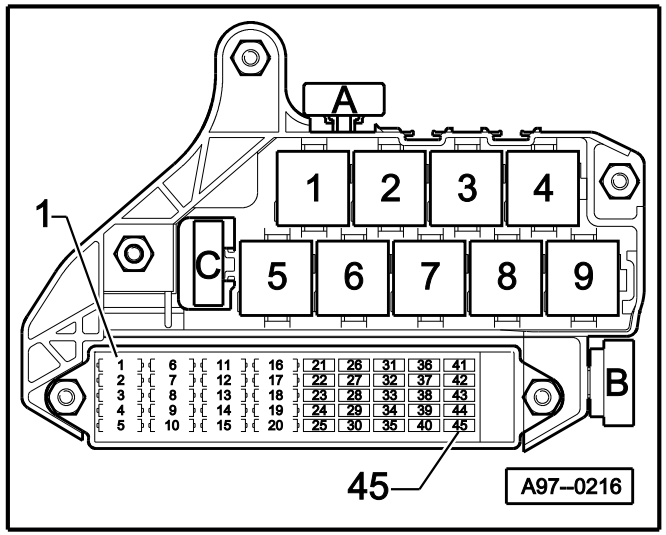
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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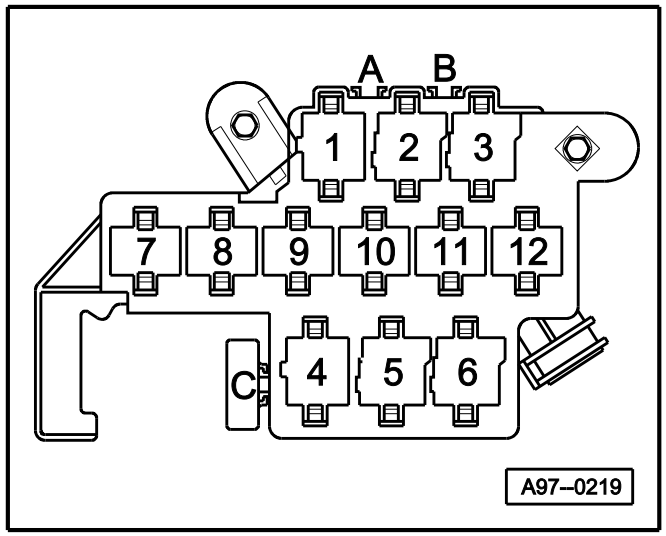
♦ In dash panel, driver's side

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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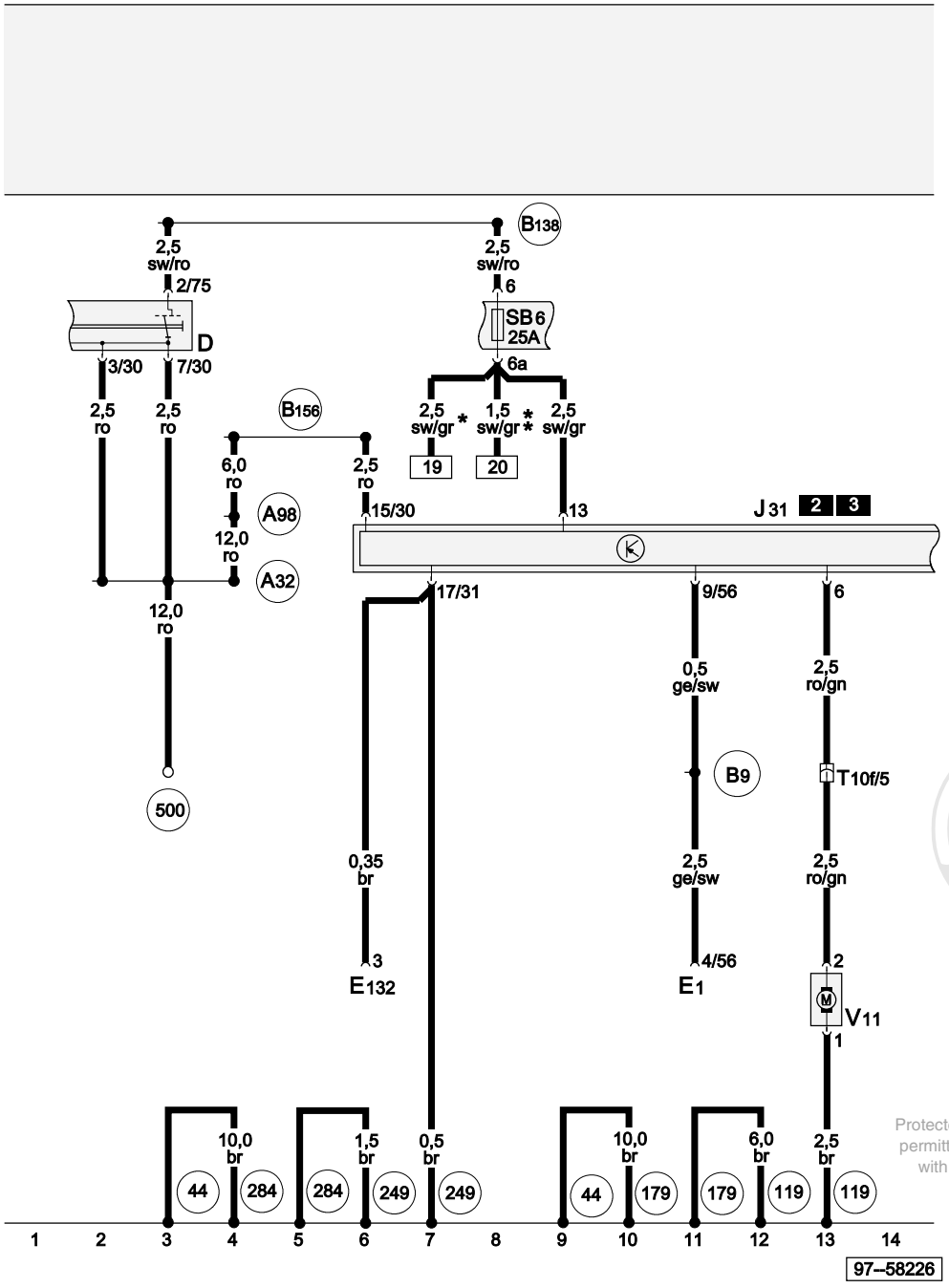

Ignition/starter switch, automatic intermittent wash/wipe relay, headlight washer system pump

D	Ignition/starter switch
E1	Lighting switch
E132	Traction control system switch
J31	Automatic intermittent wash/wipe relay
SB6	Fuse -6- on fuse box
T10f	10-pin connector, blue, connector point, A pillar, left
V11	Headlight washer system pump
44	Earth point, lower part of left A pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B9	Connection (56), in steering column switch wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	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

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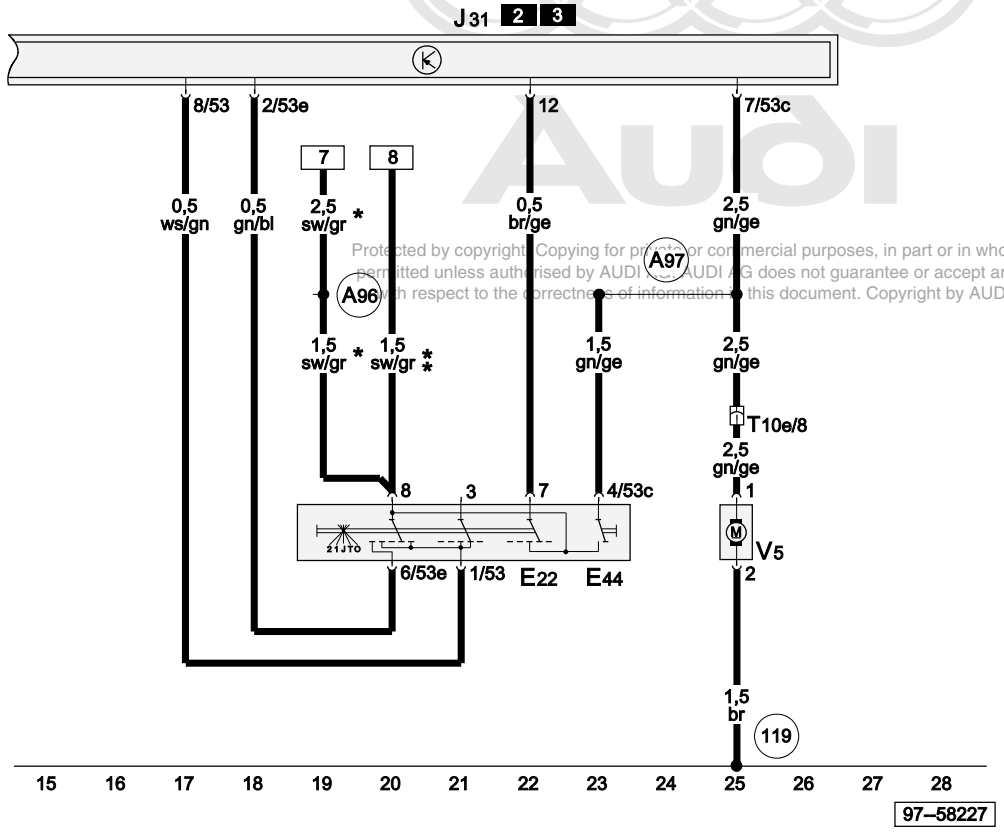
Intermittent wiper switch, washer pump switch (automatic wash/ wipe and headlight washer system)

E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
J31	Automatic intermittent wash/wipe relay
T10e	10-pin connector, brown, connector point, A pillar, left
V5	Washer pump
119	Earth connection -1-, in headlight wiring harness
A96	Connection (53a), in dash panel wiring harness
A97	Connection (53), in dash panel wiring harness
*	As of model year 2003 no longer fitted (phased-in modification)
**	Phased-in modification



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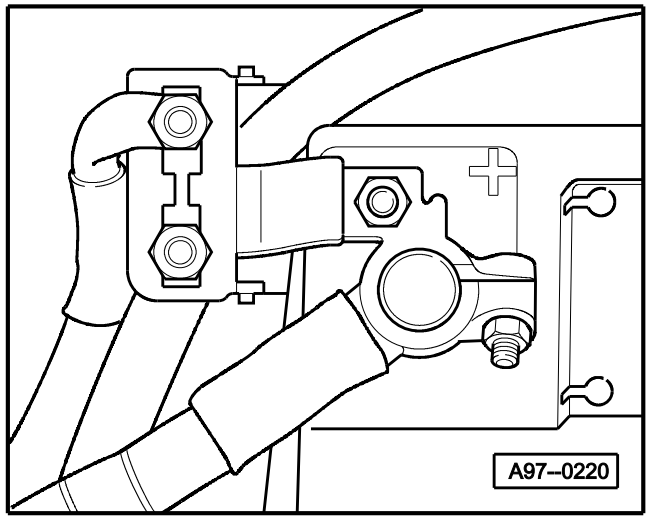
Seat heating

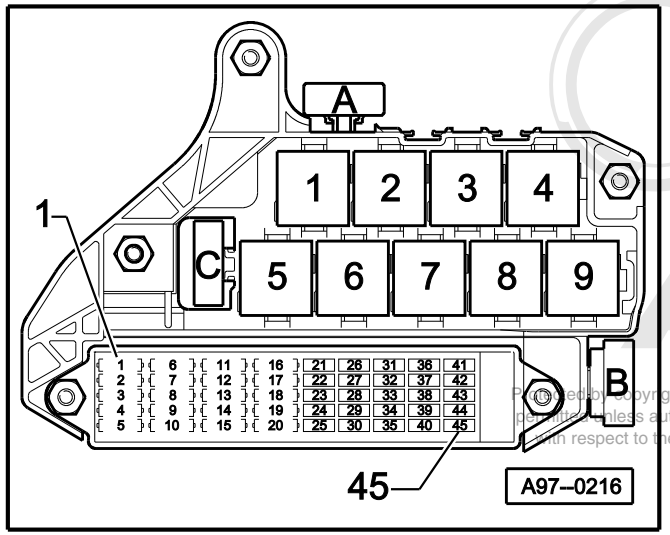
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

1 - Consumer switch-off relay (J511)

Fuse colours

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

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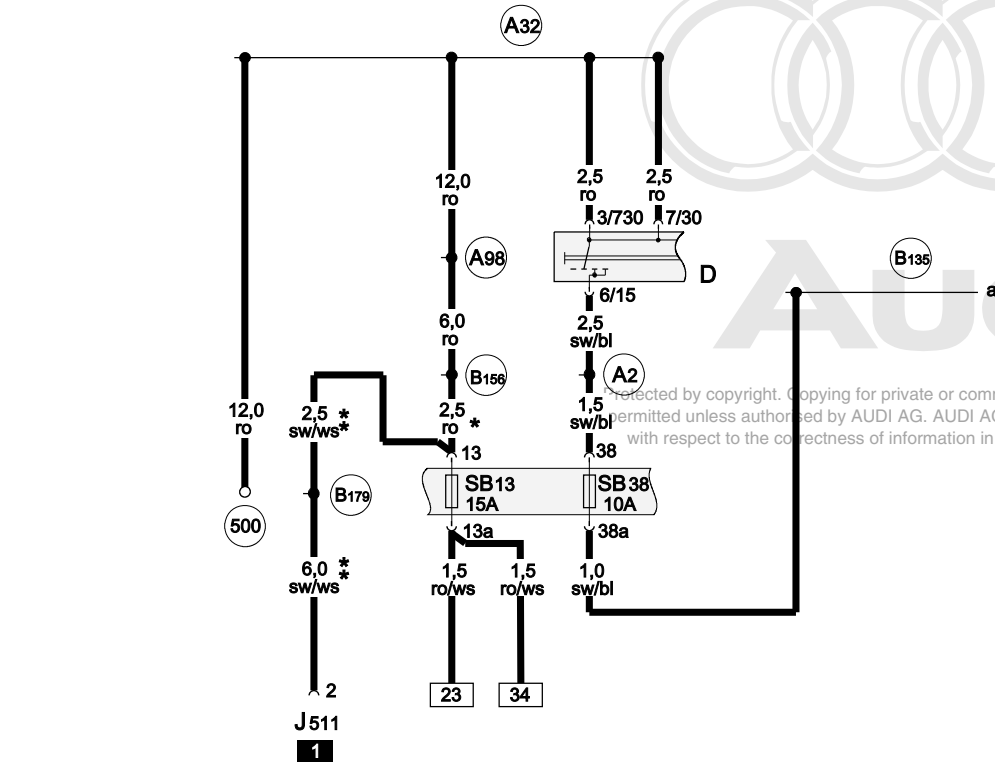

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

97--56136

Ignition/starter switch, consumer switch-off relay, fuses

D	Ignition/starter switch
J511	Consumer switch-off relay
SB13	Fuse -13- on fuse box
SB38	Fuse -38- on fuse box
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness
*	Only applies to models without 1.2 litre TDI engine
**	Only applies to models with 1.2 litre TDI engine

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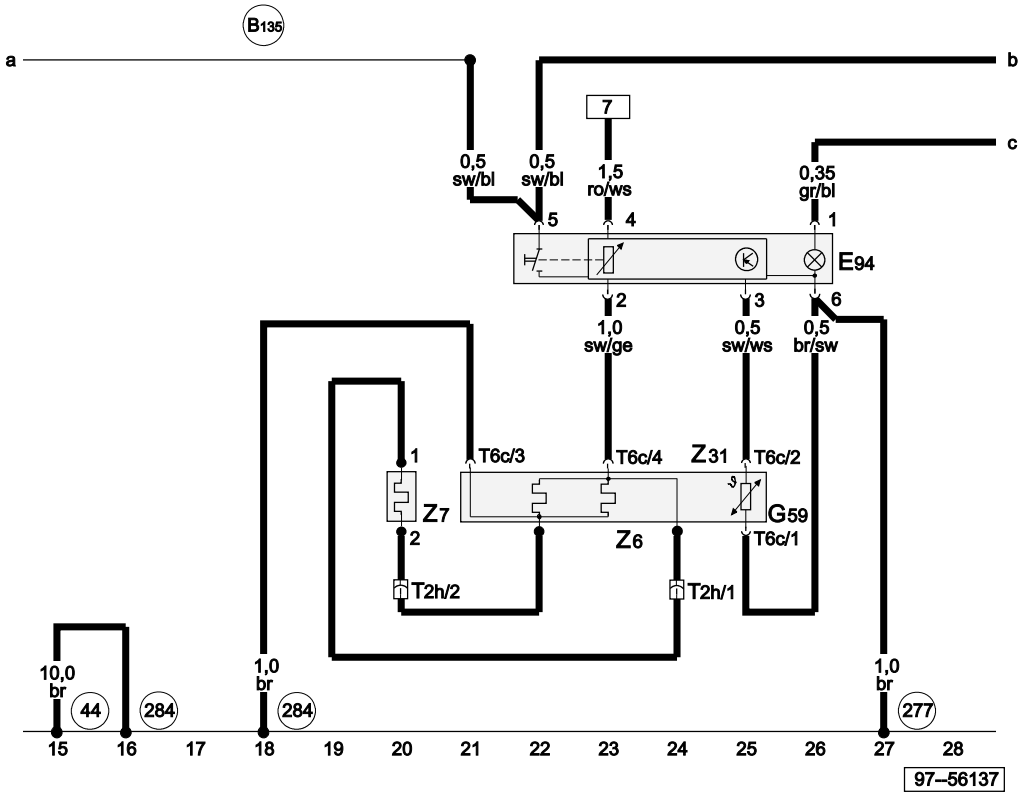
or	=	orange
rs	=	pink

Heated driver's seat regulator, driver's seat temperature sensor, heated driver's seat cushion, heated driver's seat backrest, driver's seat cushion lateral support heater

E94	Heated driver's seat regulator
G59	Driver's seat temperature sensor
T2h	2-pin connector, in driver's seat
T6c	6-pin connector, green, under driver's seat
Z6	Heated driver's seat cushion
Z7	Heated driver's seat backrest
Z31	Driver's seat cushion lateral support heater
44	Earth point, lower part of left A pillar
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness



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ro	=	red
br	=	brown
gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

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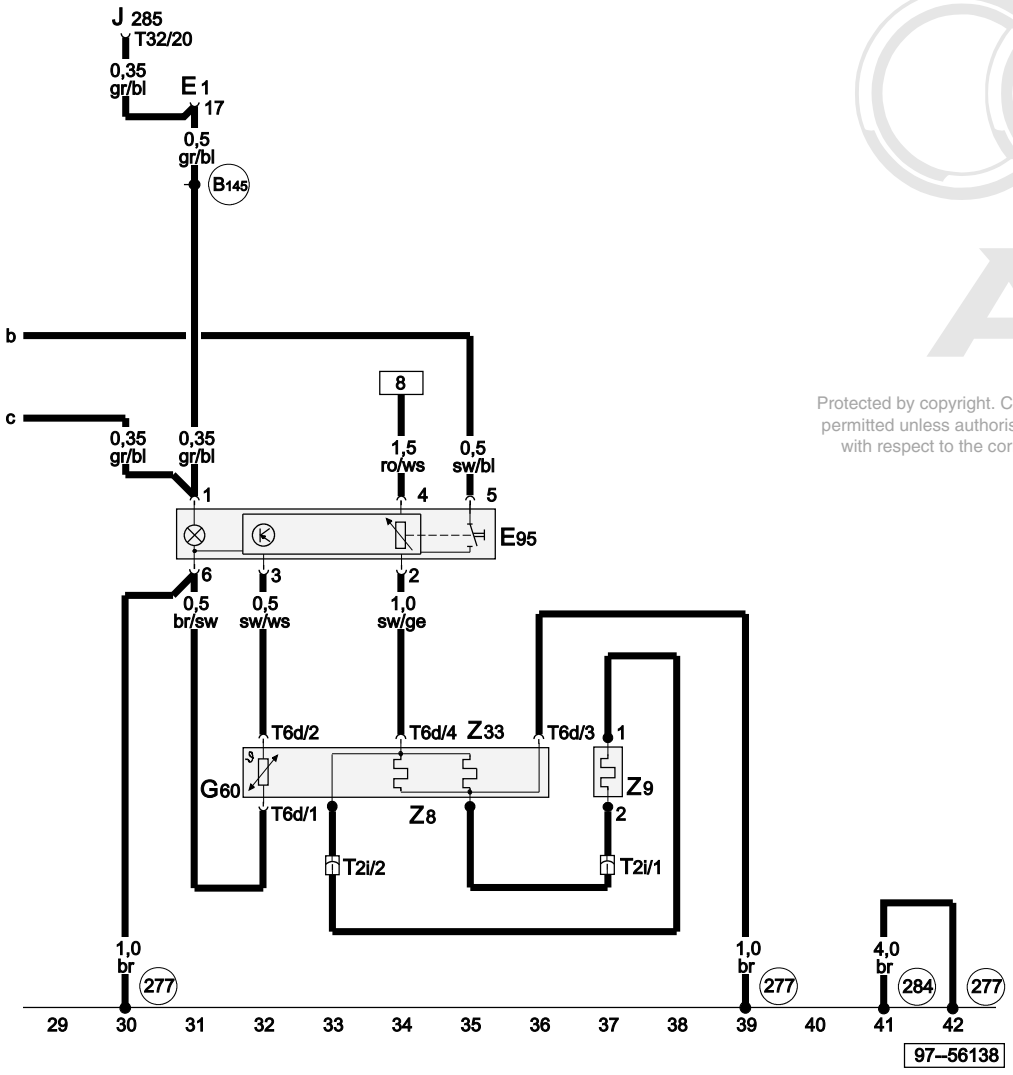
Heated front passenger's seat regulator, front passenger's seat temperature sensor, heated front passenger's seat cushion, heated front passenger's seat backrest, front passenger's seat cushion lateral support heater

E1	Lighting switch
E95	Heated front passenger's seat regulator
G60	Front passenger's seat temperature sensor
J285	Control unit with display in dash panel insert
T2i	2-pin connector, in front passenger's seat
T6d	6-pin connector, green, under front passenger's seat
T32	32-pin connector, blue, on dash panel insert
Z8	Heated front passenger's seat cushion
Z9	Heated front passenger's seat backrest
Z33	Front passenger's seat cushion lateral support heater
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness



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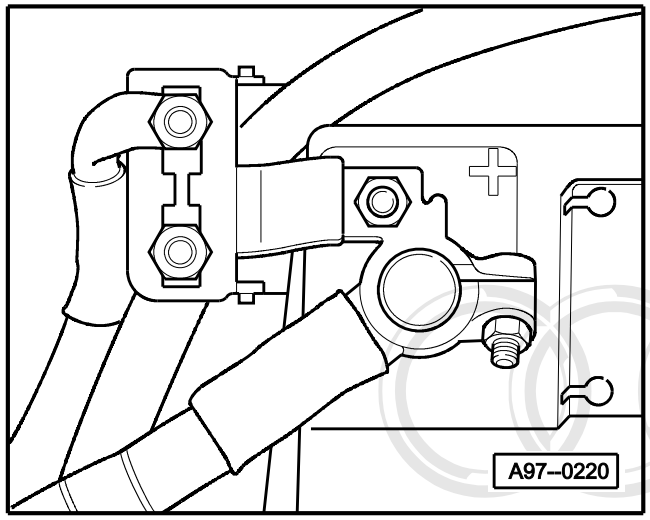
Daytime driving lights

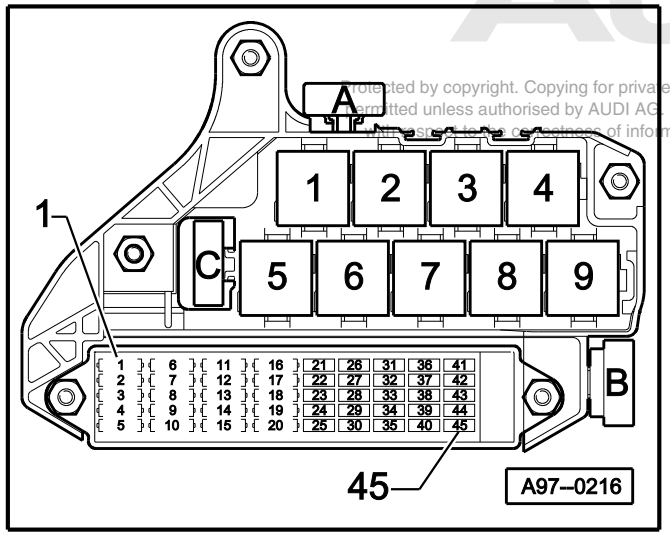
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

6 - Bulb check warning unit (K41)
7 - Bulb check warning unit (K41)
9 - X contact relief relay (J59)

Fuse colours

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

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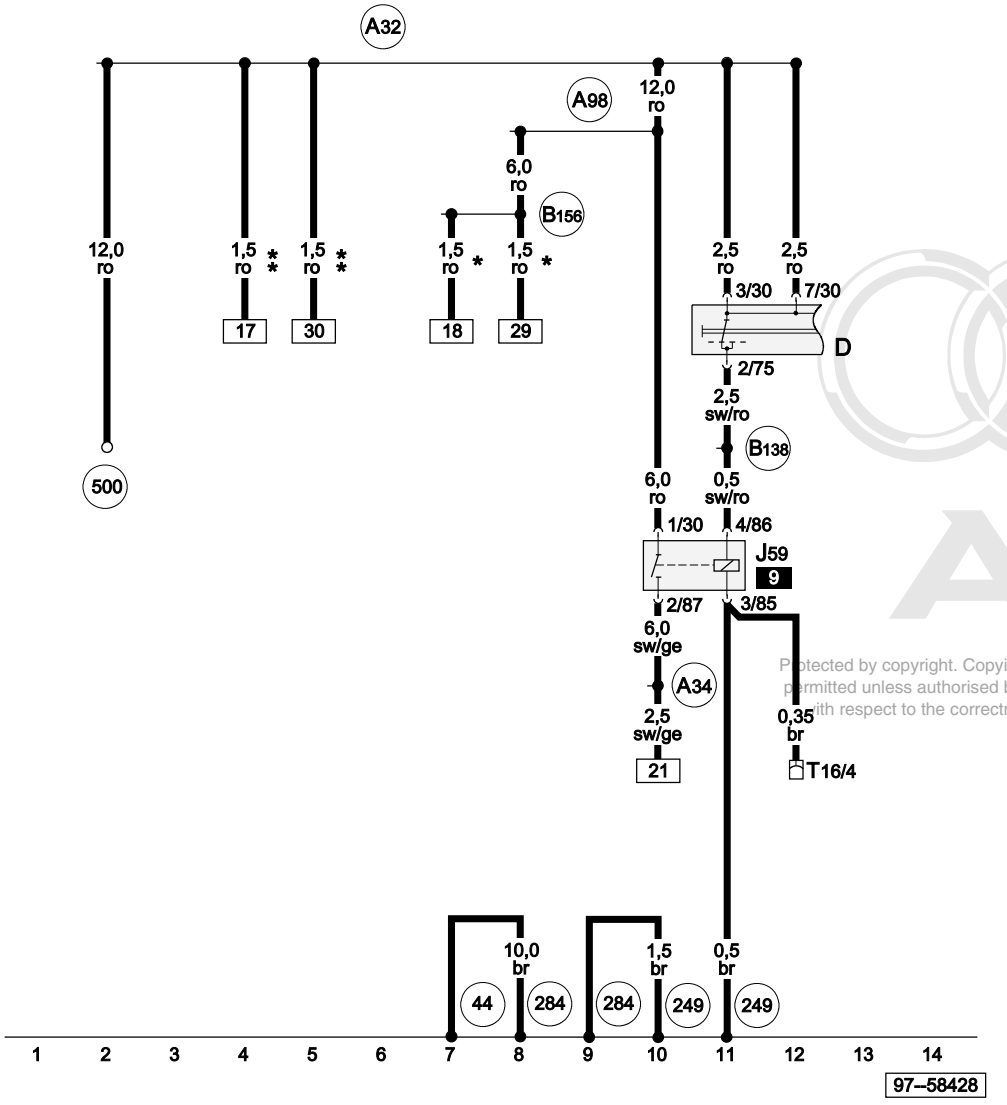

ws = white
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification

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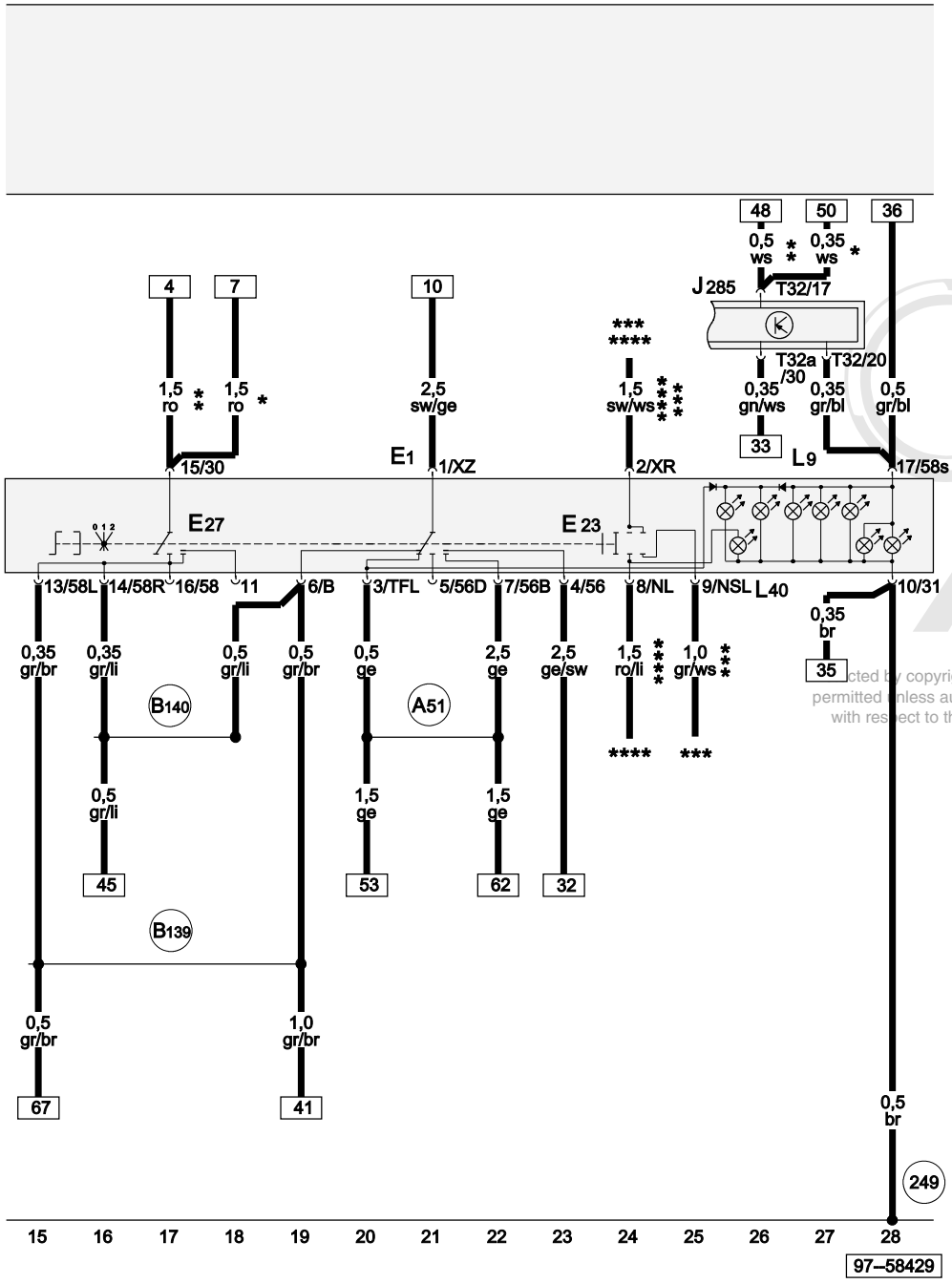
Lighting switch, control unit with display in dash panel insert



E1 Lighting switch
E23 Front and rear fog light switch
E27 Side light switch
J285 Control unit with display in dash panel insert
L9 Lighting switch light bulb
L40 Front and rear fog light switch illumination bulb
T32 32-pin connector, blue, on dash panel insert
T32a 32-pin connector, green, on dash panel insert

249 Earth connection -2-, in interior wiring harness

A51 Connection (56), in dash panel wiring harness

B139 Connection (PL (parking light, left)), in interior wiring harness

B140 Connection (PR (parking light, right)), in interior wiring harness

* No longer fitted, phased-in modification
** Phased-in modification
*** ⇒ Applicable Current Flow Diagram: Basic equipment
**** ⇒ Applicable Current Flow Diagram: Fog lights

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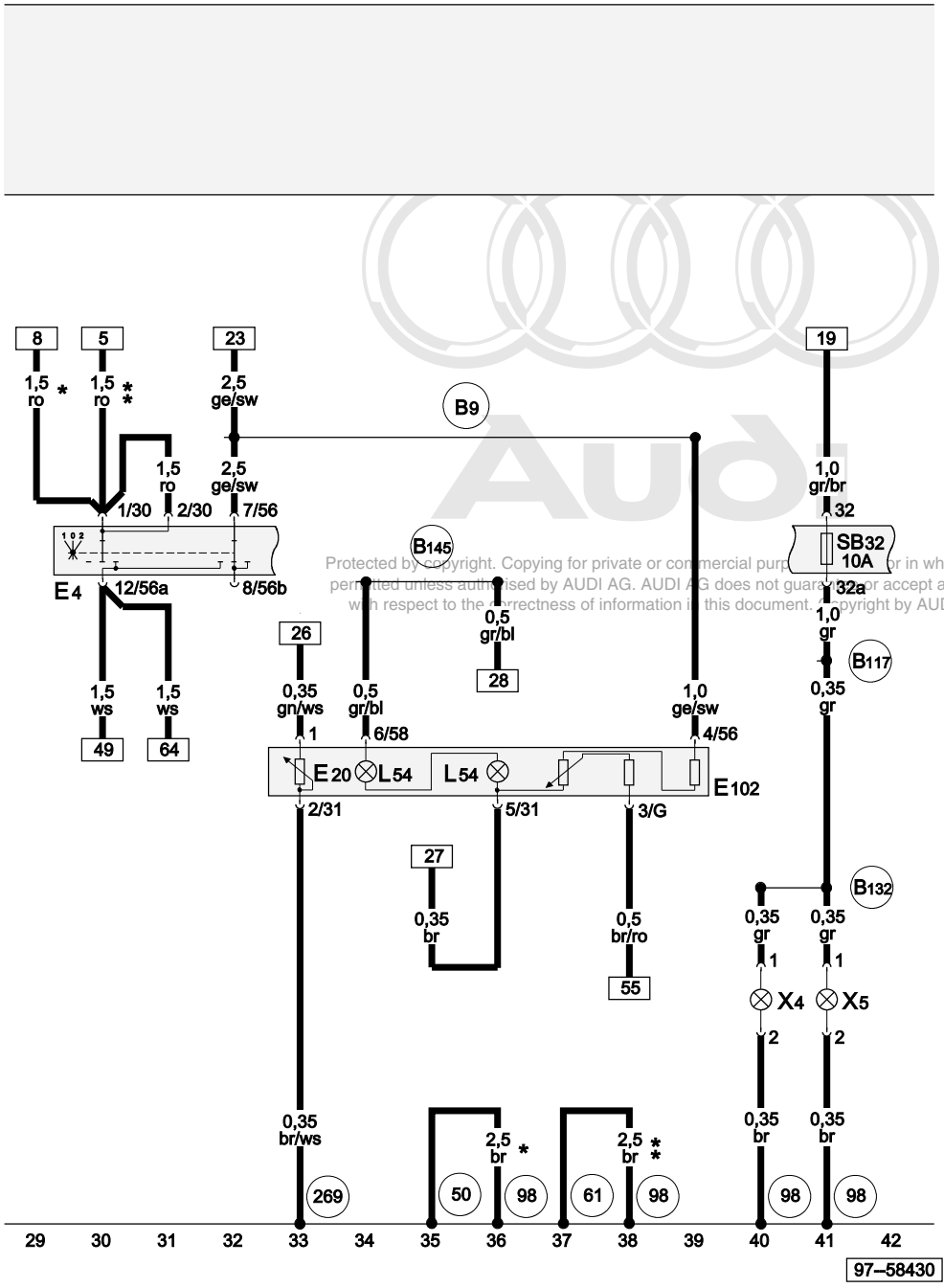

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Headlight dipper/flasher switch, switches and instruments light regulator, headlight range control adjuster

E4	Headlight dipper/flasher switch
E20	Switches and instruments light regulator
E102	Headlight range control adjuster
L54	Headlight range control adjuster light bulb
SB32	Fuse -32- on fuse box
X4	Number plate light, left
X5	Number plate light, right
50	Earth point, luggage compartment, left
61	Earth point, left C pillar
98	Earth connection, in rear lid wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B9	Connection (56), in steering column switch wiring harness
B117	Connection (58a, right), in interior wiring harness
B132	Connection (number plate light), in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification

Bulb check warning unit, twin filament bulb for right headlight, right tail light bulb, right side light bulb

K41	Bulb check warning unit
L2	Twin filament bulb for headlight, right
M2	Tail light bulb, right
M3	Side light bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
43	Earth point, lower part of right A pillar
50	Earth point, luggage compartment, left
61	Earth point, left C pillar
176	Earth connection, in right headlight wiring harness
238	Earth connection -1-, in interior wiring harness
A95	Connection -1- (56a), in dash panel wiring harness
*	No longer fitted, phased-in modification
**	Phased-in modification
***	⇒ Applicable Current Flow Diagram: Driver information system

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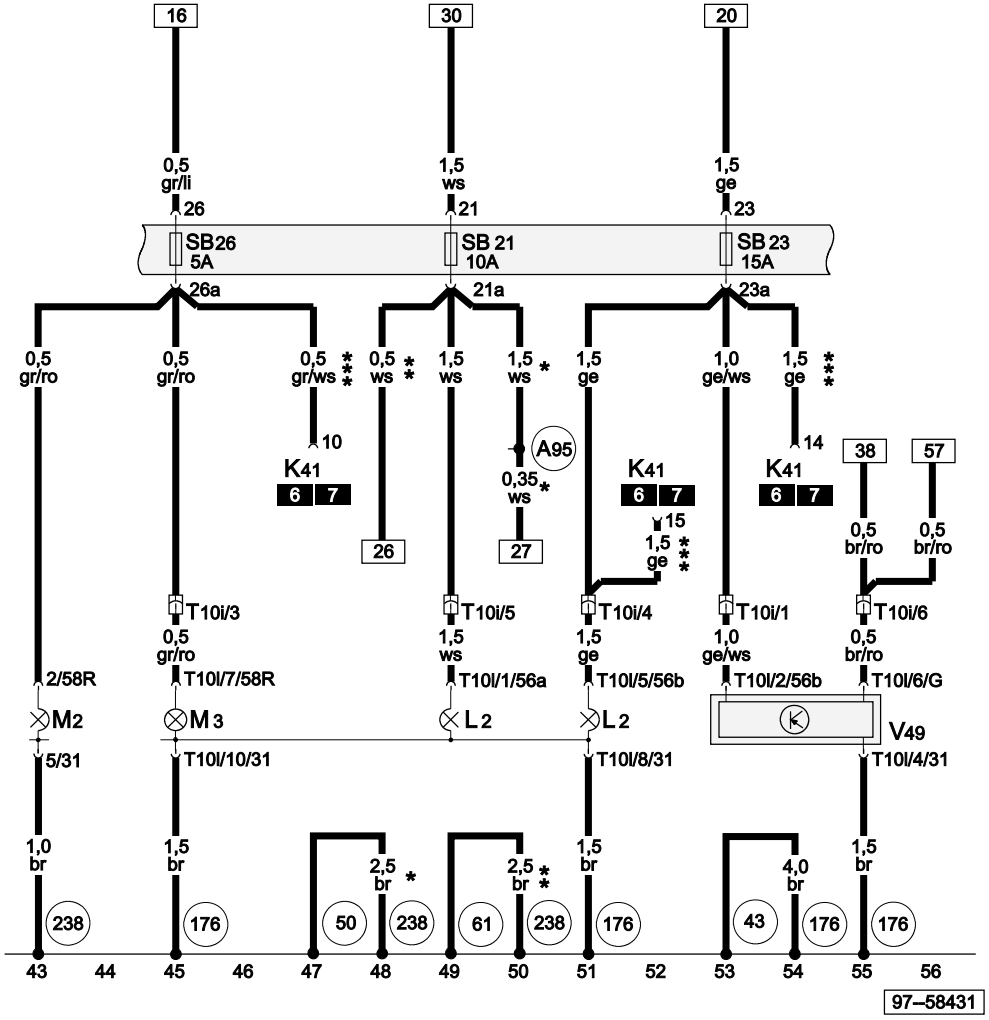

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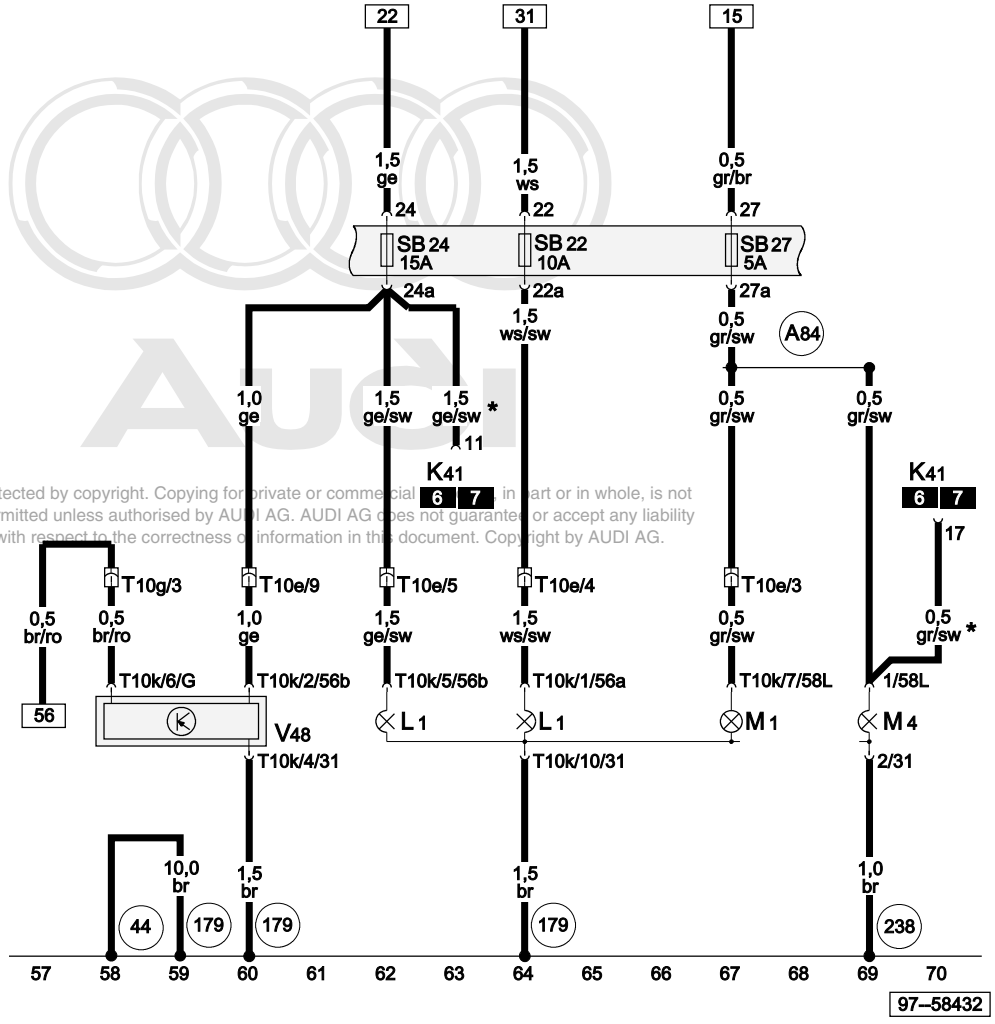
or	=	orange
rs	=	pink

Bulb check warning unit, twin filament bulb for left headlight, left side light bulb, left tail light bulb

K41	Bulb check warning unit
L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M4	Tail light bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
V48	Headlight range control motor, left
44	Earth point, lower part of left A pillar
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
A84	Connection (58L), in dash panel wiring harness
*	⇒ Applicable Current Flow Diagram: Driver information system



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rs	=	pink

Bulb check warning unit, twin filament bulb/sealed beam insert - left, tail light bulb - left, fuses

K41	Bulb check warning unit
L1	Twin filament bulb/sealed beam insert, left
M1	Side light bulb, left
M4	Tail light bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, red, connector point, A pillar, left
T10g	10-pin connector, grey, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
V48	Headlight range control motor, left
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
A84	Connection (58L), in dash panel wiring harness
*	Only applies to models without driver information system
**	Only applies to models with driver information system

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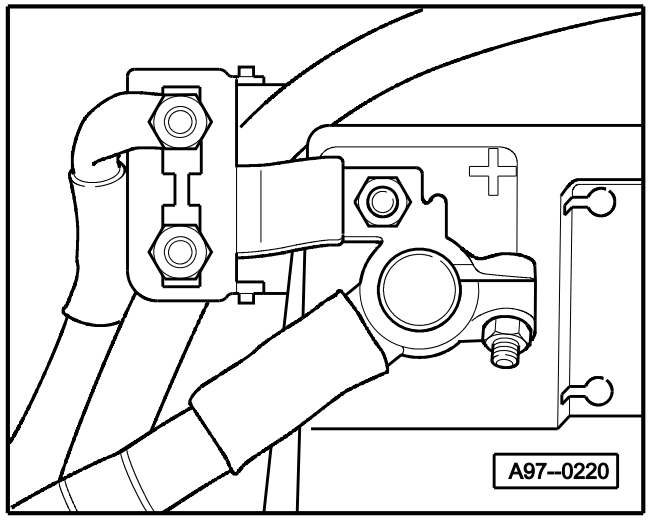
or	=	orange
rs	=	pink

97-56613

Telematics

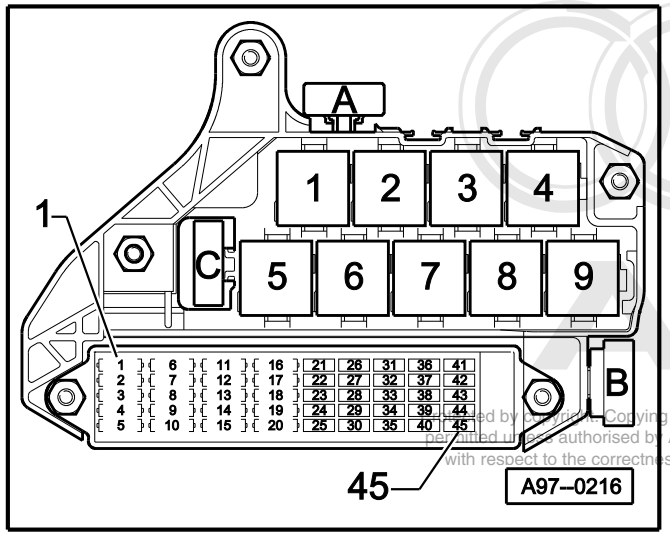
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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- In dash panel, driver's side

Fuse colours

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

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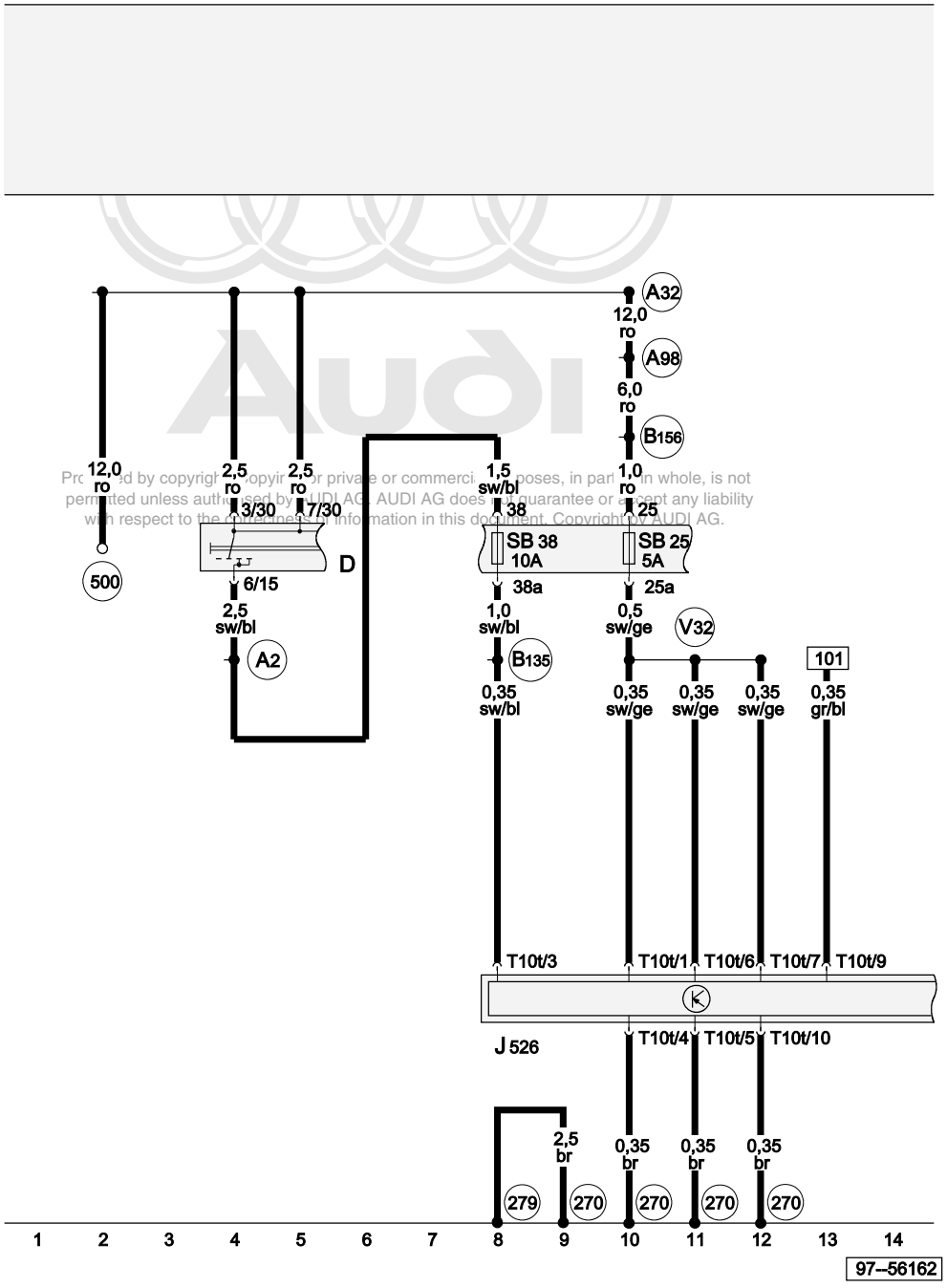

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Telephone/telematics control unit, fuses

D	Ignition/starter switch
J526	Telephone/telematics control unit
SB25	Fuse -25- on fuse box
SB38	Fuse -38- on fuse box
T10t	10-pin connector, black, on telephone/telematics control unit
270	Earth connection, in telephone wiring harness
279	Earth connection -5-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
V32	Positive (+) connection (30), in telephone wiring harness

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

Telephone/telematics control unit, aerials

J526	Telephone/telematics control unit
R1	Aerial connection
R50	Navigation aerial (GPS)
R65	Telephone aerial
R90	Additional aerial for telematics

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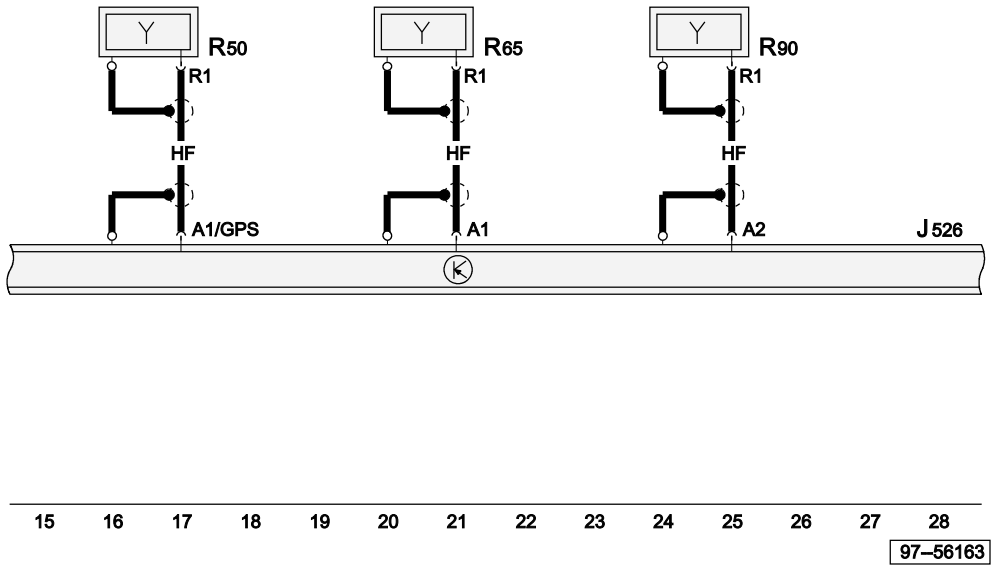

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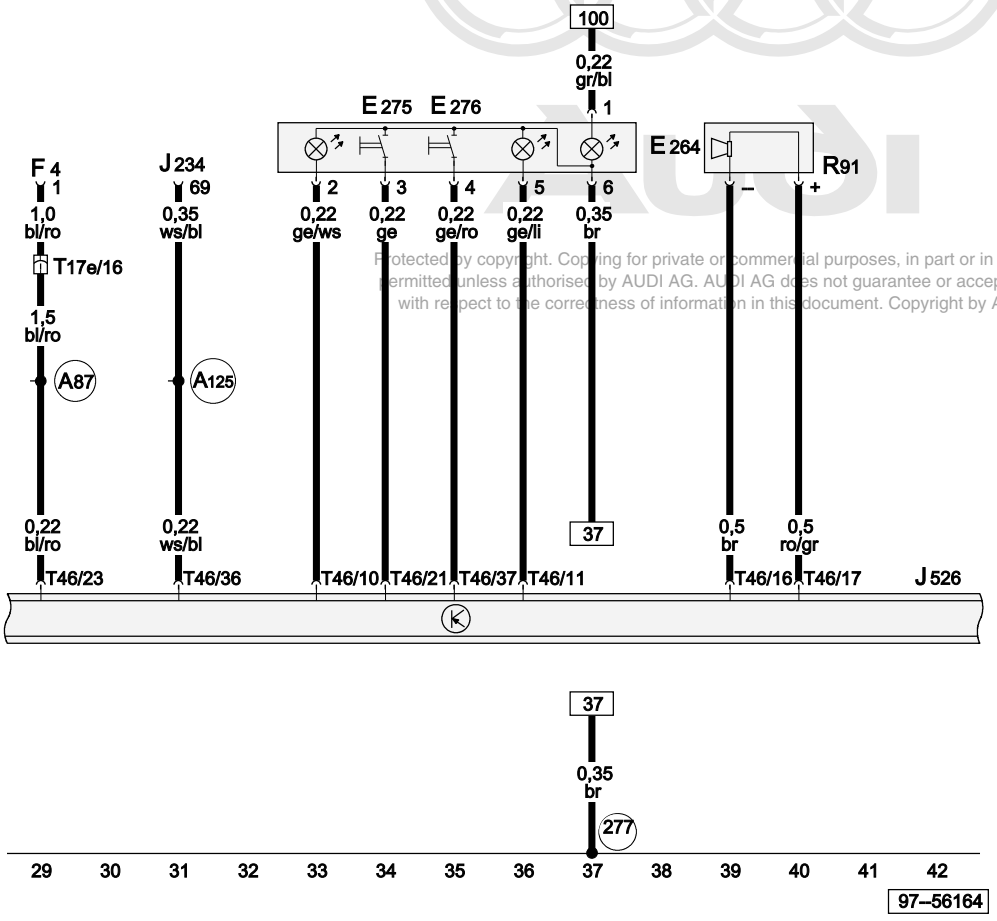

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Telematics operating unit, telephone/telematics control unit, additional loudspeaker for telematics

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
T17e	17-pin connector, blue, in footwell, front left
T46	46-pin connector, black, on telephone/telematics control unit
277	Earth connection -3-, in interior 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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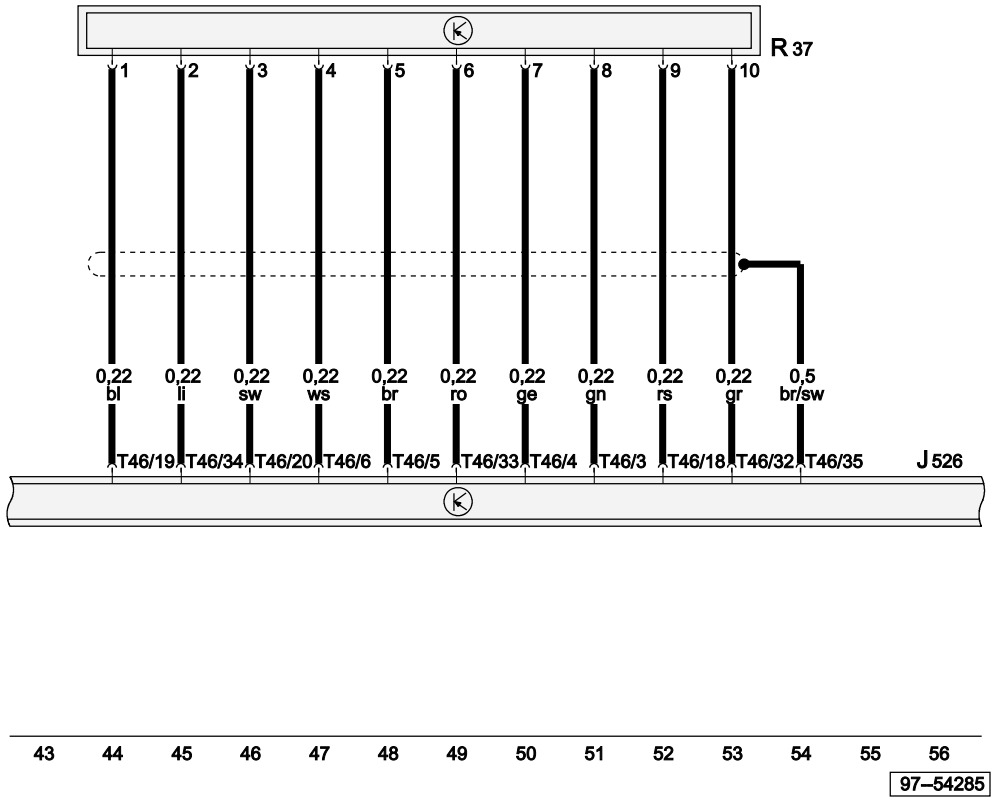
Telephone handset, telephone/telematics control unit

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



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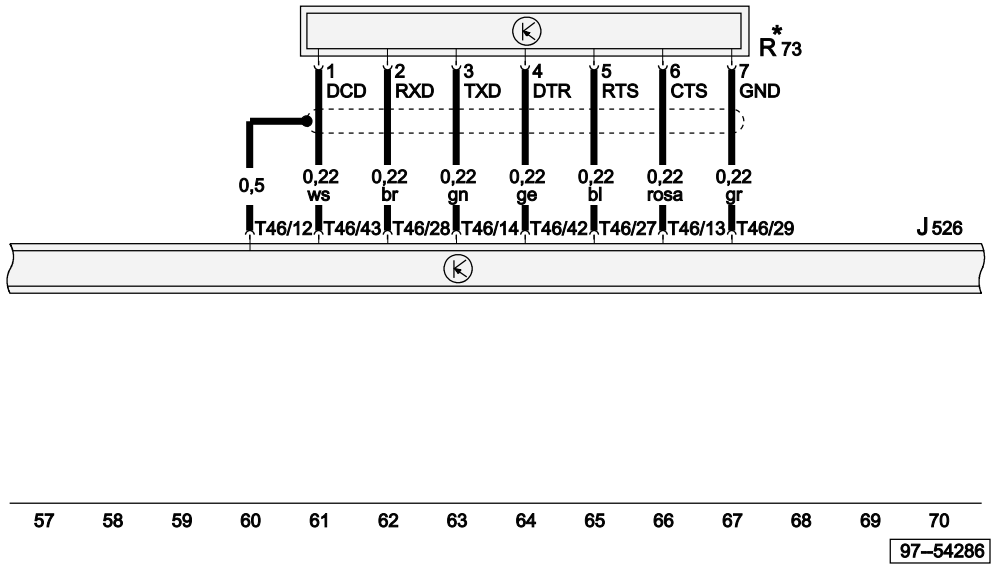
Telephone/telematics control unit, fax unit

J526 Telephone/telematics control unit
R73 Fax unit
T46 46-pin connector, black, on telephone/telematics control unit
* Optional equipment



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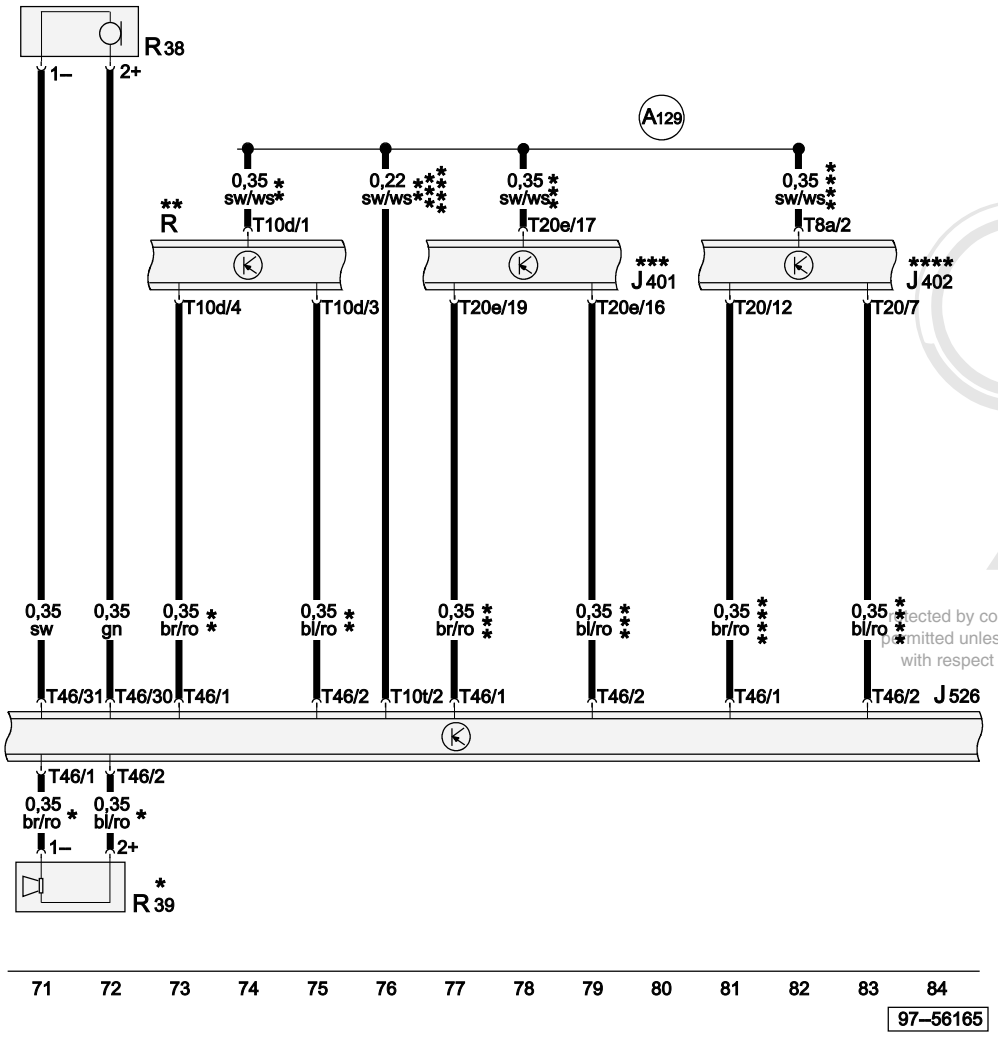

Telephone/telematics control unit, telephone microphone

J401	Navigation system with CD drive control unit
J402	Operating electronics control unit, navigation
J526	Telephone/telematics control unit
R	Radio
R38	Telephone microphone
R39	Telephone/navigation systems loudspeaker
T8a	8-pin connector, black, radio connector III
T10d	10-pin connector, red, radio connector IV
T10t	10-pin connector, black, on telephone/telematics control unit
T20	20-pin connector, black, radio connector I
T20e	20-pin connector, black, navigation system with CD drive control unit
T46	46-pin connector, black, on telephone/telematics control unit
A129	Connection (muting), in dash panel wiring harness
*	Only applies to models without radio
**	Only applies to models with radio
***	Only applies to models with navigation system 'NS Low'
****	Only applies to models with radio navigation system (RNS-D)

Audi

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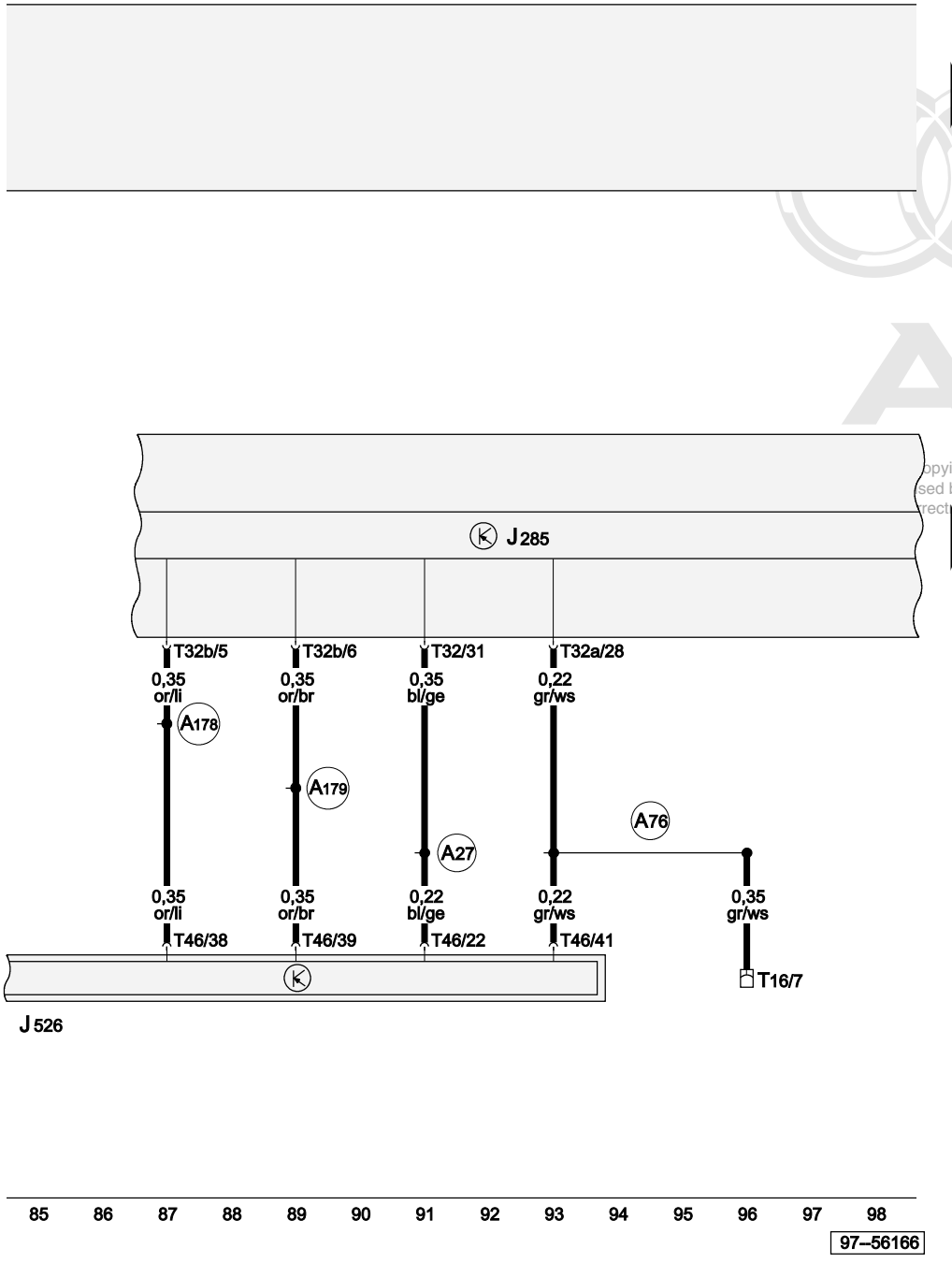

Telephone/telematics control unit, CAN bus

J285	Control unit with display in dash panel insert
J526	Telephone/telematics control unit
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
A27	Connection (speed signal), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

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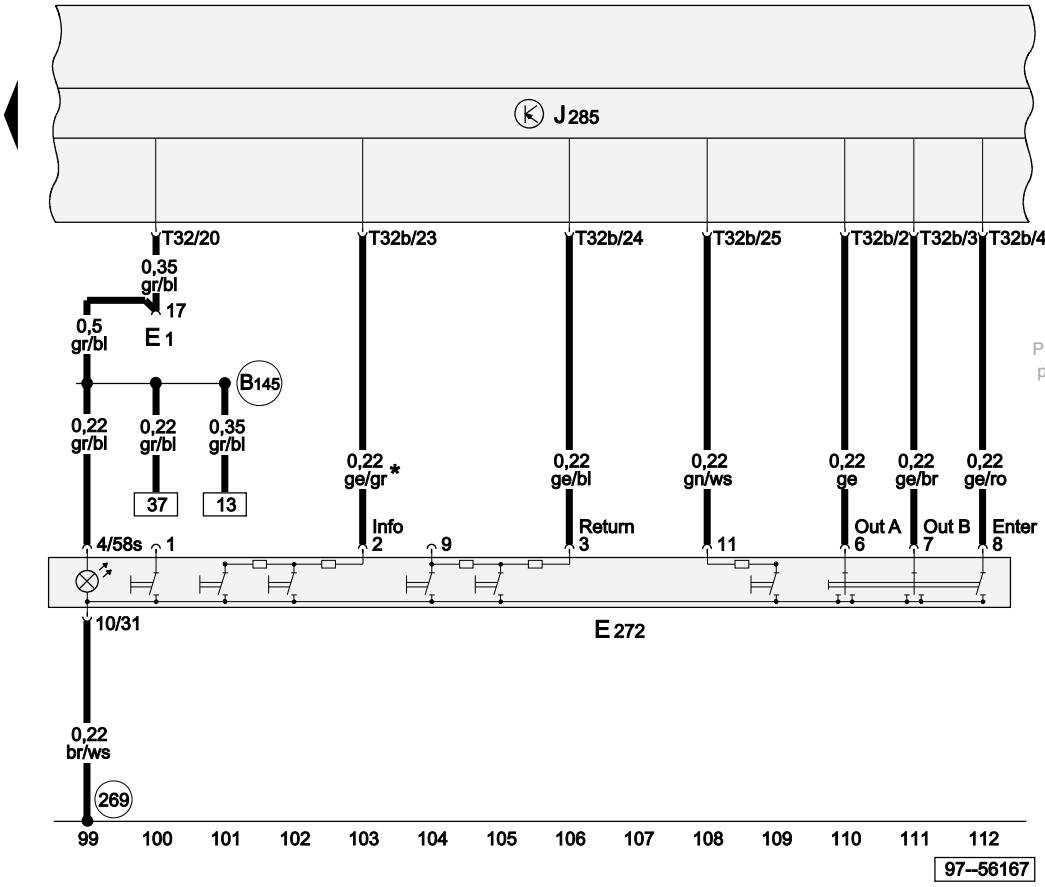
Function selection switch II

E1	Lighting switch
E272	Function selection switch II
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
B145	Positive (+) connection (58b), in interior wiring harness
*	Only applies to models with navigation system 'NS Low'



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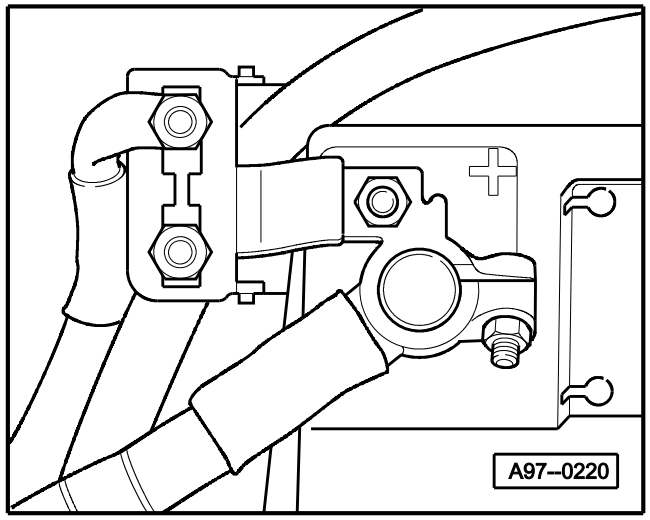
Fog lights

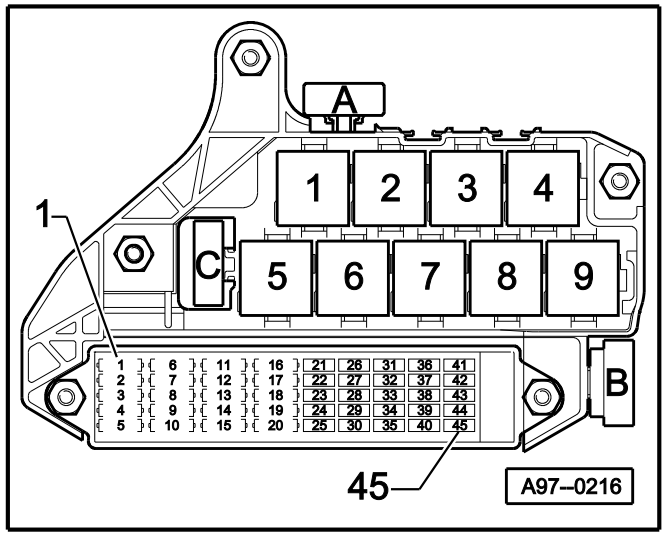
From model year 2003

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

9 - X contact relief relay (J59)

Fuse colours

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

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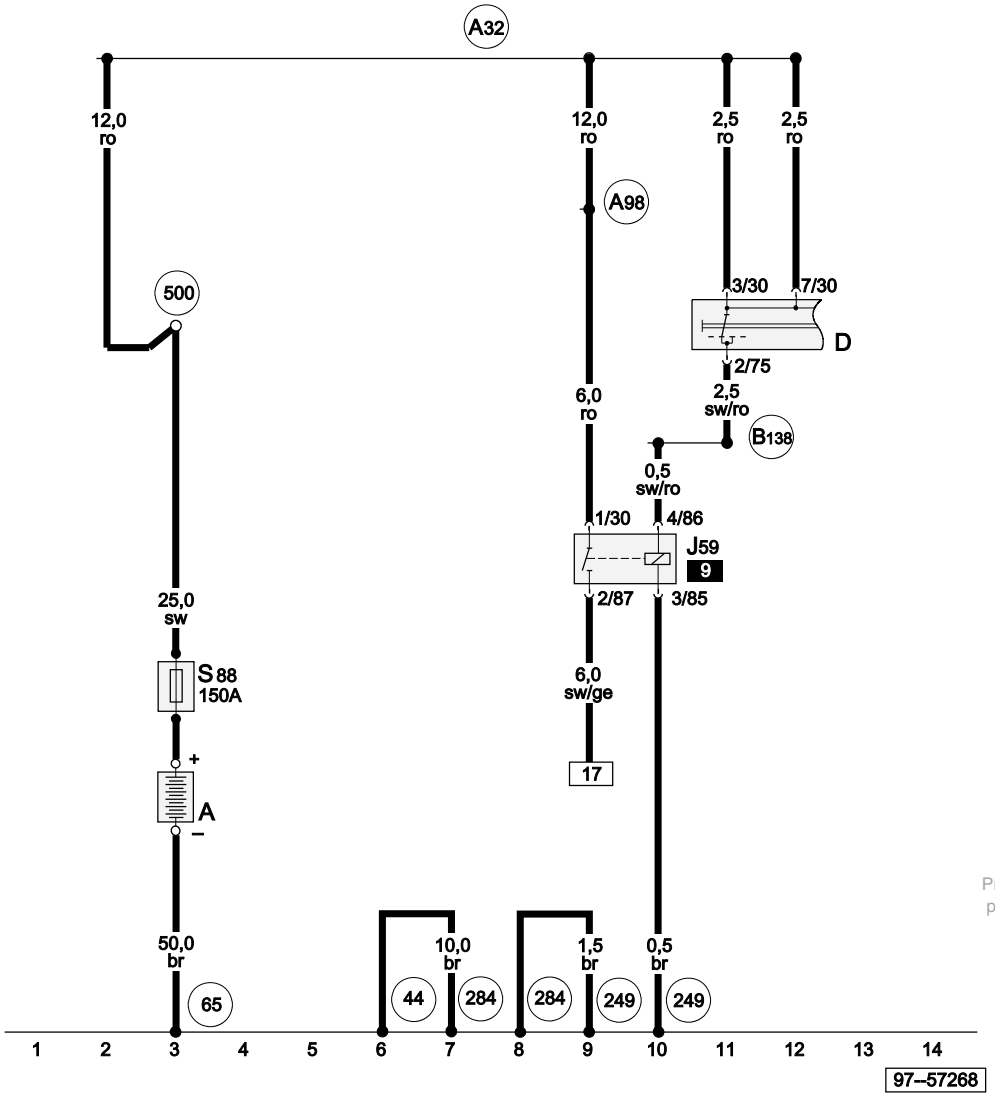

Battery, ignition/starter switch, X contact relief relay

A	Battery
D	Ignition/starter switch
J59	X contact relief relay
S88	Strip fuse
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior 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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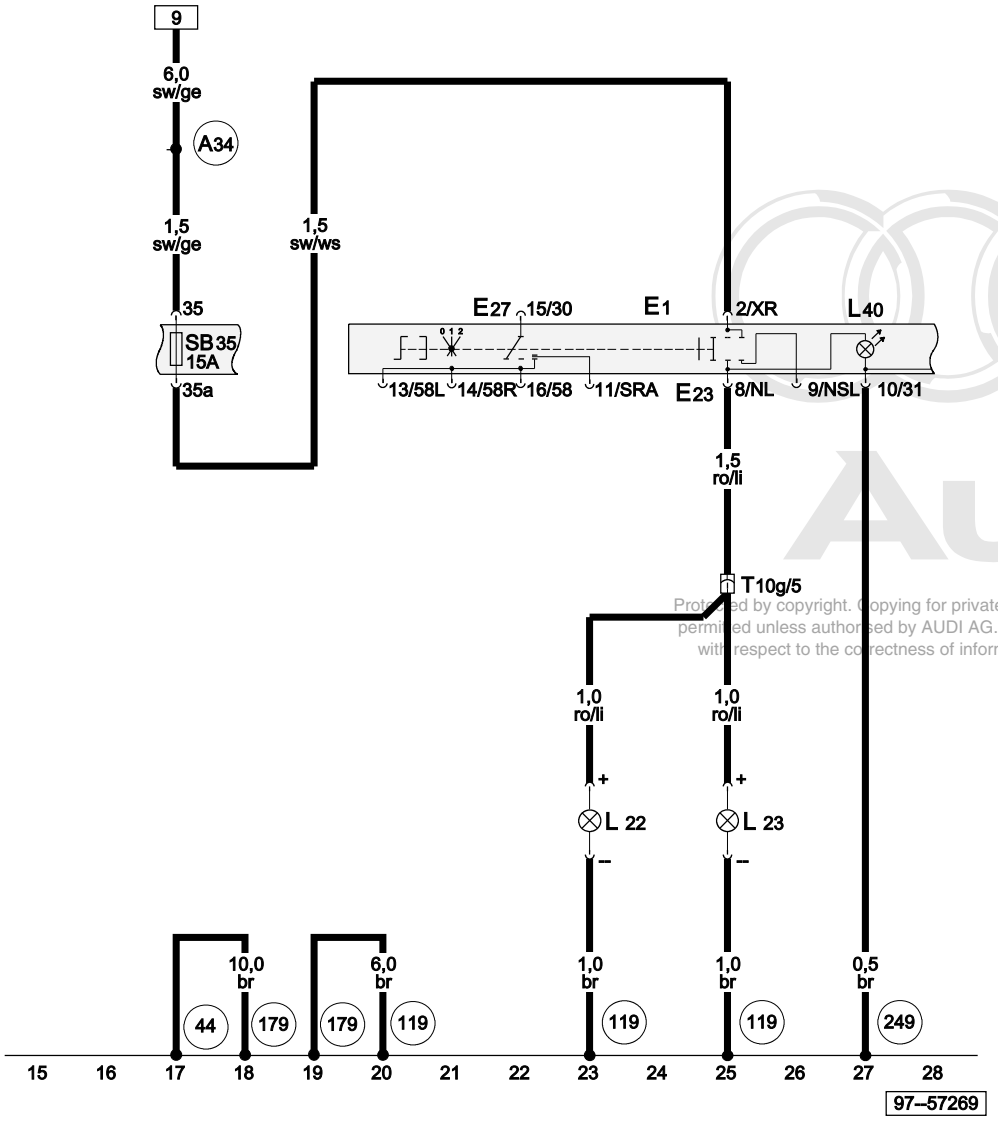
Lighting switch, front and rear fog light switch, fog light bulbs

E1	Lighting switch
E23	Front and rear fog light switch
E27	Side light switch
L22	Fog light bulb, left
L23	Fog light bulb, right
L40	Front and rear fog light switch illumination bulb
SB35	Fuse -35- on fuse box
T10g	10-pin connector, grey, connector point, A pillar, left
44	Earth point, lower part of left A pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness



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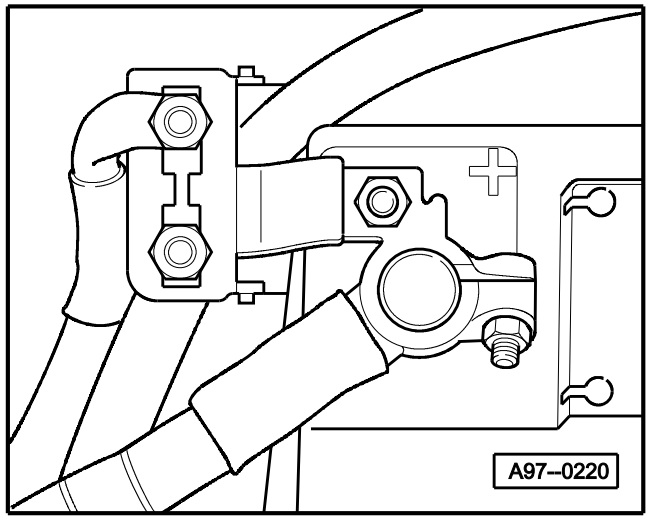
Basic equipment

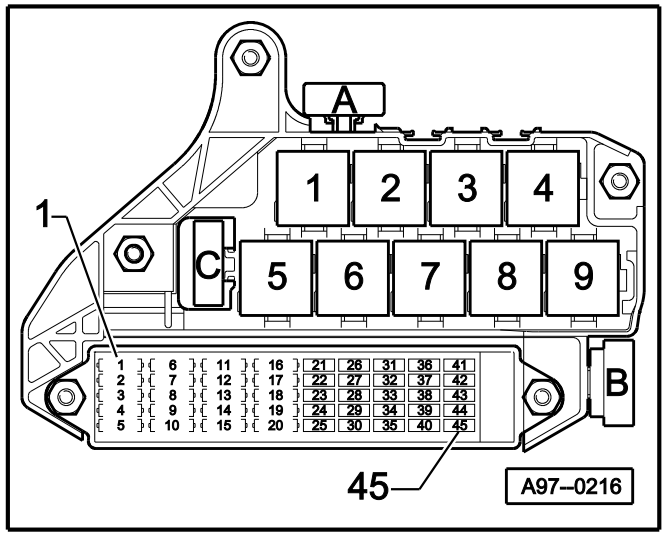
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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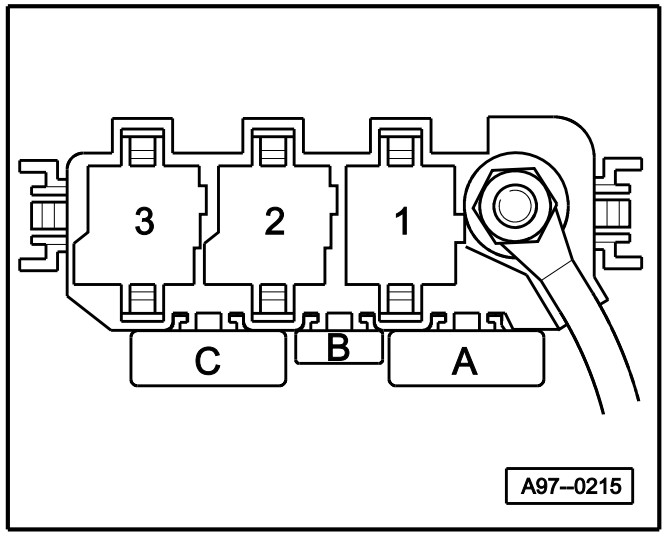
♦ In dash panel, driver's side

5 - Dual tone horn relay (J4)
9 - X contact relief relay (J59)

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

C - Fuse -1- (30) (power steering) (S204)

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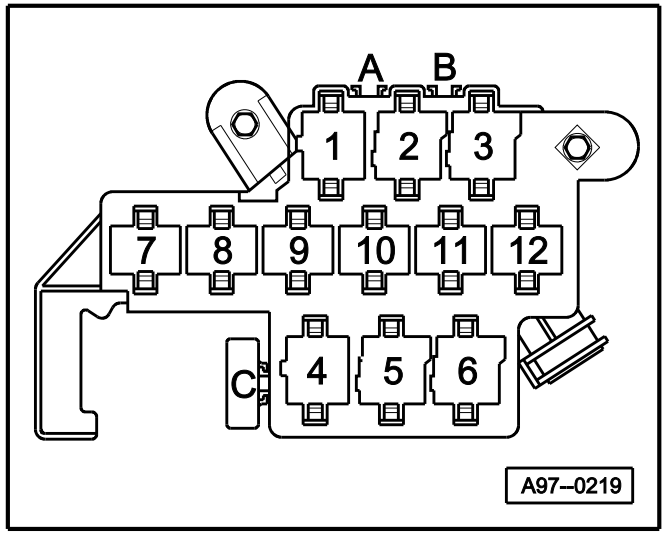
6+6-point relay carrier



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◆ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

Earth connections

43	Earth point, A pillar, bottom right
44	Earth point, A pillar, bottom left
52	Earth point, in rear lid, left
61	Earth point, left C pillar
98	Earth connection, in rear lid wiring harness
119	Earth connection -1-, in headlight wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
284	Earth connection 6, in interior wiring harness

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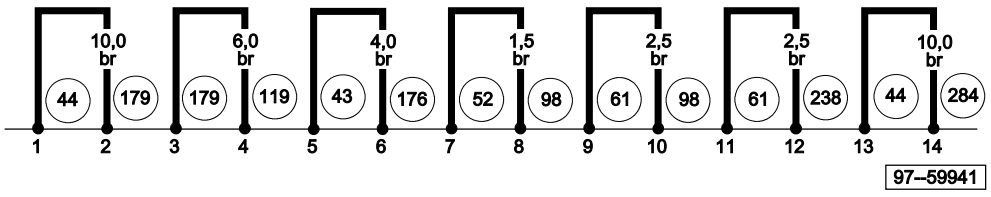

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Earth connections

T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
12	Earth point, in engine compartment, left
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
285	Earth connection -7-, in interior wiring harness
*	Only applies to models with engine code BAD
**	Only applies to models with engine code BBY
***	Only applies to models with engine codes AMF, ATL and BHC

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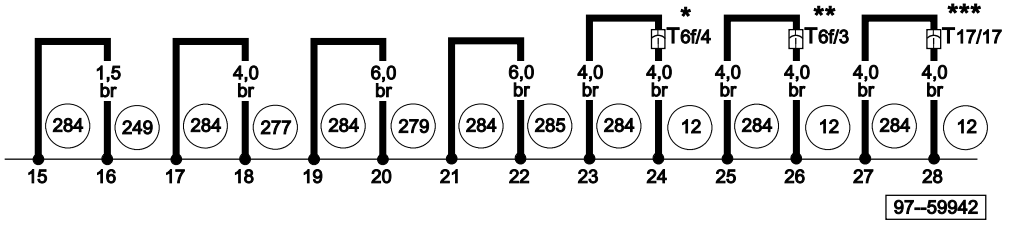

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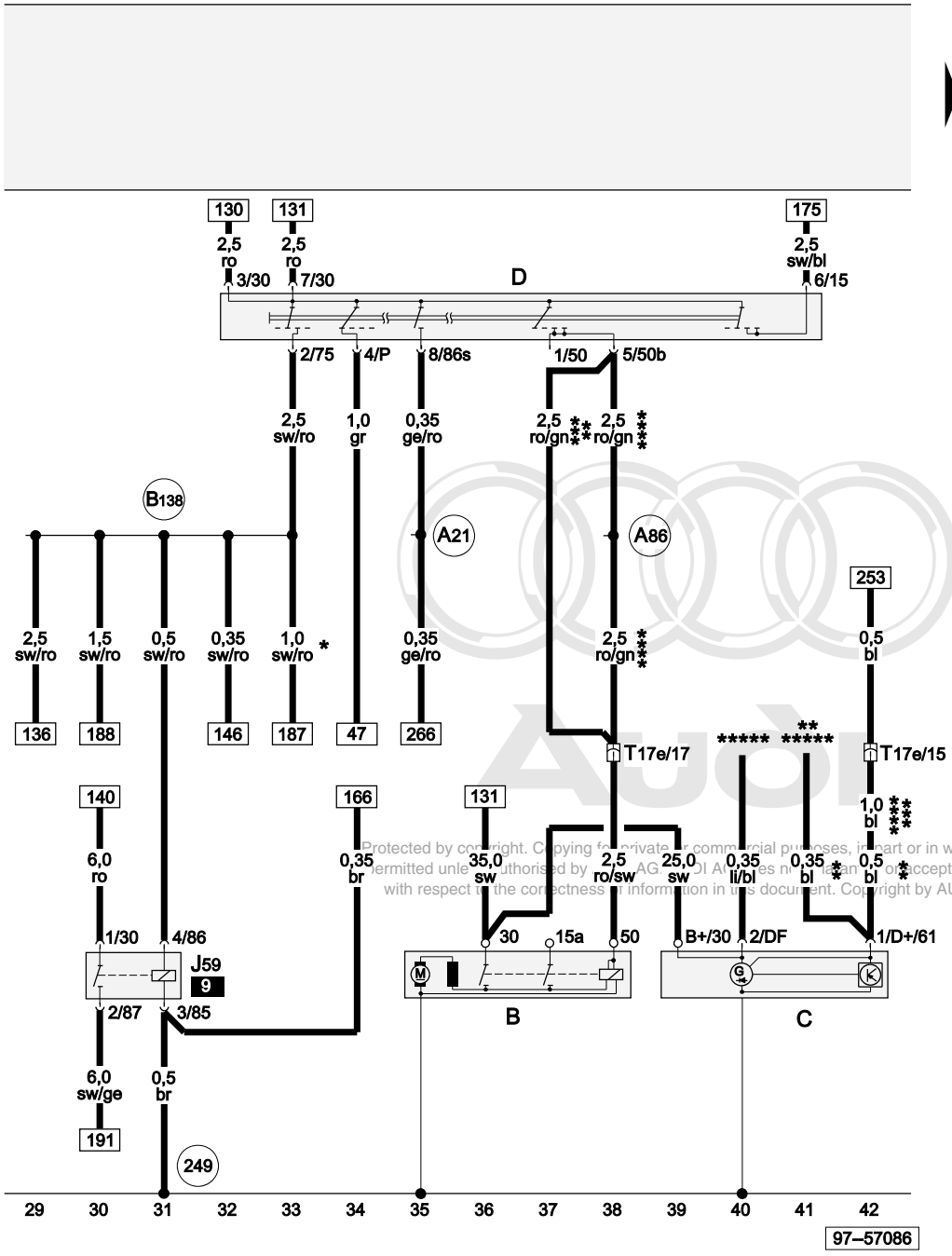
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Starter, alternator, ignition/starter switch, X contact relief relay



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B	Starter
C	Alternator
D	Ignition/starter switch
J59	X contact relief relay
T17e	17-pin connector, blue, in footwell, front left
249	Earth connection -2-, in interior wiring harness
A21	Connection (86s), in dash panel wiring harness
A86	Connection (50a), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
*	Only applies to models with heater element for washer jet
**	Only applies to models with engine codes AMF, ATL and BHC
***	Only applies to models with engine code BAD
****	Only applies to models with engine code BBY
*****	⇒ Applicable engine Current Flow Diagram

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

Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, front and rear fog light switch

E1	Lighting switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E23	Front and rear fog light switch
E27	Side light switch
L9	Lighting switch light bulb
L40	Front and rear fog light switch illumination bulb
249	Earth connection -2-, in interior wiring harness
B9	Connection (56), in steering column switch wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
*	Only applies to models with headlight washer system

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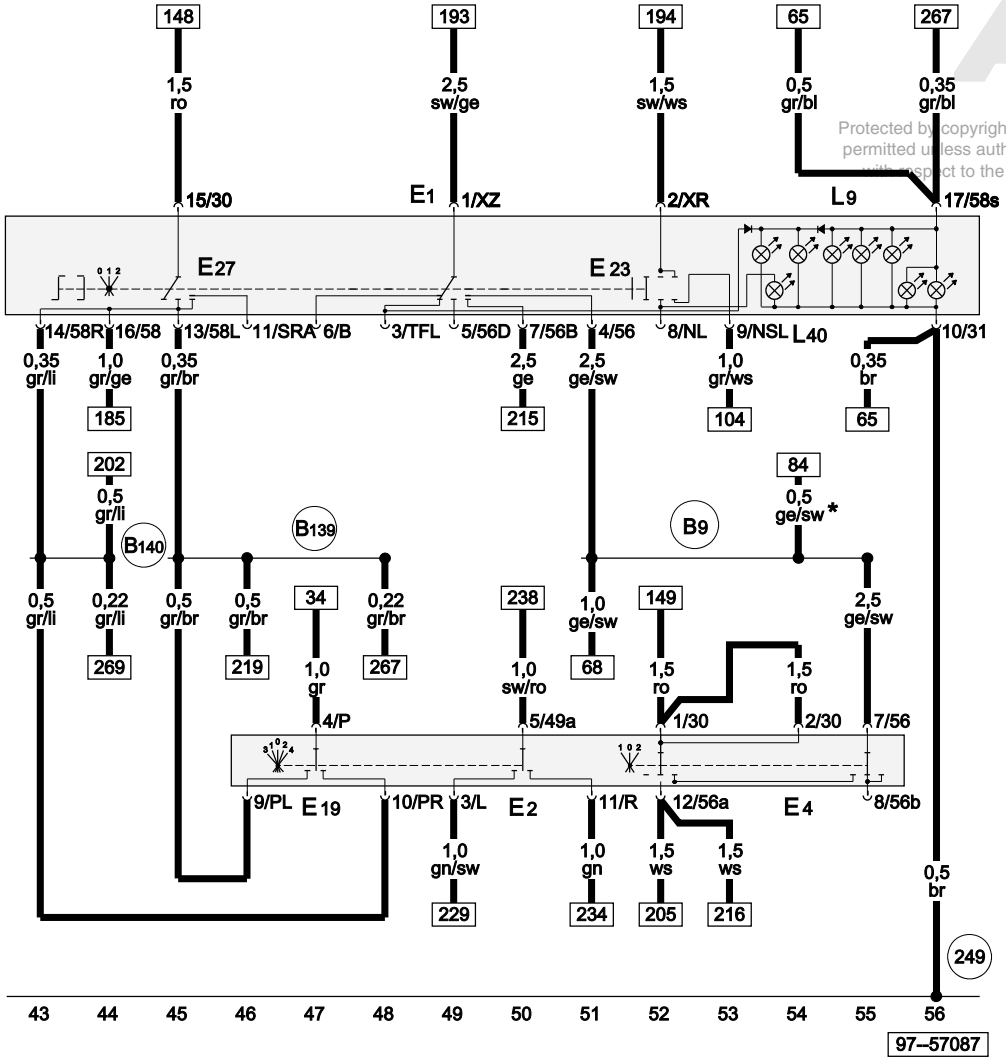

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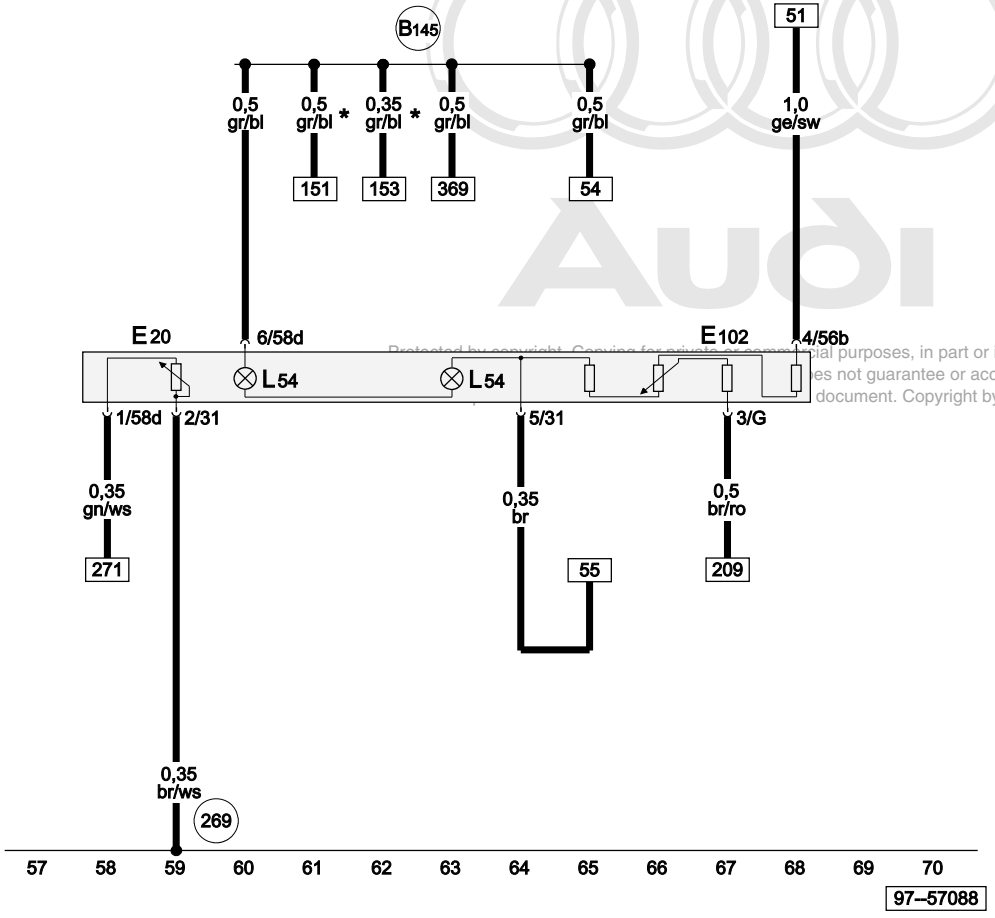
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switches and instruments light regulator, headlight range control adjuster

E20	Switches and instruments light regulator
E102	Headlight range control adjuster
L54	Headlight range control adjuster light bulb
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
*	Only applies to models with equipment for smokers



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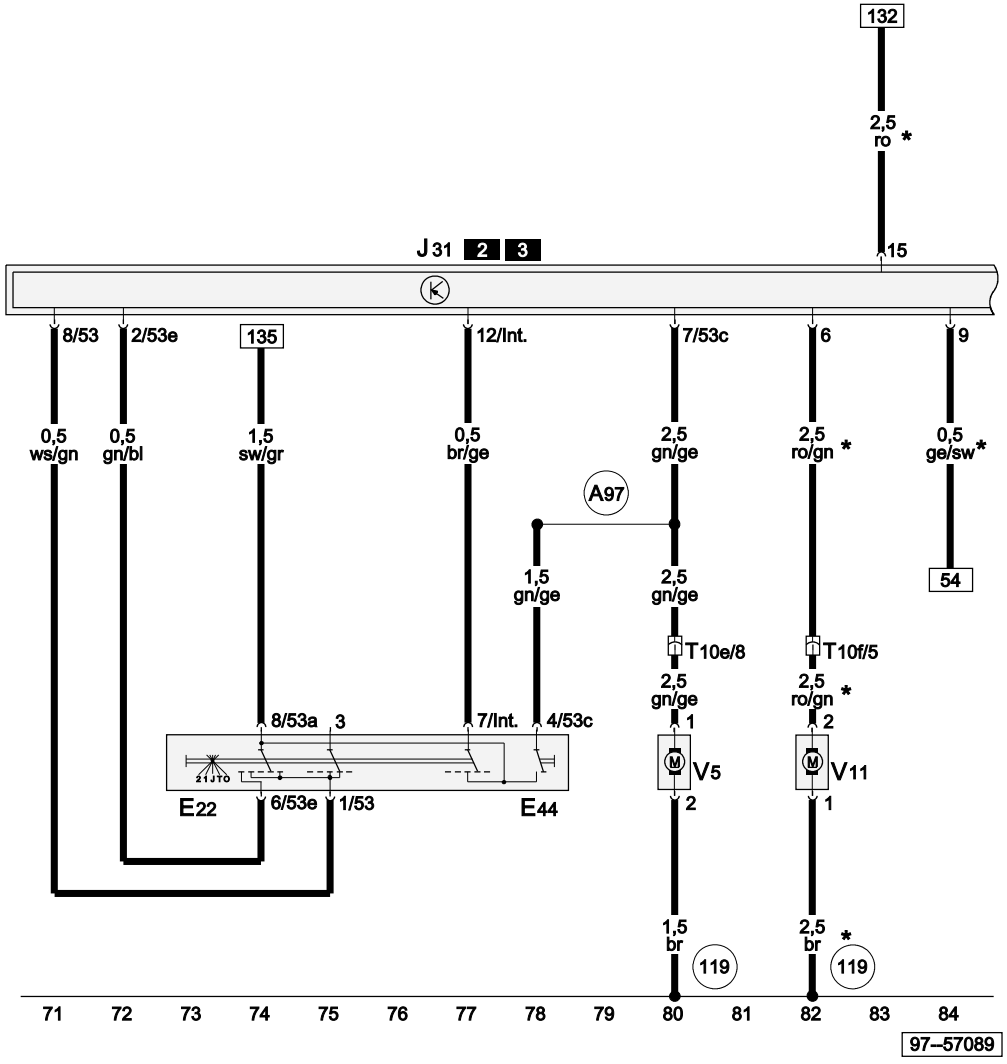

Intermittent wiper switch, washer pump switch, automatic intermittent wash/wipe relay

E22	Intermittent wiper switch
E44	Windscreen washer pump switch (automatic wash/wipe and headlight washer system)
J31	Automatic intermittent wash/wipe relay
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
V5	Windscreen washer pump
V11	Headlight washer system pump
119	Earth connection -1-, in headlight wiring harness
A97	Connection (53), in dash panel wiring harness
*	Only applies to models with headlight washer system

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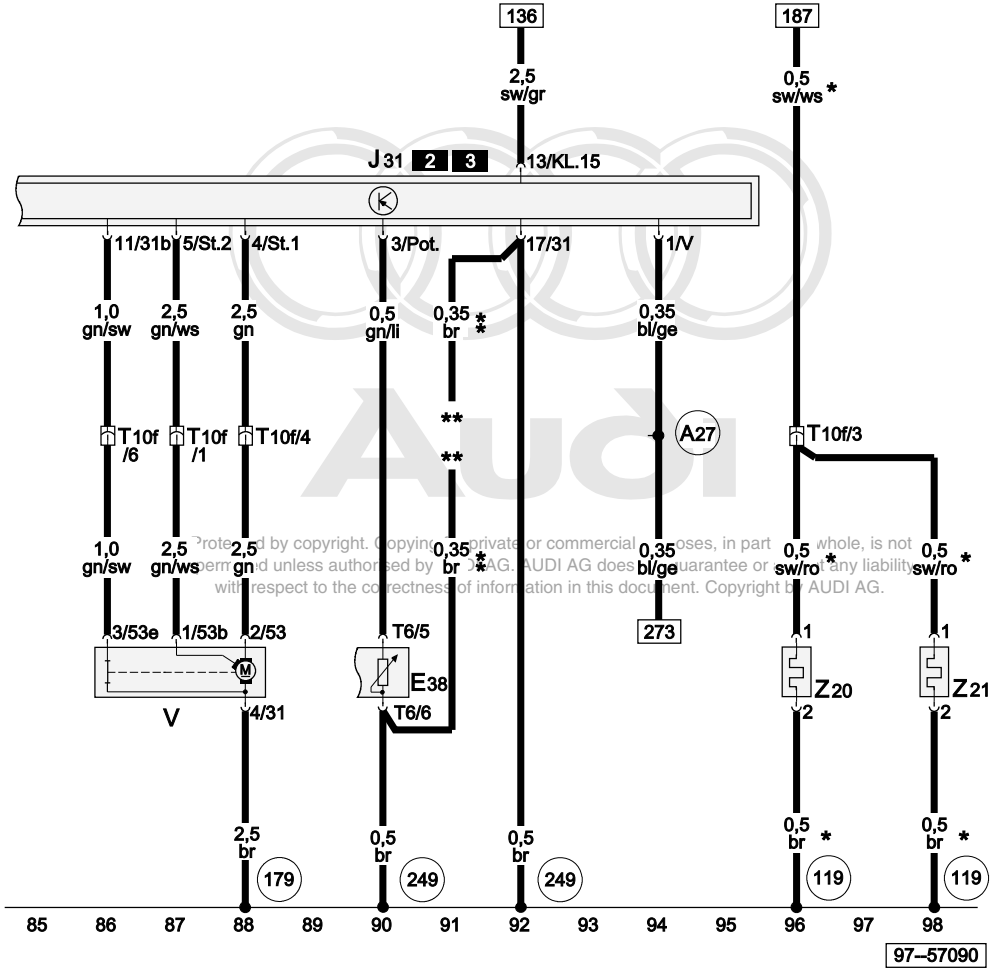
or	=	orange
rs	=	pink

Intermittent wiper control, automatic intermittent wash/wipe relay, heater element for washer jet

E38	Intermittent wiper control
J31	Automatic intermittent wash/wipe relay
T6	6-pin connector, brown, behind steering column switch trim
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
*	Only applies to models with heater element for washer jet
**	See applicable Current Flow Diagram: ABS



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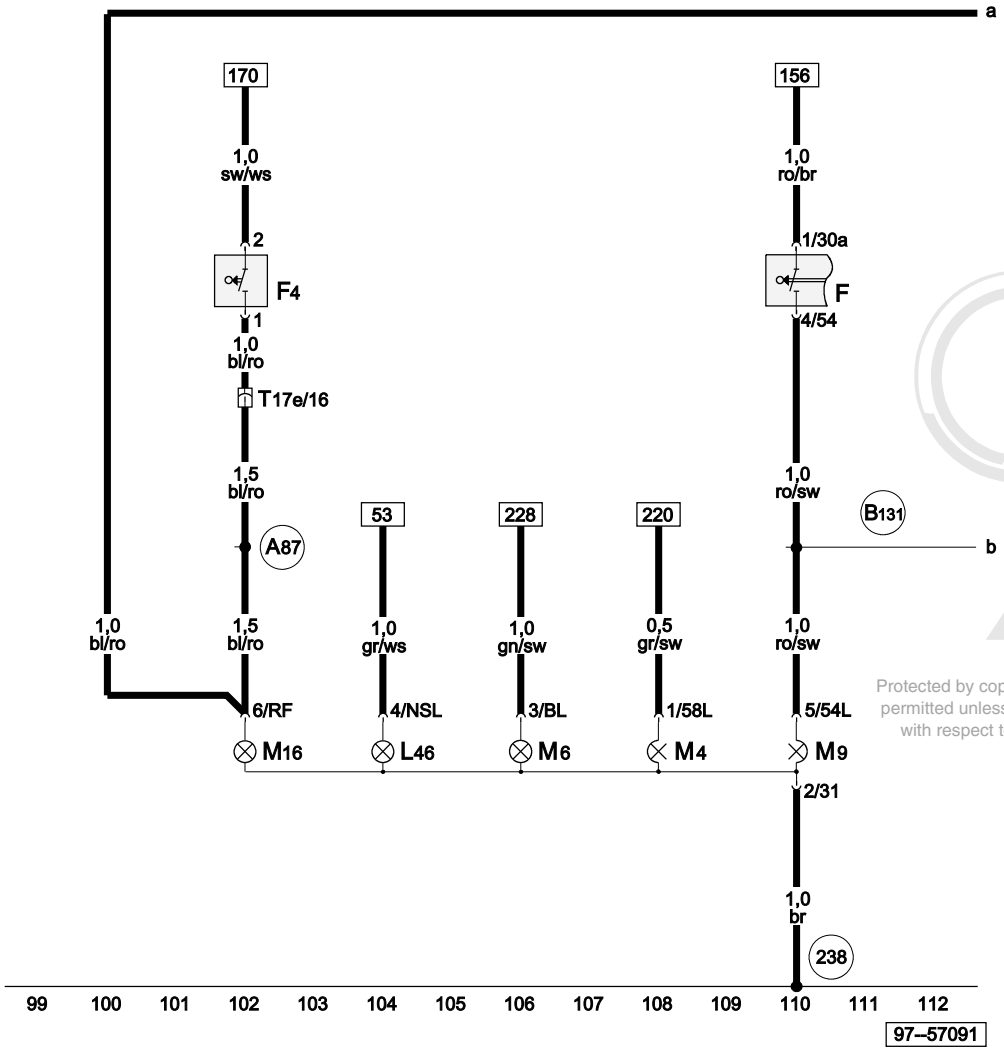
rs	=	pink

Rear left fog light bulb, left tail light bulb, rear left turn signal bulb, left brake light bulb

F	Brake light switch
F4	Reversing light switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T17e	17-pin connector, blue, in footwell, front left
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B131	Connection (54), in interior wiring harness



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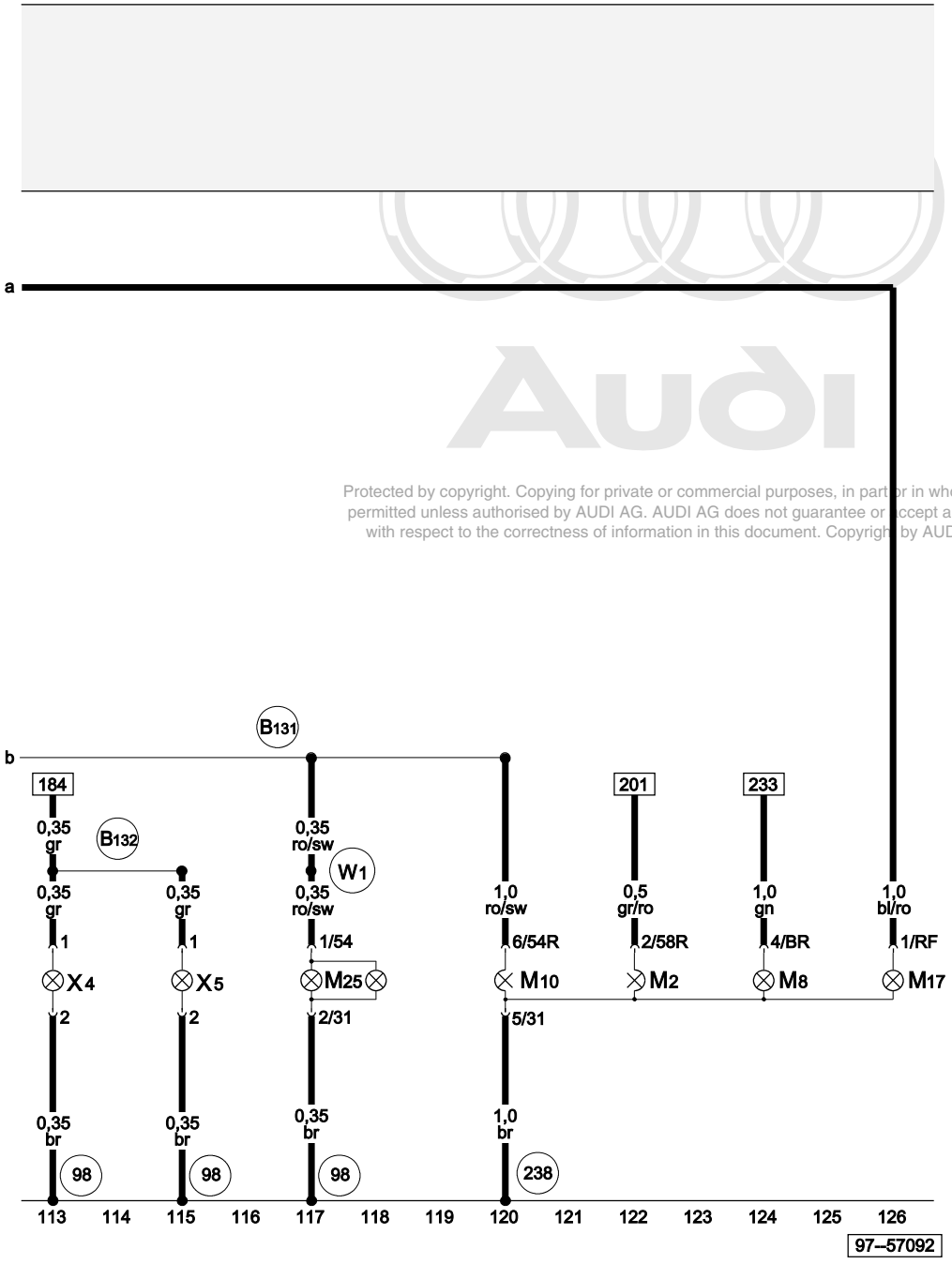

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Right tail light bulb, rear right turn signal bulb, right reversing light bulb, high level brake light bulb, number plate lights

M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
M25	High level brake light bulb
X4	Number plate light, left
X5	Number plate light, right
98	Earth connection, in tailgate wiring harness
238	Earth connection -1-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B132	Connection (number plate light), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness

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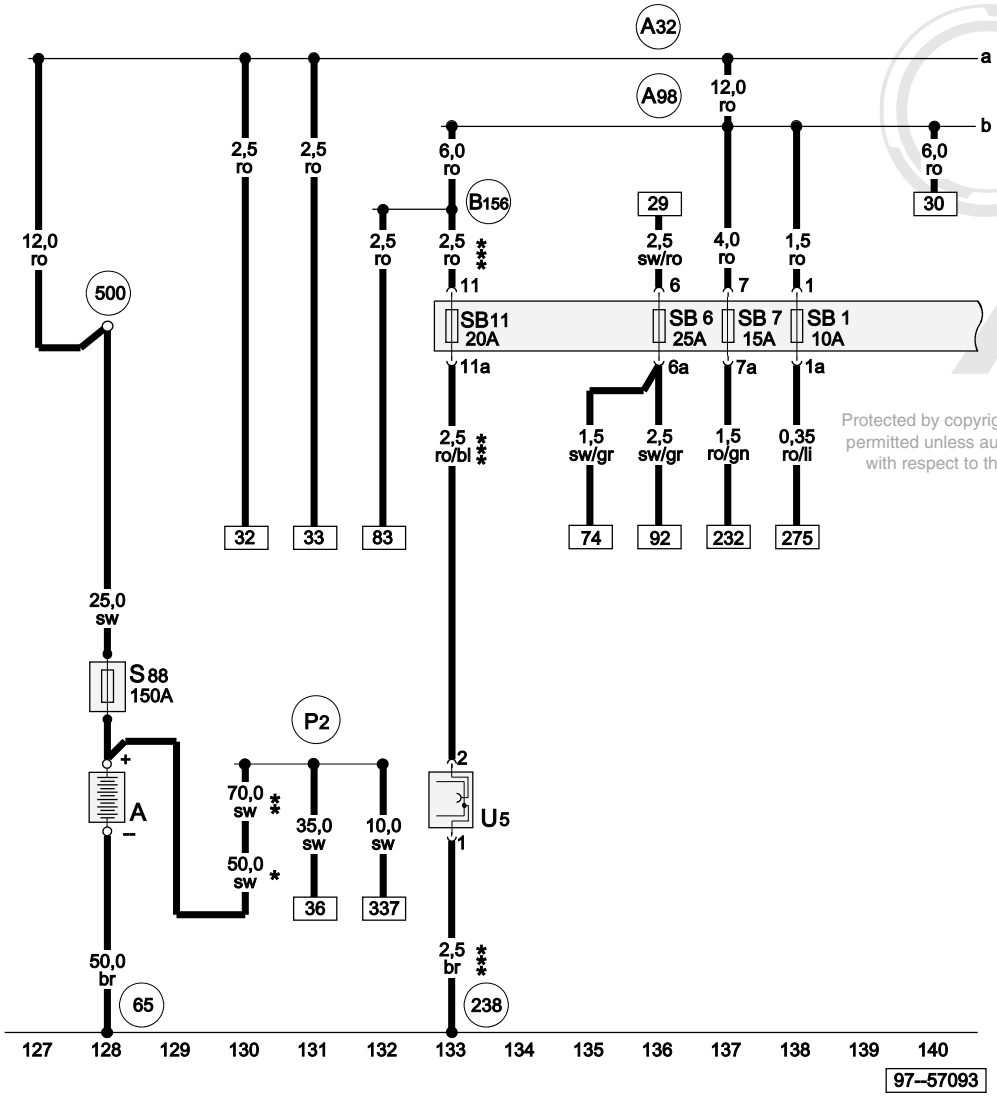
or	=	orange
rs	=	pink



Battery, fuses on fuse box, 12 V socket

A	Battery
S88	Strip fuse
SB1	Fuse -1- on fuse box
SB6	Fuse -6- on fuse box
SB7	Fuse -7- on fuse box
SB11	Fuse -11- on fuse box
U5	12 V socket
65	Earth point, left longitudinal member, rear, between B and C pillar
238	Earth connection -1-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with engine codes BAD and BBY
**	Only applies to models with engine codes AMF, ATL and BHC
***	Only applies to models with 12 V socket

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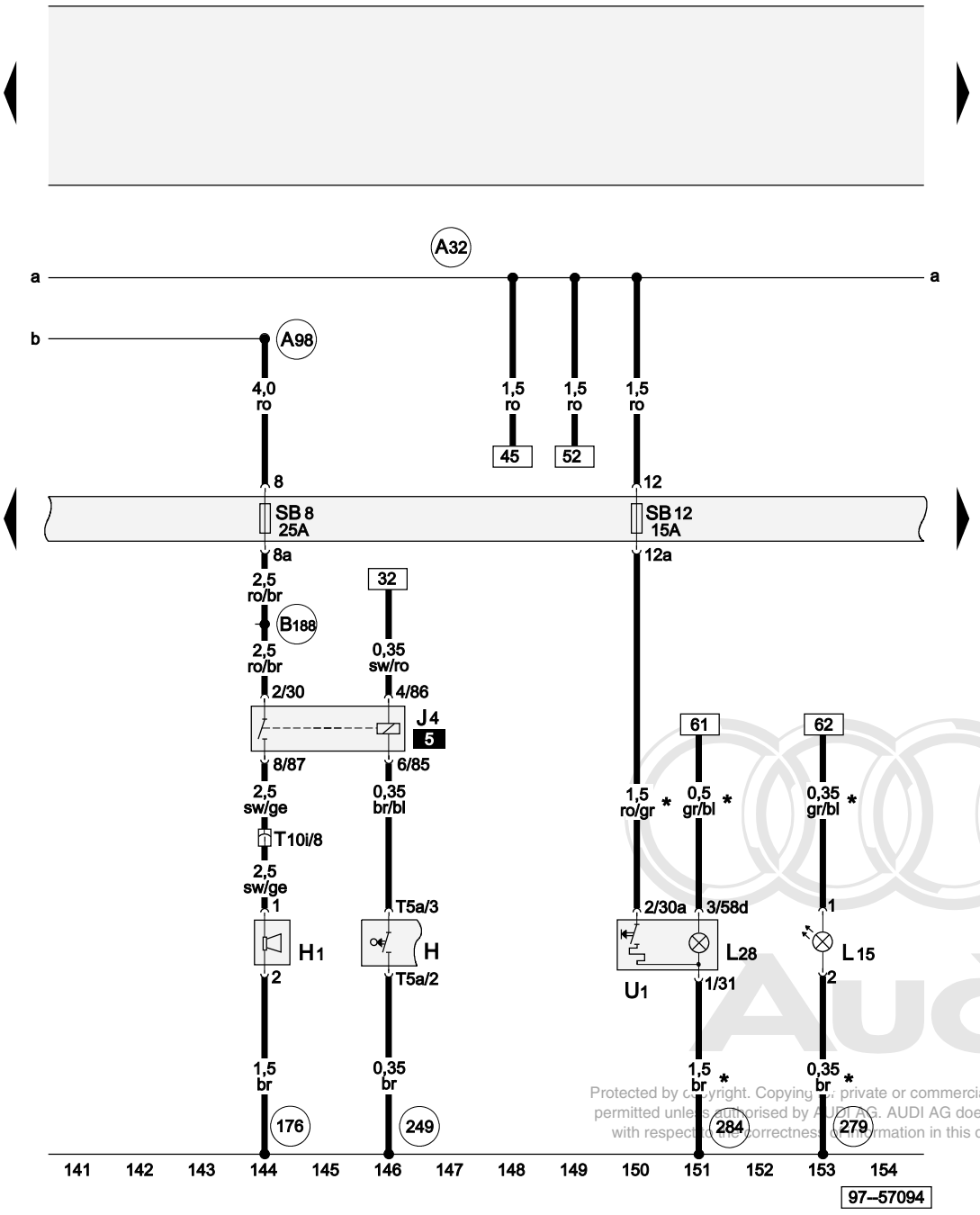

Horn plate, horn/dual tone horn, dual tone horn relay, ashtray light bulb, cigarette lighter

H	Horn plate
H1	Horn/dual tone horn
J4	Dual tone horn relay
L15	Ashtray light bulb
L28	Cigarette lighter light bulb
SB8	Fuse -8- on fuse box
SB12	Fuse -12- on fuse box
T5a	5-pin connector, yellow, behind steering column switch trim
T10i	10-pin connector, black, connector point, A pillar, right
U1	Cigarette lighter
176	Earth connection, in right headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B188	Positive (+) connection -5- (30), in interior wiring harness
*	Only applies to models with equipment for smokers

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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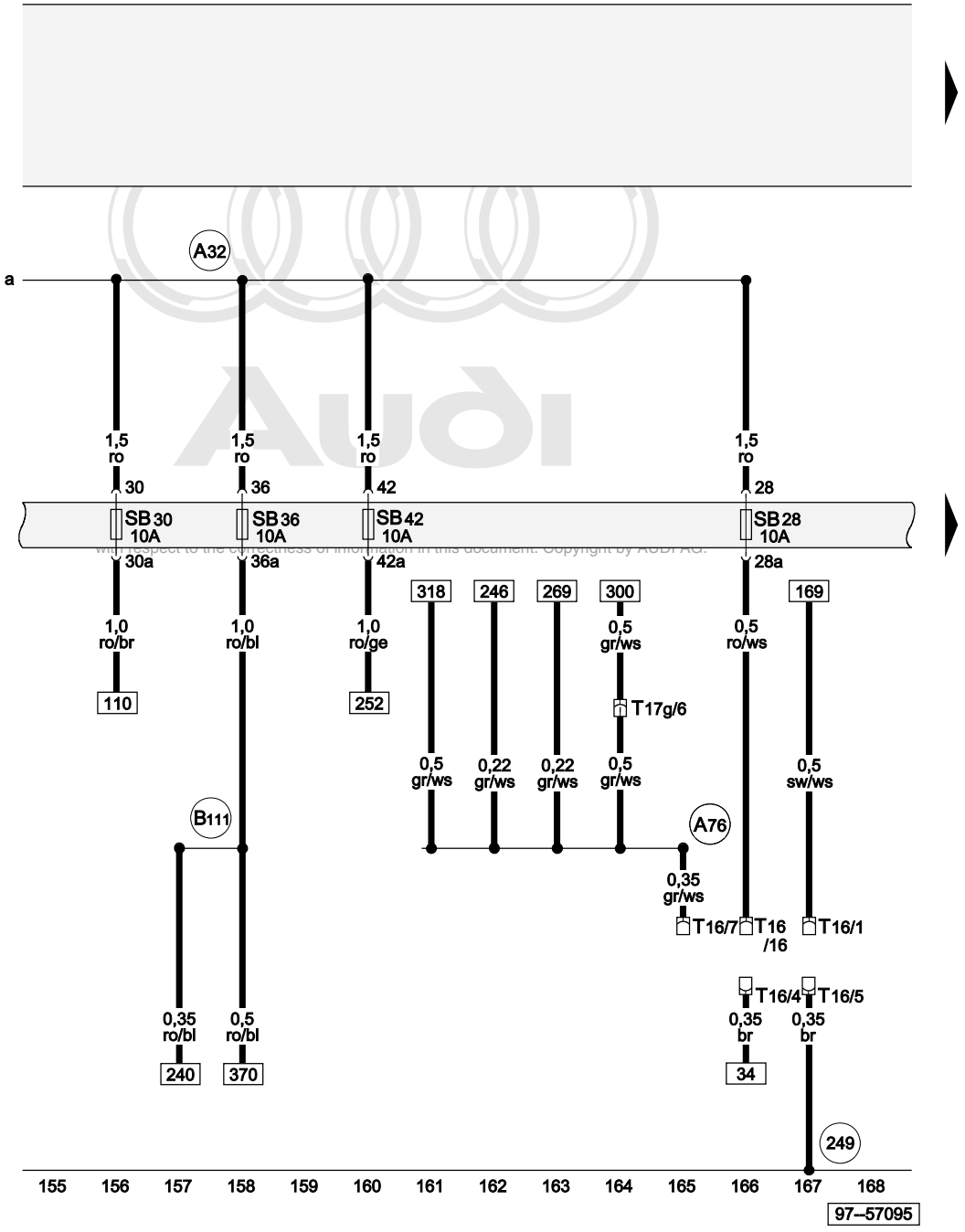
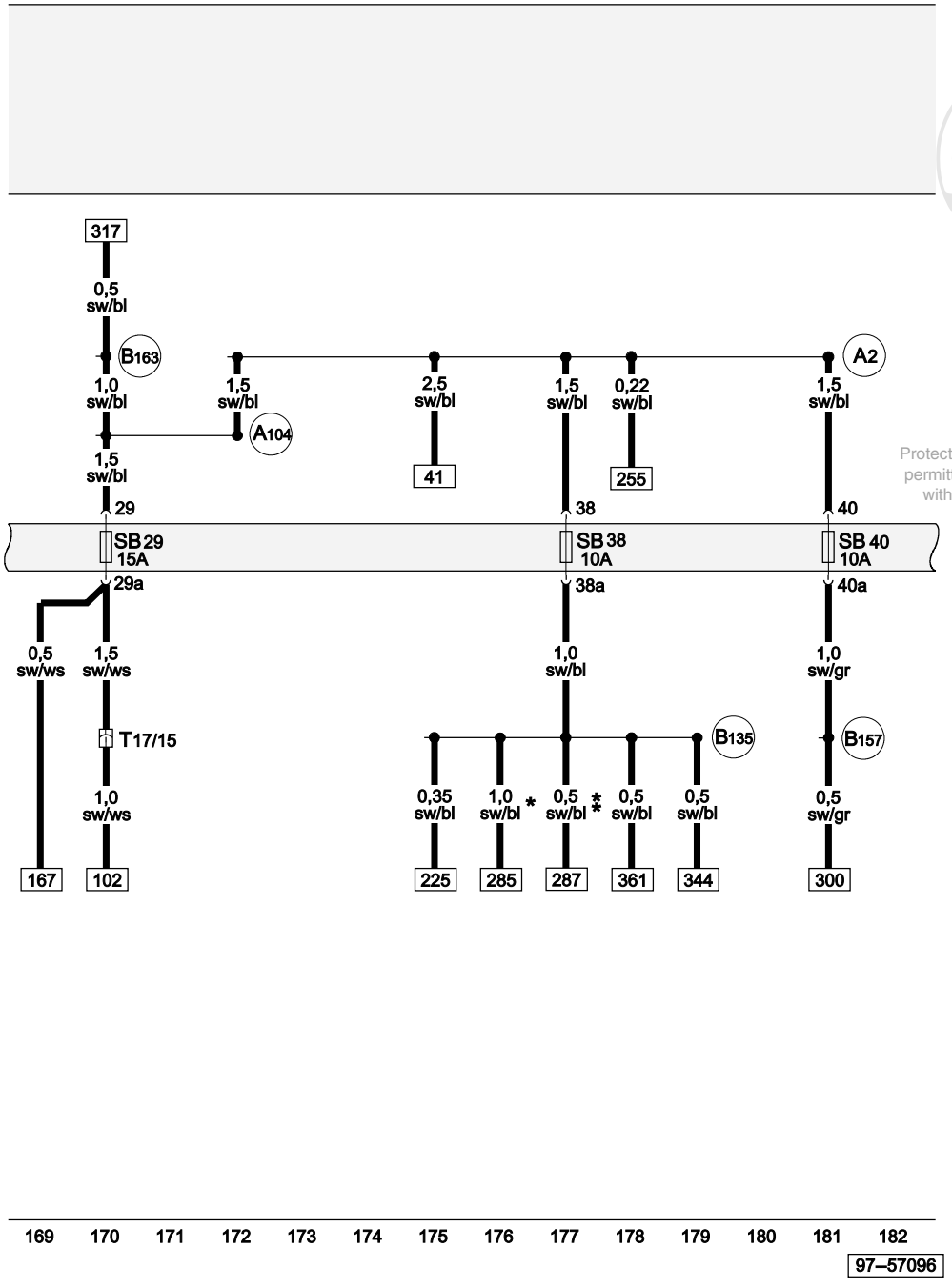


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuses on fuse box, diagnostic connector

SB28	Fuse -28- on fuse box
SB30	Fuse -30- on fuse box
SB36	Fuse -36- on fuse box
SB42	Fuse -42- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
249	Earth connection -2-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness



Fuses on fuse box

SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
SB40	Fuse -40- on fuse box
T17	17-pin connector, brown, in footwell, front left
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B157	Positive (+) connection -3- (15a), in interior wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Only applies to models with engine codes AMF, ATL, BAD and BHC
**	Only applies to models with engine code BBY

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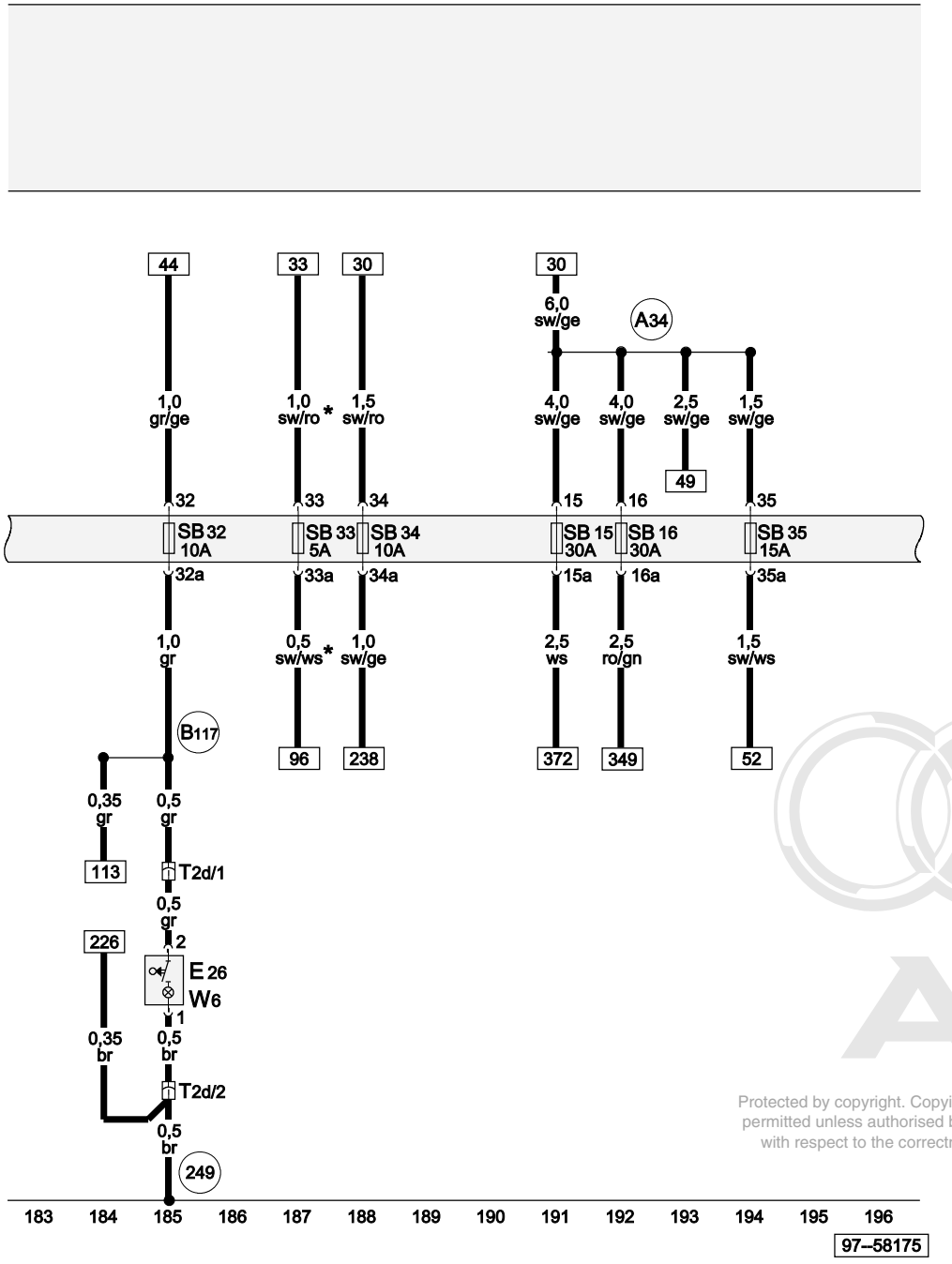

Fuses on fuse box, glove box light

E26	Glove box light switch
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB32	Fuse -32- on fuse box
SB33	Fuse -33- on fuse box
SB34	Fuse -34- on fuse box
SB35	Fuse -35- on fuse box
T2d	2-pin connector, black, near glove box
W6	Glove box light
249	Earth connection -2-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness
B117	Connection (58a, right), in interior wiring harness
*	Only applies to models with heater element for washer jet

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Twin filament bulb for right headlight, right side light bulb, front right turn signal bulb, right headlight range control motor

L2	Twin filament bulb for headlight, right
M3	Side light bulb, right
M7	Turn signal bulb, front right
M19	Side turn signal bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
176	Earth connection, in right headlight wiring harness
A51	Connection (56), in dash panel wiring harness

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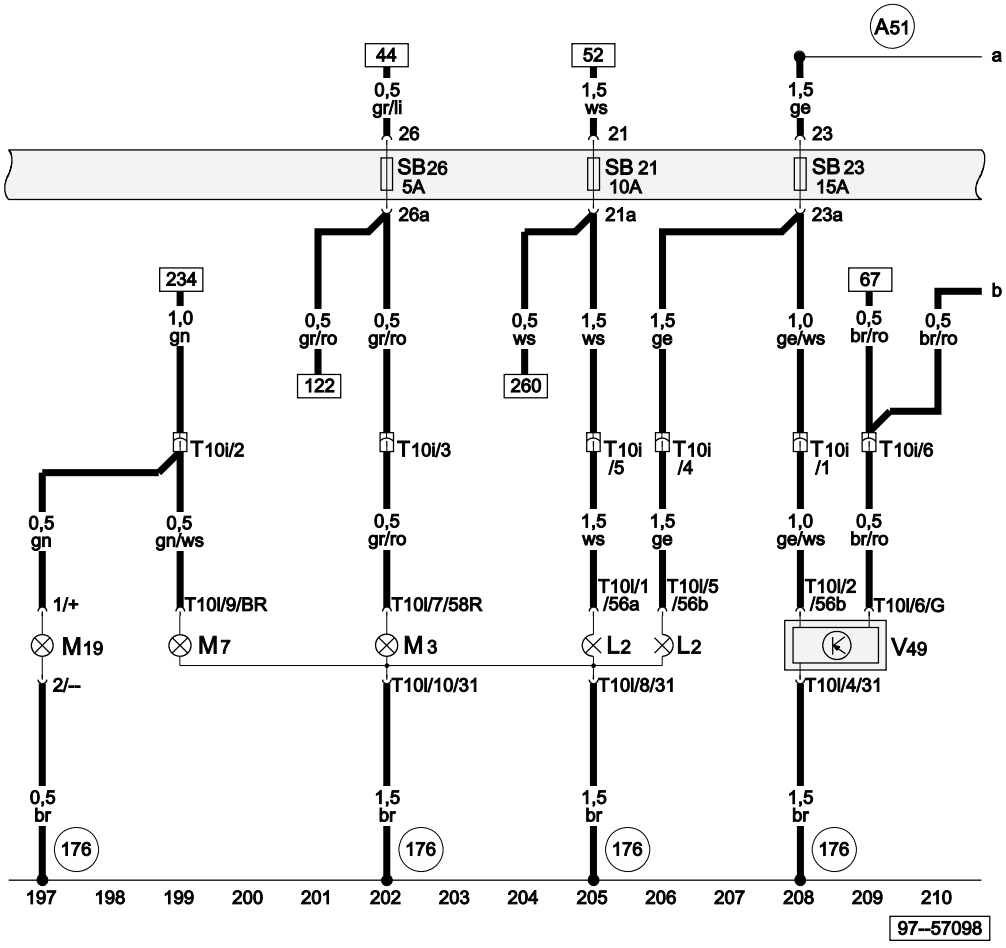

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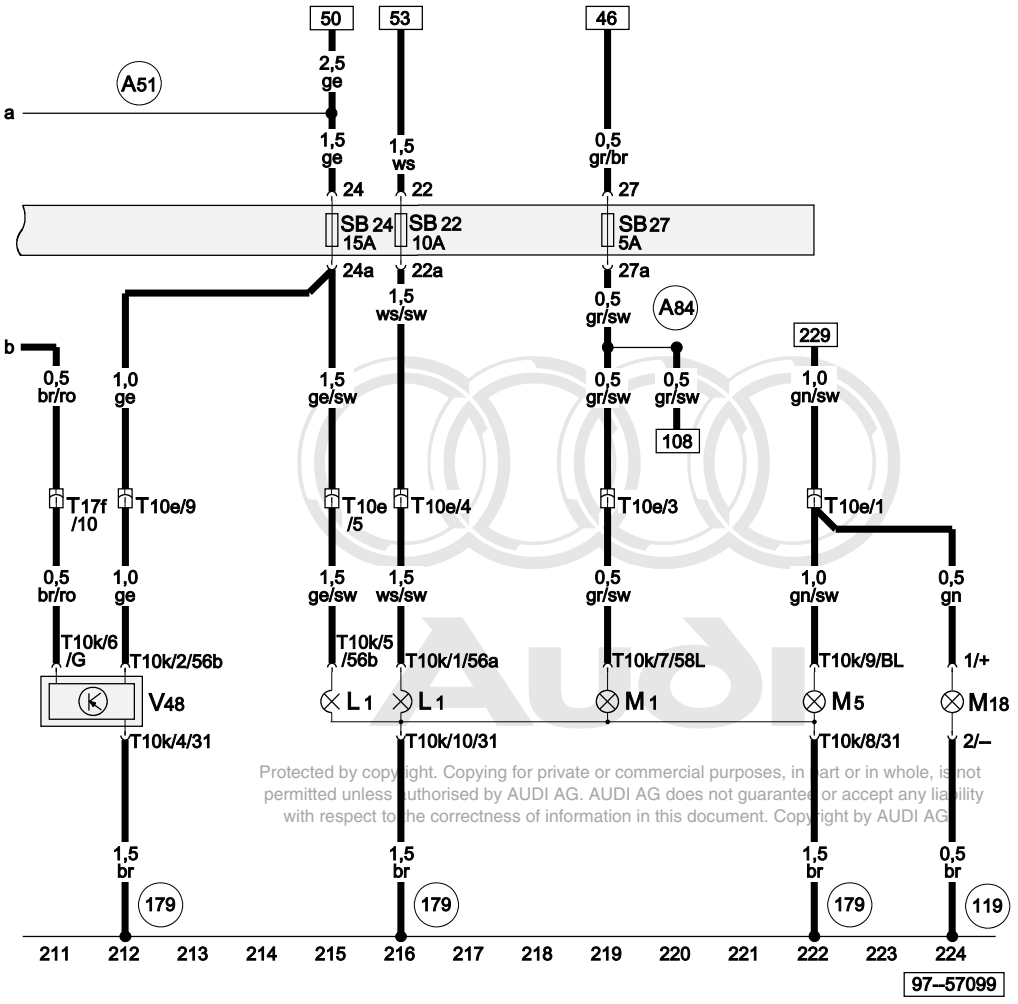

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Twin filament bulb for left headlight, left side light bulb, front left turn signal bulb, left headlight range control motor

L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M5	Turn signal bulb, front left
M18	Side turn signal bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
T17f	17-pin connector, white, connector point, A pillar, left
V48	Headlight range control motor, left
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
A51	Connection (56), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness

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Hazard warning light switch, hazard warning light relay

E3 Hazard warning light switch
J2 Hazard warning light relay

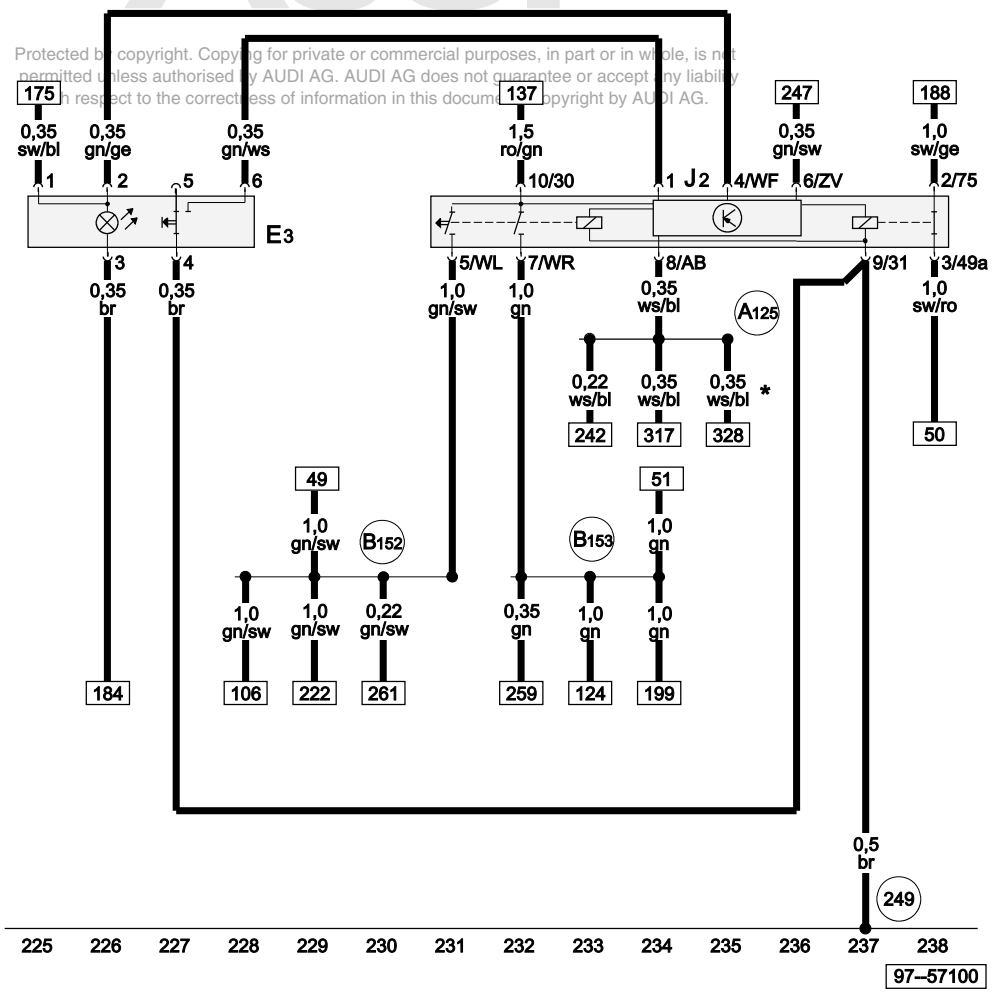
(249) Earth connection -2-, in interior wiring harness

(A125) Connection (crash signal), in dash panel wiring harness

(B152) Connection (BL (turn signal, left)), in interior wiring harness

(B153) Connection (BR (turn signal, right)), in interior wiring harness

* Only applies to models with engine code BAD



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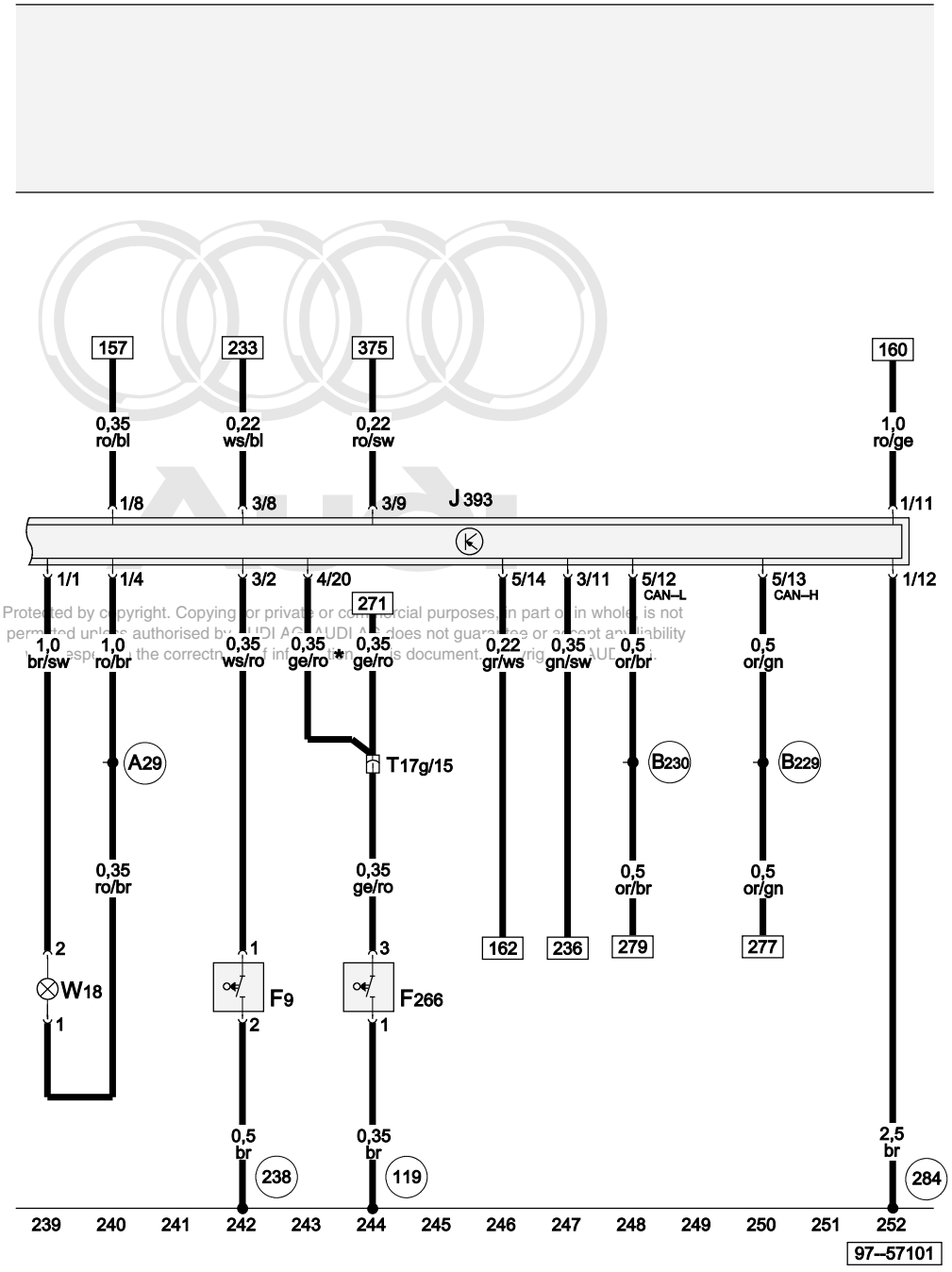

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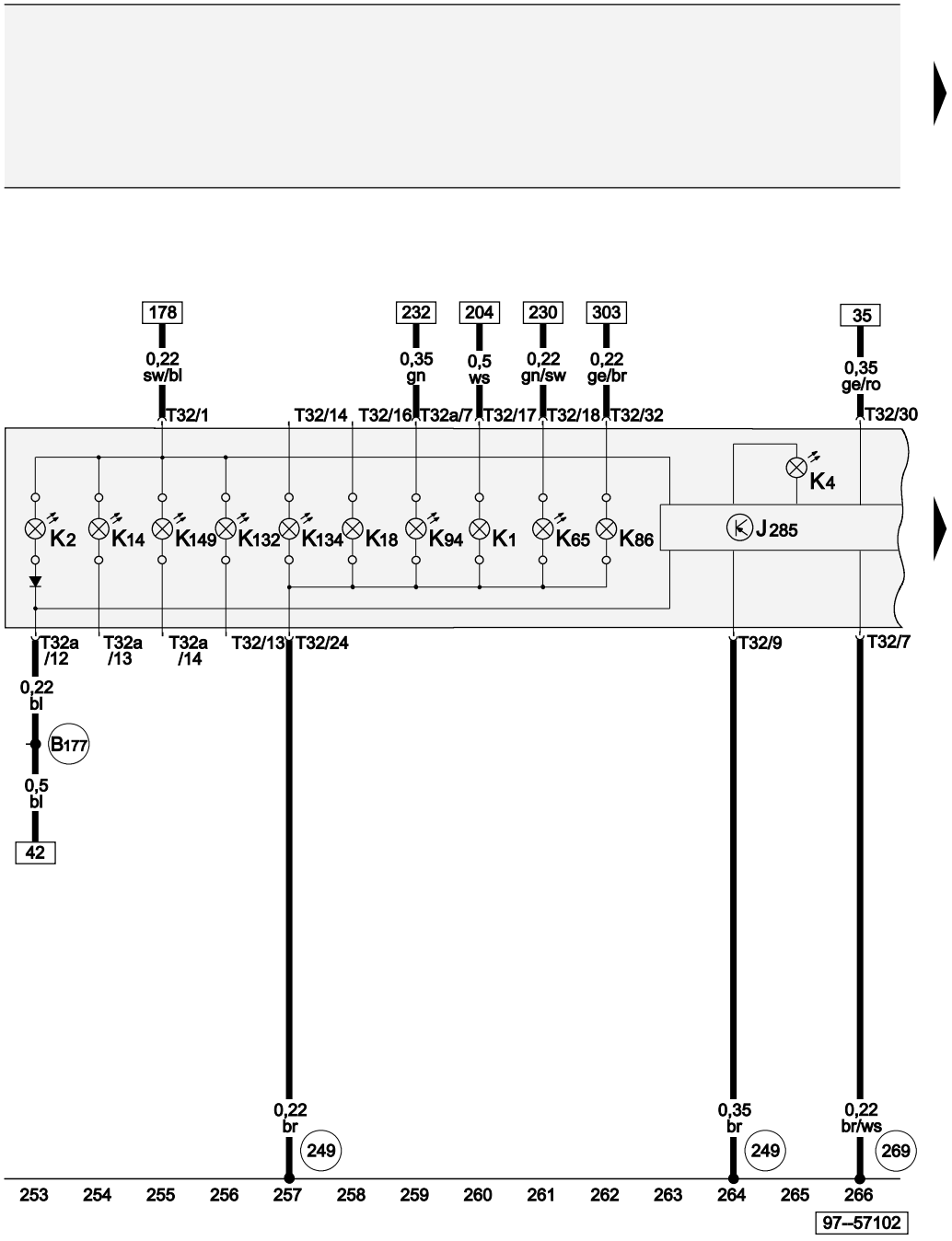
Handbrake warning switch, bonnet contact switch, convenience system central control unit, luggage compartment light, left

F9	Handbrake warning switch
F266	Bonnet contact switch
J393	Convenience system central control unit
W18	Luggage compartment light, left
T17g	17-pin connector, red, connector point, A pillar, left
119	Earth connection -1-, in headlight wiring harness
238	Earth connection -1-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A29	Connection (interior light), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with anti-theft alarm system



Control unit with display in dash panel insert, warning lamps

J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light 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
K132	Electronic power control fault lamp
K134	Self-levelling suspension warning lamp
K149	Engine electronics warning lamp
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
249	Earth connection -2-, in interior wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B177	Connection (61), in interior wiring harness

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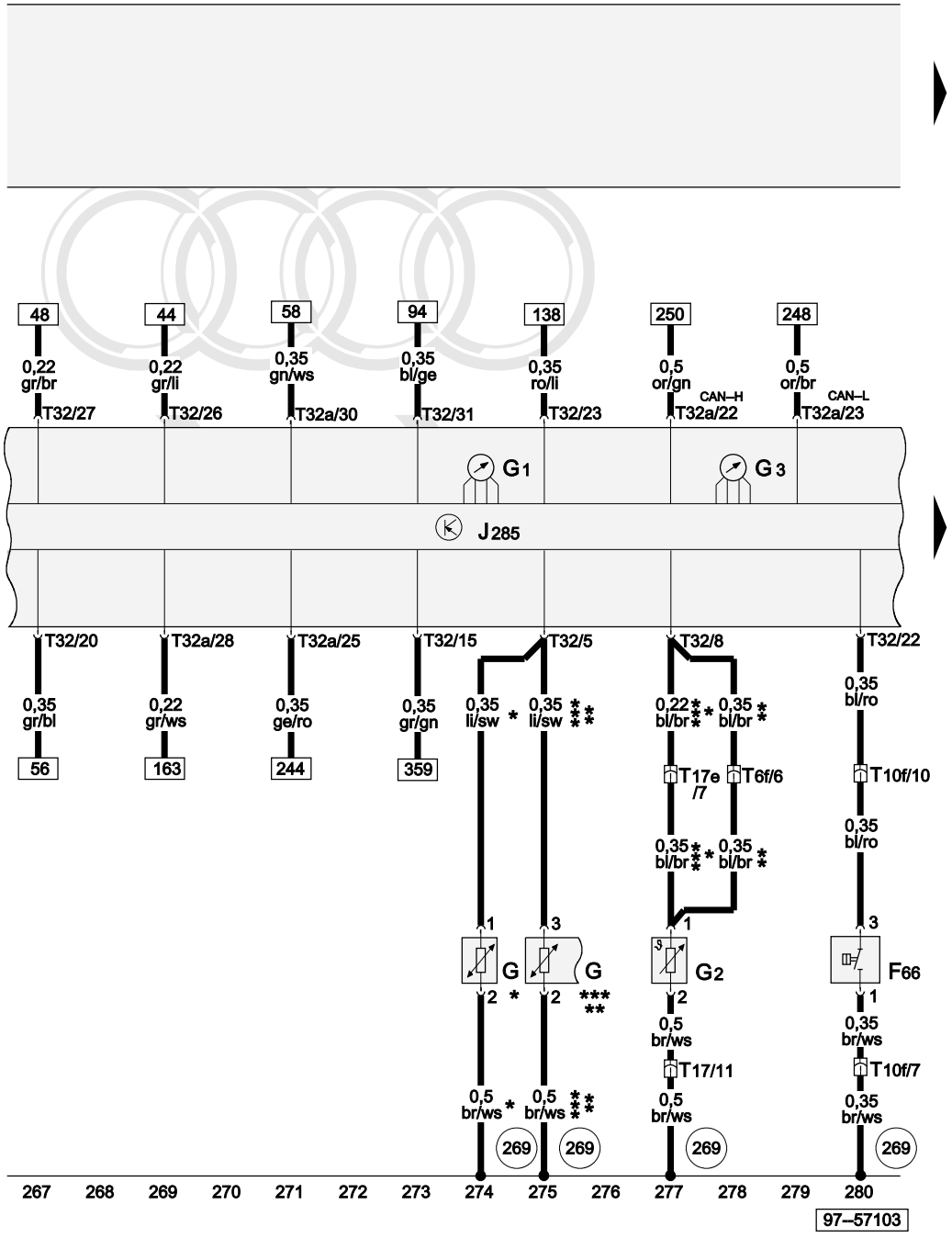

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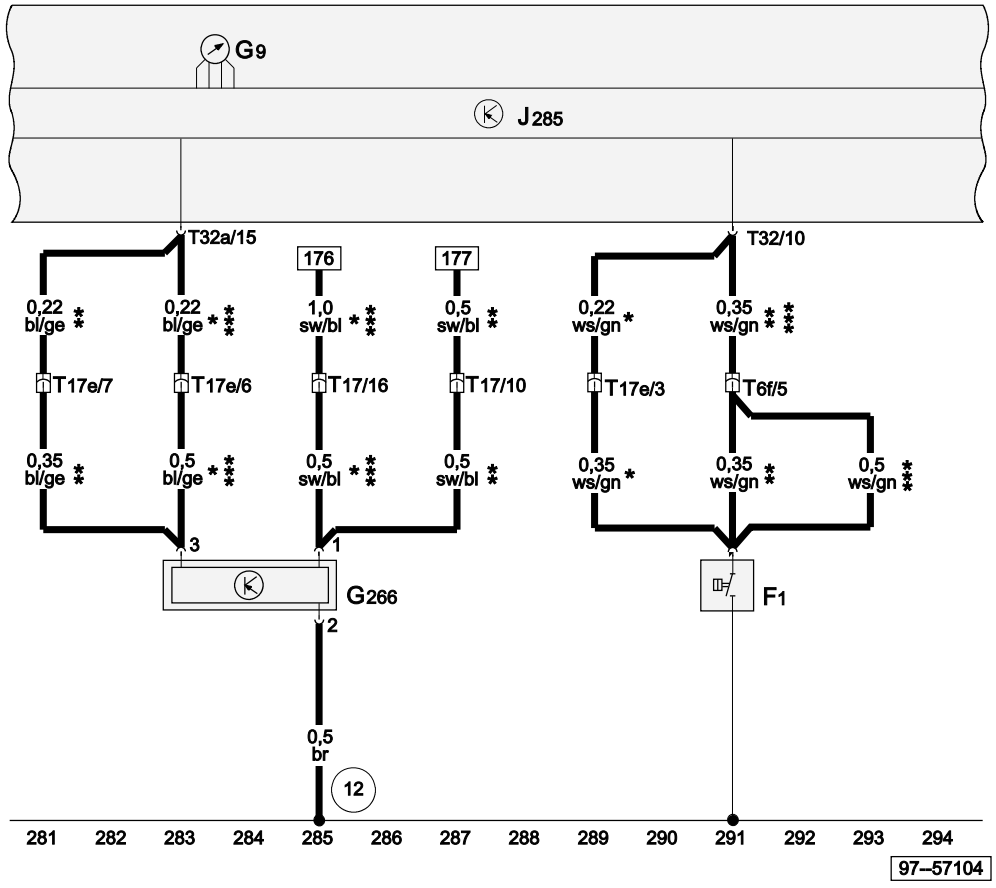
Control unit with display in dash panel insert, fuel gauge sender, coolant temperature sender

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature sender
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
T6f	6-pin connector, green, in footwell, front left
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
*	Only applies to models with engine codes AMF, ATL and BHC
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD



Control unit with display in dash panel insert, oil pressure switch, oil temperature gauge, oil level/oil temperature sender

F1	Oil pressure switch
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
(12)	Earth point, in engine compartment, left
*	Only applies to models with engine codes AMF, ATL and BHC
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD

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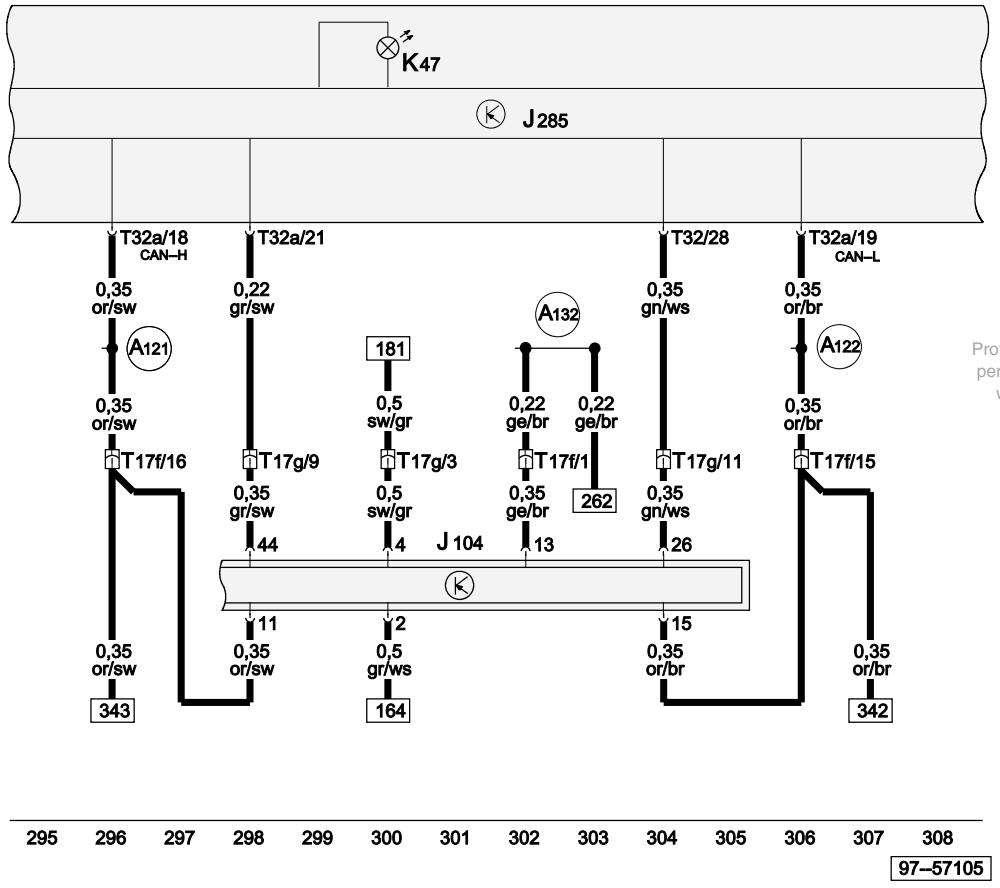

Control unit with display in dash panel insert, ABS with EDL control unit, ABS warning lamp

J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K47	ABS warning lamp
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
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
A132	Connection (TCS/ESP), in dash panel wiring harness

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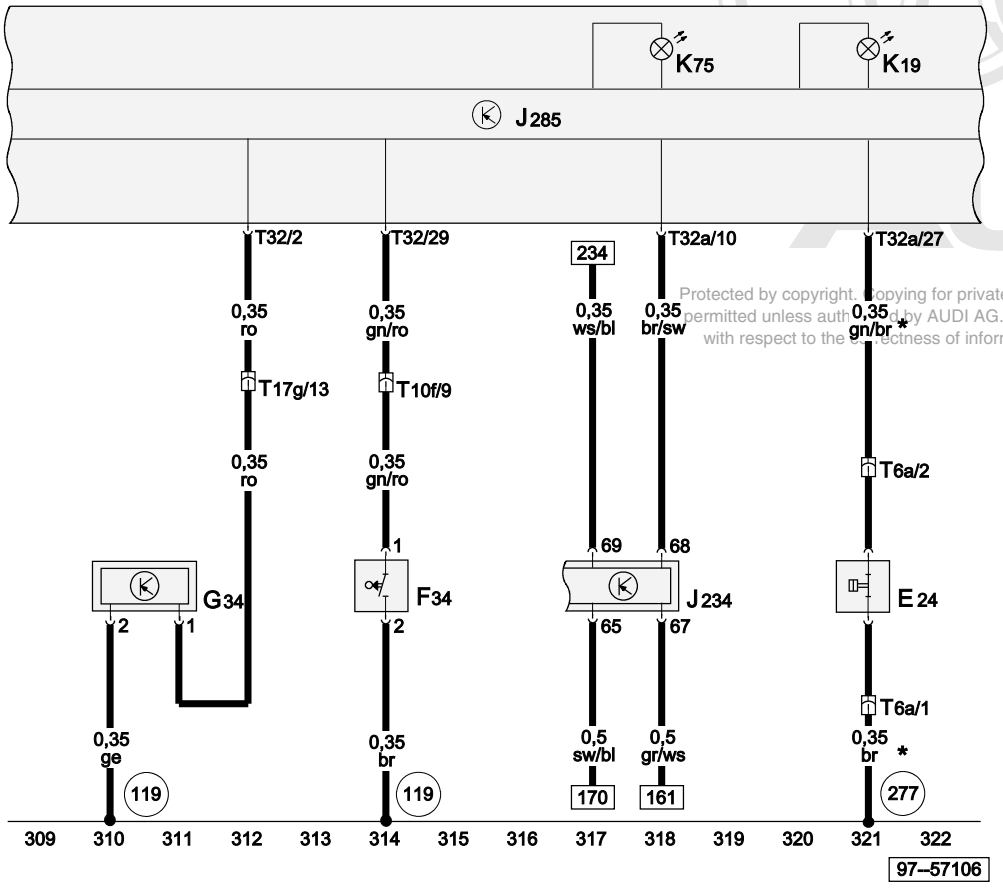
Belt switch (driver's side), brake fluid level warning contact, brake lining/pad wear sender, front left

E24	Belt switch, driver's side
F34	Brake fluid level warning contact
G34	Brake lining/pad wear sender, front left
J234	Airbag control unit
J285	Control unit with display in dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T6a	6-pin connector, red, under driver's seat
T10f	10-pin connector, blue, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
119	Earth connection -1-, in headlight wiring harness
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with seat belt warning system



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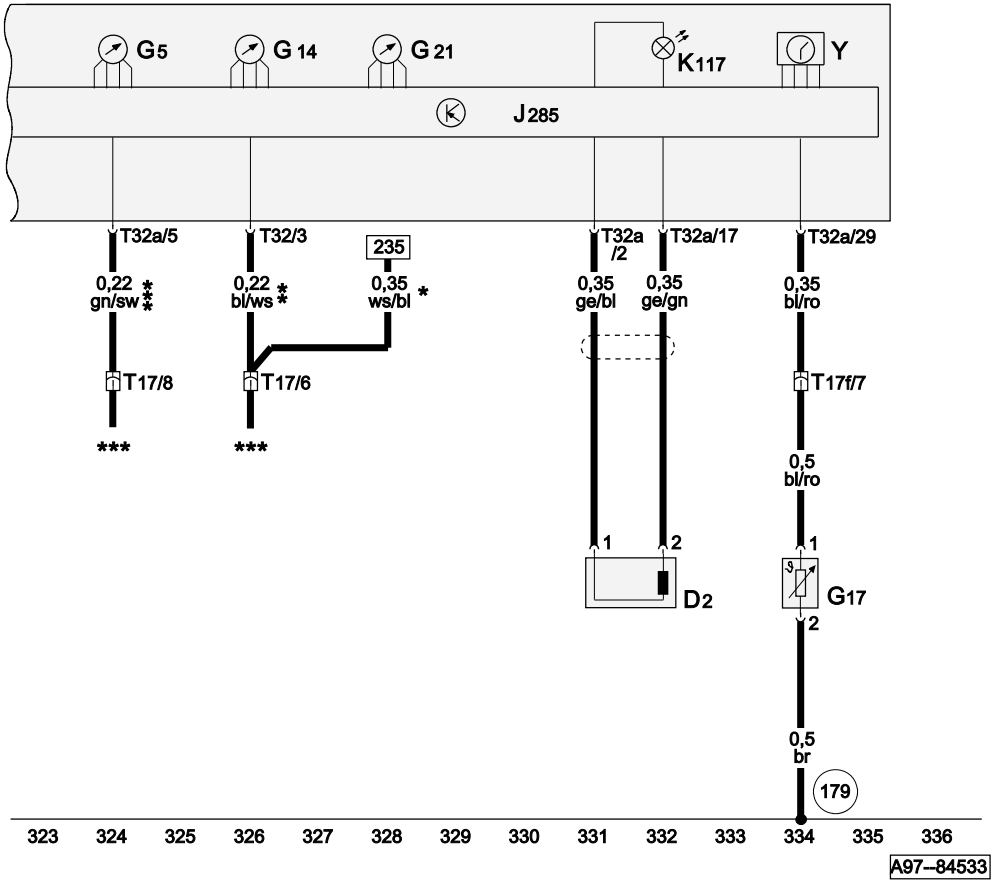

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Control unit with display in dash panel insert, immobilizer reading coil, ambient temperature sensor

D2	Immobilizer reading coil
G5	Rev. counter
G14	Voltmeter
G17	Ambient temperature sensor
G21	Speedometer
J285	Control unit with display in dash panel insert
K117	Immobilizer warning lamp
T17	17-pin connector, brown, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Y	Analogue clock
179	Earth connection, in left headlight wiring harness
*	Only applies to models with engine code BAD
**	Only applies to models with engine codes AMF, ATL, BBY and BHC
***	⇒ Applicable engine Current Flow Diagram

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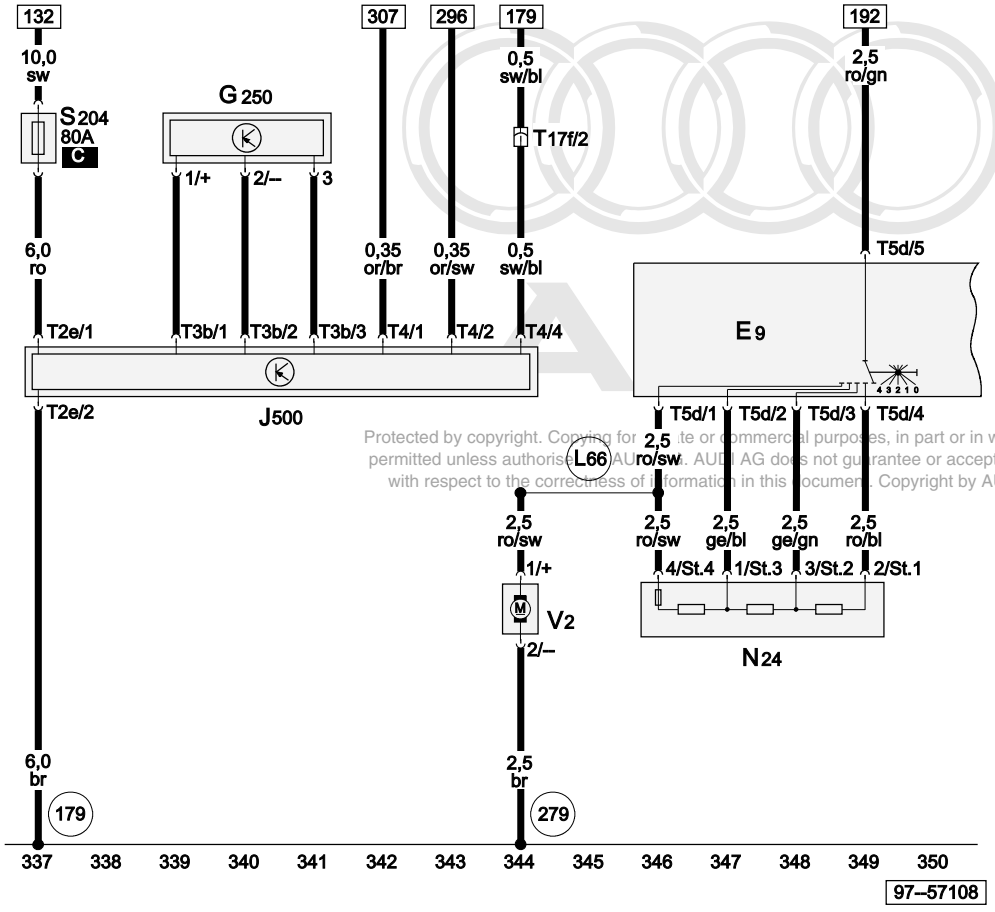
Fresh air blower switch, power steering sensor, power steering control unit, fresh air blower with overheating fuse series resistor

E9	Fresh air blower switch
G250	Power steering sensor
J500	Power steering control unit
N24	Fresh air blower with overheating fuse series resistor
S204	Fuse -1- (30)
T2e	2-pin connector, black, on power steering control unit
T3b	3-pin connector, on power steering control unit
T4	4-pin connector, black, on power steering control unit
T5d	5-pin connector, black, on heater controls
T17f	17-pin connector, white, connector point, A pillar, left
V2	Fresh air blower
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
L66	Connection, in heater blower wiring harness



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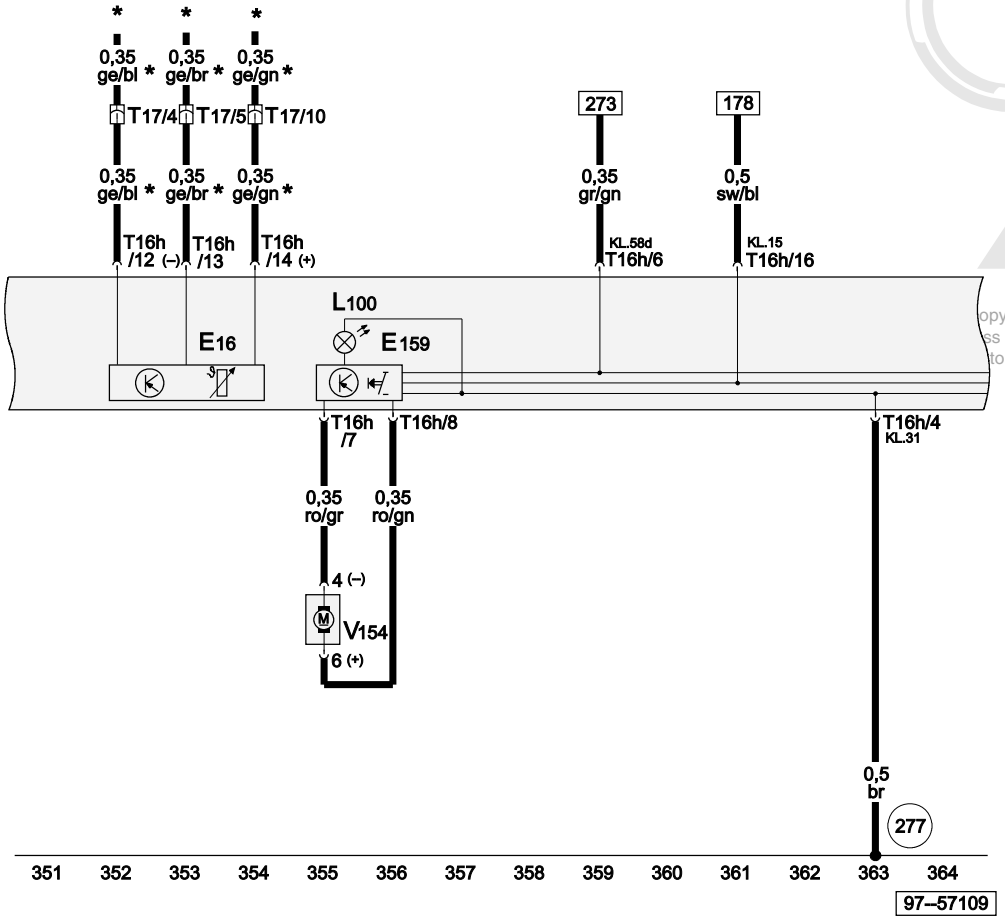
Heater/heat output switch, fresh air/air recirculating flap switch

E16	Heater/heat output switch
E159	Fresh air/air recirculating flap switch
L100	Fresh air/air recirculating flap switch illumination
T16h	16-pin connector, black, on heater controls
T17	17-pin connector, brown, in footwell, front left
V154	Fresh air/air recirculating flap control motor
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with engine code BAD



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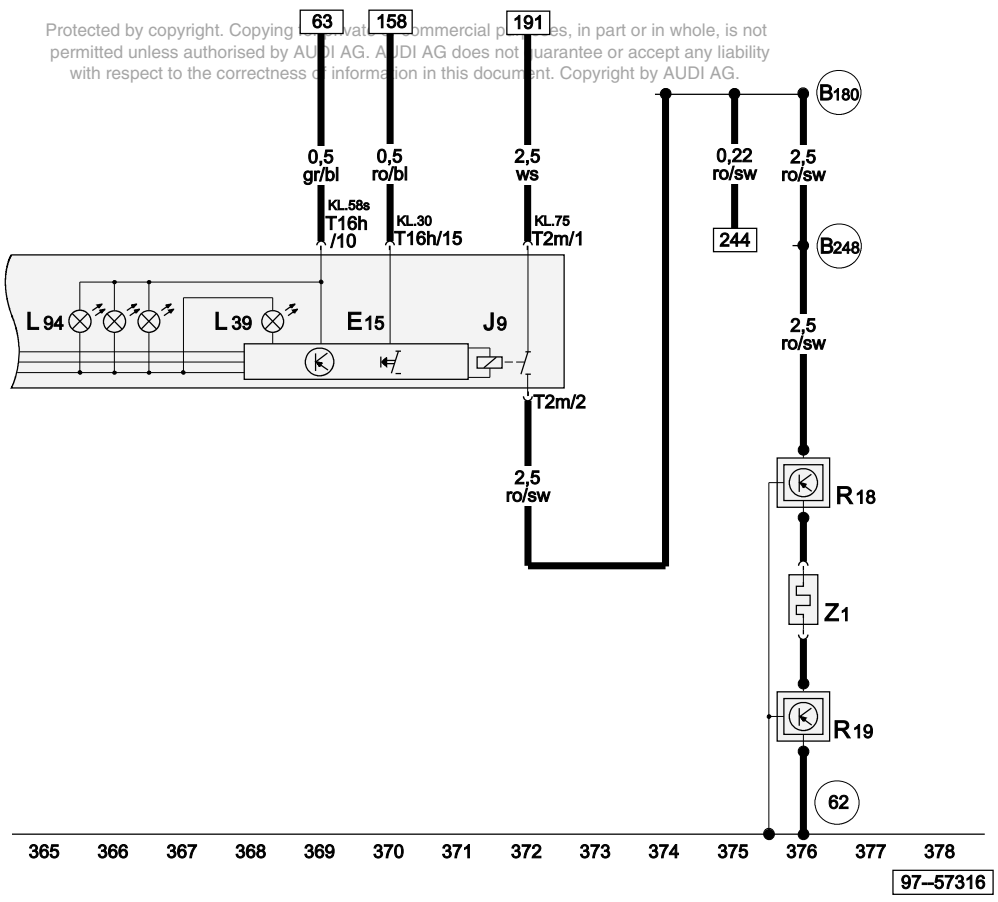

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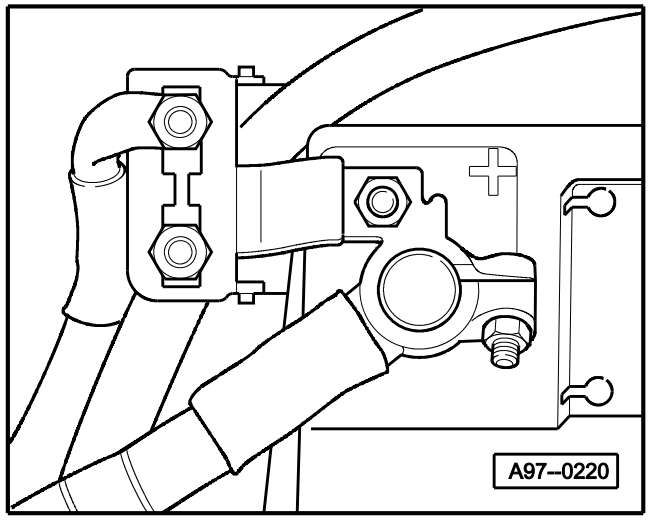
Heated rear window switch, heated rear window relay, heated rear window

E15	Heated rear window switch
J9	Heated rear window relay
L39	Heated rear window switch illumination bulb
L94	Heater switch illumination
R18	Frequency switch, left
R19	Frequency switch, right
T2m	2-pin connector, black, on heater controls
T16h	16-pin connector, black, on heater controls
Z1	Heated rear window
62	Earth point, right C pillar
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

Fog lights

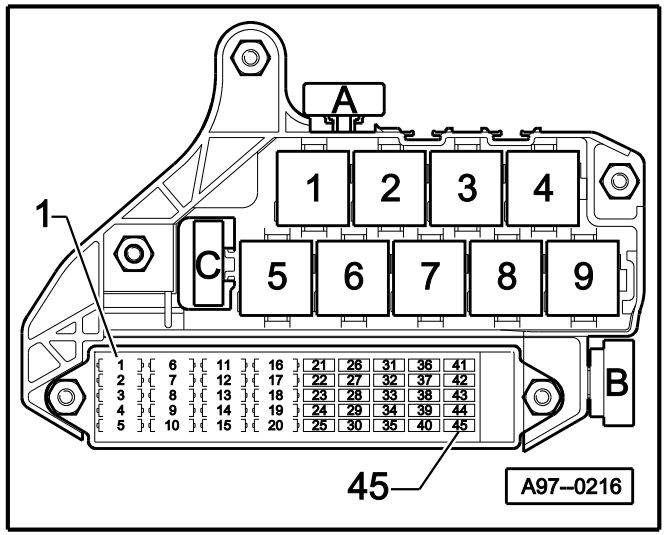
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

9 - X contact relief relay (J59)

Fuse colours

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

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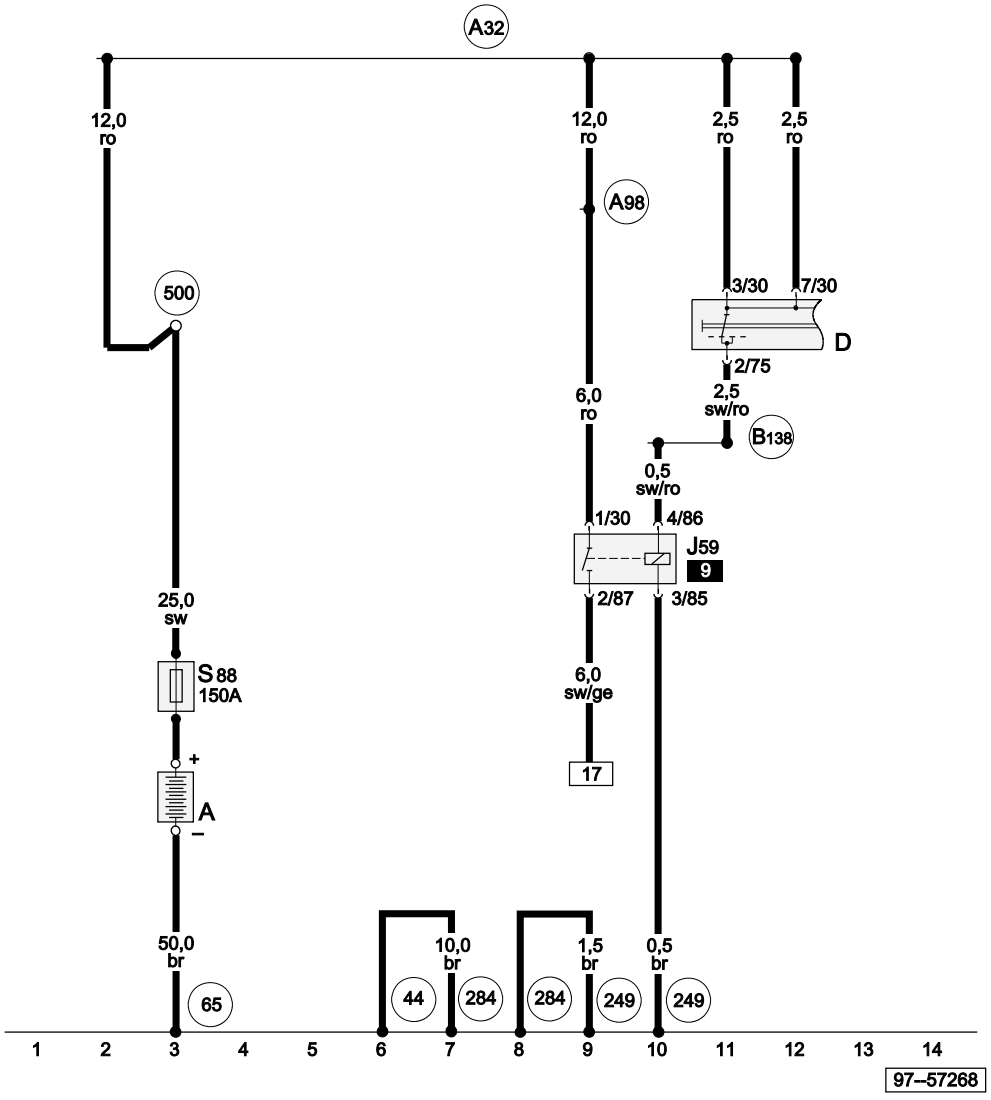

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Battery, ignition/starter switch, X contact relief relay

A	Battery
D	Ignition/starter switch
J59	X contact relief relay
S88	Strip fuse
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness

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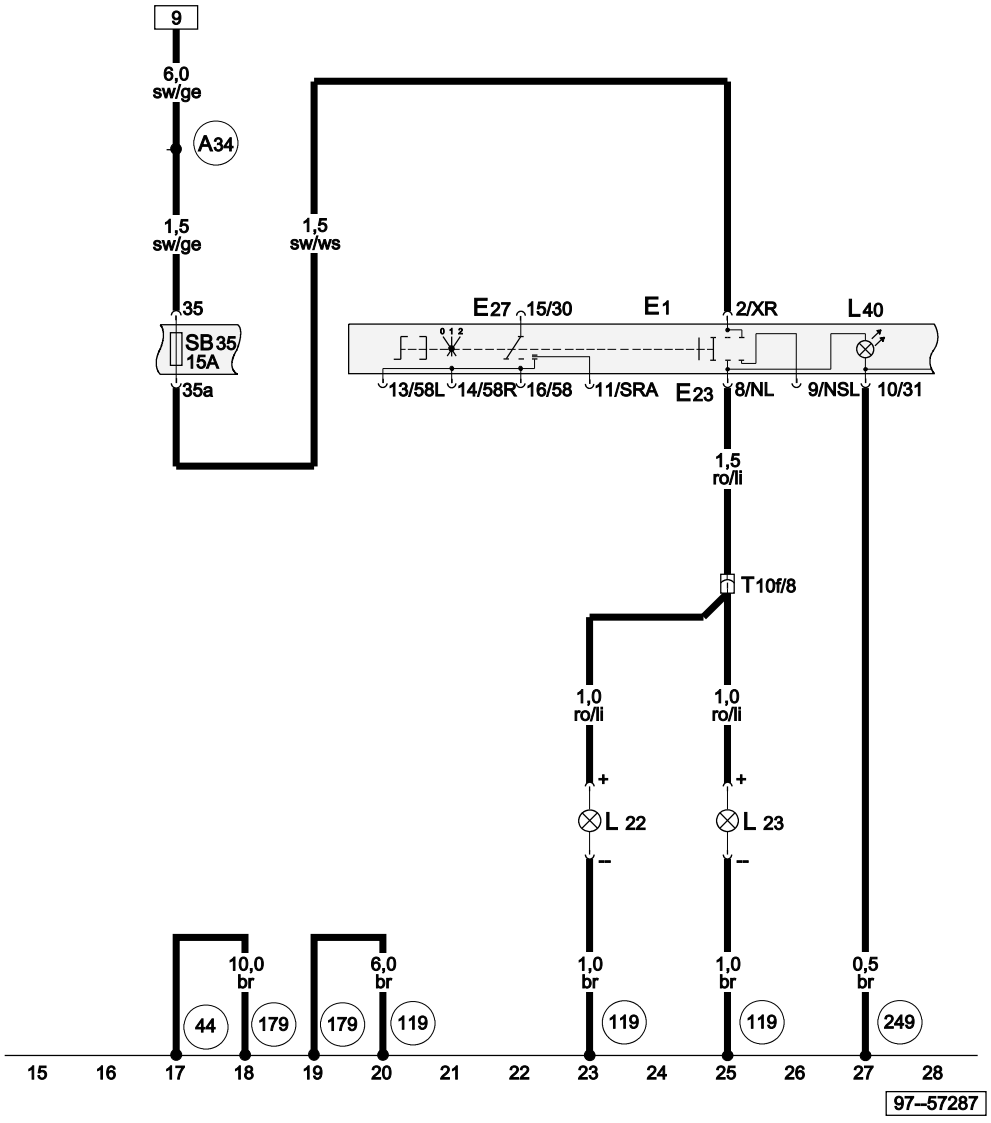

Lighting switch, front and rear fog light switch, fog light bulbs

E1	Lighting switch
E23	Front and rear fog light switch
E27	Side light switch
L22	Fog light bulb, left
L23	Fog light bulb, right
L40	Front and rear fog light switch illumination bulb
SB35	Fuse -35- on fuse box
T10f	10-pin connector, blue, connector point, A pillar, left
44	Earth point, lower part of left A pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness

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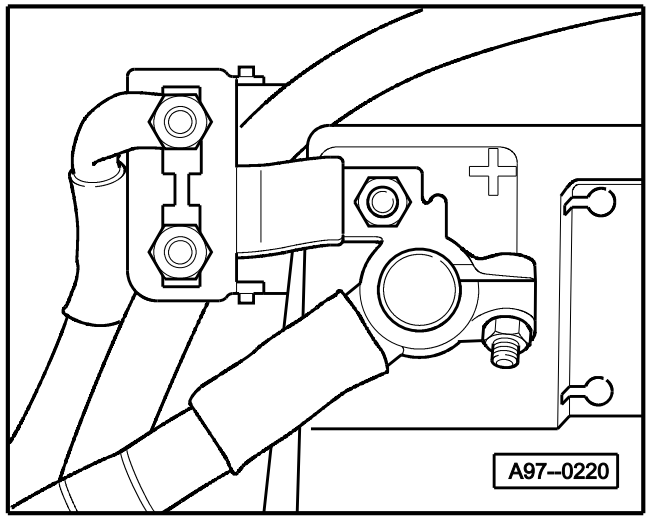
Basic equipment for 1.2 litre TDI, engine code ANY

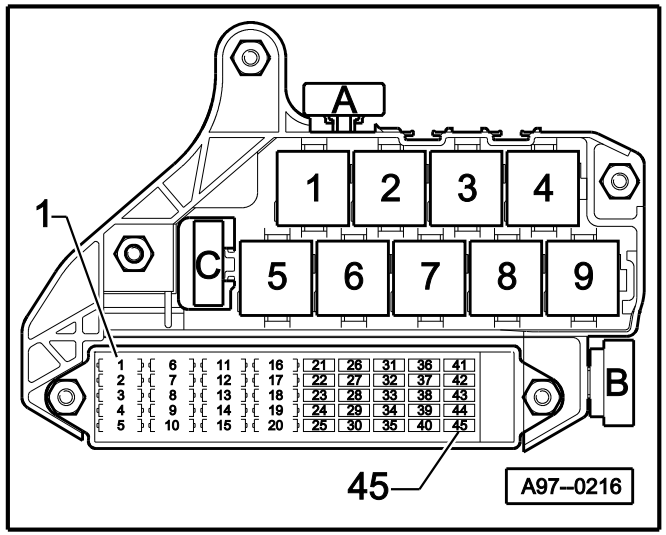
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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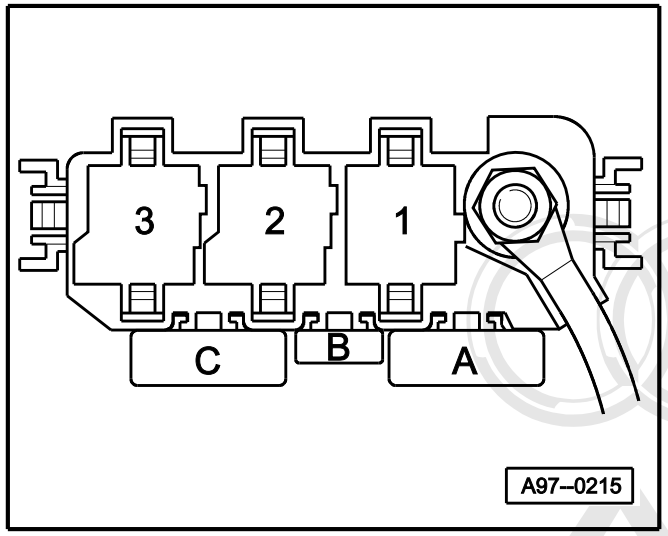
♦ In dash panel, driver's side

1 - Consumer switch-off relay (J511)
5 - Dual tone horn relay (J4)
9 - X contact relief relay (J59)

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

C - Fuse -1- (30) (power steering) (S204)

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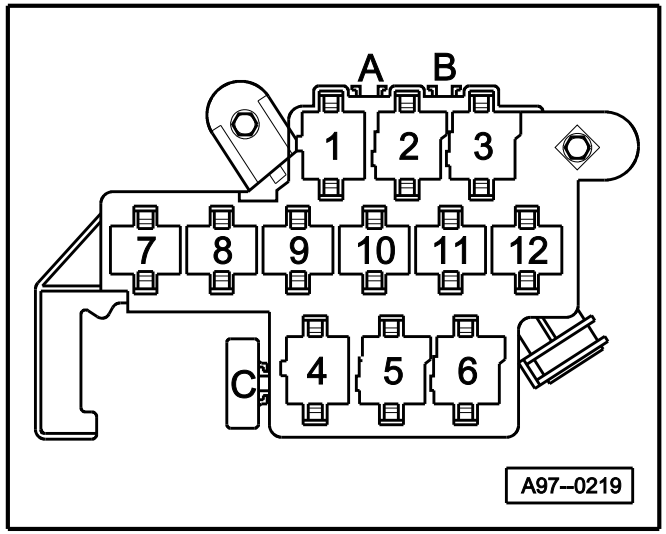
6+6-point relay carrier



◆ In footwell, front left

1 - Starter inhibitor and reversing light relay (J226)
2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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Earth connections

- 43 Earth point, lower part of right A pillar
- 44 Earth point, lower part of left A pillar
- 52 Earth point, in rear lid, left
- 61 Earth point, left C pillar
- 98 Earth connection, in rear lid wiring harness
- 119 Earth connection -1-, in headlight wiring harness
- 176 Earth connection, in right headlight wiring harness
- 179 Earth connection, in left headlight wiring harness
- 238 Earth connection -1-, in interior wiring harness

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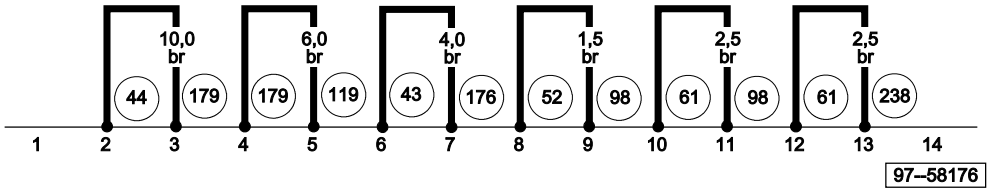

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Earth connections

T17 17-pin connector, brown, in footwell, front left

12 Earth point, in engine compartment, left

44 Earth point, A pillar, bottom left

249 Earth connection -2-, in interior wiring harness

277 Earth connection -3-, in interior wiring harness

279 Earth connection -5-, in interior wiring harness

284 Earth connection -6-, in interior wiring harness

285 Earth connection 7, in interior wiring harness

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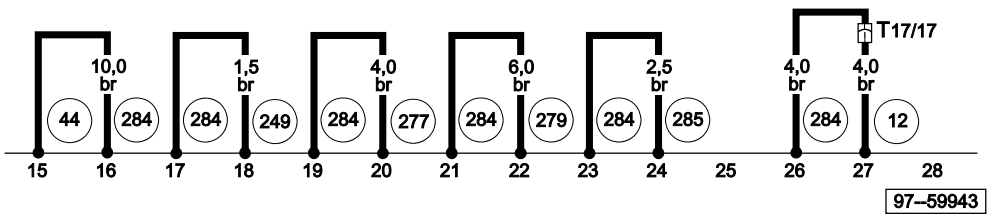

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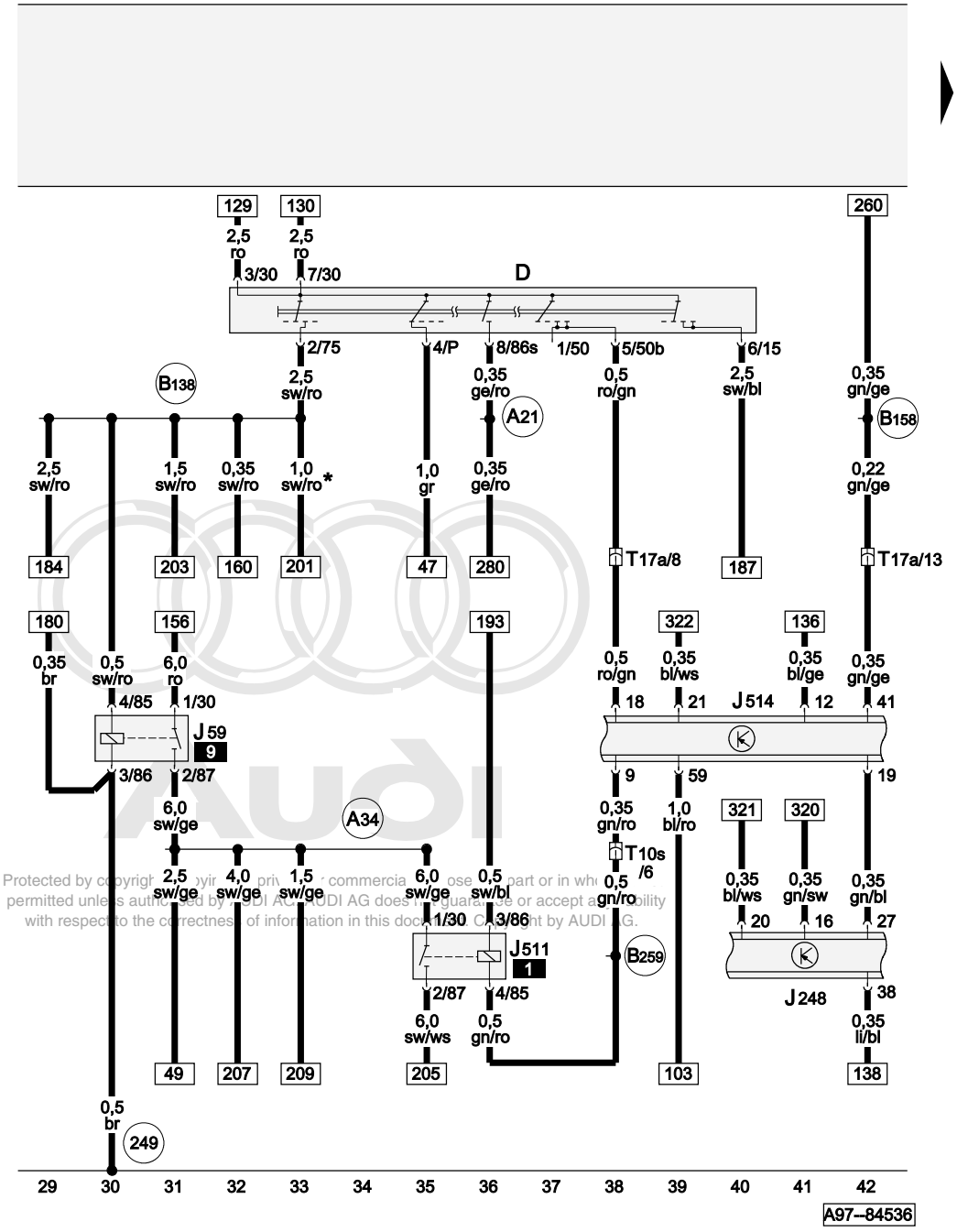

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Ignition/starter switch, X contact relief relay, consumer switch-off relay

D	Ignition/starter switch
J59	X contact relief relay
J248	Diesel direct injection system control unit
J511	Consumer switch-off relay
J514	Electronic manual gearbox control unit
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
249	Earth connection -2-, in interior wiring harness
A21	Connection (86s), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B158	Connection (S), in interior wiring harness
B259	Connection (start/stop signal), in interior wiring harness
*	Only applies to models with heater element for washer jet

ws	=	white
sw	=	black
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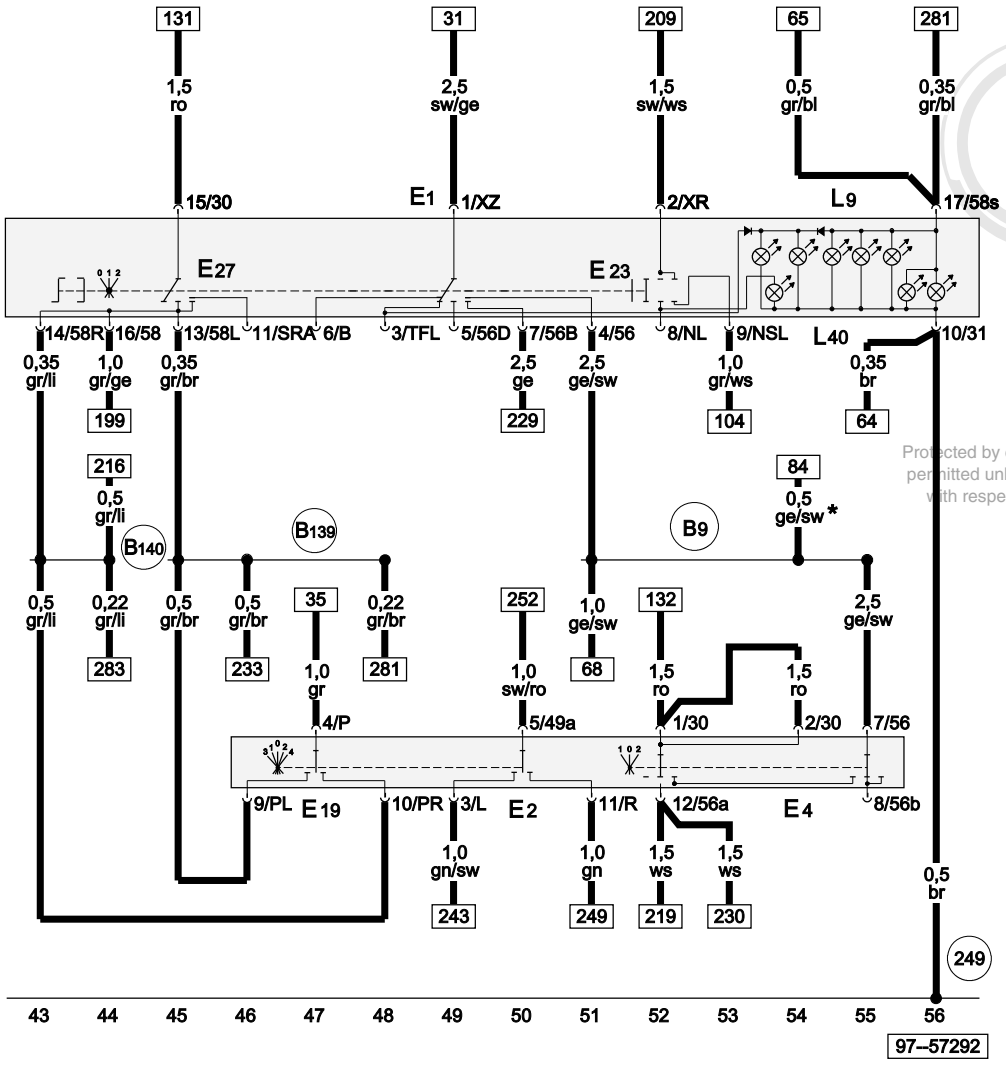

Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, front and rear fog light switch

E1	Lighting switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E23	Front and rear fog light switch
E27	Side light switch
L9	Lighting switch light bulb
L40	Front and rear fog light switch illumination bulb
249	Earth connection -2-, in interior wiring harness
B9	Connection (56), in steering column switch wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
*	Only applies to models with headlight washer system

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rs	=	pink

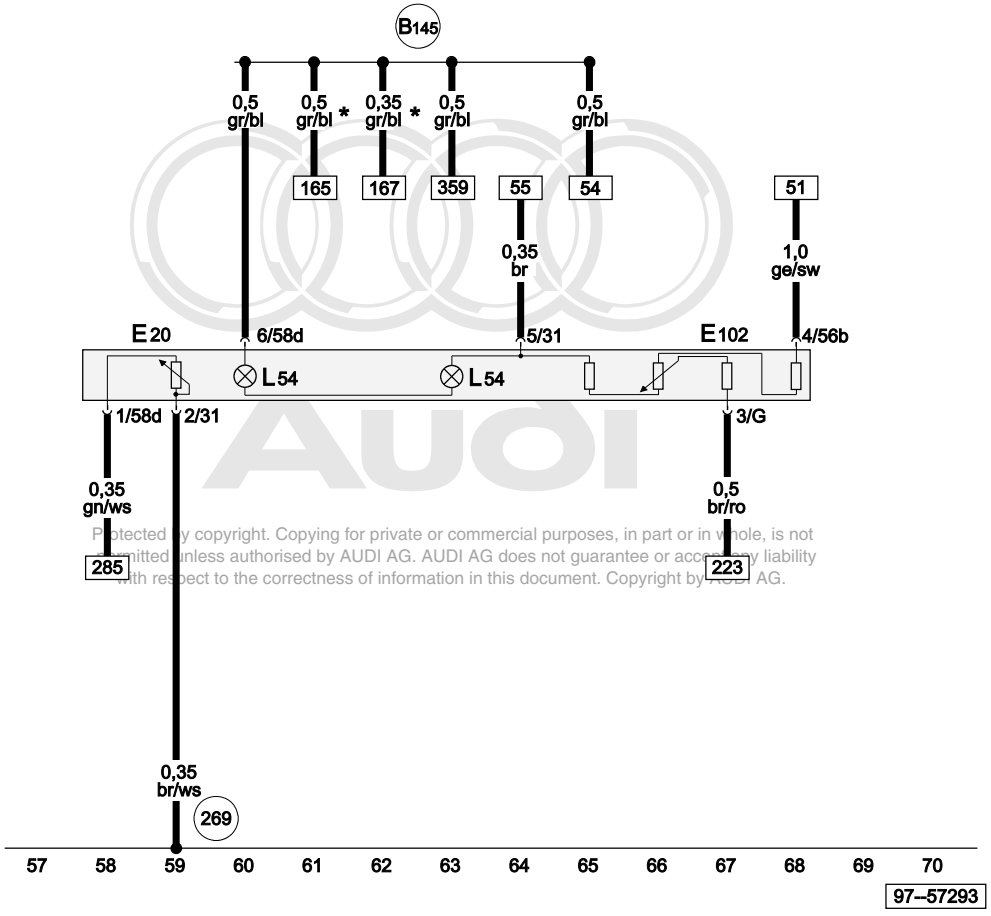
Switches and instruments light regulator, headlight range control adjuster

E20 Switches and instruments light regulator
E102 Headlight range control adjuster
L54 Headlight range control adjuster light bulb

269 Earth connection (sender earth) -1-, in dash panel wiring harness

B145 Positive (+) connection (58b), in interior wiring harness

* Only applies to models with equipment for smokers



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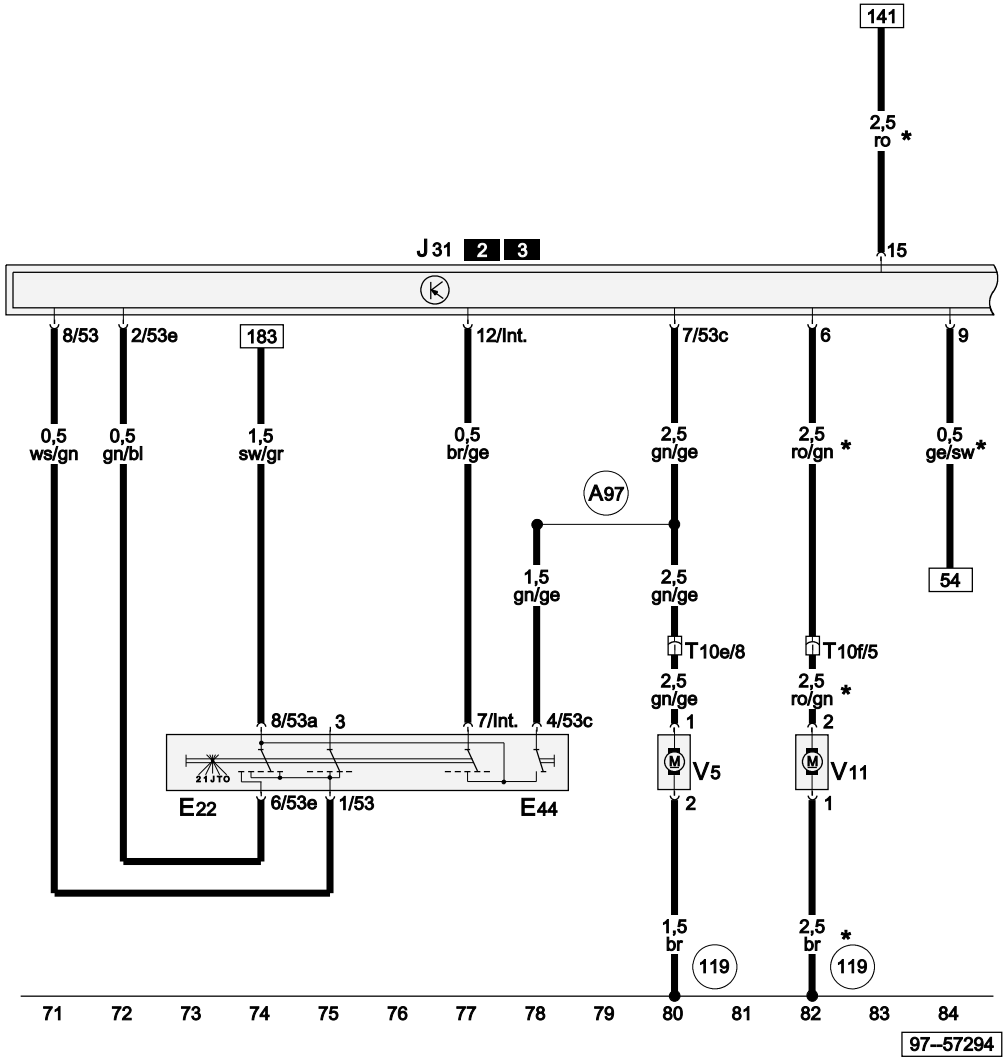

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Intermittent wiper switch, washer pump switch, automatic intermittent wash/wipe relay

E22	Intermittent wiper switch
E44	Windscreen washer pump switch (automatic wash/wipe and headlight washer system)
J31	Automatic intermittent wash/wipe relay
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
V5	Windscreen washer pump
V11	Headlight washer system pump
119	Earth connection -1-, in headlight wiring harness
A97	Connection (53), in dash panel wiring harness
*	Only applies to models with headlight washer system

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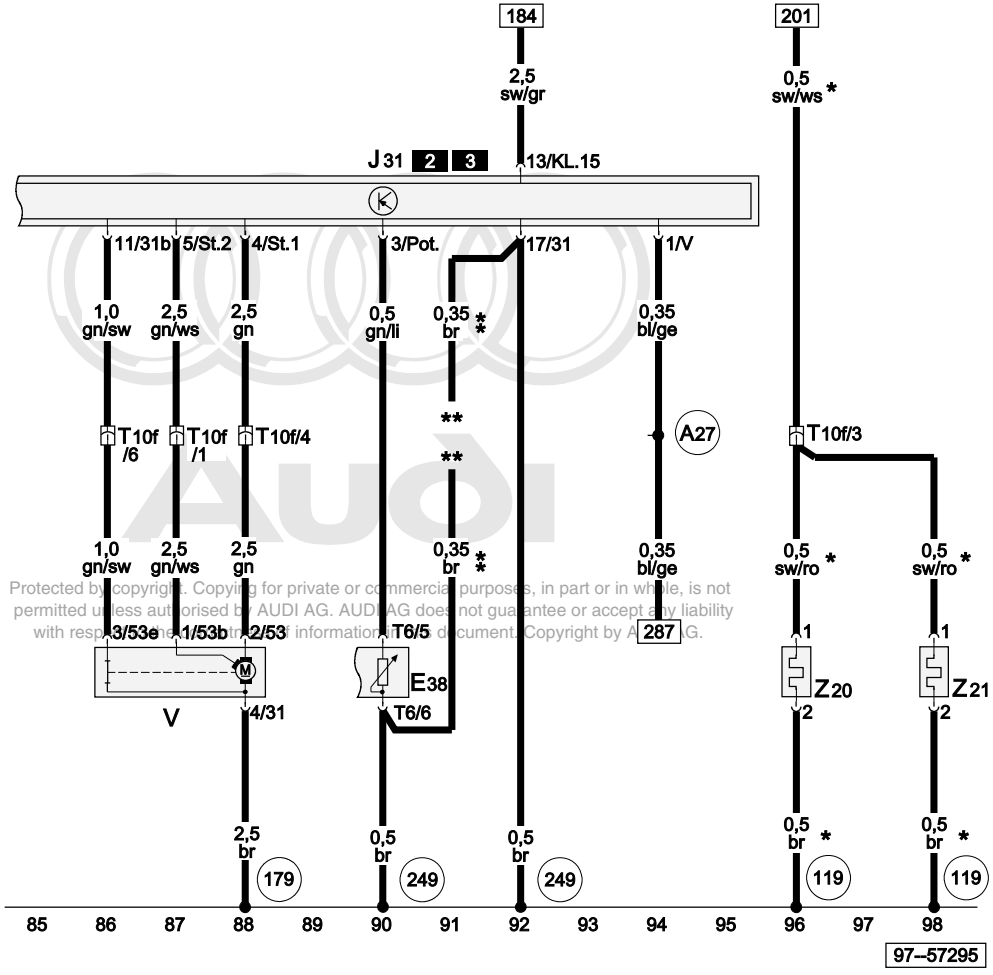
Intermittent wiper control, automatic intermittent wash/wipe relay, heater element for washer jet

E38	Intermittent wiper control
J31	Automatic intermittent wash/wipe relay
T6	6-pin connector, brown, behind steering column switch trim
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
Z20	Heater element, left washer jet
Z21	Heater element, right washer jet
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
A27	Connection (speed signal), in dash panel wiring harness
*	Only applies to models with heater element for washer jet
**	⇒ Applicable Current Flow Diagram: Anti-lock brake system



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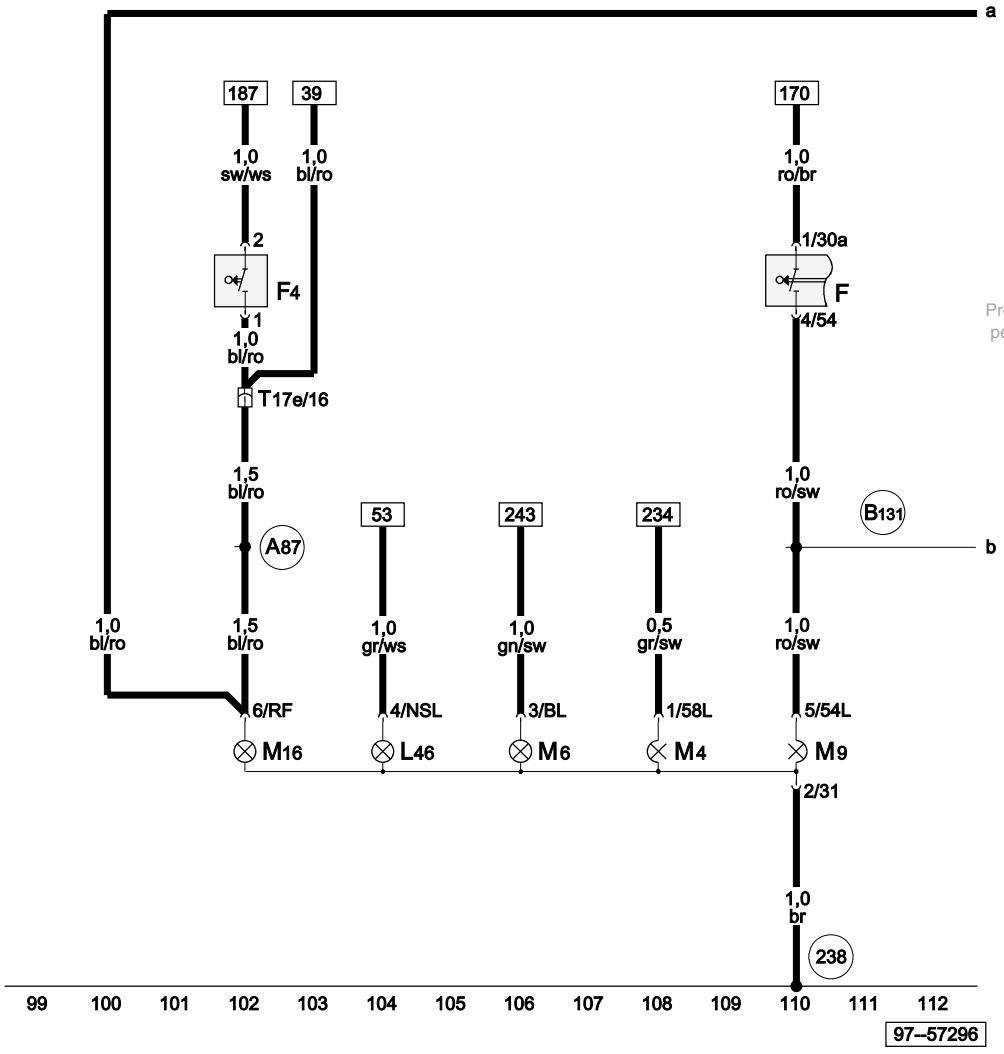
Reversing light switch, rear left fog light bulb, left tail light bulb, rear left turn signal bulb, left brake light bulb

F	Brake light switch
F4	Reversing light switch
L46	Rear fog light bulb, left
M4	Tail light bulb, left
M6	Turn signal bulb, rear left
M9	Brake light bulb, left
M16	Reversing light bulb, left
T17e	17-pin connector, blue, in footwell, front left
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
B131	Connection (54), in interior wiring harness



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Right tail light bulb, rear right turn signal bulb, right reversing light bulb, high level brake light bulb, number plate lights

M2	Tail light bulb, right
M8	Turn signal bulb, rear right
M10	Brake light bulb, right
M17	Reversing light bulb, right
M25	High level brake light bulb
X4	Number plate light, left
X5	Number plate light, right
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B132	Connection (number plate light), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness

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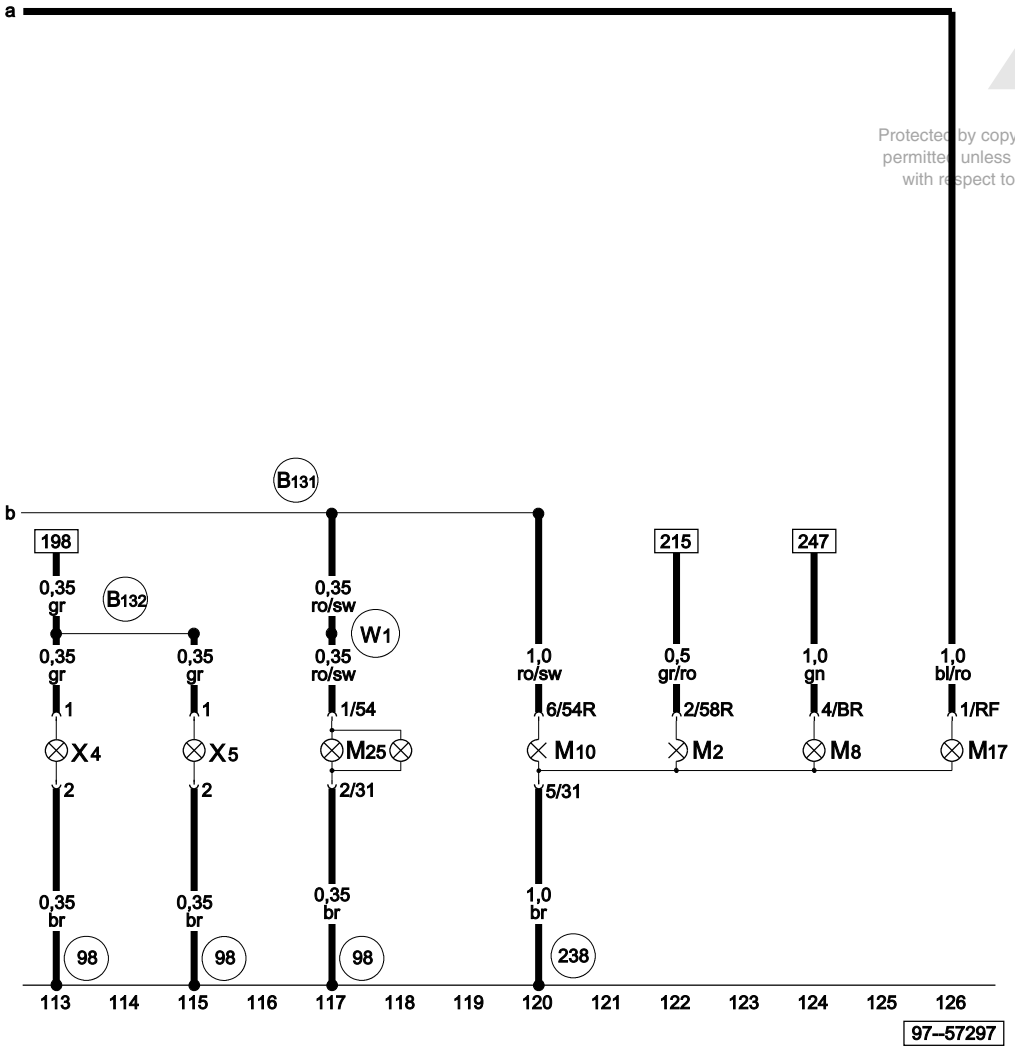

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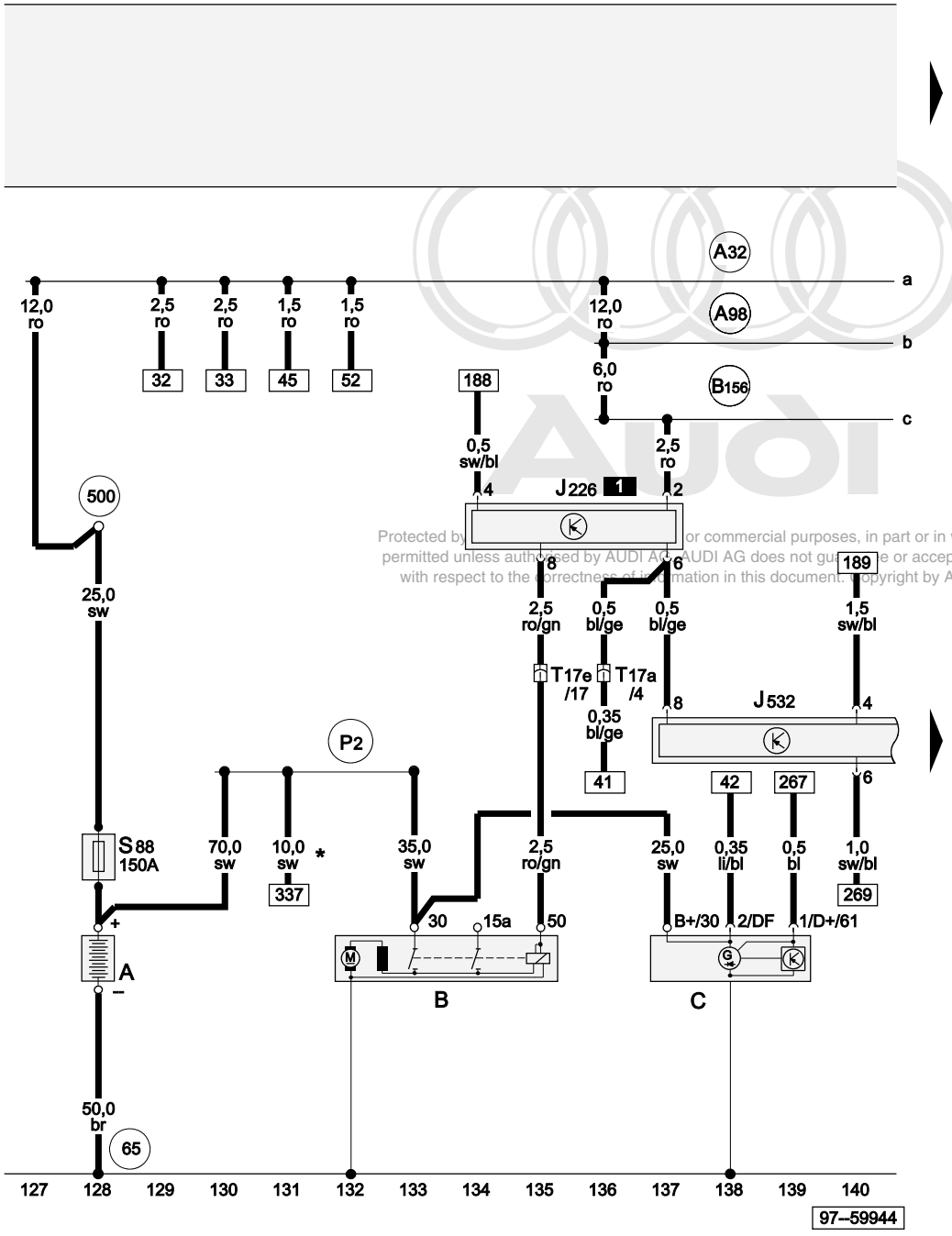

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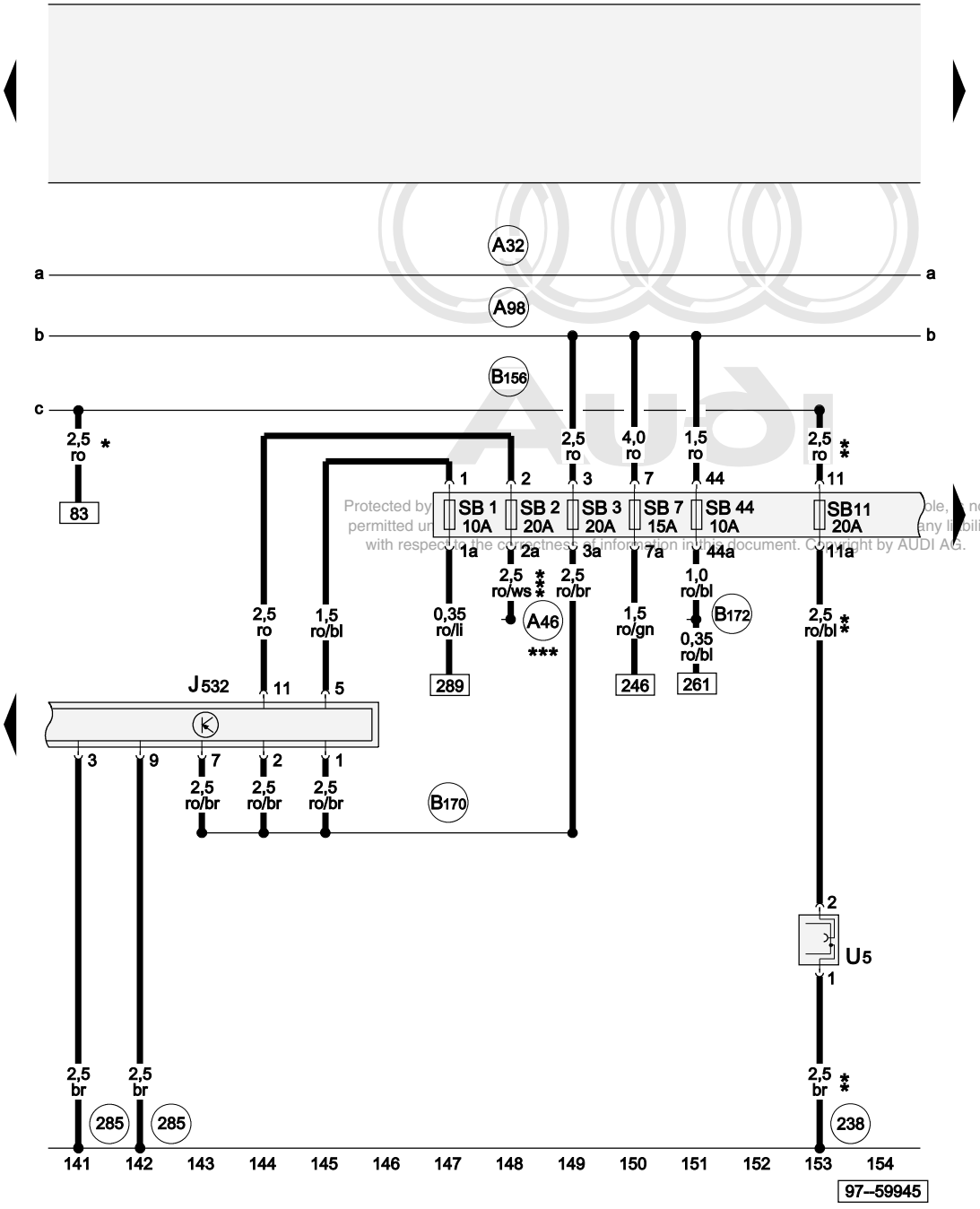
Battery, starter, alternator, starter inhibitor and reversing light relay, voltage stabiliser

A	Battery
B	Starter
C	Alternator
J226	Starter inhibitor and reversing light relay
J532	Voltage stabiliser
S88	Strip fuse
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models with power steering



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Voltage stabiliser, 12 V socket

J532	Voltage stabiliser
SB1	Fuse -1- on fuse box
SB2	Fuse -2- on fuse box
SB3	Fuse -3- on fuse box
SB7	Fuse -7- on fuse box
SB11	Fuse -11- on fuse box
SB44	Fuse -44- on fuse box
U5	12 V socket
238	Earth connection -1-, in interior wiring harness
285	Earth connection 7, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B170	Positive (+) connection -2- (30), in interior wiring harness
B172	Positive (+) connection -4- (30), in interior wiring harness
*	Only applies to models with headlight washer system
**	Only applies to models with 12 V socket
***	⇒ Applicable Current Flow Diagram: Radio

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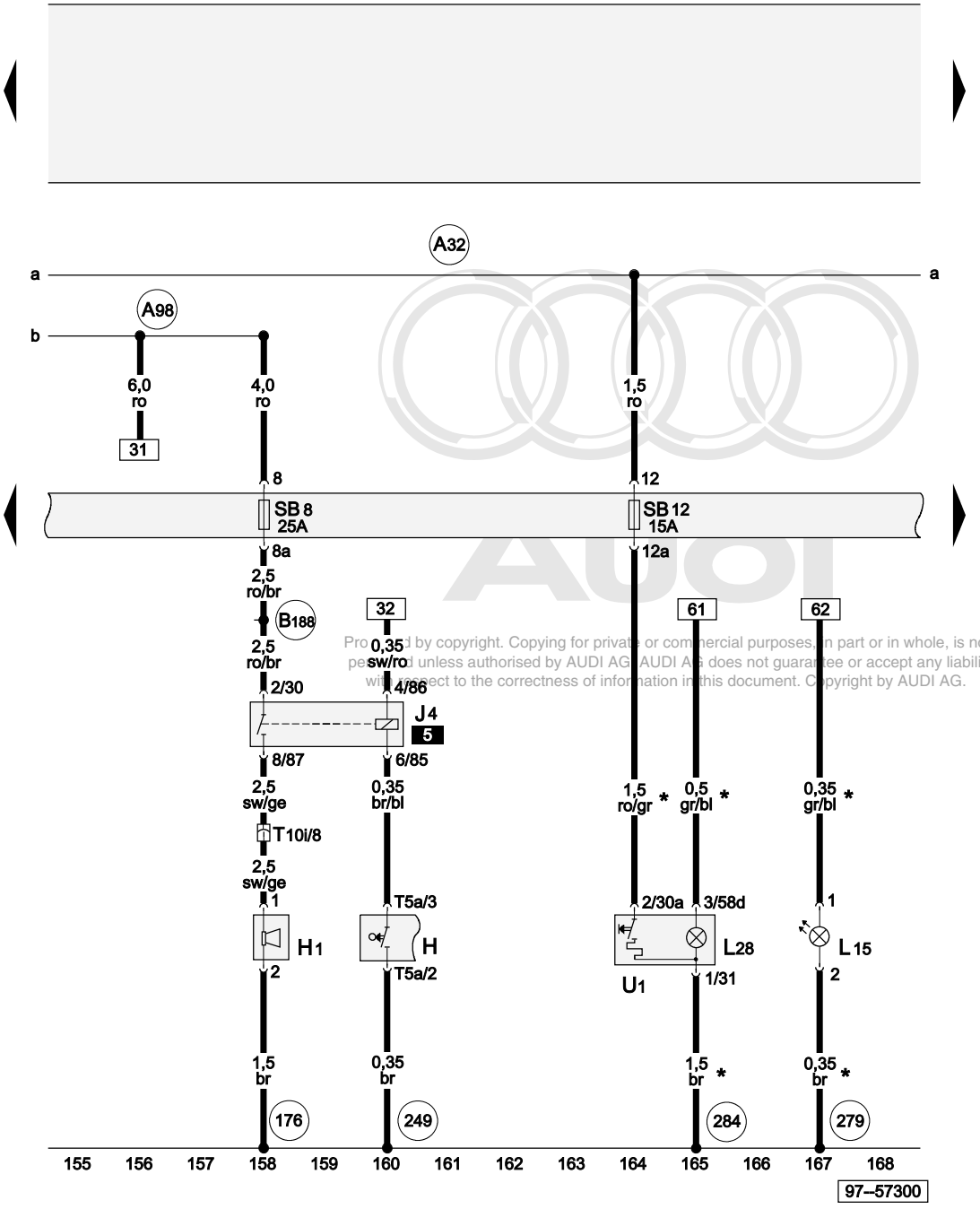

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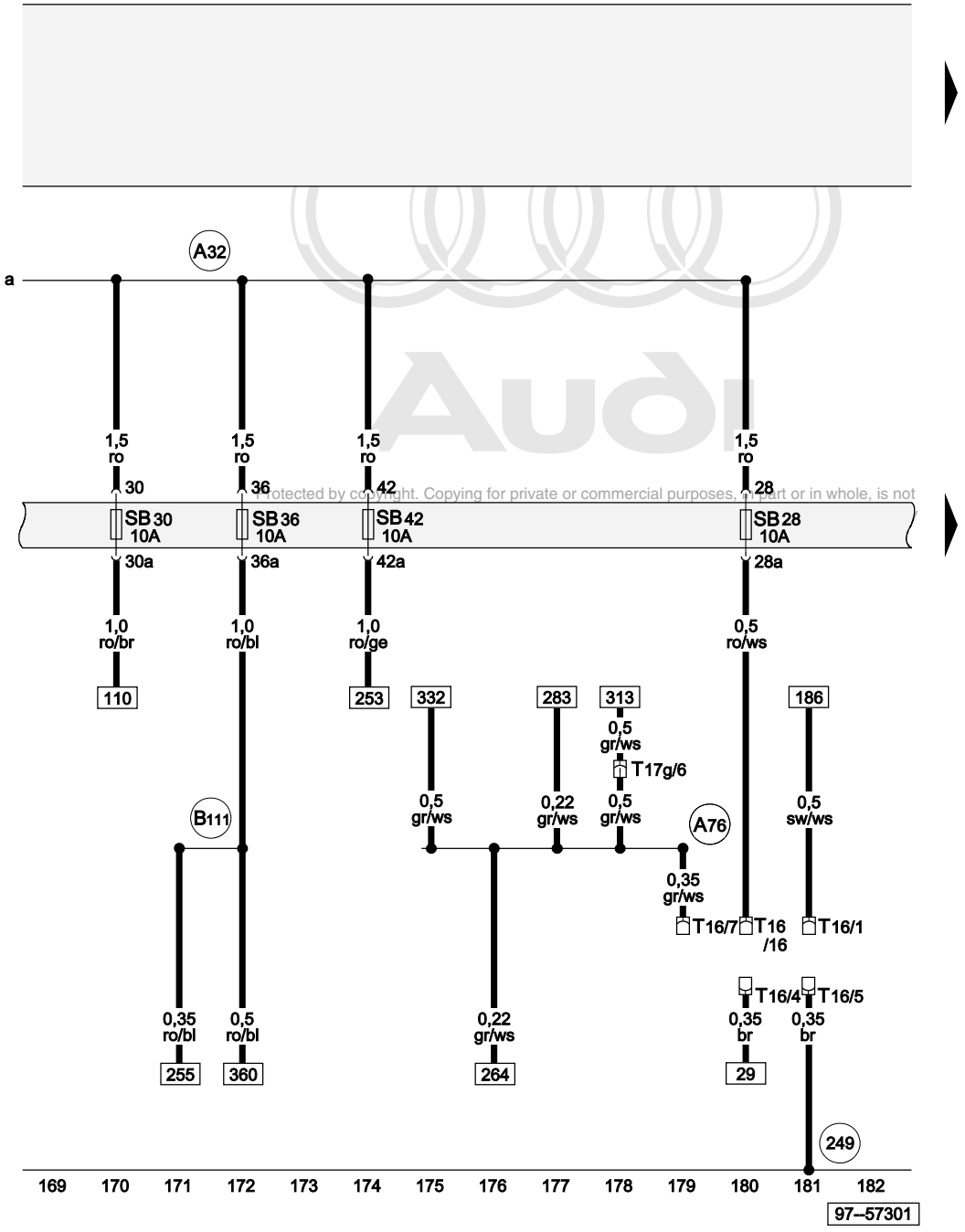
Horn plate, horn/dual tone horn, dual tone horn relay, ashtray light bulb, cigarette lighter

H	Horn plate
H1	Horn/dual tone horn
J4	Dual tone horn relay
L15	Ashtray light bulb
L28	Cigarette lighter light bulb
SB8	Fuse -8- on fuse box
SB12	Fuse -12- on fuse box
T5a	5-pin connector, yellow, behind steering column switch trim
T10i	10-pin connector, black, connector point, A pillar, right
U1	Cigarette lighter
176	Earth connection, in right headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B188	Positive (+) connection -5- (30), in interior wiring harness
*	Only applies to models with equipment for smokers



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Fuses on fuse box

SB28	Fuse -28- on fuse box
SB30	Fuse -30- on fuse box
SB36	Fuse -36- on fuse box
SB42	Fuse -42- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
249	Earth connection -2-, in interior wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness

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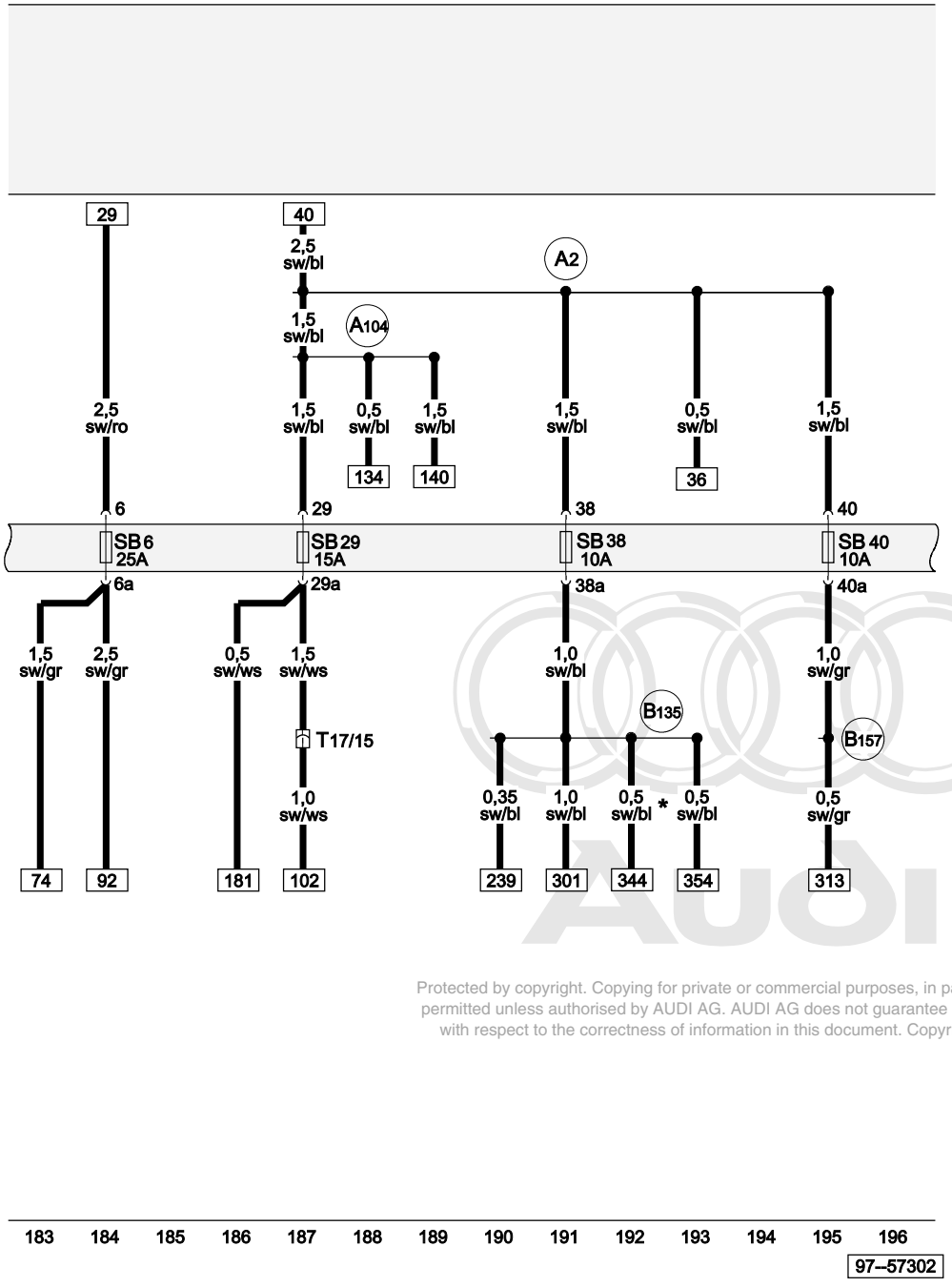

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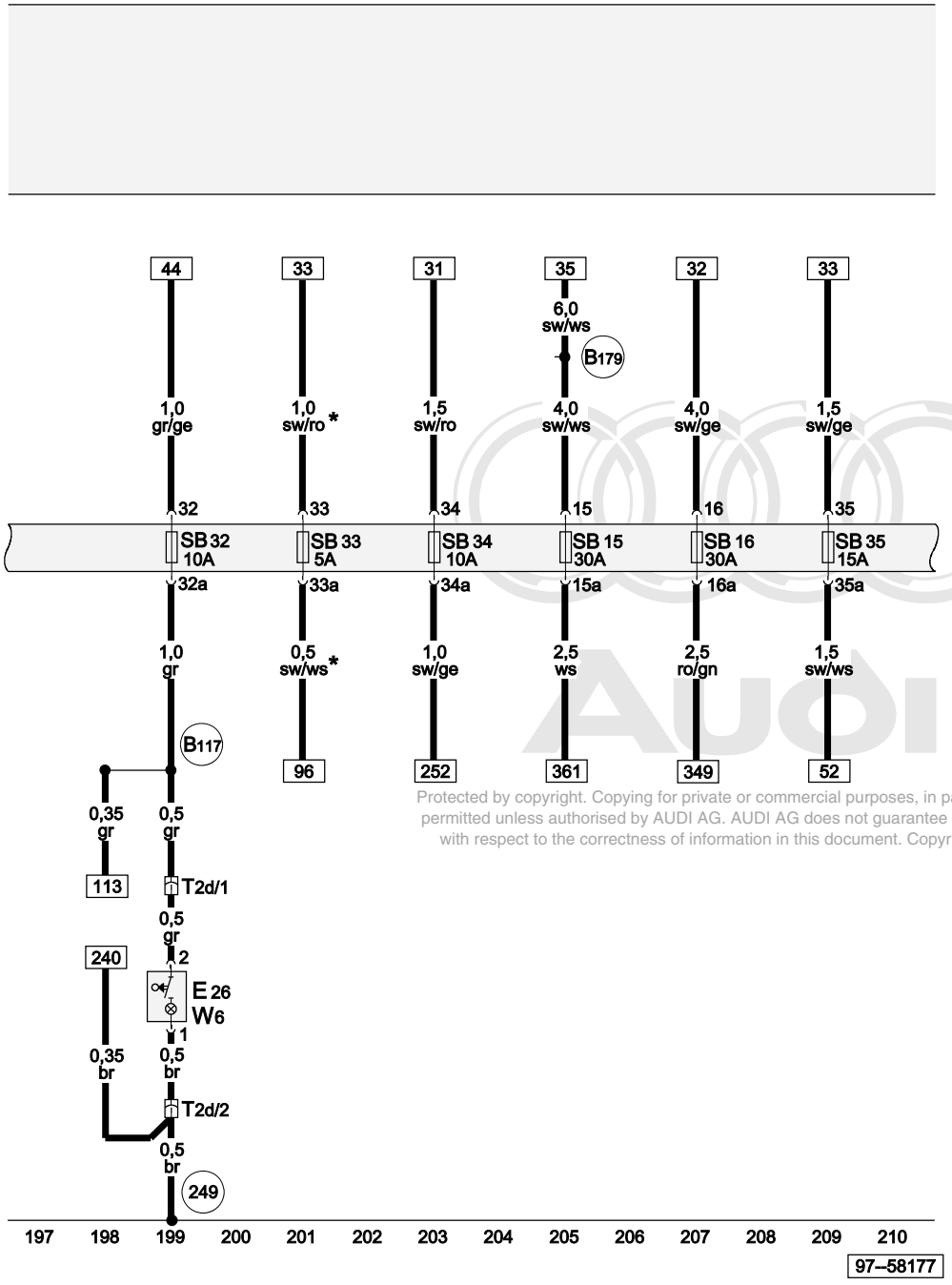
Fuses on fuse box

SB6	Fuse -6- on fuse box
SB29	Fuse -29- on fuse box
SB38	Fuse -38- on fuse box
SB40	Fuse -40- on fuse box
T17	17-pin connector, brown, in footwell, front left
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
B157	Positive (+) connection -3- (15a), in interior wiring harness
*	Only applies to models with power steering



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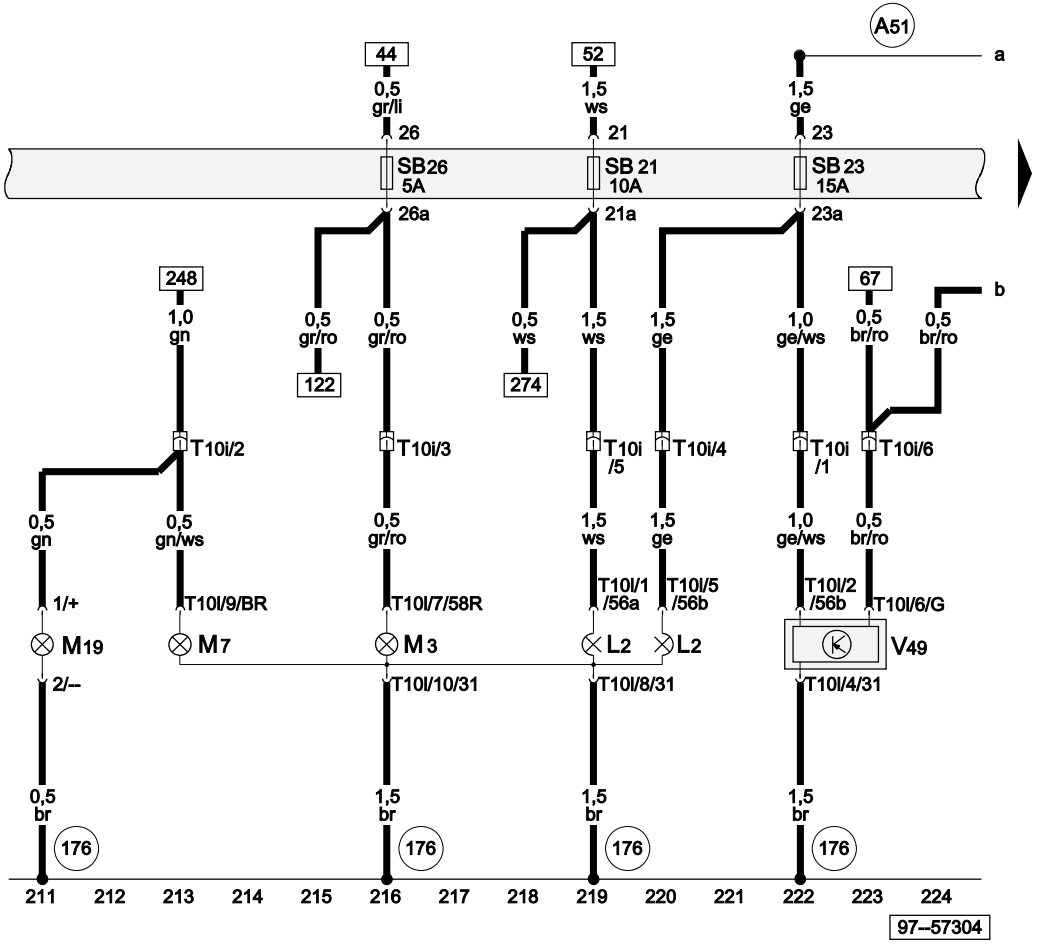
Fuses on fuse box, glove box light

E26	Glove box light switch
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB32	Fuse -32- on fuse box
SB33	Fuse -33- on fuse box
SB34	Fuse -34- on fuse box
SB35	Fuse -35- on fuse box
T2d	2-pin connector, black, near glove box
W6	Glove box light
249	Earth connection -2-, in interior wiring harness
B117	Connection (58a, right), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness
*	Only applies to models with heater element for washer jet



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Twin filament bulb for right headlight, right side light bulb, front right turn signal bulb, right headlight range control motor

L2	Twin filament bulb for headlight, right
M3	Side light bulb, right
M7	Turn signal bulb, front right
M19	Side turn signal bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
(176)	Earth connection, in right headlight wiring harness
(A51)	Connection (56), in dash panel wiring harness

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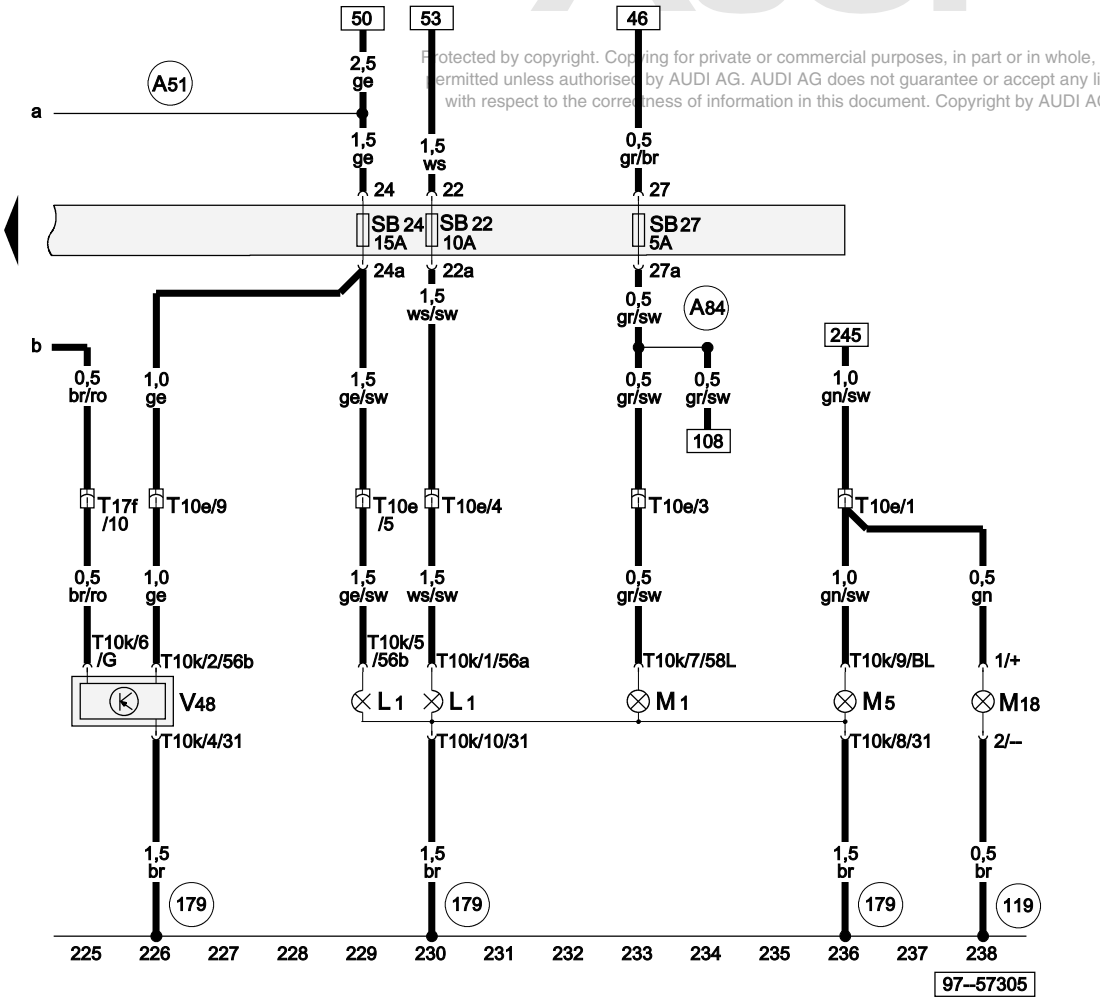

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br = brown
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Twin filament bulb for left headlight, left side light bulb, front left turn signal bulb, left headlight range control motor

L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M5	Turn signal bulb, front left
M18	Side turn signal bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
T17f	17-pin connector, white, connector point, A pillar, left
V48	Headlight range control motor, left
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
A51	Connection (56), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness

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Hazard warning light switch, hazard warning light relay

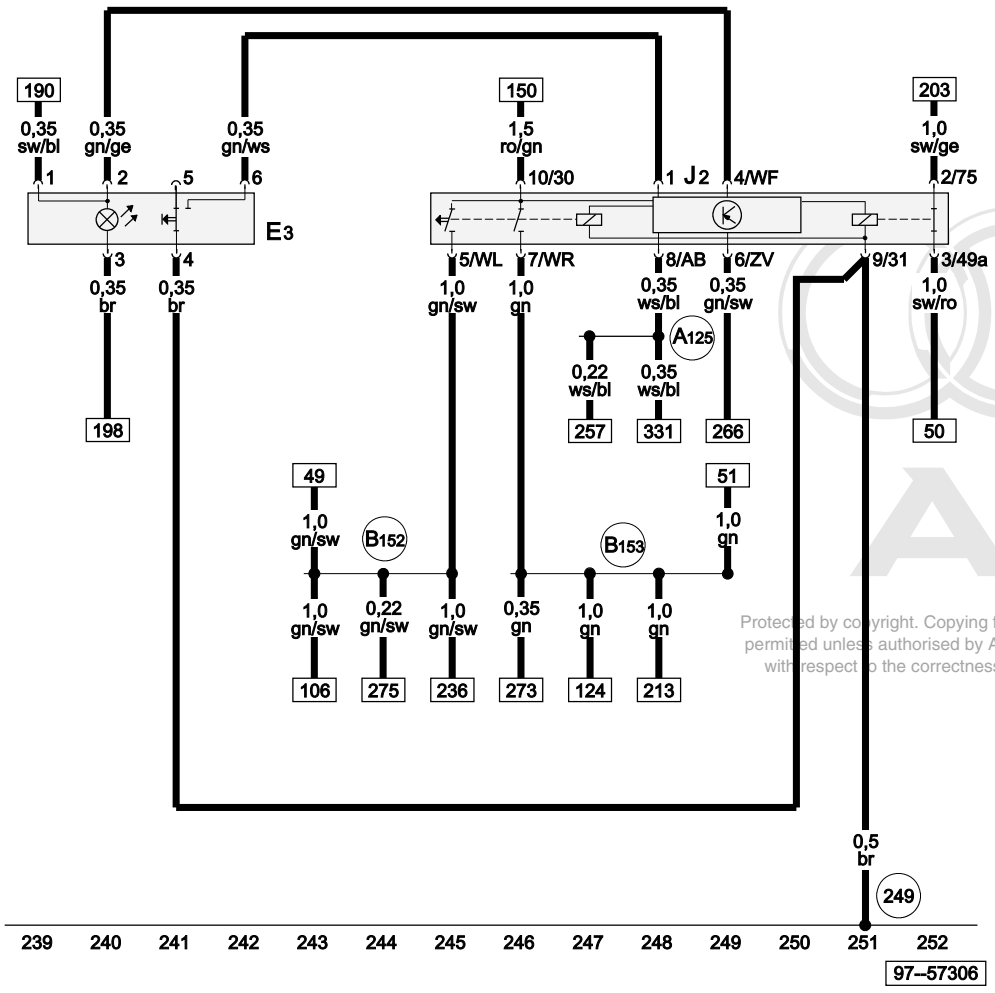
E3 Hazard warning light switch
J2 Hazard warning light relay

249 Earth connection -2-, in interior wiring harness

A125 Connection (crash signal), in dash panel wiring harness

B152 Connection (BL (turn signal, left)), in interior wiring harness

B153 Connection (BR (turn signal, right)), in interior wiring harness



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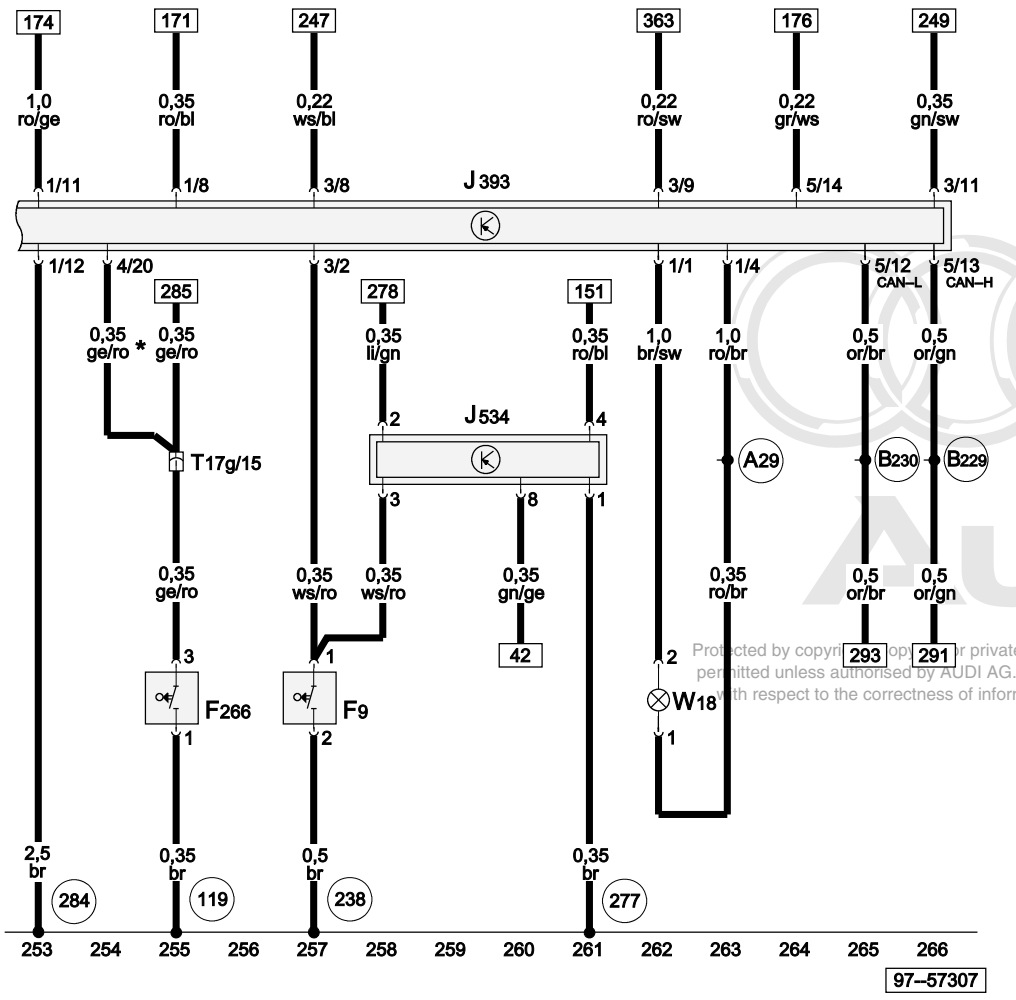
Handbrake warning switch, handbrake warning lamp control unit, luggage compartment light, left



F9 Handbrake warning switch
F266 Bonnet contact switch
J393 Convenience system central control unit
J534 Handbrake warning lamp control unit
T17g 17-pin connector, red, connector point, A pillar, left
W18 Luggage compartment light, left

(119) Earth connection -1-, in headlight wiring harness

(238) Earth connection -1-, in interior wiring harness

(277) Earth connection -3-, in interior wiring harness

(284) Earth connection -6-, in interior wiring harness

(A29) Connection (interior light), in dash panel wiring harness

(B229) Connection (high bus), in interior wiring harness

(B230) Connection (low bus), in interior wiring harness

* Only applies to models with anti-theft alarm system

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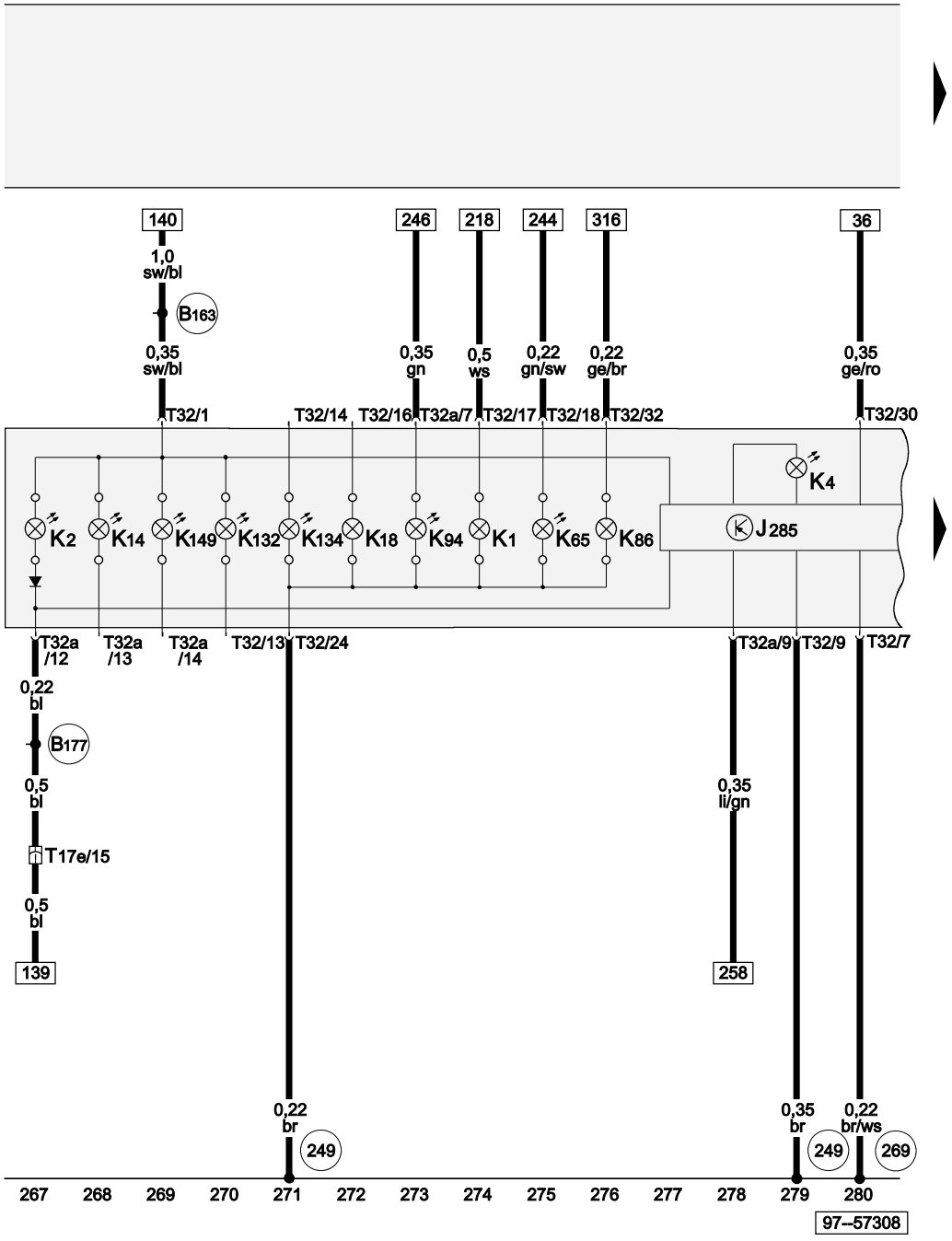

Control unit with display in dash panel insert, warning lamps

J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light 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
K132	Electronic power control fault lamp
K134	Self-levelling suspension warning lamp
K149	Engine electronics warning lamp
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
249	Earth connection -2-, in interior wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
B177	Connection (61), in interior wiring harness

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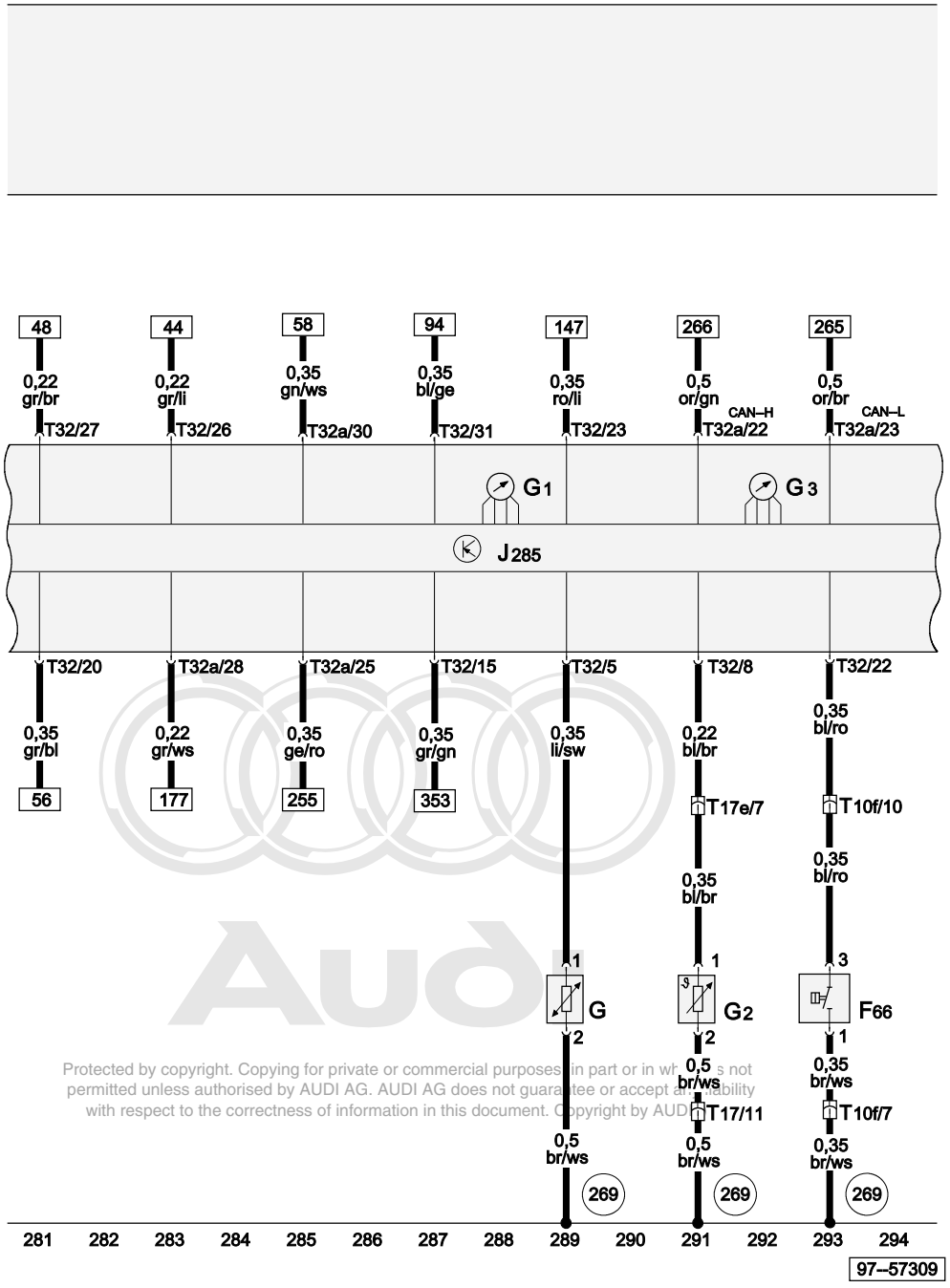

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Fuel gauge sender, coolant temperature sender, control unit with display in dash panel insert

F66	Coolant shortage indicator switch
G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature sender
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness

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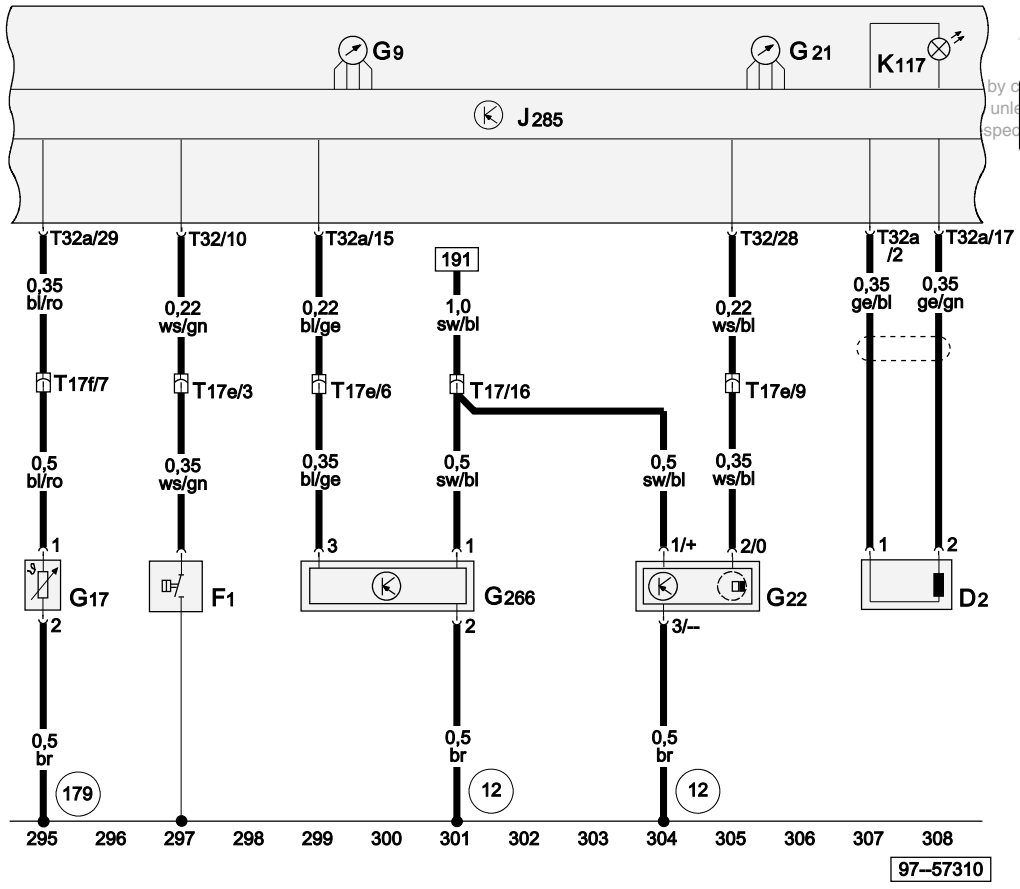
Immobilizer reading coil, oil pressure switch, ambient temperature sensor, speedometer sender

D2	Immobilizer reading coil
F1	Oil pressure switch
G9	Oil temperature gauge
G17	Ambient temperature sensor
G21	Speedometer
G22	Speedometer sender (Hall sender, on gearbox)
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
K117	Immobilizer warning lamp
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
179	Earth connection, in left headlight wiring harness



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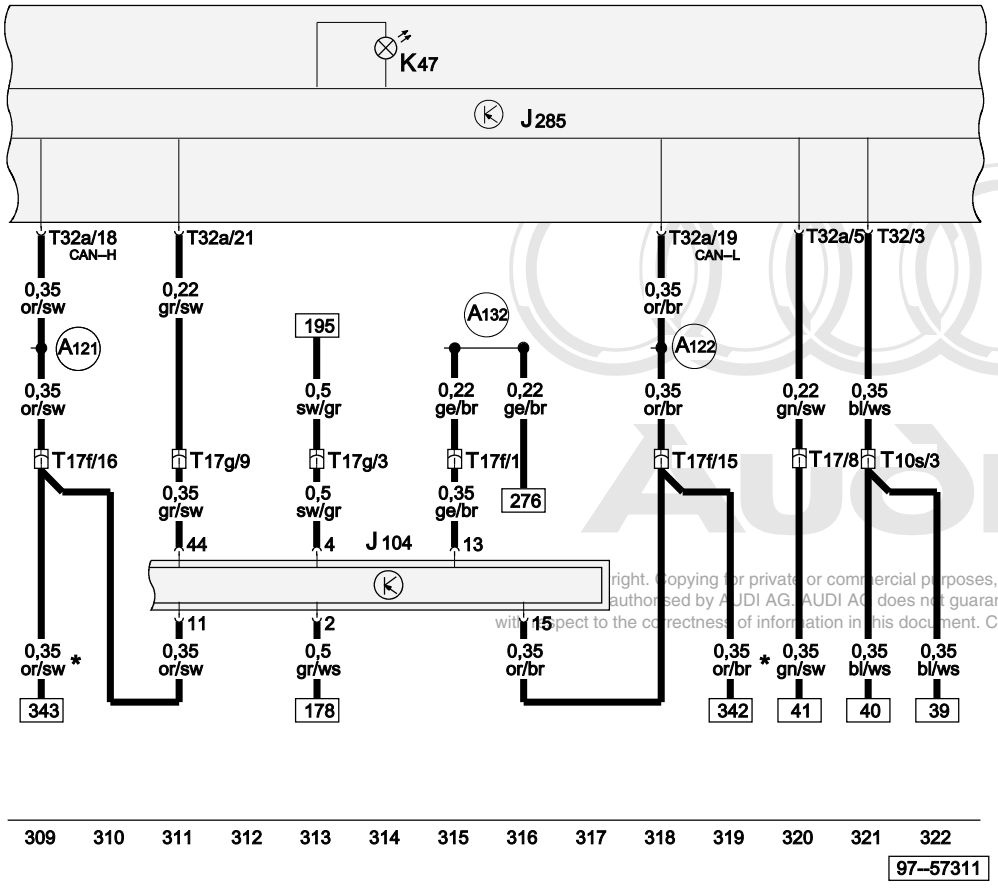

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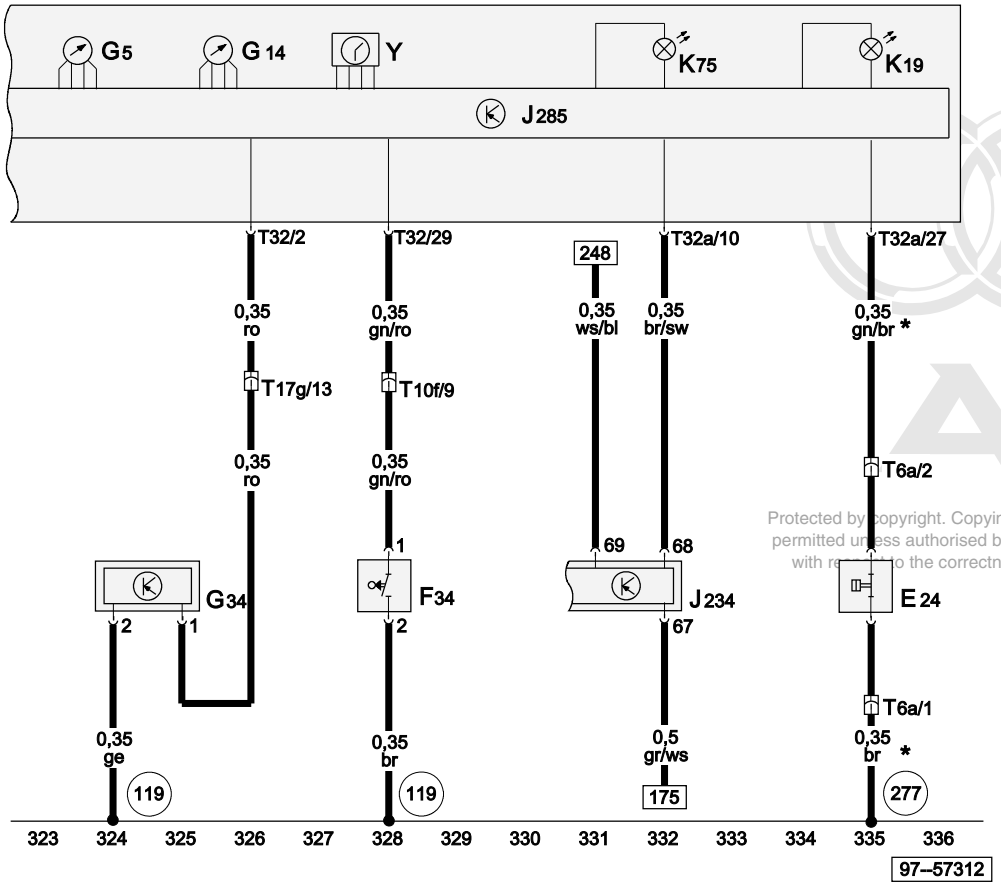
ABS with EDL control unit, control unit with display in dash panel insert

J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K47	ABS warning lamp
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
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
A132	Connection (TCS/ESP), in dash panel wiring harness
*	Only applies to models with power steering

Belt switch (driver's side), brake fluid level warning contact, brake lining/pad wear sender, front left

E24	Belt switch, driver's side
F34	Brake fluid level warning contact
G5	Rev. counter
G14	Voltmeter
G34	Brake lining/pad wear sender, front left
J234	Airbag control unit
J285	Control unit with display in dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T6a	6-pin connector, red, under driver's seat
T10f	10-pin connector, blue, connector point, A pillar, left
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Y	Analogue clock
119	Earth connection -1-, in headlight wiring harness
277	Earth connection -3-, in interior wiring harness
*	Only applies to models with seat belt warning system



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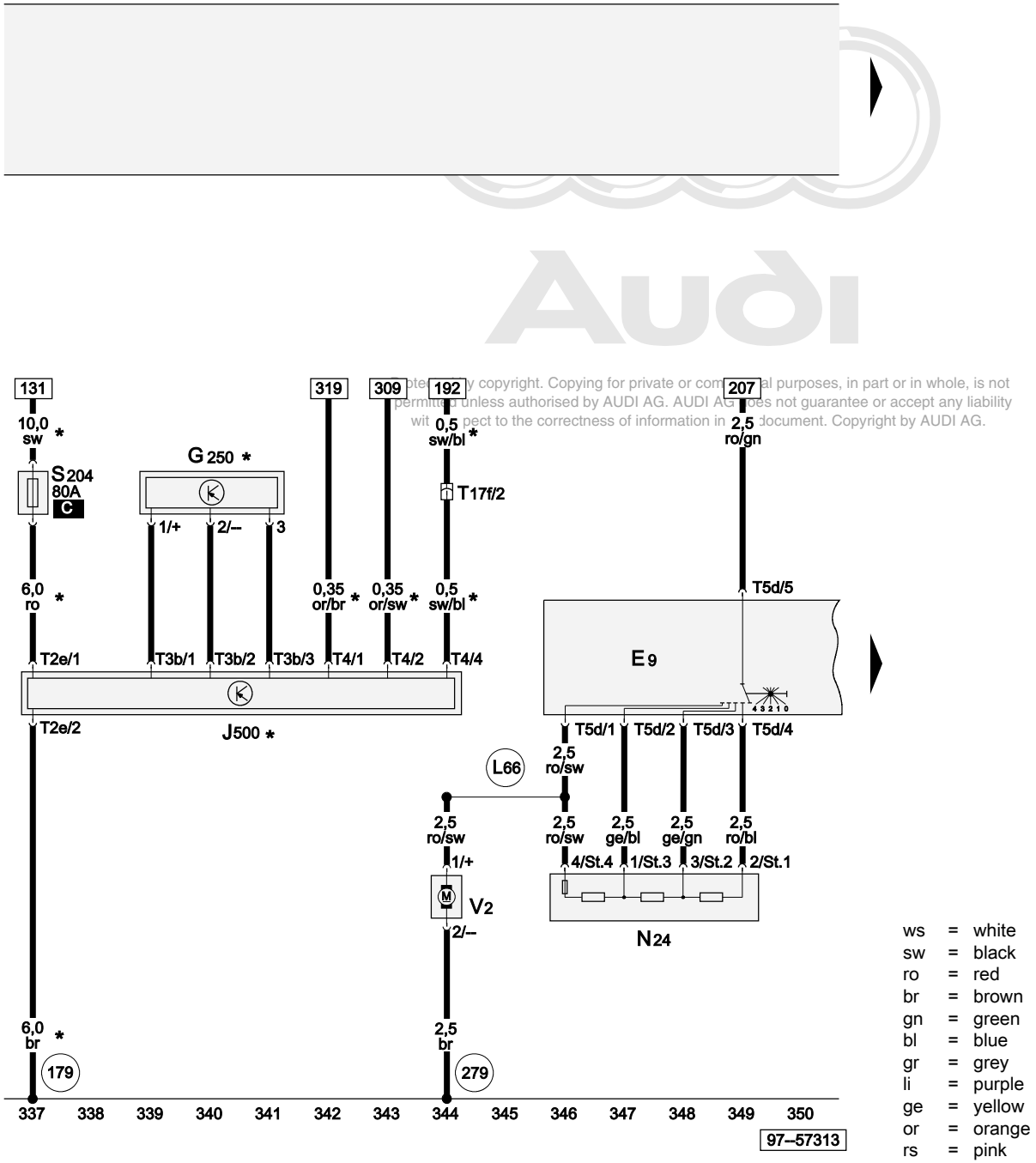

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Fresh air blower switch, power steering control unit, fresh air blower with overheating fuse series resistor

E9	Fresh air blower switch
G250	Power steering sensor
J500	Power steering control unit
N24	Fresh air blower with overheating fuse series resistor
S204	Fuse -1- (30)
T2e	2-pin connector, black, on power steering control unit
T3b	3-pin connector, on power steering control unit
T4	4-pin connector, black, on power steering control unit
T5d	5-pin connector, black, on heater controls
T17f	17-pin connector, white, connector point, A pillar, left
V2	Fresh air blower
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
L66	Connection, in heater blower wiring harness
*	Only applies to models with power steering

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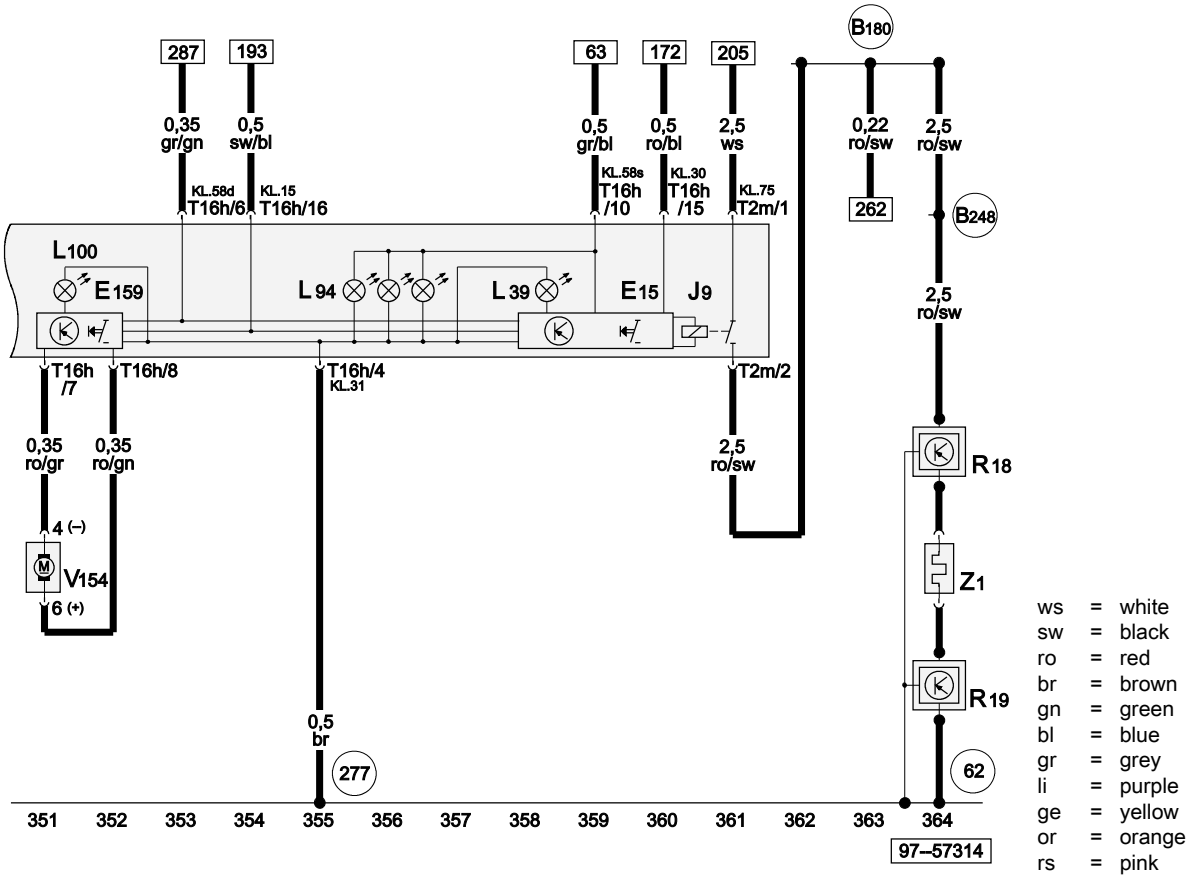

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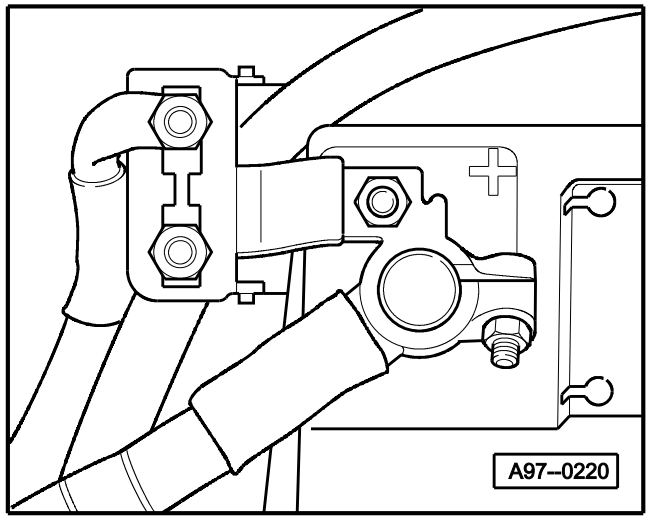
Heated rear window switch, fresh air/air recirculating flap switch, heated rear window relay

E15	Heated rear window switch
E159	Fresh air/air recirculating flap switch
J9	Heated rear window relay
L39	Heated rear window switch illumination bulb
L94	Heater switch illumination
L100	Fresh air/air recirculating flap switch illumination
T2m	2-pin connector, black, on heater controls
T16h	16-pin connector, black, on heater controls
R18	Frequency switch, left
R19	Frequency switch, right
V154	Fresh air/air recirculating flap control motor
Z1	Heated rear window
62	Earth point, right C pillar
277	Earth connection -3-, in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code BHC

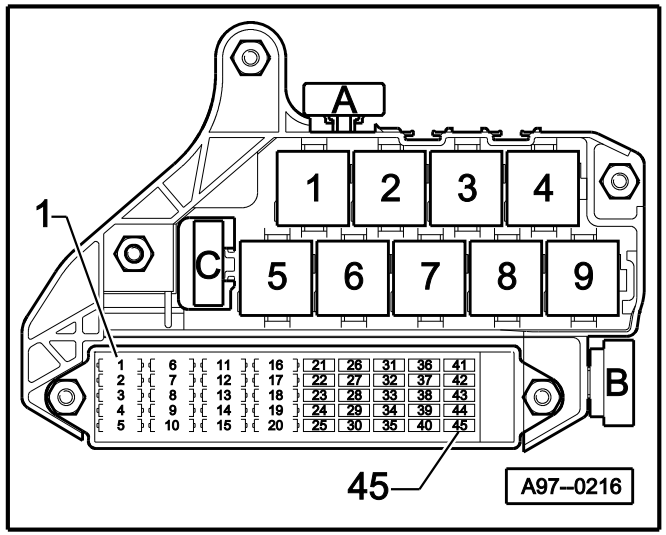
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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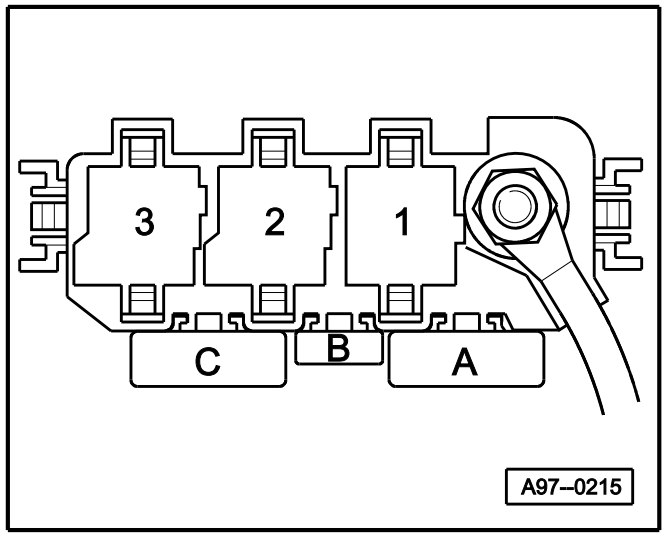
♦ In dash panel, driver's side

Fuse colours

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

3-point relay carrier



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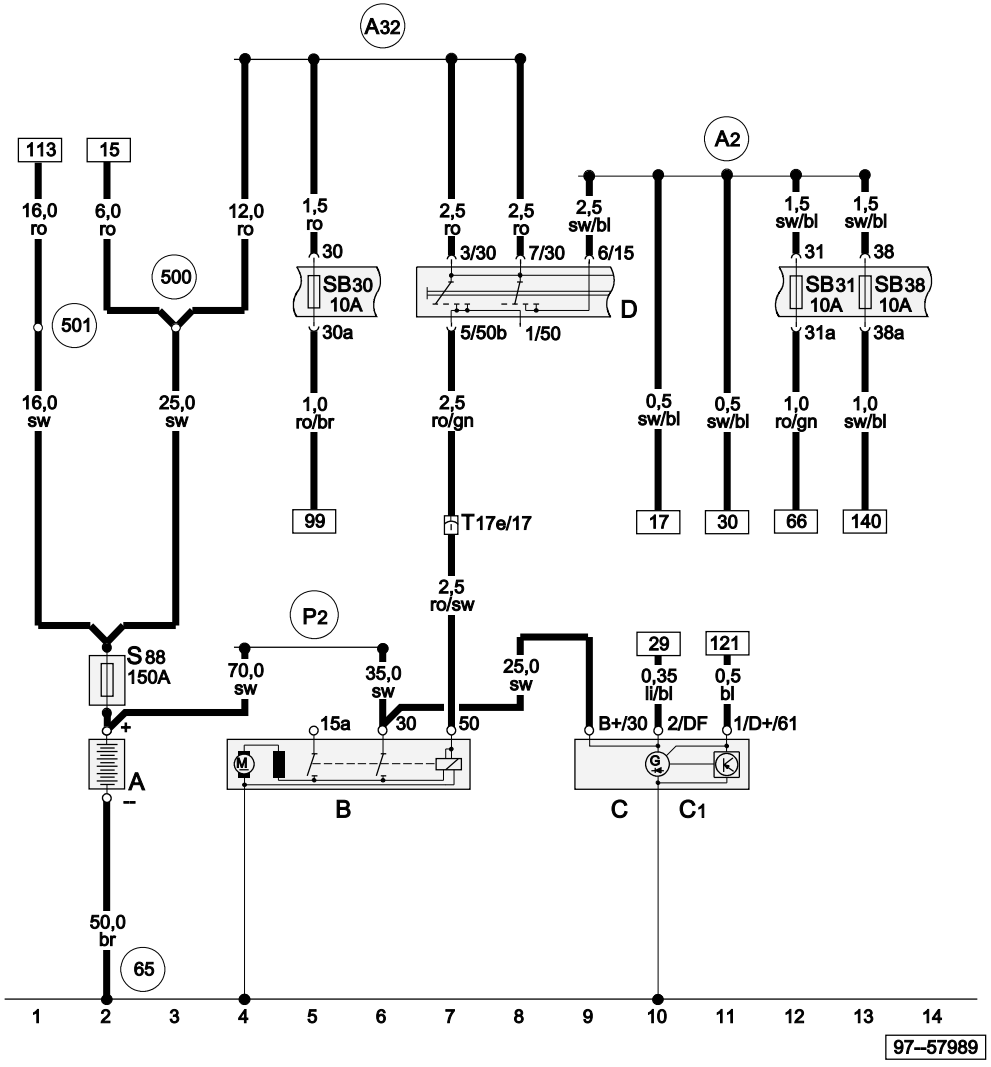
♦ In footwell, front left

1 - Relay for glow plugs (J52)
2 - Terminal 30 voltage supply relay (J317)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)



Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S88	Strip fuse
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
501	Screw connection -2- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
P2	Positive (+) connection (30), in battery wiring harness

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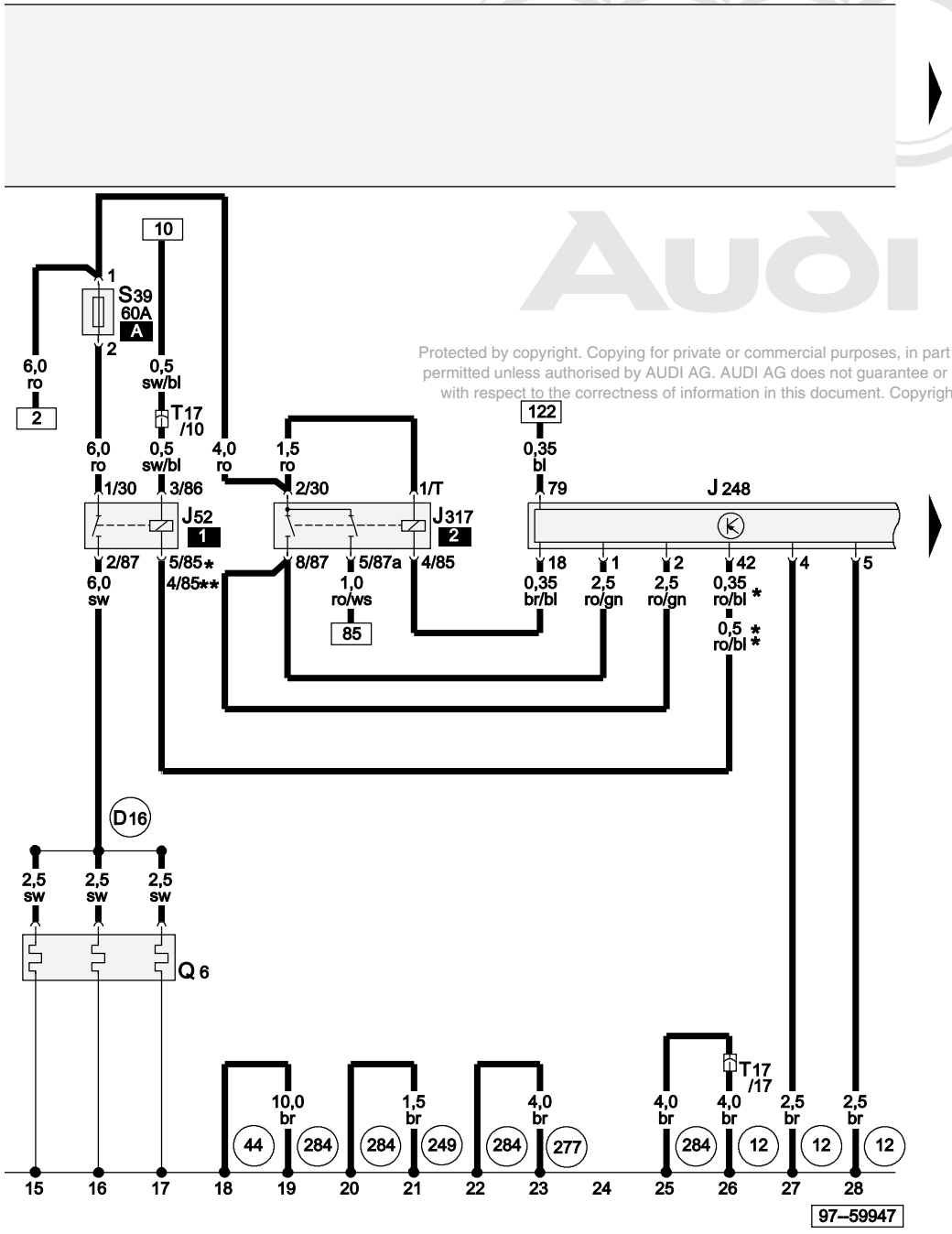

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Relay for glow plugs, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plugs - (engine)

J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs - engine
T17	17-pin connector, brown, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, A pillar, bottom left
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
D16	Connection (glow plugs), in front right wiring harness
*	Applicable up to model year 2004
**	Applicable from model year 2005

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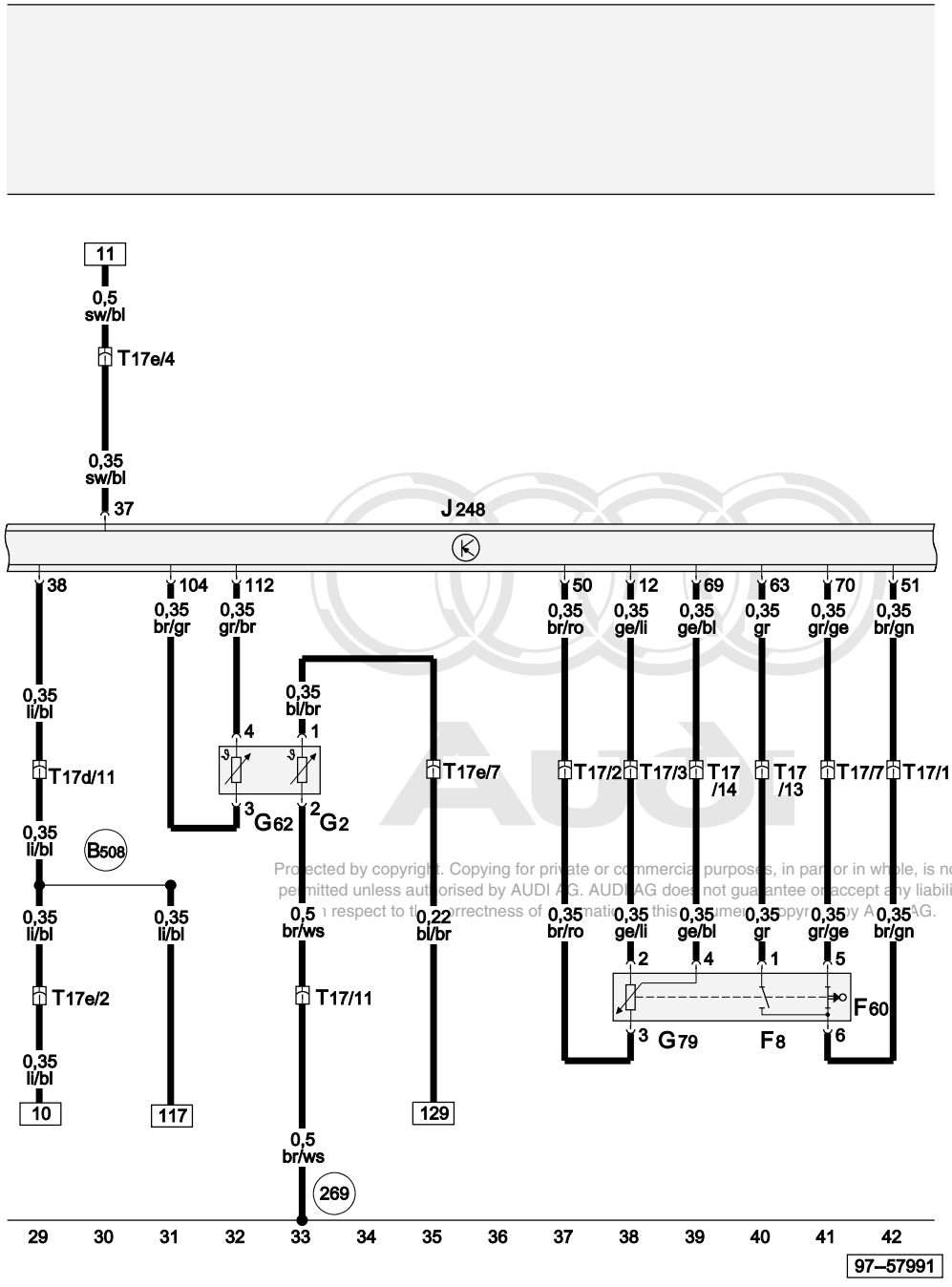
Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit



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F8	Kick-down switch	
F60	Idling switch	
G2	Coolant temperature sender	
G62	Coolant temperature sender	
G79	Accelerator pedal position sender	
J248	Diesel direct injection system control unit	
T17	17-pin connector, brown, in footwell, front left	
T17d	17-pin connector, green, in footwell, front left	
T17e	17-pin connector, blue, in footwell, front left	
269	Earth connection (sender earth) -1-, in dash panel wiring harness	
B508	Connection (DF), in interior wiring harness	

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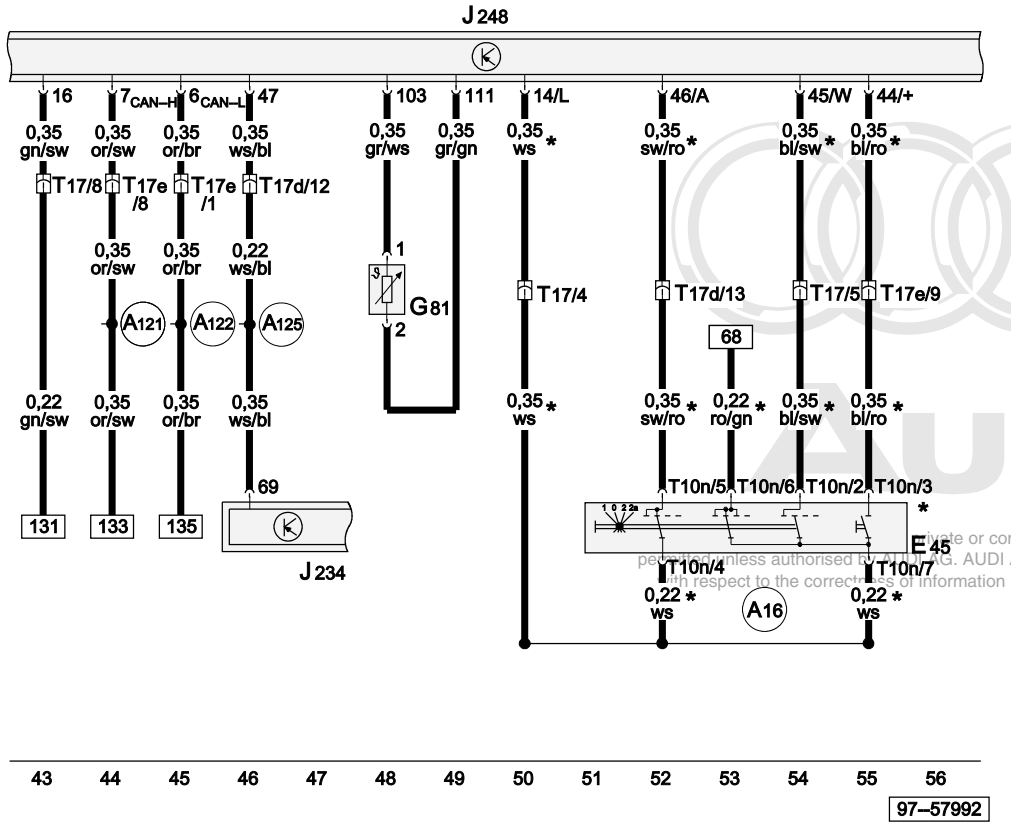
Cruise control system switch, fuel temperature sender, airbag control unit, diesel direct injection system control unit

E45	Cruise control system switch
G81	Fuel temperature sender
J234	Airbag control unit
J248	Diesel direct injection system control unit
T10n	10-pin connector, black, behind steering column switch trim
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A16	Connection (cruise control system), in dash panel 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
*	Only applies to models with cruise control system



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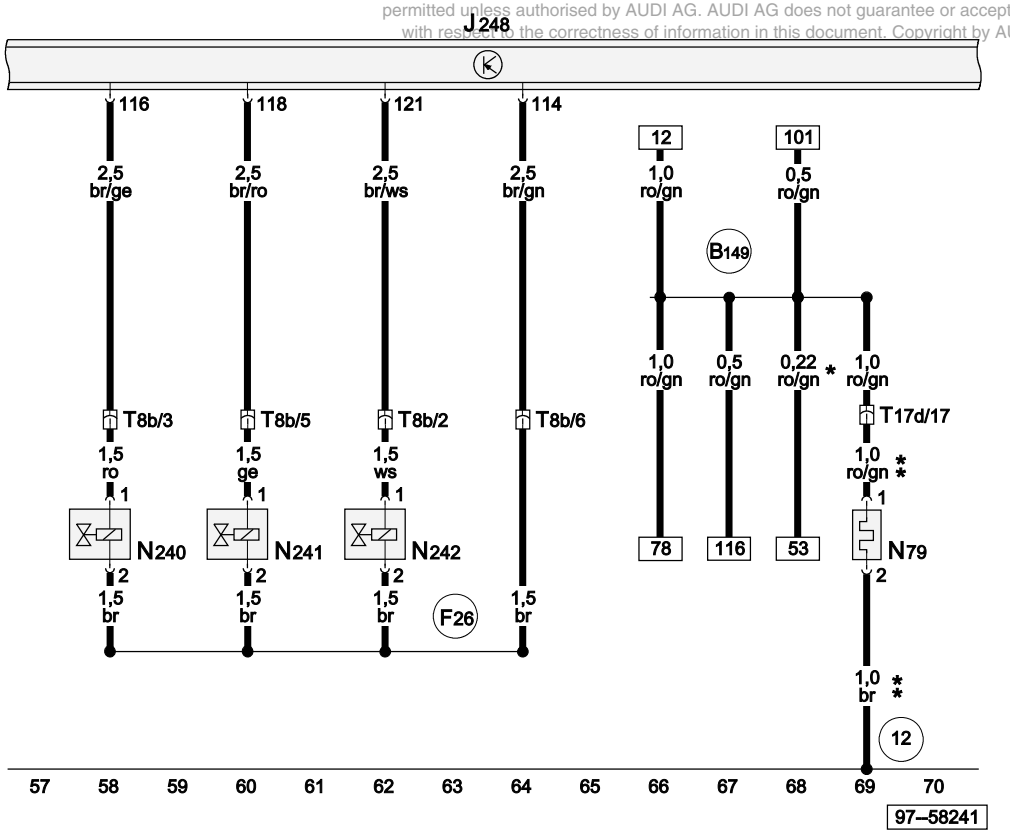

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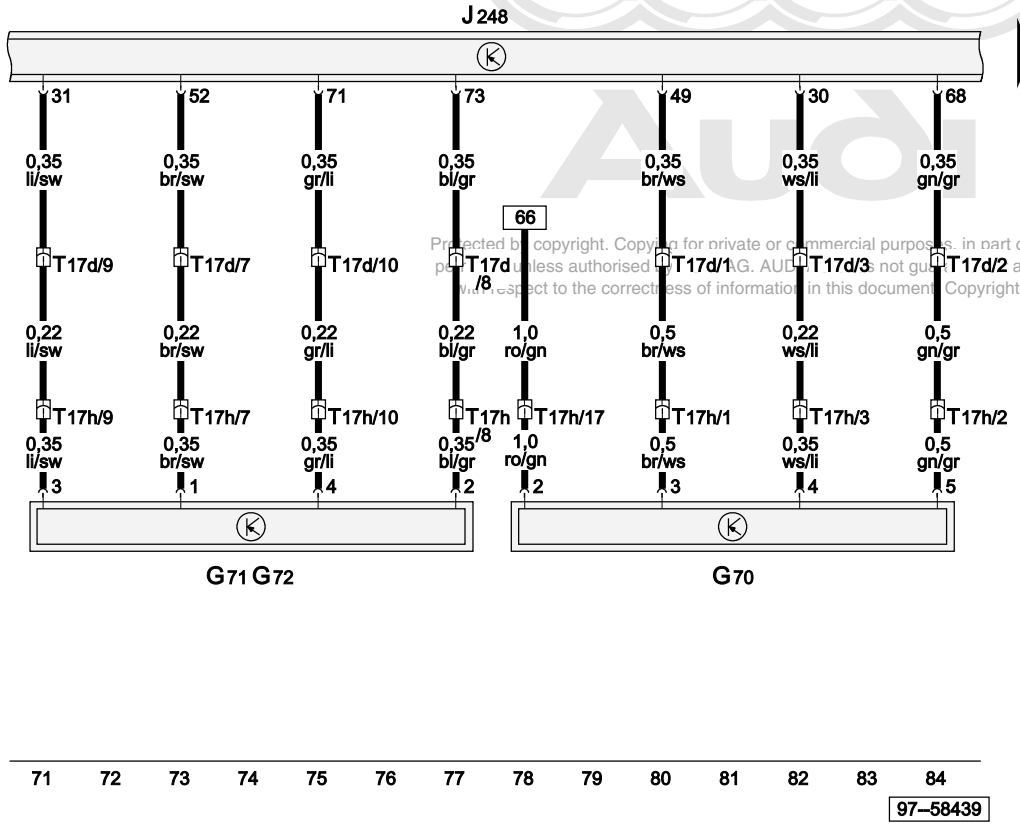
Diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, no. 1 cylinder
N241	Unit injector solenoid valve, no. 2 cylinder
N242	Unit injector solenoid valve, no. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17d	17-pin connector, green, in footwell, front left
12	Earth point, in engine compartment, left
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with cruise control system
**	Only applies to models with heater element (crankcase breather)

Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right



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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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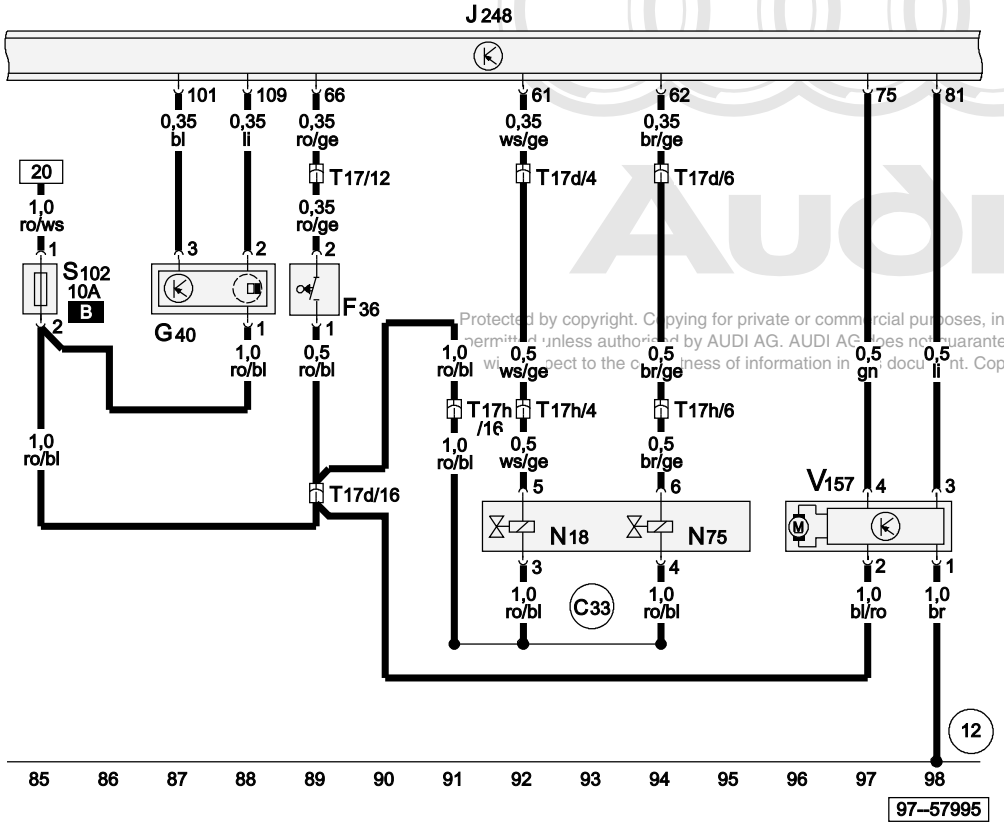
Clutch pedal switch, Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, engine control unit fuse, intake manifold flap motor

F36	Clutch pedal switch
G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
S102	Engine control unit fuse
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
V157	Intake manifold flap motor
12	Earth point, in engine compartment, left
C33	Connection -5-, in headlight wiring harness



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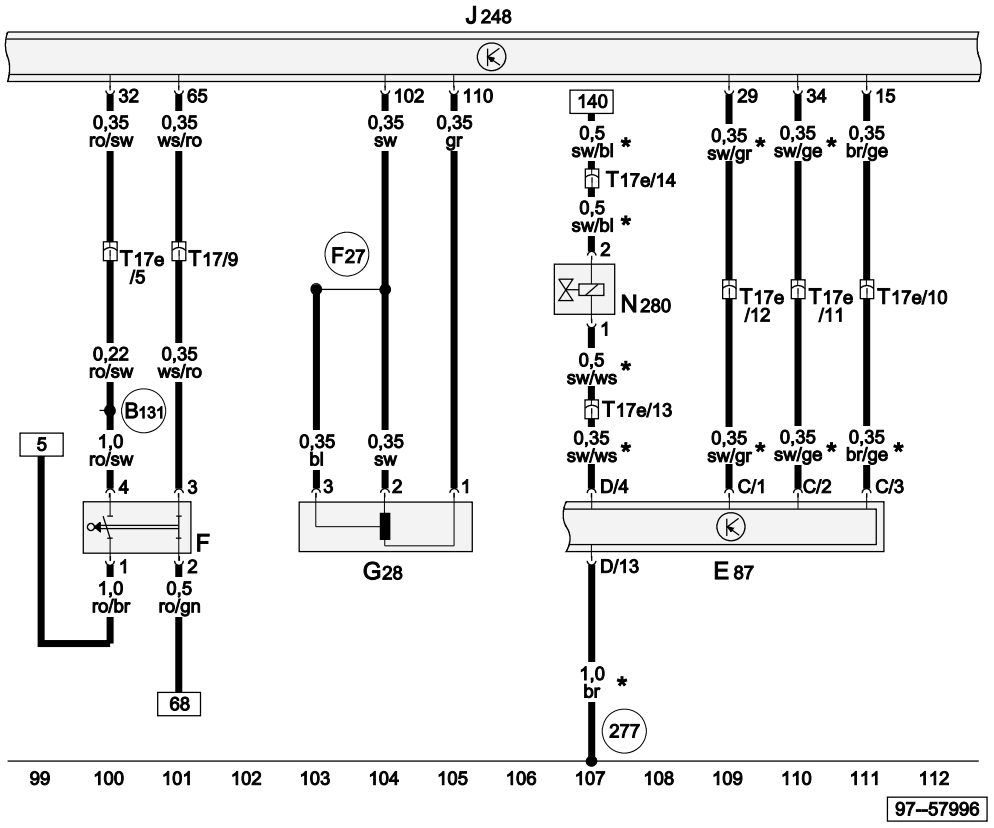
Air conditioning system/Climatronic operating and display unit, brake light switch, engine speed sender

E87	Air conditioning system/Climatronic operating and display unit
F	Brake light switch
G28	Engine speed sender
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
277	Earth connection -3-, in interior wiring harness
B131	Connection (54), in interior wiring harness
F27	Connection (screening), in diesel direct injection wiring harness
*	Only applies to models with air conditioner



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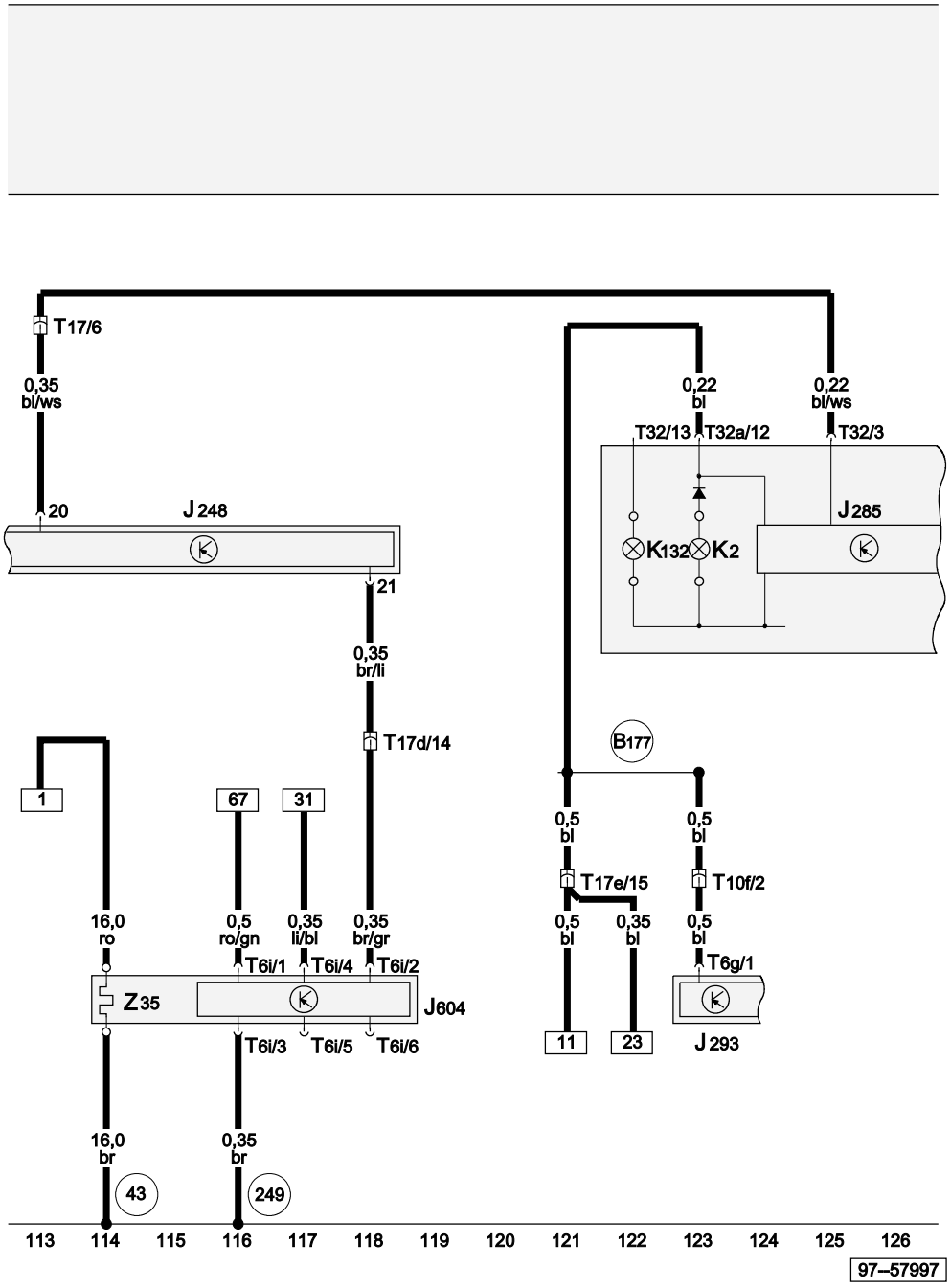

Control unit with display in dash panel insert, radiator fan control unit, additional air heater control unit

J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
J604	Additional air heater control unit
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T6g	6-pin connector, black, on radiator fan control unit
T6i	6-pin connector, black, on additional air heater control unit (PTC 1500 W)
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
249	Earth connection -2-, in interior wiring harness
B177	Connection (61), in interior wiring harness

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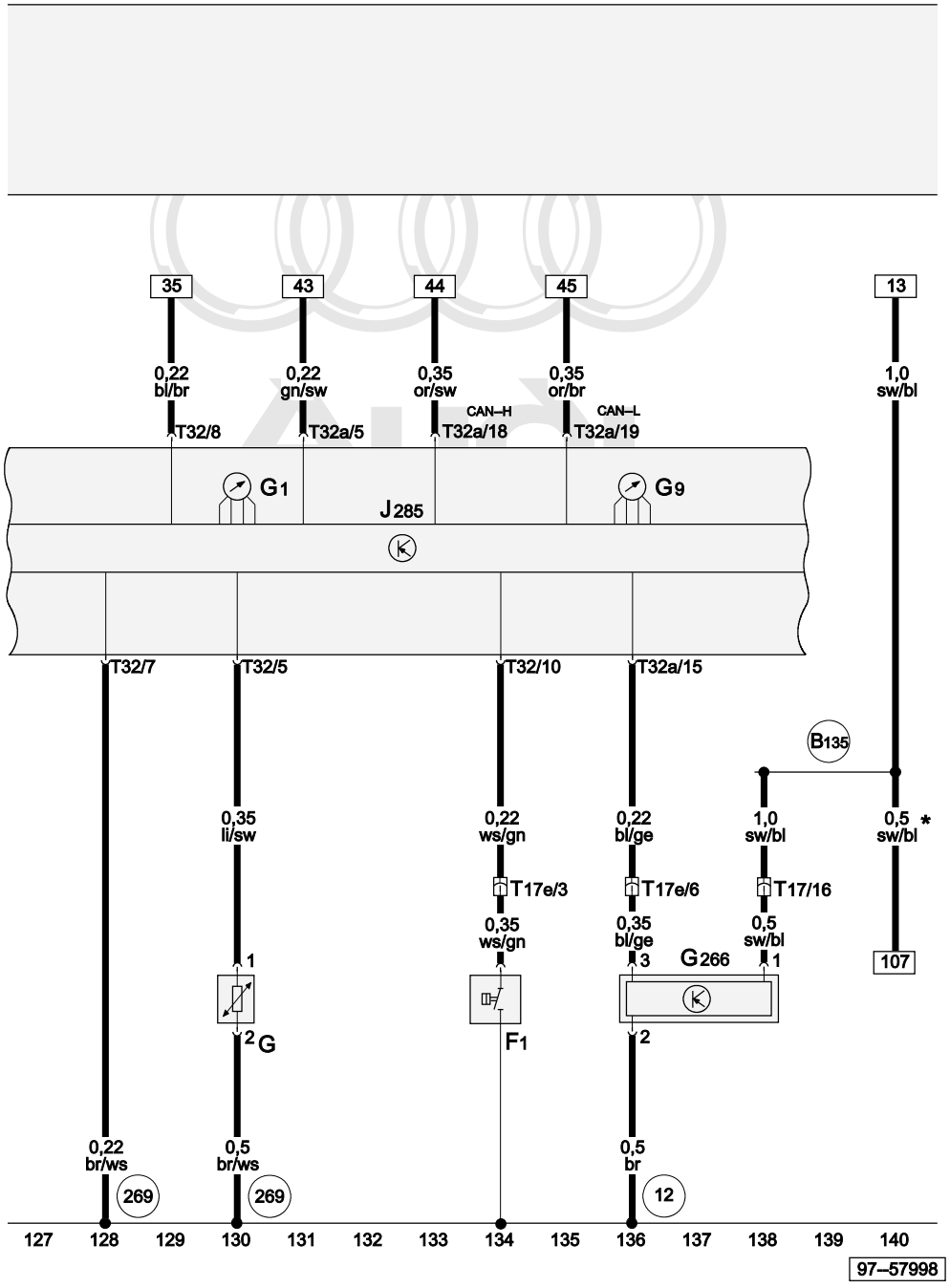

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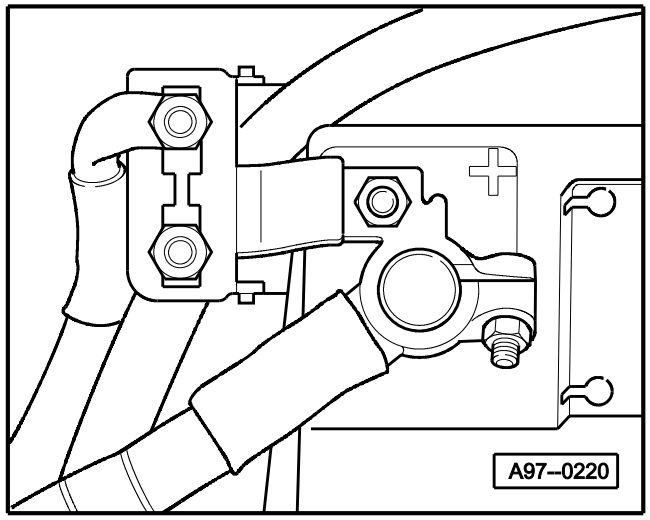
Oil pressure switch, oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioner

1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF

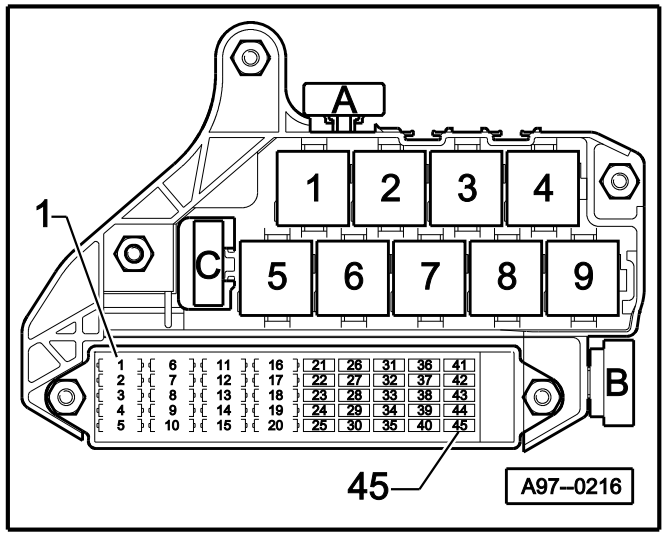
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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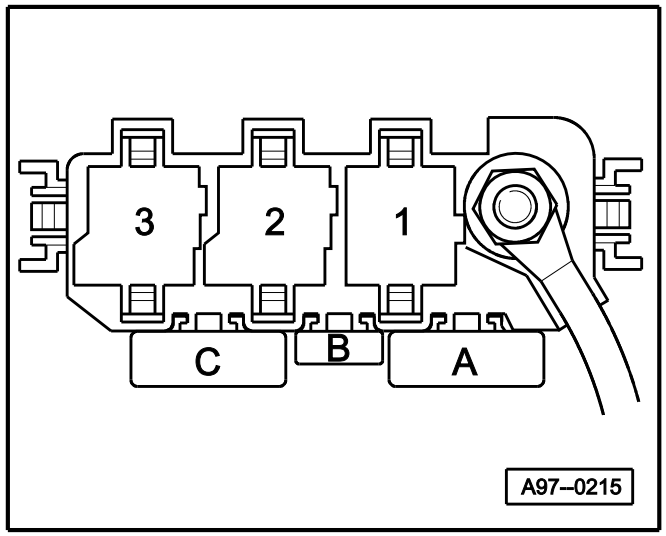
♦ In dash panel, driver's side

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

1 - Relay for glow plugs (J52)
2 - Terminal 30 voltage supply relay (J317)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)

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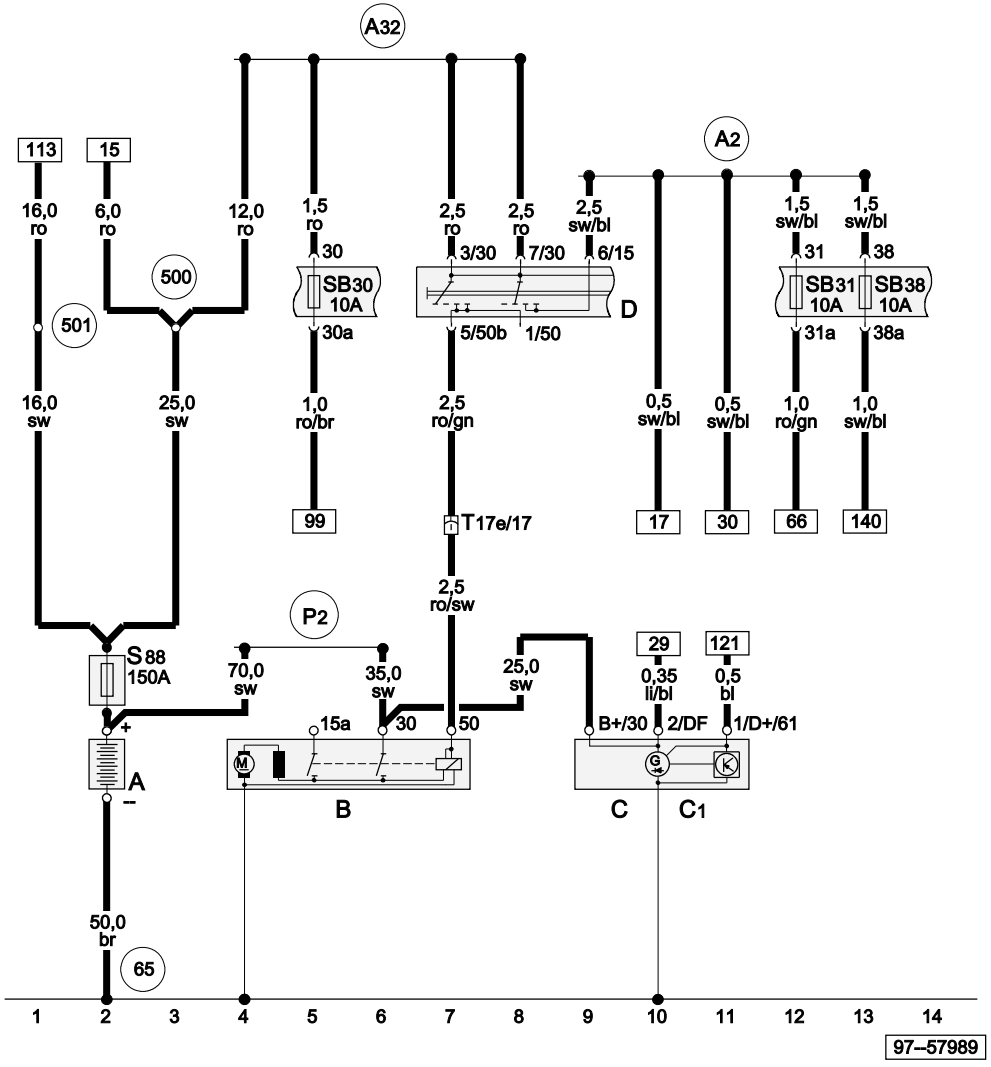

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bl = blue
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li = purple
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or = orange
rs = pink

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S88	Strip fuse
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
501	Screw connection -2- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
P2	Positive (+) connection (30), in battery wiring harness

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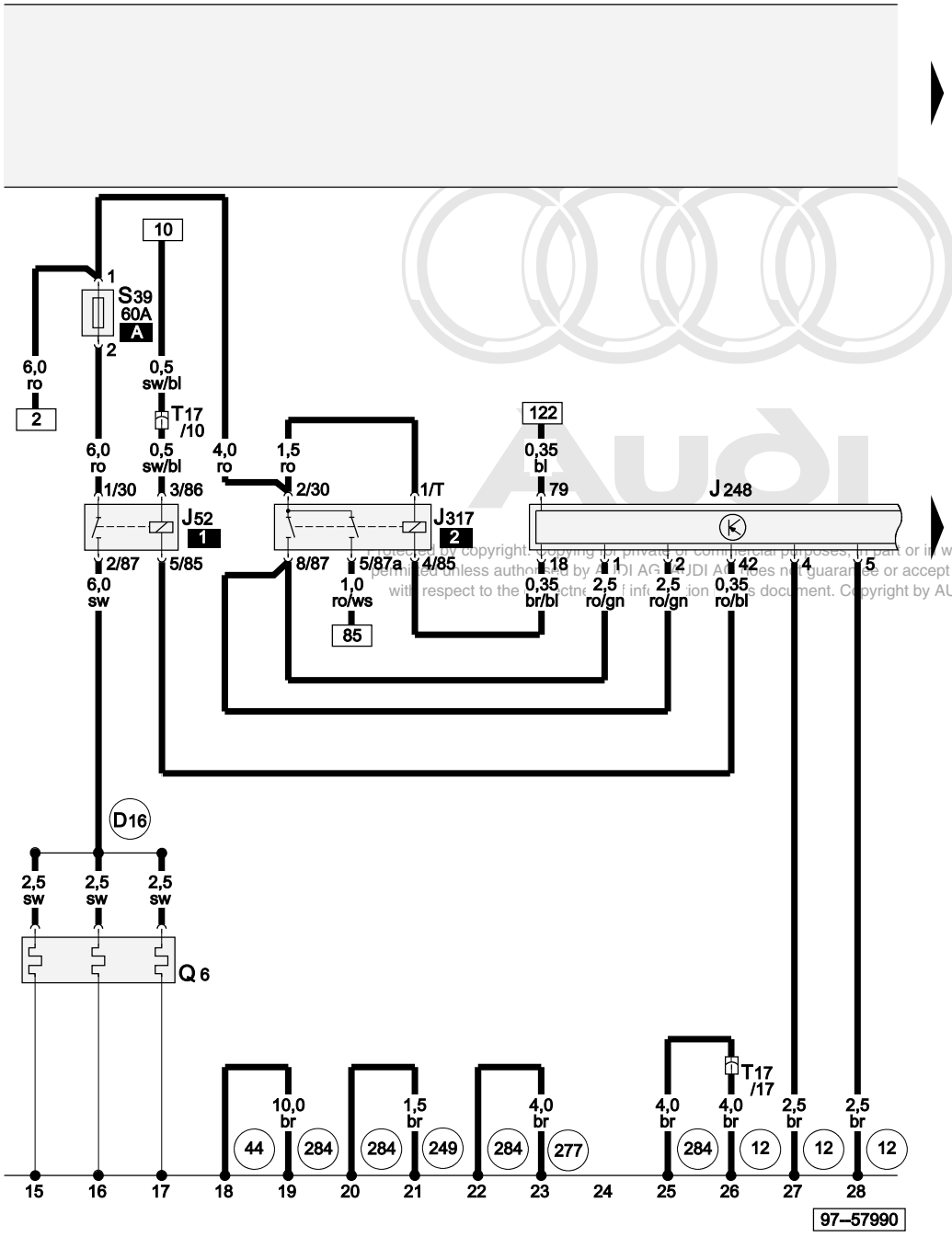

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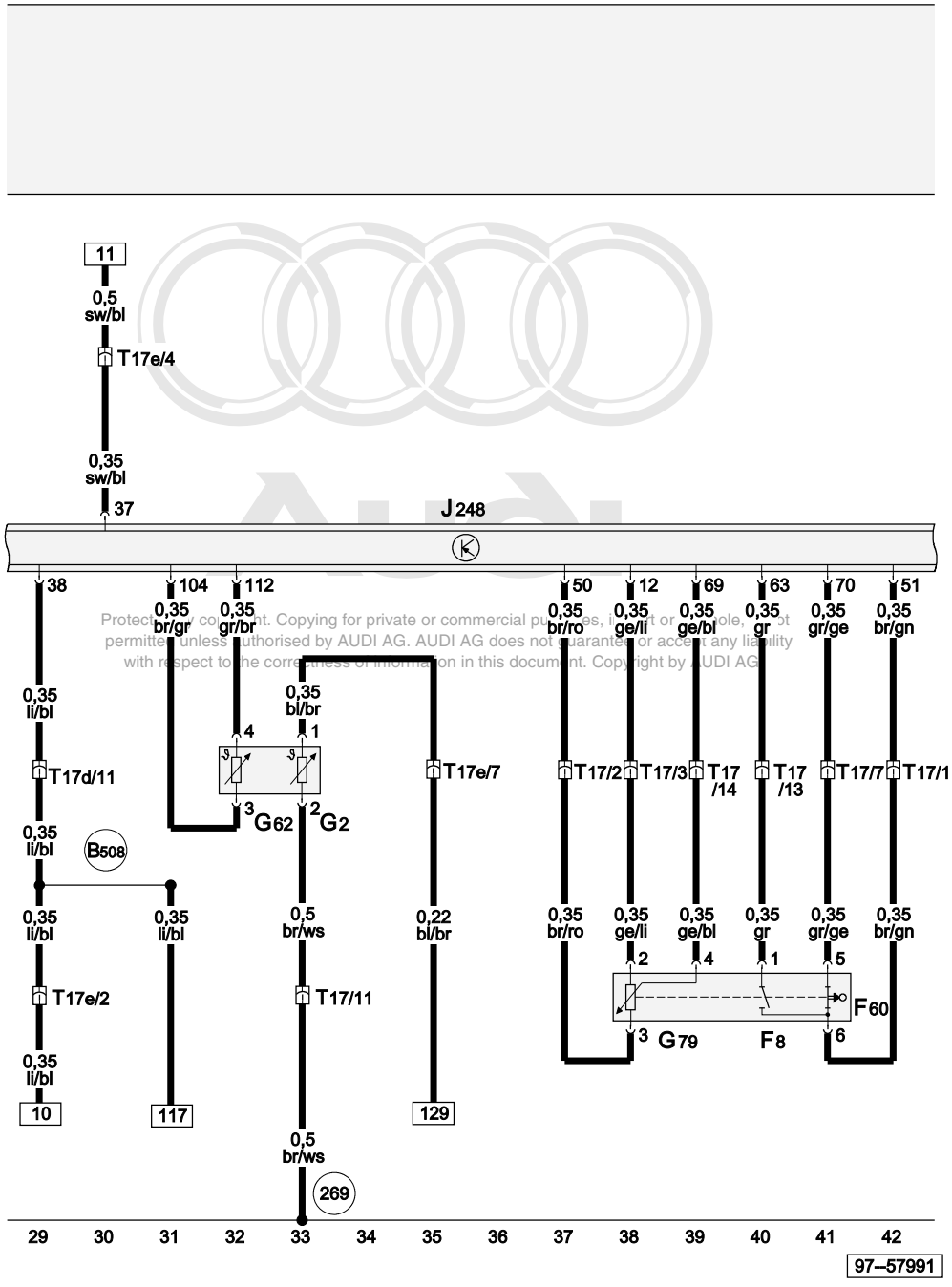
Relay for glow plugs, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plugs (engine)

J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs - engine
T17	17-pin connector, brown, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
D16	Connection (glow plugs), in front right wiring harness

Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit



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F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B508	Connection (DF), in interior wiring harness

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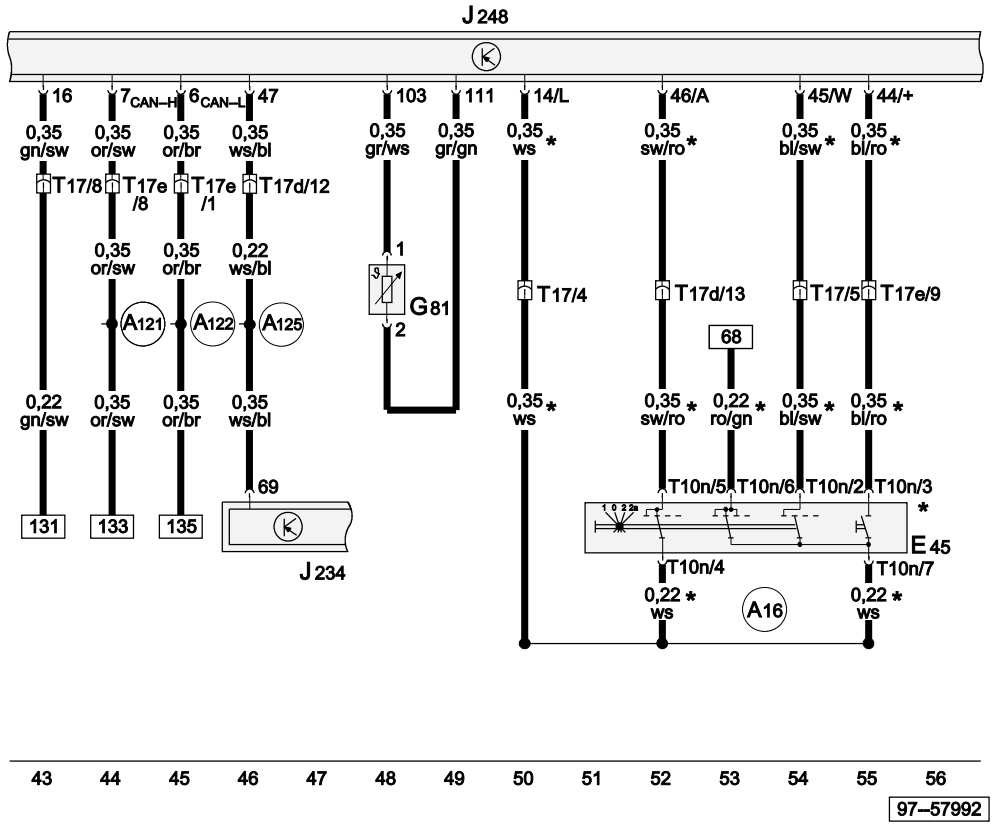
rs	=	pink

Cruise control system switch, fuel temperature sender, airbag control unit, diesel direct injection system control unit

E45	Cruise control system switch
G81	Fuel temperature sender
J234	Airbag control unit
J248	Diesel direct injection system control unit
T10n	10-pin connector, black, behind steering column switch trim
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A16	Connection (cruise control system), in dash panel 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
*	Only applies to models with cruise control system



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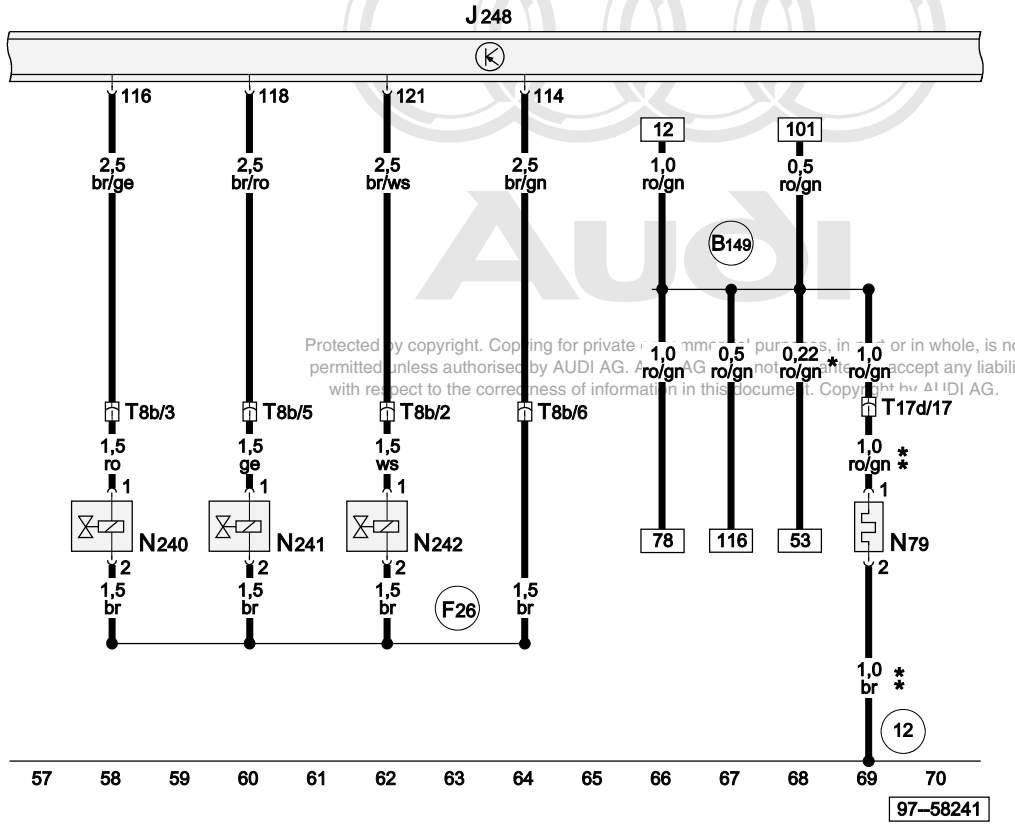
Diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, No. 1 cylinder
N241	Unit injector solenoid valve, No. 2 cylinder
N242	Unit injector solenoid valve, No. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17d	17-pin connector, green, in footwell, front left
12	Earth point, in engine compartment, left
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with cruise control system
**	Only applies to models with heater element (crankcase breather)



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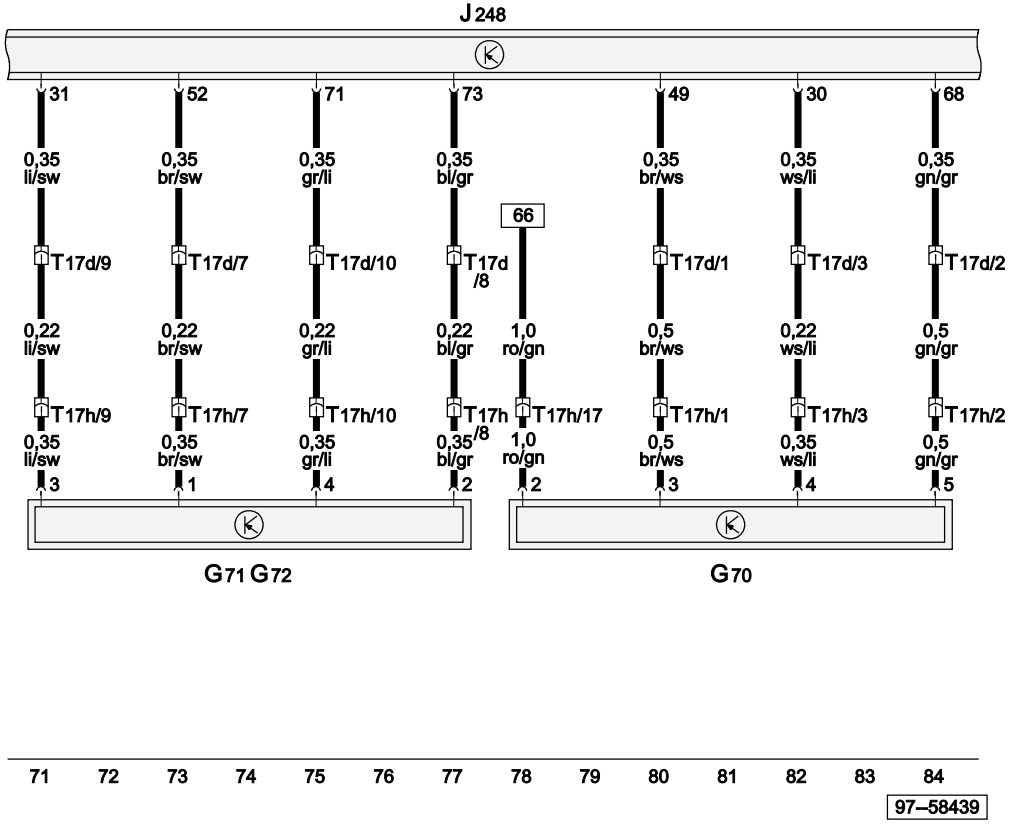
Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right



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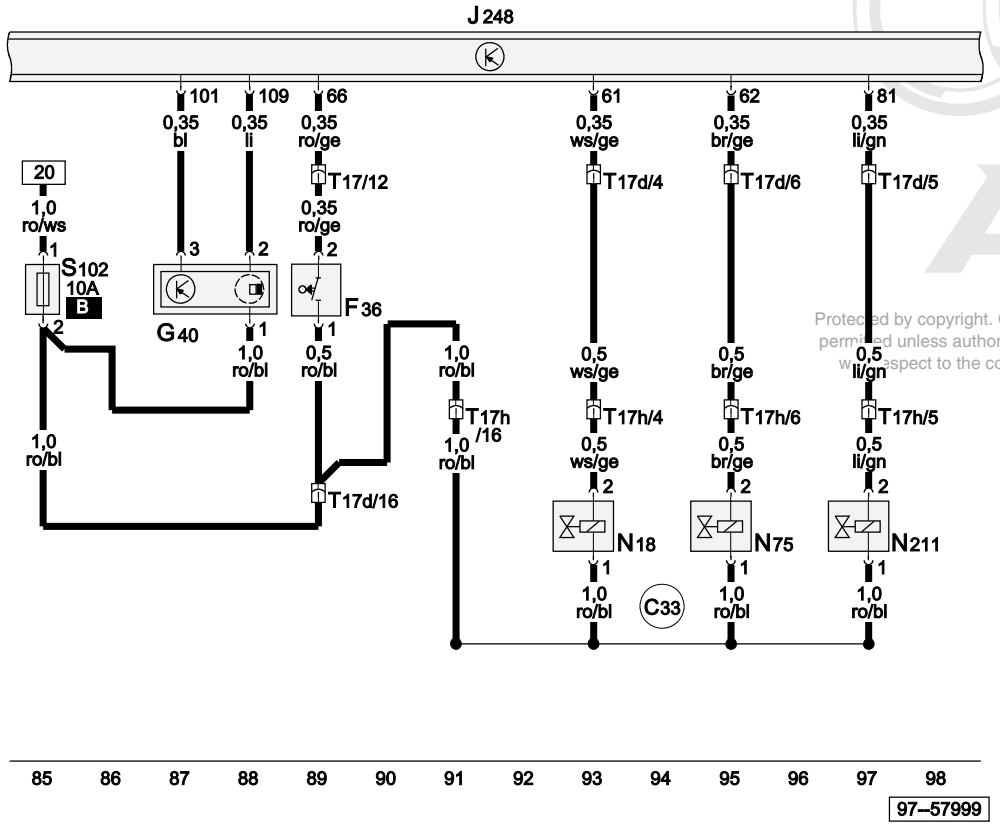
Clutch pedal switch, Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, throttle butterfly valve, engine control unit fuse

F36	Clutch pedal switch
G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N211	Throttle butterfly valve
S102	Engine control unit fuse
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
C33	Connection -5-, in headlight wiring harness



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Air conditioning system/Climatronic operating and display unit, brake light switch, engine speed sender

E87	Air conditioning system/Climatronic operating and display unit
F	Brake light switch
G28	Engine speed sender
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
277	Earth connection -3-, in interior wiring harness
B131	Connection (54), in interior wiring harness
F27	Connection (screening), in diesel direct injection wiring harness
*	Only applies to models with air conditioner

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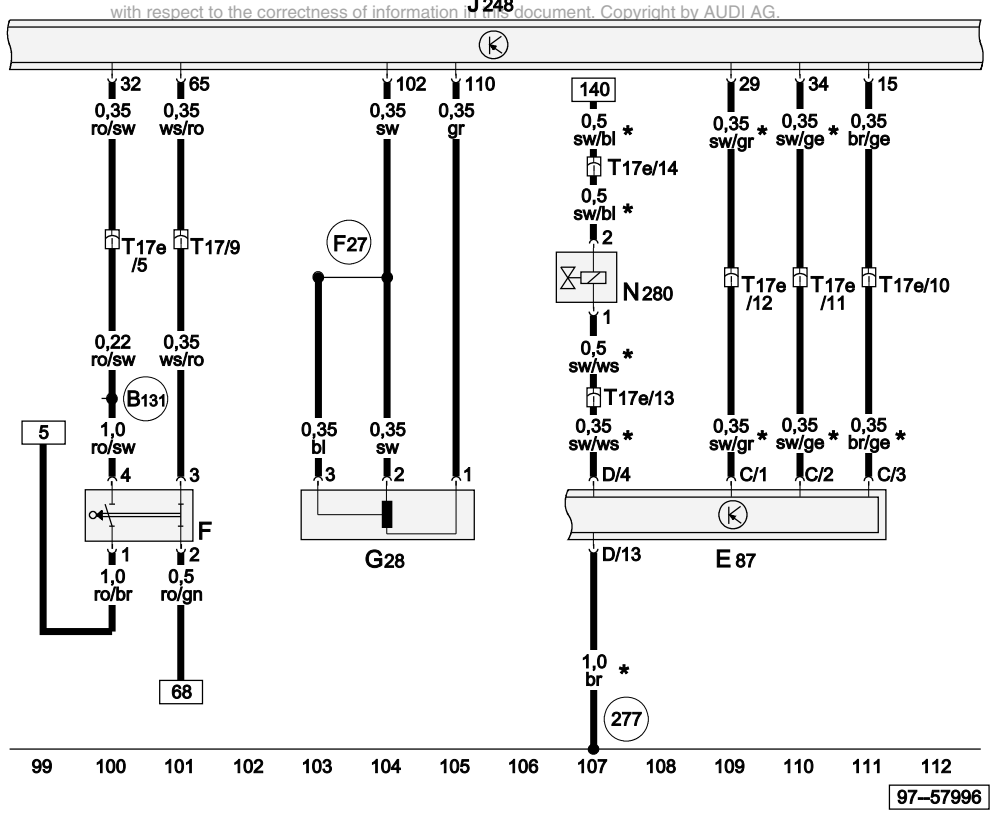

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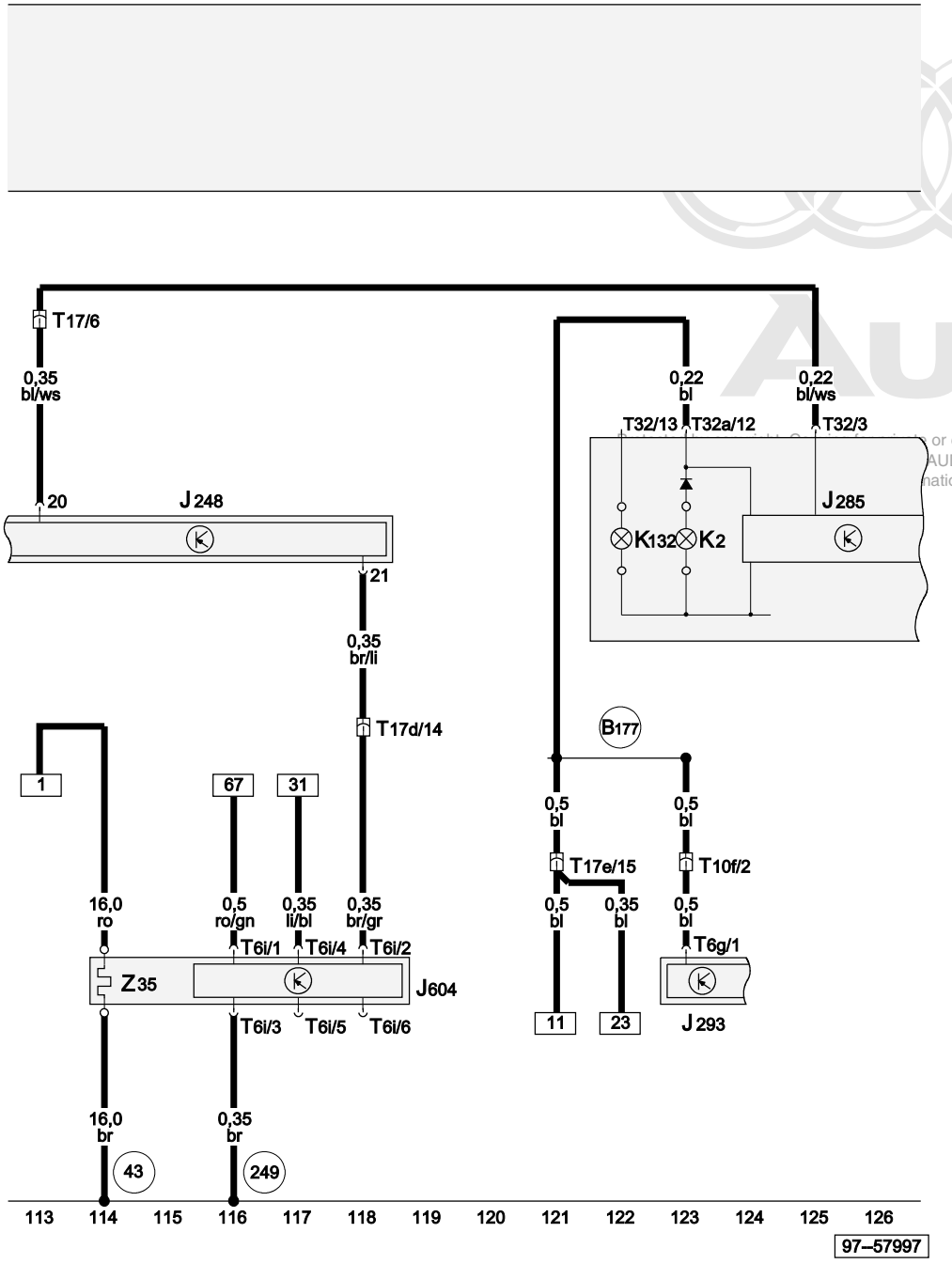

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Control unit with display in dash panel insert, radiator fan control unit, additional air heater control unit

J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
J604	Additional air heater control unit
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T6g	6-pin connector, black, on radiator fan control unit
T6i	6-pin connector, black, on additional air heater control unit (PTC 1500 W)
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
249	Earth connection -2-, in interior wiring harness
B177	Connection (61), in interior wiring harness

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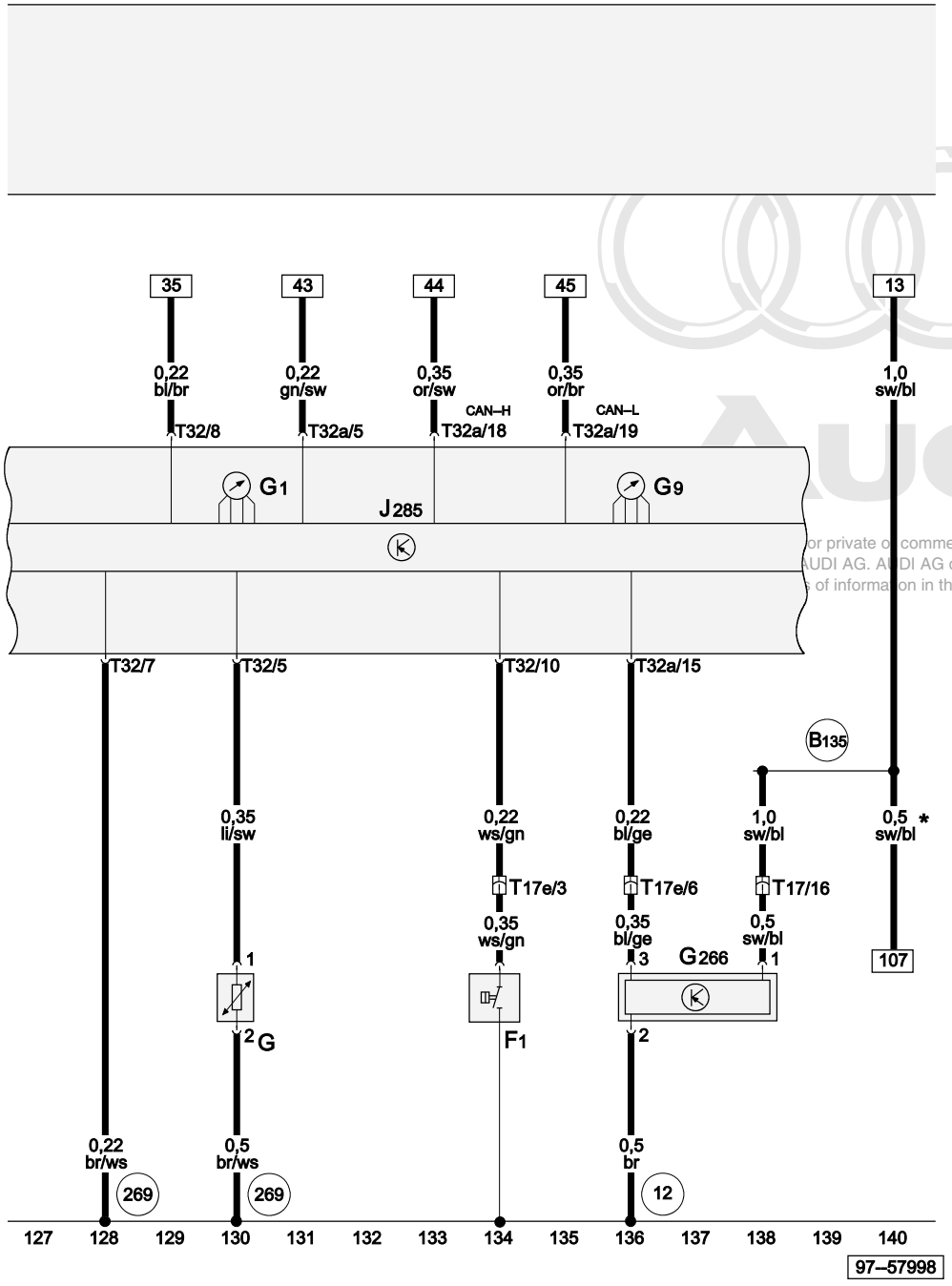
Oil pressure switch, oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioner



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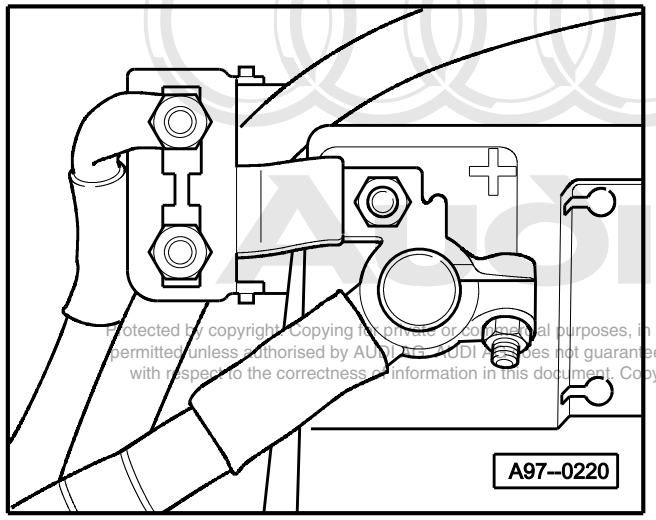
1.2 litre unit injector, TDI engine (45 kW - 3-cylinder), engine code ANY

From model year 2004

Main fuse



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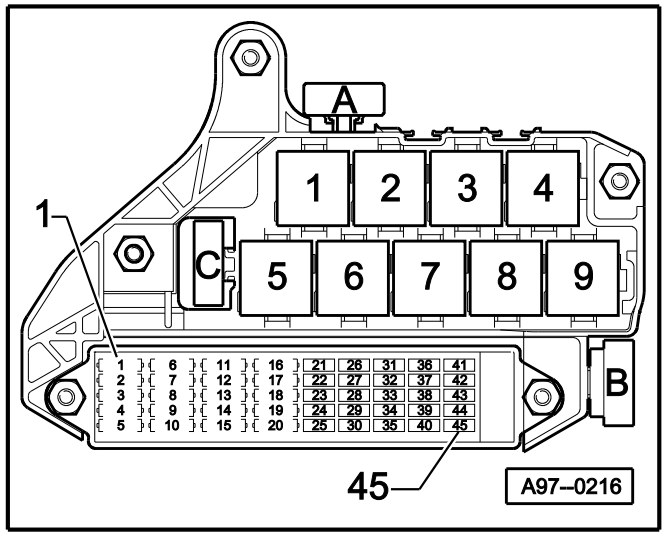
- On battery

9-point relay carrier, fuse box



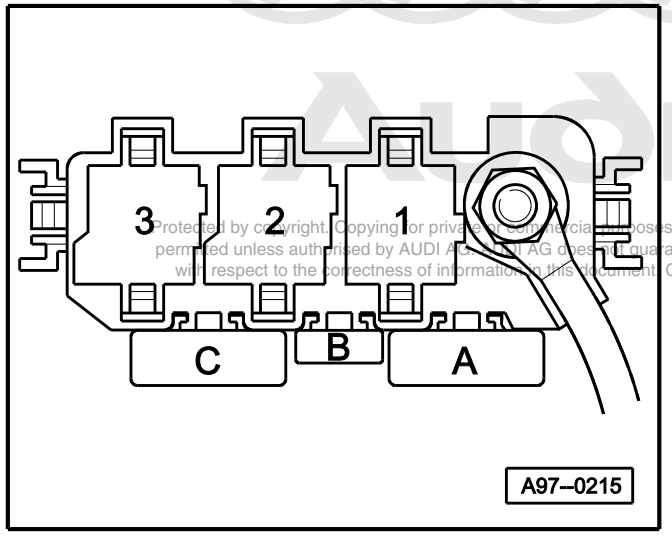
♦ In dash panel, driver's side

4 - High heat output relay (J360)
8 - Low heat output relay (J359)
B - Additional heater fuse (S126)

Fuse colours

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

3-point relay carrier



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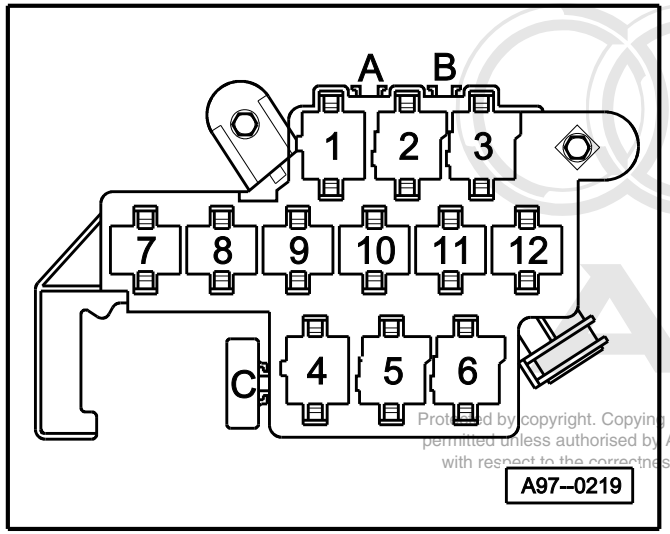
♦ In footwell, front left

1 - Relay for glow plugs (J52)
2 - Terminal 30 voltage supply relay (J317)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)

6+6-point relay carrier



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◆ In footwell, front left

1 - Starter inhibitor and reversing light relay (J226)

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J226	Starter inhibitor and reversing light relay
S88	Strip fuse
T17a	17-pin connector, red, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
P2	Positive (+) connection (30), in battery wiring harness
*	Only applies to models without additional heater
**	Only applies to models with electric additional heater (PTC 900 W)

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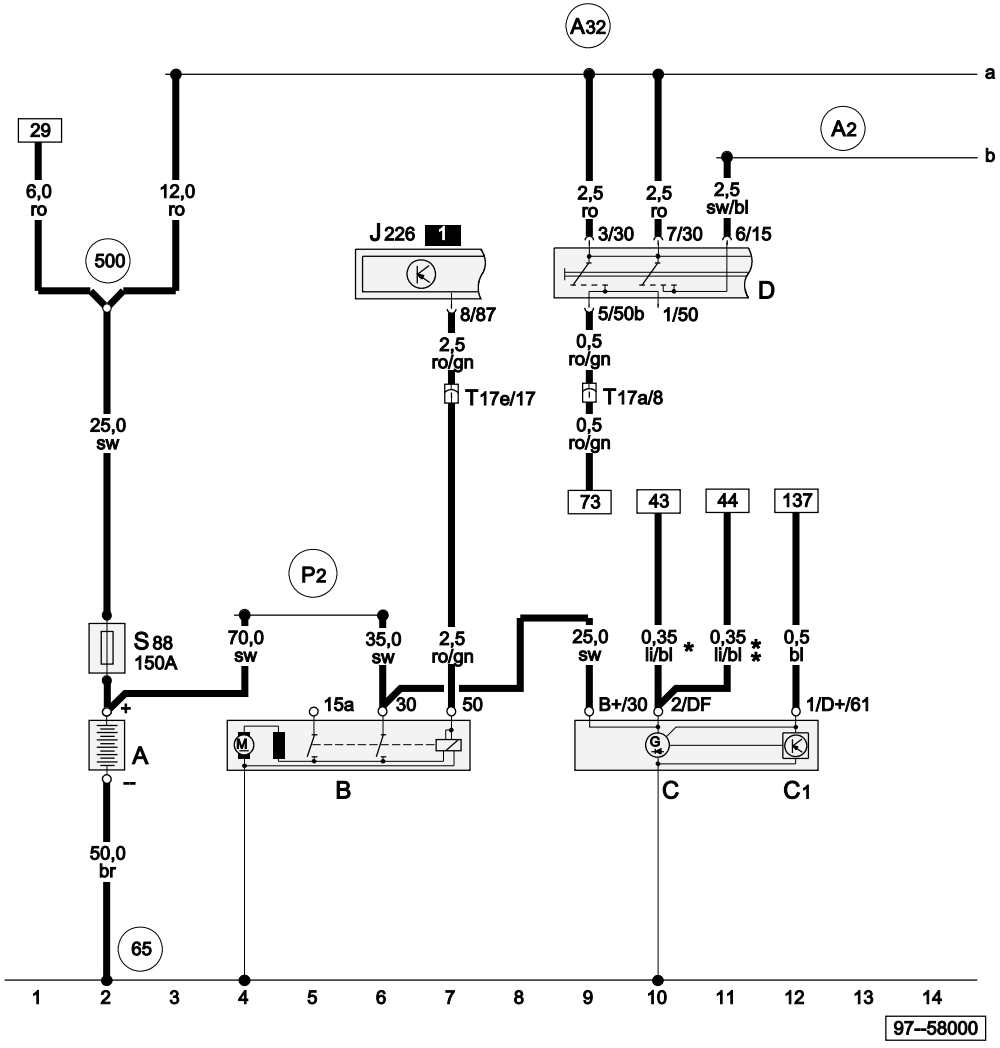

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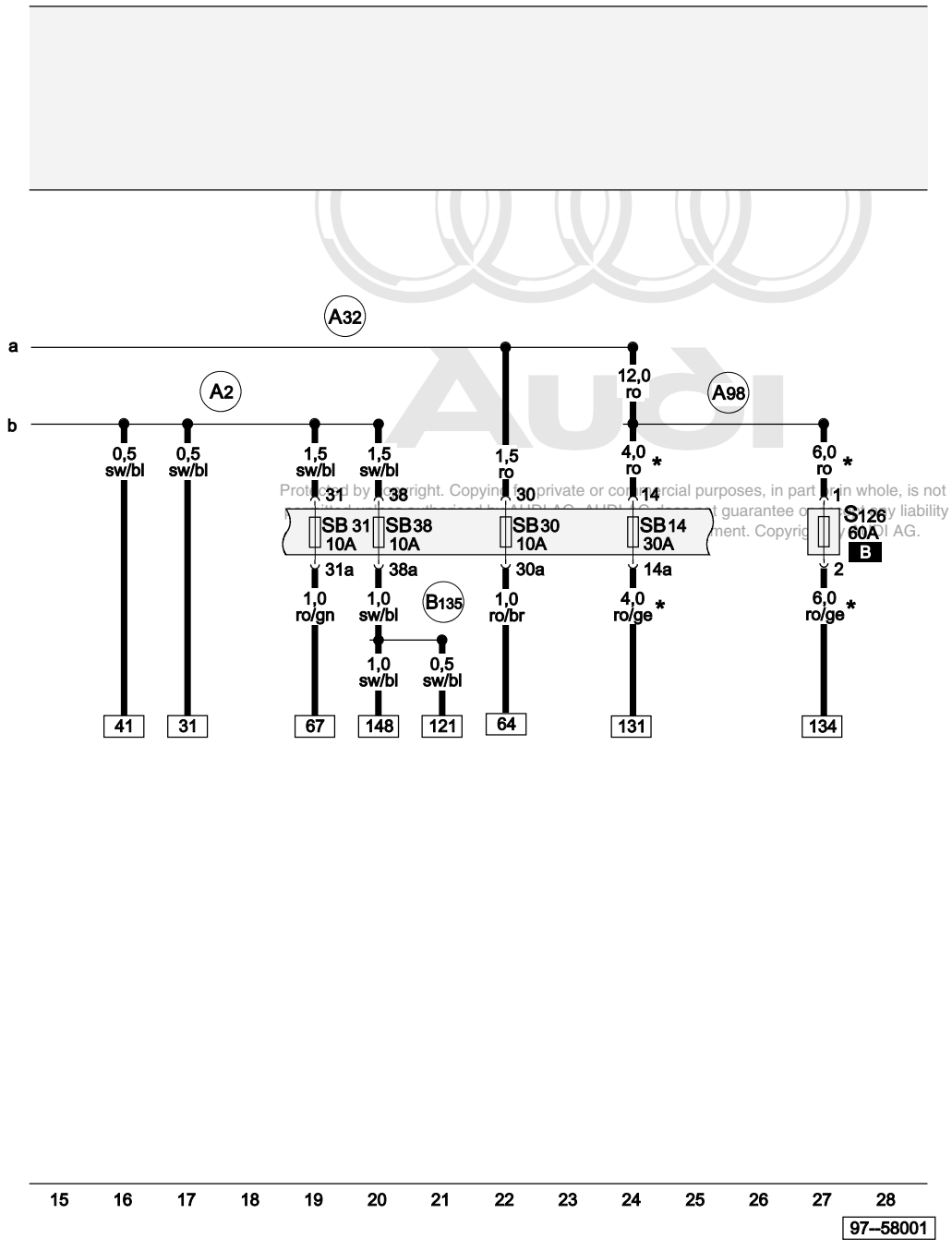
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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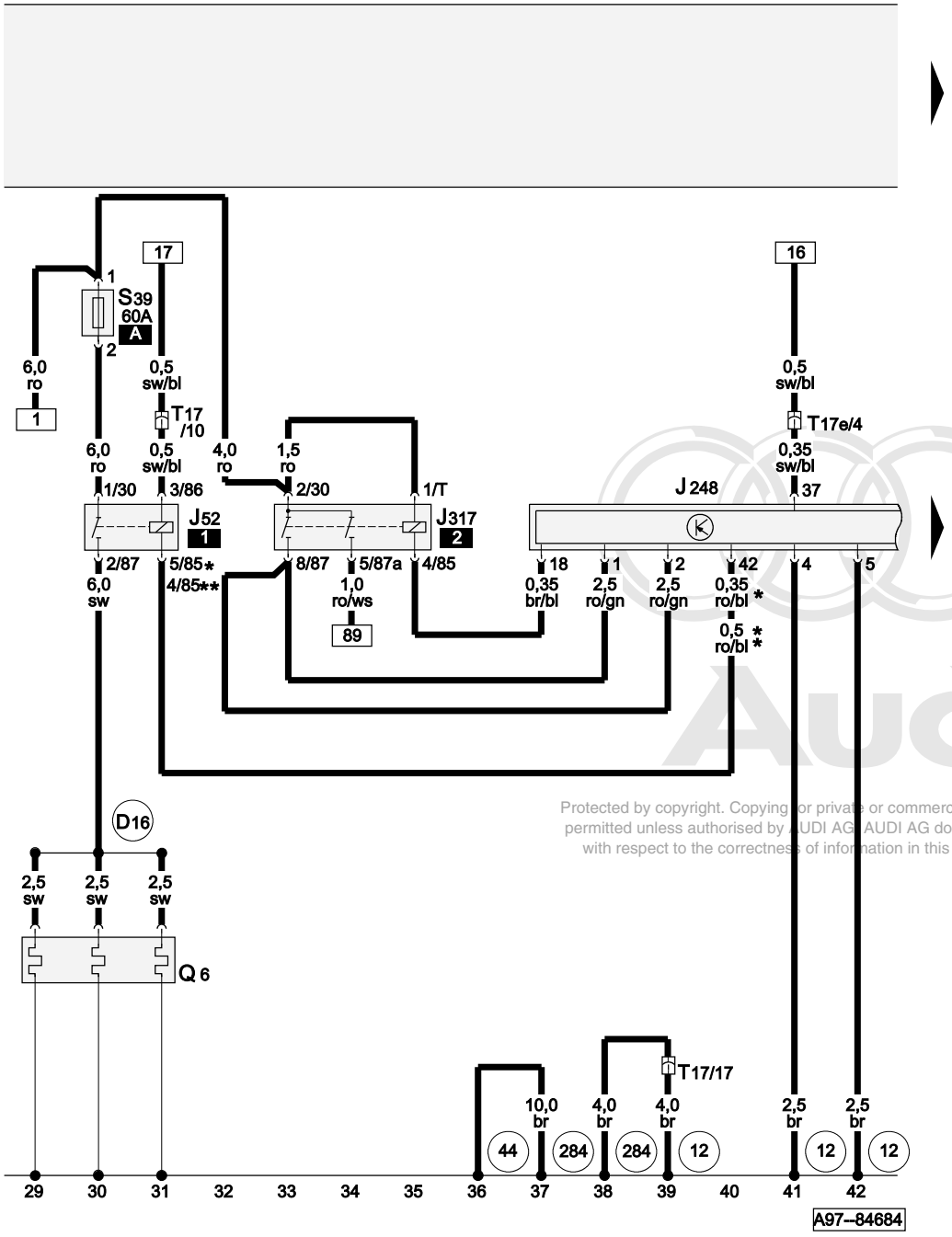
Additional heater fuse, fuses on fuse box

S126	Additional heater fuse
SB14	Fuse -14- on fuse box
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with electric additional heater (PTC 900 W)

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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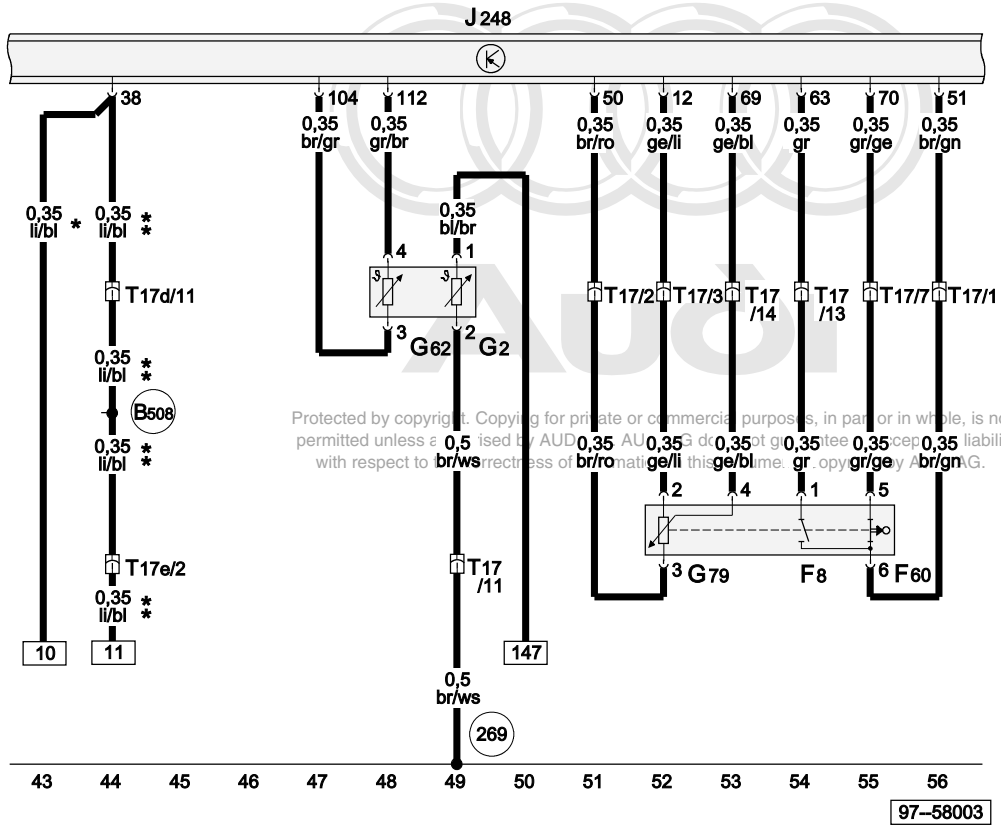
Relay for glow plugs, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plugs - (engine)

J52	Glow plug relay
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs - engine
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
44	Earth point, A pillar, bottom left
284	Earth connection -6-, in interior wiring harness
D16	Connection (glow plugs), in front right wiring harness
*	Applicable up to model year 2004
**	Applicable from model year 2005

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

Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B508	Connection (DF), in interior wiring harness
*	Only applies to models without additional heater
**	Only applies to models with electric additional heater (PTC 900 W)



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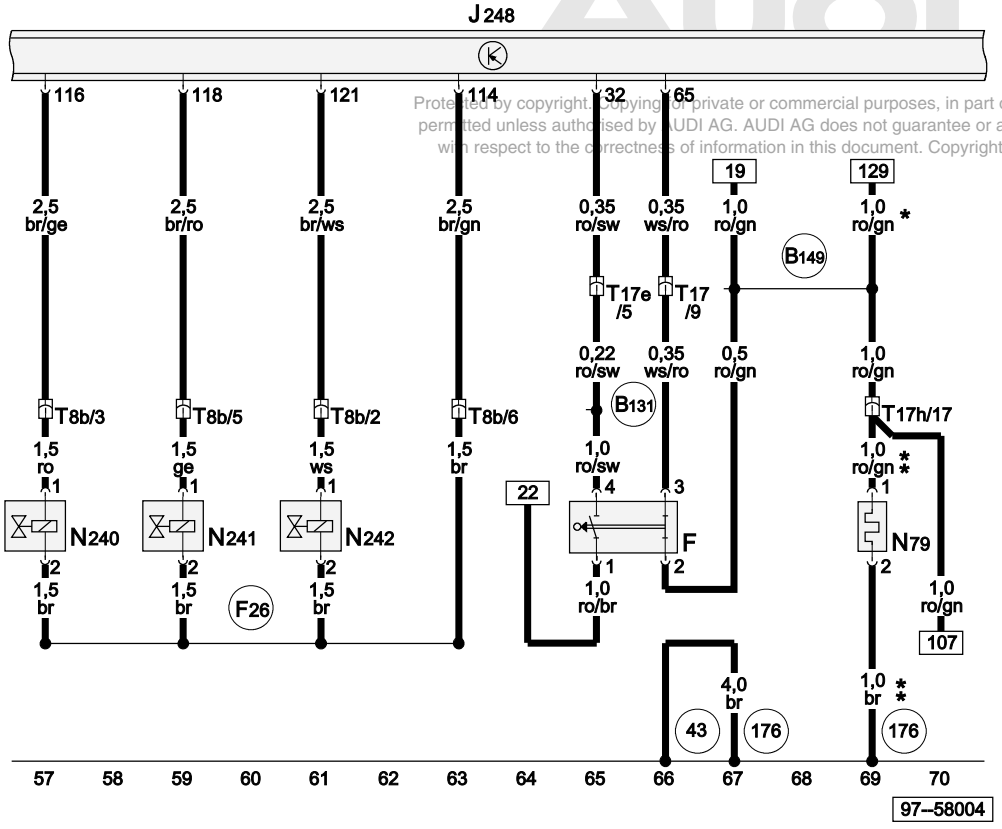

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Brake light switch, diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

F	Brake light switch
J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, no. 1 cylinder
N241	Unit injector solenoid valve, no. 2 cylinder
N242	Unit injector solenoid valve, no. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
43	Earth point, lower part of right A pillar
176	Earth connection, in right headlight wiring harness
B131	Connection (54), in interior wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with electric additional heater (PTC 900 W)
**	Only applies to models with heater element (crankcase breather)

Engine speed sender, fuel temperature sender, diesel direct injection system control unit, electronic manual gearbox control unit

G28	Engine speed sender
G81	Fuel temperature sender
J248	Diesel direct injection system control unit
J514	Electronic manual gearbox control unit
T10s	10-pin connector, white, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
F27	Connection (screening), in diesel direct injection wiring harness

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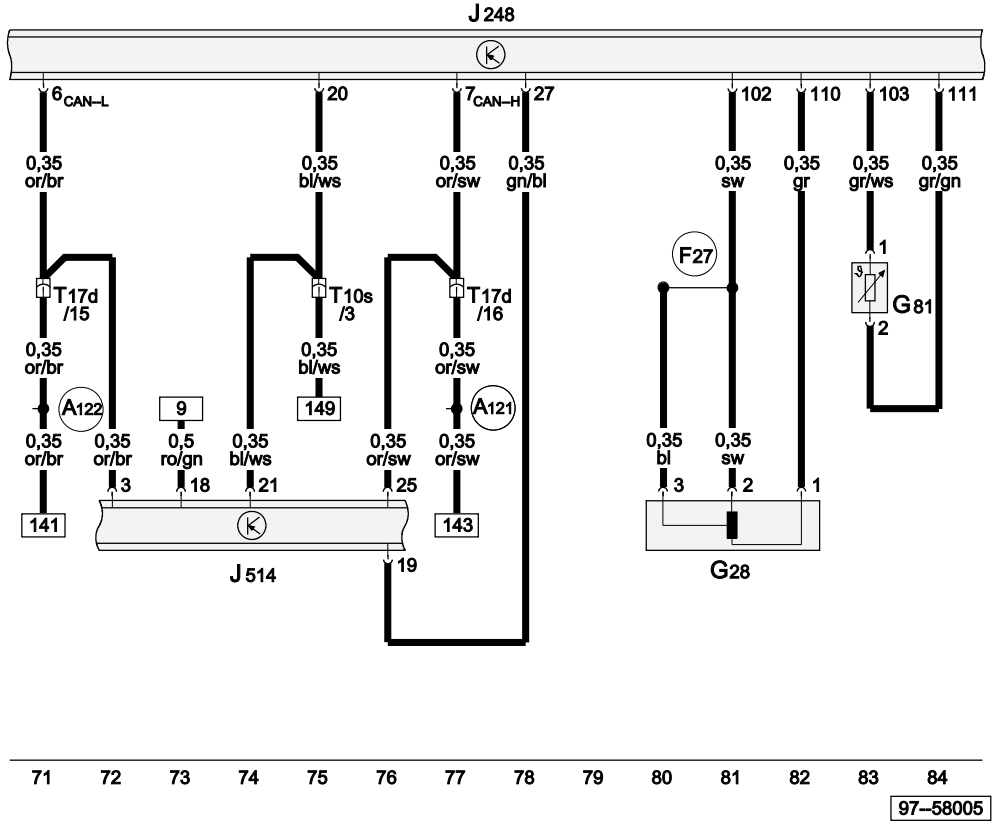

ws = white
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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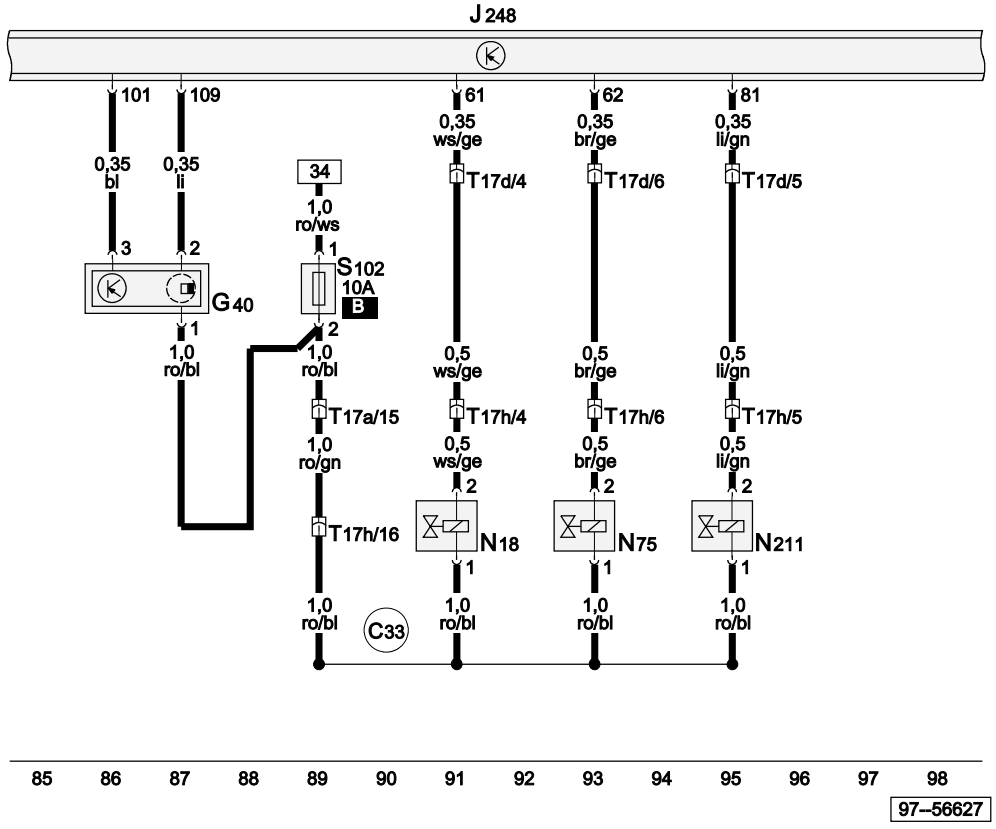

Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, throttle butterfly valve, engine control unit fuse

G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
N211	Throttle butterfly valve
S102	Engine control unit fuse
T17a	17-pin connector, red, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
C33	Connection -5-, in headlight wiring harness

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sw	=	black
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br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right

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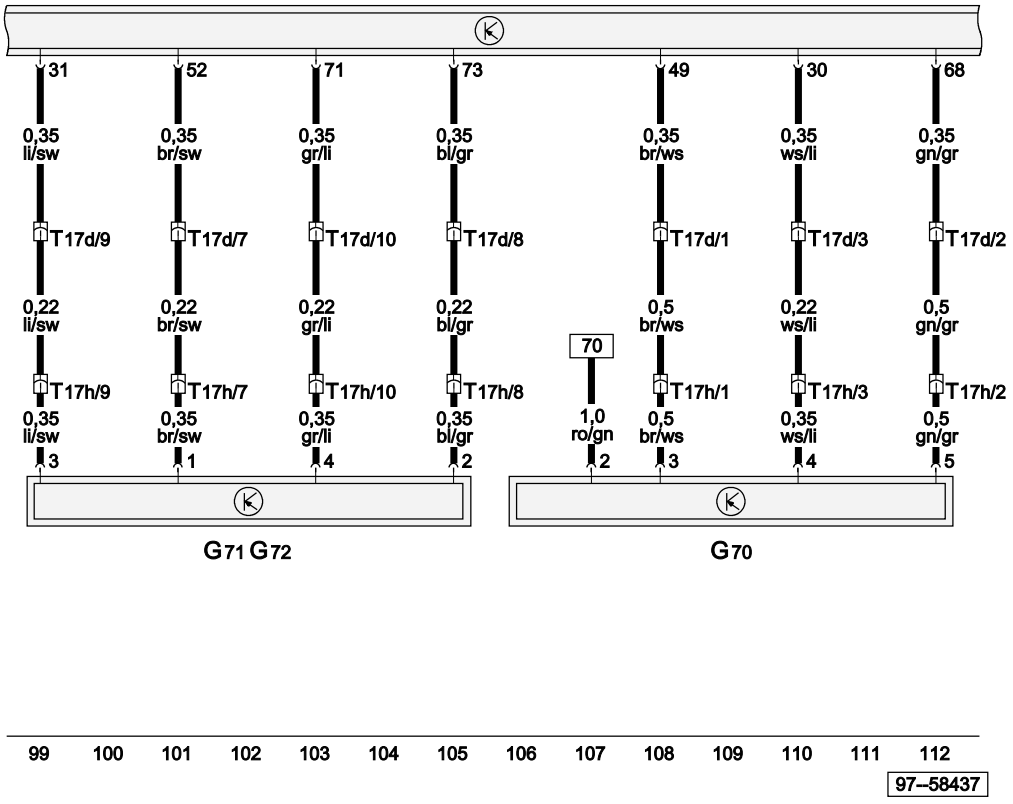

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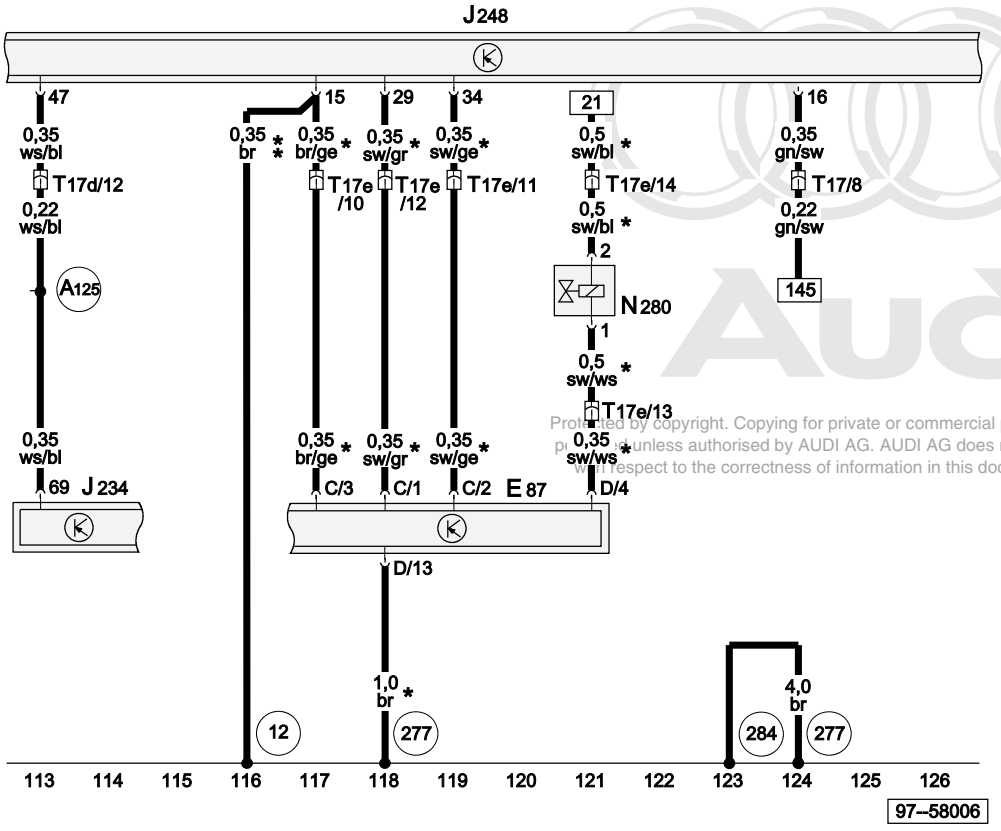
Air conditioning system/Climatronic operating and display unit, airbag control unit, diesel direct injection system control unit

E87	Air conditioning system/Climatronic operating and display unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
12	Earth point, in engine compartment, left
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models with air conditioning system
**	Only applies to models without air conditioning system



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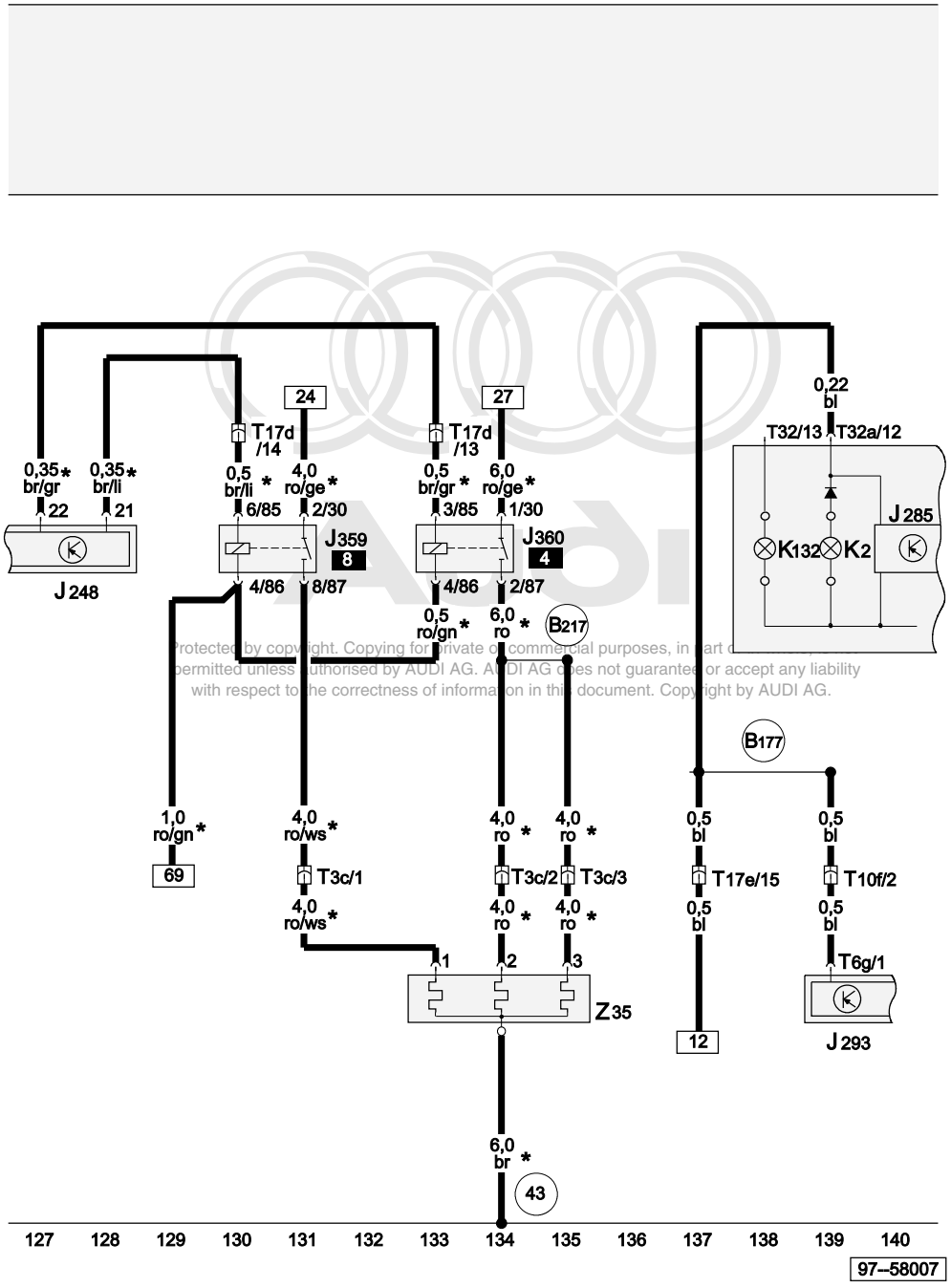

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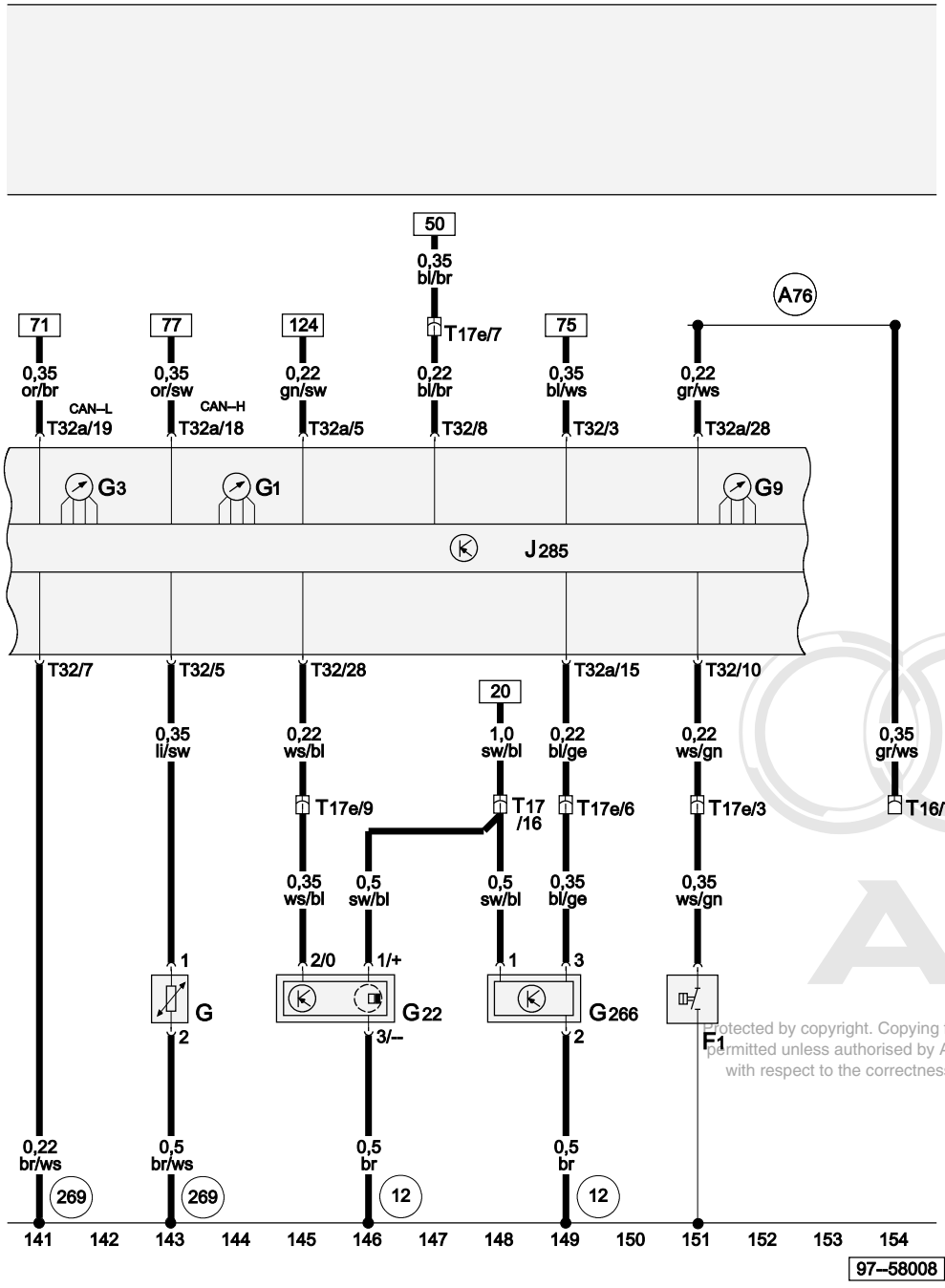
Radiator fan control unit, low heat output relay, high heat output relay, additional heating heater element

J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T3c	3-pin connector, black, behind driver's storage compartment
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
B177	Connection (61), in interior wiring harness
B217	Connection (additional heater), in interior wiring harness
*	Only applies to models with electric additional heater (PTC 900 W)

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



Oil pressure switch, speedometer sender, oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G9	Oil temperature gauge
G22	Speedometer sender (Hall sender, on gearbox)
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness

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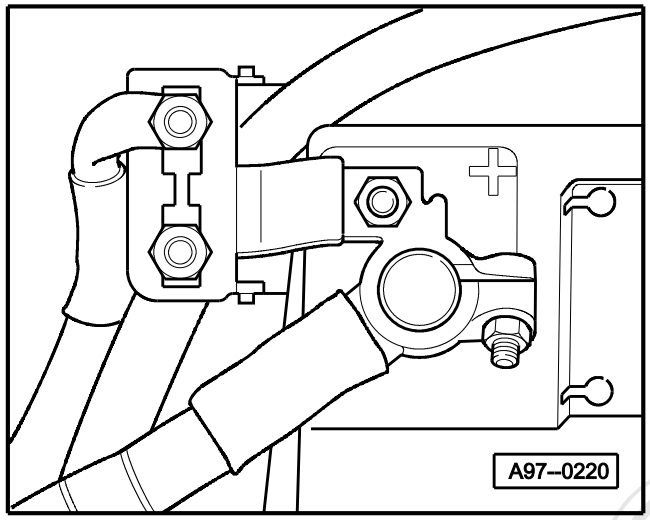
or	=	orange
rs	=	pink

1.6 litre FSI engine (81 kW - Motronic - 4-cylinder), engine code BAD

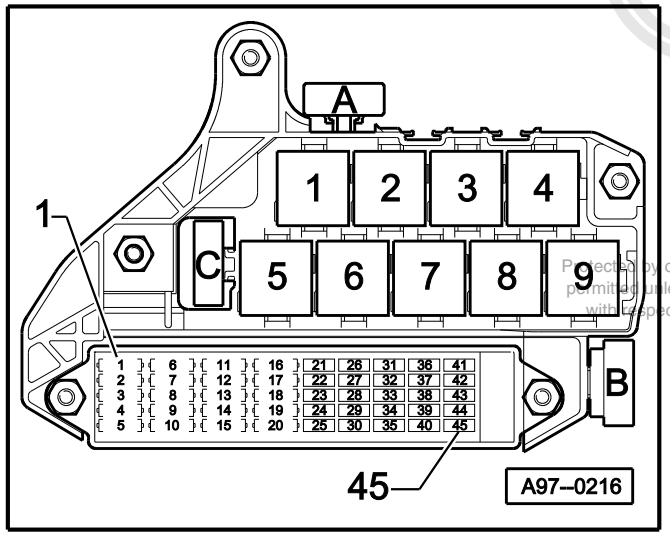
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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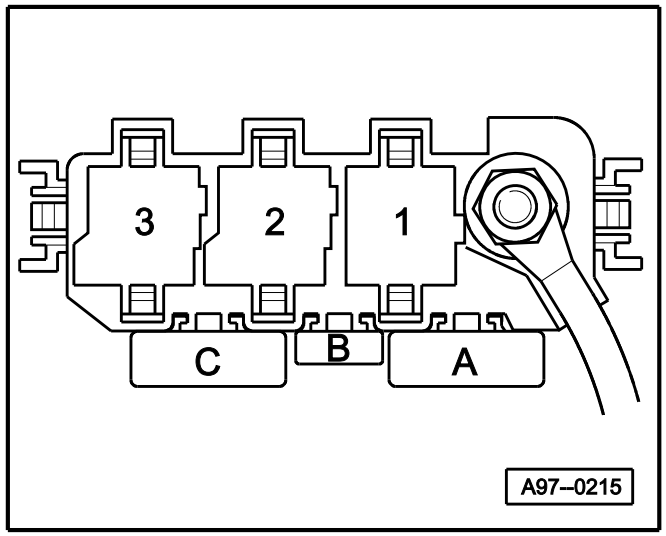
♦ In dash panel, driver's side

Fuse colours

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

3-point relay carrier



♦ In footwell, front left

1 - Motronic current supply relay (J271)
A - Engine control unit fuse (S102)
B - Air mass meter fuse (S74)

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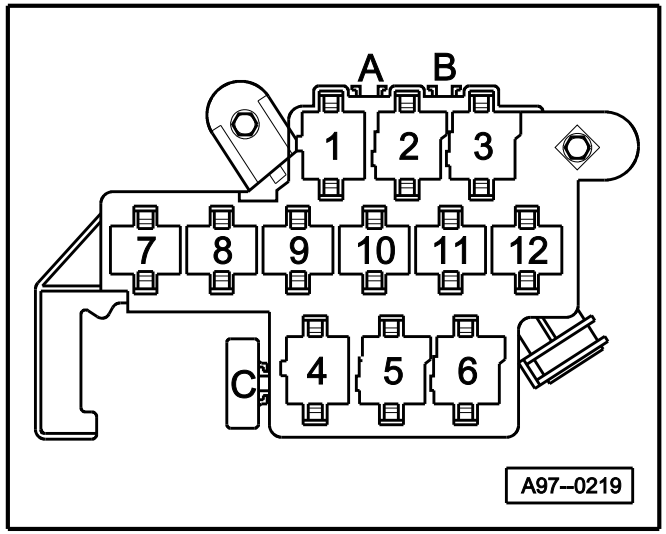
6+6-point relay carrier



◆ In footwell, front left

5 - Fuel pump relay (J17)

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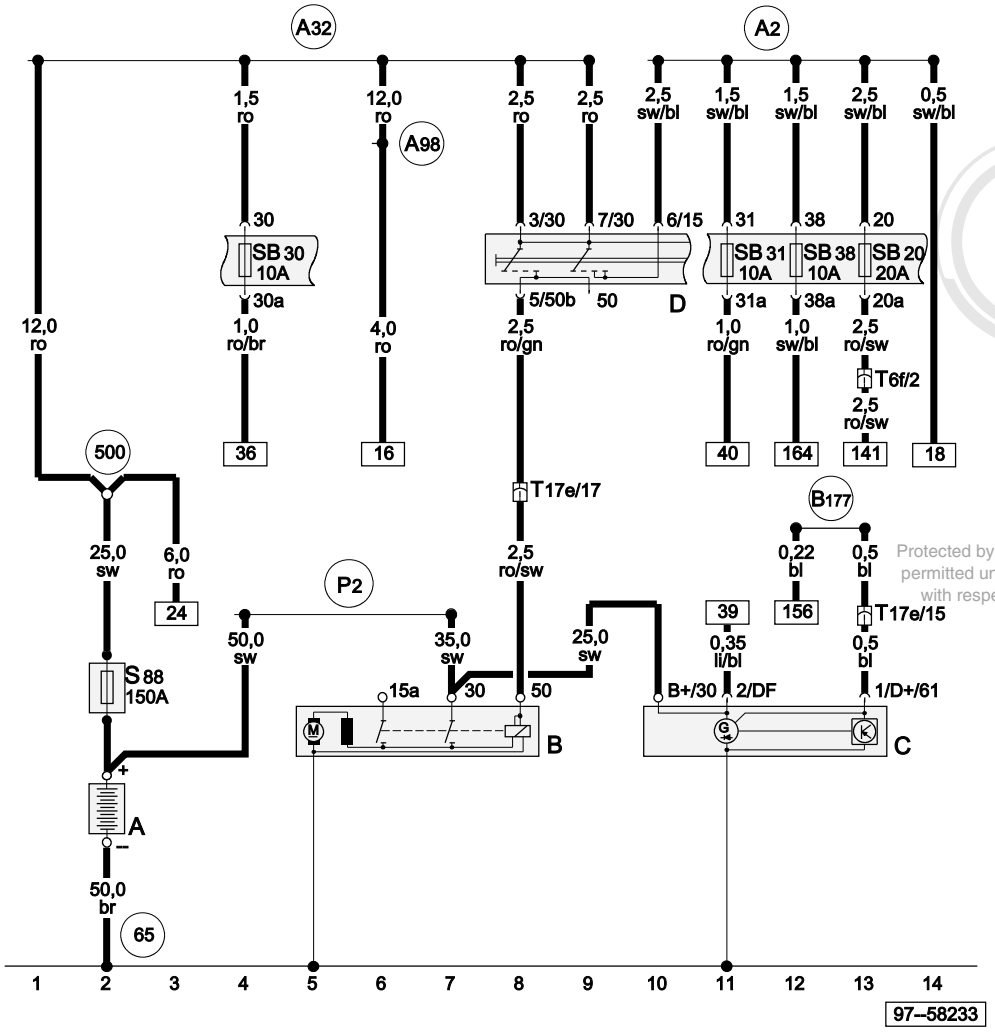
Battery, starter, alternator, ignition/starter switch, fuses on fuse box

A	Battery
B	Starter
C	Alternator
D	Ignition/starter switch
S88	Strip fuse
SB20	Fuse -20- on fuse box
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
T6f	6-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
65	Earth point, left longitudinal member, rear, between B and C pillar
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B177	Connection (61), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
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or = orange
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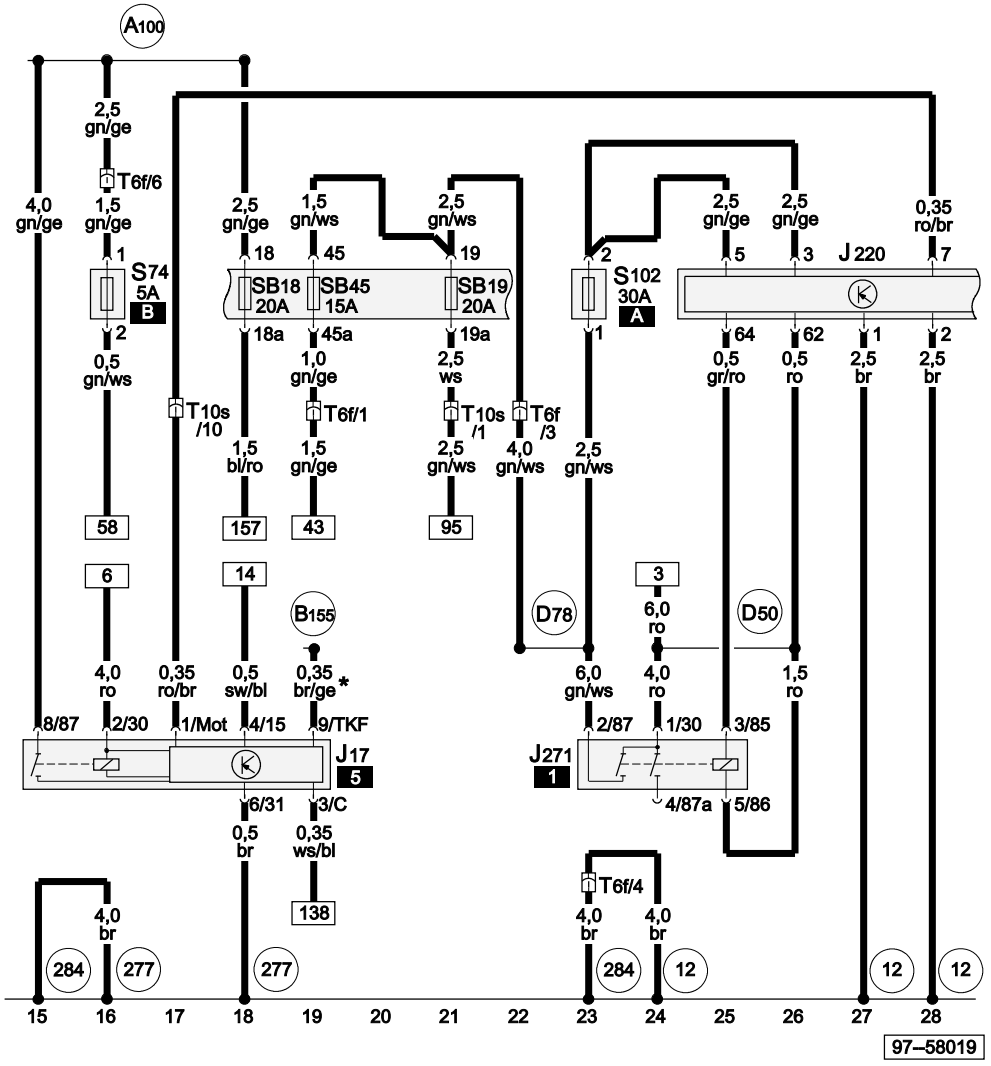
Fuel pump relay, Motronic control unit, Motronic current supply relay, air mass meter fuse, engine control unit fuse



J17	Fuel pump relay
J220	Motronic control unit
J271	Motronic current supply relay
S74	Air mass meter fuse
S102	Engine control unit fuse
SB18	Fuse -18- on fuse box
SB19	Fuse -19- on fuse box
SB45	Fuse -45- on fuse box
T6f	6-pin connector, green, in footwell, front left
T10s	10-pin connector, white, in footwell, front left
12	Earth point, in engine compartment, left
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A100	Connection -2- (87), in dash panel wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
D78	Positive (+) connection -1- (30a), in engine compartment wiring harness
*	⇒ Applicable Current Flow Diagram: Convenience systems

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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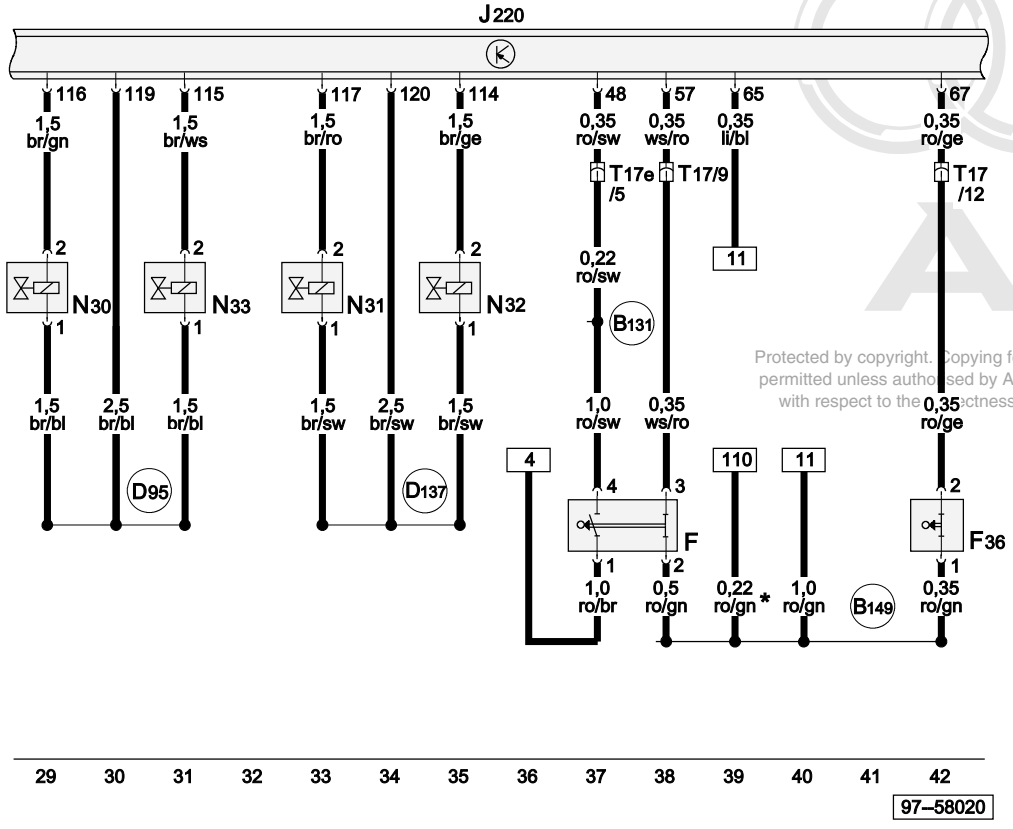
Brake light switch, clutch pedal switch, Motronic control unit, injectors

F	Brake light switch
F36	Clutch pedal switch
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
B131	Connection (54), in interior wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
D95	Connection (injectors), in engine compartment wiring harness
D137	Connection -2- (injectors), in engine compartment wiring harness
*	Only applies to models with cruise control system



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or = orange
rs = pink

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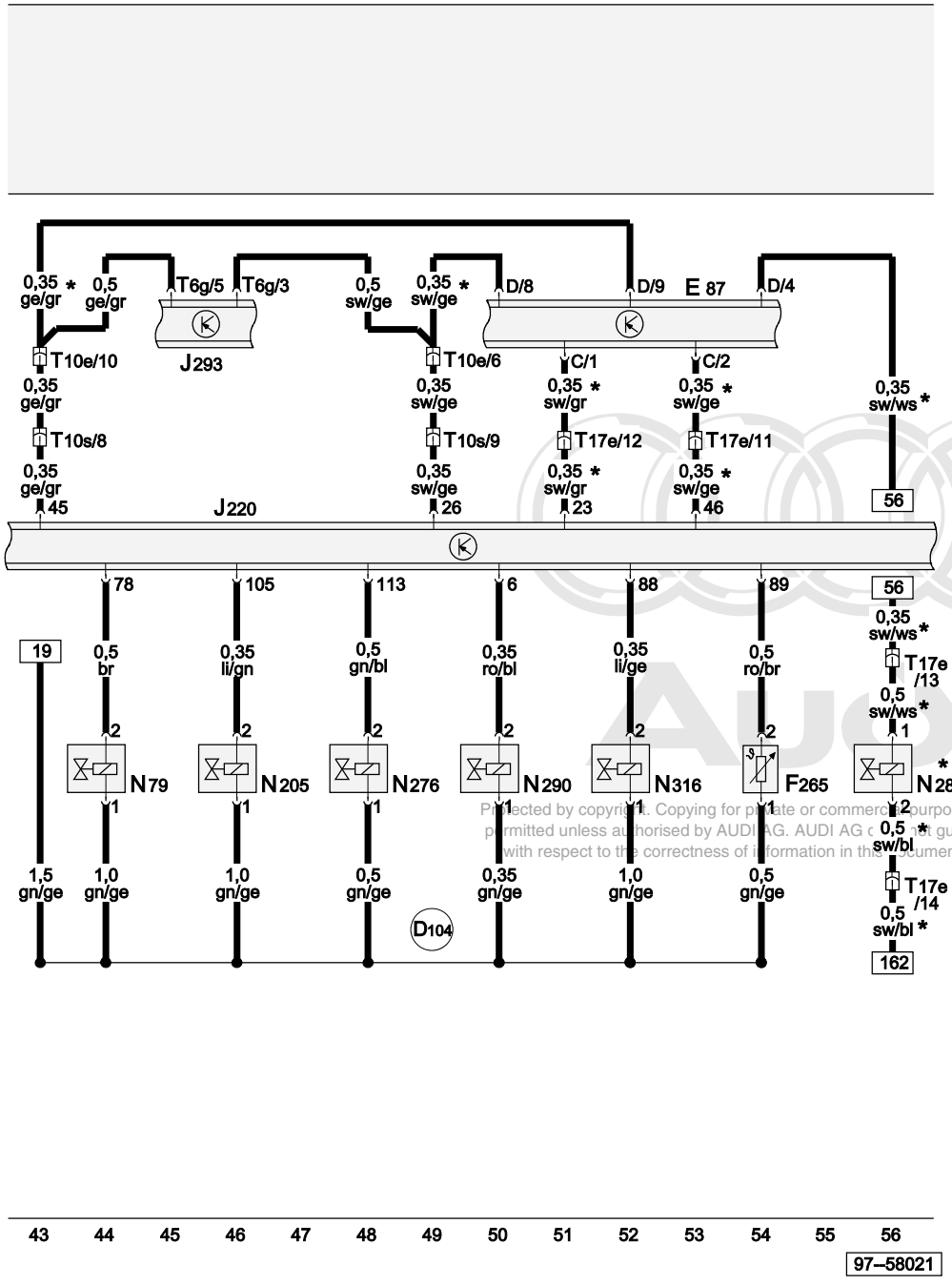

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gn = green
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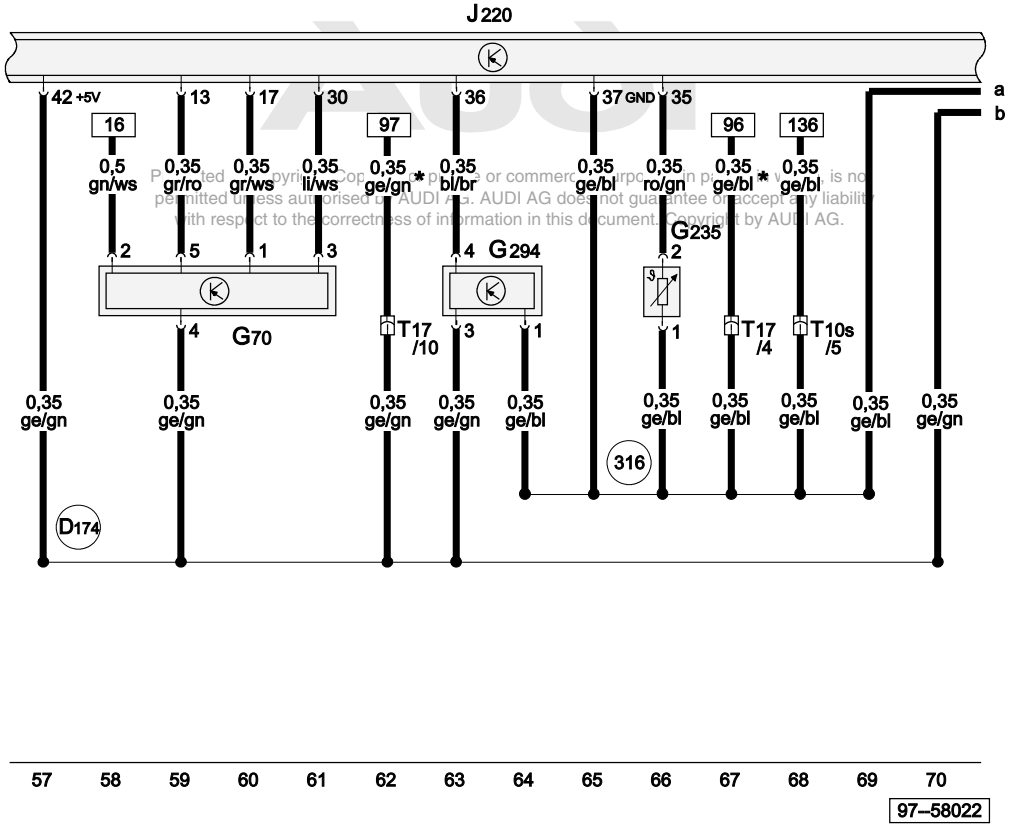
Inlet camshaft timing adjustment valve -1-, fuel pressure regulating valve, fuel metering valve, intake manifold flap air flow control valve

E87	Air conditioning system/Climatronic operating and display unit
F265	Map-controlled engine cooling thermostat
J220	Motronic control unit
J293	Radiator fan control unit
N79	Heater element (crankcase breather)
N205	Inlet camshaft timing adjustment valve -1-
N276	Fuel pressure regulating valve
N280	Air conditioning system compressor regulating valve
N290	Fuel metering valve
N316	Intake manifold flap air flow control valve
T6g	6-pin connector, black, on radiator fan control unit
T10e	10-pin connector, brown, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
D104	Positive (+) connection -2- (30a), in engine compartment wiring harness
*	Only applies to models with air conditioner

Air mass meter, exhaust gas temperature sender -1-, brake servo pressure sensor, Motronic control unit

G70	Air mass meter
G235	Exhaust gas temperature sender -1-
G294	Brake servo pressure sensor
J220	Motronic control unit
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
316	Earth connection (sender earth -2-), in engine wiring harness
D174	Connection -2- (5V), in engine wiring harness
*	Only applies to models without air conditioner



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rs	=	pink

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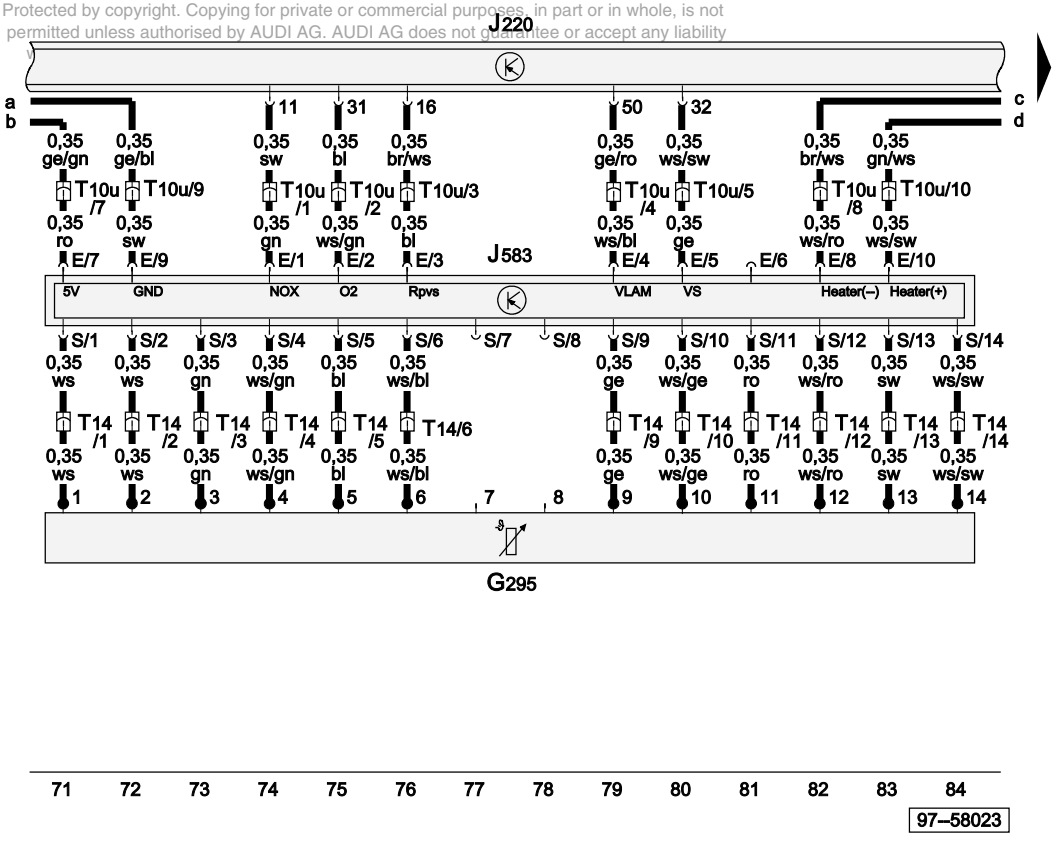

NOx sender, Motronic control unit, NOx sensor control unit

G295	NOx sender
J220	Motronic control unit
J583	NOx sensor control unit
T10u	10-pin connector, black, in intermediate floor panel, under driver's seat
T14	14-pin connector, black, in intermediate floor panel, under driver's seat

ws	=	white
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bl	=	blue
gr	=	grey
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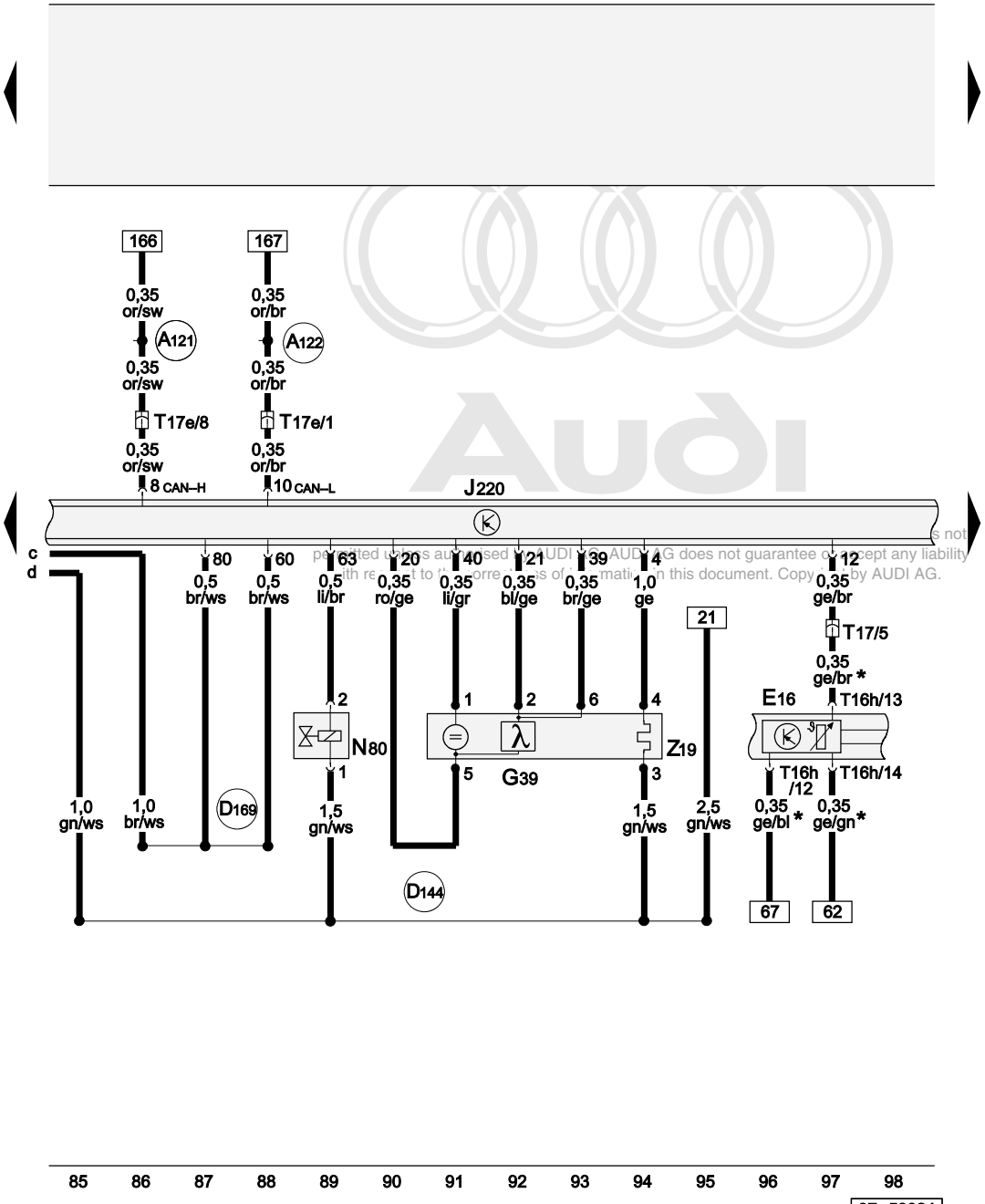
or	=	orange
rs	=	pink



Heater/heat output switch, lambda probe, activated charcoal filter system solenoid valve 1 (pulsed), lambda probe heater

E16	Heater/heat output switch
G39	Lambda probe
J220	Motronic control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T16h	16-pin connector, black, on heater controls
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
Z19	Lambda probe heater
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
D144	Positive (+) connection -5- (30), in engine compartment wiring harness
D169	Connection (NOx), in engine compartment wiring harness
*	Only applies to models without air conditioner

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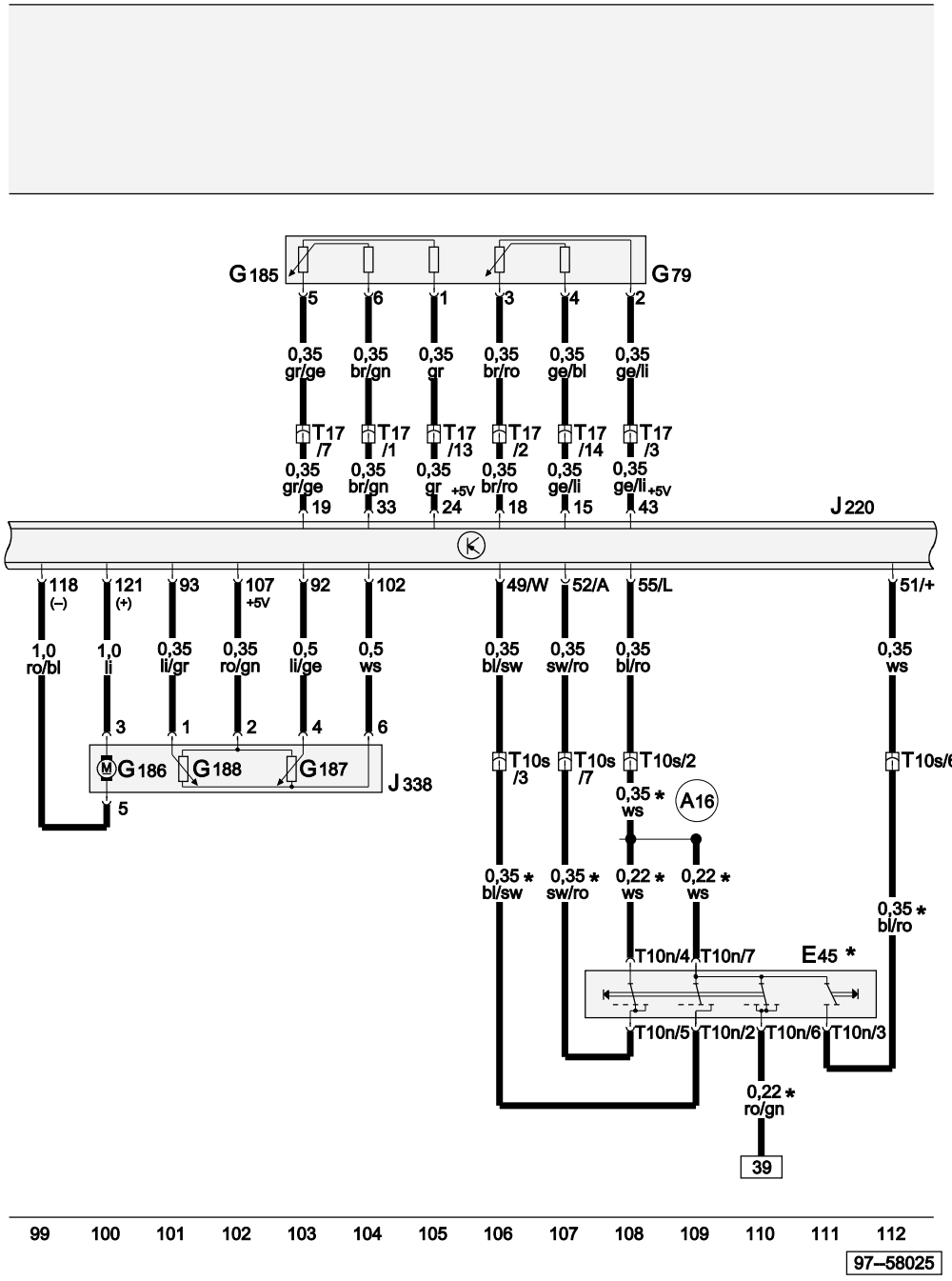
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Audi



Cruise control system switch, accelerator pedal position senders, Motronic control unit, throttle valve module

E45	Cruise control system switch
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
G186	Throttle valve drive (electric power control)
G187	Throttle valve drive angle sender -1- (electric power control)
G188	Throttle valve drive angle sender -2- (electric power control)
J220	Motronic control unit
J338	Throttle valve module
T10n	10-pin connector, black, behind steering column switch trim
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
A16	Connection (cruise control system), in dash panel wiring harness
*	Only applies to models with cruise control system

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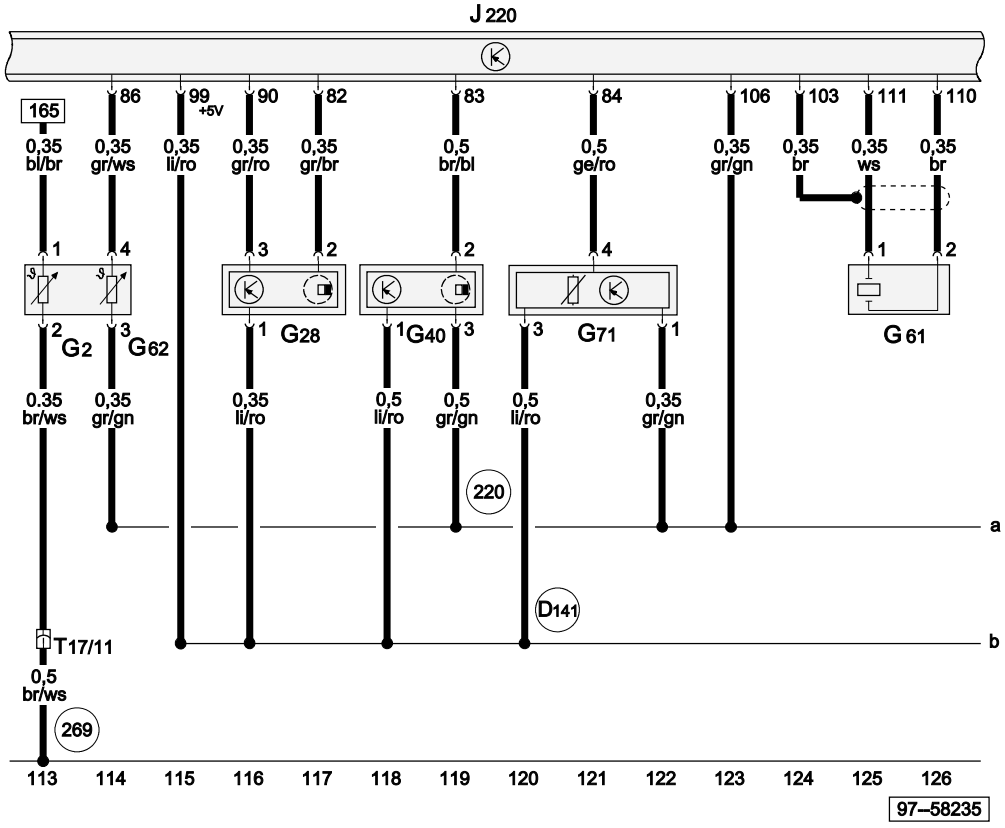
or	=	orange
rs	=	pink

Coolant temperature senders, engine speed sender, Hall sender, knock sensor I, intake manifold pressure sender

G2	Coolant temperature sender
G28	Engine speed sender
G40	Hall sender
G61	Knock sensor I
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit
T17	17-pin connector, brown, in footwell, front left
220	Earth connection (sender earth), in engine wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
D141	Connection (5V), in engine wiring harness



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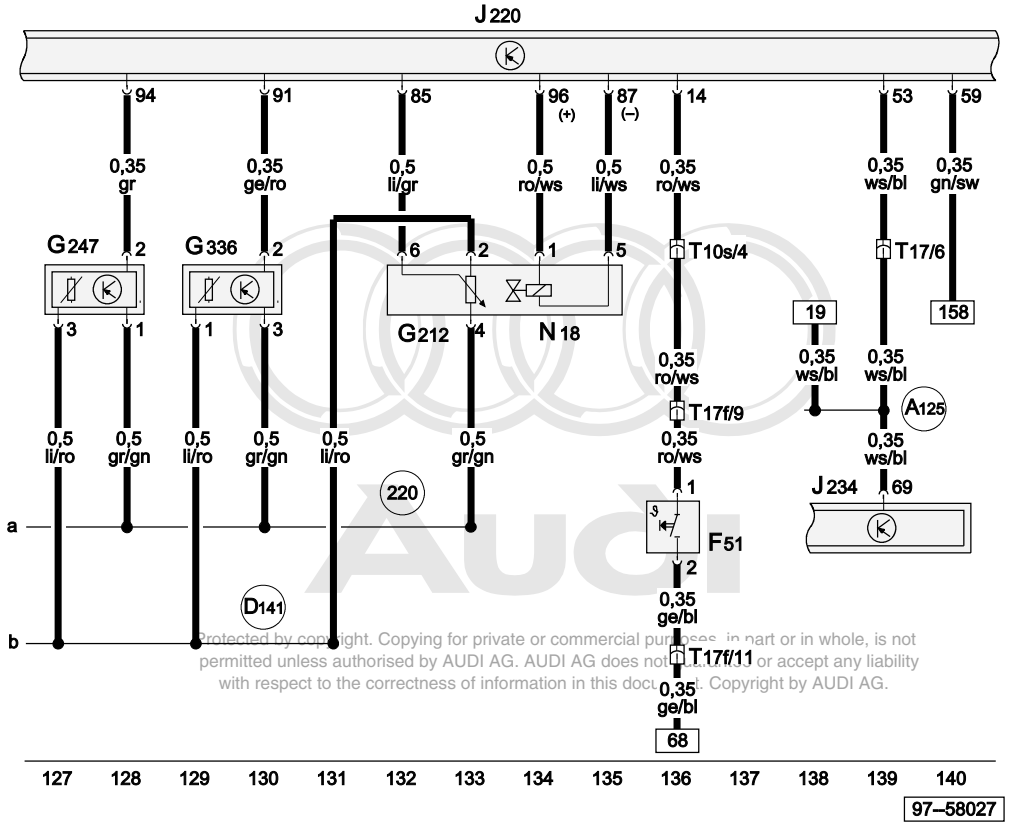
Thermo-switch for coolant circulation, exhaust gas recirculation potentiometer, fuel pressure sender, intake manifold flap potentiometer

F51	Thermo-switch for coolant circulation
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J220	Motronic control unit
J234	Airbag control unit
N18	Exhaust gas recirculation valve
T10s	10-pin connector, white, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
220	Earth connection (sender earth), in engine wiring harness
A125	Connection (crash signal), in dash panel wiring harness
D141	Connection (5V), in engine wiring harness



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rs	=	pink

Motronic control unit, ignition coils with output stage, spark plug connector, spark plugs

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
12	Earth point, in engine compartment, left
19	Earth point, near ignition coil
221	Earth connection (engine earth), in engine wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

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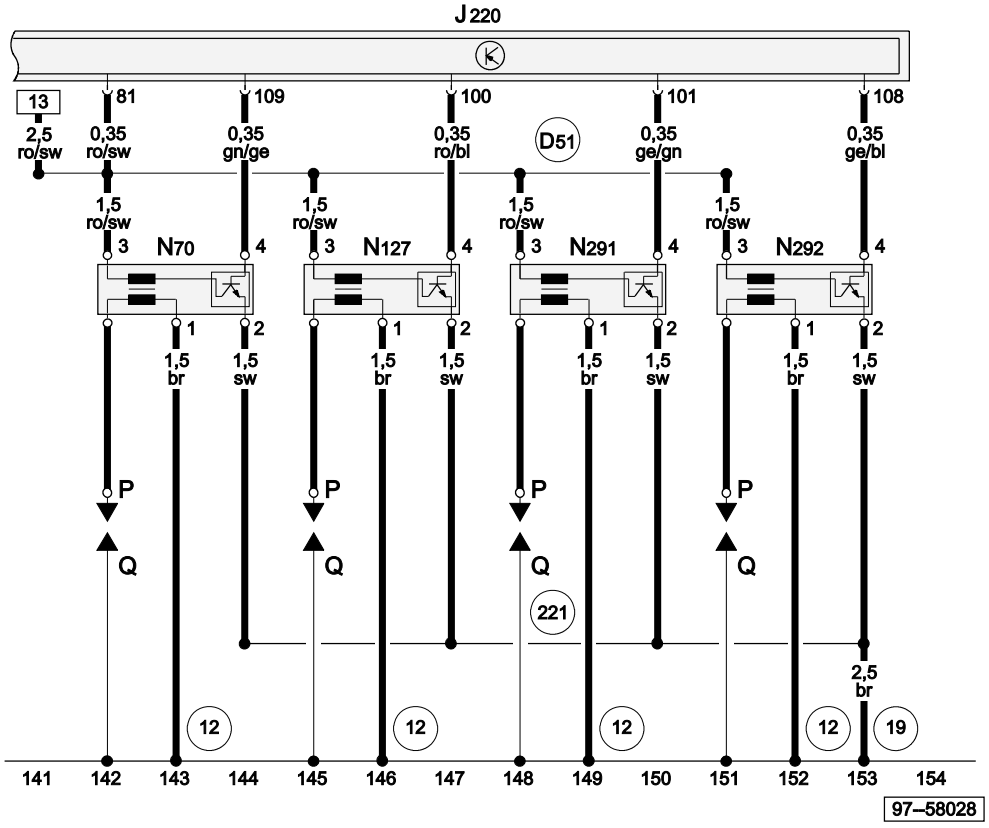

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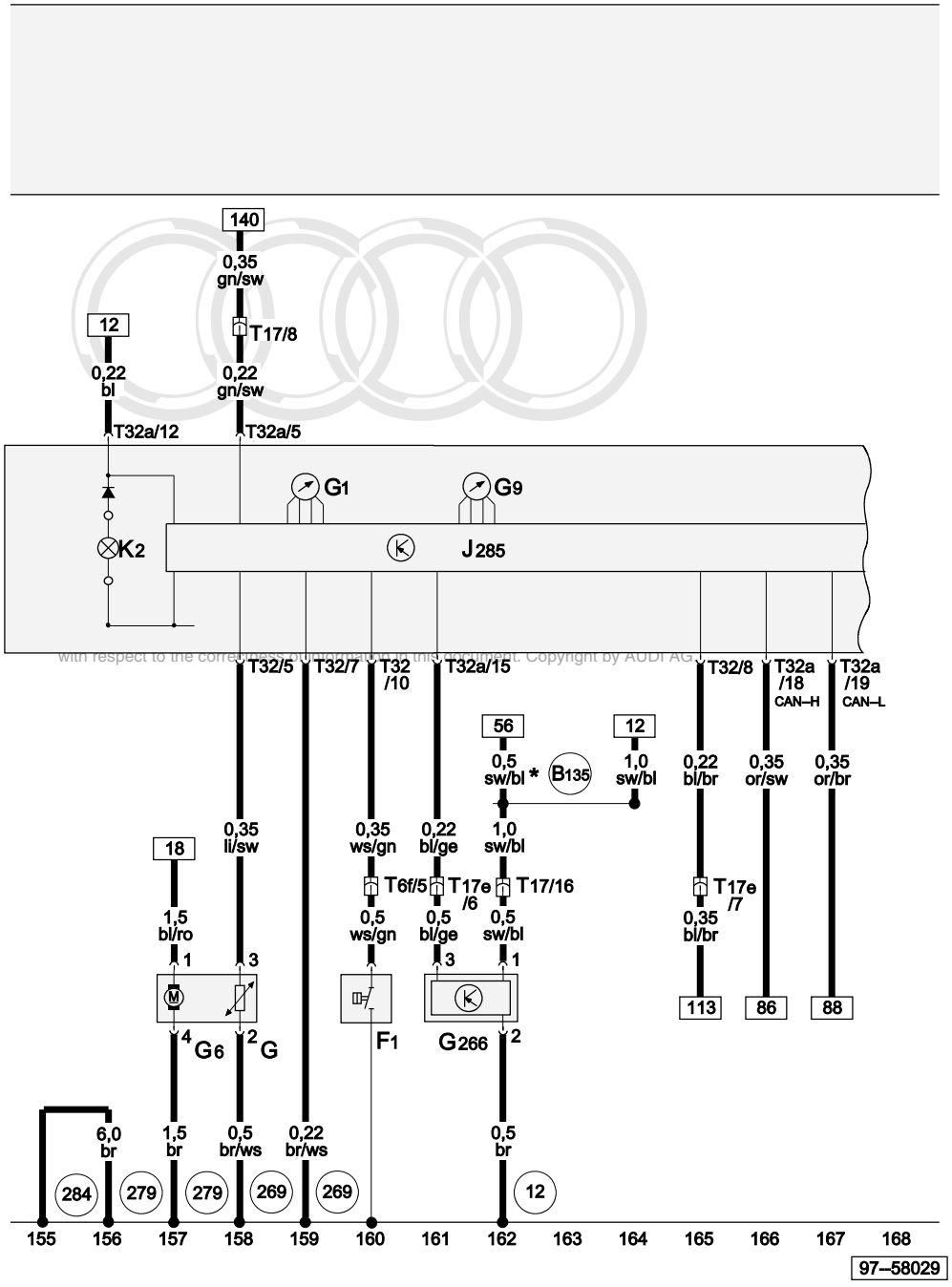

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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, fuel pump (pre-supply pump), oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G6	Fuel pump (pre-supply pump)
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
T6f	6-pin connector, green, in footwell, front left
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioner

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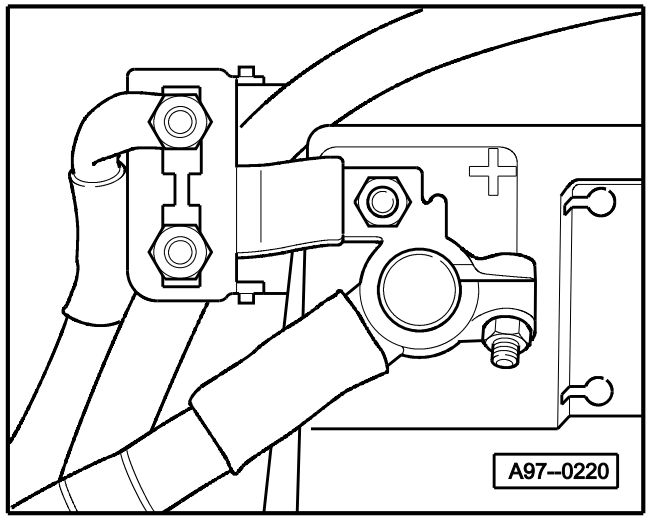
Radiator fan control - 350W

⇒ **1.6 litre FSI engine (81 kW - Motronic - 4-cylinder), engine code BAD**

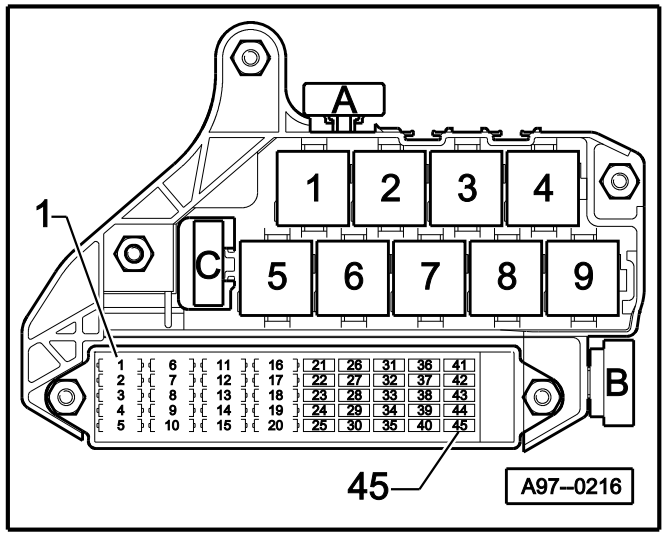
From model year 2004

Main fuse



♦ On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

C - Radiator fan control unit fuse (S142)

Fuse colours

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

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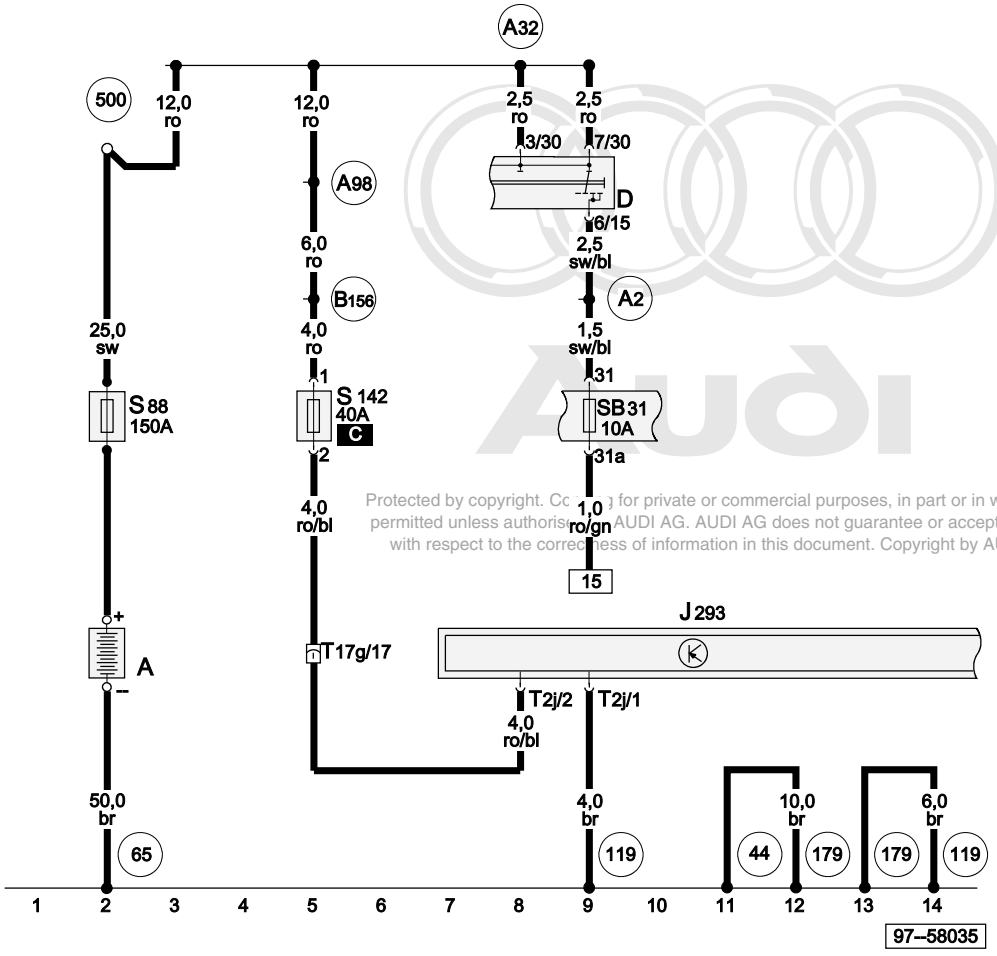
Battery, ignition/starter switch, radiator fan control unit, radiator fan control unit fuse

A	Battery
D	Ignition/starter switch
J293	Radiator fan control unit
S88	Strip fuse
S142	Radiator fan control unit fuse
SB31	Fuse -31- on fuse box
T2j	2-pin connector, black, on radiator fan control unit
T17g	17-pin connector, red, connector point, A pillar, left
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness



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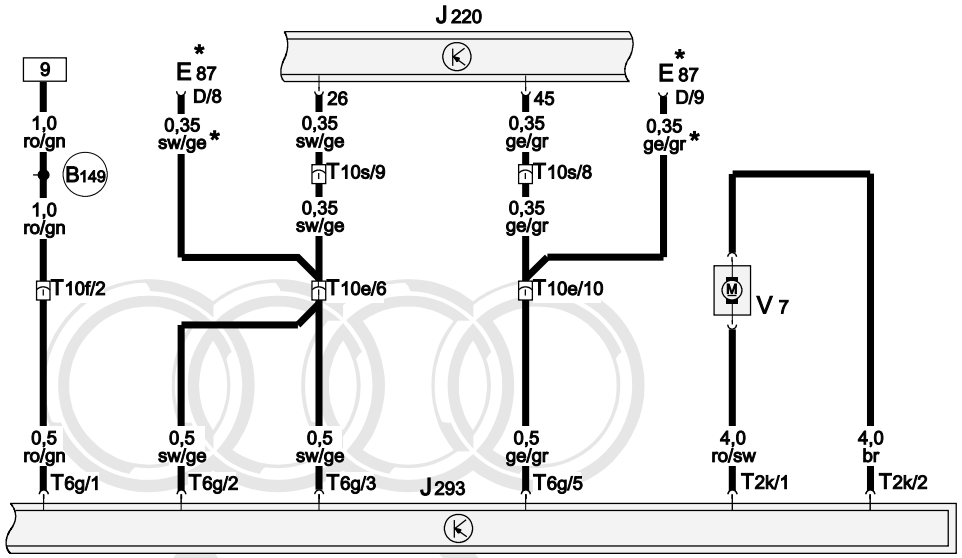
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Air conditioning system/Climatronic operating and display unit, Motronic control unit, radiator fan control unit, radiator fan

E87	Air conditioning system/Climatronic operating and display unit
J220	Motronic control unit
J293	Radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
V7	Radiator fan
B149	Positive (+) connection -2- (15a), in interior wiring harness
*	Only applies to models with air conditioner



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rs	=	pink

Radiator fan control - 60W/100W (without air conditioner)

⇒ **1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF**
⇒ **1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code BHC**
⇒ **1.4 litre unit injector, TDI engine (66 kW - 3-cylinder), engine code ATL**
From model year 2004

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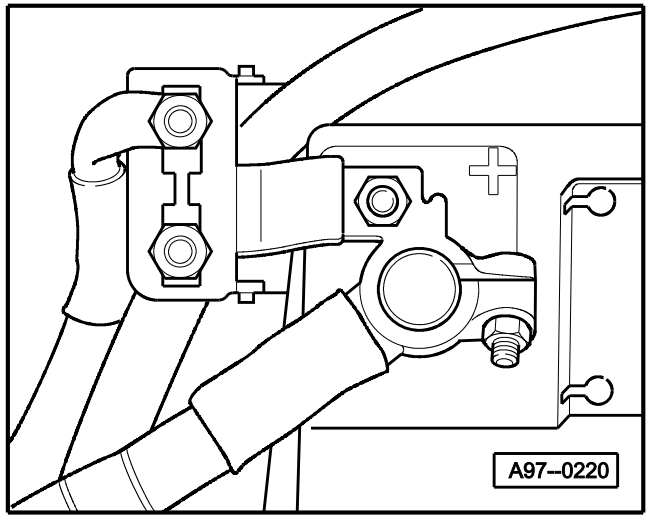
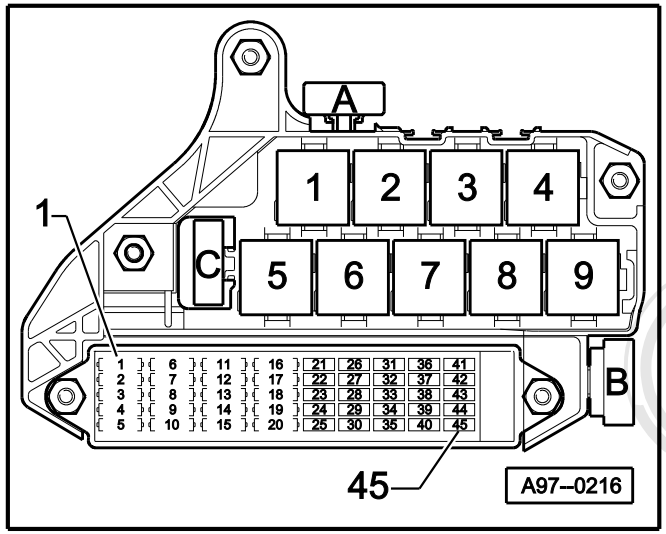
Main fuse



◆ On battery

9-point relay carrier, fuse box



- In dash panel, driver's side

Fuse colours

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

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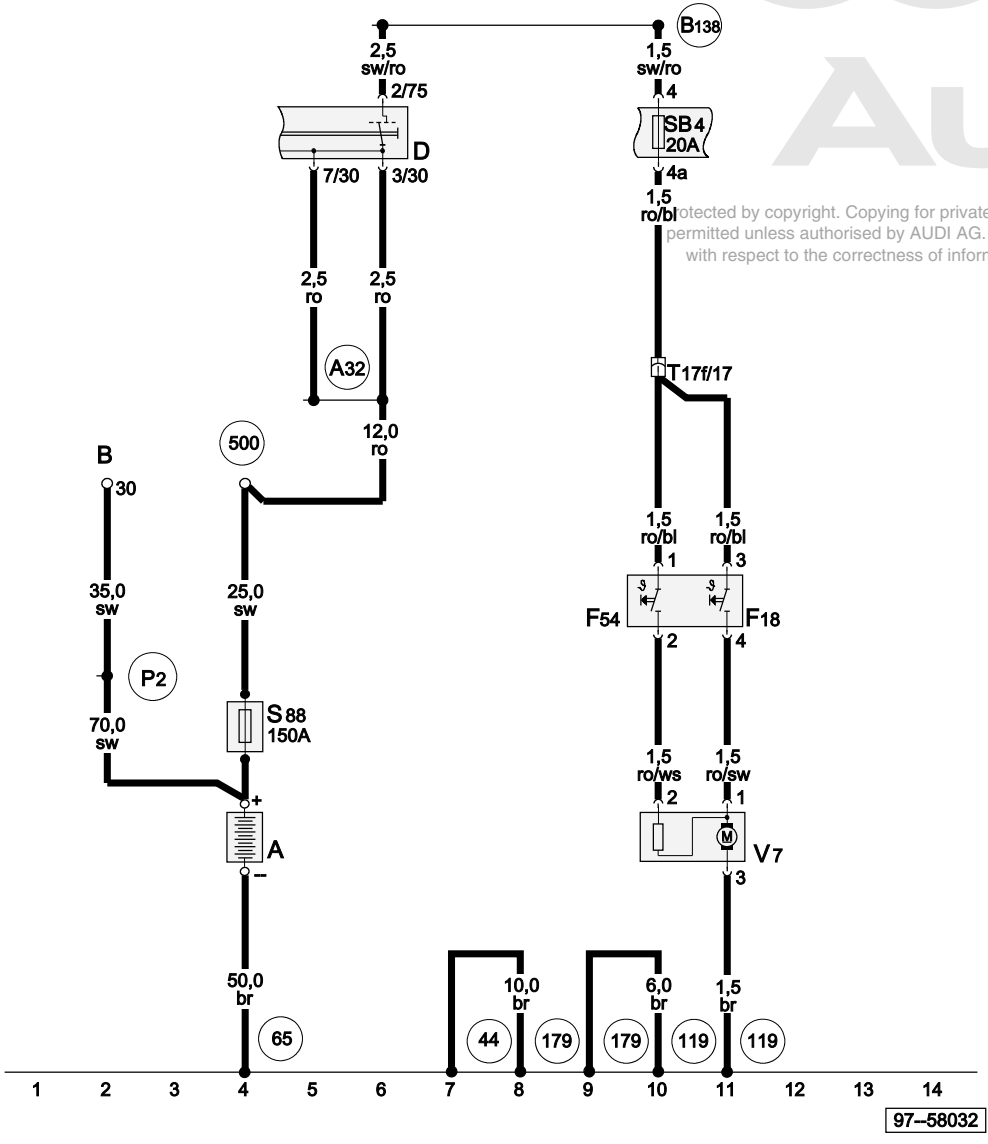
Battery, ignition/starter switch, radiator fan thermo-switches, radiator fan



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

A	Battery
B	Starter
D	Ignition/starter switch
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
S88	Strip fuse
SB4	Fuse -4- on fuse box
T17f	17-pin connector, white, connector point, A pillar, left
V7	Radiator fan
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness

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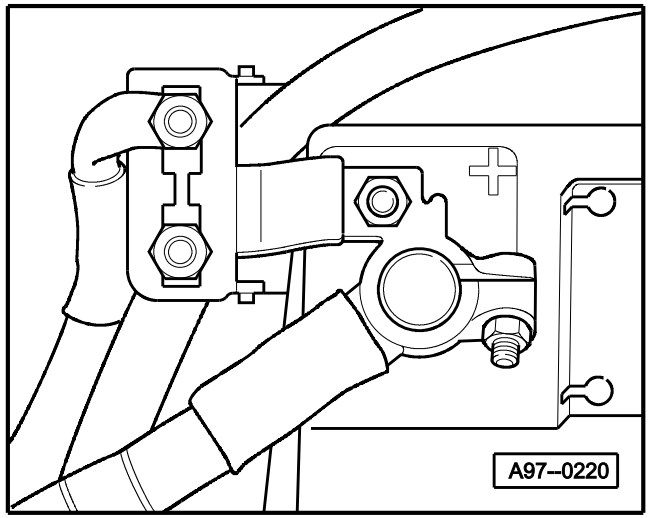
Radiator fan control - 350W (with air conditioner)

⇒ 1.2 litre unit injector, TDI engine (45 kW - 3-cylinder), engine code ANY
⇒ 1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code AMF
⇒ 1.4 litre unit injector, TDI engine (55 kW - 3-cylinder), engine code BHC
⇒ 1.4 litre unit injector, TDI engine (66 kW - 3-cylinder), engine code ATL
⇒ 1.4 litre fuel injection engine (55 kW - Magneti Marelli - 4-cylinder), engine code BBY

From model year 2004

Main fuse



◆ On battery

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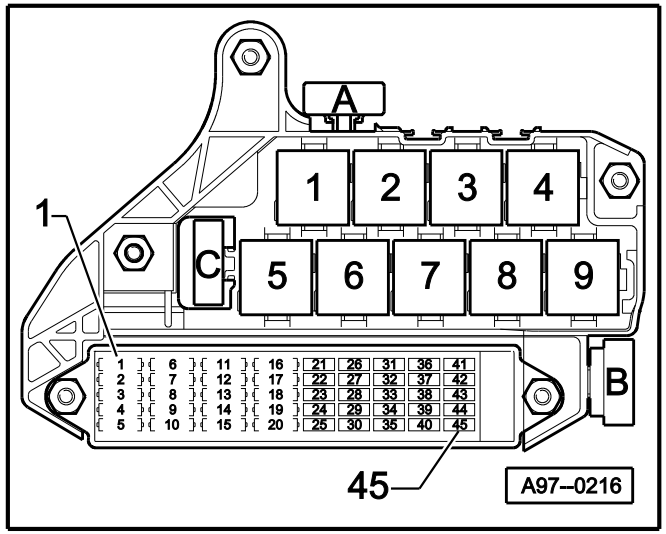
9-point relay carrier, fuse box



◆ In dash panel, driver's side

C - Radiator fan control unit fuse (S142)

Fuse colours

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

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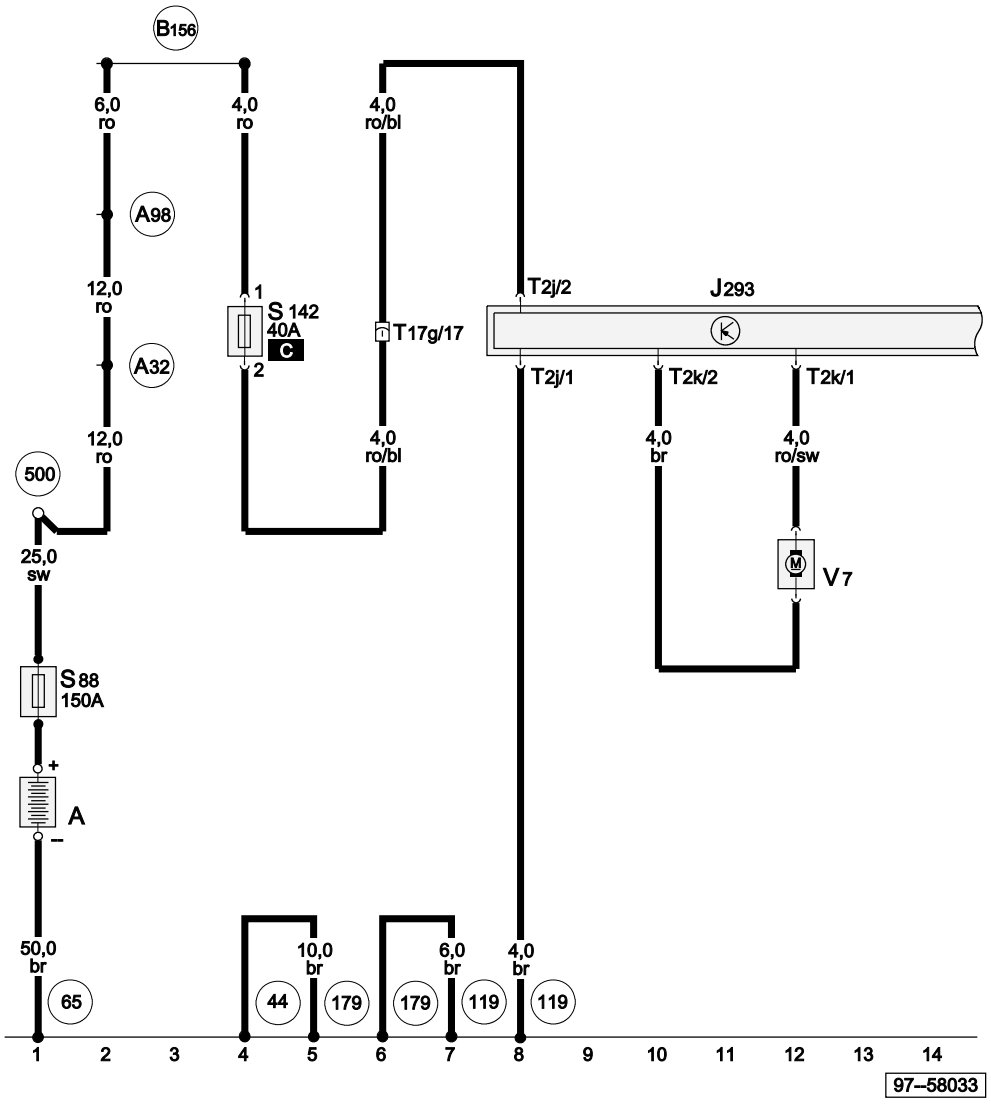

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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, radiator fan control unit, radiator fan control unit fuse, radiator fan

A	Battery
J293	Radiator fan control unit
S88	Strip fuse
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness

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Air conditioning system/Climatronic operating and display unit, radiator fan thermo-switches, radiator fan control unit

C	Alternator
E87	Air conditioning system/Climatronic operating and display unit
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J248	Diesel direct injection system control unit
J293	Radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
119	Earth connection -1-, in headlight wiring harness
B177	Connection (61), in interior wiring harness
*	Only applies to models with engine codes AMF, ATL and BHC

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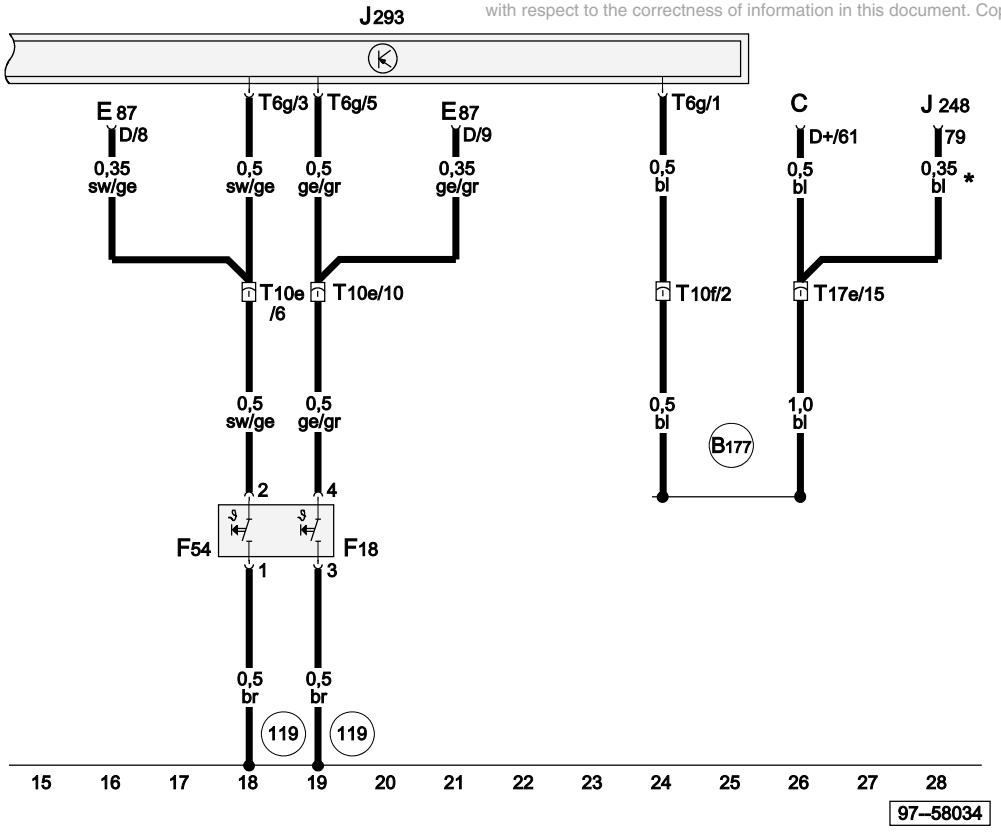

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gn	=	green
bl	=	blue
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or	=	orange
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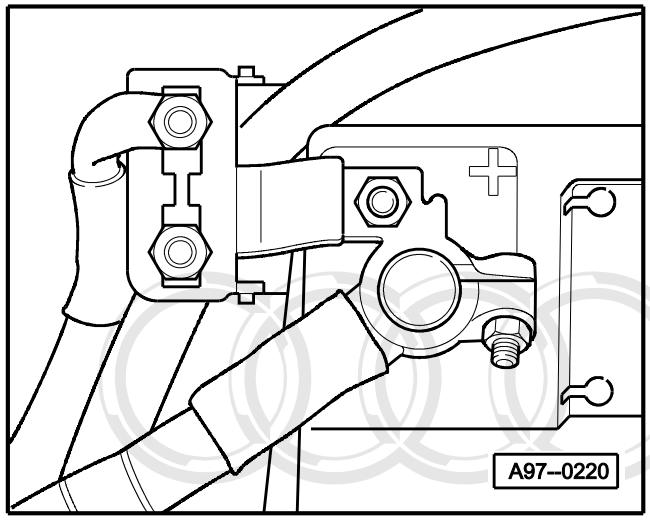
Convenience systems

⇒ Electrically adjustable and heated exterior mirrors
⇒ Anti-theft alarm system
⇒ Electric windows
⇒ Interior lights
⇒ Luggage compartment lights
⇒ Central locking

From model year 2004

Main fuse



◆ On battery

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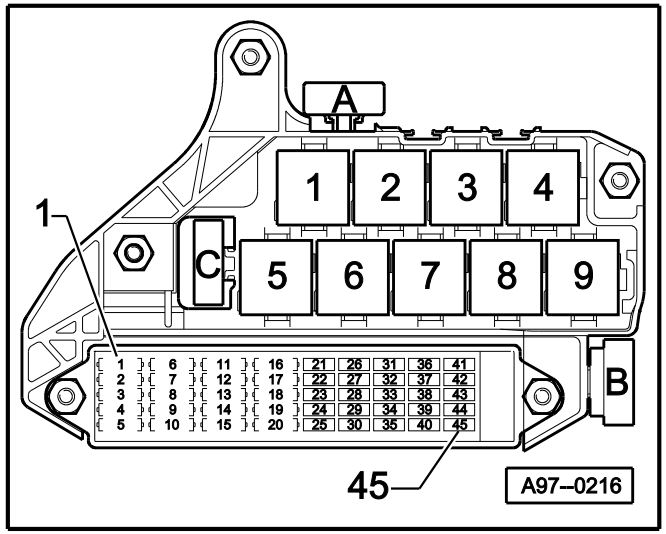
9-point relay carrier, fuse box



◆ In dash panel, driver's side

Fuse colours

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

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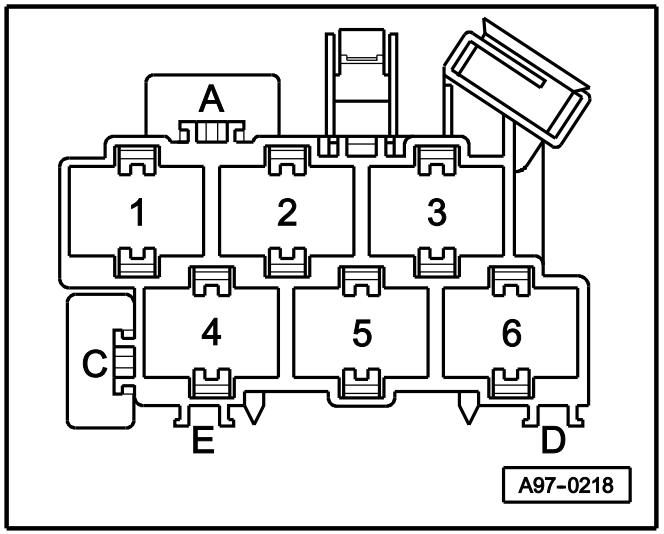
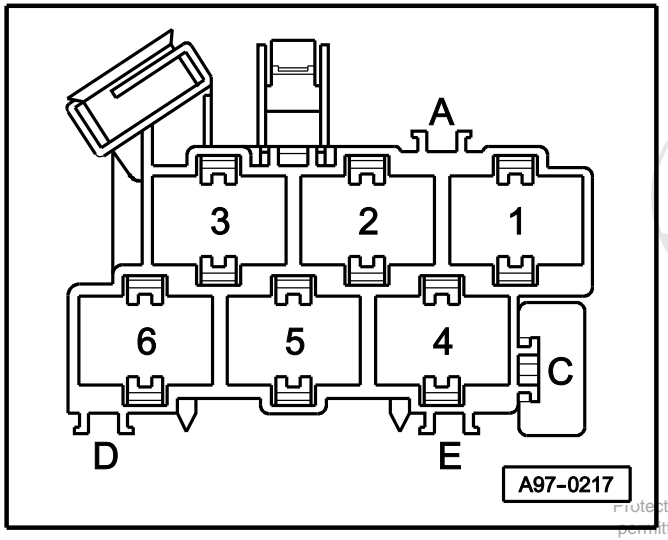
Connector point, A pillar, left



- At A pillar, left, behind trim

A - Electric window single fuse, front (S37)

Connector point, A pillar, right



- At A pillar, right, behind trim

C - Electric window single fuse 2, rear (S280)

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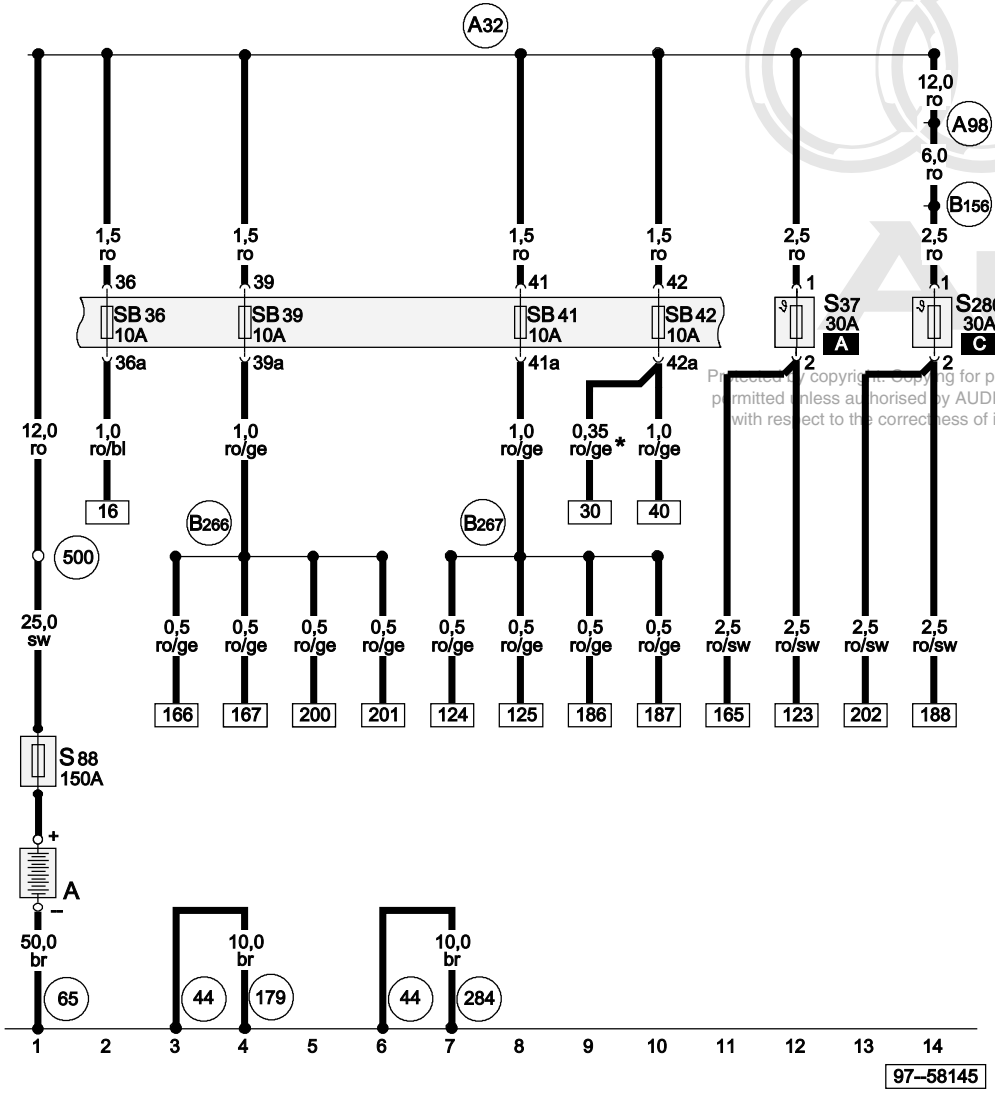

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br = brown
gn = green
bl = blue
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ge = yellow
or = orange
rs = pink

Battery, electric window single fuse

A	Battery
S37	Electric window single fuse
S88	Strip fuse
S280	Electric window single fuse 2
SB36	Fuse -36- on fuse box
SB39	Fuse -39- on fuse box
SB41	Fuse -41- on fuse box
SB42	Fuse -42- on fuse box
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
179	Earth connection, in left headlight wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B266	Positive (+) connection -1- (30a, door control unit), in interior wiring harness
B267	Positive (+) connection -2- (30a, door control unit), in interior wiring harness
*	Only applies to models with anti-theft alarm system

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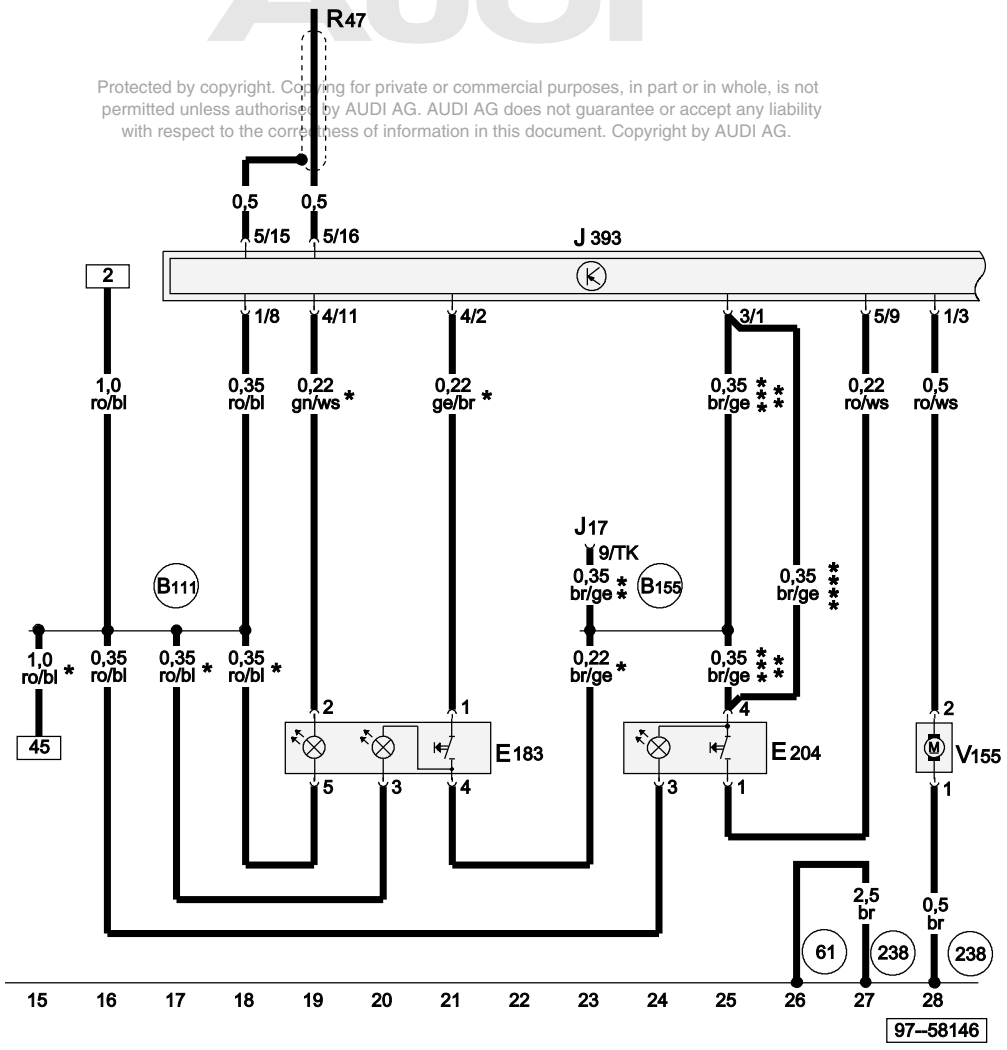

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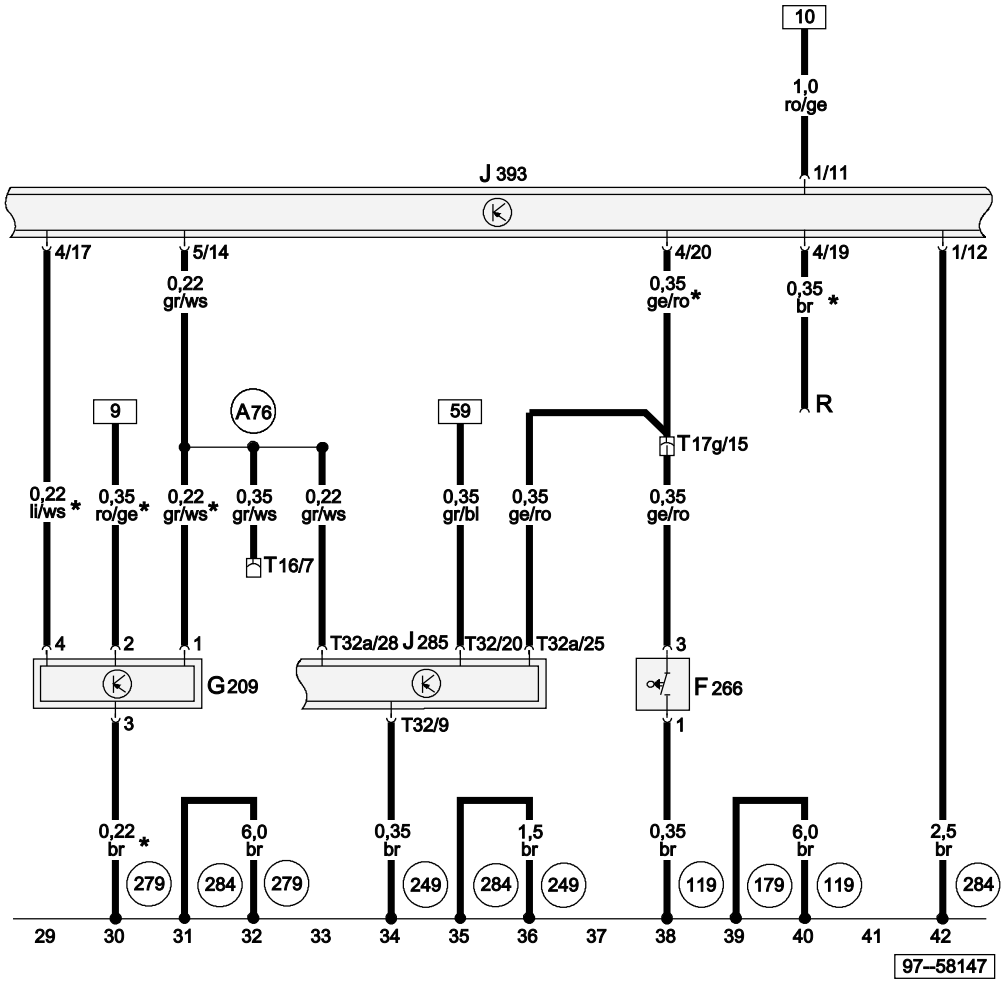
Interior monitor switch, tank filler flap remote release switch, central locking and anti-theft alarm system aerial

E183	Interior monitor switch
E204	Tank filler flap remote release switch
J17	Fuel pump relay
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
V155	Tank filler flap locking motor
61	Earth point, left C pillar
238	Earth connection -1-, in interior wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	Only applies to models with engine code BAD
***	Only applies to models with engine code ANY
****	Only applies to models with engine codes AMF, ATL, BBY and BHC



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Bonnet contact switch, anti-theft alarm ultra-sonic sensor, control unit with display in dash panel insert, convenience system central control unit

F266	Bonnet contact switch
G209	Anti-theft alarm ultra-sonic sensor
J285	Control unit with display in dash panel insert
J393	Convenience system central control unit
R	Radio
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
249	Earth connection -2-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
*	Only applies to models with anti-theft alarm system

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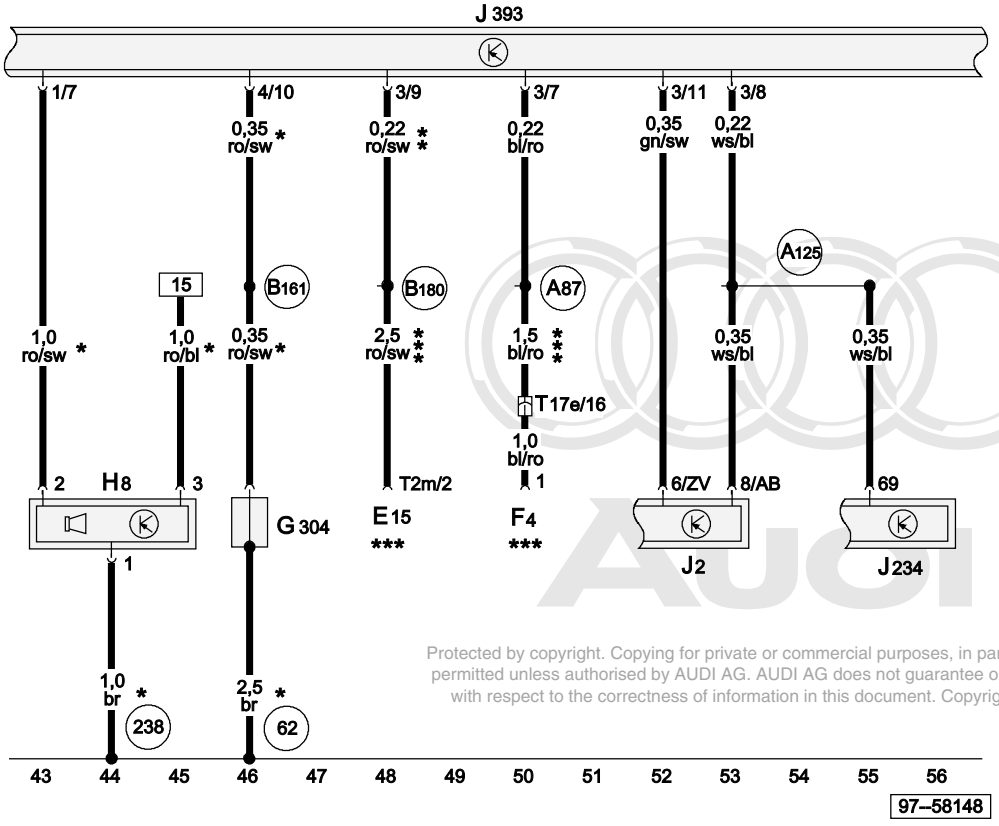

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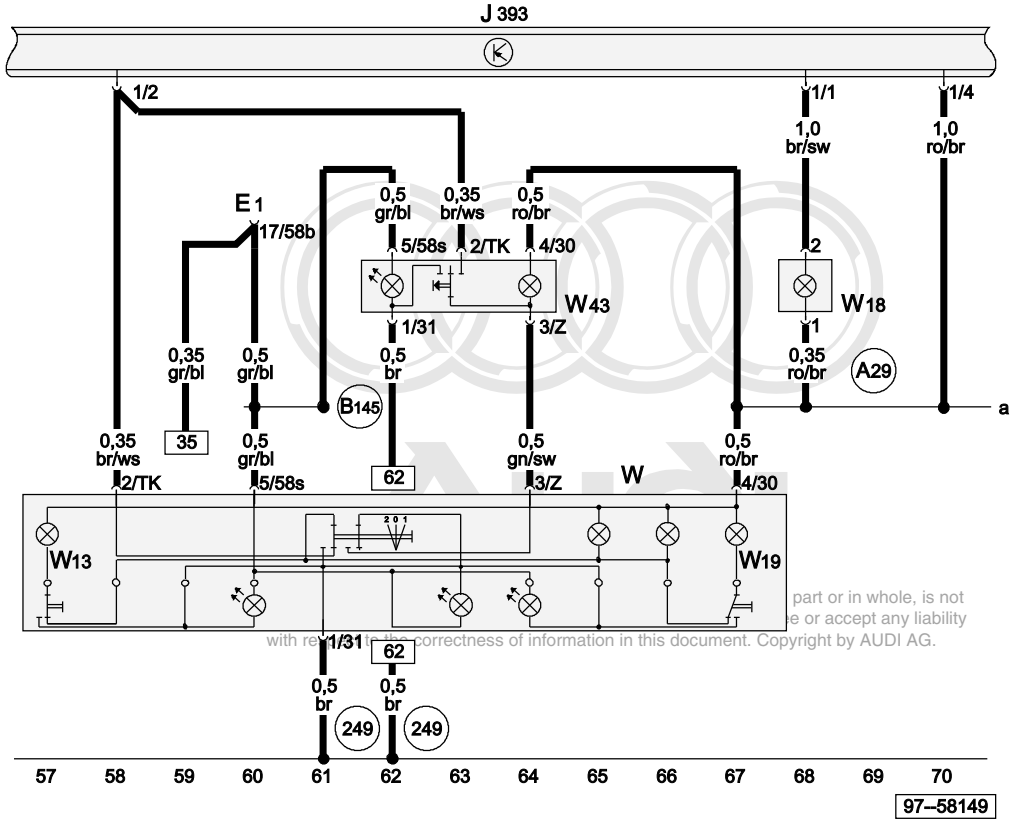
Glass breakage sensor - rear window, anti-theft alarm system horn, hazard warning light relay, airbag control unit, convenience system central control unit

E15	Heated rear window switch
F4	Reversing light switch
G304	Glass breakage sensor, rear window
H8	Anti-theft alarm system horn
J2	Hazard warning light relay
J234	Airbag control unit
J393	Convenience system central control unit
T2m	2-pin connector, black, on heater controls
T17e	17-pin connector, blue, in footwell, front left
62	Earth point, right C pillar
238	Earth connection -1-, in interior wiring harness
A87	Connection (RF (reversing light)), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
B161	Connection (anti-theft alarm), in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
*	Only applies to models with anti-theft alarm system
**	Only applies to models without air conditioner
***	⇒ Applicable Current Flow Diagram: Basic equipment

Convenience system central control unit, front interior light, reading light - front passenger's side, left luggage compartment light, rear interior light

E1	Lighting switch
J393	Convenience system central control unit
W	Interior light, front
W13	Reading light, front passenger's side
W18	Luggage compartment light, left
W19	Reading light, driver's side
W43	Rear interior light
249	Earth connection -2-, in interior wiring harness
A29	Connection (interior light), in dash panel wiring harness
B145	Positive (+) connection (58b), in interior wiring harness



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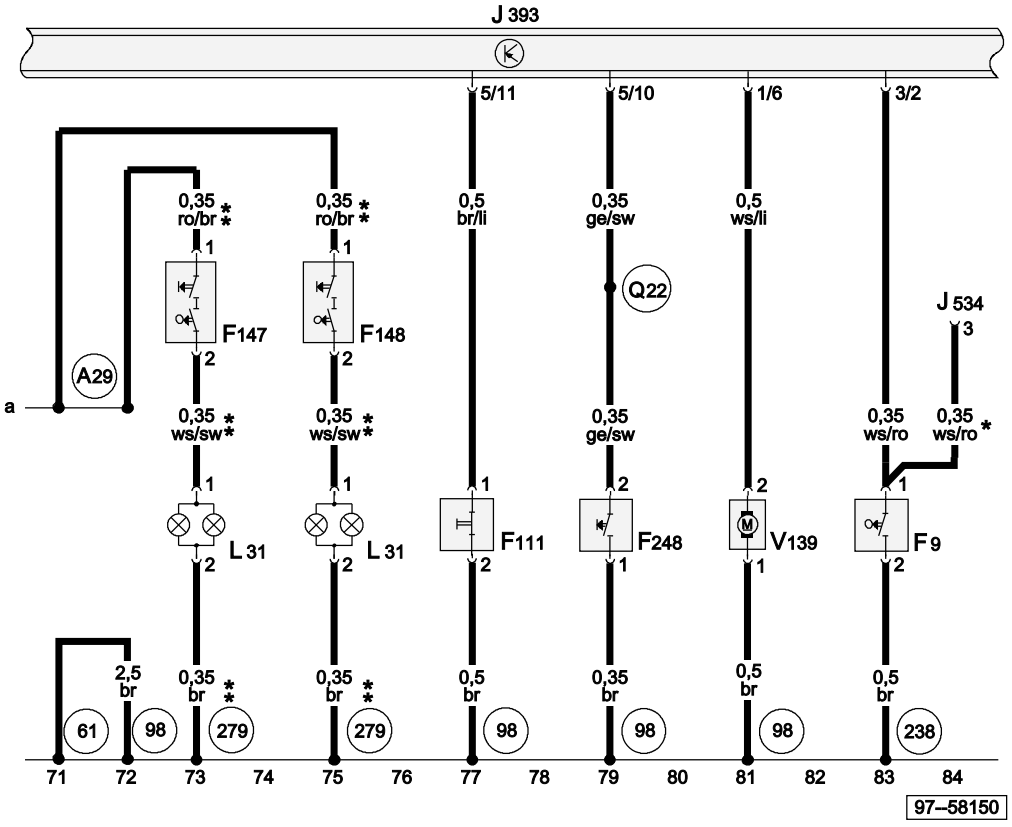
Handbrake warning switch, rear lid contact switch, vanity mirror light bulb, rear lid release motor

F9	Handbrake warning switch
F111	Rear lid contact switch
F147	Vanity mirror contact switch, driver's side
F148	Vanity mirror contact switch, front passenger's side
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
J534	Handbrake warning lamp control unit
L31	Vanity mirror light bulb
V139	Rear lid release motor
61	Earth point, left C pillar
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
A29	Connection (interior light), in dash panel wiring harness
Q22	Connection -1-, in rear lid wiring harness
*	Only applies to models with engine code ANY
**	Only applies to models with illuminated vanity mirror



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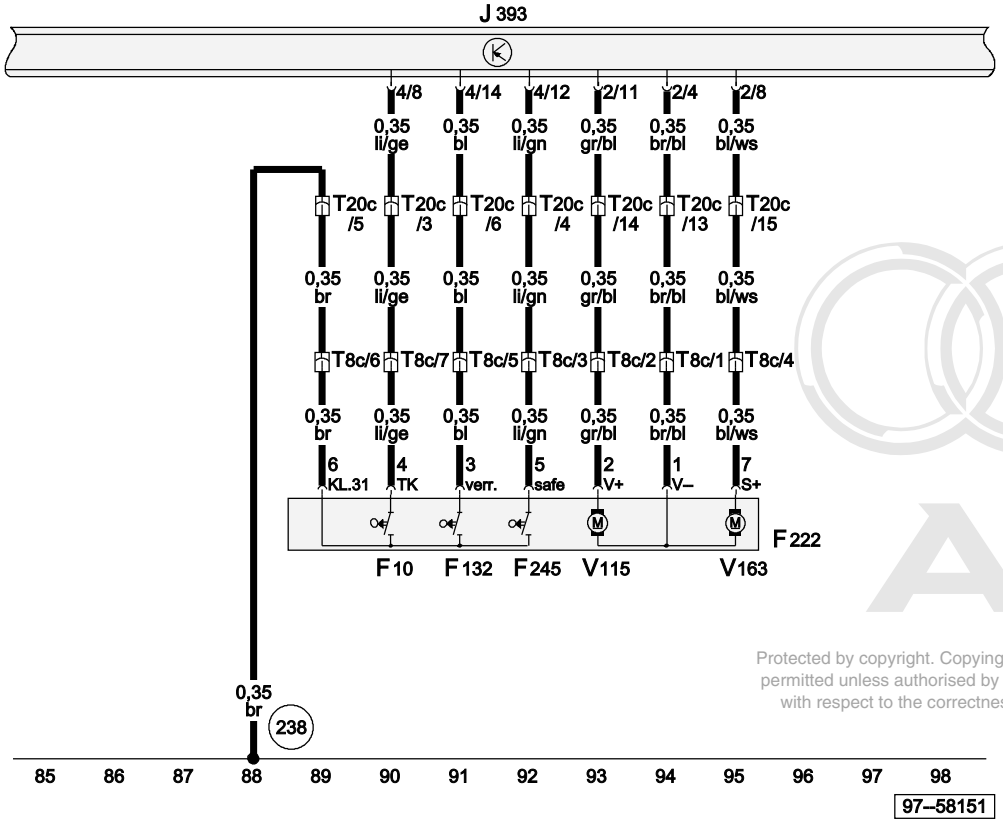
Rear left door contact switch, rear left central locking lock unit (without rear electric windows), convenience system central control unit

F10	Rear left door contact switch
F132	Central locking actuator, rear left
F222	Central locking lock unit, rear left
F245	Central locking actuator (Safe), rear left door
J393	Convenience system central control unit
T8c	8-pin connector, black, door, rear left
T20c	20-pin connector, black, at B pillar, left
V115	Central locking motor, rear left door
V163	Central locking motor (Safe), rear left door
238	Earth connection -1-, in interior wiring harness



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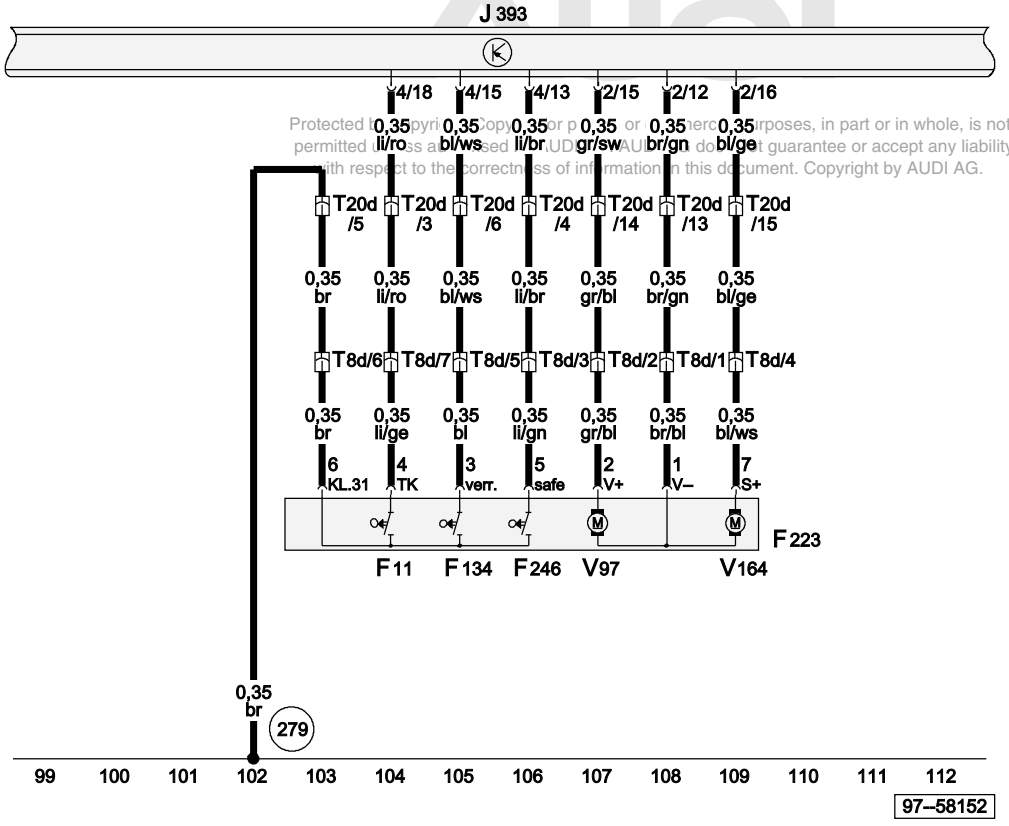

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Rear right door contact switch, rear right central locking lock unit (without rear electric windows), convenience system central control unit

F11	Rear right door contact switch
F134	Central locking actuator, rear right
F223	Central locking lock unit, rear right
F246	Central locking actuator (Safe), rear right door
J393	Convenience system central control unit
T8d	8-pin connector, black, door, rear right
T20d	20-pin connector, black, at B pillar, right
V97	Central locking motor, rear right door
V164	Central locking motor (Safe), rear right door
279	Earth connection -5-, in interior wiring harness

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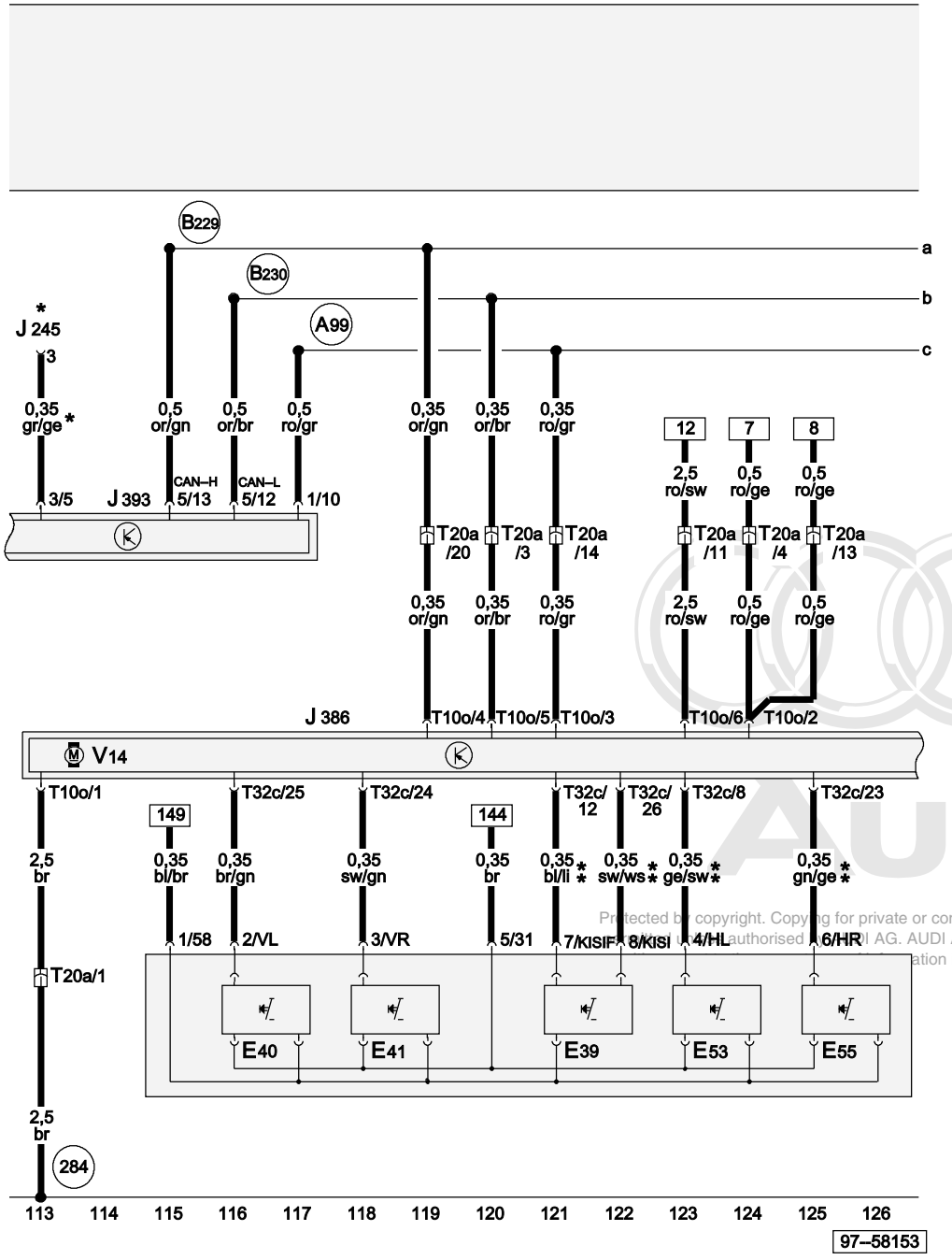

Rear electric window isolation switch, front electric window switches, rear electric window switches, door control unit, driver's side

E39	Rear electric window isolation switch
E40	Front left electric window switch
E41	Front right electric window switch
E53	Rear left electric window switch, driver
E55	Rear right electric window switch, driver
J245	Sliding sunroof adjustment control unit
J386	Door control unit, driver's side
J393	Convenience system central control unit
T10o	10-pin connector, black, door control unit, driver's door
T20a	20-pin connector, black, at A pillar, left
T32c	32-pin connector, grey, door control unit, driver's door
V14	Electric window motor, left
284	Earth connection -6-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	⇒ Applicable Current Flow Diagram: Sliding/tilting sunroof
**	Only applies to models with rear electric windows

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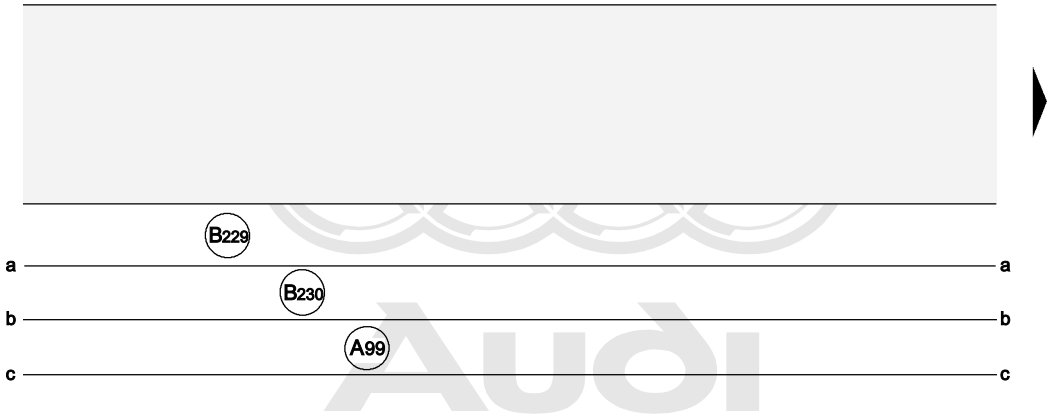

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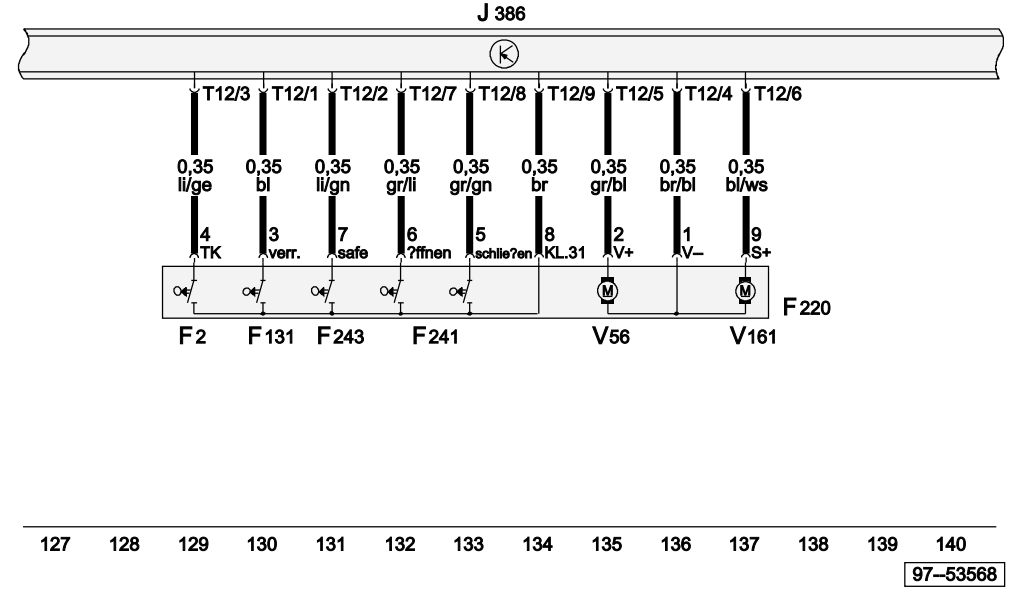
Door contact switch - driver's side, central locking lock unit - driver's side, door control unit - driver's side

F2	Door contact switch, driver's side
F131	Central locking actuator, front left
F220	Central locking lock unit, driver's side
F241	Contact switch in lock cylinder, driver's side
F243	Central locking actuator (Safe), driver's door
J386	Door control unit, driver's side
T12	12-pin connector, black, on door control unit, driver's side
V56	Central locking motor, driver's door
V161	Central locking motor (Safe), driver's door
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



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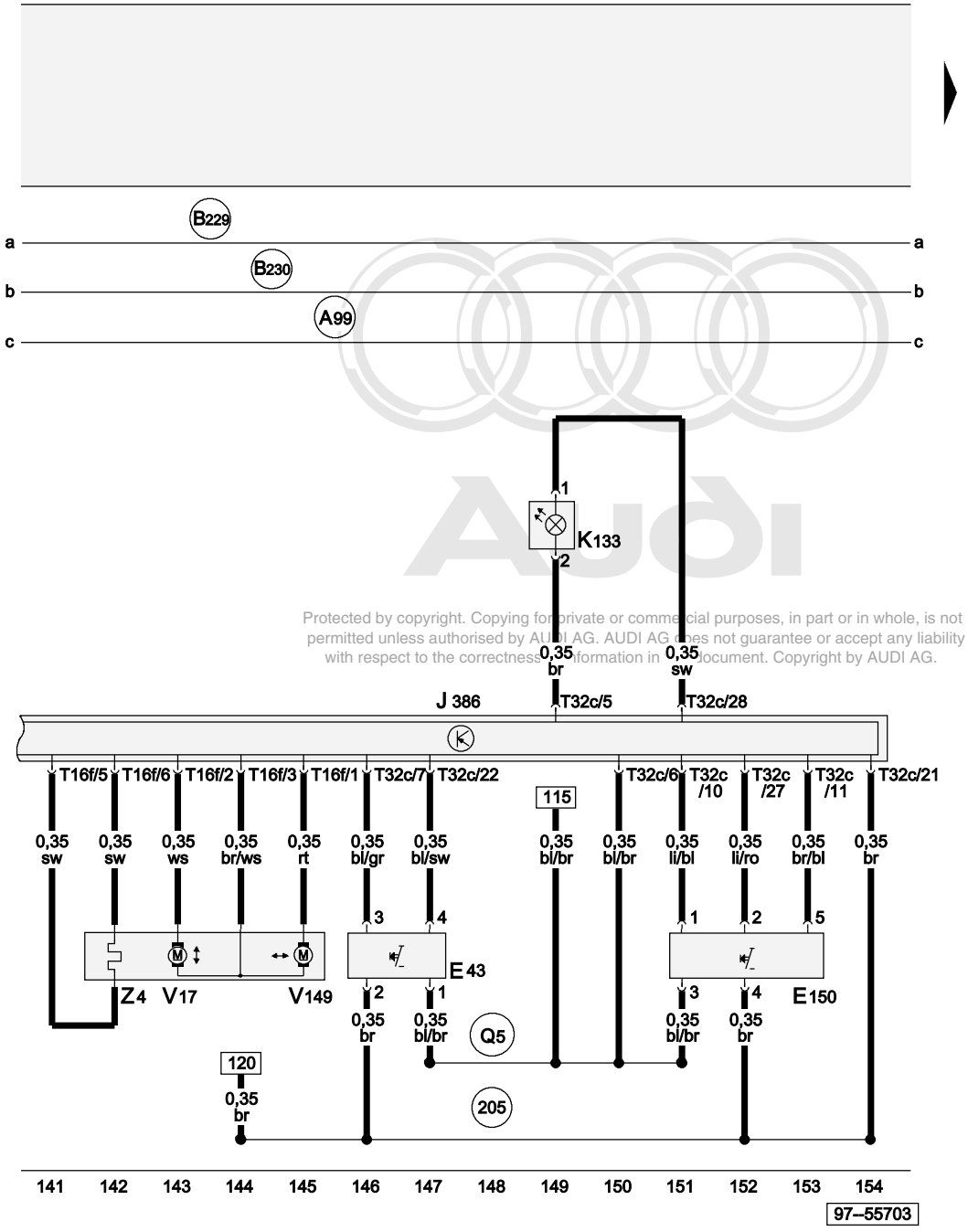

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Mirror adjustment switch, interior locking switch - driver's side, heated exterior mirror - driver's side

E43	Mirror adjustment switch
E150	Interior locking switch, driver's side
J386	Door control unit, driver's side
K133	Central locking warning lamp -SAFE-
T16f	16-pin connector, door control unit, driver's door
T32c	32-pin connector, grey, door control unit, driver's door
V17	Mirror adjustment motor, driver's side
V149	Mirror adjustment motor, driver's side
Z4	Heated exterior mirror, driver's side
205	Earth connection, in door wiring harness - driver's side
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
Q5	Positive (+) connection (58), in electric window/central locking and door contact switch wiring harness

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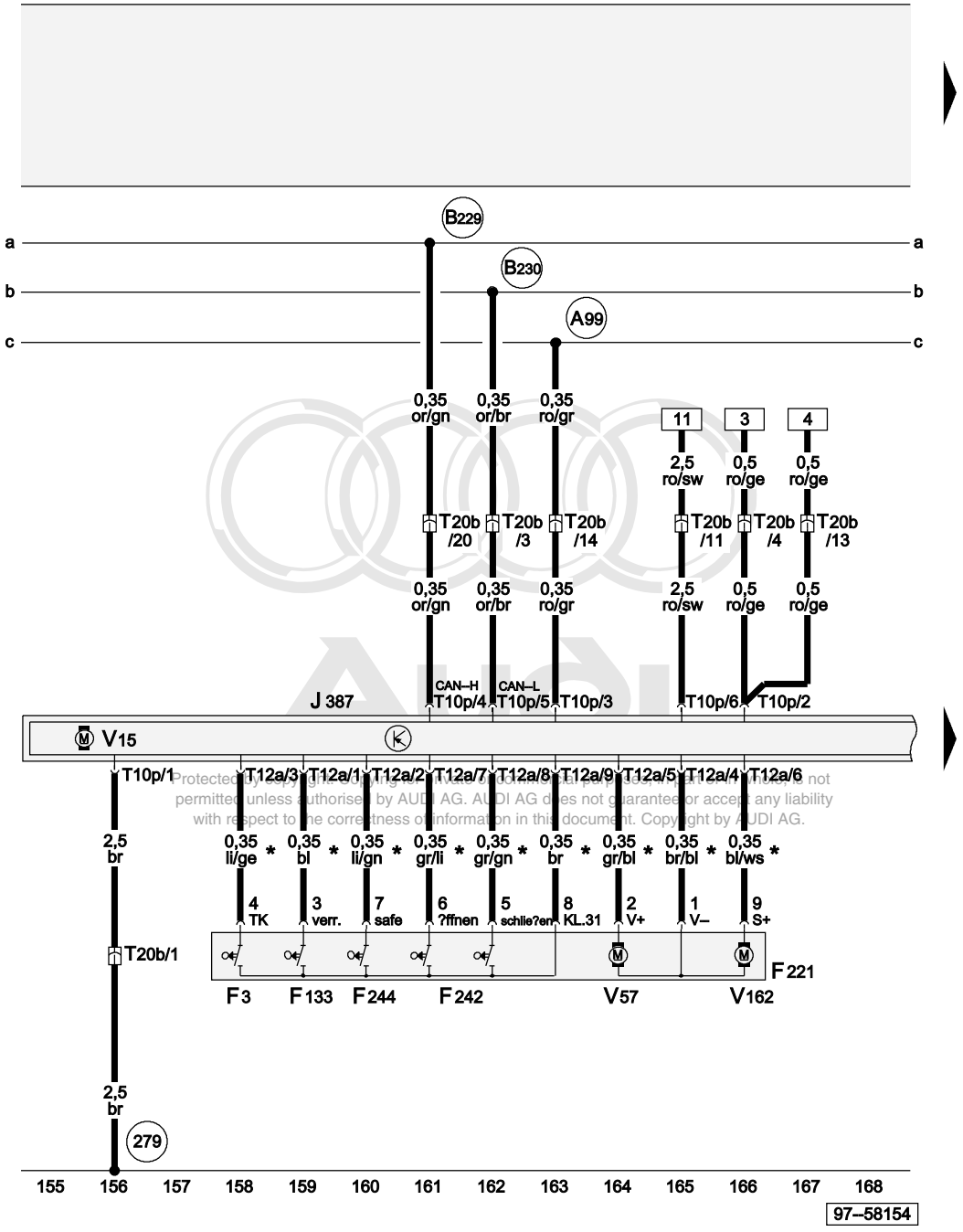

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Door contact switch - front passenger's side, central locking lock unit - front passenger's side, door control unit - front passenger's side

F3	Door contact switch, front passenger's side
F133	Central locking actuator, front right
F221	Central locking lock unit, front passenger's side
F242	Contact switch in lock cylinder, front passenger's side
F244	Central locking actuator (Safe), front passenger's door
J387	Door control unit, front passenger's side
T10p	10-pin connector, black, door, front right
T12a	12-pin connector, black, on door control unit, front passenger's side
T20b	20-pin connector, black, at A pillar, right
V15	Electric window motor, right
V57	Central locking motor, front passenger's door
V162	Central locking motor (Safe), front passenger's door
279	Earth connection -5-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models without remote control for central locking system

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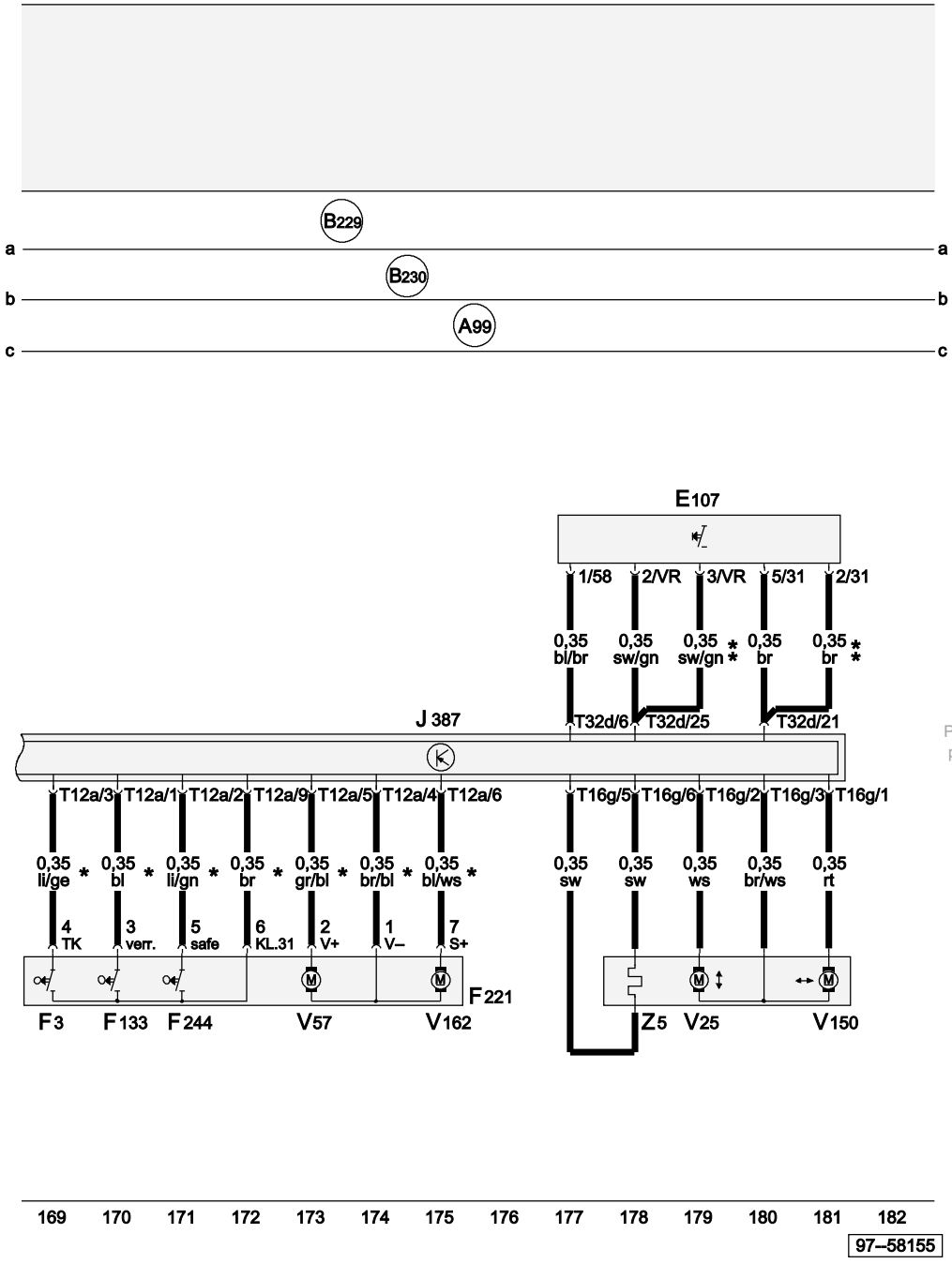

Electric window switch in front passenger's door, mirror adjustment motor - front passenger's side, heated exterior mirror - front passenger's side

E107	Electric window switch, in front passenger's door
F3	Door contact switch, front passenger's side
F133	Central locking actuator, front right
F221	Central locking lock unit, front passenger's side
F244	Central locking actuator (Safe), front passenger's door
J387	Door control unit, front passenger's side
T12a	12-pin connector, black, on door control unit, front passenger's side
T16g	16-pin connector, door control unit, front passenger's door
T32d	32-pin connector, grey, door control unit, front passenger's door
V25	Mirror adjustment motor, front passenger's side
V57	Central locking motor, front passenger's door
V150	Mirror adjustment motor, front passenger's side
V162	Central locking motor (Safe), front passenger's door
Z5	Heated exterior mirror, front passenger's side
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with remote control for central locking system
**	Only applies to models with 4-pole switch

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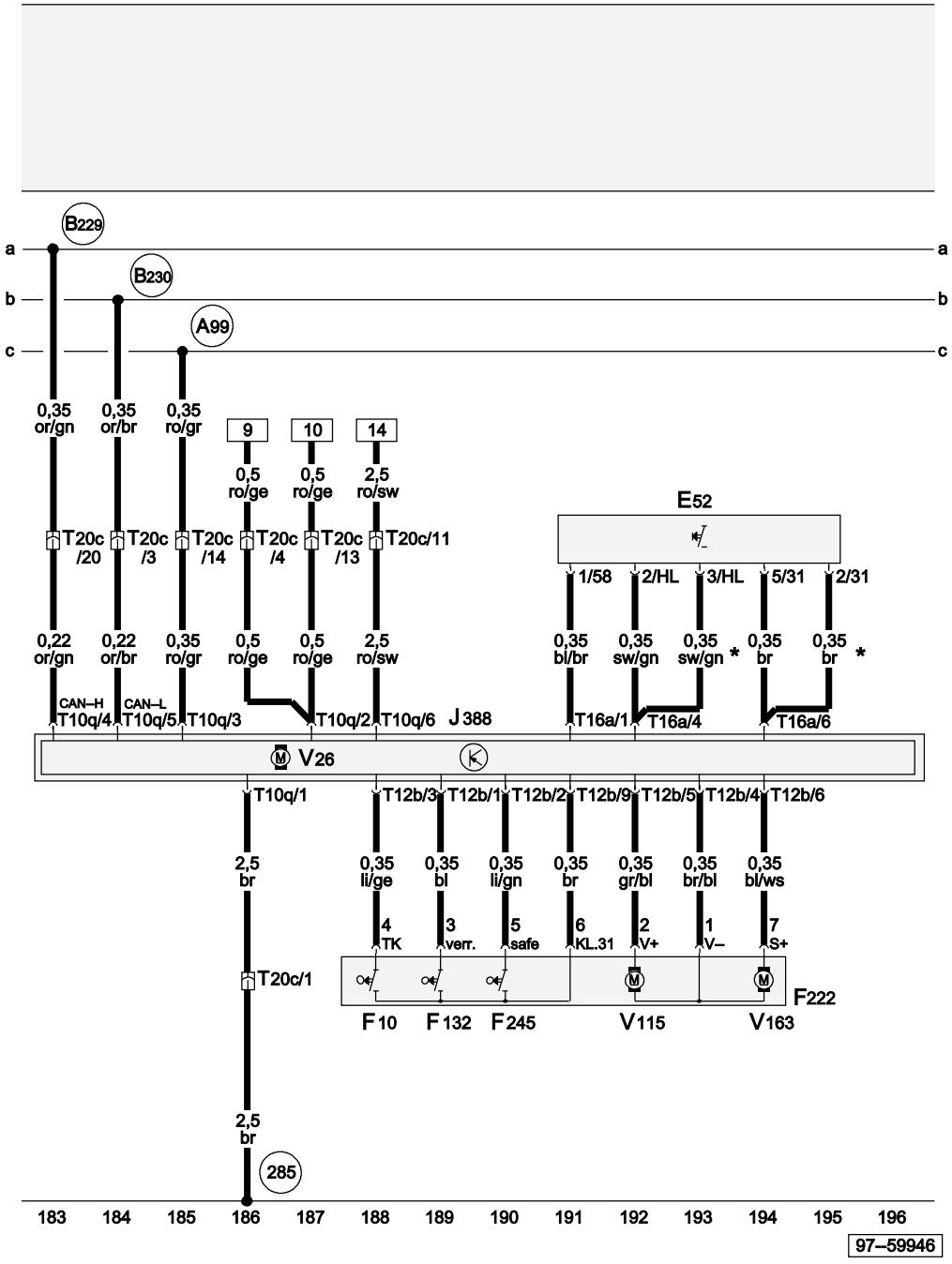

Rear left electric window switch (in door), rear left central locking lock unit, rear left door control unit

E52	Rear left electric window switch, in door
F10	Rear left door contact switch
F132	Central locking actuator, rear left
F222	Central locking lock unit, rear left
F245	Central locking actuator (Safe), rear left door
J388	Door control unit, rear left
T10q	10-pin connector, black, door control unit, rear left
T12b	12-pin connector, black, door control unit, rear left
T16a	16-pin connector, brown, door control unit, rear left
T20c	20-pin connector, black, at B pillar, left
V26	Electric window motor, rear left
V115	Central locking motor, rear left door
V163	Central locking motor (Safe), rear left door
285	Earth connection 7, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with 4-pole switch

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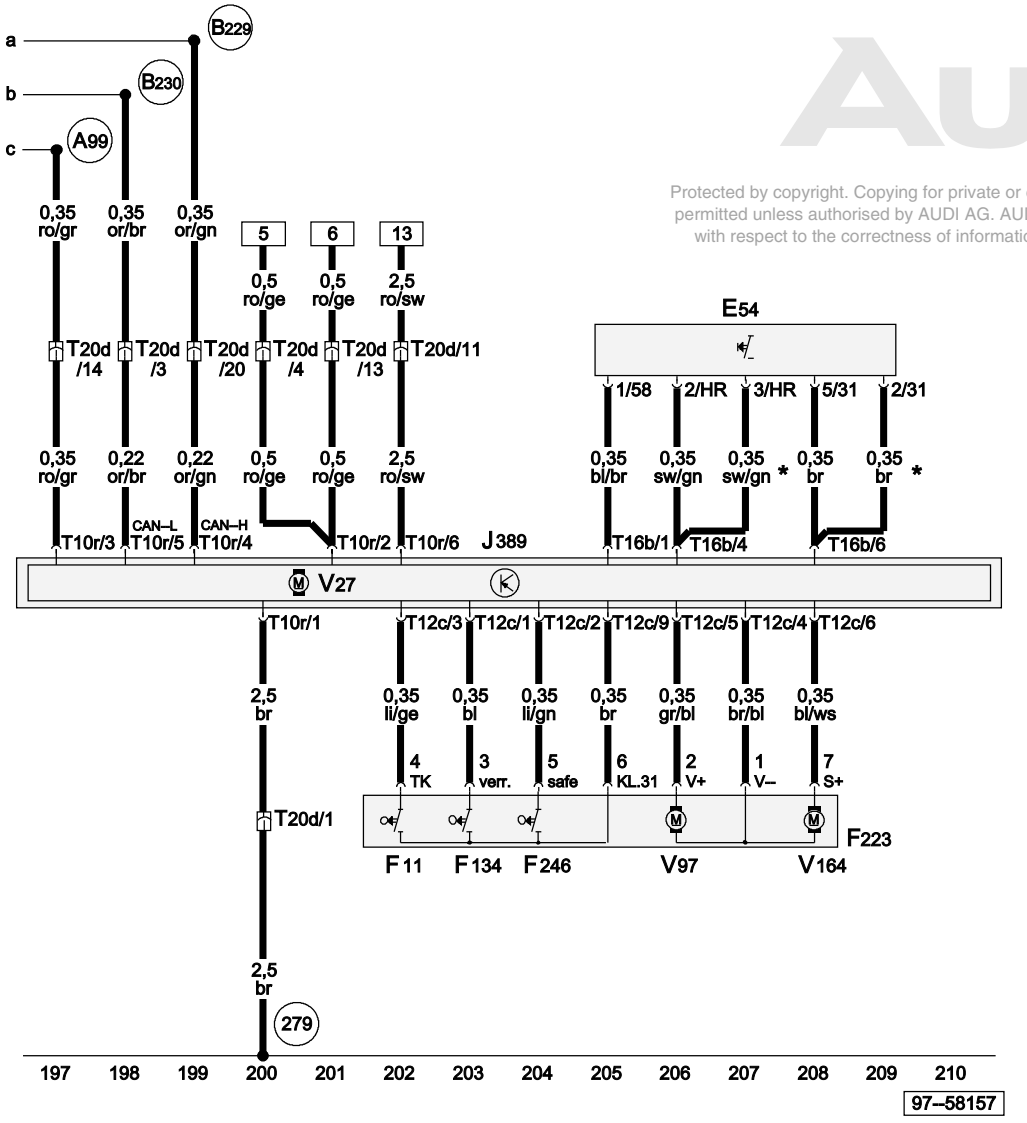
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear right electric window switch (in door), rear right central locking lock unit, rear right door control unit



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E54	Rear right electric window switch, in door
F11	Rear right door contact switch
F134	Central locking actuator, rear right
F223	Central locking lock unit, rear right
F246	Central locking actuator (Safe), rear right door
J389	Door control unit, rear right
T10r	10-pin connector, black, door, rear right
T12c	12-pin connector, black, door, rear right
T16b	16-pin connector, brown, door, rear right
T20d	20-pin connector, black, at B pillar, right
V27	Electric window motor, rear right
V97	Central locking motor, rear right door
V164	Central locking motor (Safe), rear right door

279	Earth connection -5-, in interior wiring harness
A99	Connection -1- (87), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with 4-pole switch

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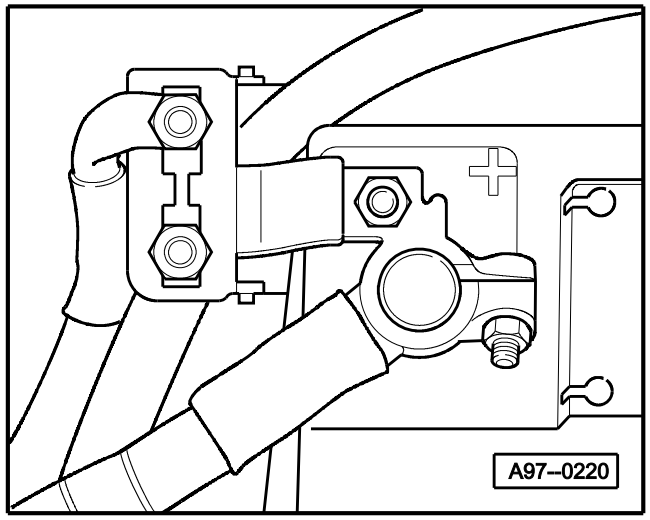
Airbags for driver and front passenger with belt tensioners and side airbags

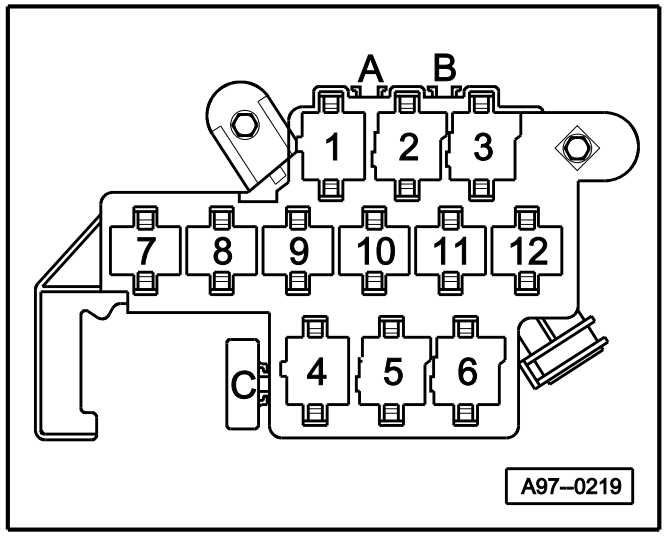
From model year 2004

Main fuse



- On battery

6+6-point relay carrier



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- In footwell, front left

5 - Fuel pump relay (J17)

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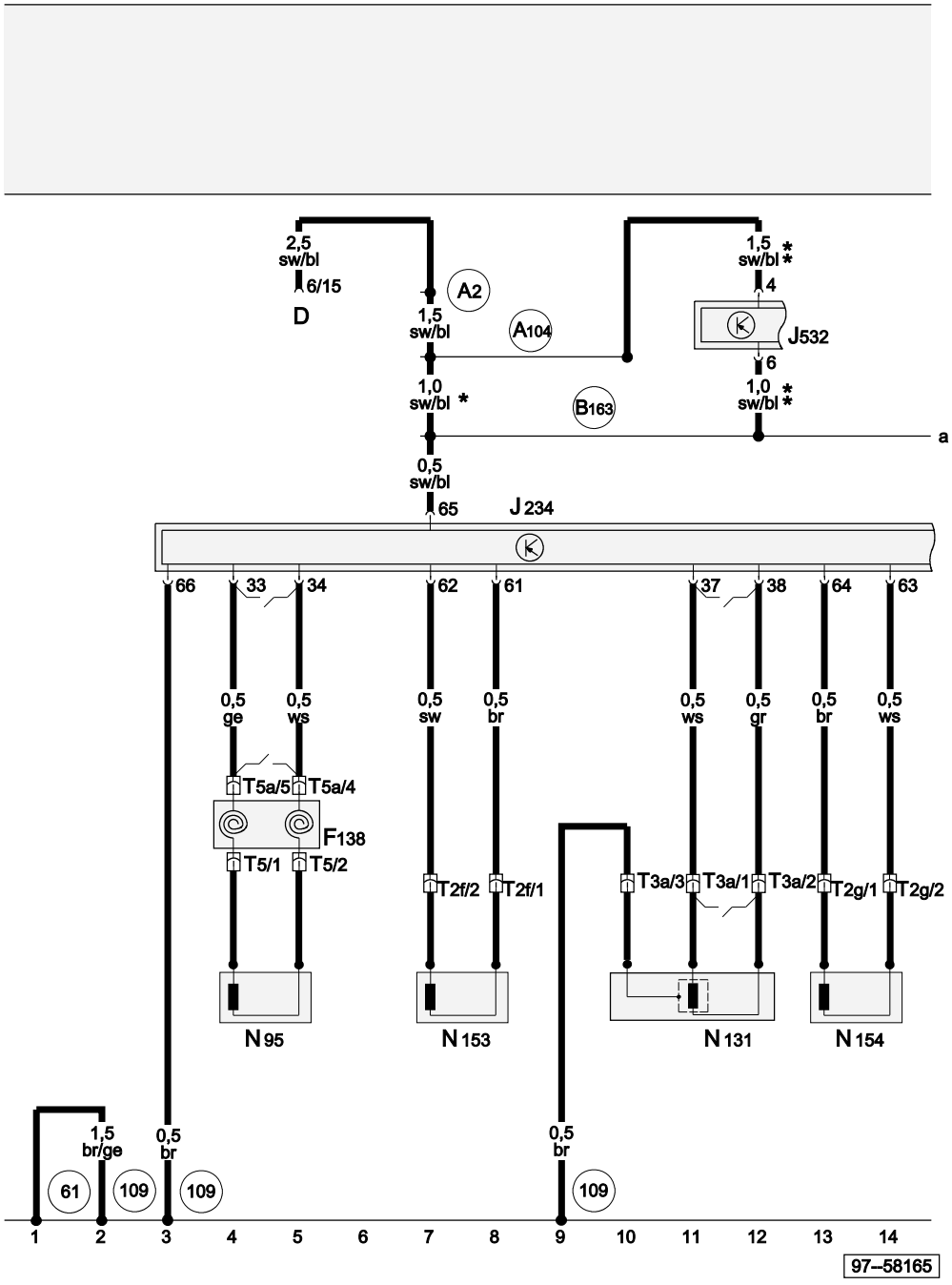

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Airbag coil connector/return spring with slip ring, airbag igniter - driver's side, airbag igniter 1 - front passenger's side, belt tensioner igniter -1- - driver's side

D	Ignition/starter switch
F138	Airbag coil connector/return spring with slip ring
J234	Airbag control unit
J532	Voltage stabiliser
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
N153	Belt tensioner igniter -1-, driver's side
N154	Belt tensioner igniter -1-, front passenger's side
T2f	2-pin connector, at B pillar, left
T2g	2-pin connector, at B pillar, right
T3a	3-pin connector, yellow, behind airbag unit
T5	5-pin connector, yellow, in steering wheel
T5a	5-pin connector, yellow, behind steering column switch trim
61	Earth point, left C pillar
109	Earth connection, in airbag wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Does not apply to models with engine code ANY
**	Only applies to models with engine code ANY
<fo:external-graphic src="../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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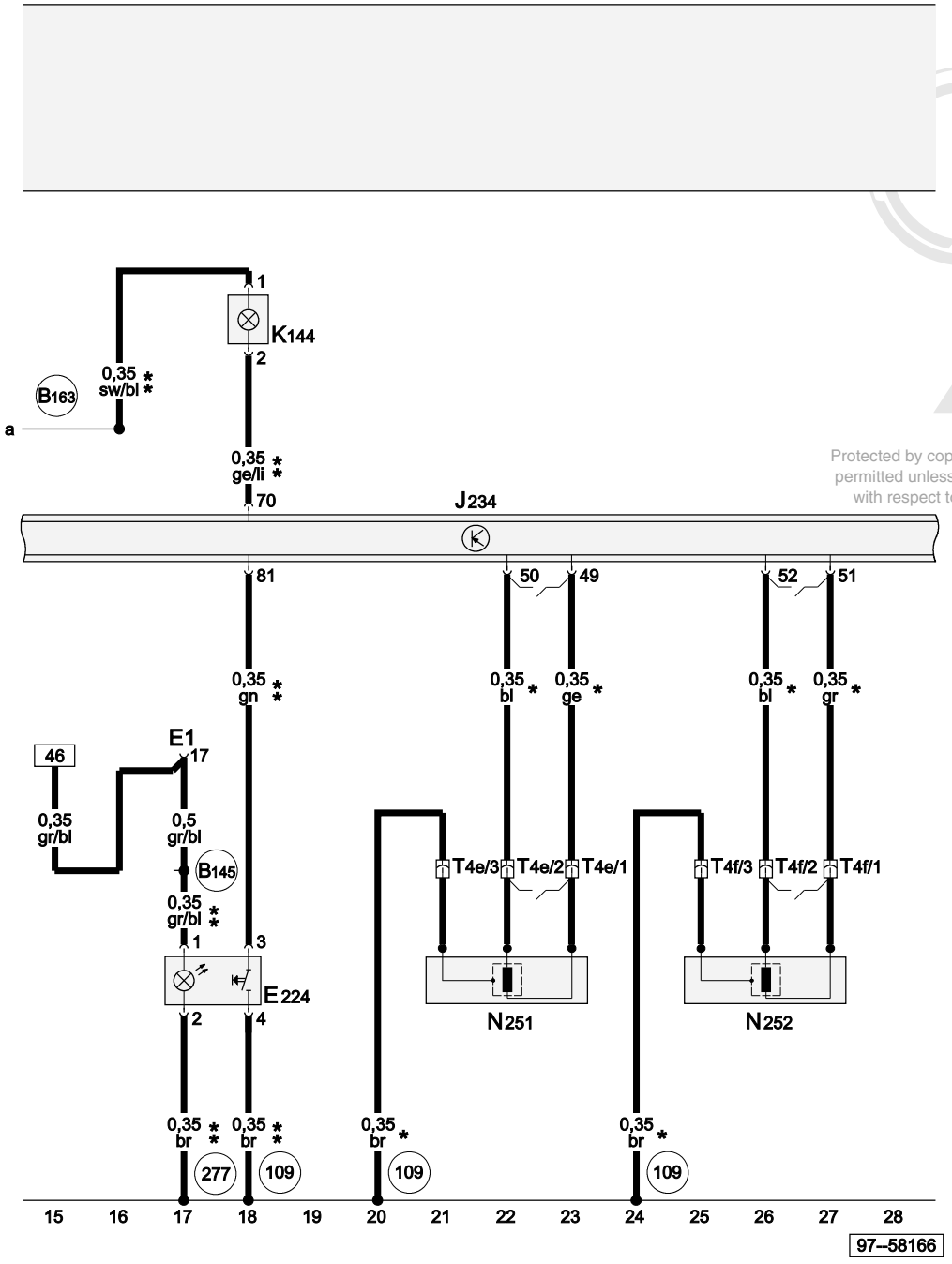

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Airbag disabling key switch - front passenger's side, airbag control unit, curtain airbag igniter - driver's side, curtain airbag igniter - front passenger's side

E1	Lighting switch
E224	Airbag disabling key switch, front passenger's side
J234	Airbag control unit
K144	Airbag disabled warning lamp, driver's side
N251	Curtain airbag igniter, driver's side
N252	Curtain airbag igniter, front passenger's side
T4e	4-pin connector, yellow, under driver's seat
T4f	4-pin connector, yellow, under front passenger's seat
109	Earth connection, in airbag wiring harness
277	Earth connection -3-, in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
*	Only applies to models with curtain airbags
**	Only applies to models with airbag disabling key switch, front passenger's side
<fo:external-graphic src="../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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Side airbag crash sensor - driver's side, side airbag crash sensor - front passenger's side, side airbag igniter - driver's side, side airbag igniter - front passenger's side

G179	Side airbag crash sensor, driver's side
G180	Side airbag crash sensor, front passenger's side
J234	Airbag control unit
N199	Side airbag igniter, driver's side
N200	Side airbag igniter, front passenger's side
109	Earth connection, in airbag wiring harness
<fo:external-graphic src="../PDOC/samba/tools/png-convert/out//slp/ft_icons/kurzbr_l.png" content-width="20pt" scaling="uniform"/>	Short circuit bridge becomes effective when connector is unplugged.

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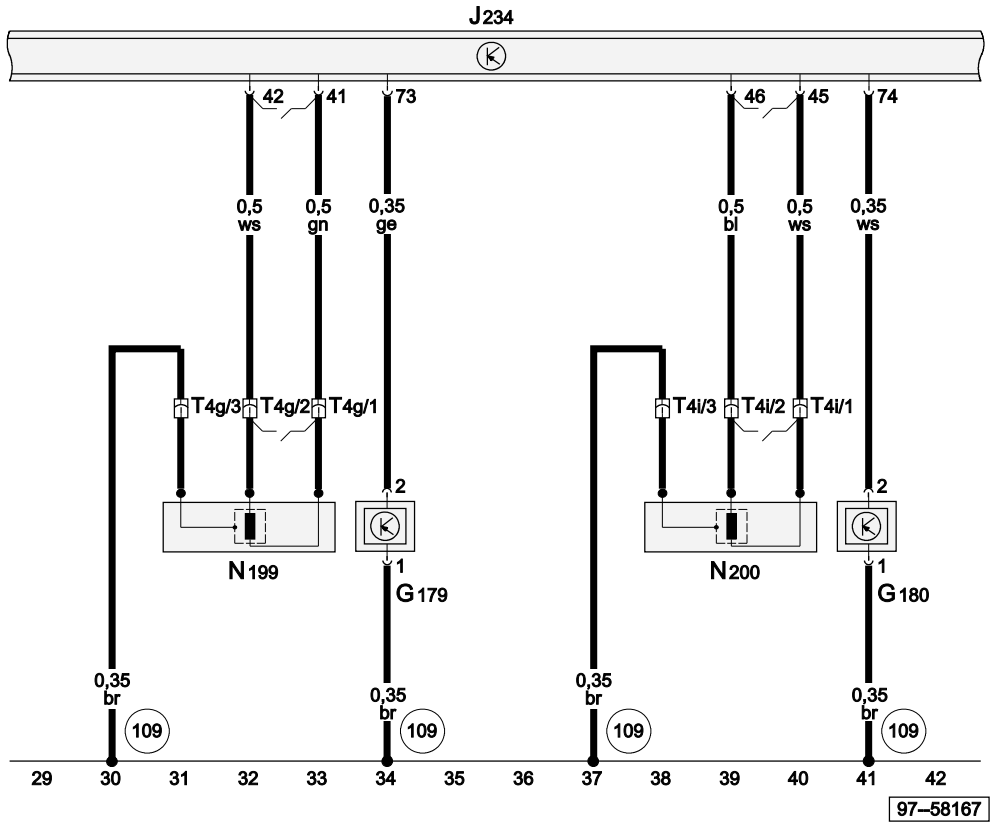

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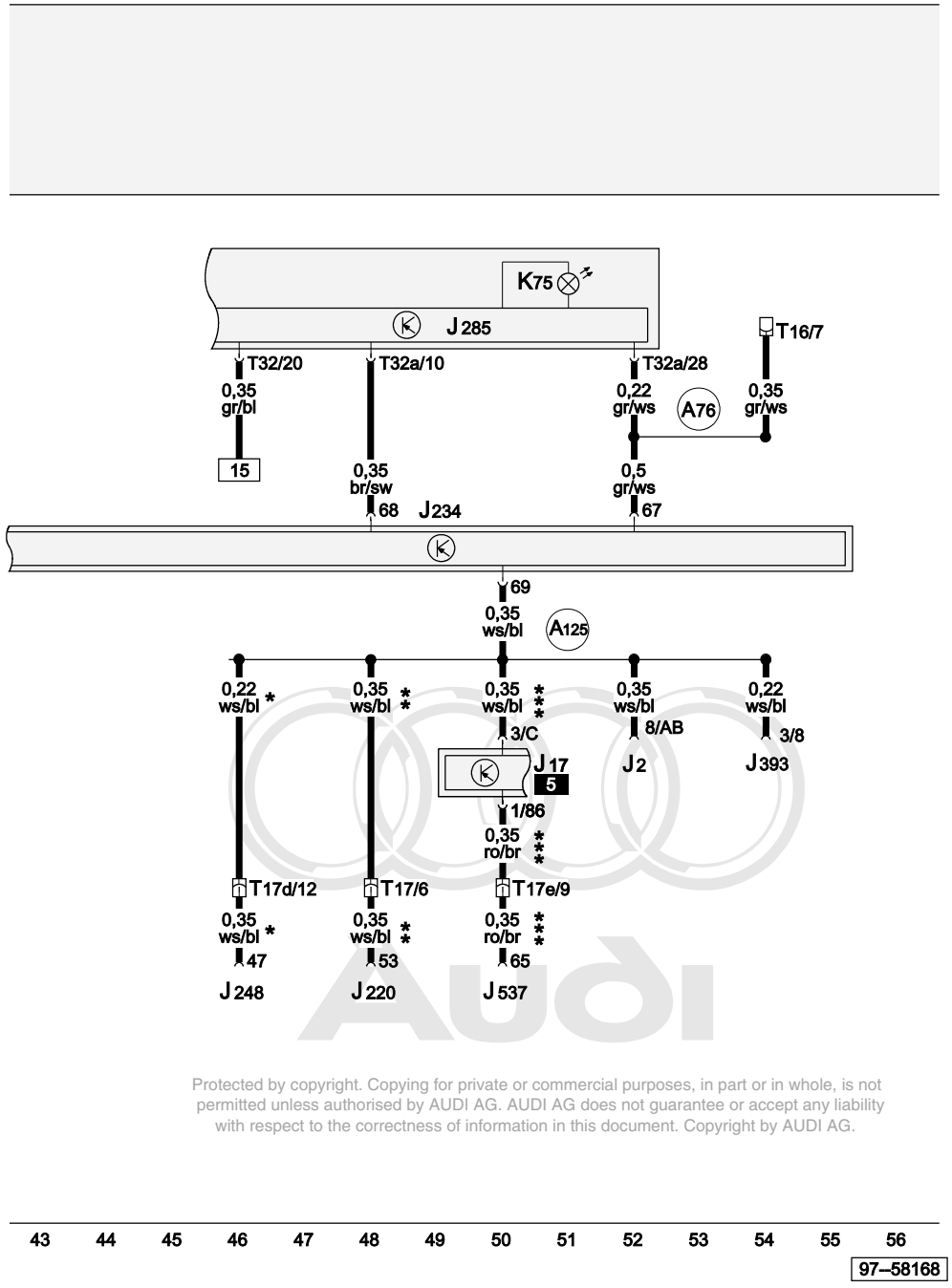

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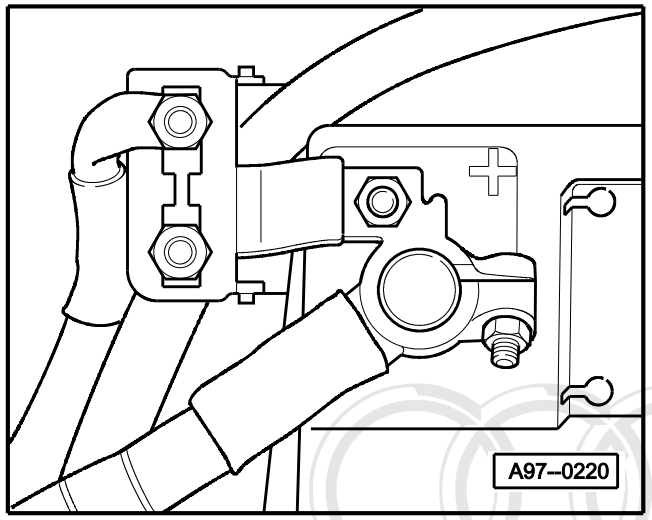
Hazard warning light relay, Motronic control unit, diesel direct injection system control unit, 4LV (injection system) control unit, convenience system central control unit

J2	Hazard warning light relay
J17	Fuel pump relay
J220	Motronic control unit
J234	Airbag control unit
J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J393	Convenience system central control unit
J537	4LV (injection system) control unit
K75	Airbag warning lamp
T16	16-pin connector, diagnostic connector, black, near fuse box
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
A76	Connection (diagnosis wire K), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
*	Only applies to models with engine codes AMF, ANY, ATL and BHC
**	Only applies to models with engine code BAD
***	Only applies to models with engine code BBY

CAN bus wires

From model year 2004

Main fuse



- On battery

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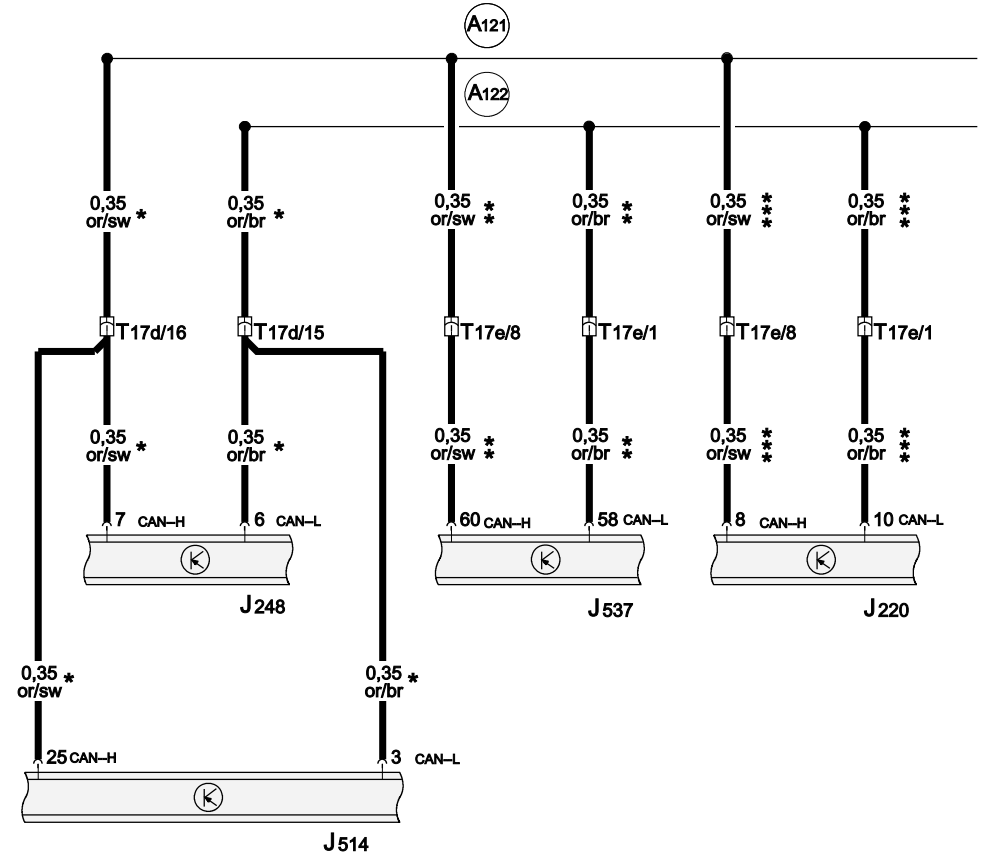

Motronic control unit, diesel direct injection system control unit, electronic manual gearbox control unit, 4LV (injection system) control unit

J220	Motronic control unit
J248	Diesel direct injection system control unit
J514	Electronic manual gearbox control unit
J537	4LV (injection system) control unit
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only applies to models with engine code ANY
**	Only applies to models with engine code BBY
***	Only applies to models with engine code BAD

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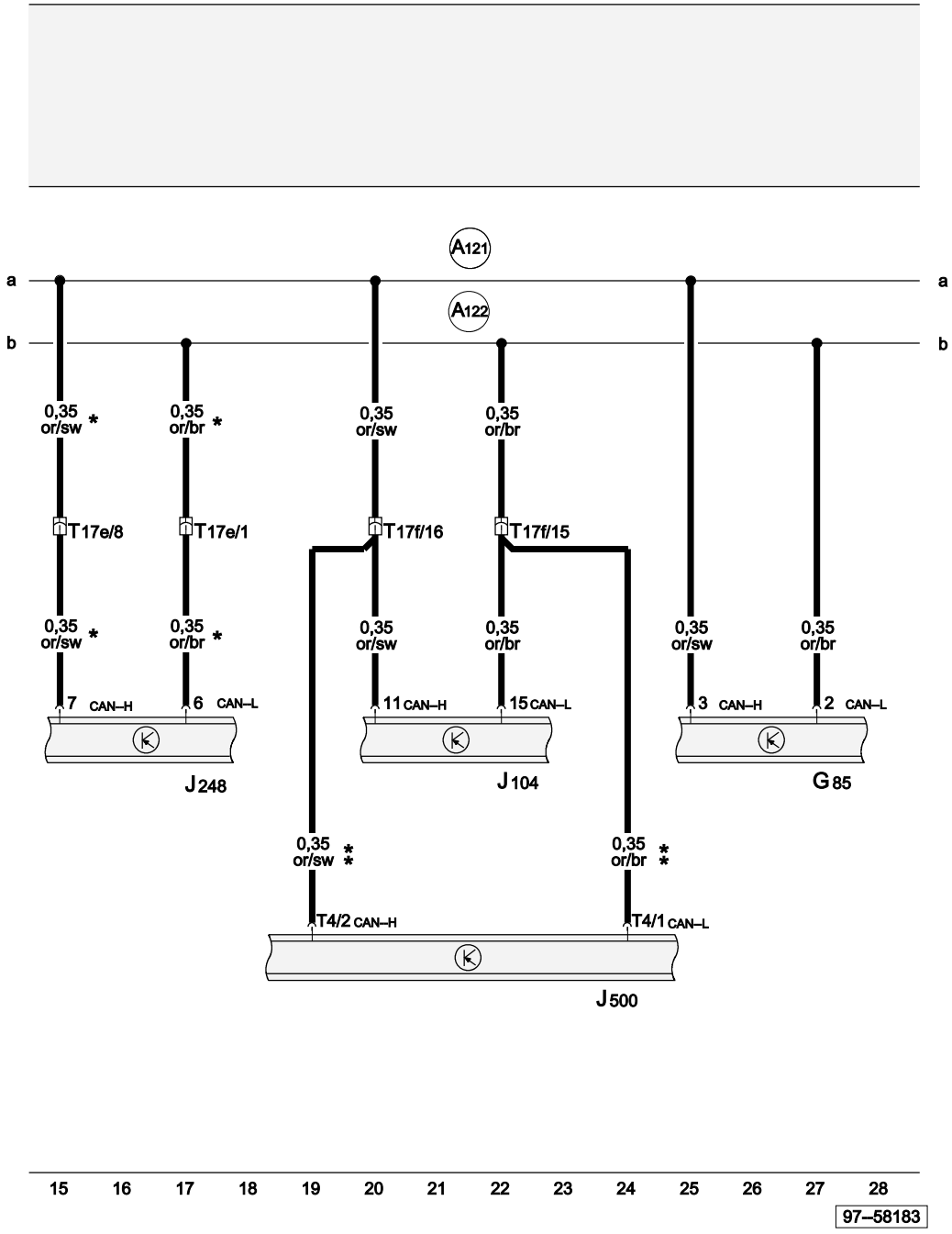

Steering angle sender, ABS with EDL control unit, diesel direct injection system control unit, power steering control unit

G85	Steering angle sender
J104	ABS with EDL control unit
J248	Diesel direct injection system control unit
J500	Power steering control unit
T4	4-pin connector, black, on power steering control unit
T17e	17-pin connector, blue, in footwell, front left
T17f	17-pin connector, white, connector point, A pillar, left
A121	Connection (high bus), in dash panel wiring harness
A122	Connection (low bus), in dash panel wiring harness
*	Only applies to models with engine codes AMF, ATL and BHC
**	Only applies to models with power steering

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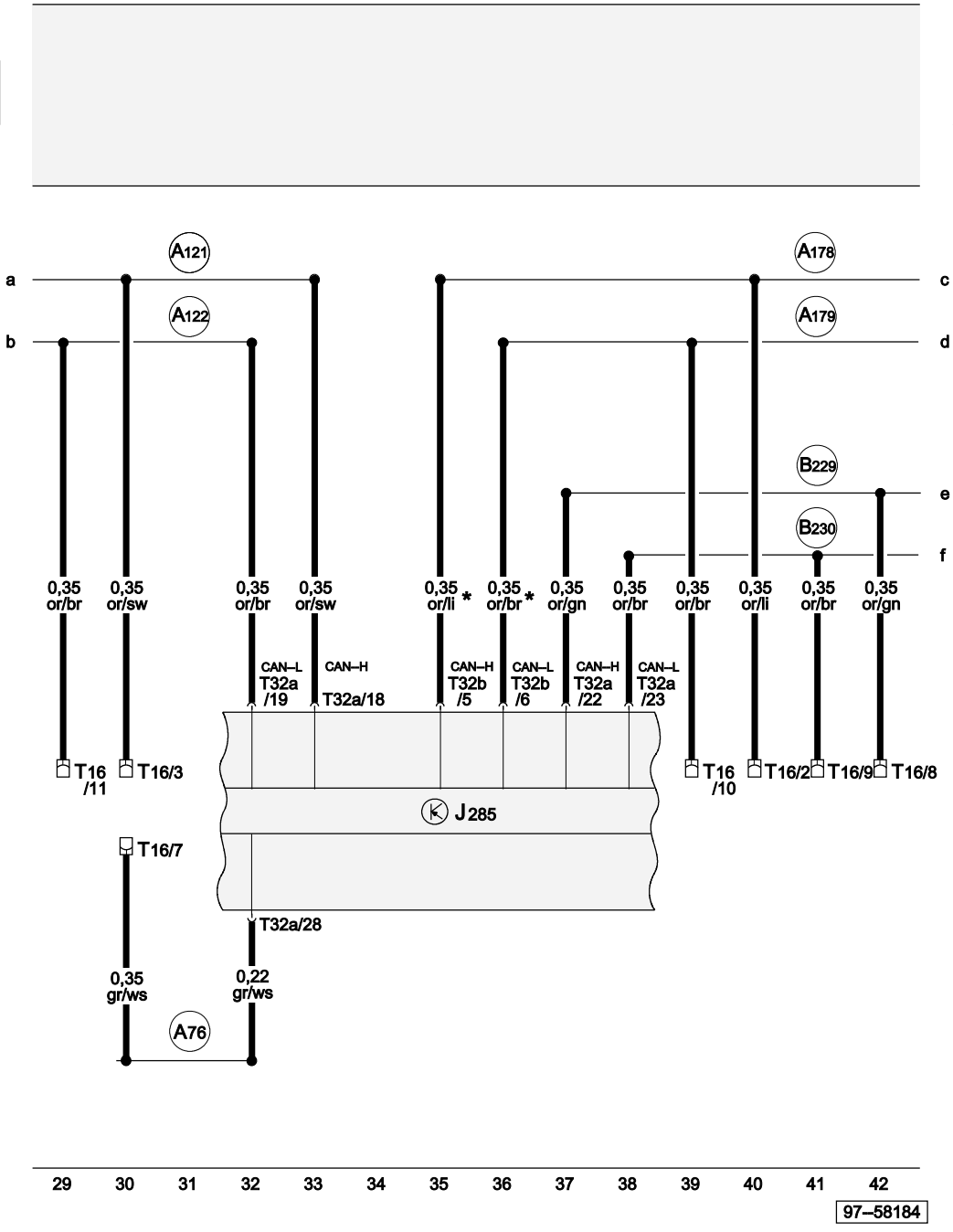

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Control unit with display in dash panel insert

J285 Control unit with display in dash panel insert
T16 16-pin connector, diagnostic connector, black, near fuse box
T32a 32-pin connector, green, on dash panel insert
T32b 32-pin connector, grey, on dash panel insert

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

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

B229 Connection (high bus), in interior wiring harness

B230 Connection (low bus), in interior wiring harness

* Only applies to models with driver information system

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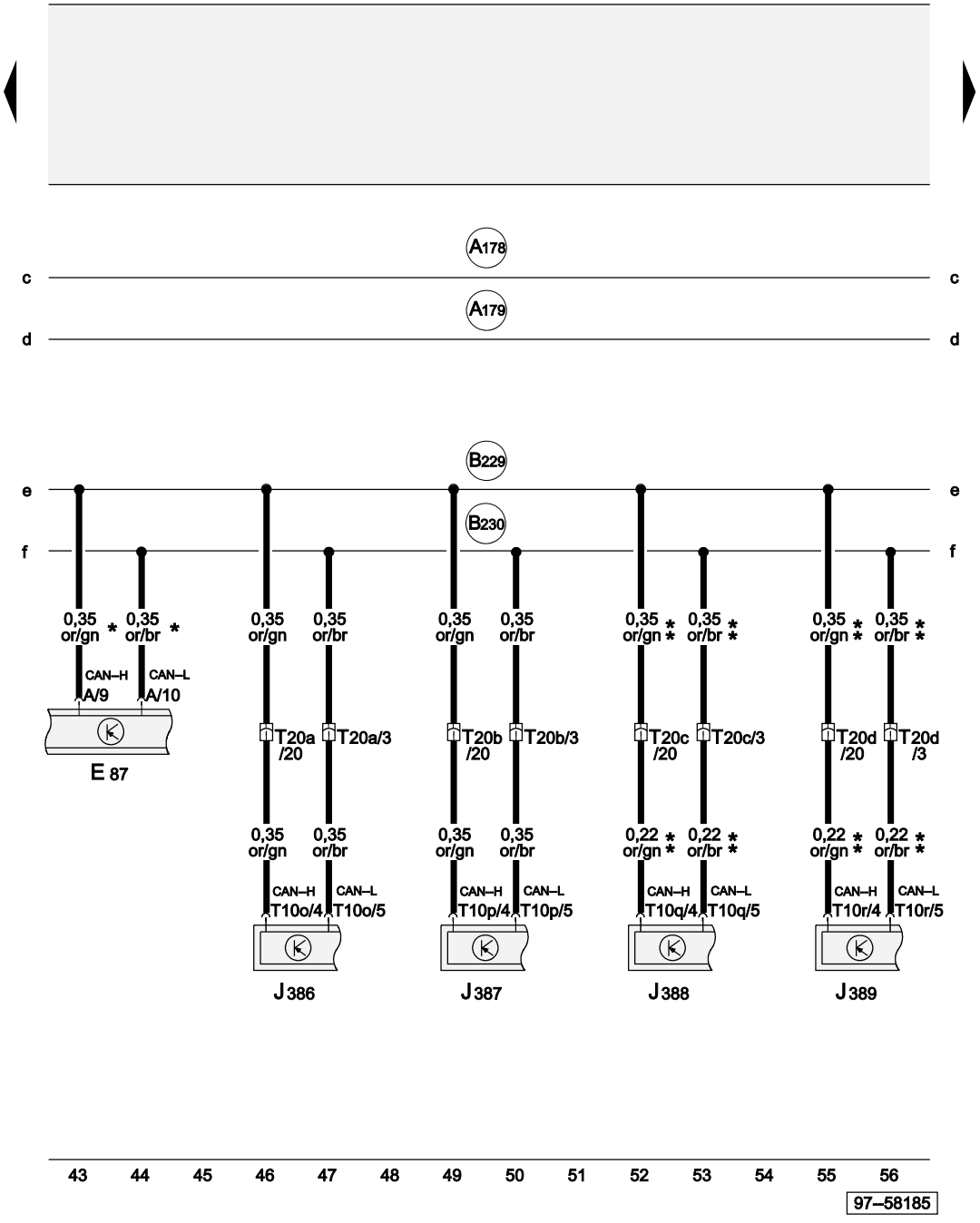

Air conditioning system/Climatronic operating and display unit, door control unit - driver's side, door control unit - front passenger's side, rear left door control unit

E87	Air conditioning system/Climatronic operating and display unit
J386	Door control unit, driver's side
J387	Door control unit, front passenger's side
J388	Door control unit, rear left
J389	Door control unit, rear right
T10o	10-pin connector, black, door control unit, driver's door
T10p	10-pin connector, black, door, front right
T10q	10-pin connector, black, door control unit, rear left
T10r	10-pin connector, black, door, rear right
T20a	20-pin connector, black, at A pillar, left
T20b	20-pin connector, black, at A pillar, right
T20c	20-pin connector, black, at B pillar, left
T20d	20-pin connector, black, at B pillar, right
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with air conditioner
**	Only applies to models with rear electric windows

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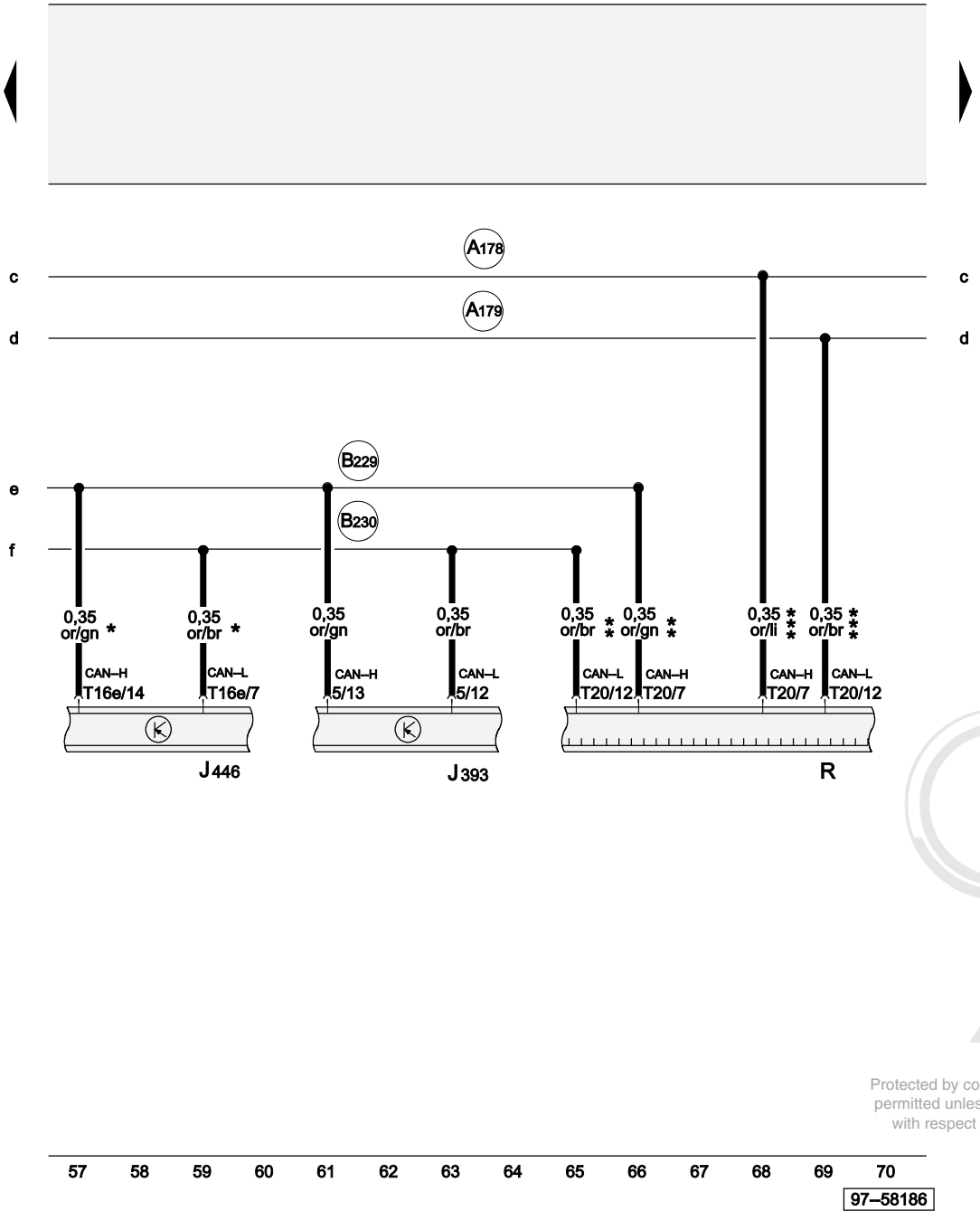

Convenience system central control unit, parking aid control unit, radio

J393	Convenience system central control unit
J446	Parking aid control unit
R	Radio
T16e	16-pin connector, black, in luggage compartment, right
T20	20-pin connector, black, radio connector I
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only applies to models with parking aid, rear
**	Only applies to models without driver information system
***	Only applies to models with driver information system

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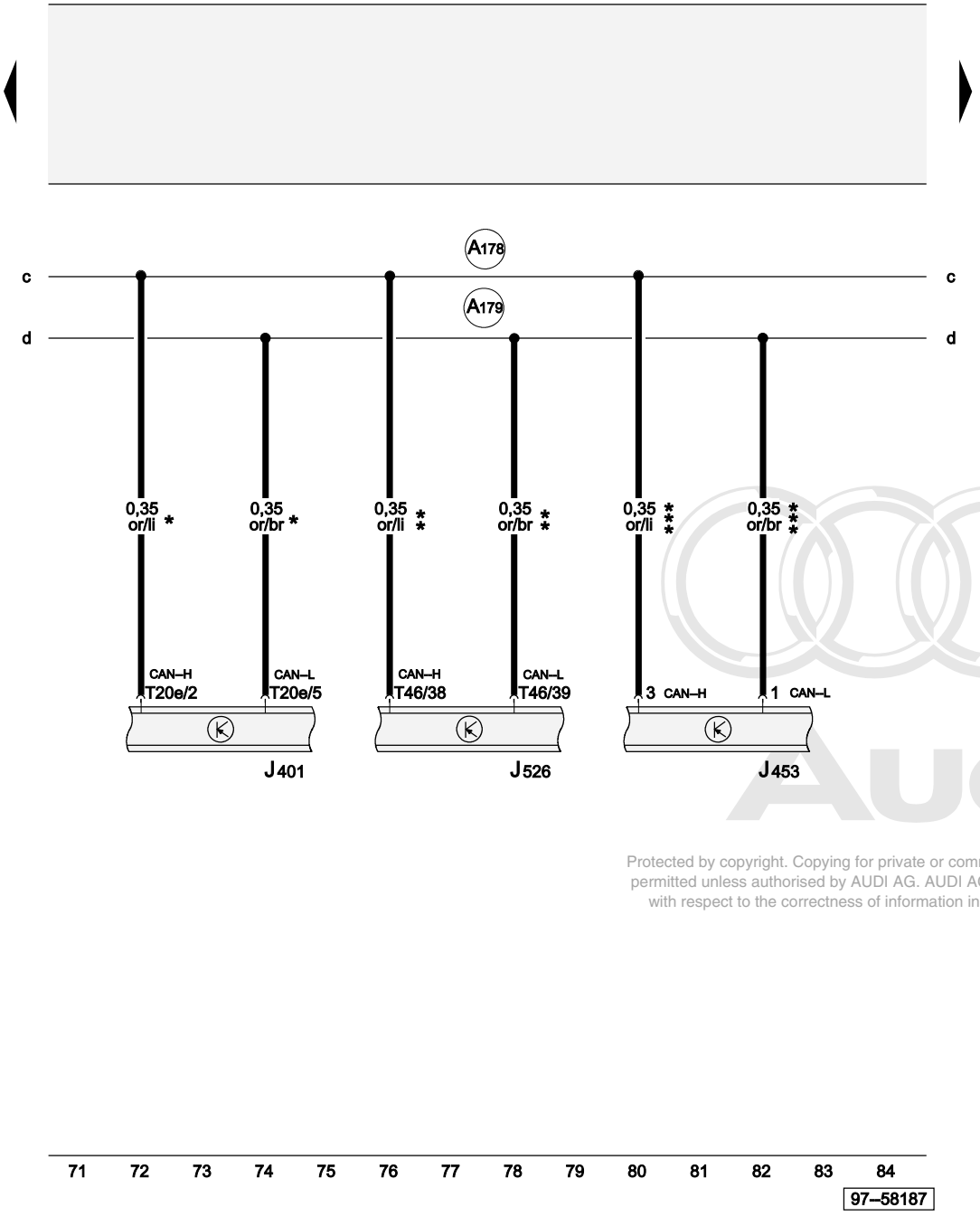

Navigation system with CD drive control unit, multi-function steering wheel control unit, telephone/telematics control unit

J401	Navigation system with CD drive control unit
J453	Multi-function steering wheel control unit
J526	Telephone/telematics control unit
T20e	20-pin connector, black, navigation system with CD drive control unit
T46	46-pin connector, black, on telephone/telematics control unit
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Only applies to models with navigation system 'NS Low'
**	Only applies to models with telephone/telematics
***	Only applies to models with multi-function steering wheel

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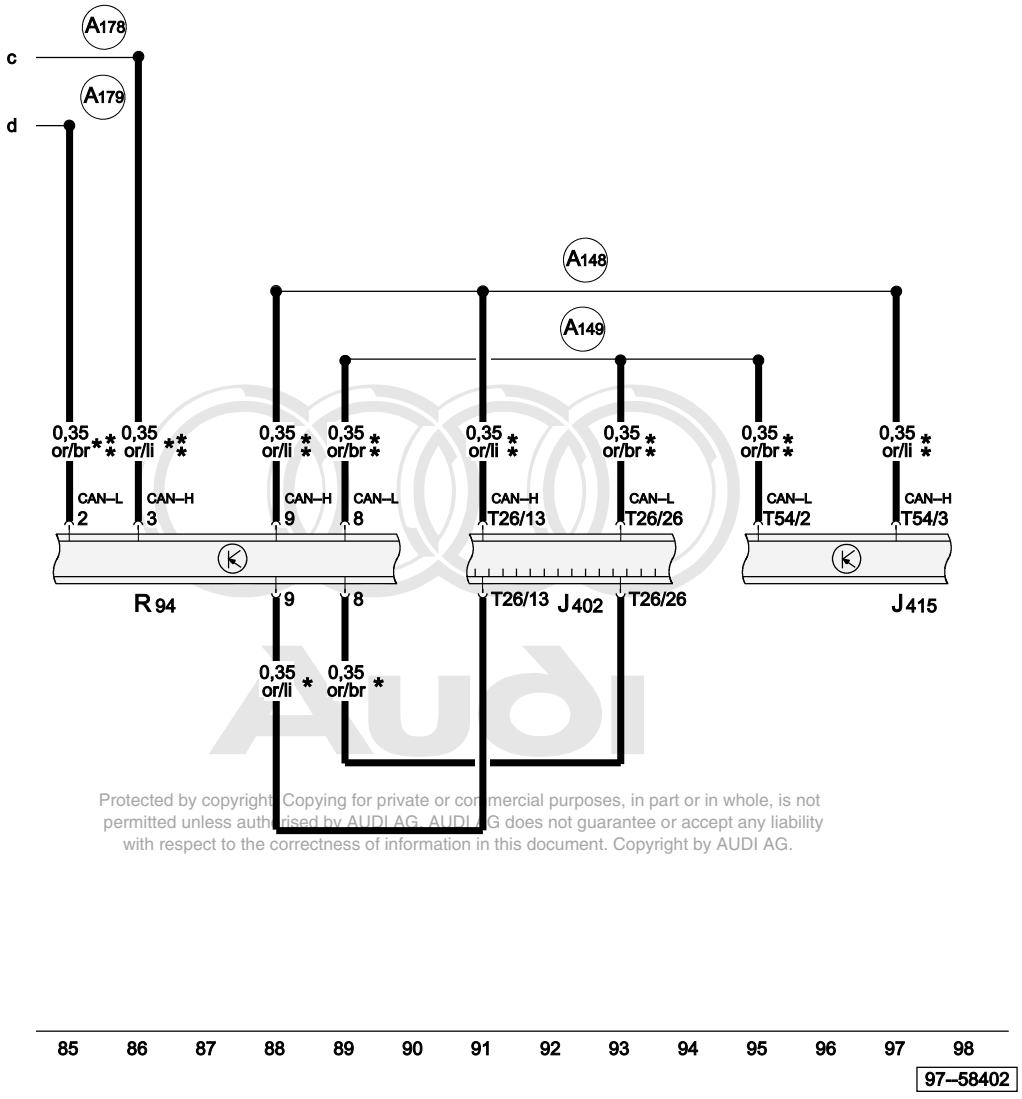

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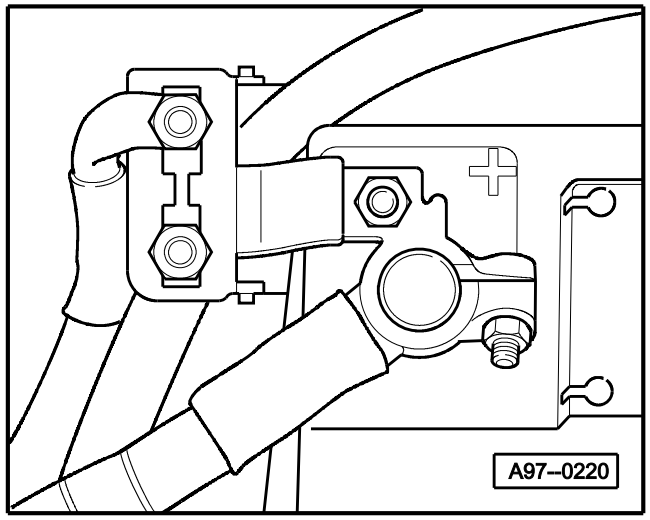
Navigation operating electronics control unit, navigation/TV tuner, navigation interface

J402	Operating electronics control unit, navigation
J415	Navigation/TV tuner
R94	Navigation interface
T26	26-pin connector, black, radio connector
T54	54-pin connector, black, on navigation/TV tuner
A148	Connection (navigation CAN bus, high), in dash panel wiring harness
A149	Connection (navigation CAN bus, low), in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Only applies to models with radio navigation system (RNS-D)
**	Only applies to models with radio navigation system (RNS-D) and TV tuner

Driver information system

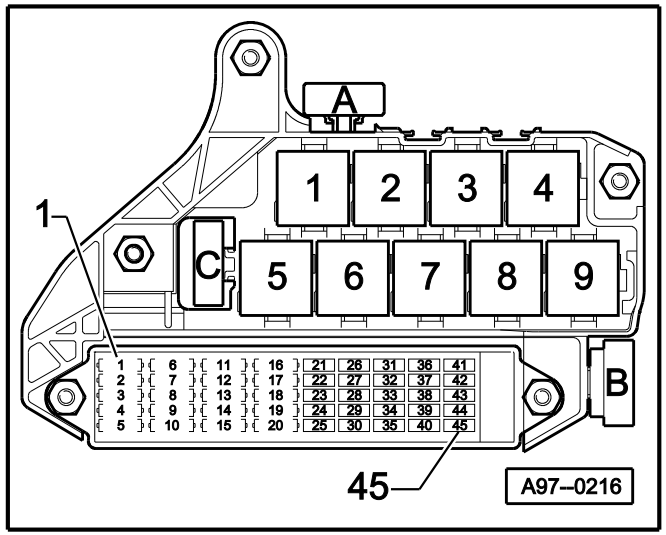
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

6 - Bulb check warning unit (K41)
7 - Bulb check warning unit (K41)
9 - X contact relief relay (J59)

Fuse colours

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

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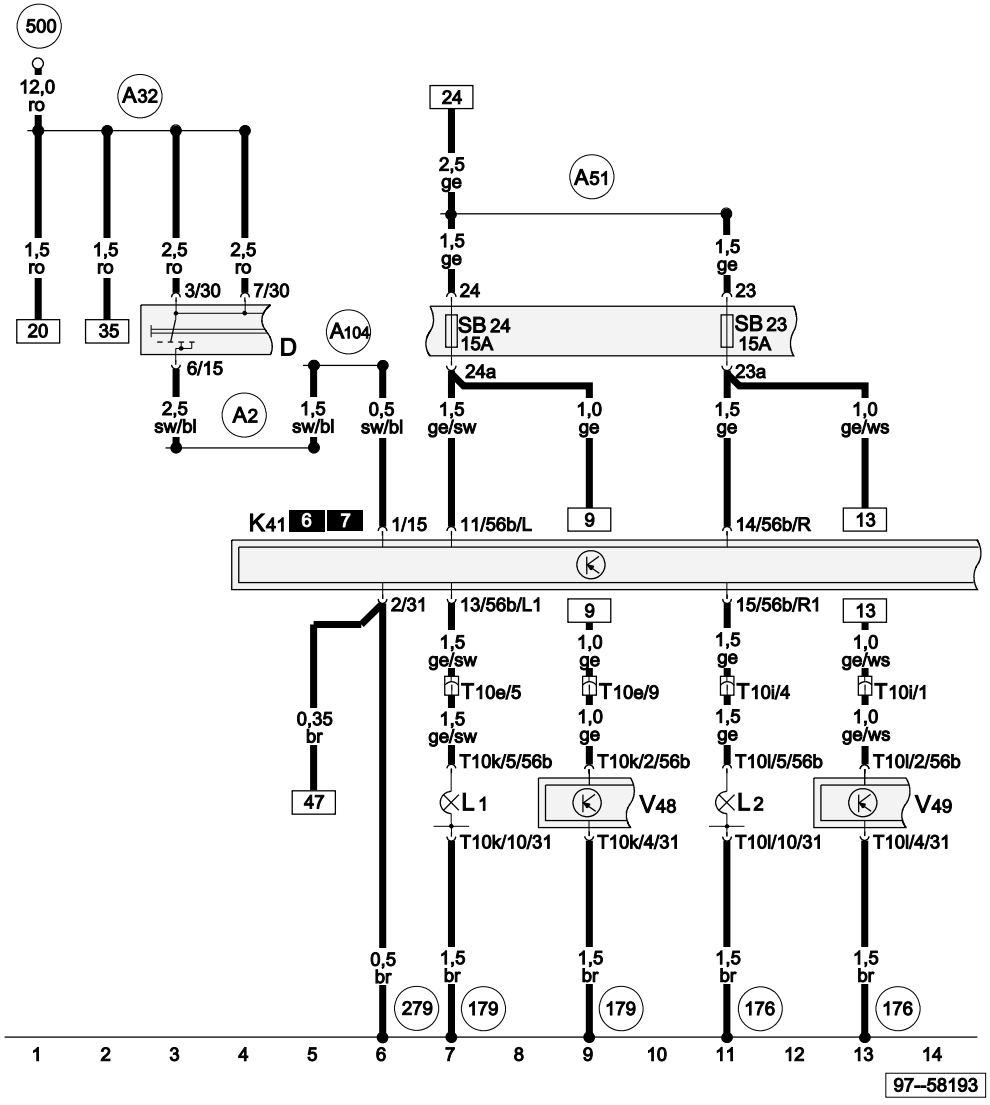

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ge = yellow
or = orange
rs = pink

Ignition/starter switch, bulb check warning unit, twin filament bulb for left headlight, right headlight range control motor

D	Ignition/starter switch
K41	Bulb check warning unit
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
SB23	Fuse -23- on fuse box
SB24	Fuse -24- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10i	10-pin connector, black, connector point, A pillar, right
T10k	10-pin connector, black, headlight, left
T10l	10-pin connector, black, headlight, right
V48	Headlight range control motor, left
V49	Headlight range control motor, right
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
279	Earth connection -5-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Connection (56), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness

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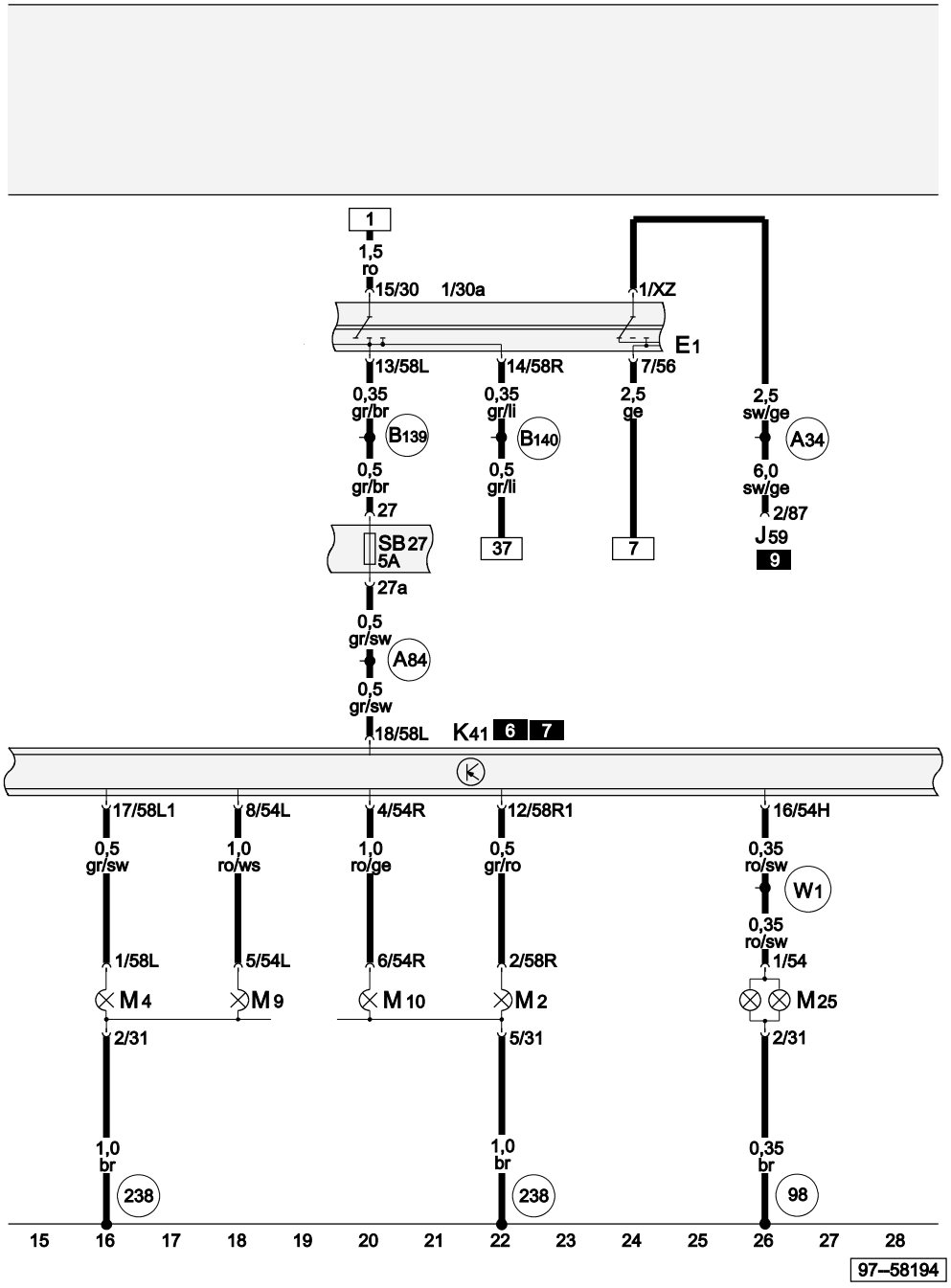

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Lighting switch, right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb

E1	Lighting switch
J59	X contact relief relay
K41	Bulb check warning unit
M2	Tail light bulb, right
M4	Tail light bulb, left
M9	Brake light bulb, left
M10	Brake light bulb, right
M25	High level brake light bulb
SB27	Fuse -27- on fuse box
98	Earth connection, in rear lid wiring harness
238	Earth connection -1-, in interior wiring harness
A34	Connection (75x), in dash panel wiring harness
A84	Connection (58L), in dash panel wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness
W1	Positive (+) connection -1- (54), in rear wiring harness

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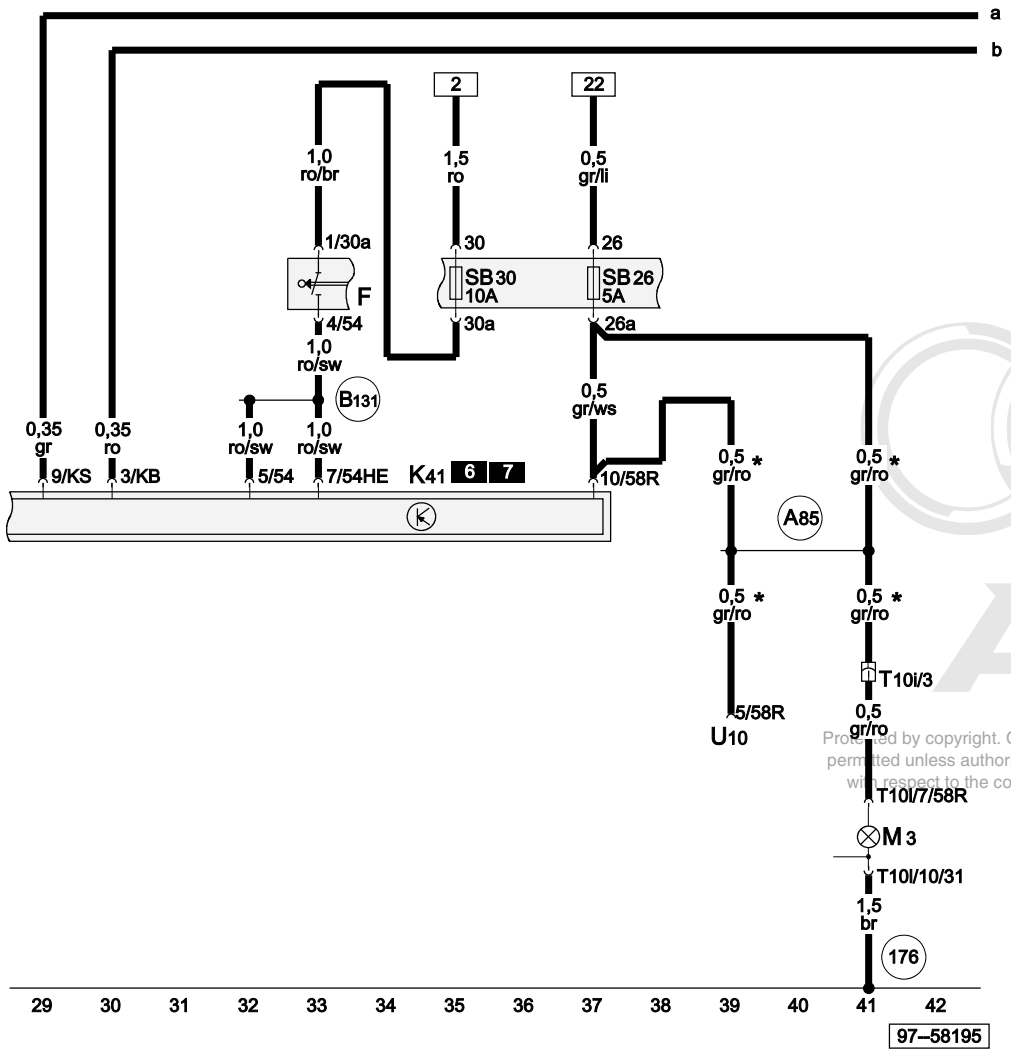
Brake light switch, bulb check warning unit, right side light bulb, trailer socket

F	Brake light switch
K41	Bulb check warning unit
M3	Side light bulb, right
SB26	Fuse -26- on fuse box
SB30	Fuse -30- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
U10	Trailer socket
176	Earth connection, in right headlight wiring harness
A85	Connection (58R), in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only applies to models with trailer socket



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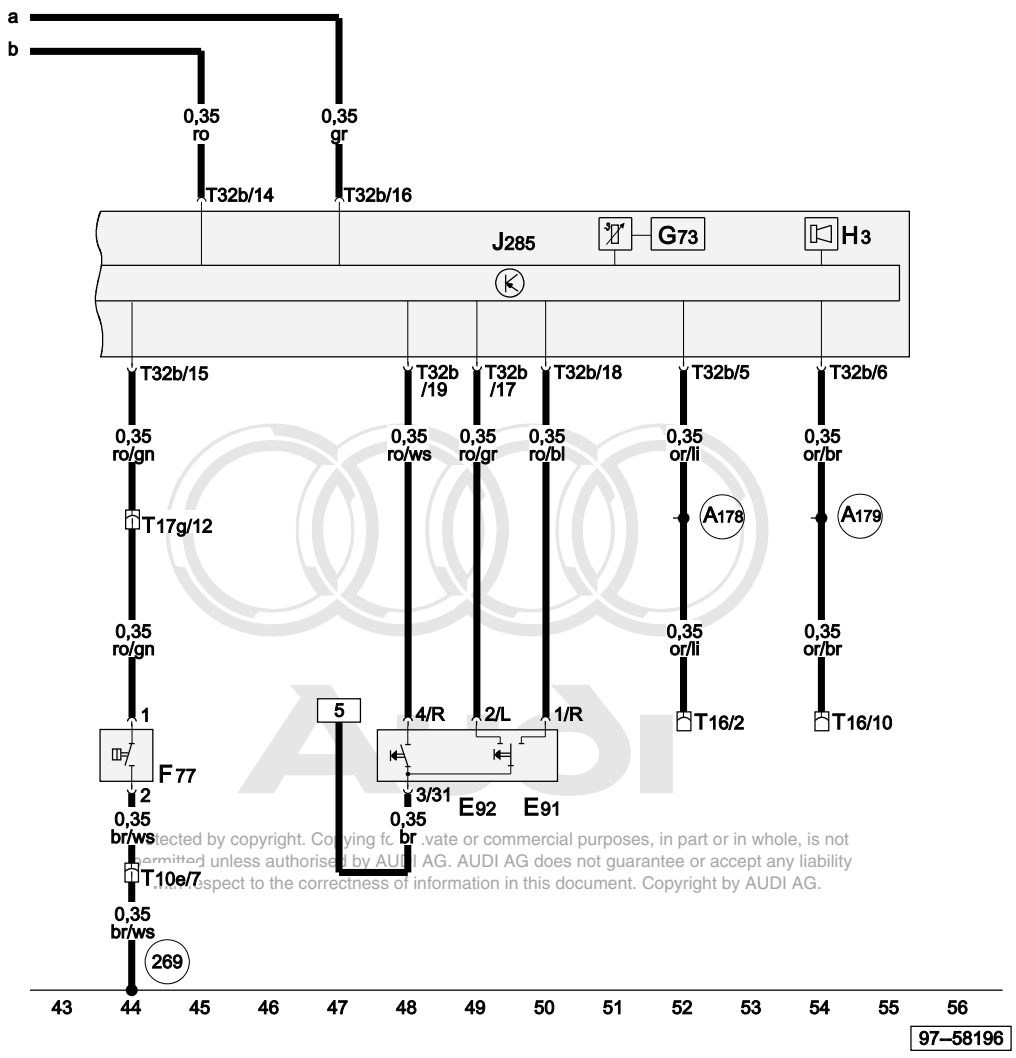
Function selection switch, washer fluid warning contact, control unit with display in dash panel insert

E91	Function selection switch
E92	Reset button
F77	Washer fluid warning contact
G73	Instrument light photosensor
H3	Buzzer/gong
J285	Control unit with display in dash panel insert
T10e	10-pin connector, brown, connector point, A pillar, left
T16	16-pin connector, diagnostic connector, black, near fuse box
T17g	17-pin connector, red, connector point, A pillar, left
T32b	32-pin connector, grey, on dash panel insert
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness



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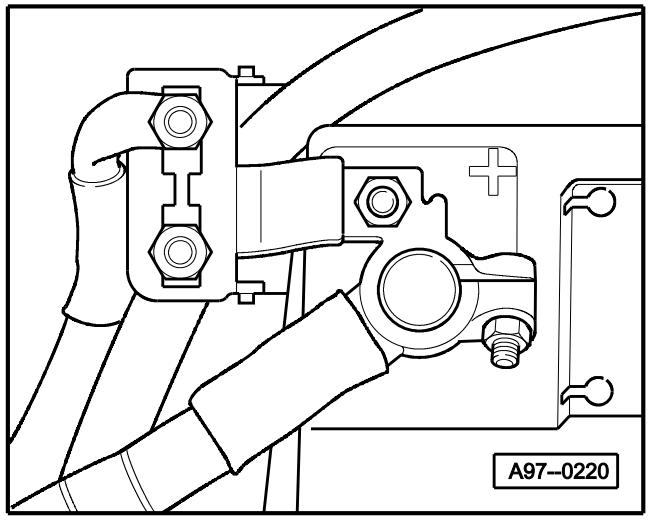
Air conditioner

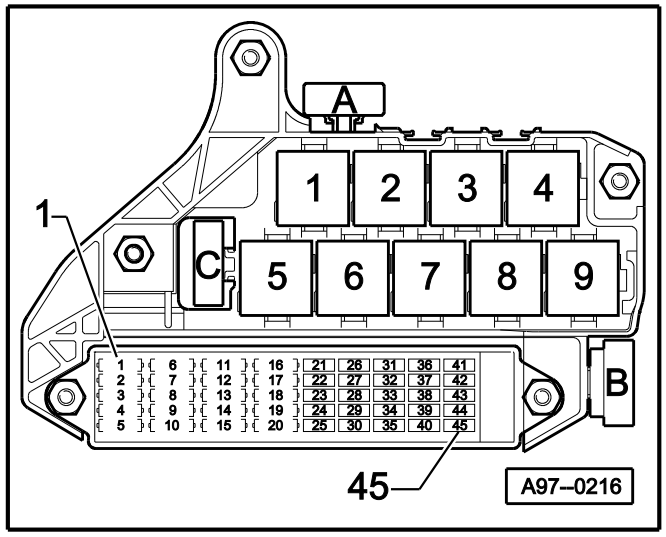
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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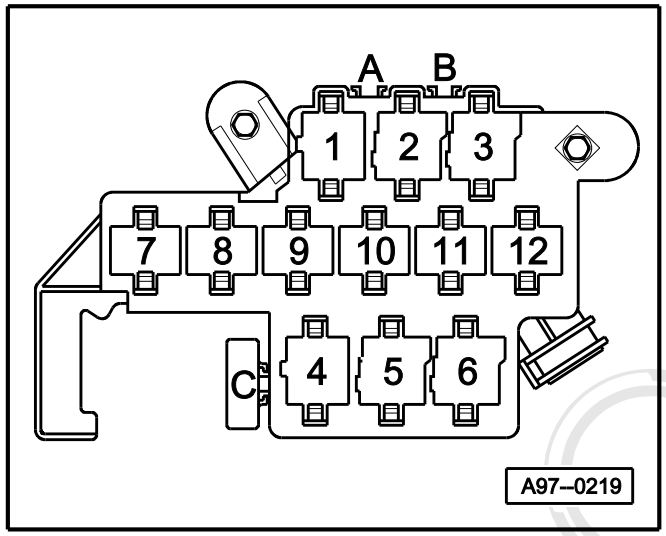
♦ In dash panel, driver's side

9 - X contact relief relay (J59)
C - Radiator fan control unit fuse (S142)

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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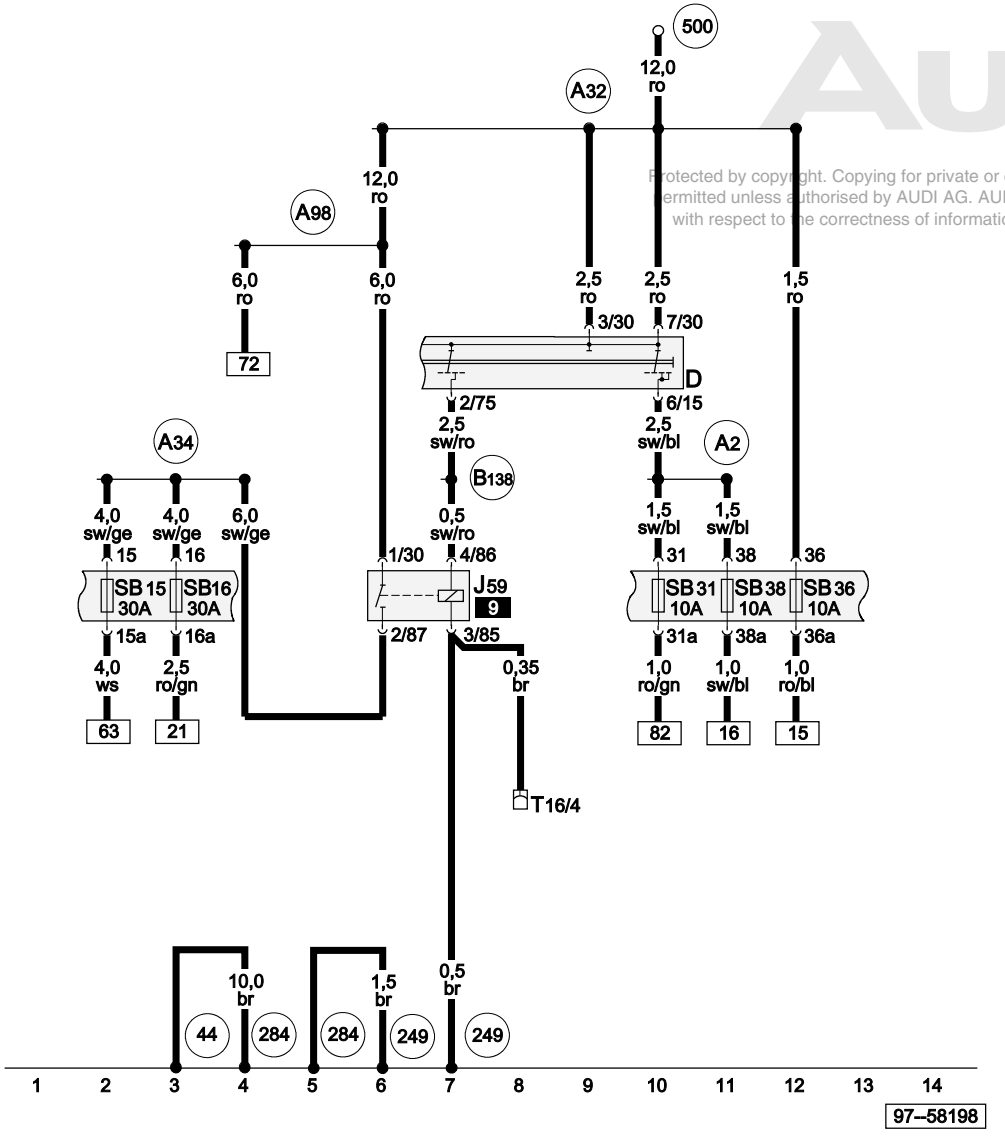

ws = white
sw = black
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gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB31	Fuse -31- on fuse box
SB36	Fuse -36- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness

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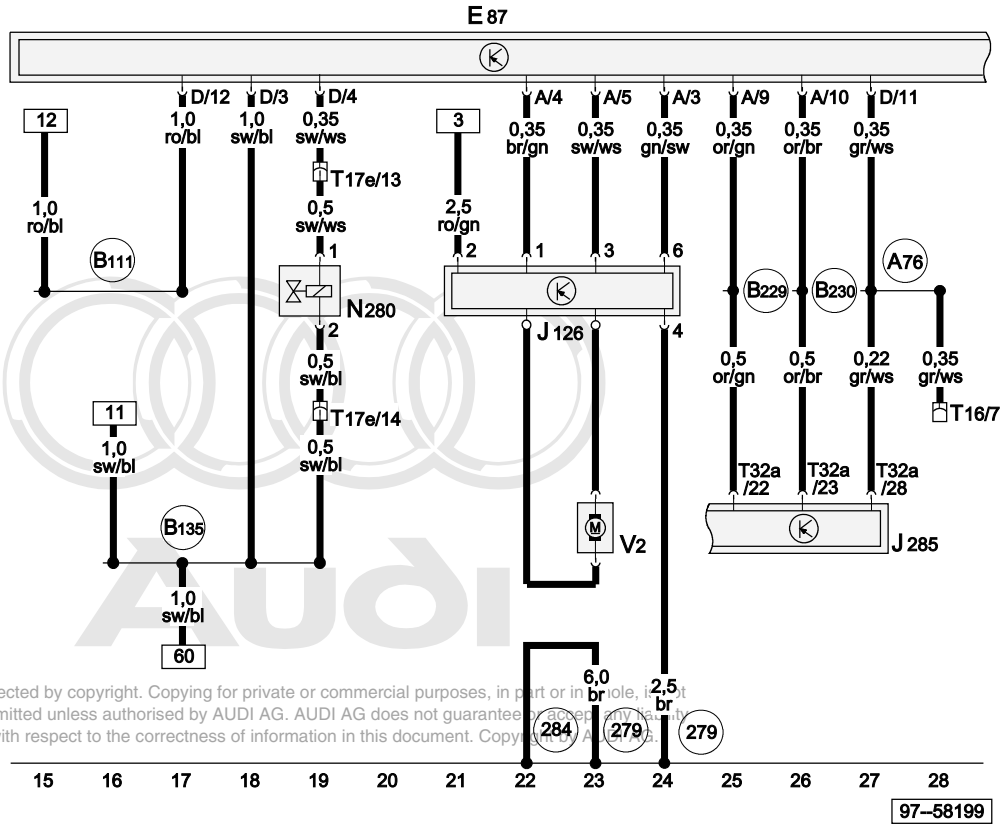
Air conditioning system/Climatronic operating and display unit, fresh air blower control unit, air conditioning system compressor regulating valve

E87	Air conditioning system/Climatronic operating and display unit
J126	Fresh air blower control unit
J285	Control unit with display in dash panel insert
N280	Air conditioning system compressor regulating valve
T16	16-pin connector, diagnostic connector, black, near fuse box
T17e	17-pin connector, blue, in footwell, front left
T32a	32-pin connector, green, on dash panel insert
V2	Fresh air blower
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
A76	Connection (diagnosis wire K), in dash panel wiring harness
B111	Positive (+) connection -1- (30a), in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



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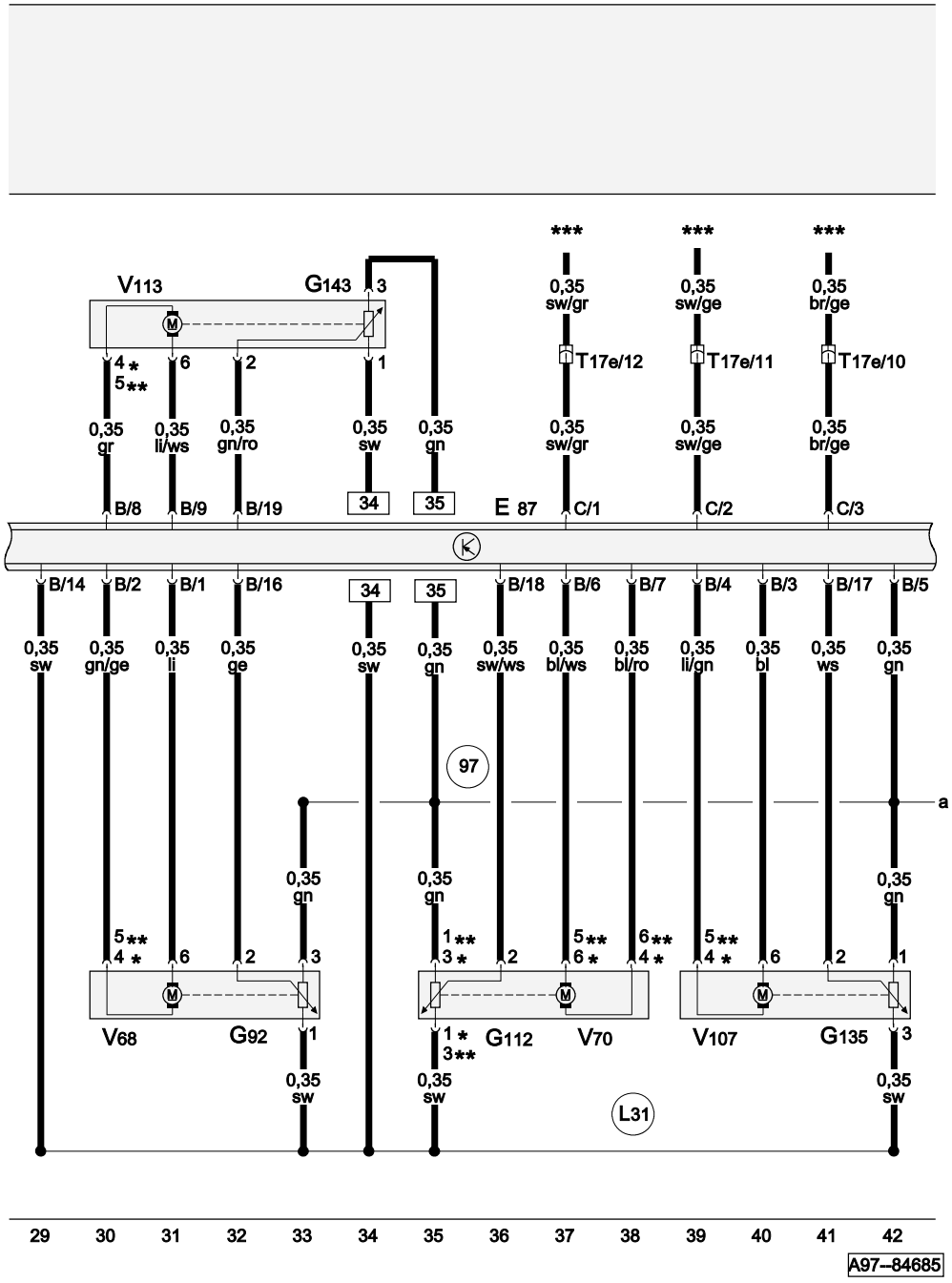

Temperature flap control motor potentiometer, central flap control motor potentiometer, defroster flap control motor potentiometer

E87	Air conditioning system/Climatronic operating and display unit
G92	Temperature flap control motor potentiometer
G112	Central flap control motor potentiometer
G135	Defroster flap control motor potentiometer
G143	Air recirculation flap control motor potentiometer
T17e	17-pin connector, blue, in footwell, front left
V68	Temperature flap control motor
V70	Central flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
97	Earth connection -1-, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	Applicable up to model year 2004 (phased-in modification)
**	Applicable from model year 2004 (phased-in modification)
***	⇒ Applicable engine Current Flow Diagram

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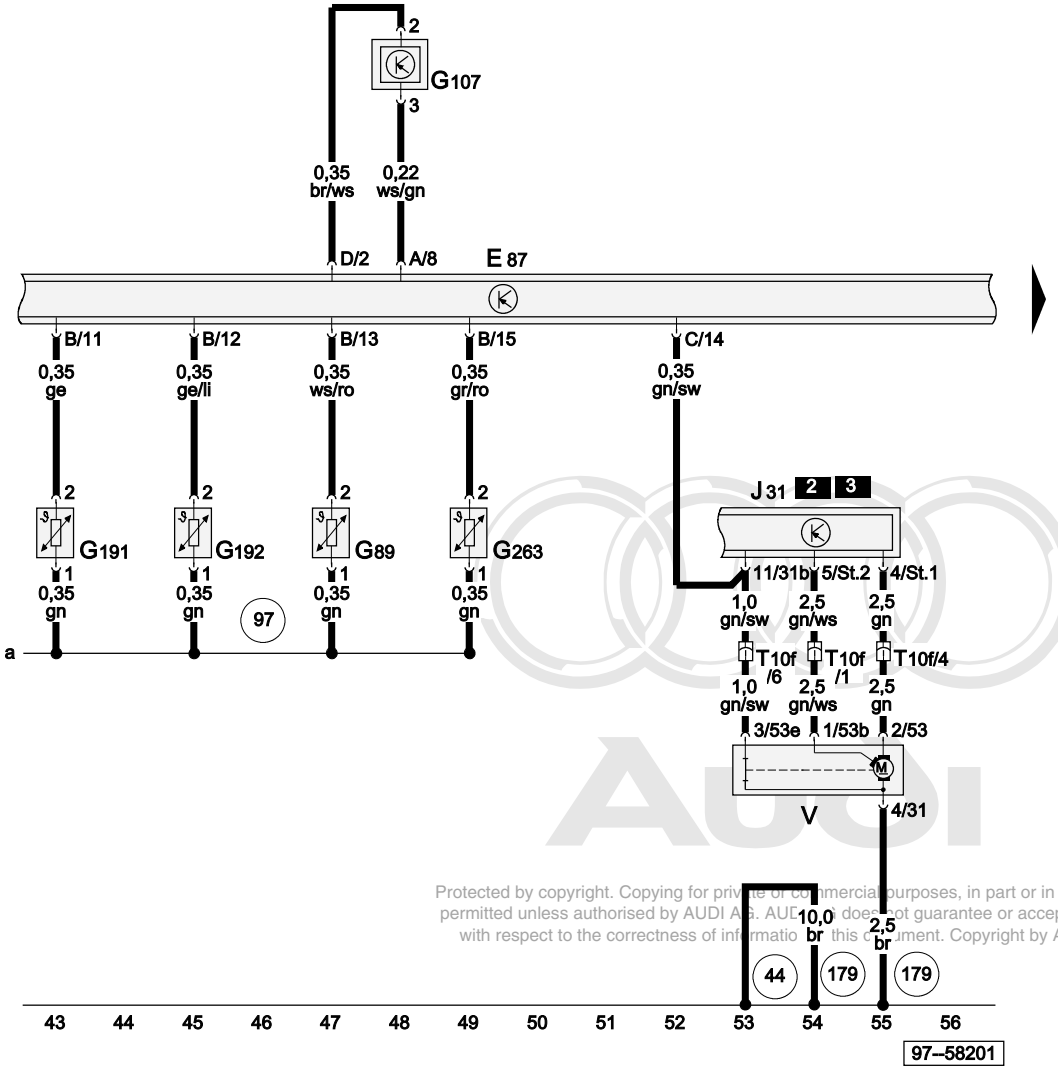
Fresh air intake duct temperature sensor, sunlight penetration photosensor, evaporator out-flow temperature sender

E87	Air conditioning system/Climatronic operating and display unit
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photosensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
G263	Evaporator out-flow temperature sender
J31	Automatic intermittent wash/wipe relay
T10f	10-pin connector, blue, connector point, A pillar, left
V	Windscreen wiper motor
44	Earth point, lower part of left A pillar
97	Earth connection -1-, in air conditioner wiring harness
179	Earth connection, in left headlight wiring harness



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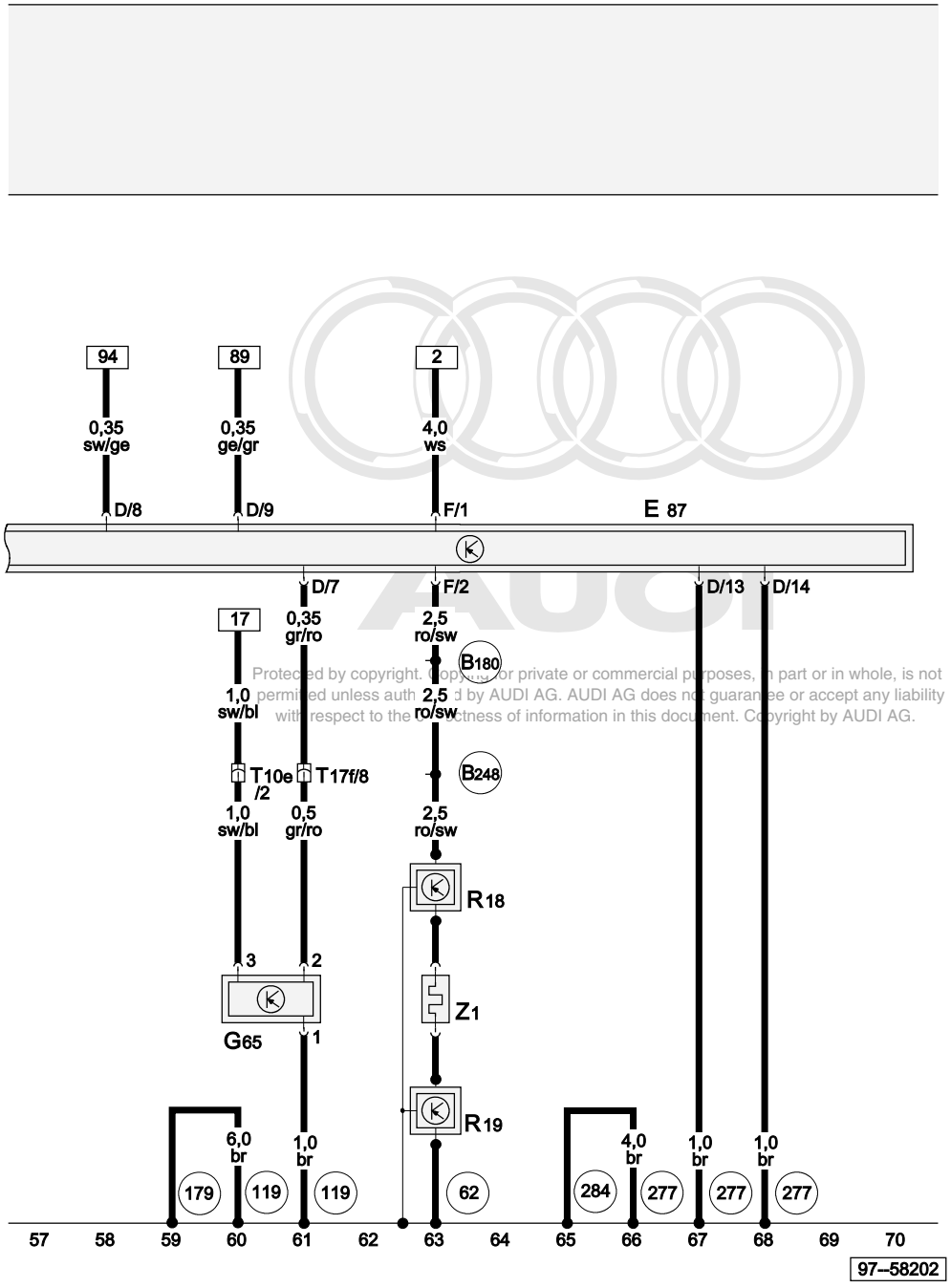

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Air conditioning system/Climatronic operating and display unit, high pressure sender, heated rear window

E87	Air conditioning system/Climatronic operating and display unit
G65	High pressure sender
R18	Frequency switch, left
R19	Frequency switch, right
T10e	10-pin connector, brown, connector point, A pillar, left
T17f	17-pin connector, white, connector point, A pillar, left
Z1	Heated rear window
62	Earth point, right C pillar
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

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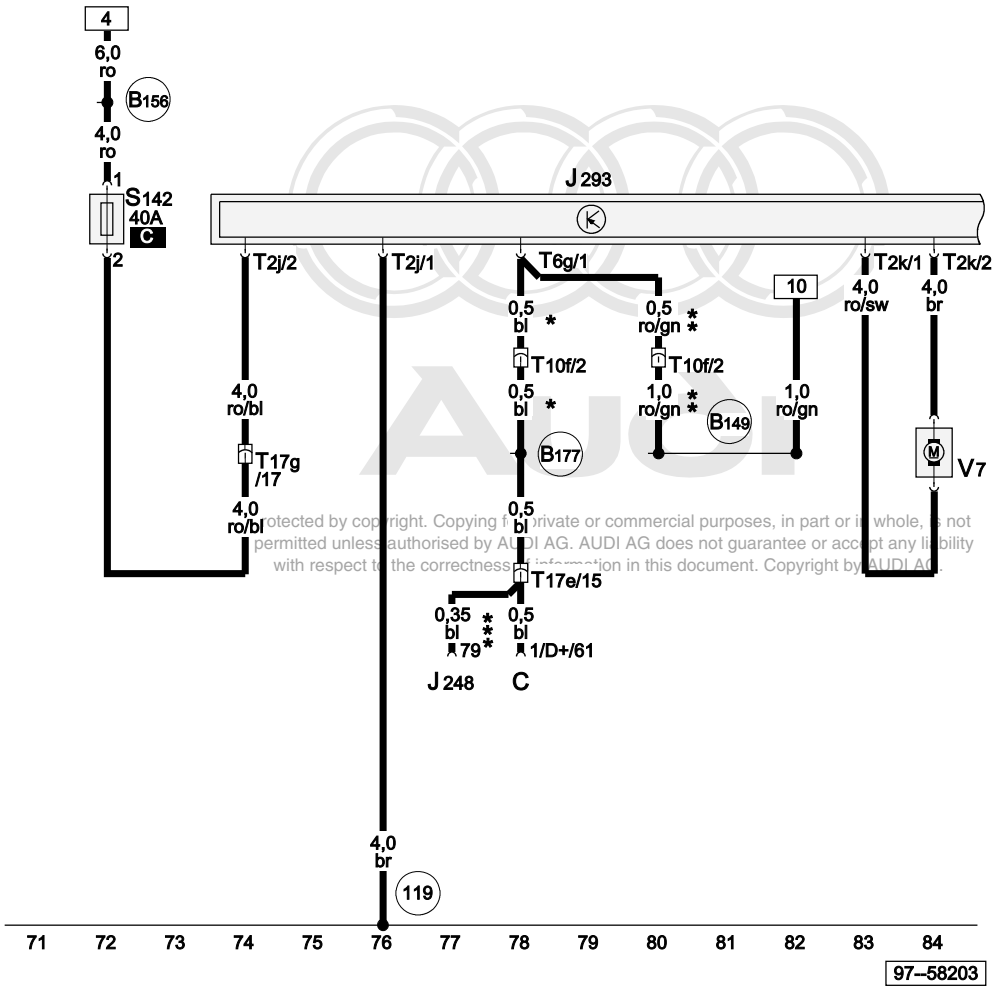

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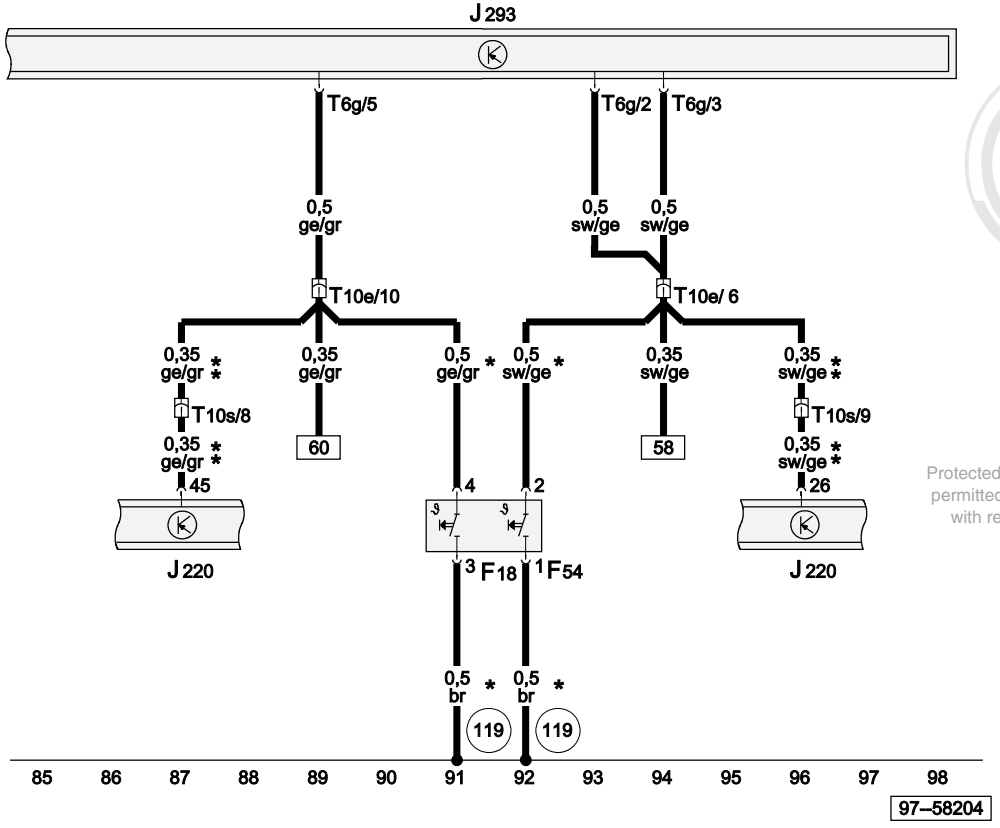
Radiator fan control unit, radiator fan control unit fuse, radiator fan

C	Alternator
J248	Diesel direct injection system control unit
J293	Radiator fan control unit
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10f	10-pin connector, blue, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
119	Earth connection -1-, in headlight wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B177	Connection (61), in interior wiring harness
*	Does not apply to models with engine code BAD
**	Only applies to models with engine code BAD
***	Only applies to models with engine codes AMF, ATL and BHC

Radiator fan thermo-switches, Motronic control unit, radiator fan control unit

F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J220	Motronic control unit
J293	Radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10e	10-pin connector, brown, connector point, A pillar, left
T10s	10-pin connector, white, in footwell, front left
(119)	Earth connection -1-, in headlight wiring harness
*	Does not apply to models with engine code BAD
**	Only applies to models with engine code BAD



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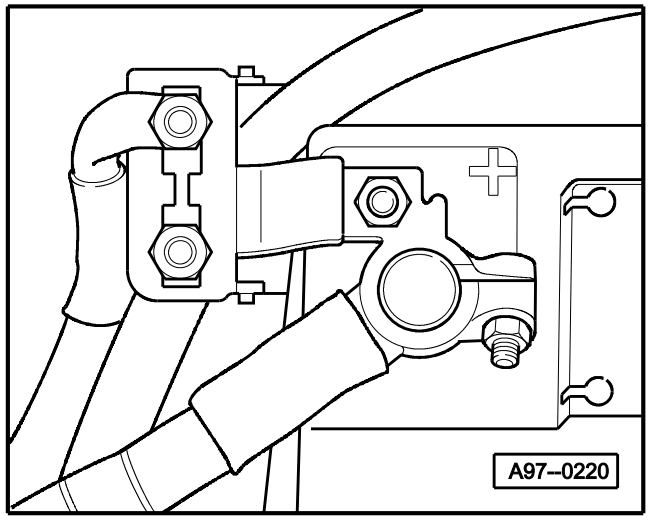
Air conditioner for 1.2 litre TDI engine, engine code ANY

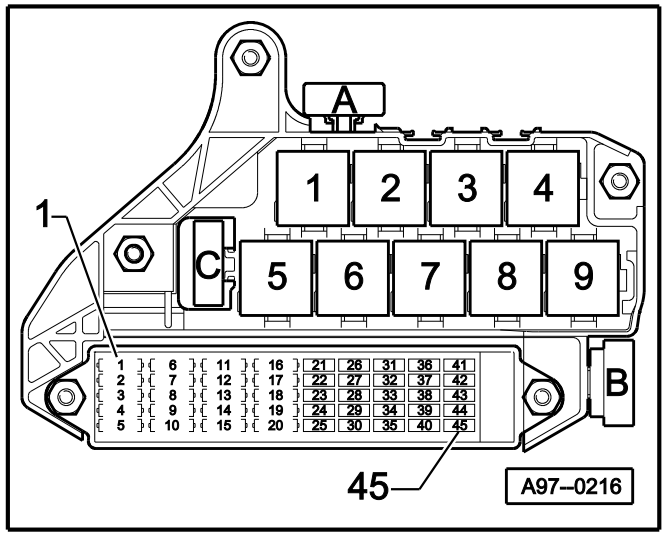
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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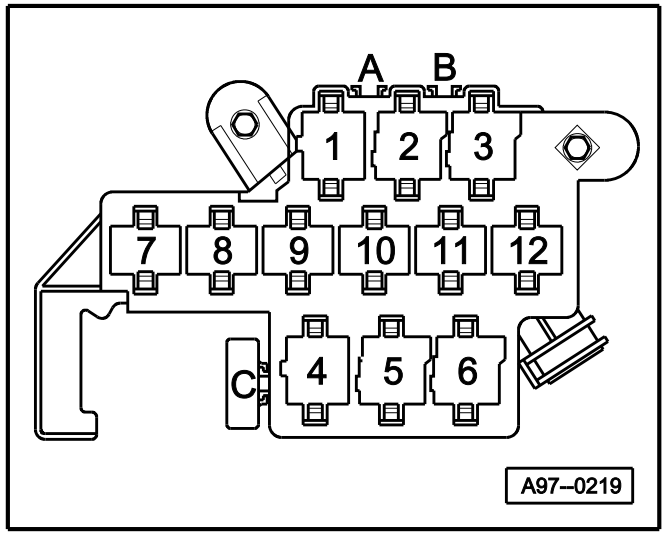
♦ In dash panel, driver's side

1 - Consumer switch-off relay (J511)
9 - X contact relief relay (J59)
C - Radiator fan control unit fuse (S142)

Fuse colours

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

6+6-point relay carrier



♦ In footwell, front left

2 - Automatic intermittent wash/wipe relay (J31)
3 - Automatic intermittent wash/wipe relay (J31)

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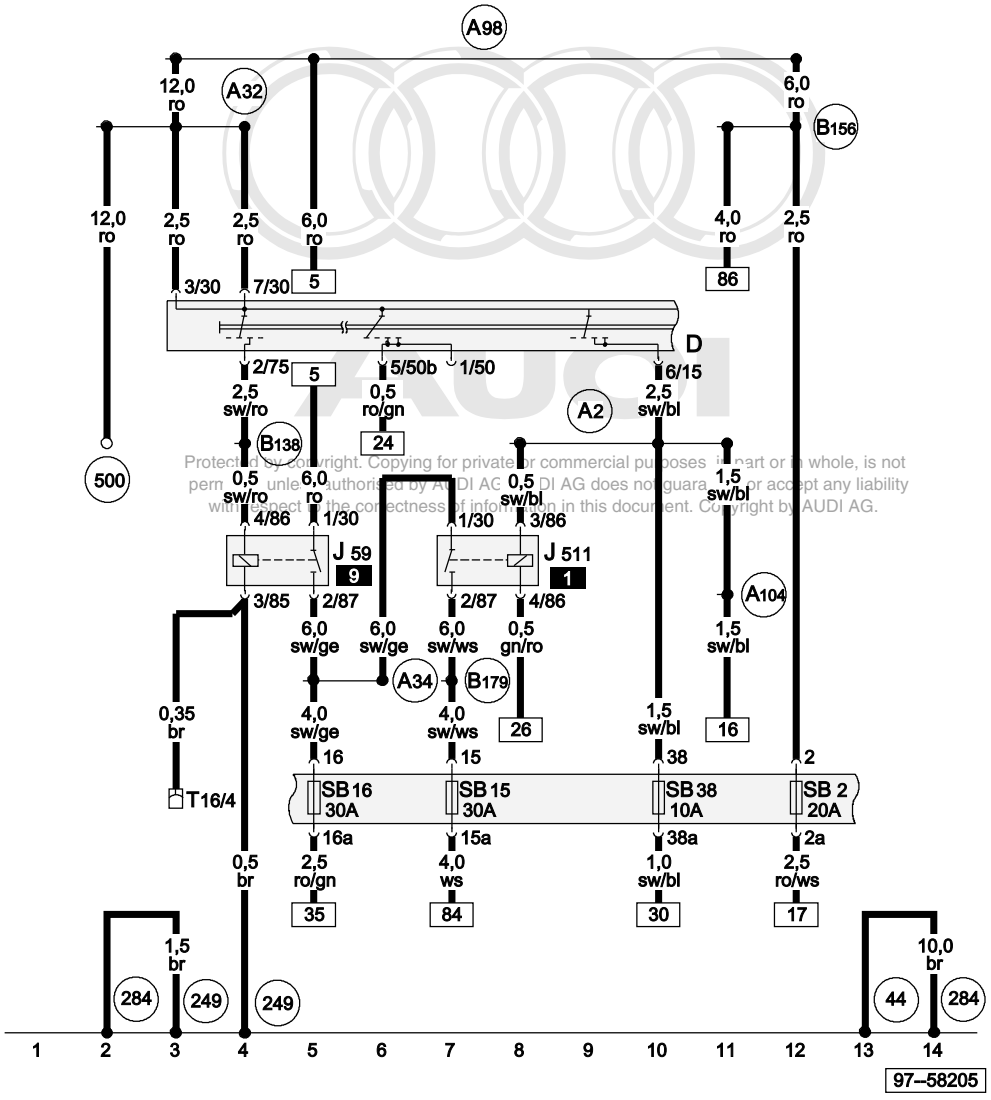
Ignition/starter switch, X contact relief relay, consumer switch-off relay



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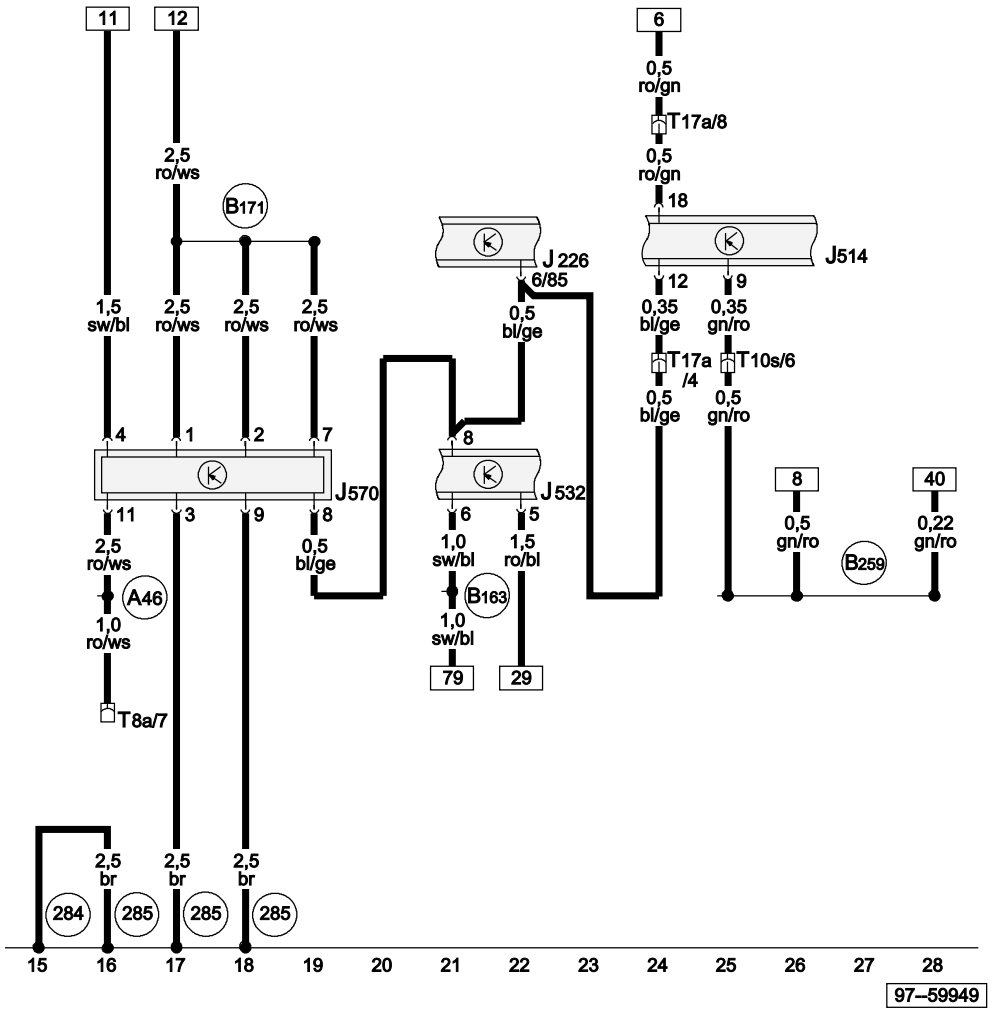
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

D	Ignition/starter switch
J59	X contact relief relay
J511	Consumer switch-off relay
SB2	Fuse -2- on fuse box
SB15	Fuse -15- on fuse box
SB16	Fuse -16- on fuse box
SB38	Fuse -38- on fuse box
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
A104	Positive (+) connection -2- (15), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness

Starter inhibitor and reversing light relay, electronic manual gearbox control unit, voltage stabiliser

J226	Starter inhibitor and reversing light relay
J514	Electronic manual gearbox control unit
J532	Voltage stabiliser
J570	Voltage stabiliser 2
T8a	8-pin connector, black, radio connector III
T10s	10-pin connector, white, in footwell, front left
T17a	17-pin connector, red, in footwell, front left
284	Earth connection -6-, in interior wiring harness
285	Earth connection 7, in interior wiring harness
A46	Positive (+) connection (30 - from radio), in dash panel wiring harness
B163	Positive (+) connection -1- (15), in interior wiring harness
B171	Positive (+) connection -3- (30), in interior wiring harness
B259	Connection (start/stop signal), in interior wiring harness



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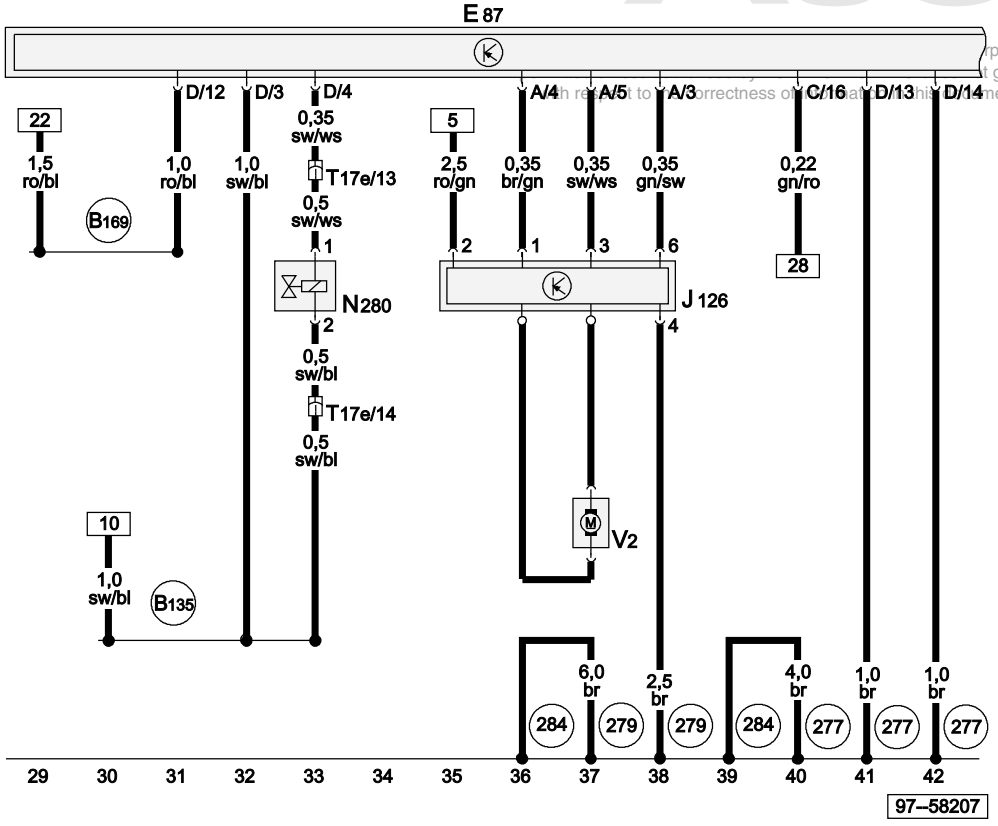
Air conditioning system/Climatronic operating and display unit, fresh air blower control unit, fresh air blower

E87	Air conditioning system/Climatronic operating and display unit
J126	Fresh air blower control unit
N280	Air conditioning system compressor regulating valve
T17e	17-pin connector, blue, in footwell, front left
V2	Fresh air blower
277	Earth connection -3-, in interior wiring harness
279	Earth connection -5-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness
B169	Positive (+) connection -1- (30), in interior wiring harness



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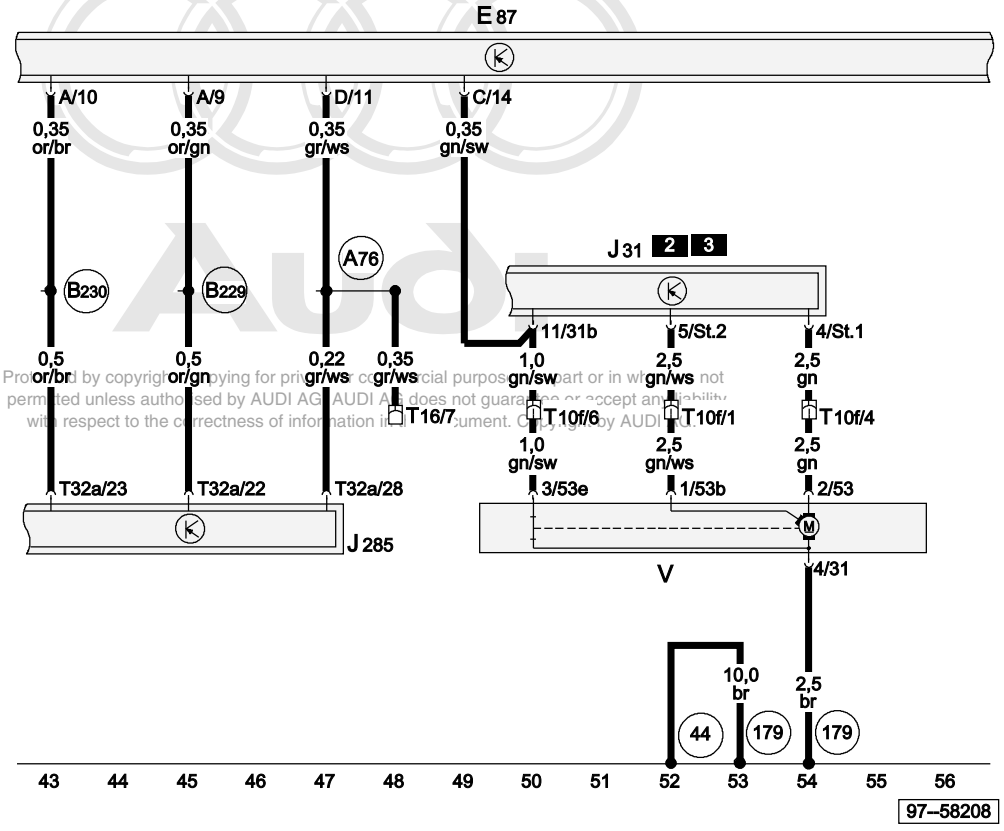
rs = pink

Audi

Air conditioning system/Climatronic operating and display unit, control unit with display in dash panel insert

E87	Air conditioning system/Climatronic operating and display unit
J31	Automatic intermittent wash/wipe relay
J285	Control unit with display in dash panel insert
T10f	10-pin connector, blue, connector point, A pillar, left
T16	16-pin connector, diagnostic connector, black, near fuse box
T32a	32-pin connector, green, on dash panel insert
V	Windscreen wiper motor
44	Earth point, lower part of left A pillar
179	Earth connection, in left headlight 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



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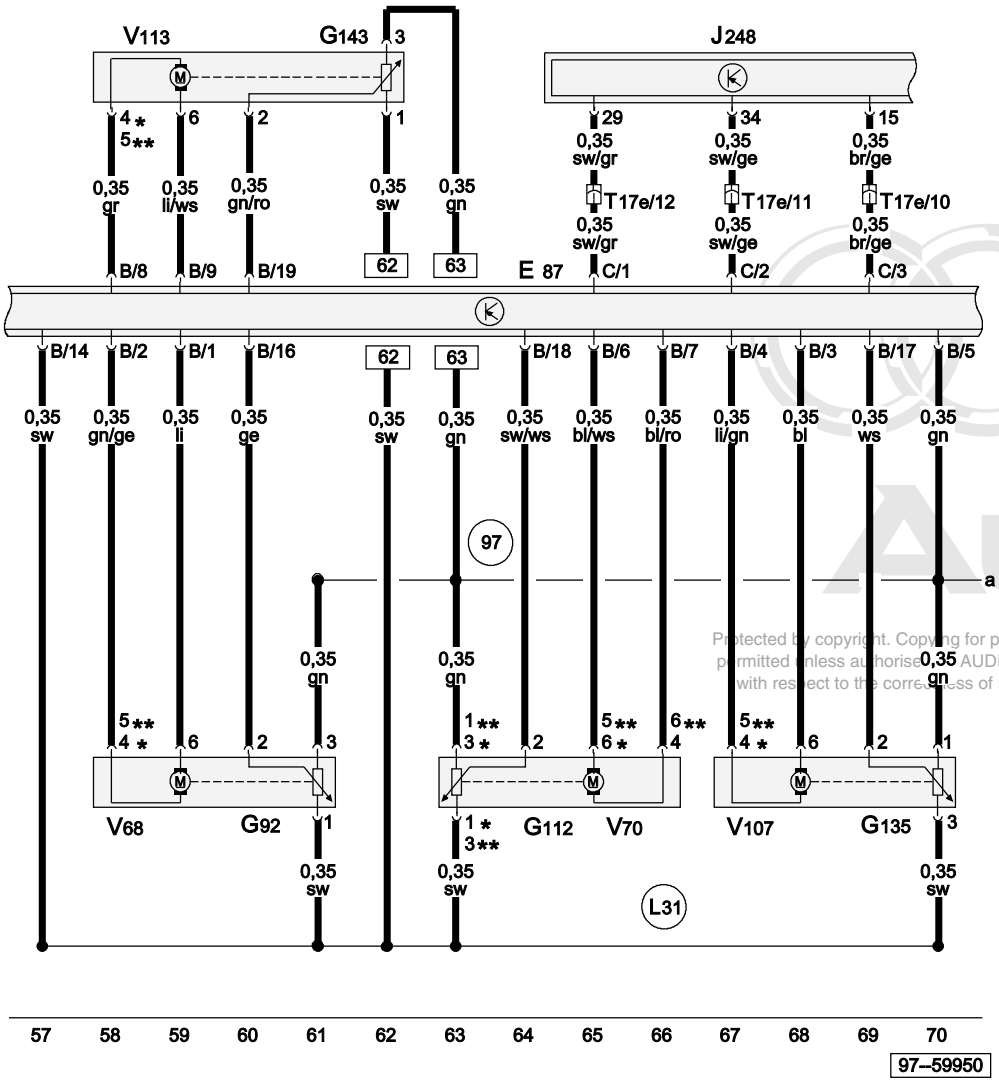

Temperature flap control motor potentiometer, central flap control motor potentiometer, defroster flap control motor potentiometer

E87	Air conditioning system/Climatronic operating and display unit
G92	Temperature flap control motor potentiometer
G112	Central flap control motor potentiometer
G135	Defroster flap control motor potentiometer
G143	Air recirculation flap control motor potentiometer
J248	Diesel direct injection system control unit
T17e	17-pin connector, blue, in footwell, front left
V68	Temperature flap control motor
V70	Central flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
97	Earth connection -1-, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	Applicable up to model year 2004 (phased-in modification)
**	Applicable from model year 2004 (phased-in modification)

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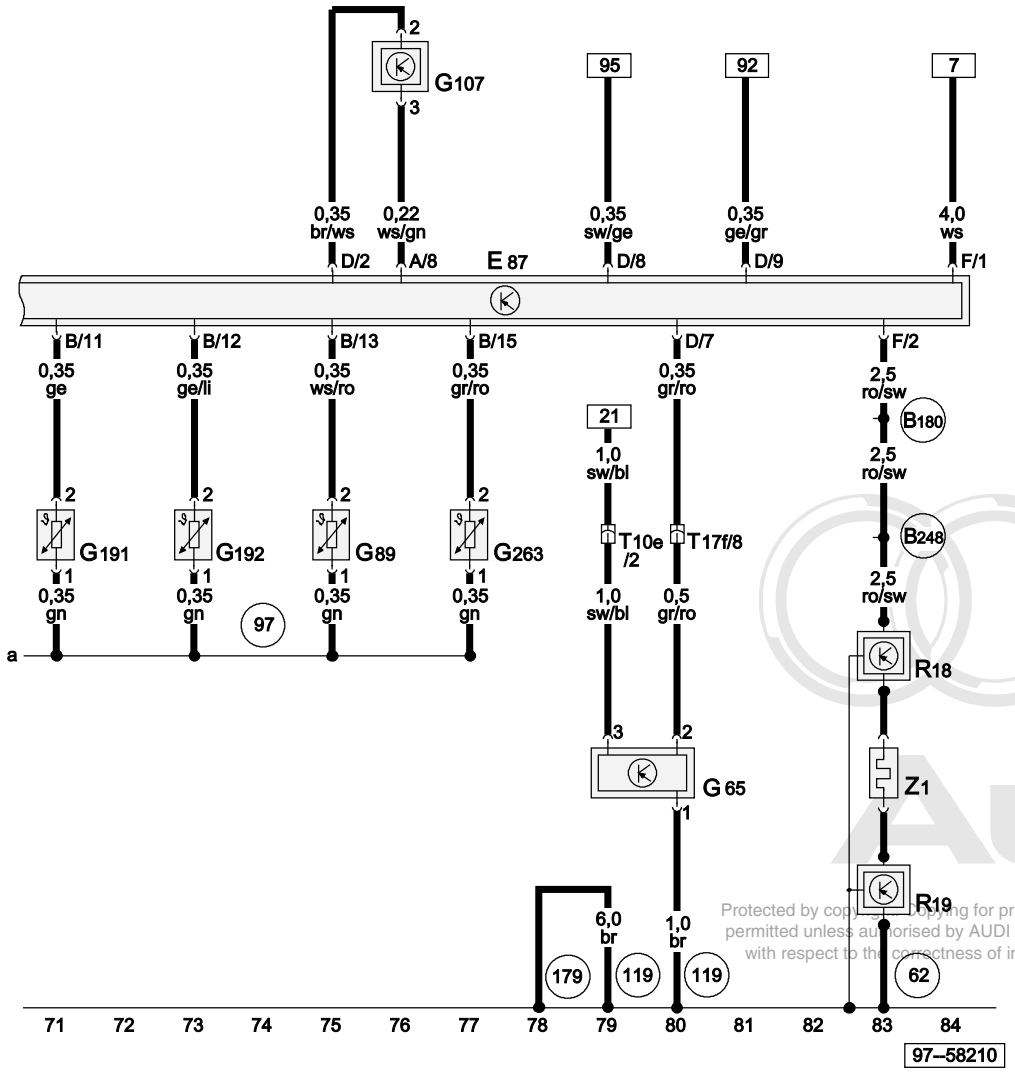

High pressure sender, fresh air intake duct temperature sensor, sunlight penetration photosensor, evaporator out-flow temperature sender

E87	Air conditioning system/Climatronic operating and display unit
G65	High pressure sender
G89	Fresh air intake duct temperature sensor
G107	Sunlight penetration photosensor
G191	Vent temperature sender, centre
G192	Vent temperature sender, footwell
G263	Evaporator out-flow temperature sender
R18	Frequency switch, left
R19	Frequency switch, right
T10e	10-pin connector, brown, connector point, A pillar, left
T17f	17-pin connector, white, connector point, A pillar, left
Z1	Heated rear window
62	Earth point, right C pillar
97	Earth connection -1-, in air conditioner wiring harness
119	Earth connection -1-, in headlight wiring harness
179	Earth connection, in left headlight wiring harness
B180	Connection (heated rear window), in interior wiring harness
B248	Connection -2- (heated rear window), in interior wiring harness

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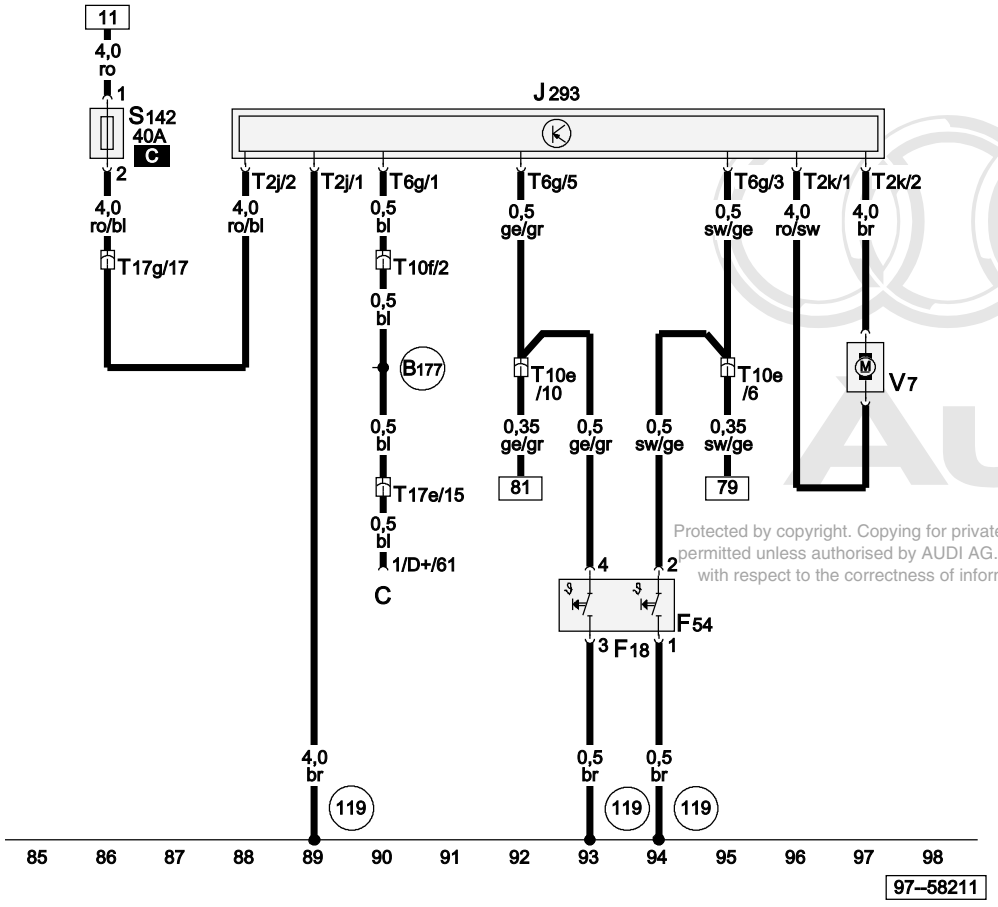
Radiator fan thermo-switches, radiator fan control unit, radiator fan control unit fuse, radiator fan

C	Alternator
F18	Radiator fan thermo-switch
F54	Radiator fan thermo-switch
J293	Radiator fan control unit
S142	Radiator fan control unit fuse
T2j	2-pin connector, black, on radiator fan control unit
T2k	2-pin connector, brown, on radiator fan control unit
T6g	6-pin connector, black, on radiator fan control unit
T10e	10-pin connector, brown, connector point, A pillar, left
T10f	10-pin connector, blue, connector point, A pillar, left
T17e	17-pin connector, blue, in footwell, front left
T17g	17-pin connector, red, connector point, A pillar, left
V7	Radiator fan
119	Earth connection -1-, in headlight wiring harness
B177	Connection (61), in interior wiring harness



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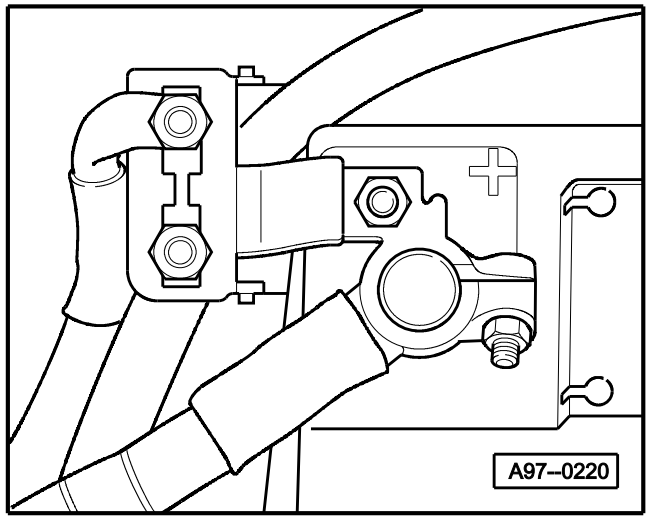
Daytime driving lights

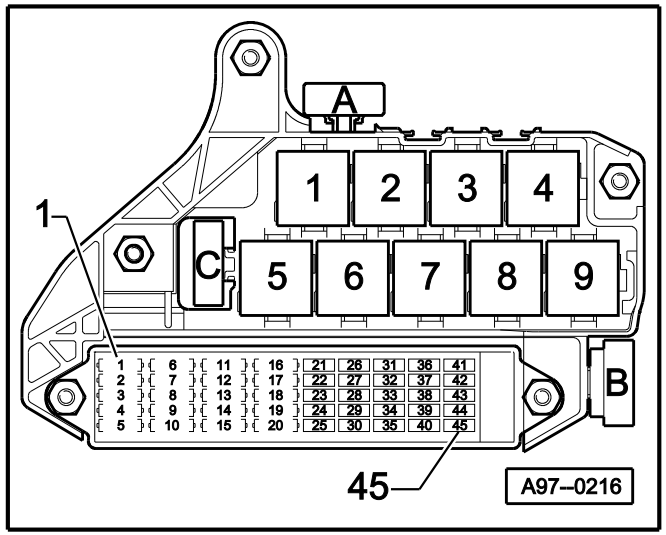
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

6 - Bulb check warning unit (K41)
7 - Bulb check warning unit (K41)
9 - X contact relief relay (J59)

Fuse colours

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

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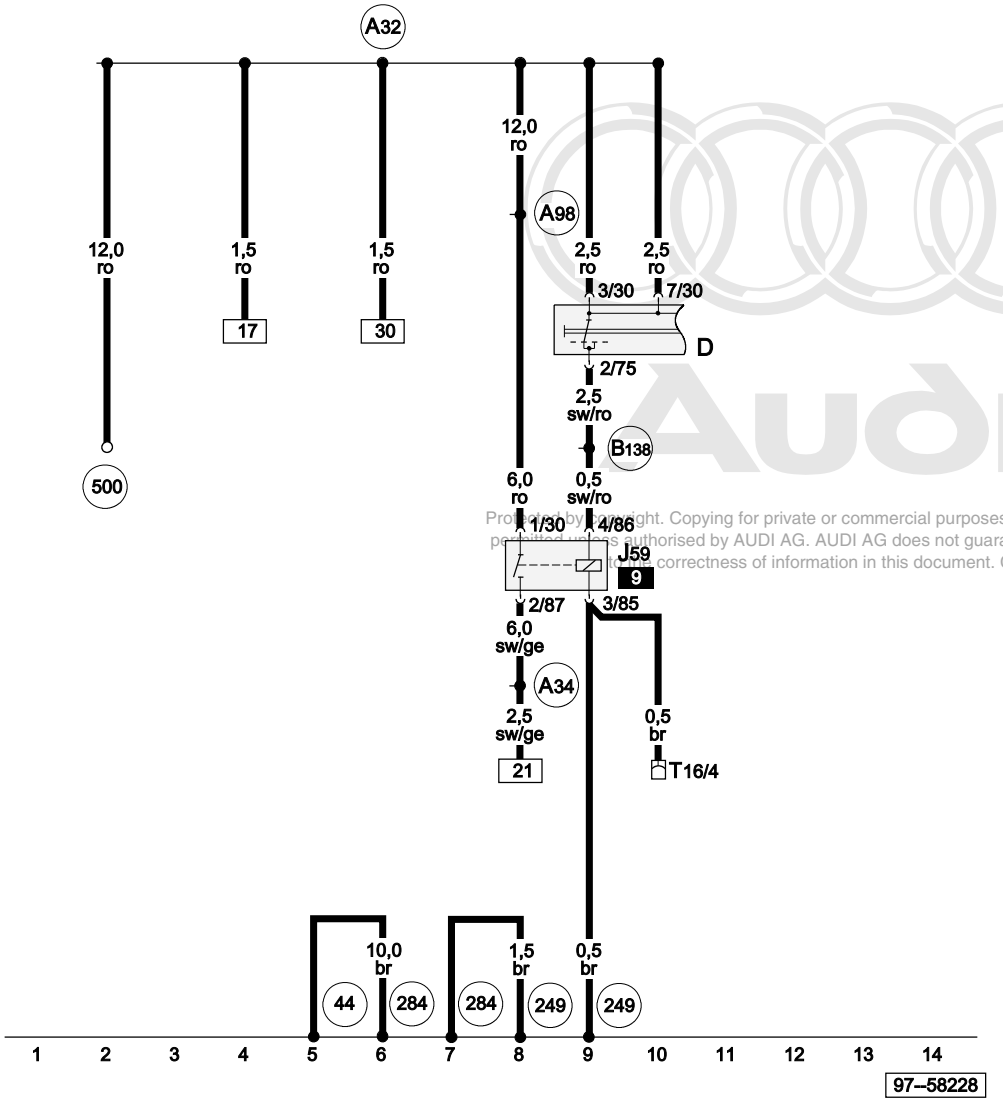

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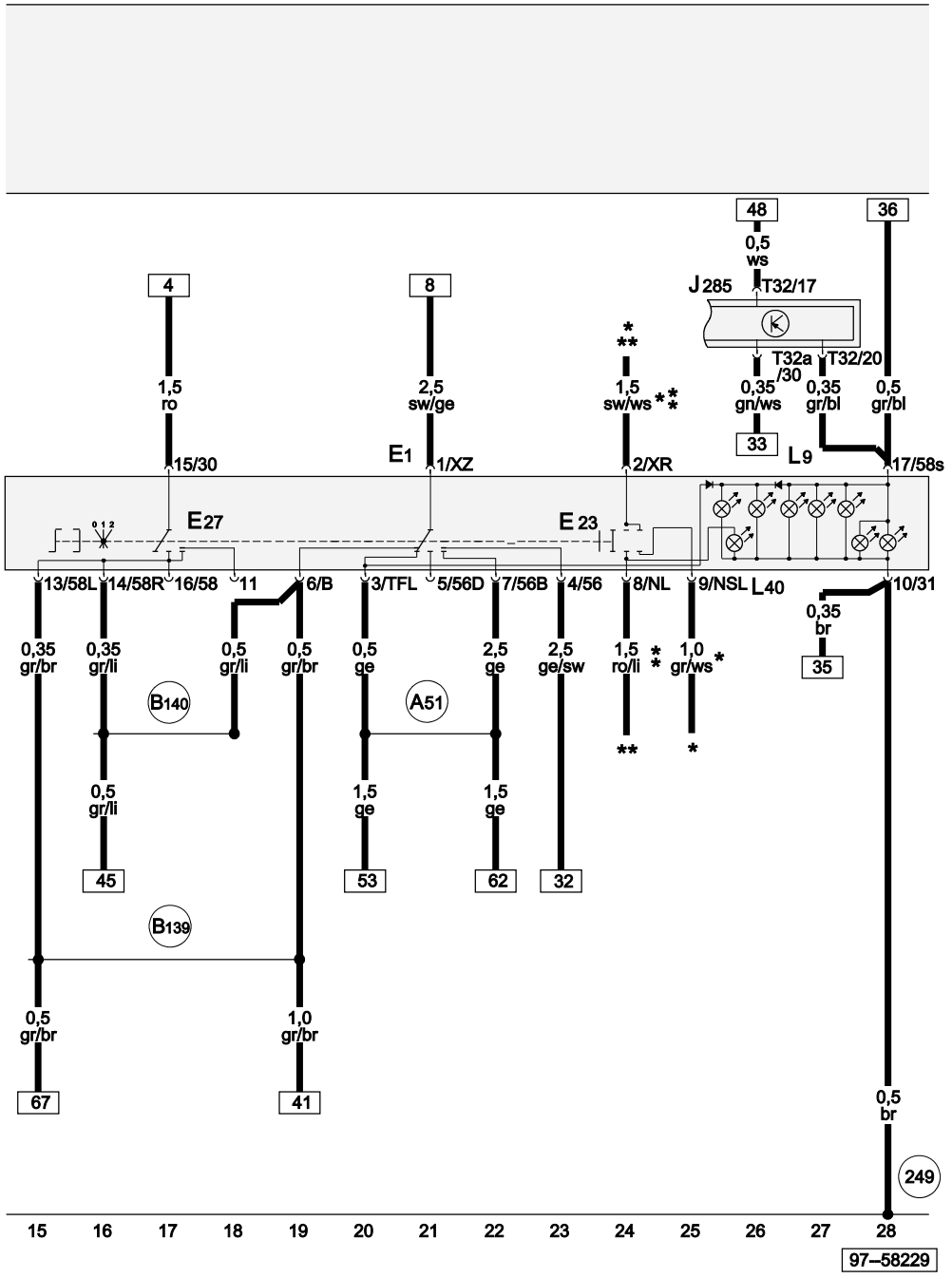
Ignition/starter switch, X contact relief relay

D	Ignition/starter switch
J59	X contact relief relay
T16	16-pin connector, diagnostic connector, black, near fuse box
44	Earth point, lower part of left A pillar
249	Earth connection -2-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A34	Connection (75x), in dash panel wiring harness
A98	Positive (+) connection -4- (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness



Lighting switch, control unit with display in dash panel insert

E1	Lighting switch
E23	Front and rear fog light switch
E27	Side light switch
J285	Control unit with display in dash panel insert
L9	Lighting switch light bulb
L40	Front and rear fog light switch illumination bulb
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
249	Earth connection -2-, in interior wiring harness
A51	Connection (56), in dash panel wiring harness
B139	Connection (PL (parking light, left)), in interior wiring harness
B140	Connection (PR (parking light, right)), in interior wiring harness

* ⇒ Applicable Current Flow Diagram: Basic equipment
** ⇒ Applicable Current Flow Diagram: Fog lights

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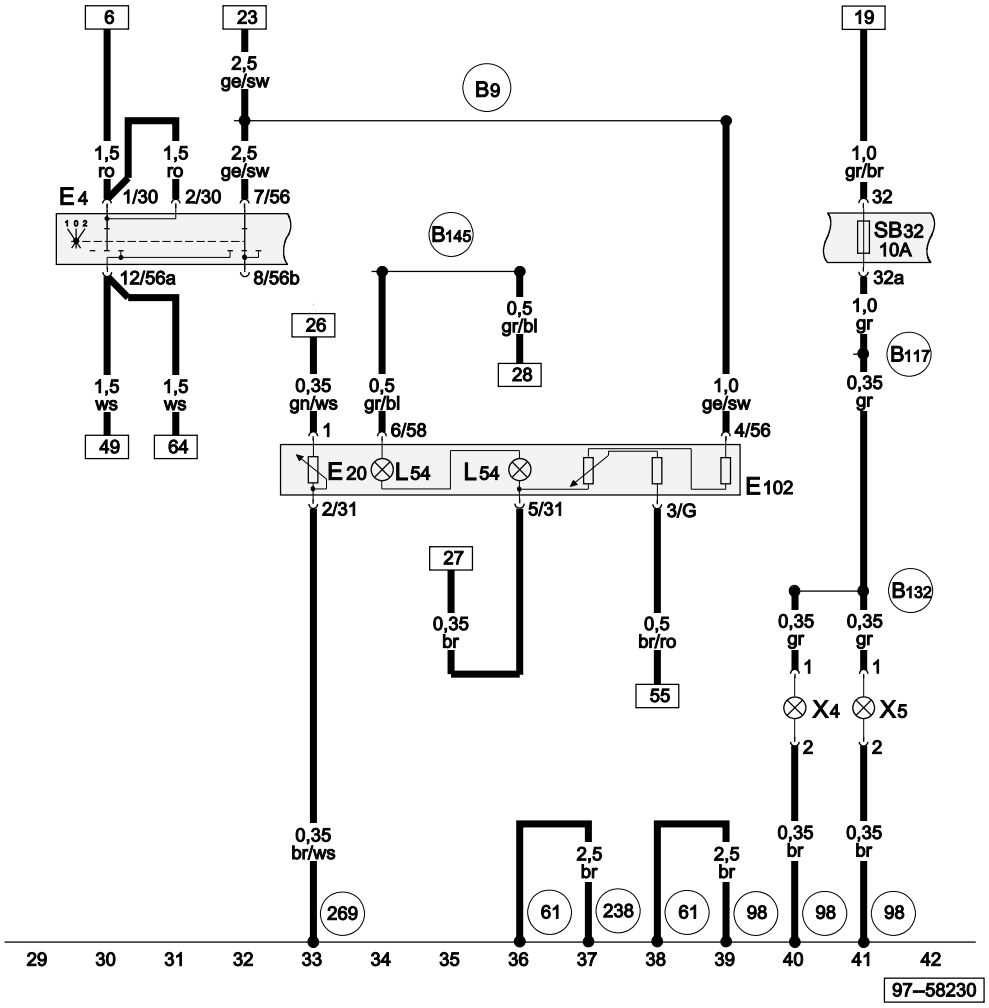
Headlight dipper/flasher switch, switches and instruments light regulator, headlight range control adjuster



E4 Headlight dipper/flasher switch
E20 Switches and instruments light regulator
E102 Headlight range control adjuster
L54 Headlight range control adjuster light bulb
SB32 Fuse -32- on fuse box
X4 Number plate light, left
X5 Number plate light, right

61 Earth point, left C pillar

98 Earth connection, in rear lid wiring harness

238 Earth connection -1-, in interior wiring harness

269 Earth connection (sender earth) -1-, in dash panel wiring harness

B9 Connection (56), in steering column switch wiring harness

B117 Connection (58a, right), in interior wiring harness

B132 Connection (number plate light), in interior wiring harness

B145 Positive (+) connection (58b), in interior wiring harness

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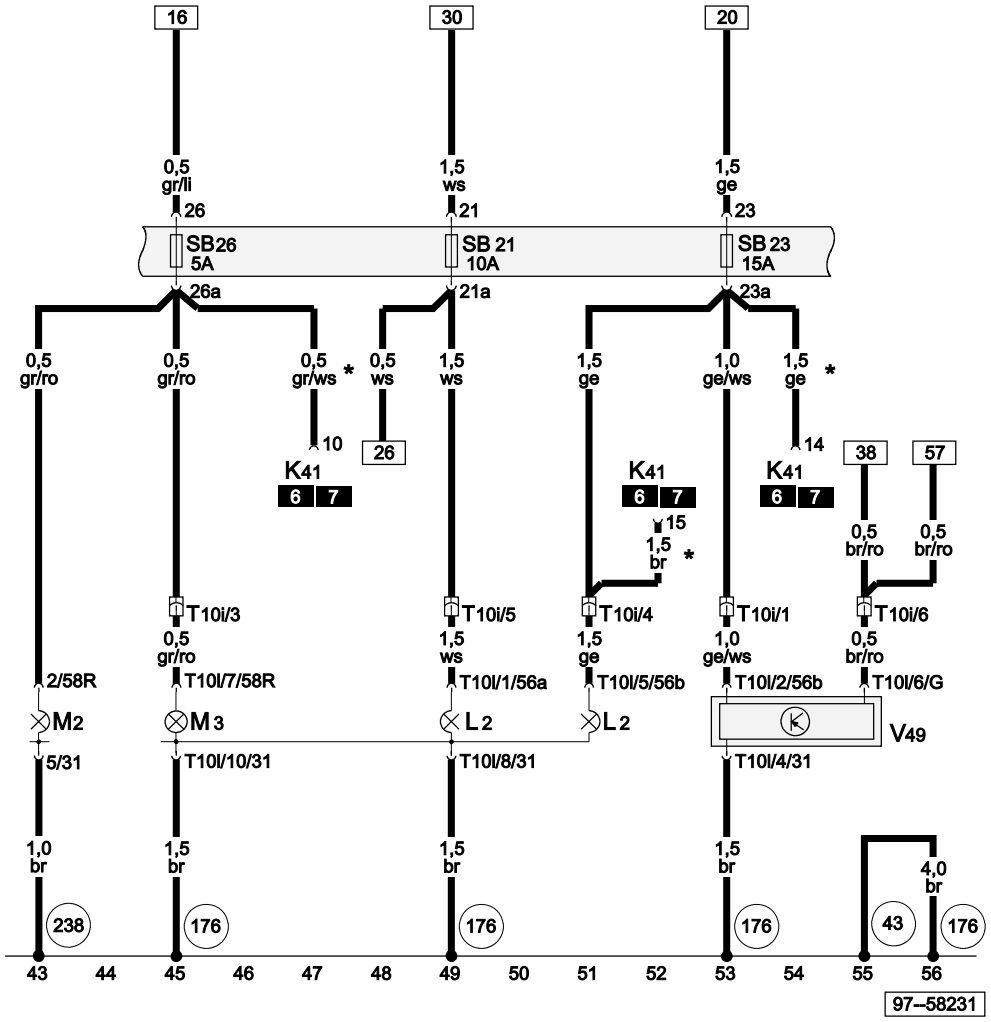
Bulb check warning unit, twin filament bulb for right headlight, right tail light bulb, right side light bulb

K41	Bulb check warning unit
L2	Twin filament bulb for headlight, right
M2	Tail light bulb, right
M3	Side light bulb, right
SB21	Fuse -21- on fuse box
SB23	Fuse -23- on fuse box
SB26	Fuse -26- on fuse box
T10i	10-pin connector, black, connector point, A pillar, right
T10l	10-pin connector, black, headlight, right
V49	Headlight range control motor, right
43	Earth point, lower part of right A pillar
176	Earth connection, in right headlight wiring harness
238	Earth connection -1-, in interior wiring harness
*	⇒ Applicable Current Flow Diagram: Driver information system



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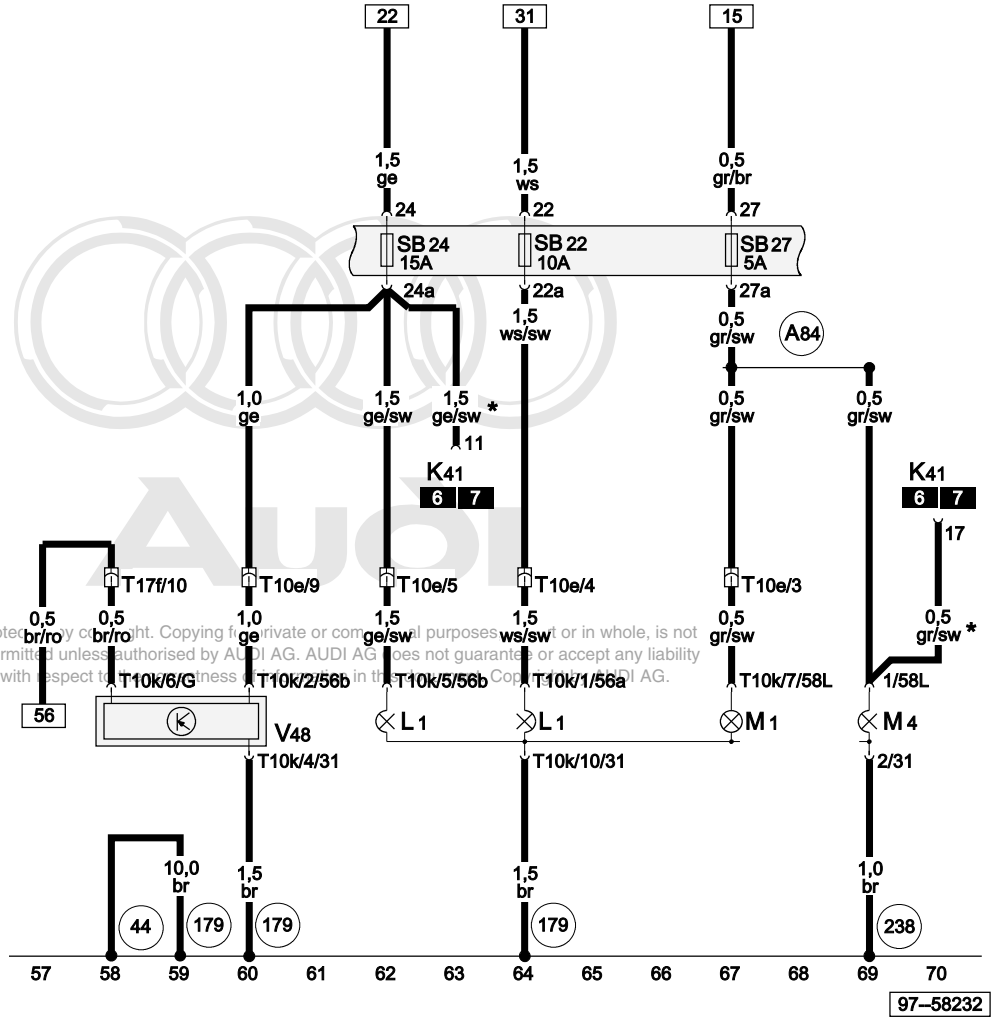
Bulb check warning unit, twin filament bulb for left headlight, left side light bulb, left tail light bulb

K41	Bulb check warning unit
L1	Twin filament bulb for headlight, left
M1	Side light bulb, left
M4	Tail light bulb, left
SB22	Fuse -22- on fuse box
SB24	Fuse -24- on fuse box
SB27	Fuse -27- on fuse box
T10e	10-pin connector, brown, connector point, A pillar, left
T10k	10-pin connector, black, headlight, left
T17f	17-pin connector, white, connector point, A pillar, left
V48	Headlight range control motor, left
44	Earth point, lower part of left A pillar
179	Earth connection, in left headlight wiring harness
238	Earth connection -1-, in interior wiring harness
A84	Connection (58L), in dash panel wiring harness
*	⇒ Applicable Current Flow Diagram: Driver information system



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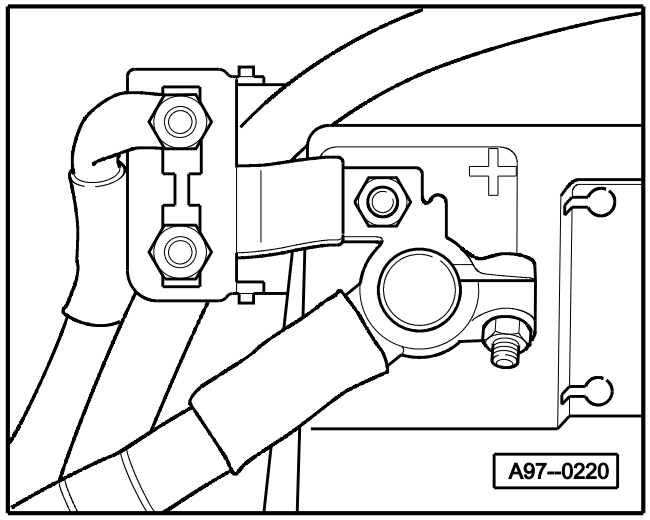
1.4 litre unit injector, TDI engine (66 kW - 3-cylinder), engine code ATL

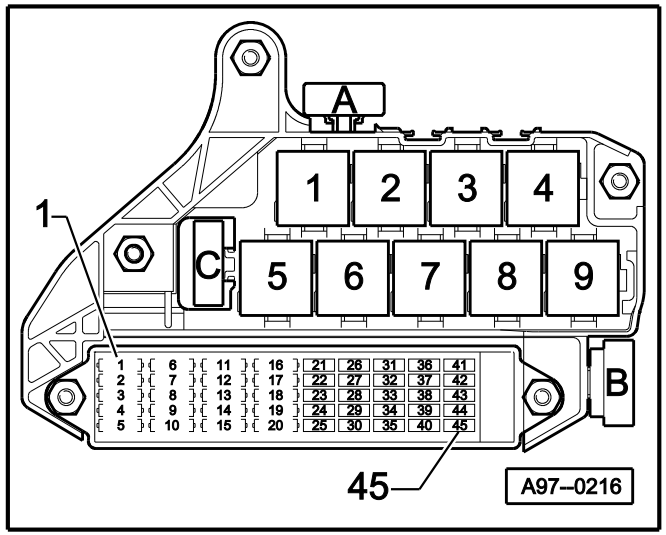
From model year 2004

Main fuse



- On battery

9-point relay carrier, fuse box



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♦ In dash panel, driver's side

Fuse colours

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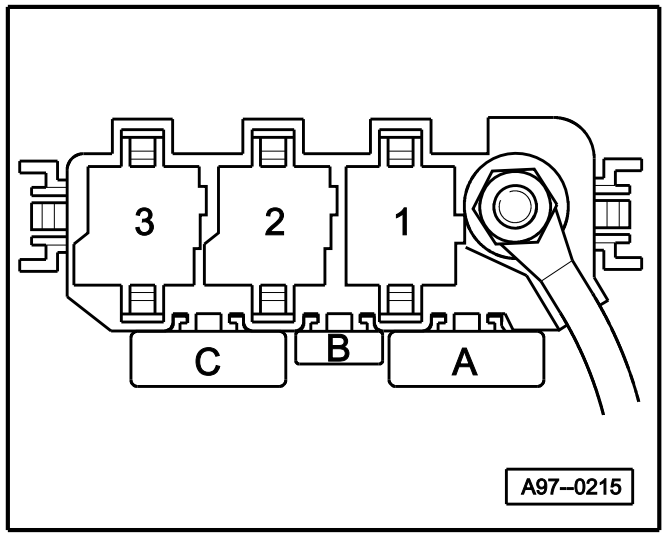
7.5 A - brown
10 A - red
15 A - blue
20 A - yellow
25 A - white
30 A - green

3-point relay carrier



♦ In footwell, front left

1 - Terminal 30 voltage supply relay (J317)
2 - Automatic glow period control unit (J179)
A - Strip fuse for glow plugs - engine (S39)
B - Engine control unit fuse (S102)

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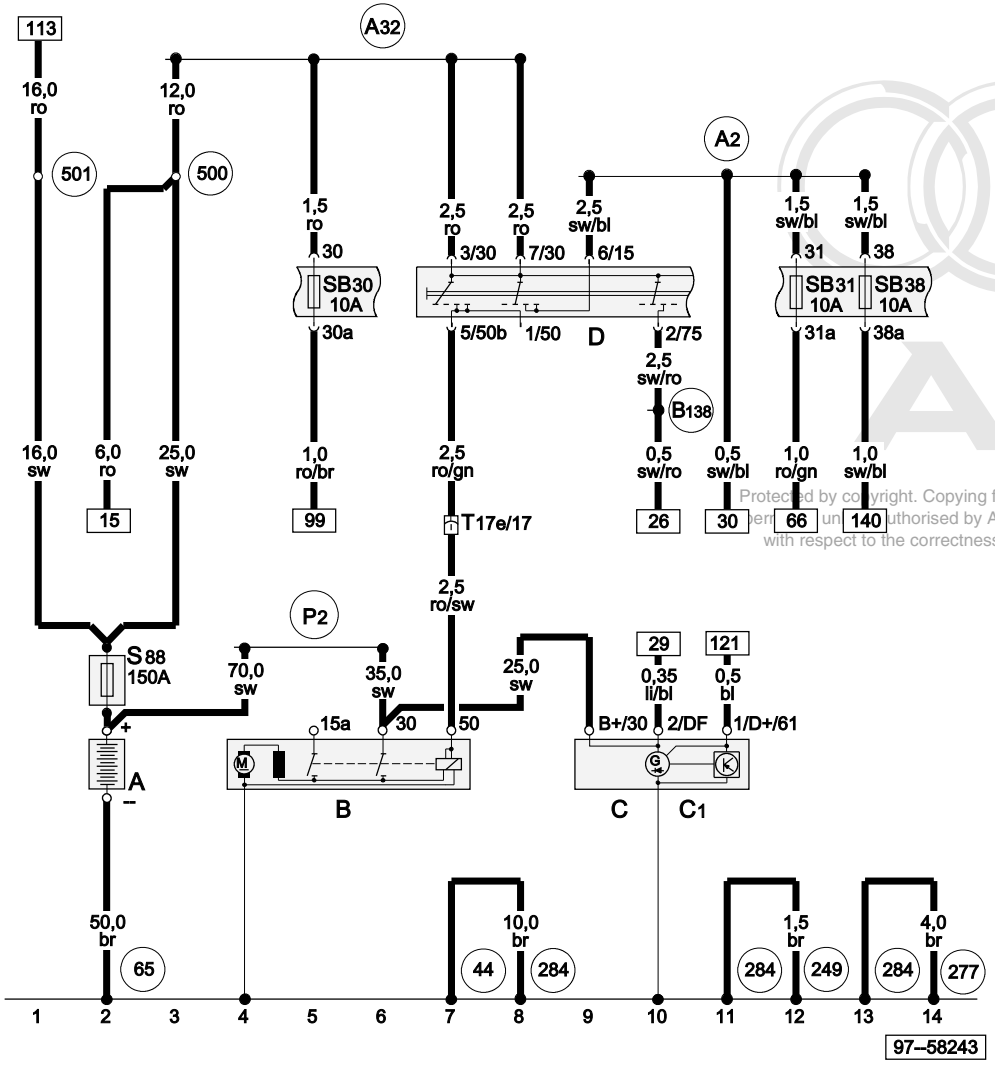

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rs = pink

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
S88	Strip fuse
SB30	Fuse -30- on fuse box
SB31	Fuse -31- on fuse box
SB38	Fuse -38- on fuse box
T17e	17-pin connector, blue, in footwell, front left
44	Earth point, lower part of left A pillar
65	Earth point, left longitudinal member, rear, between B and C pillar
249	Earth connection -2-, in interior wiring harness
277	Earth connection -3-, in interior wiring harness
284	Earth connection -6-, in interior wiring harness
500	Screw connection -1- (30), on relay plate
501	Screw connection -2- (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
B138	Positive (+) connection (X), in interior wiring harness
P2	Positive (+) connection (30), in battery wiring harness

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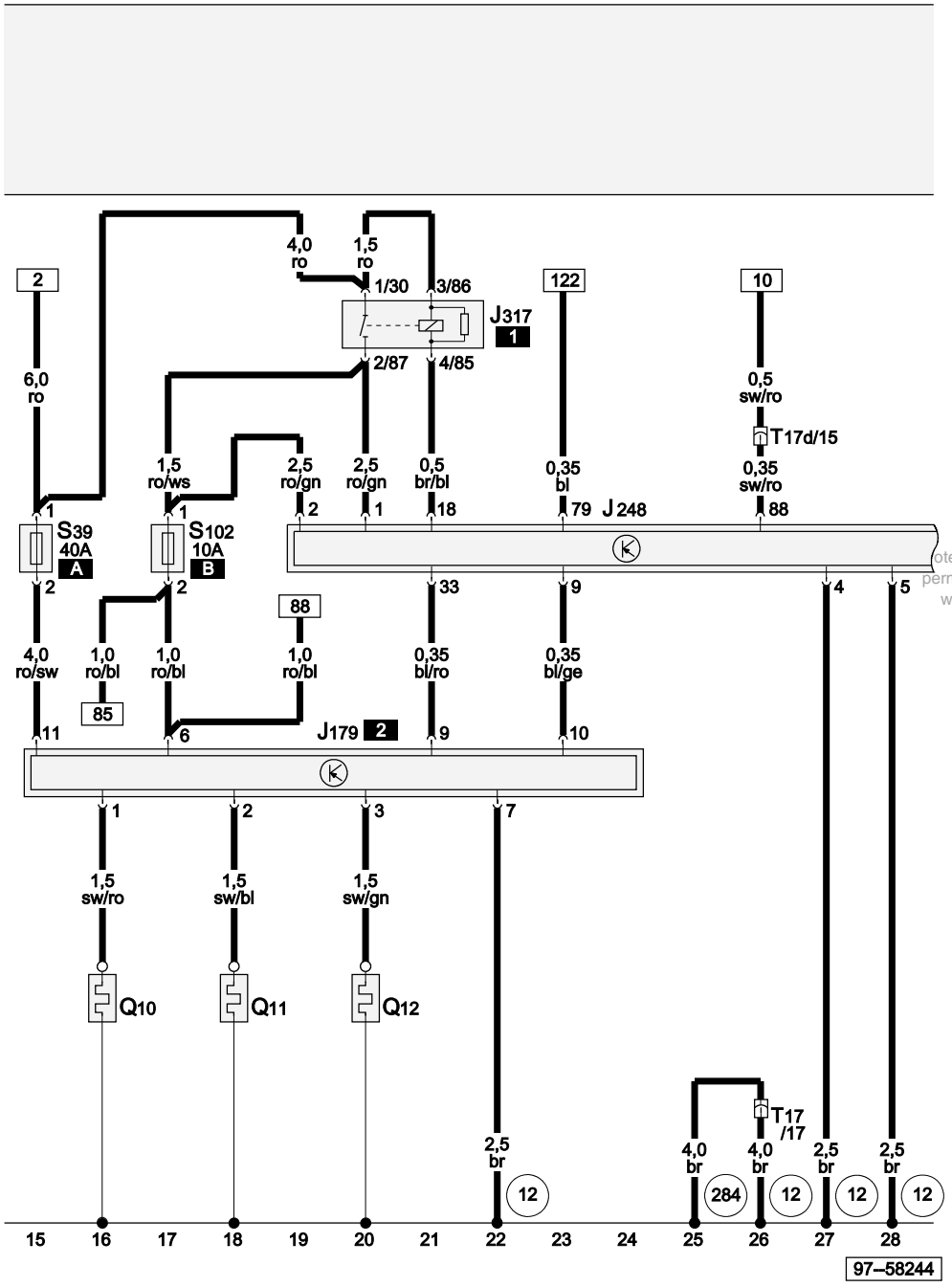

Automatic glow period control unit, diesel direct injection system control unit, terminal 30 voltage supply relay, glow plug 1

J179	Automatic glow period control unit
J248	Diesel direct injection system control unit
J317	Terminal 30 voltage supply relay
Q10	Glow plug -1-
Q11	Glow plug -2-
Q12	Glow plug -3-
S39	Strip fuse for glow plugs - engine
S102	Engine control unit fuse
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
(12)	Earth point, in engine compartment, left
(284)	Earth connection -6-, in interior wiring harness

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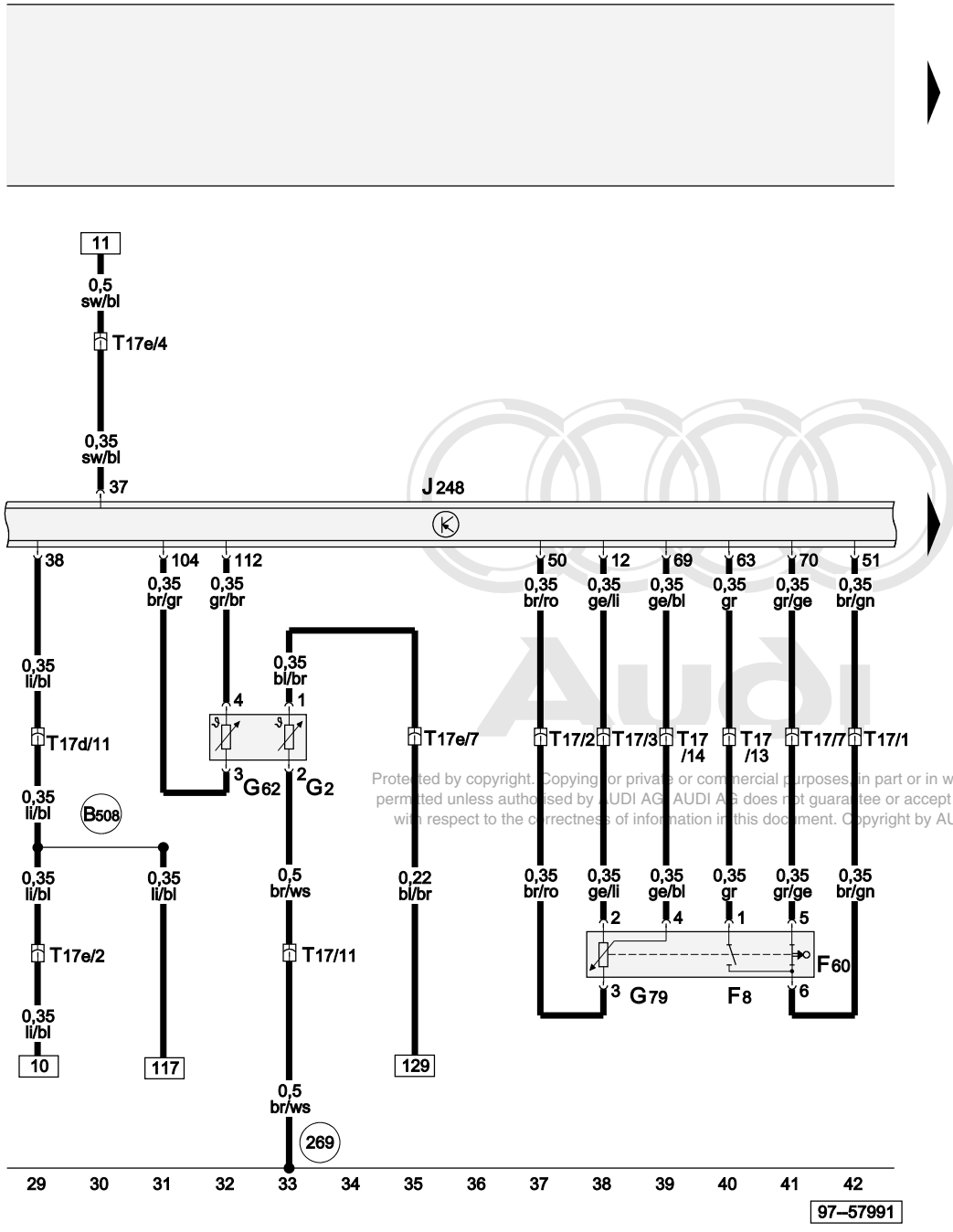

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Kick-down switch, idling switch, coolant temperature senders, accelerator pedal position sender, diesel direct injection system control unit

F8	Kick-down switch
F60	Idling switch
G2	Coolant temperature sender
G62	Coolant temperature sender
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B508	Connection (DF), in interior wiring harness

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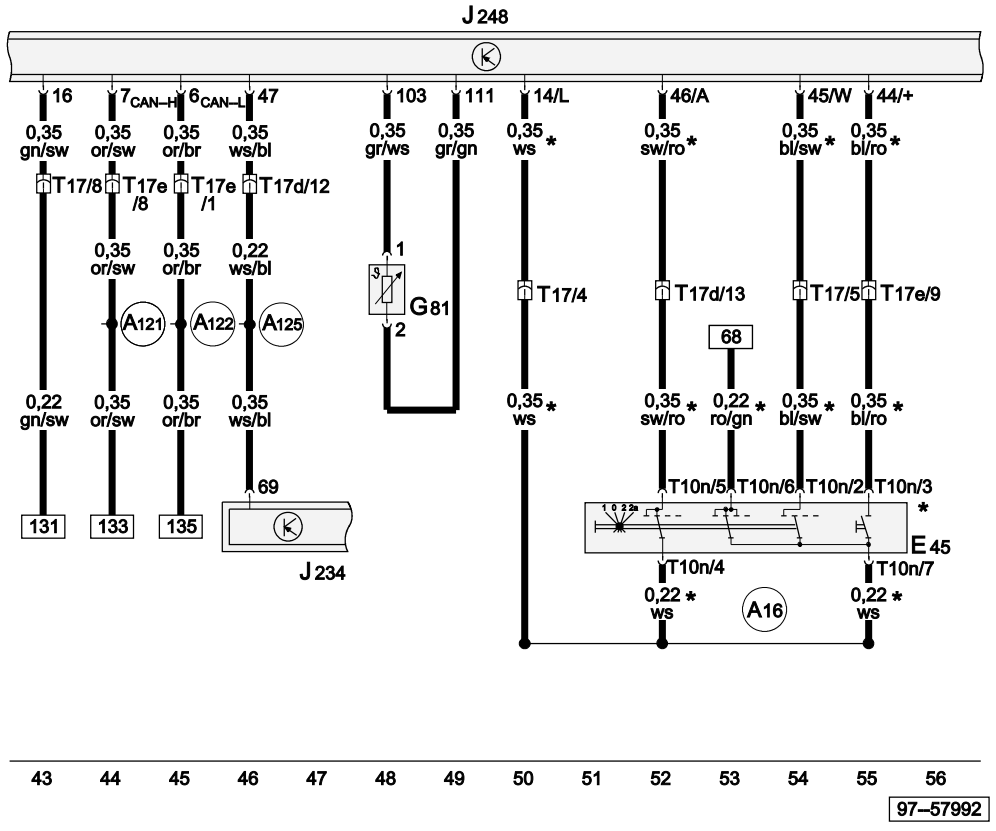
Cruise control system switch, fuel temperature sender, airbag control unit, diesel direct injection system control unit

E45	Cruise control system switch
G81	Fuel temperature sender
J234	Airbag control unit
J248	Diesel direct injection system control unit
T10n	10-pin connector, black, behind steering column switch trim
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
A16	Connection (cruise control system), in dash panel 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
*	Only applies to models with cruise control system



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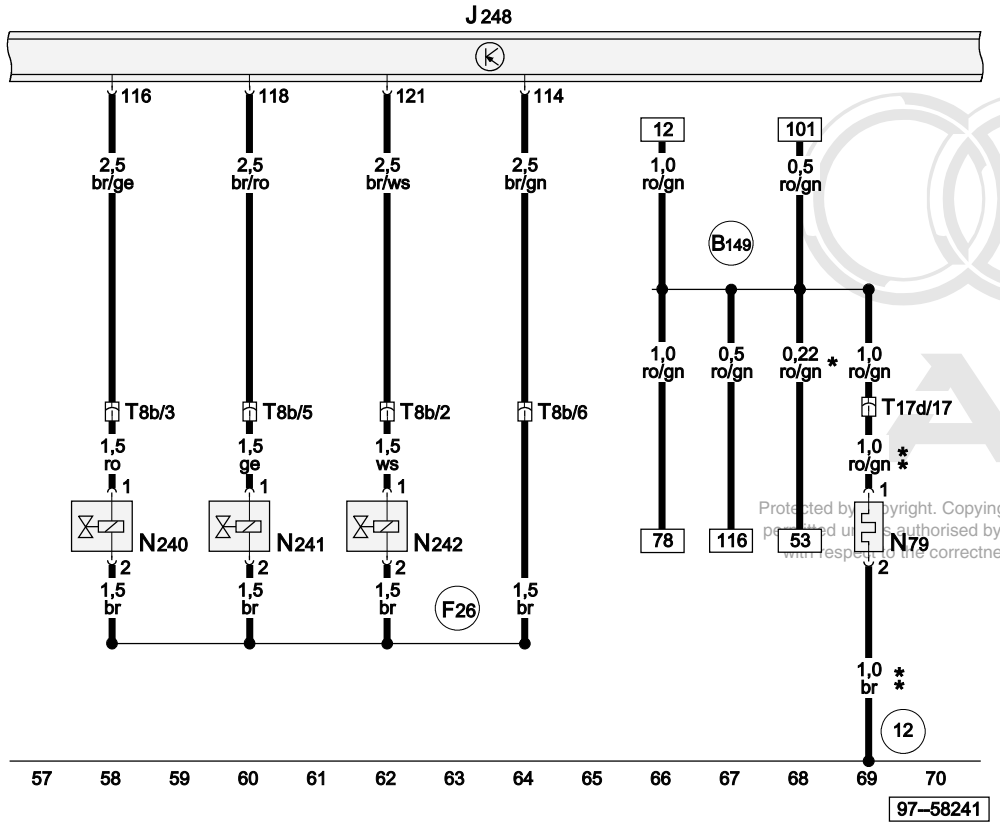
Diesel direct injection system control unit, heater element (crankcase breather), unit injector solenoid valves

J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
N240	Unit injector solenoid valve, No. 1 cylinder
N241	Unit injector solenoid valve, No. 2 cylinder
N242	Unit injector solenoid valve, No. 3 cylinder
T8b	8-pin connector, black, at unit injector solenoid valves
T17d	17-pin connector, green, in footwell, front left
12	Earth point, in engine compartment, left
B149	Positive (+) connection -2- (15a), in interior wiring harness
F26	Connection -2-, in diesel direct injection system wiring harness
*	Only applies to models with cruise control system
**	Only applies to models with heater element (crankcase breather)



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rs = pink

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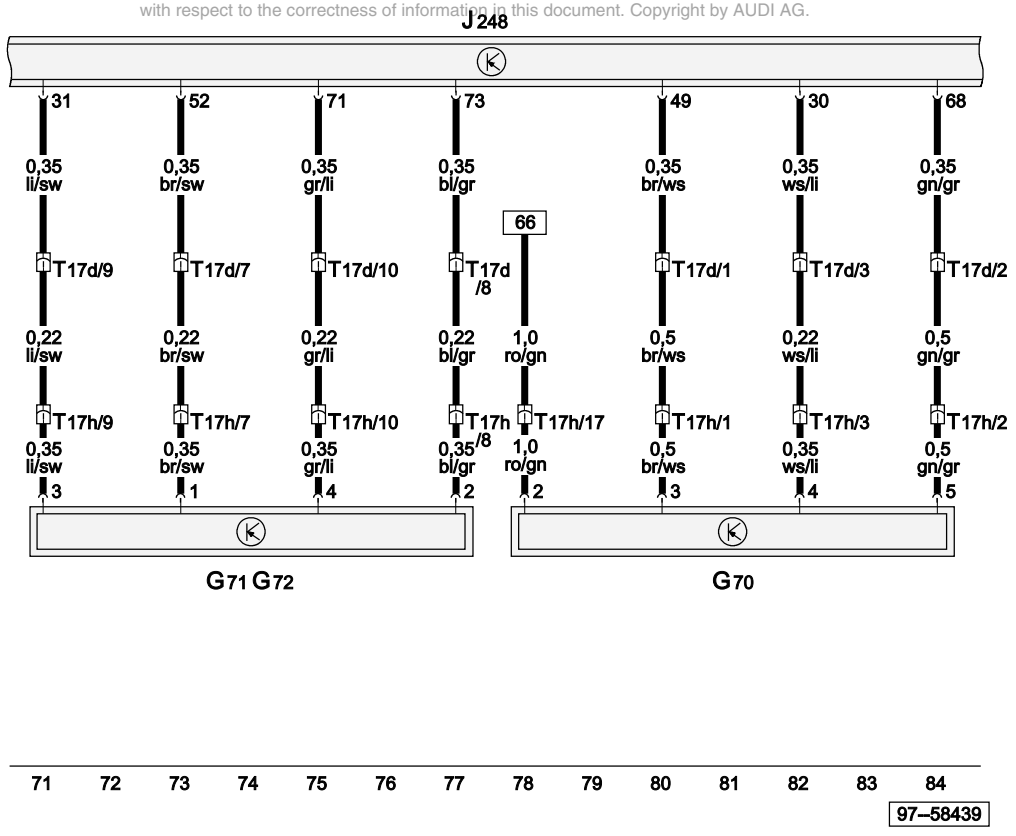


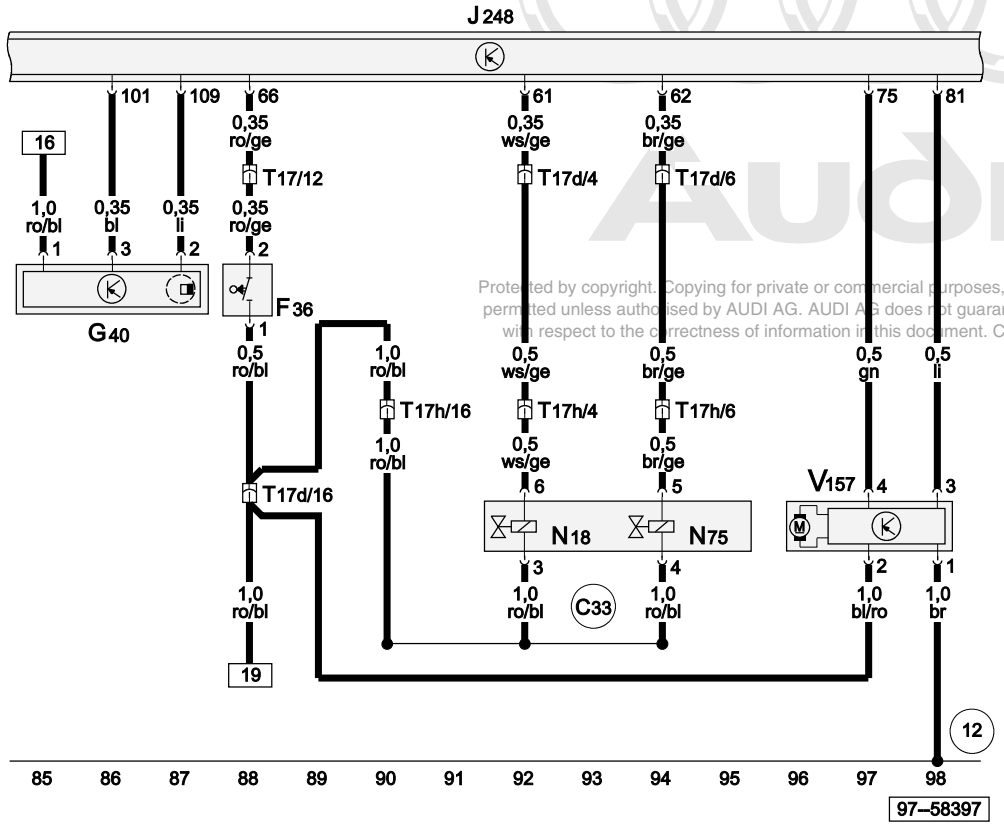
Air mass meter, intake manifold pressure sender, intake manifold temperature sender, diesel direct injection system control unit

G70	Air mass meter
G71	Intake manifold pressure sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right

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

Clutch pedal switch, Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, intake manifold flap motor

F36	Clutch pedal switch
G40	Hall sender
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17h	17-pin connector, green, connector point, A pillar, right
V157	Intake manifold flap motor
12	Earth point, in engine compartment, left
C33	Connection -5-, in headlight wiring harness



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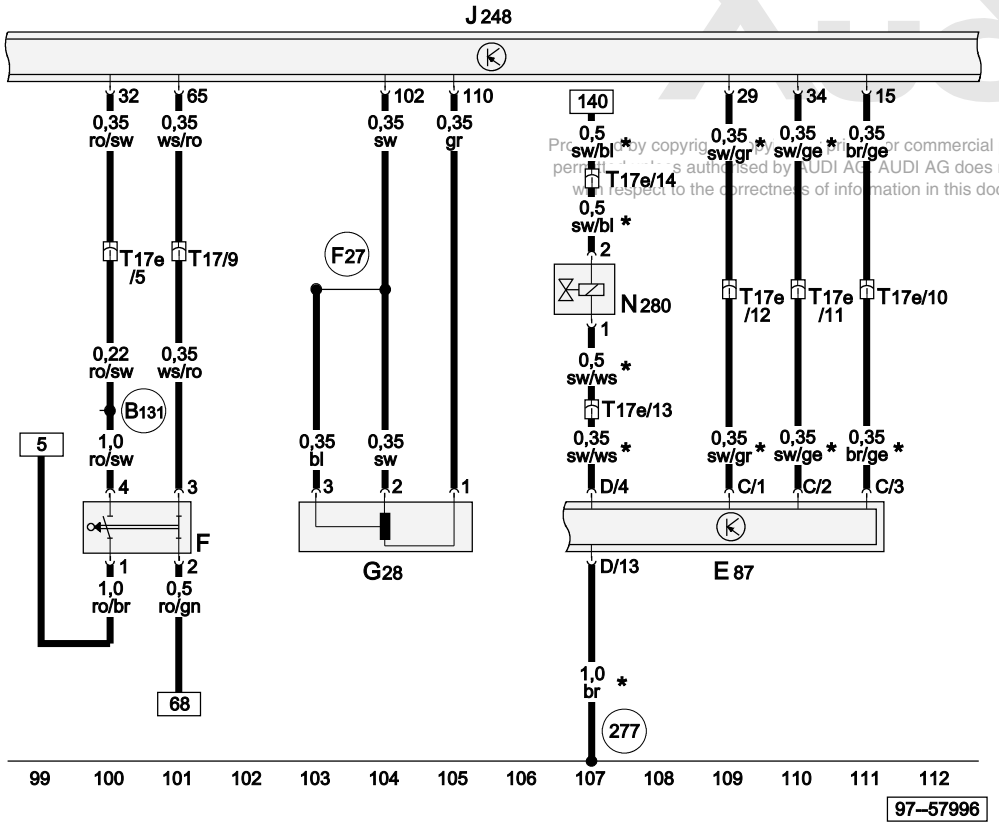
Air conditioning system/Climatronic operating and display unit, brake light switch, engine speed sender

E87	Air conditioning system/Climatronic operating and display unit
F	Brake light switch
G28	Engine speed sender
J248	Diesel direct injection system control unit
N280	Air conditioning system compressor regulating valve
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
277	Earth connection -3-, in interior wiring harness
B131	Connection (54), in interior wiring harness
F27	Connection (screening), in diesel direct injection system wiring harness
*	Only applies to models with air conditioning system



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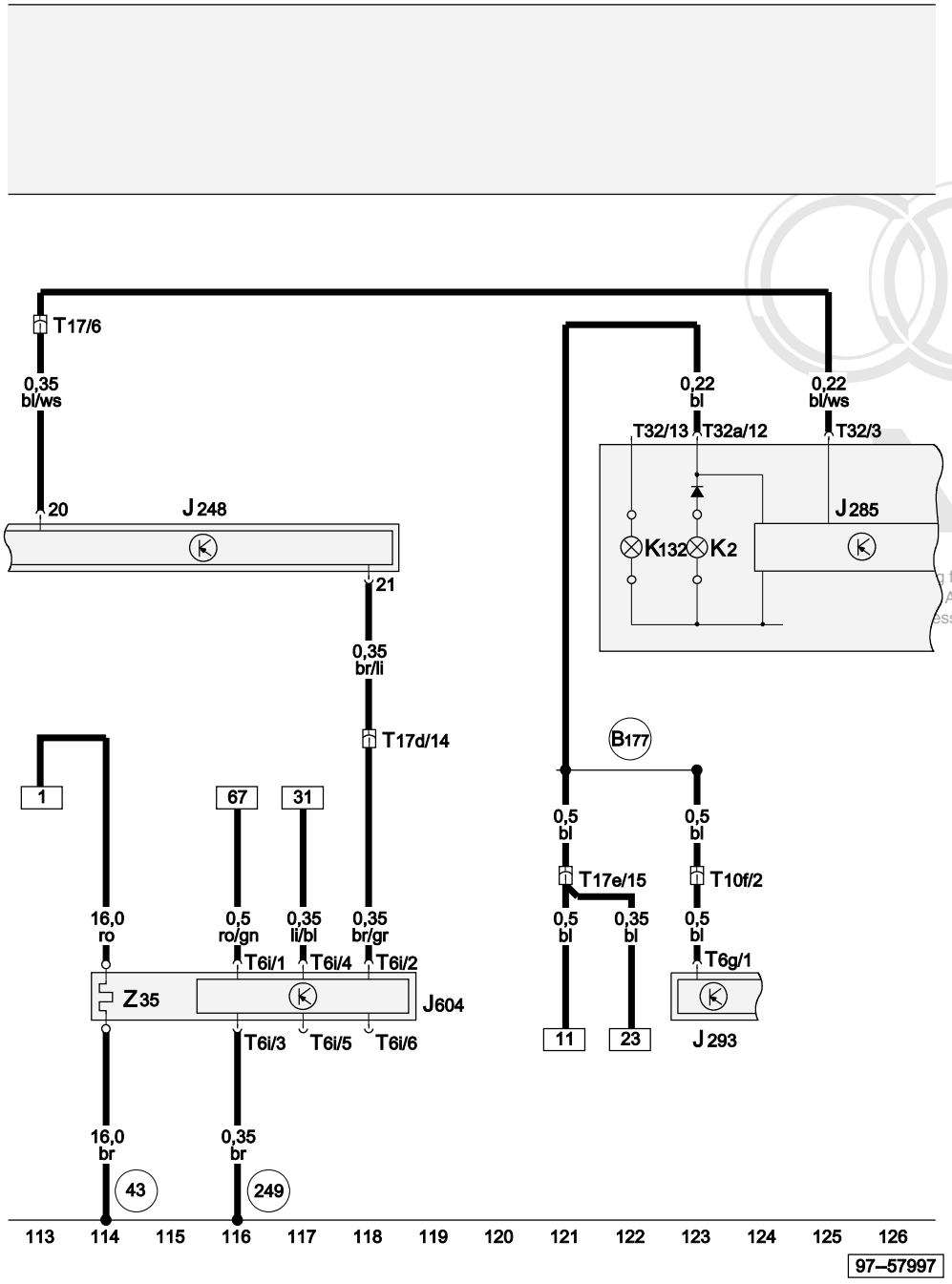

ws = white
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit with display in dash panel insert, radiator fan control unit, additional air heater control unit

J248	Diesel direct injection system control unit
J285	Control unit with display in dash panel insert
J293	Radiator fan control unit
J604	Additional air heater control unit
K2	Alternator warning lamp
K132	Electronic power control fault lamp
T6g	6-pin connector, black, on radiator fan control unit
T6i	6-pin connector, black, on additional air heater control unit (PTC 1500 W)
T10f	10-pin connector, blue, connector point, A pillar, left
T17	17-pin connector, brown, in footwell, front left
T17d	17-pin connector, green, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
Z35	Additional heating heater element
43	Earth point, lower part of right A pillar
249	Earth connection -2-, in interior wiring harness
B177	Connection (61), in interior wiring harness

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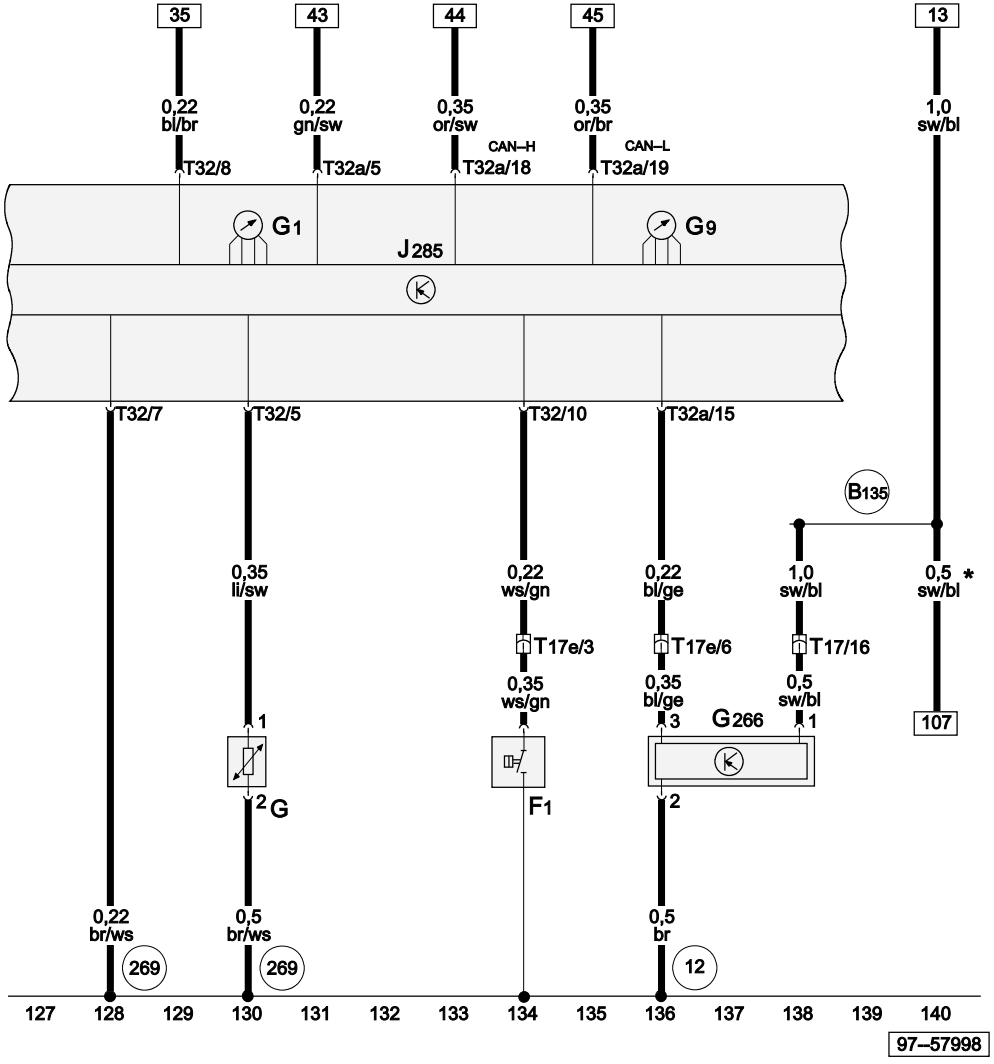
Oil pressure switch, oil level/oil temperature sender, control unit with display in dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G9	Oil temperature gauge
G266	Oil level/oil temperature sender
J285	Control unit with display in dash panel insert
T17	17-pin connector, brown, in footwell, front left
T17e	17-pin connector, blue, in footwell, front left
T32	32-pin connector, blue, on dash panel insert
T32a	32-pin connector, green, on dash panel insert
12	Earth point, in engine compartment, left
269	Earth connection (sender earth) -1-, in dash panel wiring harness
B135	Connection -1- (15a), in interior wiring harness
*	Only applies to models with air conditioning system



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Electric lumbar support adjustment

From model year 2004

Notes:

Information on

- Position of relays and fuses
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations

Information on

- Fault Finding Programmes

⇒ Guided Fault Finding

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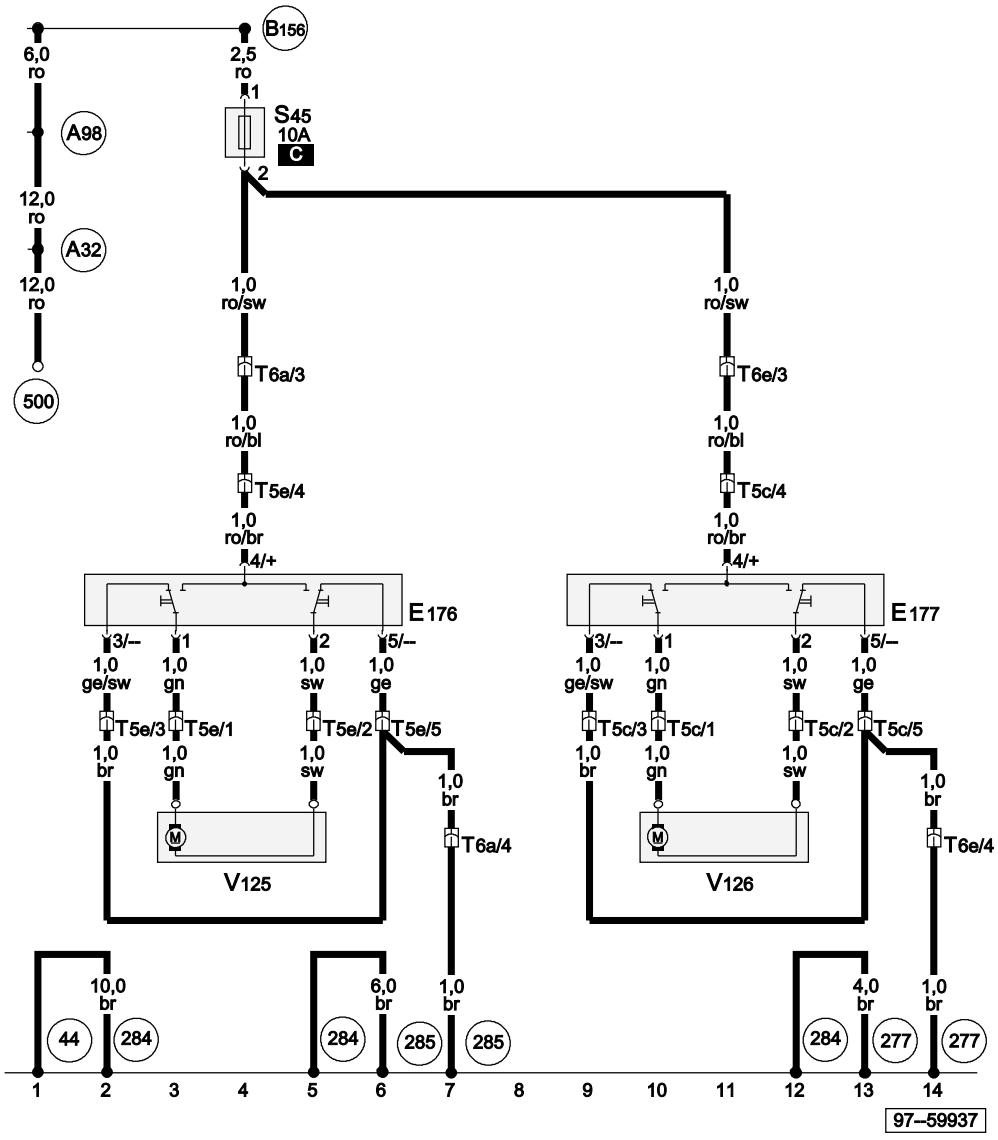

ws = white
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Driver's seat lumbar support adjustment switch, front passenger's seat lumbar support adjustment switch, seat adjustment fuse

E176	Lumbar support adjustment switch, driver's seat
E177	Lumbar support adjustment switch, front passenger's seat
S45	Seat adjustment fuse
T5c	5-pin connector, on front passenger's seat
T5e	5-pin connector, on driver's seat
T6a	6-pin connector, red, under driver's seat
T6e	6-pin connector, red, under front passenger's seat
V125	Lumbar support longitudinal adjustment motor, driver's seat
V126	Lumbar support longitudinal adjustment motor, front passenger's seat
44	Earth point, A pillar, bottom left
277	Earth connection 3, in interior wiring harness
284	Earth connection 6, in interior wiring harness
285	Earth connection 7, in interior wiring harness
500	Screw connection 1 (30), on relay plate
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection 4 (30), in dash panel wiring harness
B156	Positive (+) connection (30a), in interior wiring harness

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Seat heating

From model year 2004

Notes:

Information on

- Position of relays and fuses
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations

Information on

- Fault Finding Programmes

⇒ Guided Fault Finding

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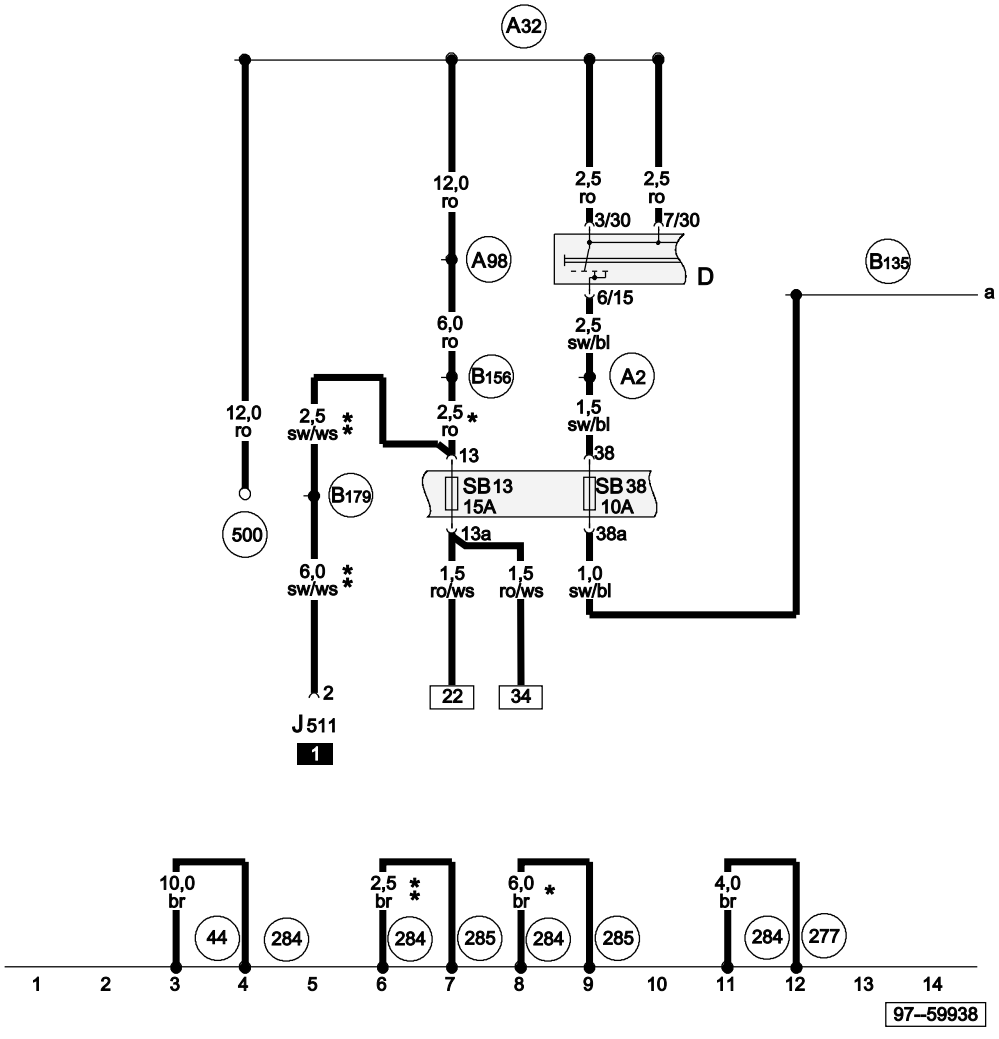

Ignition/starter switch, fuses

D	Ignition/starter switch
J511	Consumer switch-off relay
SB13	Fuse 13 on fuse box
SB38	Fuse 38 on fuse box
44	Earth point, A pillar, bottom left
277	Earth connection 3, in interior wiring harness
284	Earth connection 6, in interior wiring harness
285	Earth connection 7, in interior wiring harness
500	Screw connection 1 (30), on relay plate
A2	Positive (+) connection (15), in dash panel wiring harness
A32	Positive (+) connection (30), in dash panel wiring harness
A98	Positive (+) connection 4 (30), in dash panel wiring harness
B135	Connection 1 (15a), in interior wiring harness
B156	Positive (+) connection (30a), in interior wiring harness
B179	Positive (+) connection (consumer switch-off), in interior wiring harness
*	Does not apply to models with engine code ANY
**	Only applies to models with engine code ANY

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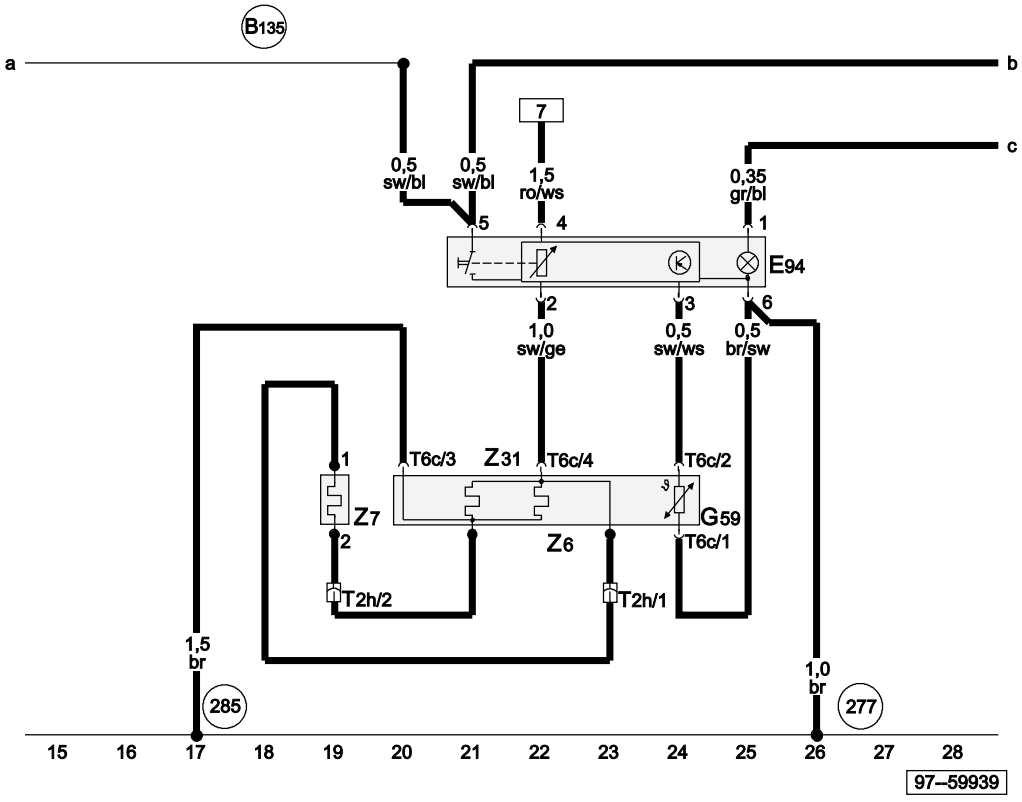
Heated driver's seat regulator, driver's seat temperature sensor, heated driver's seat cushion, heated driver's seat backrest, driver's seat lateral support heater

E94	Heated driver's seat regulator
G59	Driver's seat temperature sensor
T2h	2-pin connector, in driver's seat
T6c	6-pin connector, green, under driver's seat
Z6	Heated driver's seat cushion
Z7	Heated driver's seat backrest
Z31	Driver's seat lateral support heater
277	Earth connection 3, in interior wiring harness
285	Earth connection 7, in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness



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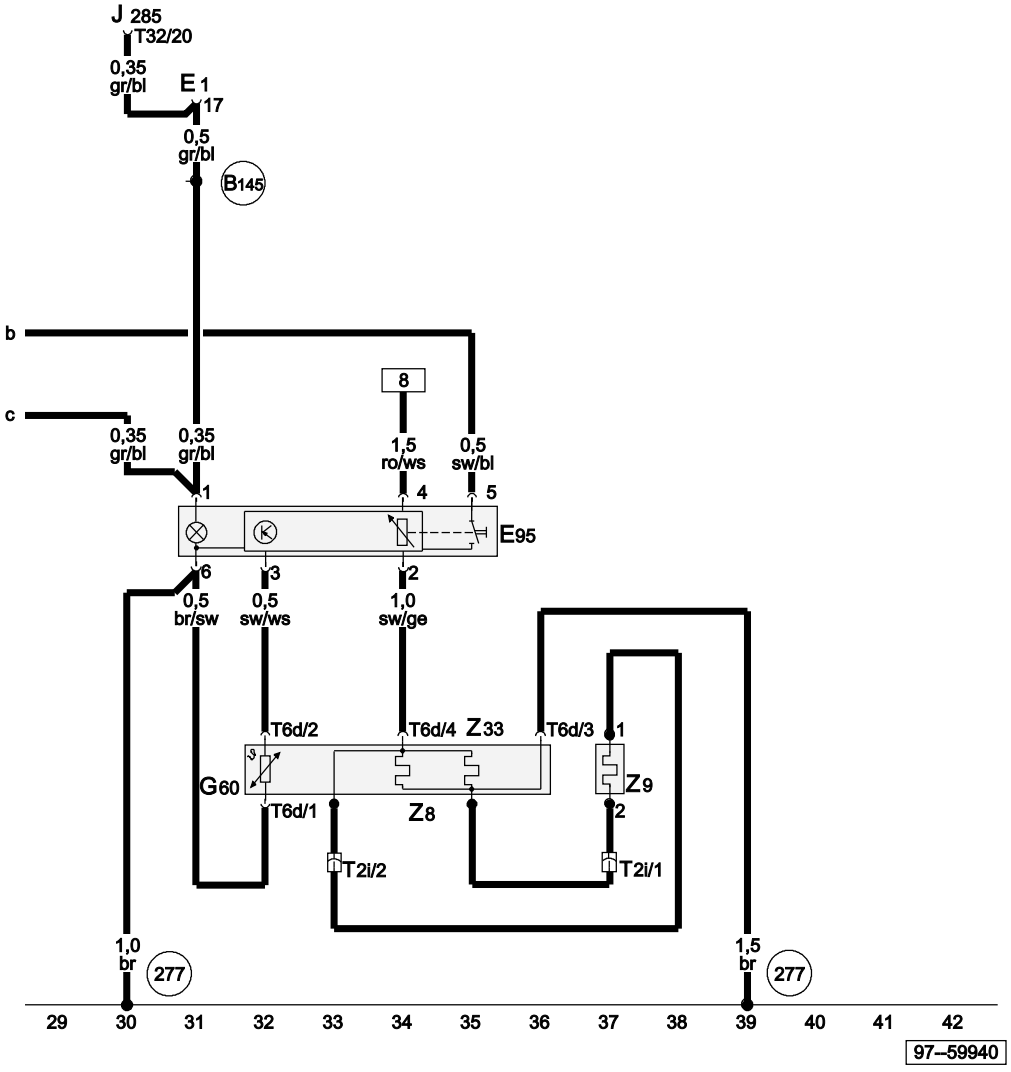
Heated front passenger's seat regulator, front passenger's seat temperature sensor, heated front passenger's seat cushion, heated front passenger's seat backrest, front passenger's seat lateral support heater

E1	Light switch
E95	Heated front passenger's seat regulator
G60	Front passenger's seat temperature sensor
J285	Control unit in dash panel insert
T2i	2-pin connector, in front passenger's seat
T6d	6-pin connector, green, under front passenger's seat
T32	32-pin connector, blue, on dash panel insert
Z8	Heated front passenger's seat cushion
Z9	Heated front passenger's seat backrest
Z33	Front passenger's seat lateral support heater
277	Earth connection 3, in interior wiring harness
B145	Positive (+) connection (58b), in interior wiring harness



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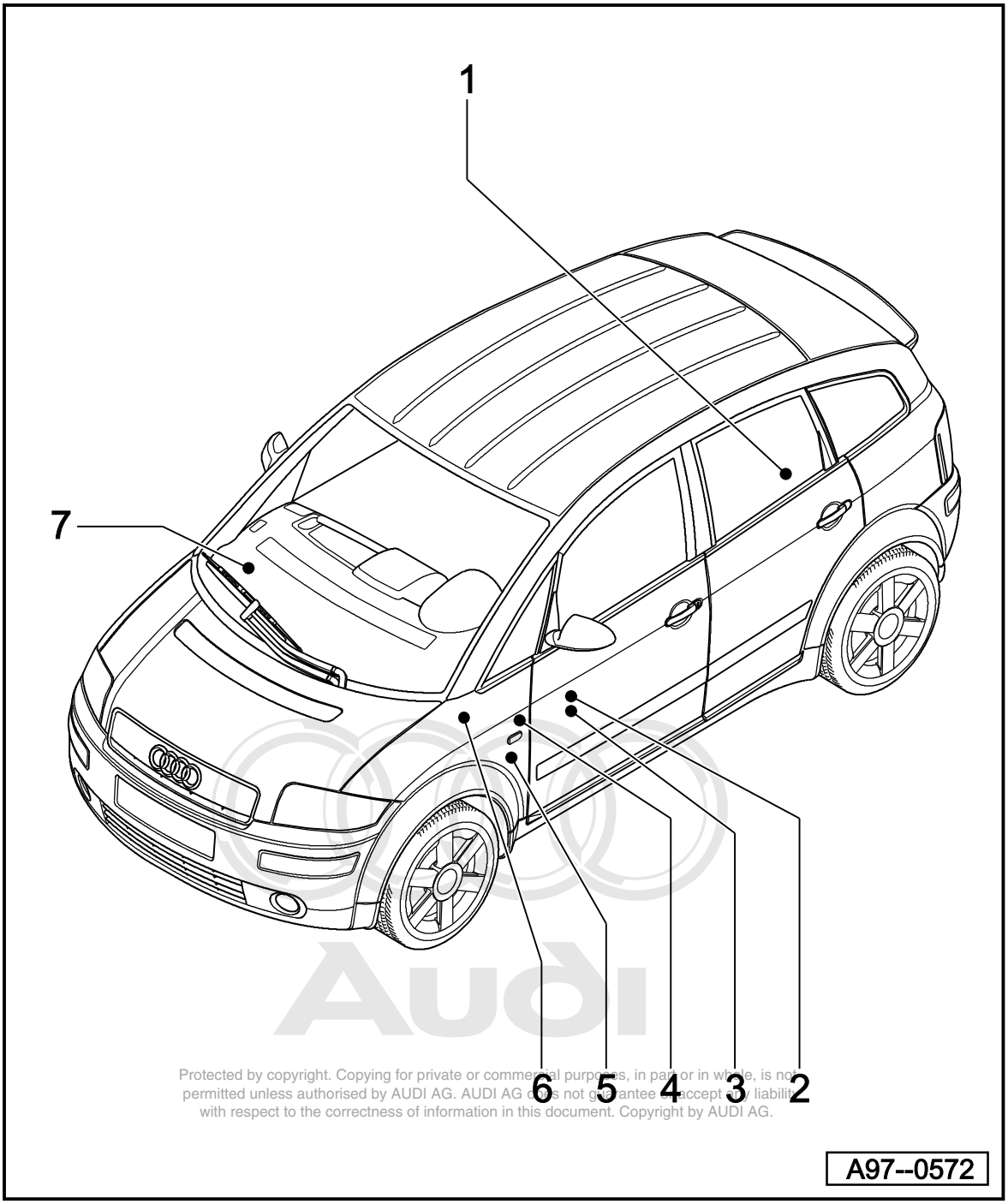
Connector points, relay carriers, fuse carrier



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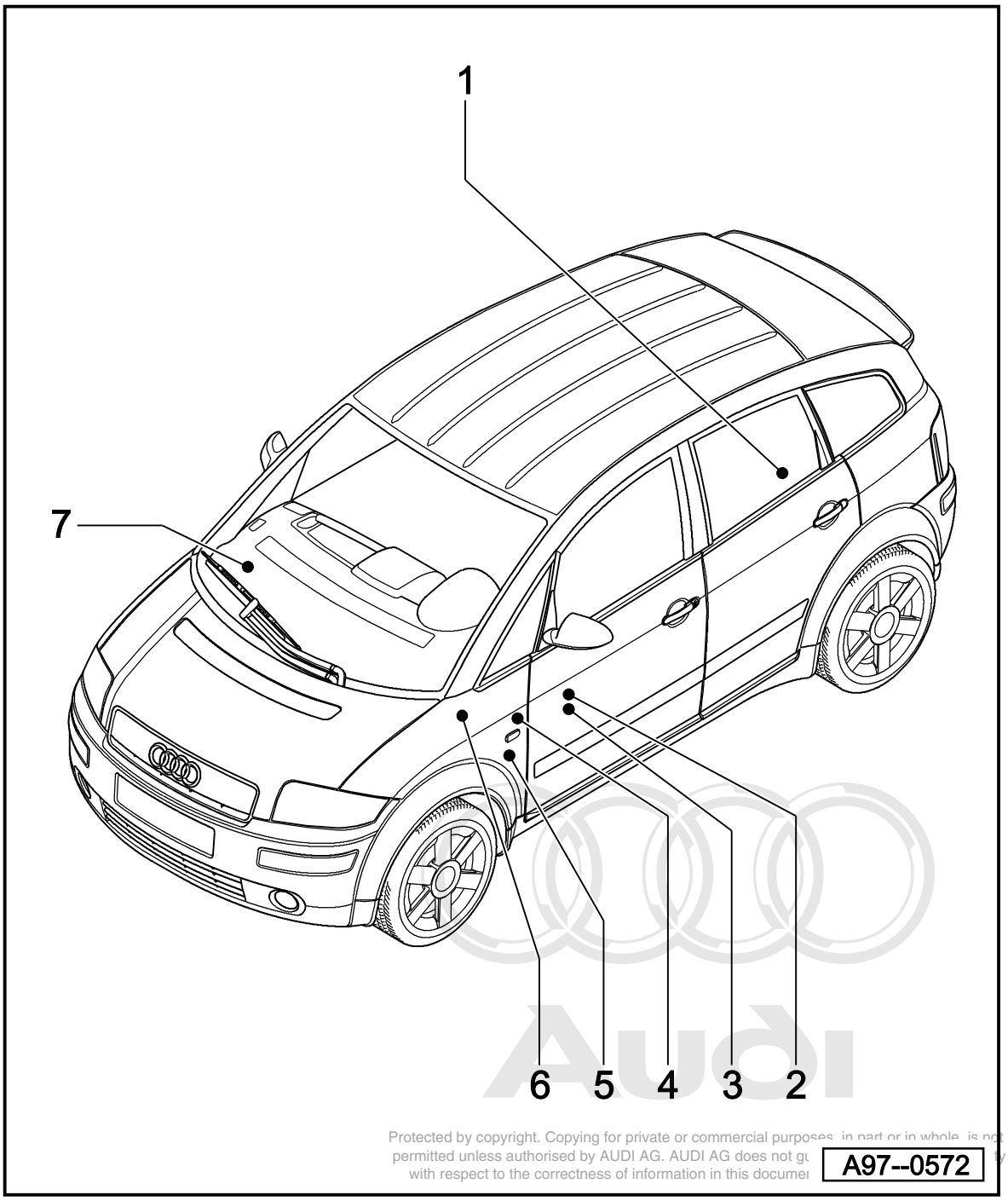
Fitting locations overview

1 - Main fuse 150 A
- ♦ ⇒ Fig. 1, page 1/3

2 - Relay carrier (9-point)
- ♦ ⇒ Fig. 2, page 1/4

3 - Fuse box
- ♦ ⇒ Fig. 3, page 1/5, 1/6, 1/7,1/8, 1/9, 1/10, 1/11



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4 - Relay carrier (6+6-point)
♦ ⇒ Fig. 4, page 1/12, 1/13

5 - Relay carrier (3-point)
♦ ⇒ Fig. 5, page 1/14

6 - Connector point, A pillar, left
♦ ⇒ Fig. 6, page 1/15

7 - Connector point, A pillar, right
♦ ⇒ Fig. 7,page 1/16

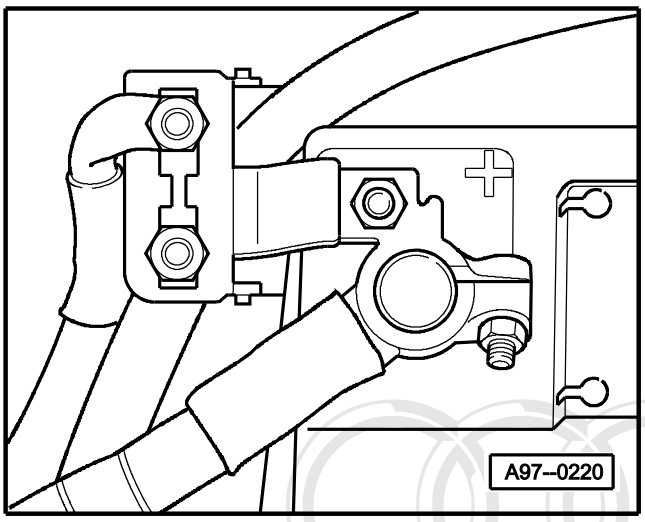

Fig. 1 Main fuse

♦ On battery

S88 - Strip fuse - 150 A

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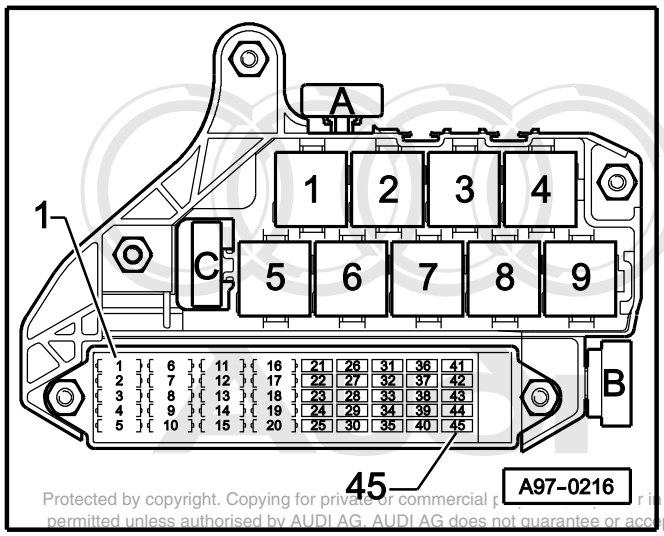

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Fig. 2 Relay carrier (9-point)

♦ In dash panel, driver's side

Fuse colours

1 A - black

40 A - orange

60 A - light blue

Note:

The remaining items in the relay carrier are not used.

Position of relays:

Item	Socket colour	Designation
1	black	Consumer switch-off relay (J511)
4	black	High heat output relay (J360)
5	black	Dual tone horn relay (J4)
6	black	Bulb check warning unit (K41)
7	black	Bulb check warning unit (K41)
8	black	Low heat output relay (J359)
9	black	X contact relief relay (J59)

Fuses:

Item	Socket colour	Designation	Fuse rating
A	black	Multi-function steering wheel fuse (S326)	1 A
B	black	Additional heater fuse (S126)	60 A
C	black	Radiator fan control unit fuse (S142)	40 A

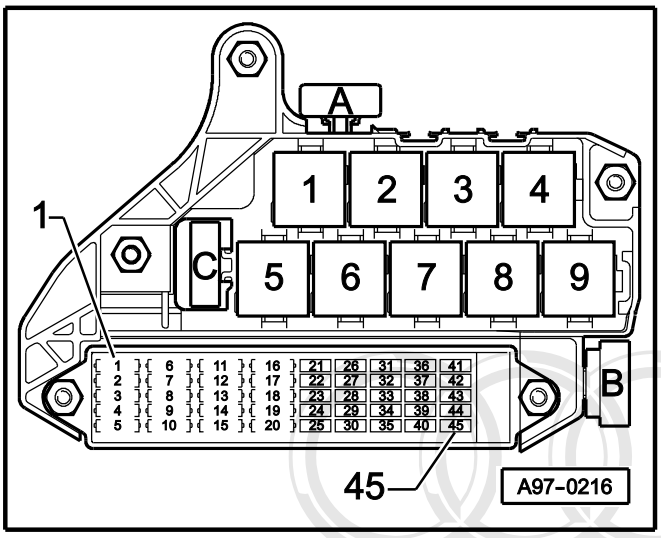

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

Fuses:

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1	-	Control unit with display in dash panel insert	10 A
2	-	Navigation interface Radio Voltage stabiliser 2 Aerial selection control unit Operating electronics control unit, navigation Navigation/TV tuner Amplifier	20 A
3	-	Voltage stabiliser	20 A
4	-	Radiator fan Radiator fan thermo-switch	20 A
6	-	Automatic intermittent wash/wipe relay Washer pump switch Intermittent wiper switch	25 A
7	-	Hazard warning light relay	15 A
8	-	Dual tone horn relay Horn/dual tone horn Sliding sunroof adjustment control unit	25 A
10	-	Trailer socket	30 A
11	-	12 V socket	20 A

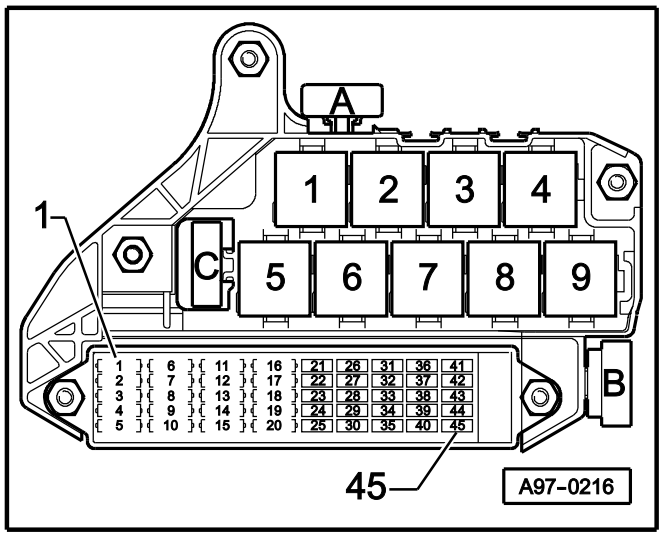

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

Fuses:

12	-	Cigarette lighter	15 A
13	-	Heated driver's seat regulator Heated front passenger's seat regulator	15 A
14	-	Low heat output relay	30 A
14	-	Heater control unit	20 A
15	-	Air conditioning system/Climatronic operating and display unit Heated rear window Heated rear window relay	30 A
16	-	Fresh air blower switch Fresh air blower control unit	30 A
18	-	Fuel pump (pre-supply pump)	20 A
19	-	Lambda probe heater Lambda probe 1 heater, downstream of catalytic converter Activated charcoal filter system solenoid valve 1 (pulsed) NOx sensor control unit	20 A
20	-	4LV (injection system) control unit Ignition coil -1- with output stage Ignition coil -2- with output stage Ignition coil -3- with output stage Ignition coil -4- with output stage	20 A

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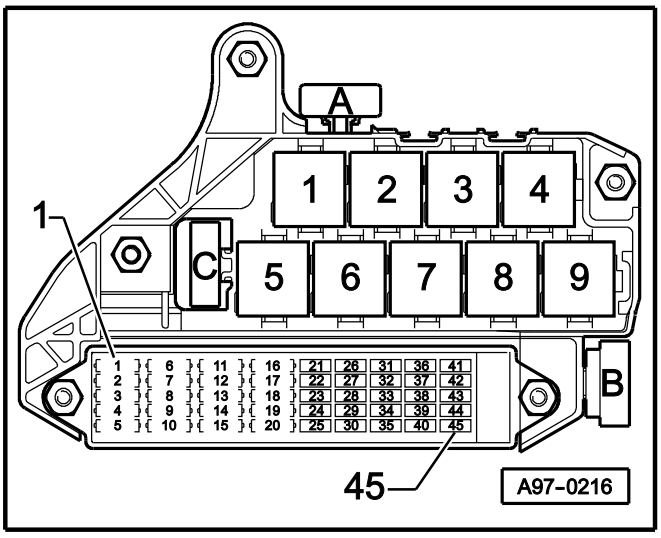

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

Fuses:

21	-	Twin filament bulb for headlight, right Main beam warning lamp	10 A
22	-	Twin filament bulb for headlight, left	10 A
23	-	Bulb check warning unit Headlight range control motor, right Twin filament bulb for headlight, right	15 A
24	-	Bulb check warning unit Headlight range control motor, left Twin filament bulb for headlight, left	15 A
25	-	Mobile telephone operating electronics control unit Telephone/telematics control unit Aerial amplifier, mobile telephone	5 A
26	-	Bulb check warning unit Tail light bulb, right Side light bulb, right	5 A
27	-	Bulb check warning unit Tail light bulb, left Side light bulb, left	5 A
28	-	Diagnostic connector	10 A

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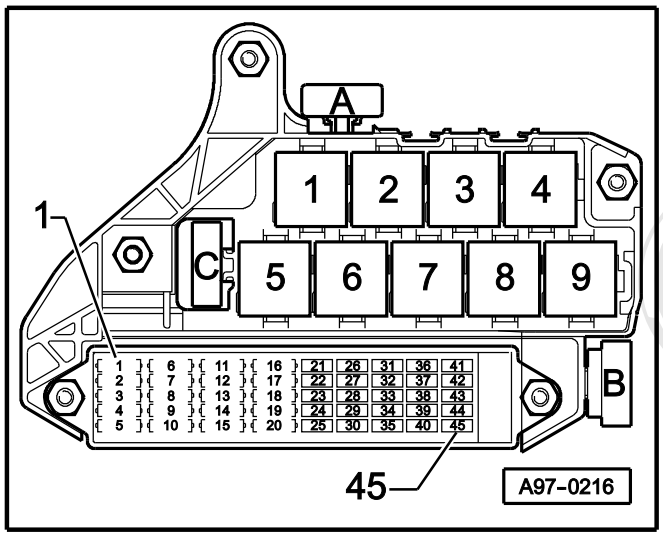

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

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Fuses:

29	-	Diagnostic connector Reversing light switch	15 A
30	-	Brake light switch	10 A
31	-	Brake light switch Heater element (crankcase breather) (MPI engine, diesel engine) Air mass meter Low heat output relay High heat output relay Cruise control system switch Radiator fan control unit Additional air heater control unit Exhaust gas recirculation valve	10 A
32	-	Glove box light Number plate light, left Number plate light, right	10 A
33	-	Heater element, left washer jet Heater element, right washer jet	5 A

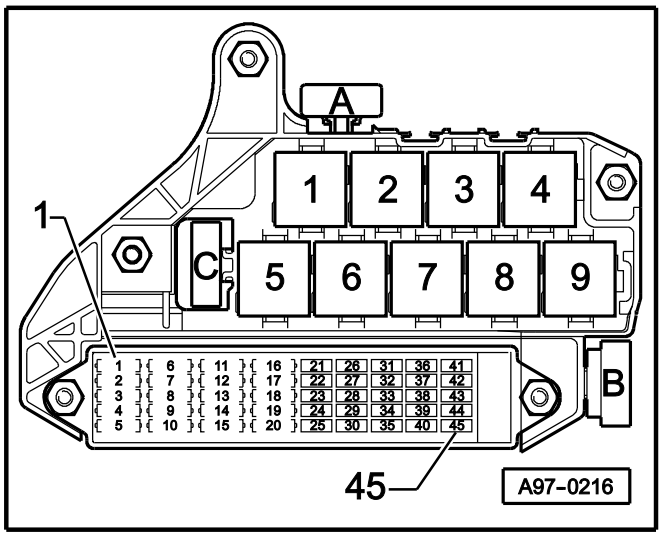

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

Fuses:

34	-	Hazard warning light relay	10 A
35	-	Rear left fog light bulb Front and rear fog light switch	15 A
36	-	Anti-theft alarm system horn Air conditioning system/Climatronic operating and display unit Heated rear window relay Tank filler flap remote release switch Interior monitor switch Convenience system central control unit	10 A
37	-	Navigation system with CD drive control unit Parking aid control unit	10 A
38	-	Automatic anti-dazzle interior mirror High pressure sender Air conditioning system/Climatronic operating and display unit Heated driver's seat regulator Heated front passenger's seat regulator Speedometer sender Oil level/oil temperature sender Selector lever lock solenoid	10 A

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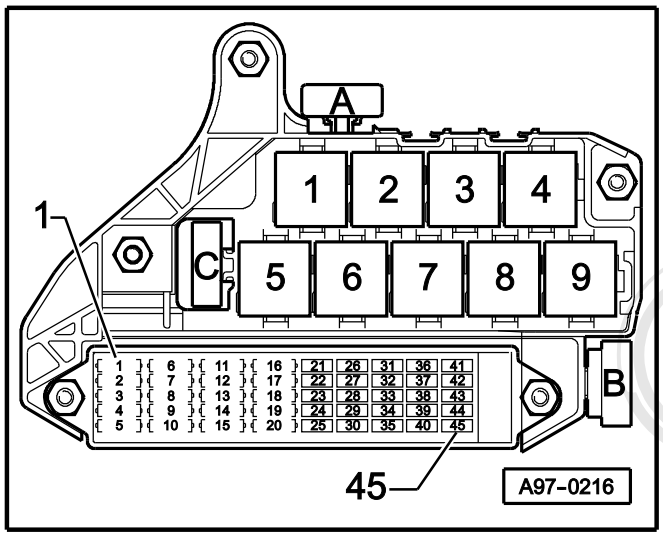

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

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Fuses:

38	-	Compressor regulating valve, air conditioning system Heated rear window relay Fresh air/air recirculating flap switch Operating electronics control unit, navigation Electronic manual gearbox control unit Parking aid control unit Power steering control unit Navigation system with CD drive control unit Telephone/telematics control unit Ignition key withdrawal lock control unit Additional heating button (ECON) Amplifier Hazard warning light switch	10 A
39	-	Door control unit, front passenger's side Door control unit, rear right	10 A
40	-	Traction control system warning lamp Traction control system switch ABS with EDL control unit Steering angle sender	10 A

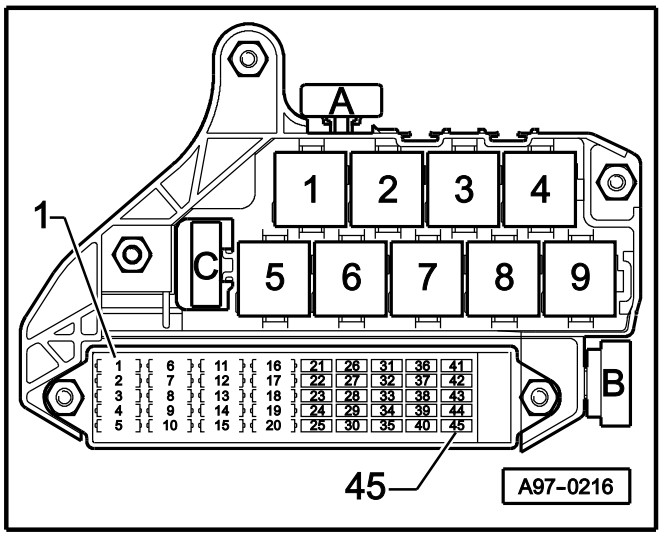

Fig. 3 Fuse box

♦ In dash panel, driver's side

Fuse colours

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

Fuses:

41	-	Door control unit, driver's side Door control unit, rear left	10 A
42	-	Anti-theft alarm ultra-sonic sensor Convenience system central control unit	10 A
43	-	Electronic manual gearbox control unit	10 A
44	-	Ignition key withdrawal lock solenoid valve Electronic manual gearbox control unit Handbrake warning lamp control unit Ignition key withdrawal lock control unit	10 A
45	-	Injector, cylinder 1 Injector, cylinder 2 Injector, cylinder 3 Injector, cylinder 4 Heater element (crankcase breather) (FSI engine) Fuel pressure regulating valve Inlet camshaft timing adjustment valve -1- Fuel metering valve Intake manifold flap air flow control valve Map-controlled engine cooling thermostat	15 A

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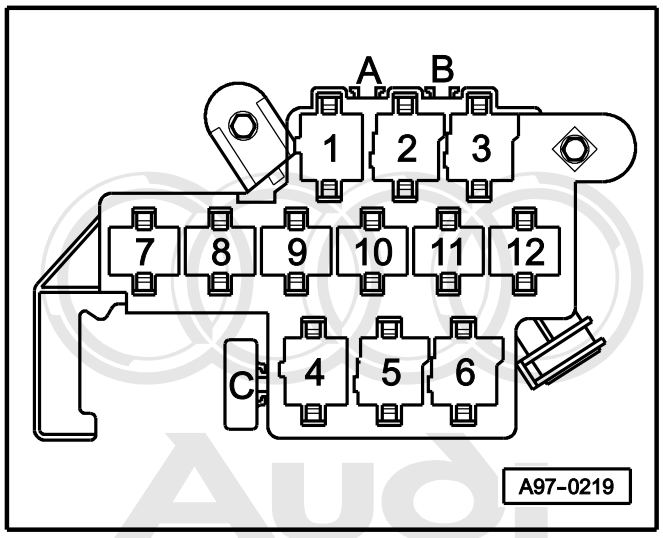

Fig. 4 Relay carrier (6+6-point)

♦ In footwell, front left

Fuse colours

20 A - yellow

60 A - light blue

Note:

The remaining items in the relay carrier are not used.

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Position of relays:

Item	Socket colour	Designation
1*	black	Starter inhibitor and reversing light relay (J226)
2	black	Automatic intermittent wash/wipe relay (J31)
3	black	Automatic intermittent wash/wipe relay (J31)
4*	black	Gearbox hydraulic pump relay (J510)
5*	black	Ignition key withdrawal lock control unit (J557)
5**	black	Fuel pump relay (J17)
6*	brown	Ignition key withdrawal lock control unit (J557)

Note:

* - *Only applies to engine code ANY*

** - *Only applies to engine codes BAD, BBY*

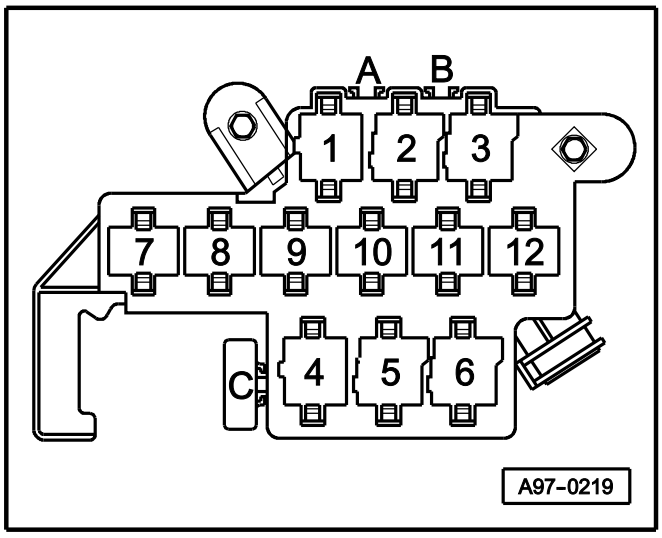

Fig. 4 Relay carrier (6+6-point)

♦ In footwell, front left

Fuse colours

20 A - yellow

60 A - light blue

Note:

The remaining items in the relay carrier are not used.

Connectors:

Item	Designation	Component
2	17-pin connector, brown (T17)	
3	17-pin connector, blue (T17e)	
4	10-pin connector, white (T10s)	
5*	17-pin connector, green (T17d)	
5**	6-pin connector, green (T6f)	
6	17-pin connector, red (T17a)	

Note:

** - Only applies to engine codes AMF, ANY, ATL, BHC*

*** - Only applies to engine codes BAD, BBY*

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Fuses:

Item	Socket colour	Designation	Fuse rating
A	red	Hydraulic pump relay fuse (S279)	20 A
C	black	ABS control unit fuse 1 (S123)	60 A

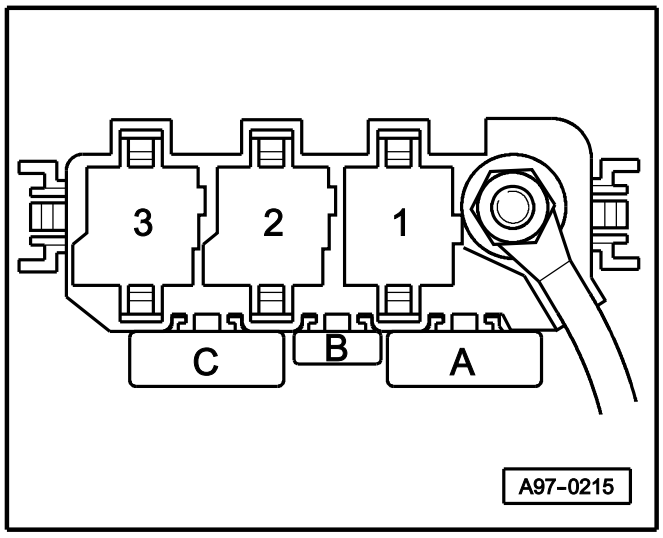

Fig. 5 Relay carrier (3-point)

- With screw connection
- In footwell, front left

Fuse colours

5 A - beige
10 A - red
30 A - green
60 A - light blue
80 A - yellow

Note:

Item 3 in relay carrier is not used.

Position of relays:

Item	Socket colour	Designation
1*	black	Terminal 30 voltage supply relay (J317)
1**	black	Motronic current supply relay (J271)
1***	black	Relay for glow plugs (J52)
2*	black	Automatic glow period control unit (J179)
2***	black	Terminal 30 voltage supply relay (J317)

Note:

* - *Only applies to engine code ATL*

** - *Only applies to engine code BAD*

*** - *Only applies to engine codes AMF, ANY, BHC*

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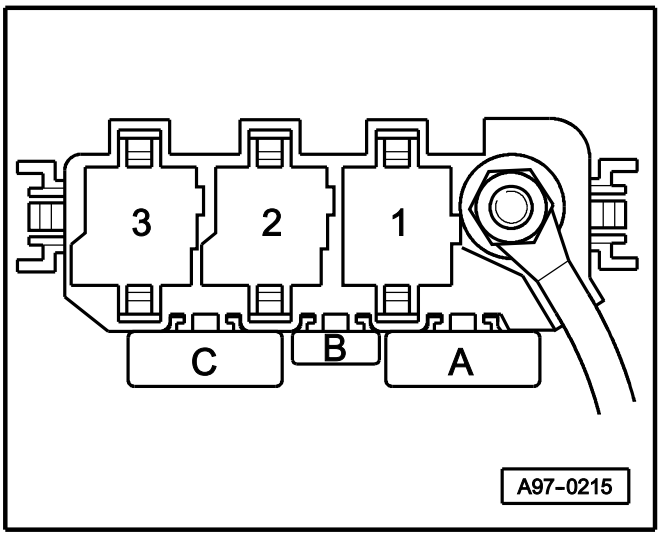

Fig. 5 Relay carrier (3-point)

- With screw connection
- In footwell, front left

Fuse colours

5 A - beige
10 A - red
30 A - green
60 A - light blue
80 A - yellow

Note:

Item 3 in relay carrier is not used.

Fuses:

Item	Socket colour	Designation	Fuse rating
A*	black	Strip fuse for glow plugs (engine) (S39)	40 A
A**	black	Engine control unit fuse (S102)	30 A
A***	black	Strip fuse for glow plugs (engine) (S39)	60 A
B*	black	Engine control unit fuse (S102)	10 A
B**	red	Air mass meter fuse (S74)	5 A
B***	black	Engine control unit fuse (S102)	10 A
C	red	Fuse -1- (30) (power steering) (S204)	80 A

Note:

* - *Only applies to engine code ATL*

** - *Only applies to engine code BAD*

*** - *Only applies to engine codes AMF, ANY, BHC*

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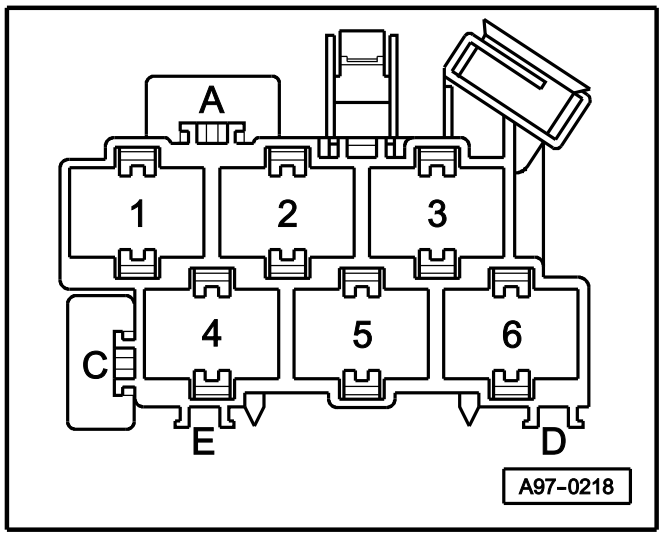

Fig. 6 Connector point, A pillar, left

♦ At A pillar, left, behind trim

Fuse colours

10 A - red

30 A - green

Note:

The remaining items in the connector point are not used.

Connectors:

Item	Designation	Component
1	10-pin connector, brown (T10e)	
2	10-pin connector, blue (T10f)	
3	17-pin connector, red (T17g)	
4	17-pin connector, white (T17f)	
5	10-pin connector, grey (T10g)	

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Fuses:

Item	Socket colour	Designation	Fuse rating
A	red	Electric window single fuse (front) (S37)	30 A
C	black	Seat adjustment fuse (lumbar support) (S45)	10 A

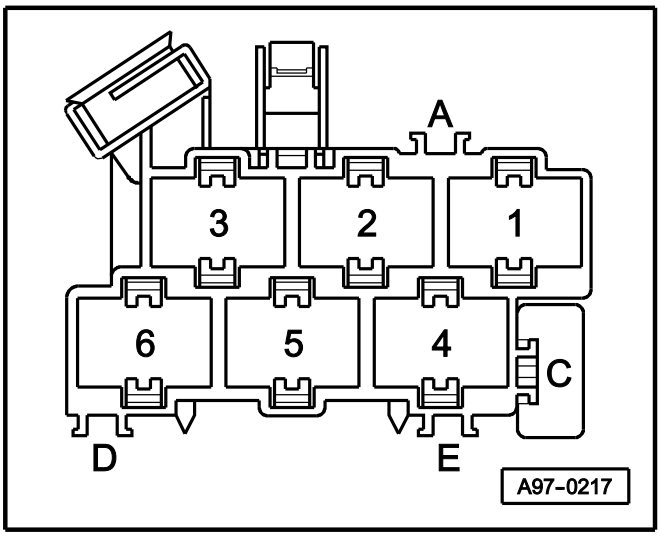

Fig. 7 Connector point, A pillar, right

♦ At A pillar, right, behind trim

Fuse colours

30 A - green

Note:

The remaining items in the connector point are not used.

Connectors:

Item	Designation	Component
1	10-pin connector, black (T10i)	
4	17-pin connector, green (T17h)	

Fuses:

Item	Socket colour	Designation	Fuse rating
C	brown	Electric window single fuse 2 (rear) (S280)	30 A

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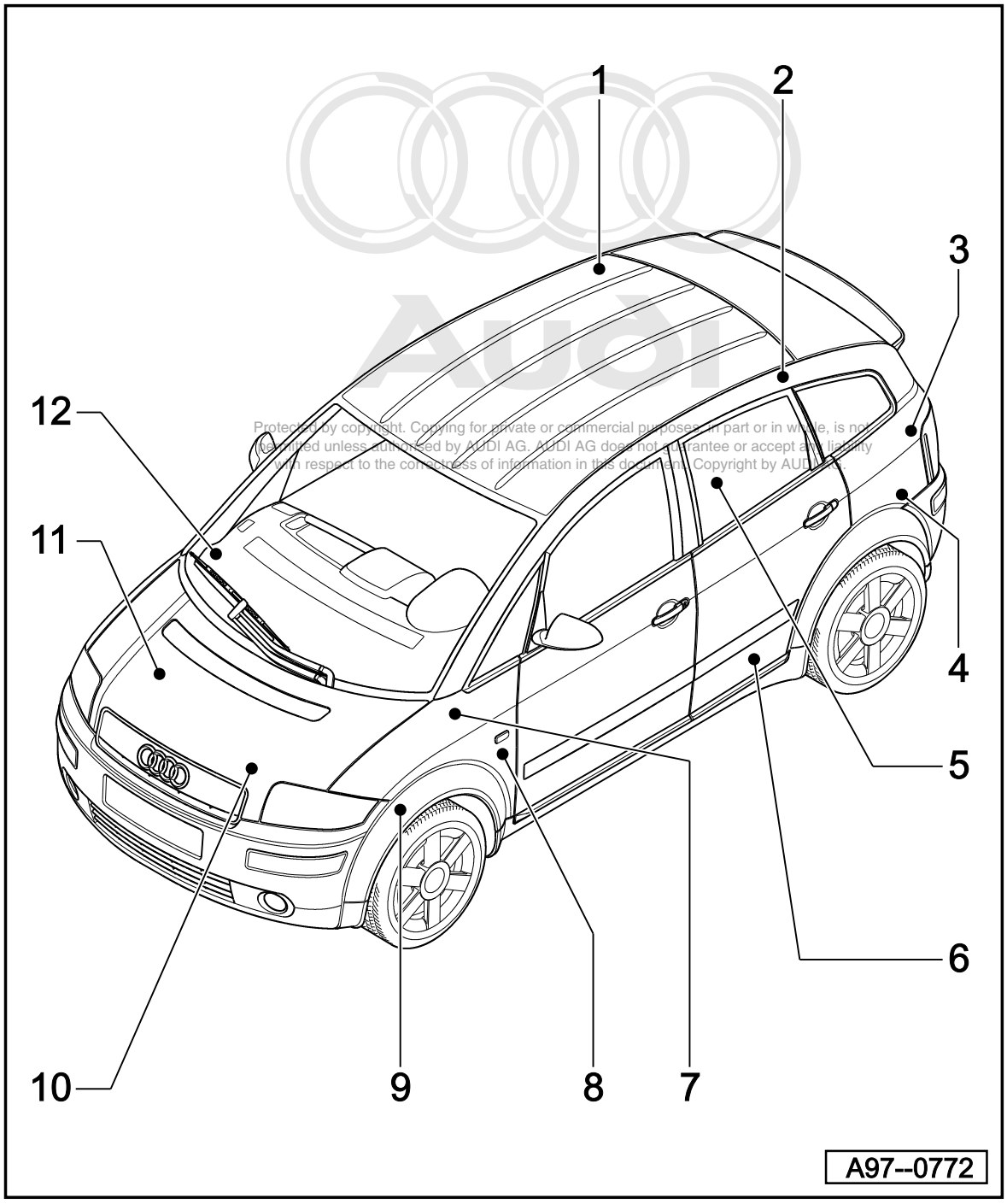
List of earth points



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1 - Earth point, C pillar, right - 62

2 - Earth point, C pillar, left - 61

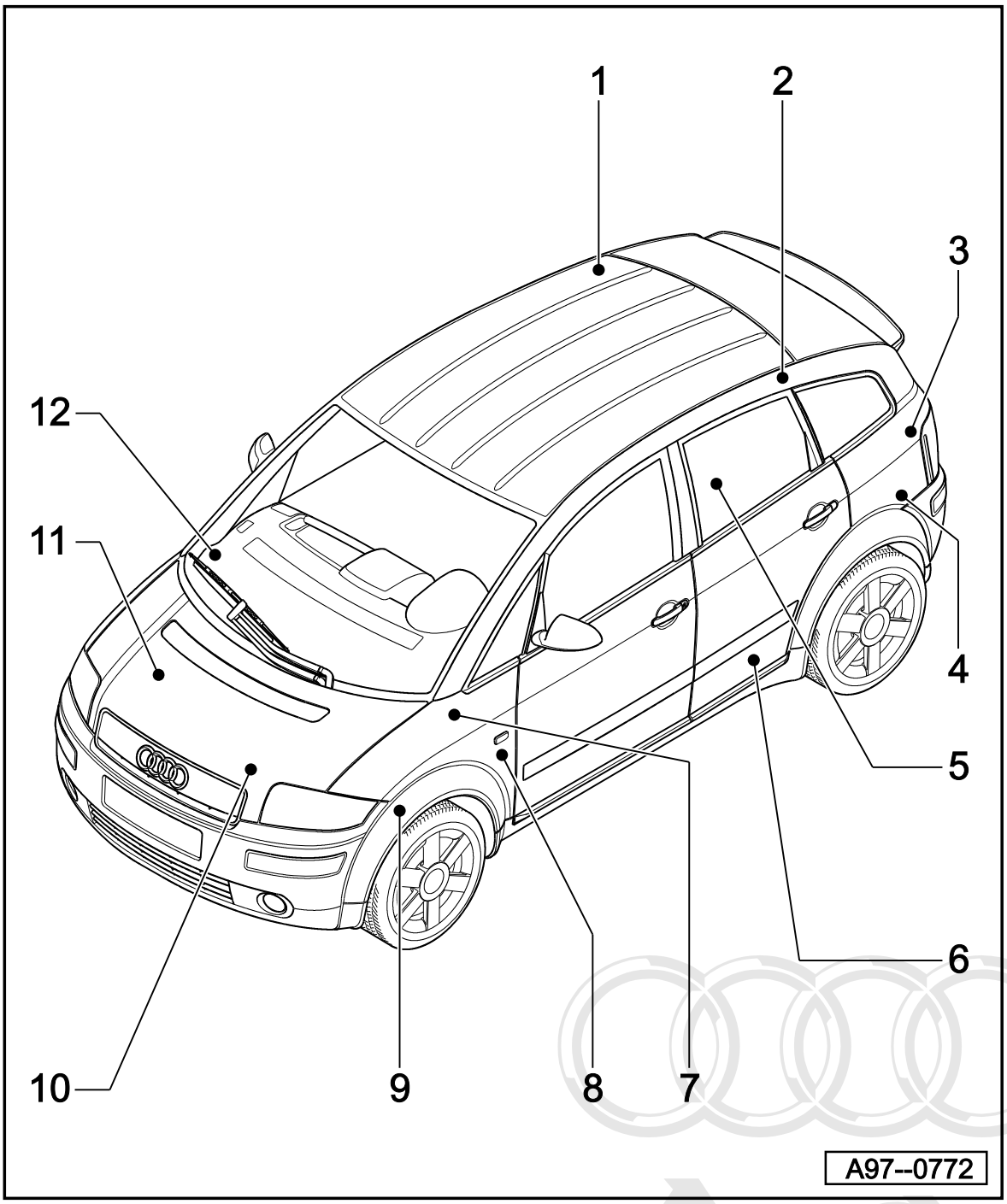
3 - Earth point, in tailgate, left - 52

4 - Earth point, luggage compartment, left - 50

∗ - From chassis number 20000 onwards no longer fitted

5 - Earth point, in battery box - 11

6 - Earth point, left longitudinal member, rear - 65



7 - Earth point, left A pillar, top - 639

8 - Earth point, lower part of left A pillar - 44

9 - Earth point, in engine compartment, left - 12

10 - Earth point, engine/gearbox earth - 652

11 - Earth point, near ignition coil - 19
∗ - Only applies to models with 1.6 litre FSI engine (BAD) and 1.4 litre MPI engine (BBY)

12 - Earth point, lower part of right A pillar - 43

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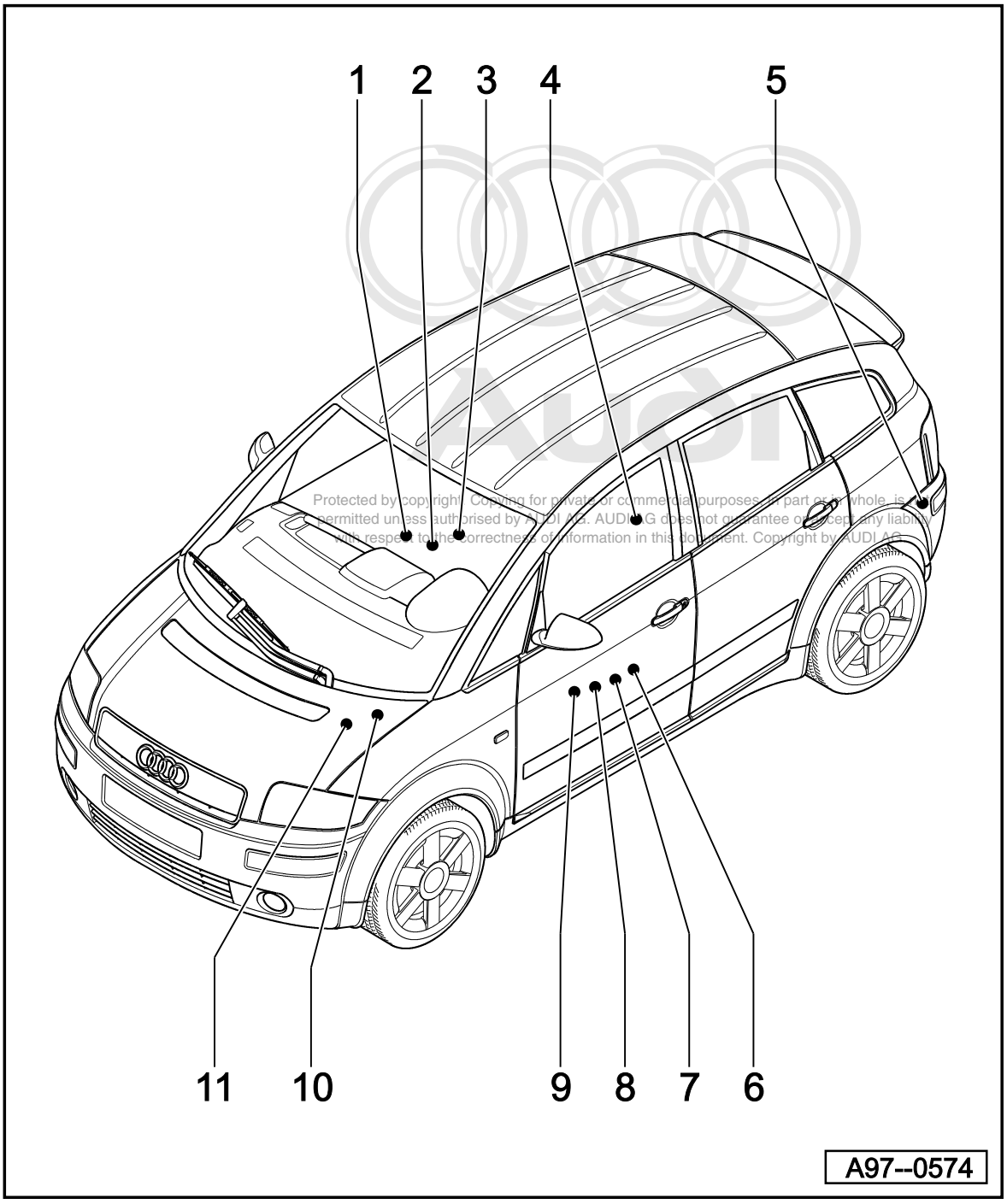
Fitting locations of individual control units



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Fitting locations overview

1 - Handbrake warning lamp control unit - J534
♦ ⇒ Fig. 1, page 3/3

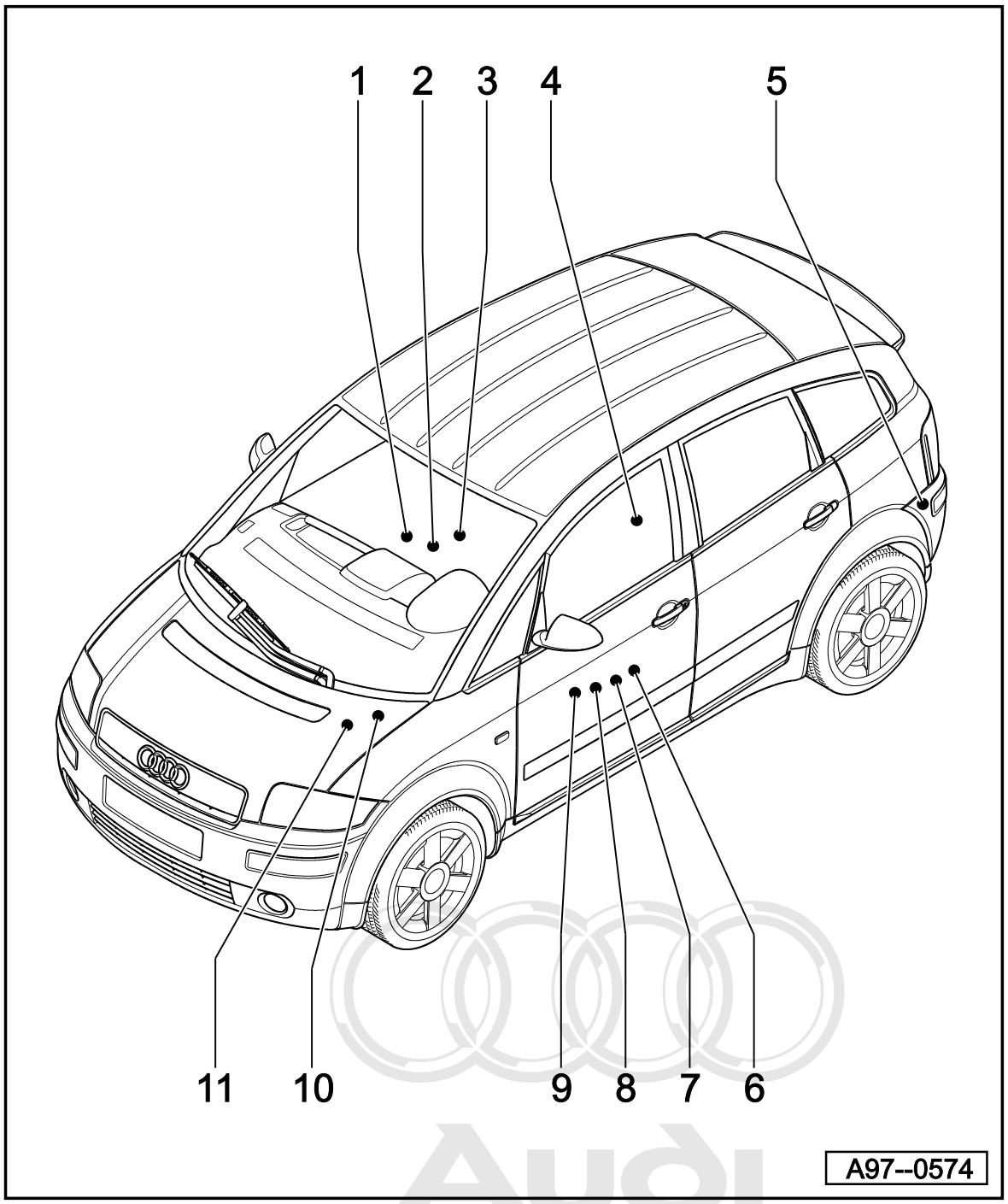
2 - Control and display unit for air conditioner/Climatronic - E87
♦ ⇒ Fig. 2, page 3/3

3 - Airbag control unit - J234
♦ ⇒ Fig. 3, page 3/3

4 - Voltage stabilisers - J532, J570
♦ ⇒ Fig. 4, page 3/4

5 - Parking aid control unit - J446
♦ ⇒ Fig. 5, page 3/4

6 - Convenience system central control unit - J393
♦ ⇒ Fig. 6, page 3/4



7 - Engine control unit - J220, J248, J537
♦ ⇒ Fig. 7, page 3/5

8 - Electronic manual gearbox control unit - J514
♦ ⇒ Fig. 8, page 3/5

9 - NOx sensor control unit - J583
♦ ⇒ Fig. 9, page 3/5

10 - Power steering control unit - J500
♦ ⇒ Fig. 10, page 3/6

11 - ABS with EDL control unit - J104
♦ ⇒ Fig. 11, page 3/6

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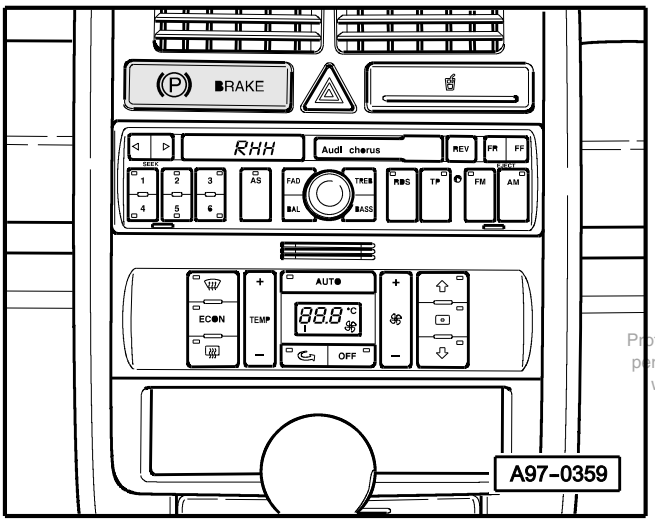

Fig. 1 Handbrake warning lamp control unit - J534

♦ In centre console

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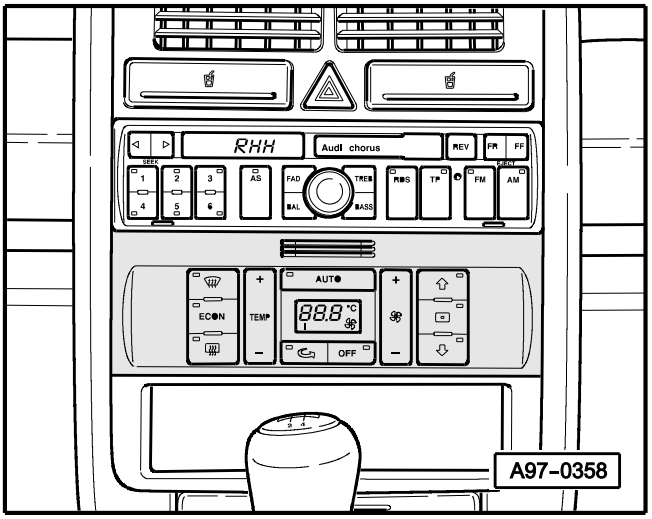

Fig. 2 Control and display unit for air conditioner/Climatronic - E87

♦ In centre console

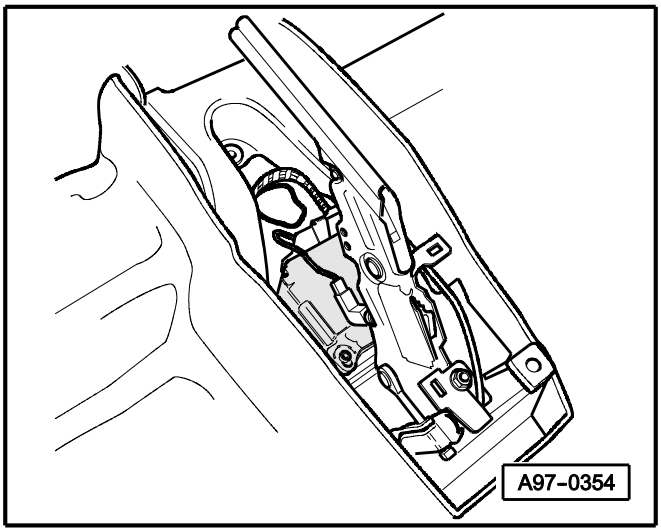

Fig. 3 Airbag control unit - J234

♦ In centre console

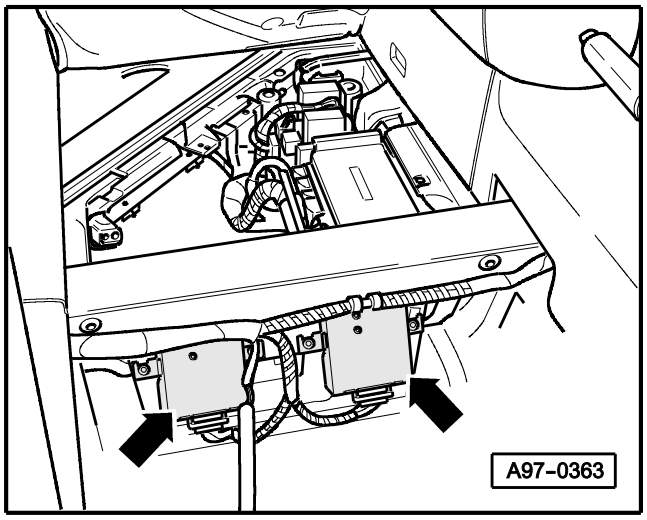

Fig. 4 Voltage stabilisers - J532, J570

♦ Under front left seat

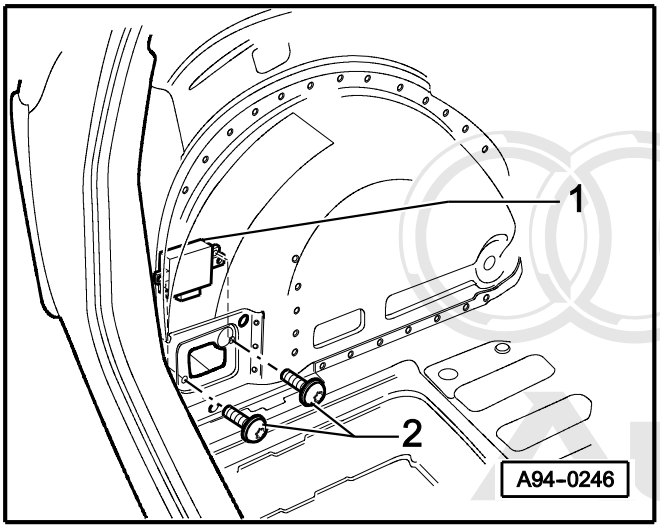

Fig. 5 Parking aid control unit - J446

♦ Behind left luggage compartment trim

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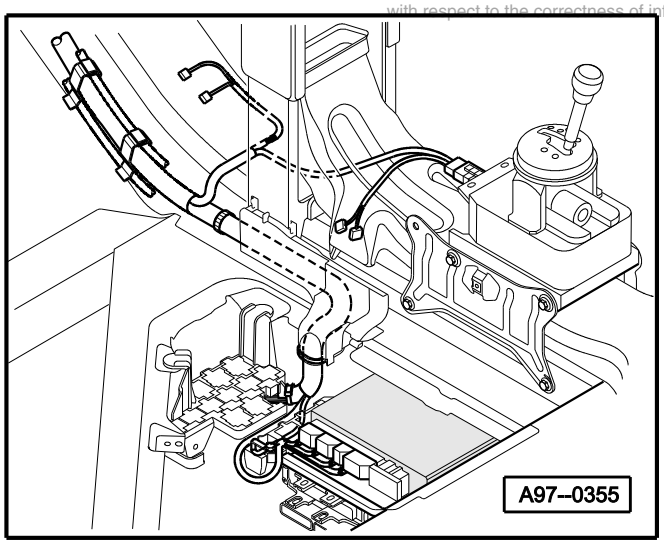

Fig. 6 Convenience system central control unit - J393

♦ Under front left seat, in intermediate floor panel

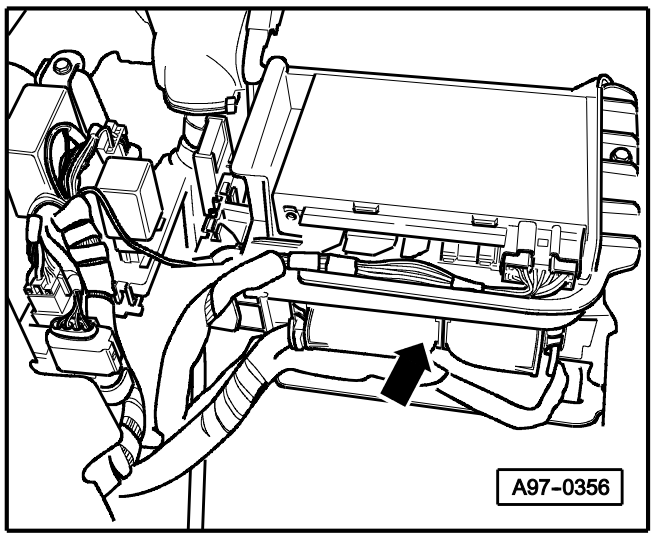

Fig. 7 Engine control unit - J220, J248, J537

♦ Under front left seat, in intermediate floor panel

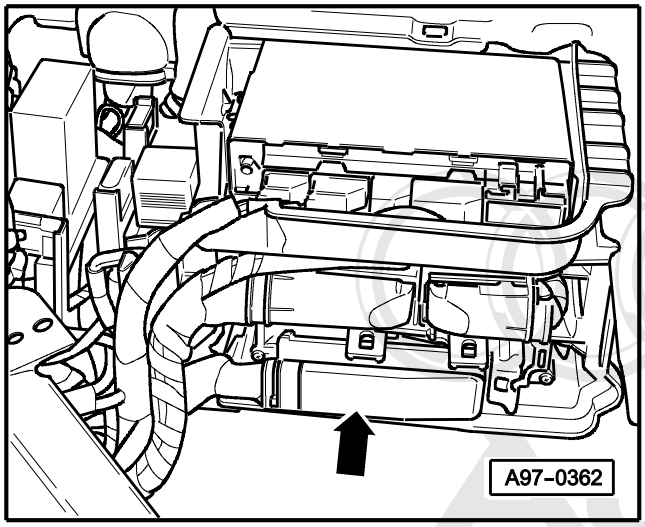

Fig. 8 Electronic manual gearbox control unit - J514

♦ Under front left seat, in intermediate floor panel

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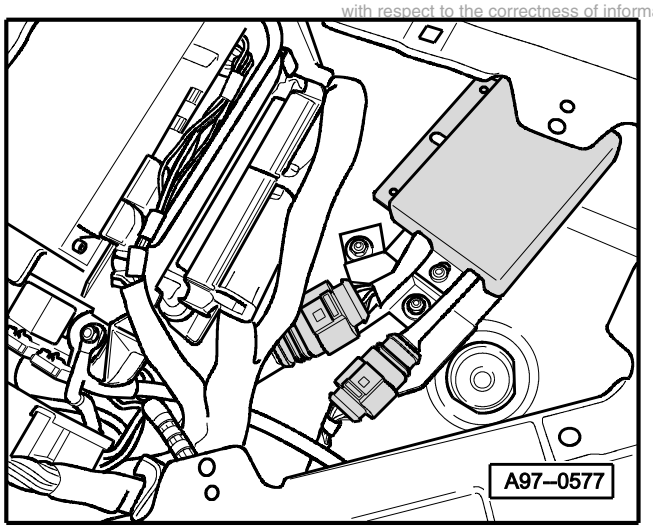

Fig. 9 NOx sensor control unit - J583

♦ Under front left seat, in intermediate floor panel

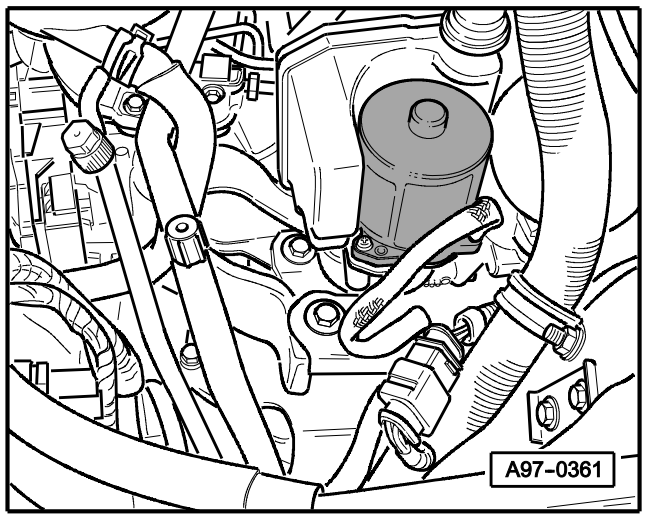

Fig. 10 Power steering control unit - J500

- In engine compartment, integrated in pump

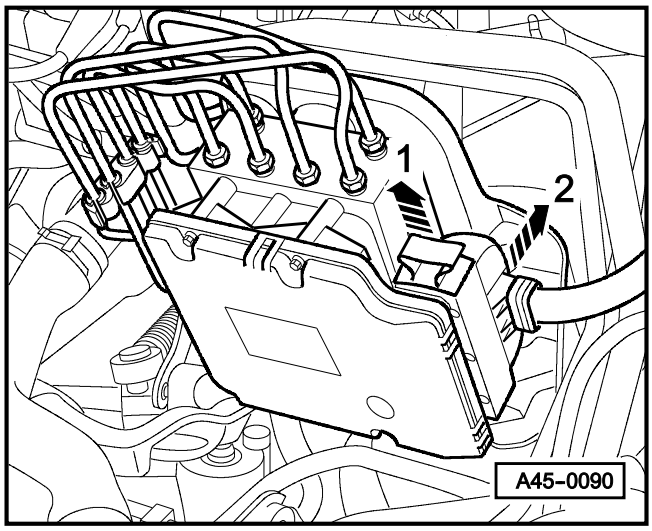

Fig. 11 ABS with EDL control unit - J104

- In engine compartment, on ABS hydraulic unit

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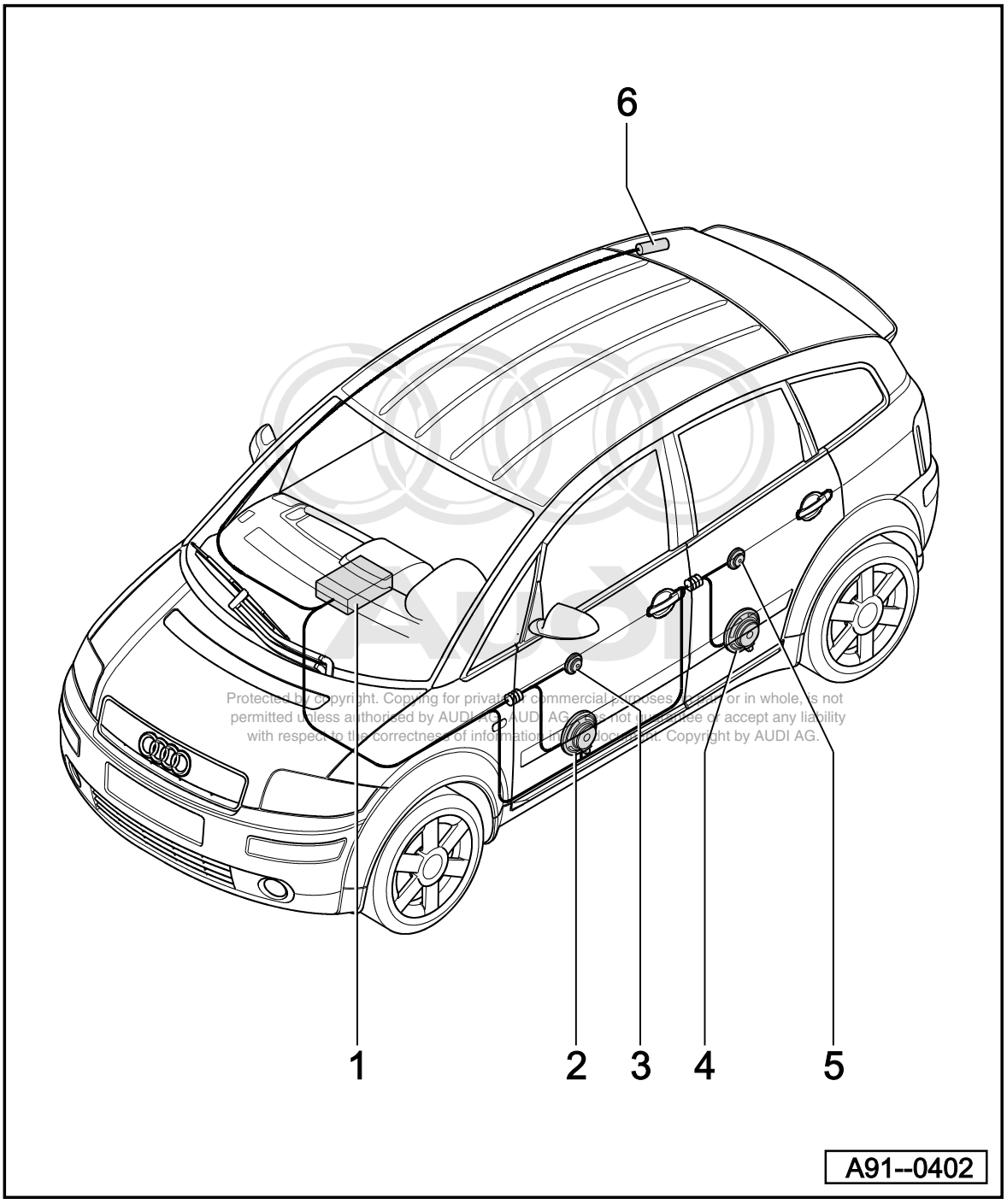
Components for radio sound system Chorus



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Fitting locations overview

1 - Radio - R
- ♦ ⇒ Fig. 1, page 4/2

2 - Bass loudspeaker - R21, R23
- ♦ ⇒ Fig. 2, page 4/2

3 - Middle-high tone loudspeaker
- ♦ ⇒ Fig. 3, page 4/2

4 - Bass loudspeaker - R15, R17
- ♦ ⇒ Fig. 4, page 4/3

5 - Middle-treble tone loudspeaker - R34, R35
- ♦ ⇒ Fig. 5, page 4/3

6 - Aerial amplifier - R24
- ♦ ⇒ Fig. 6, page 4/3

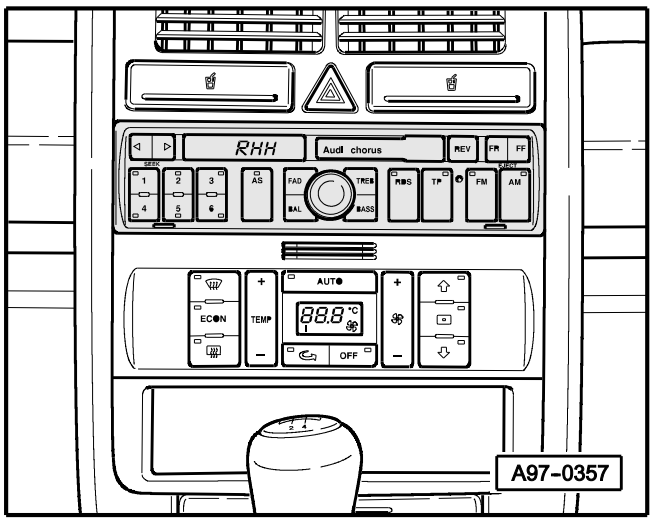

Fig. 1 Radio - R

♦ In centre console

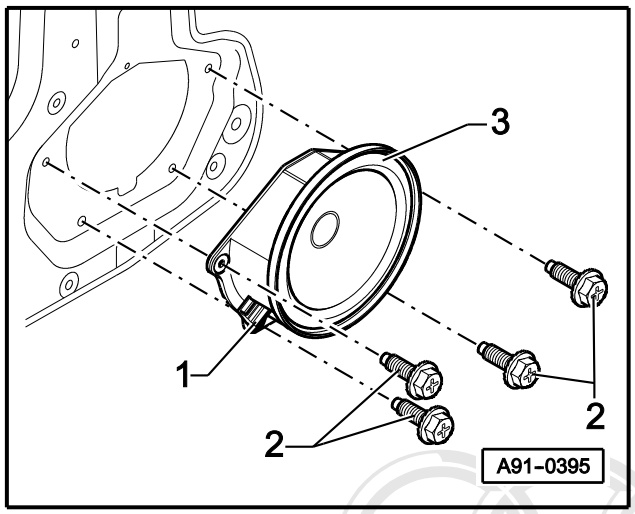

Fig. 2 Bass loudspeaker - R21, R23

♦ Behind front door trim, bottom

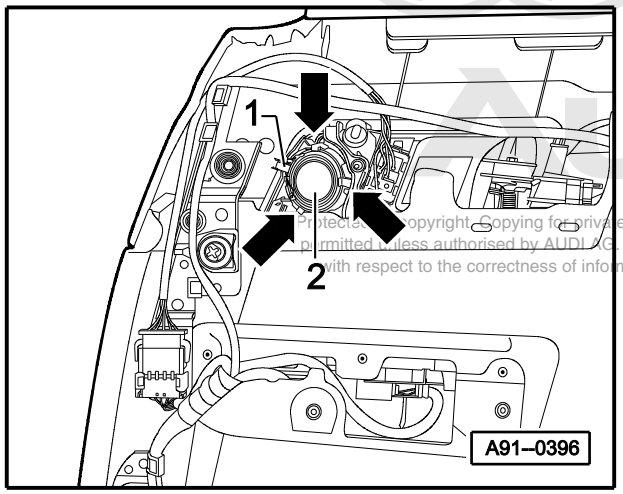

Fig. 3 Middle-high tone loudspeaker - R26, R27

♦ In front door trim, top

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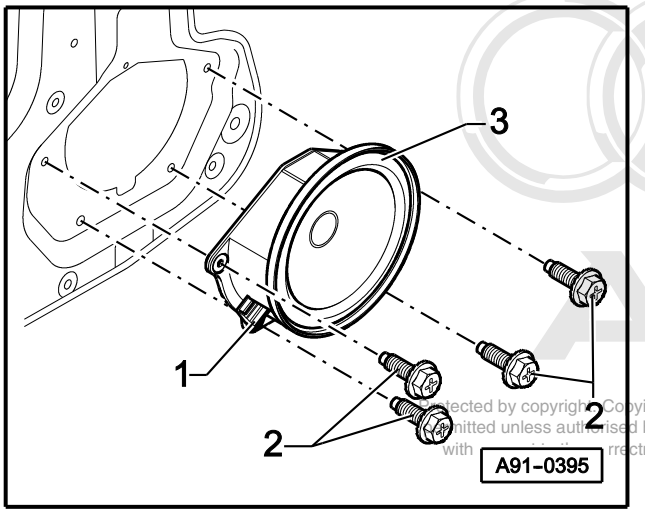

Fig. 4 Bass loudspeaker - R15, R17

♦ Behind rear door trim, bottom

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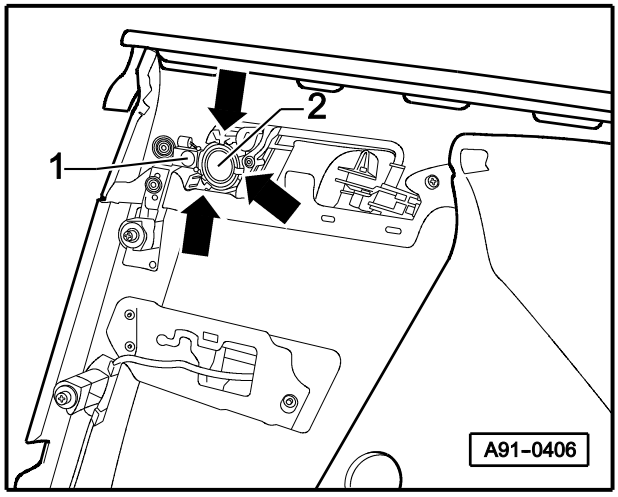


Fig. 5 Mid-range/treble loudspeaker - R34, R35

♦ In rear door trim, top

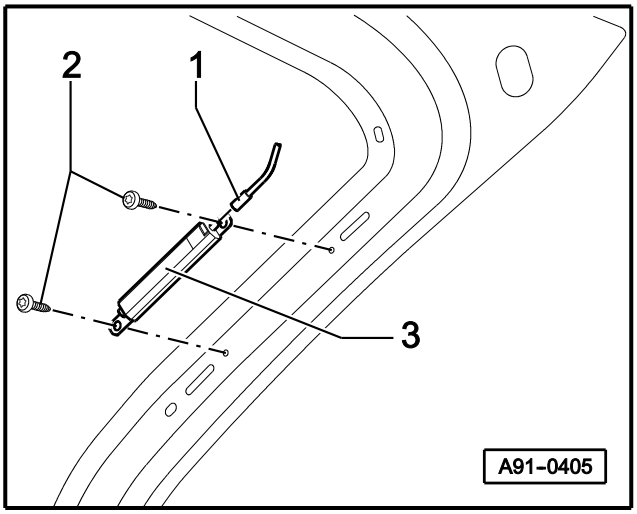
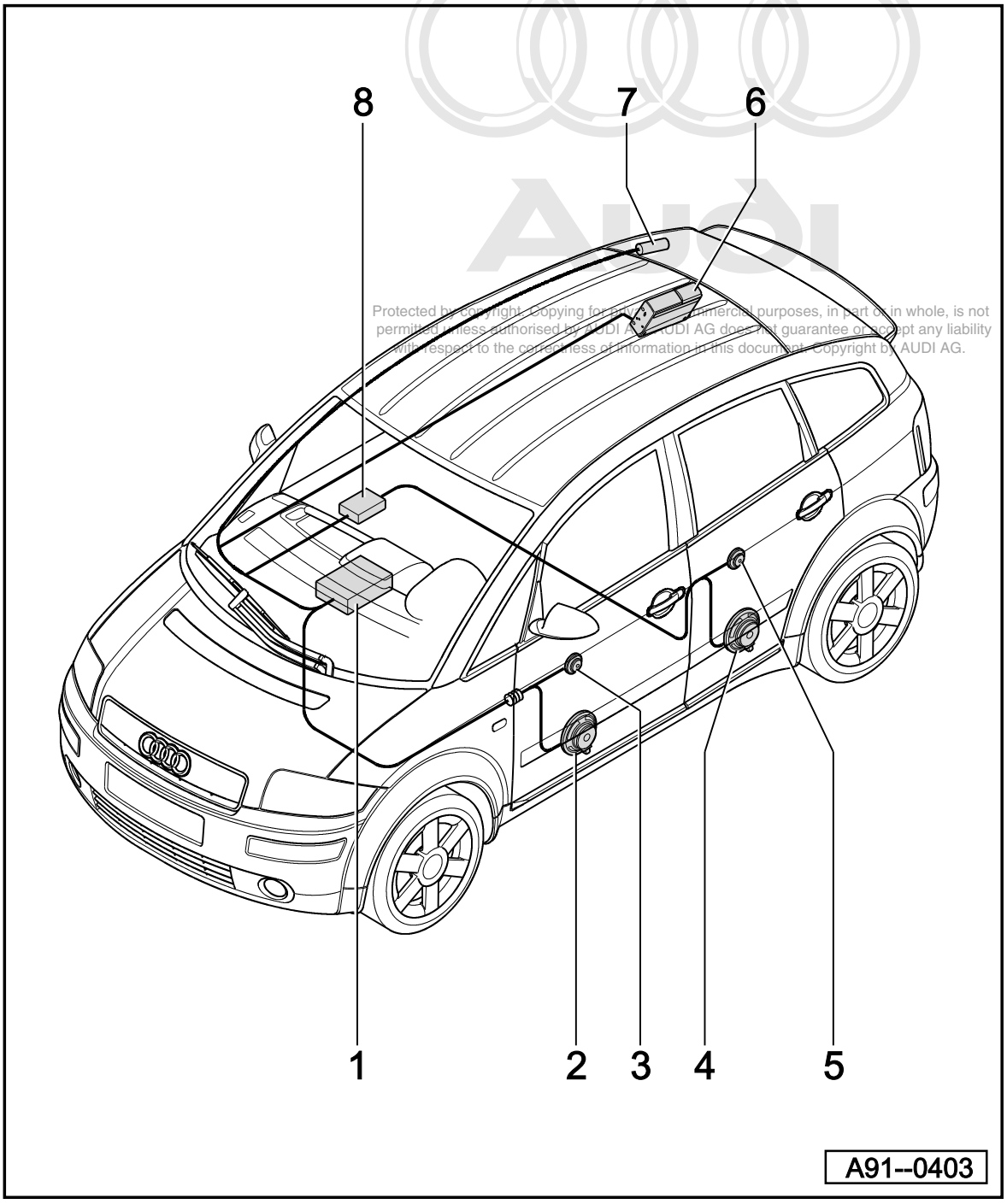


Fig. 6 Aerial amplifier - R24

♦ In tailgate, top right, behind trim

Components for radio sound system Concert



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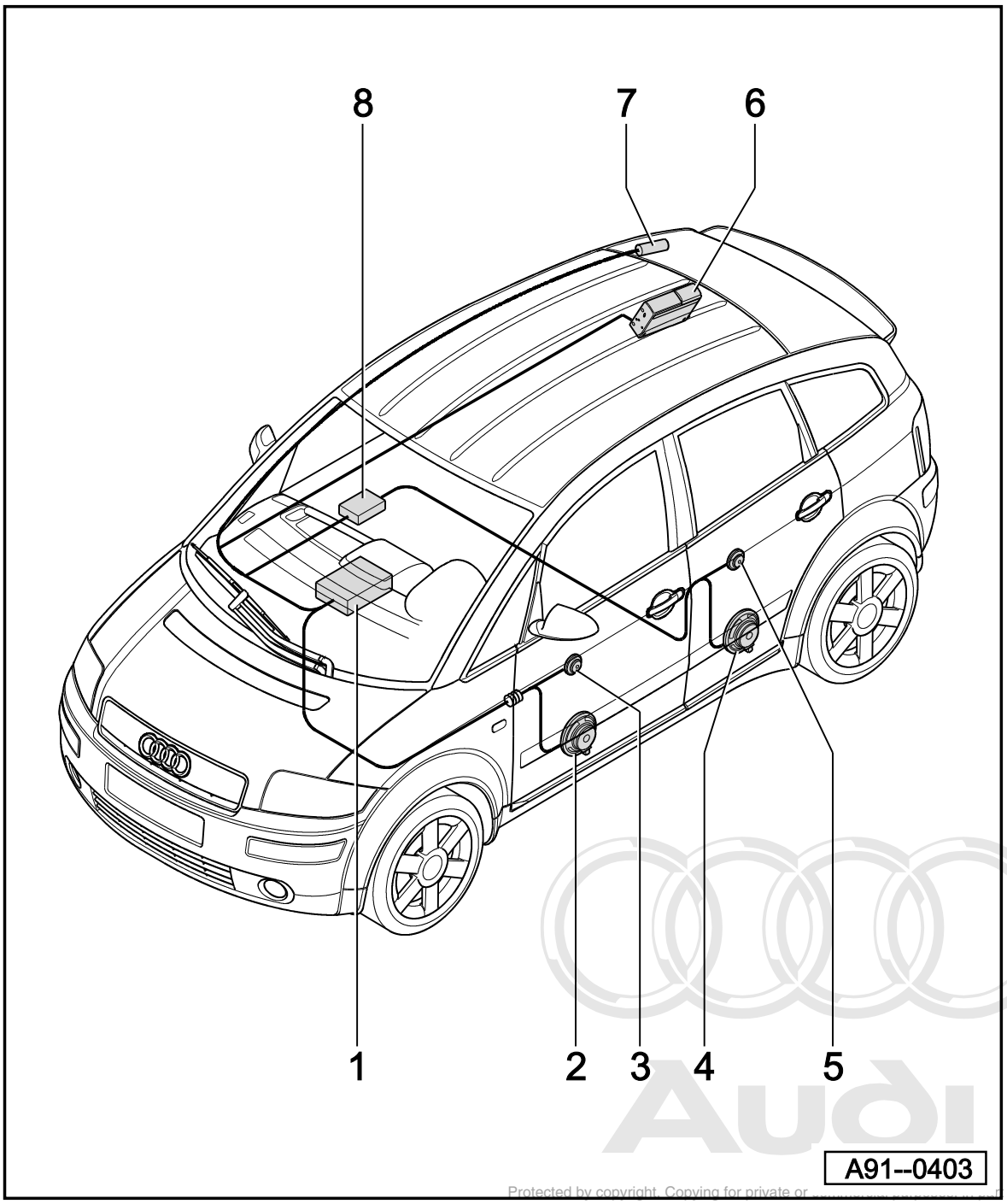
Fitting locations overview

1 - Radio - R
♦ ⇒ Fig. 1, page 5/3

2 - Bass loudspeaker - R21, R23
♦ ⇒ Fig. 2, page 5/3

3 - Middle-high tone loudspeaker - R26, R27
♦ ⇒ Fig. 3, page 5/3

4 - Bass loudspeaker - R15, R17
♦ ⇒ Fig. 4, page 5/4



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5 - Middle-treble tone loudspeaker - R34, R35
♦ ⇒ Fig. 5, page 5/4

6 - CD changer - R41
♦ ⇒ Fig. 6, page 5/4

7 - Aerial amplifier - R24
♦ ⇒ Fig. 7, page 5/5

8 - Amplifier - R12
♦ ⇒ Fig. 8, page 5/5

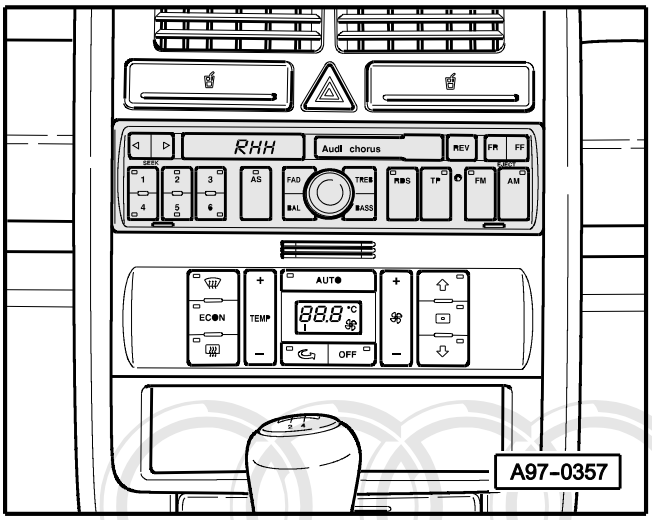

Fig. 1 Radio - R

♦ In centre console

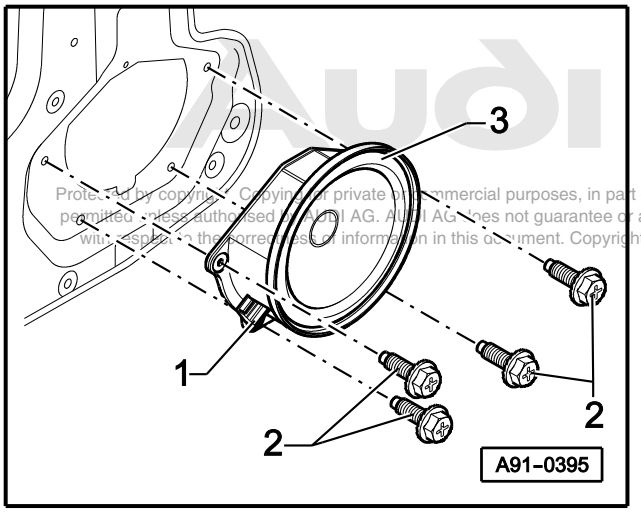

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Fig. 2 Bass loudspeaker - R21, R23

♦ Behind front door trim, bottom

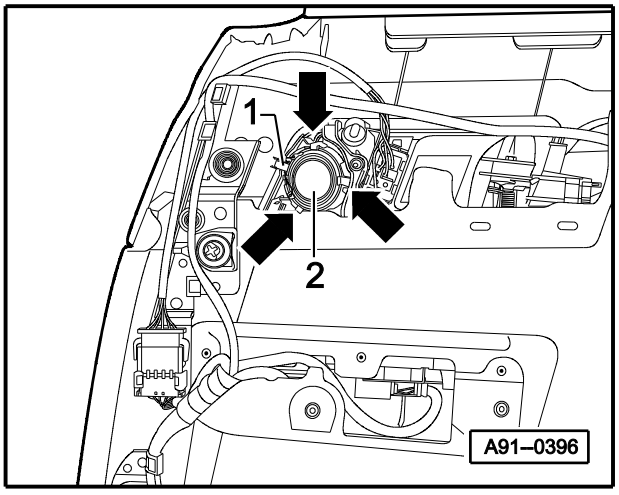

Fig. 3 Middle-high tone loudspeaker - R26, R27

♦ In front door trim, top

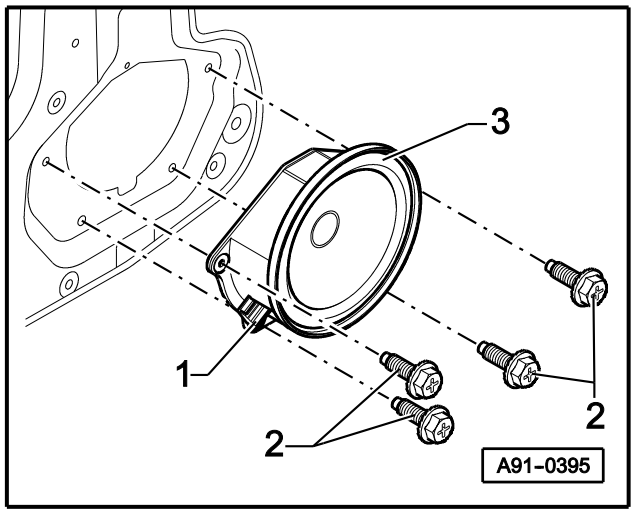

Fig. 4 Bass loudspeaker - R15, R17

♦ Behind rear door trim, bottom

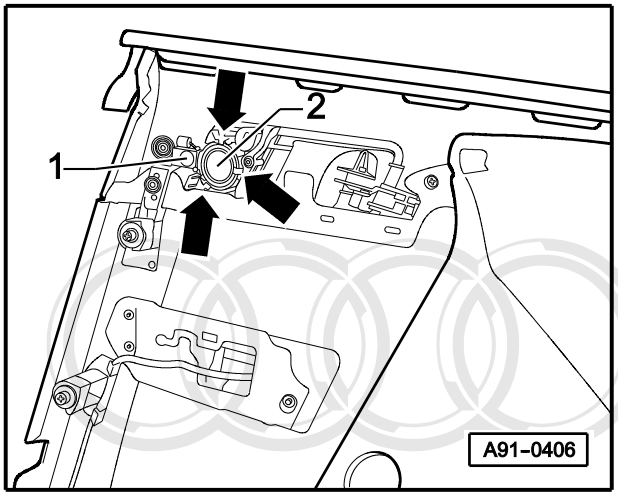

Fig. 5 Middle-treble tone loudspeaker - R34, R35

♦ In rear door trim, top

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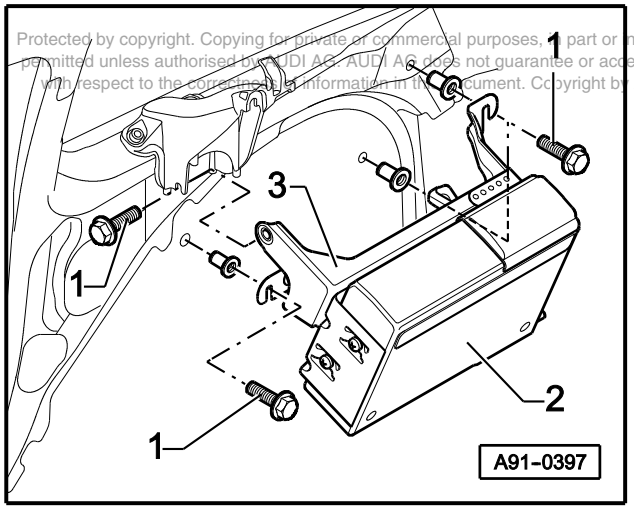

Fig. 6 CD changer - R41

♦ In luggage compartment, right

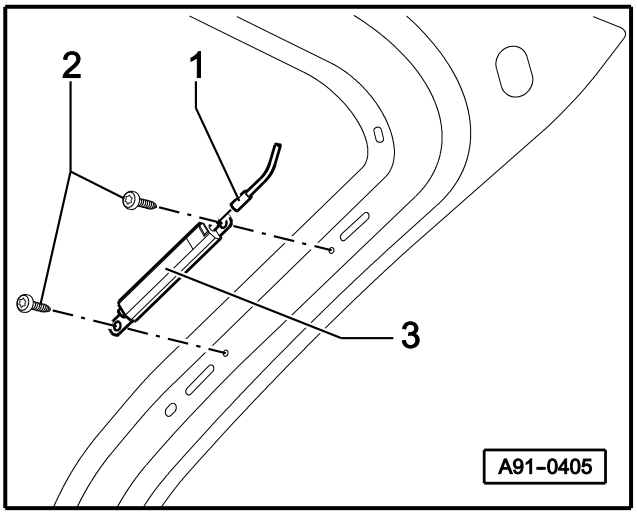

Fig. 7 Aerial amplifier - R24

- In tailgate, top right, behind trim

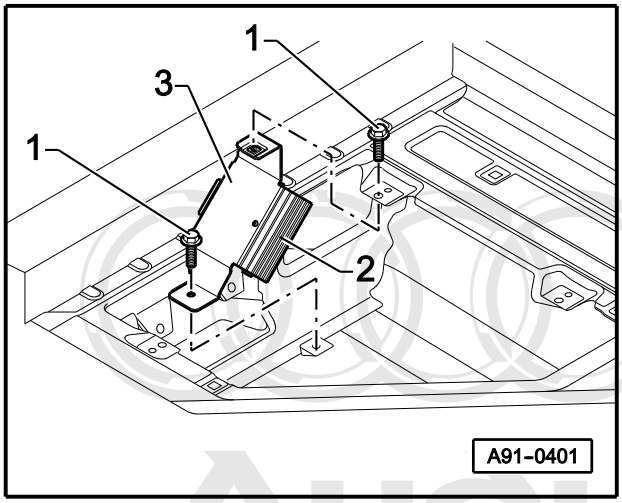

Fig. 8 Amplifier - R12

- Under front right seat, in intermediate floor panel

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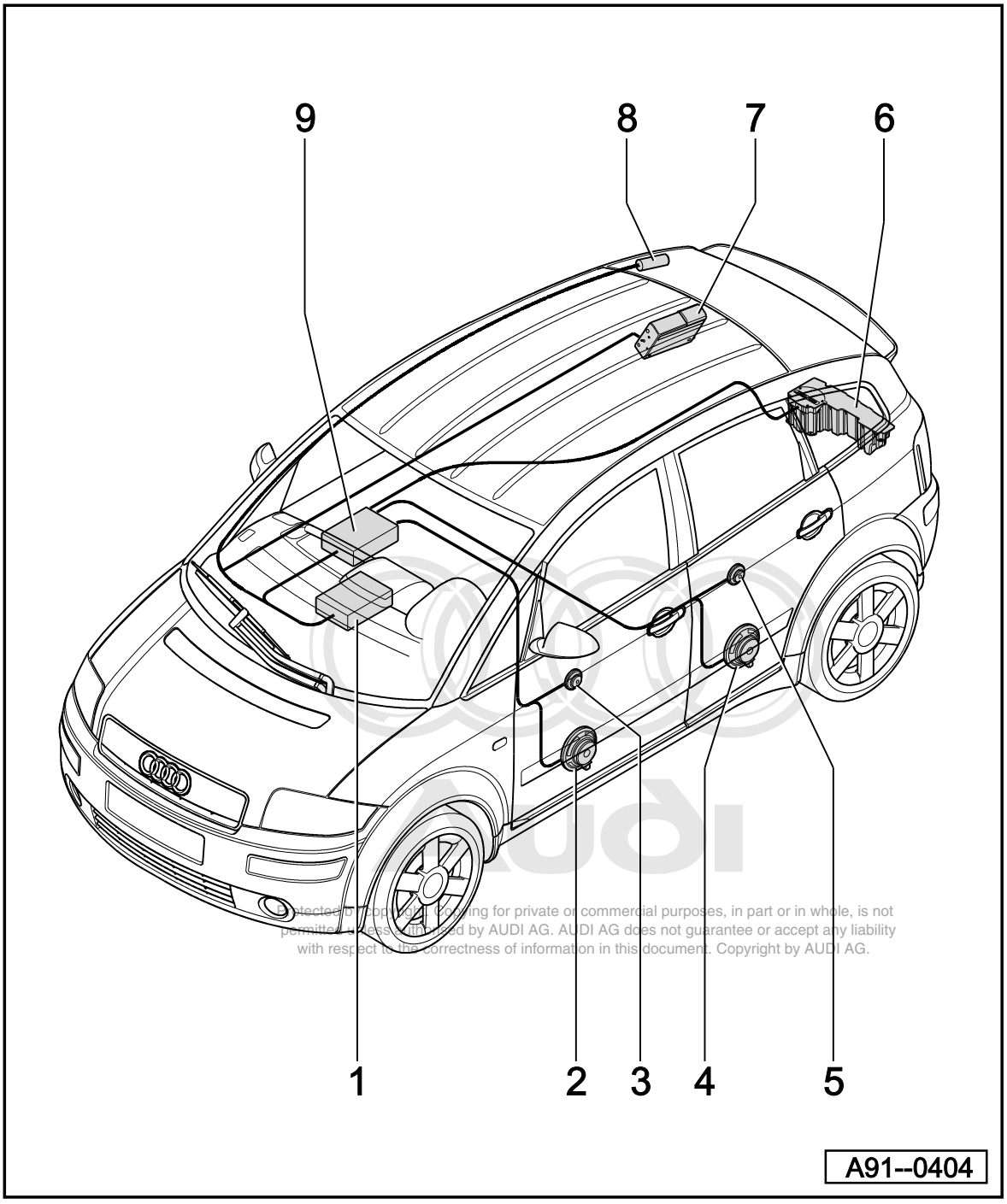
Components for radio sound system Concert with Bose sound system



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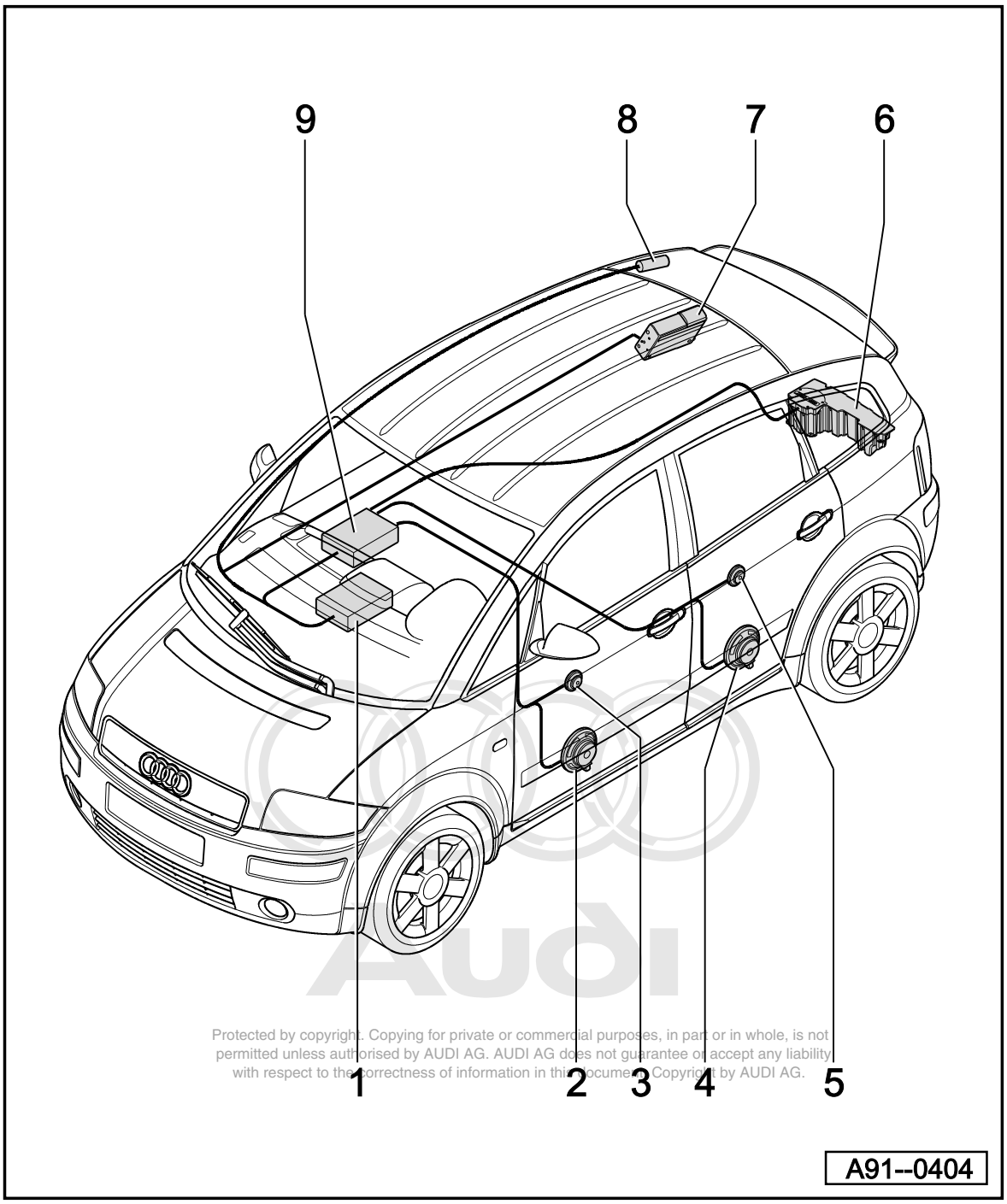
Fitting locations overview

1 - Radio - R
- ♦ ⇒ Fig. 1, page 6/3

2 - Bass loudspeaker - R21, R23
- ♦ ⇒ Fig. 2, page 6/3

3 - Middle-high tone loudspeaker - R26, R27
- ♦ ⇒ Fig. 3, page 6/3

4 - Bass loudspeaker - R15, R17
- ♦ ⇒ Fig. 4, page 6/4



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5 - Middle-treble tone loudspeaker - R34, R35
♦ ⇒ Fig. 5, page 6/4

6 - Bass loudspeaker (subwoofer) - R100
♦ ⇒ Fig. 6, page 6/4

7 - CD changer - R41
♦ ⇒ Fig. 7, page 6/5

8 - Aerial amplifier - R24
♦ ⇒ Fig. 8, page 6/5

9 - Amplifier - R12
♦ ⇒ Fig. 9, page 6/5

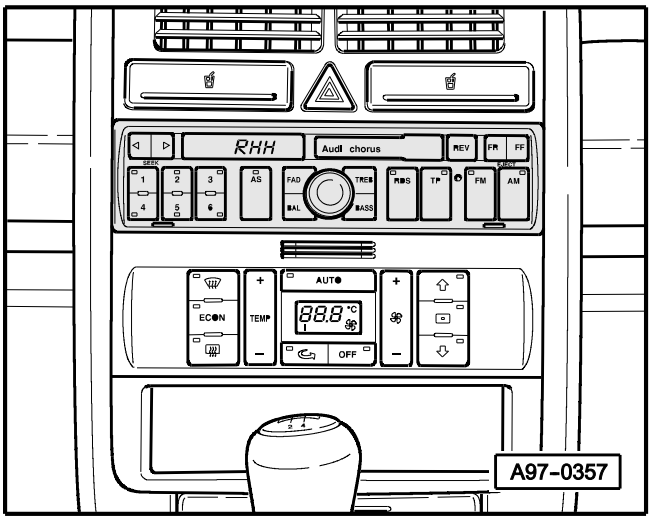

Fig. 1 Radio - R

♦ In centre console

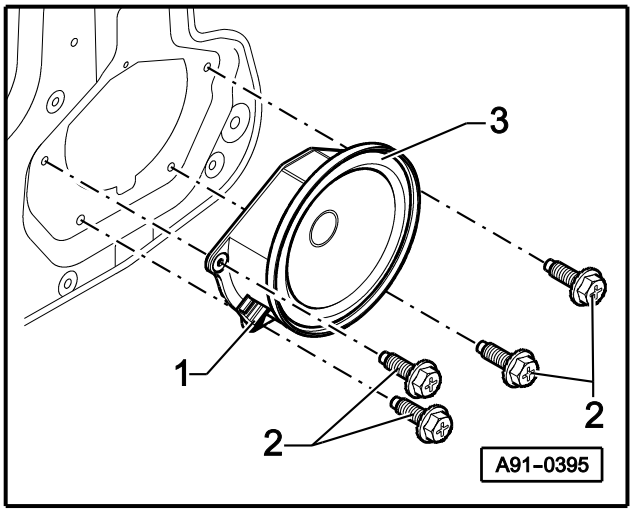

Fig. 2 Bass loudspeaker - R21, R23

♦ Behind front door trim, bottom

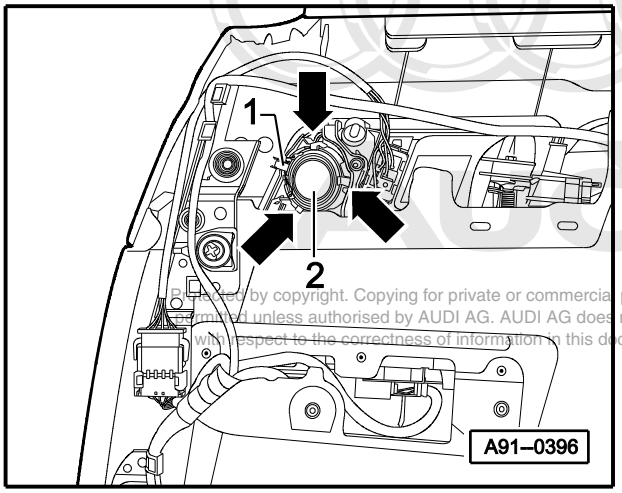

Fig. 3 Middle-high tone loudspeaker - R26, R27

♦ In front door trim, top

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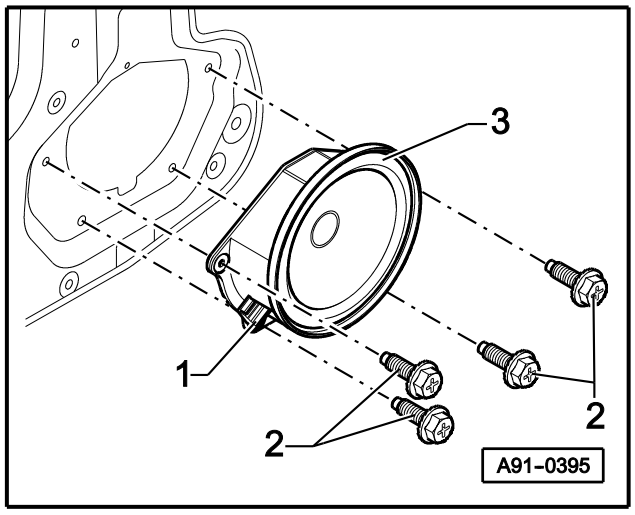

Fig. 4 Bass loudspeaker - R15, R17

♦ Behind rear door trim, bottom

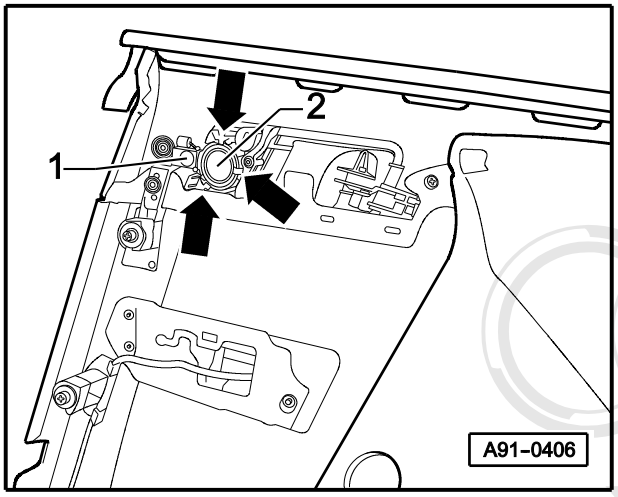

Fig. 5 Middle-treble tone loudspeaker - R34, R35

♦ In rear door trim, top

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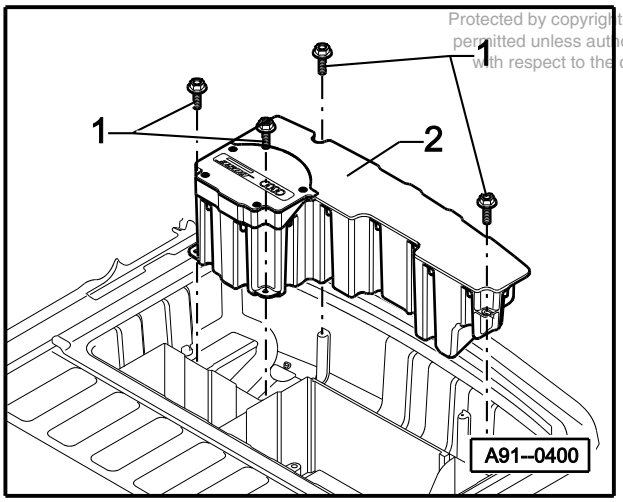

Fig. 6 Bass loudspeaker (subwoofer) - R100

♦ In luggage compartment, in intermediate floor panel

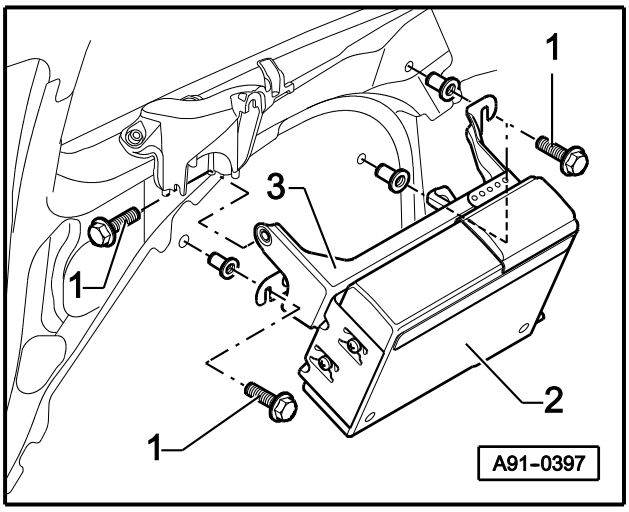

Fig. 7 CD changer - R41

- In luggage compartment, right

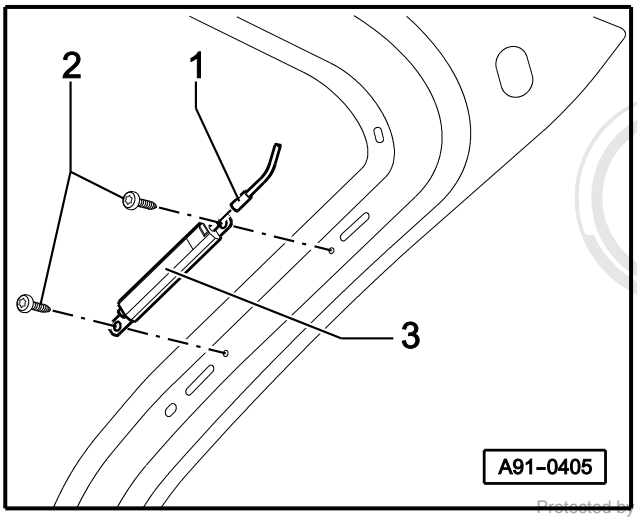

Fig. 8 Aerial amplifier - R24

- In tailgate, top right, behind trim

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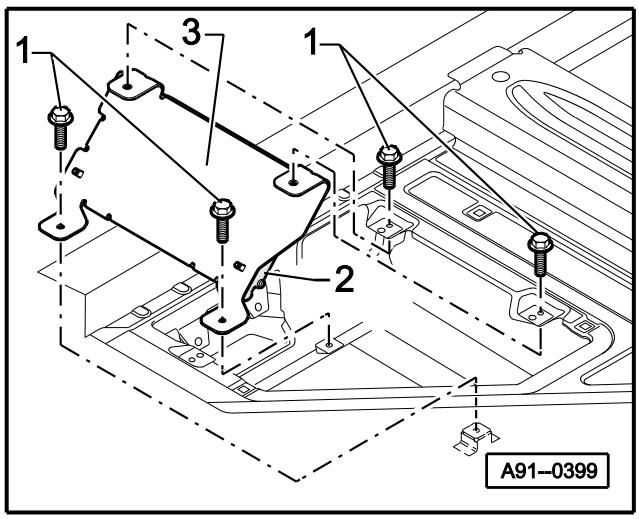
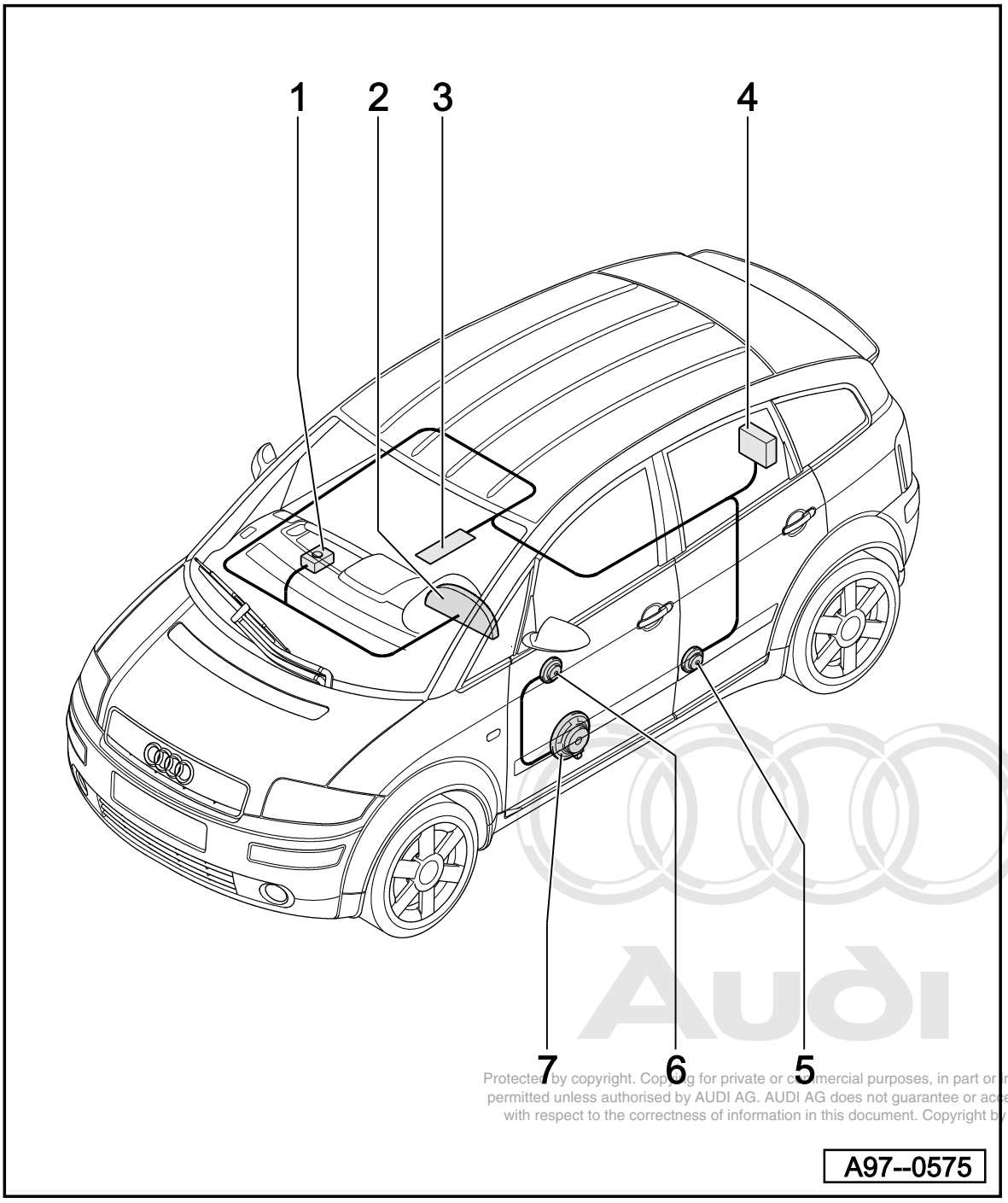


Fig. 9 Amplifier - R12

- Under front right seat, in intermediate floor panel

Components for navigation system ”NS Low” (7Q9)



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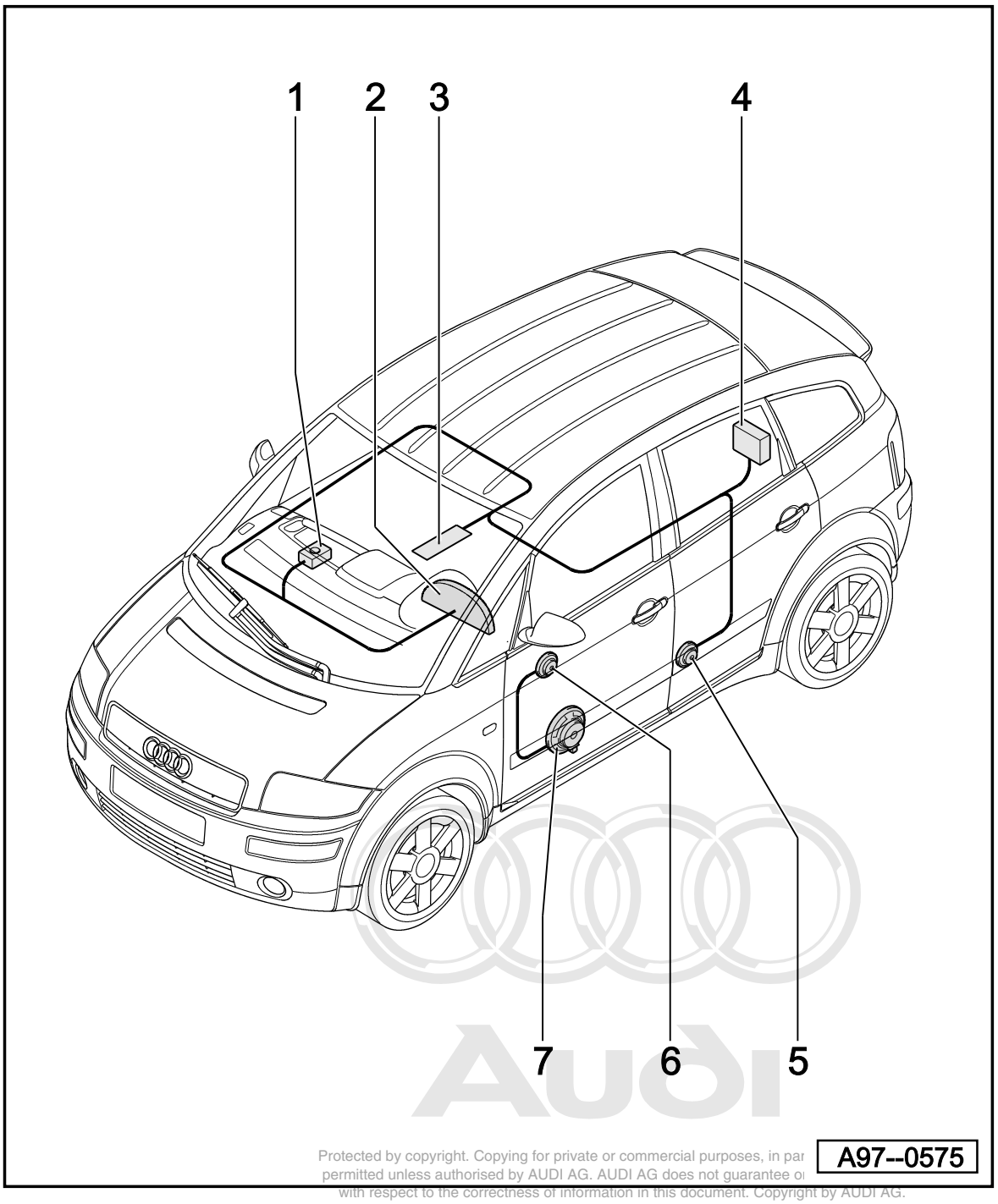
Fitting locations overview

1 - Navigation aerial (GPS) - R50
♦ ⇒ Fig. 1, page 7/3

2 - Control unit with display in dash panel insert - J285
♦ ⇒ Fig. 2, page 7/3

3 - Function selection switch II - E272
♦ ⇒ Fig. 3, page 7/3

4 - Navigation system with CD drive control unit - J401
♦ ⇒ Fig. 4, page 7/4



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5 - Telephone/navigation systems loudspeaker - R39
♦ ⇒ Fig. 5, page 7/4

6 - Middle-high tone loudspeaker - R26, R27
♦ ⇒ Fig. 6, page 7/4

7 - Bass loudspeaker - R15, R17
♦ ⇒ Fig. 7, page 7/5

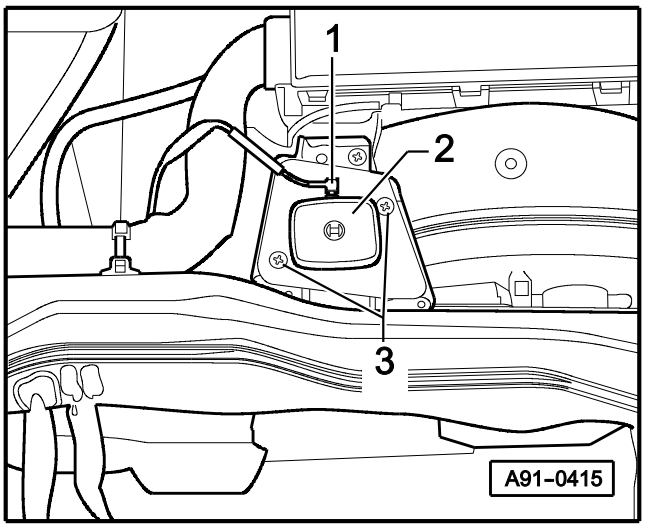

Fig. 1 Navigation aerial (GPS) - R50

♦ Under dash panel, right

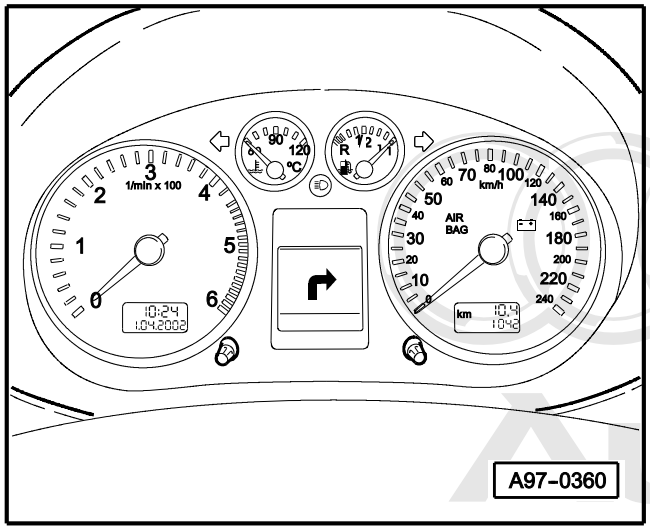

Fig. 2 Control unit with display in dash panel insert - J285

♦ In dash panel

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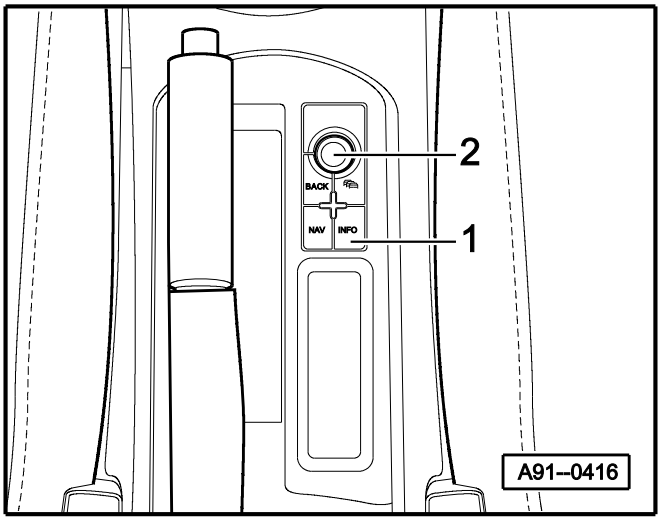

Fig. 3 Function selection switch II - E272

♦ In centre console, next to handbrake lever

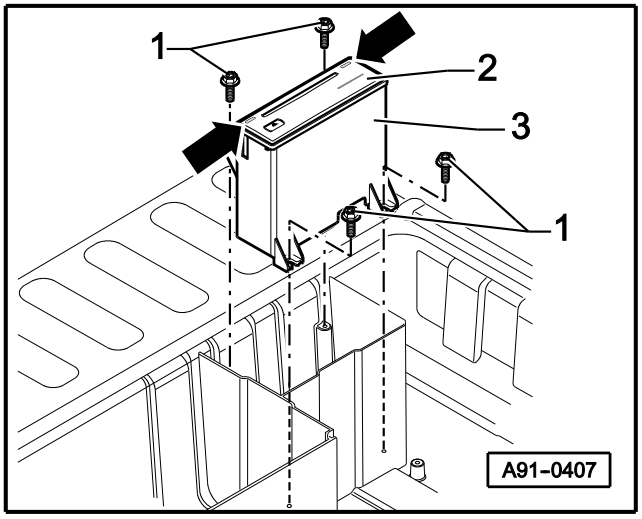

Fig. 4 Navigation system with CD drive control unit - J401

♦ In luggage compartment recess

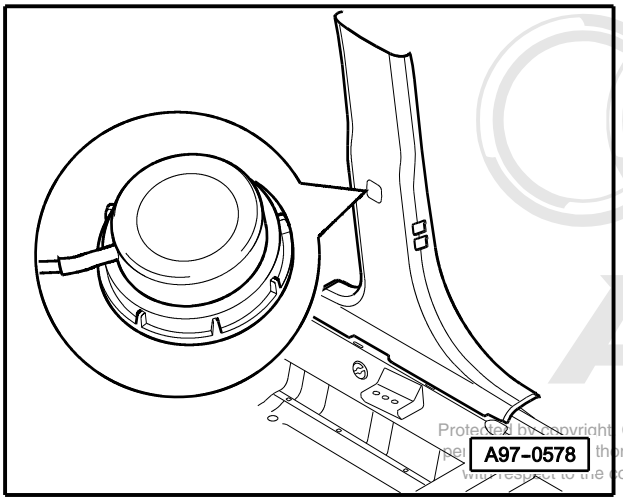

Fig. 5 Telephone/navigation systems loudspeaker - R39

♦ In left B pillar trim

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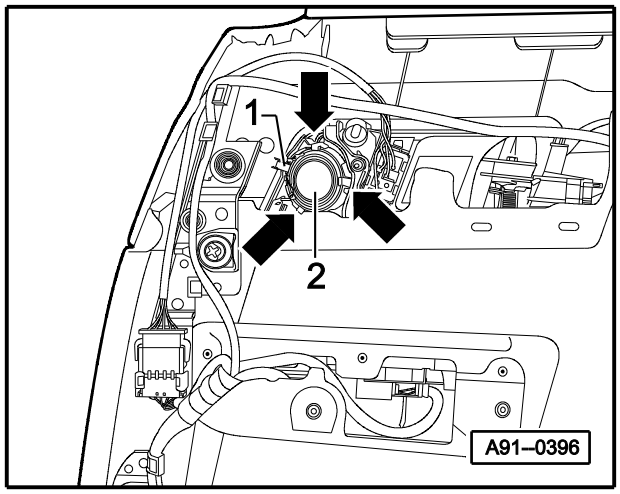

Fig. 6 Mid-range/treble loudspeaker - R26, R27

♦ In front door trim, top

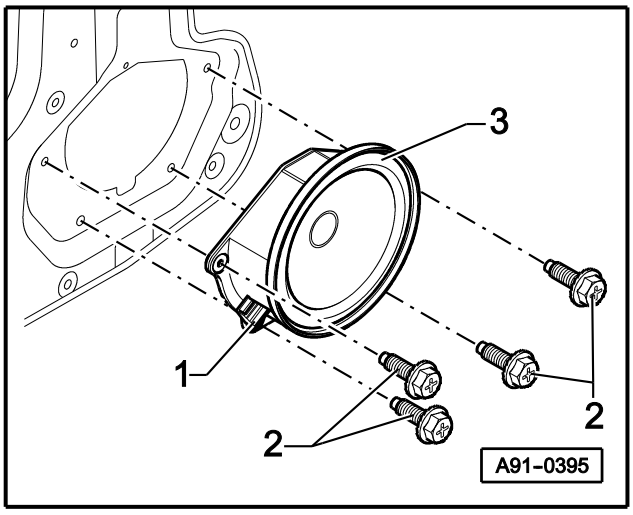

Fig. 7 Bass loudspeaker - R15, R17

♦ Behind front door trim, bottom

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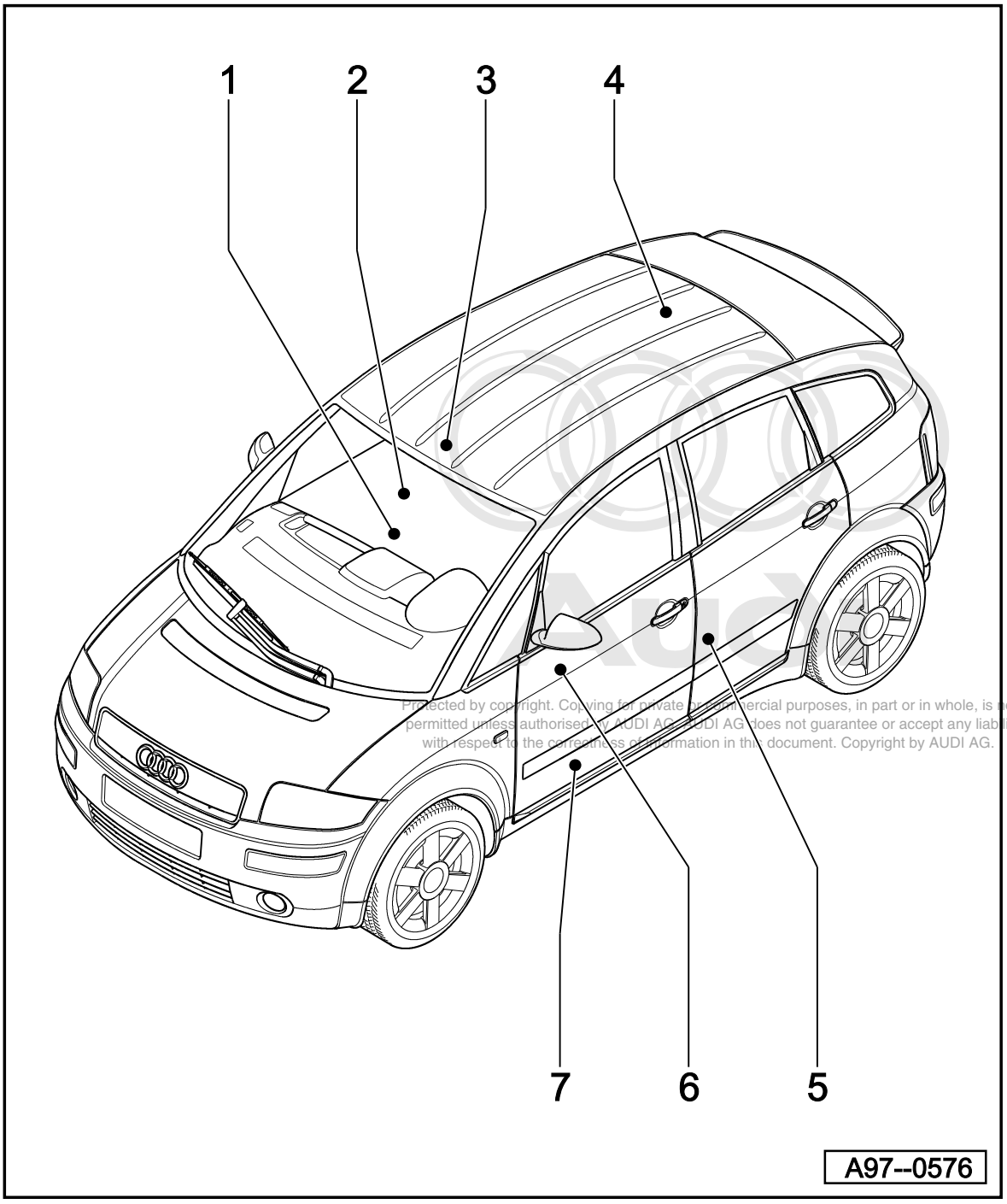
Components for telephone/mobile phone



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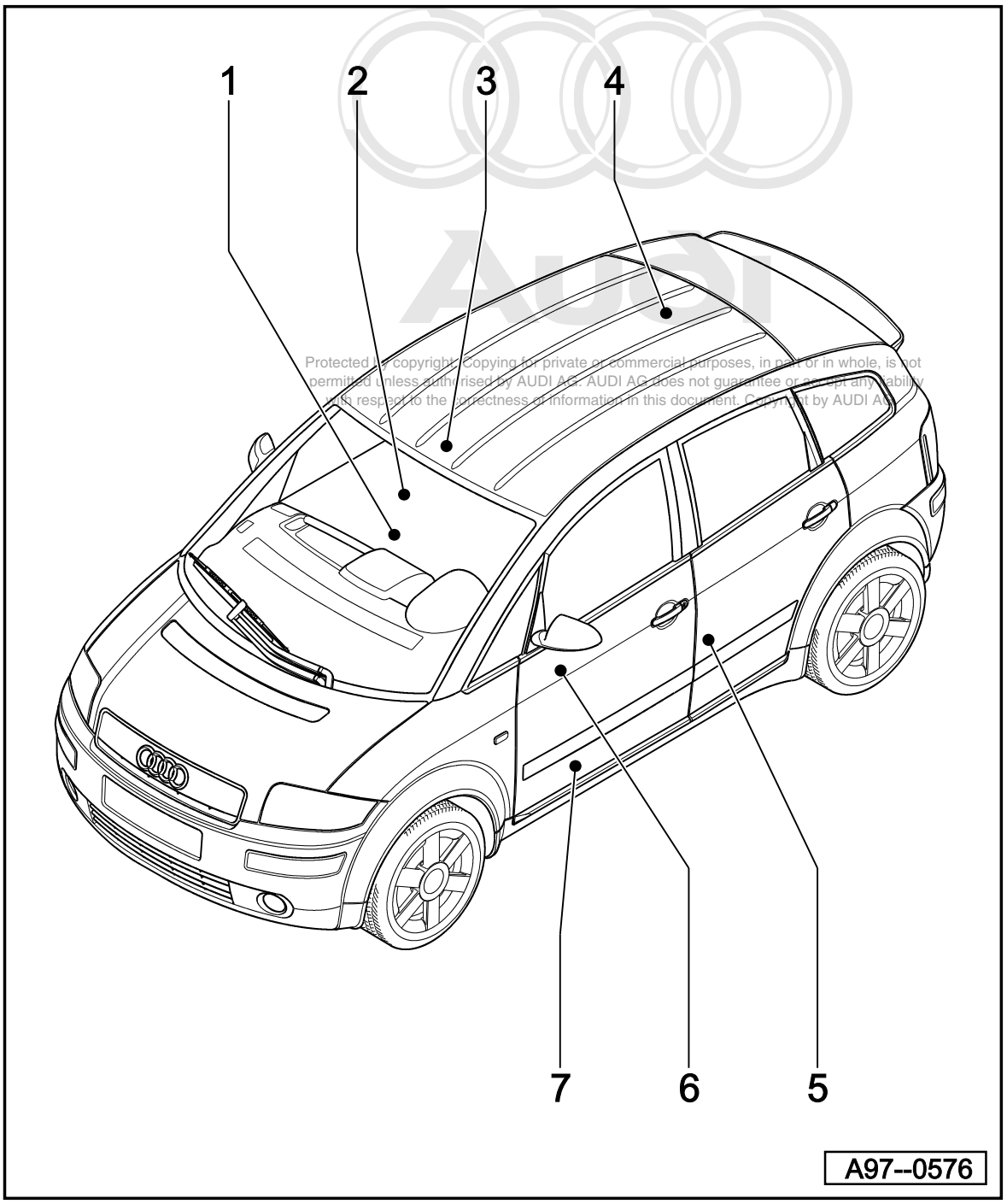
Fitting locations overview

1 - Mobile phone mounting
♦ ⇒ Fig. 1, page 8/3

2 - Operating electronics control unit, telephone (interface) - J412
♦ ⇒ Fig. 2, page 8/3

3 - Hands-free microphone
♦ ⇒ Fig. 3, page 8/3

4 - Telephone aerial - R65
♦ ⇒ Fig. 4, page 8/4



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5 - Telephone/ navigation systems loudspeaker - R39
♦ ⇒ Fig. 5, page 8/4

6 - Middle-high tone loudspeaker - R26, R27
♦ ⇒ Fig. 6, page 8/4

7 - Bass loudspeaker - R15, R17
♦ ⇒ Fig. 7, page 8/5

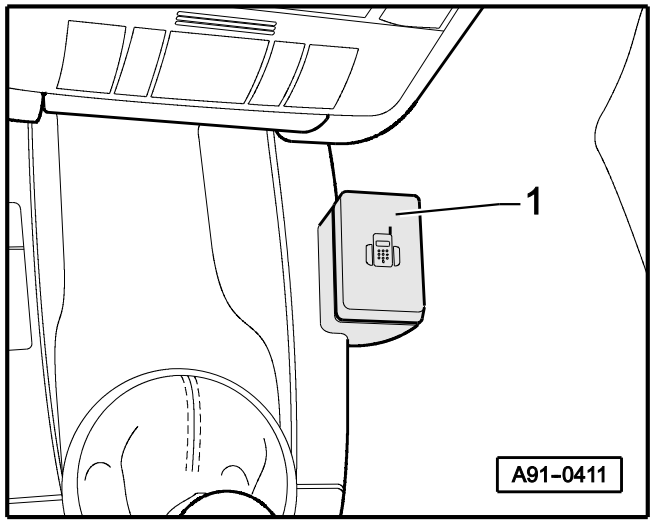

Fig. 1 Mobile phone mounting

- At centre console

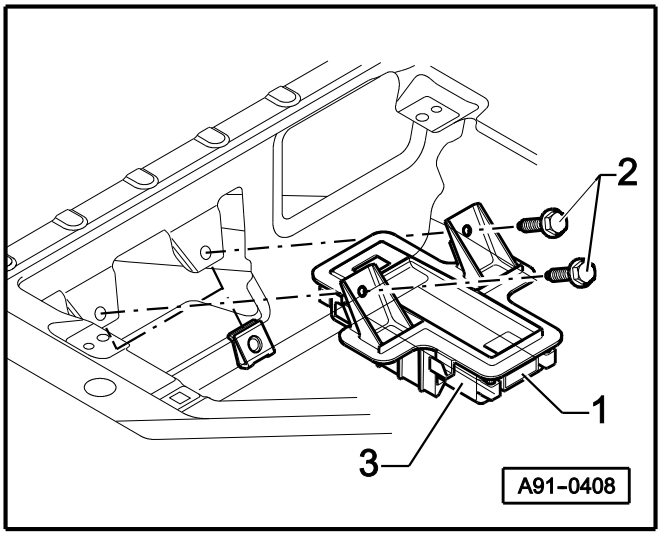

Fig. 2 Operating electronics control unit, telephone (interface) - J412

- Under front right seat, in intermediate floor panel

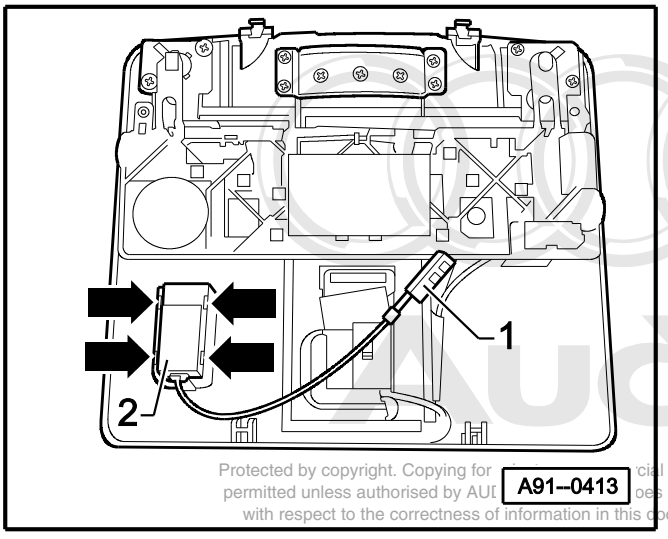

Fig. 3 Hands-free microphone

- In reading lamp cover

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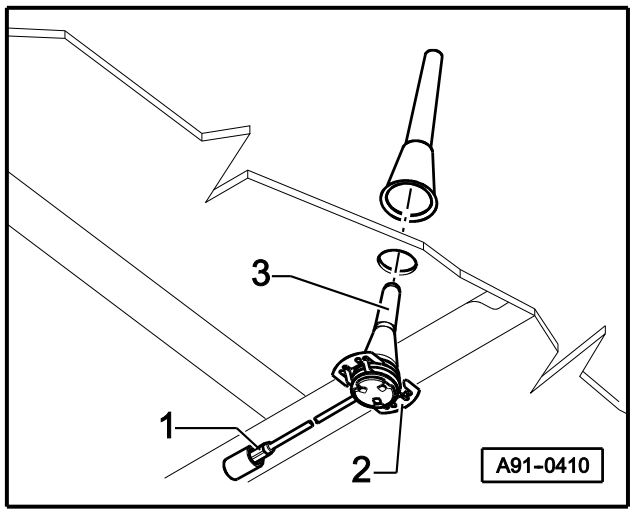

Fig. 4 Telephone aerial - R65

♦ In vehicle roof, at rear

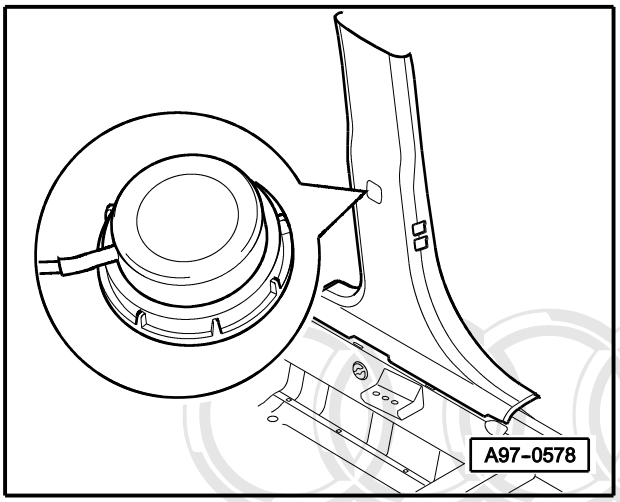

Fig. 5 Telephone/navigation systems loudspeaker - R39

♦ In left B pillar trim

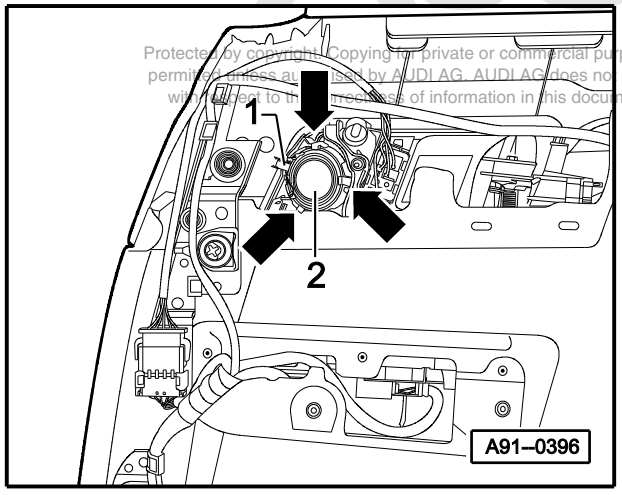

Fig. 6 Mid-range/treble loudspeaker - R26, R27

♦ In front door trim, top

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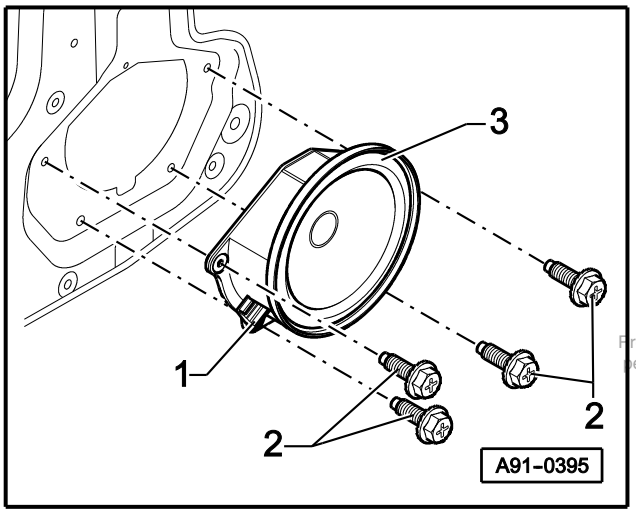

Fig. 7 Bass loudspeaker - R15, R17

♦ Behind front door trim, bottom

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