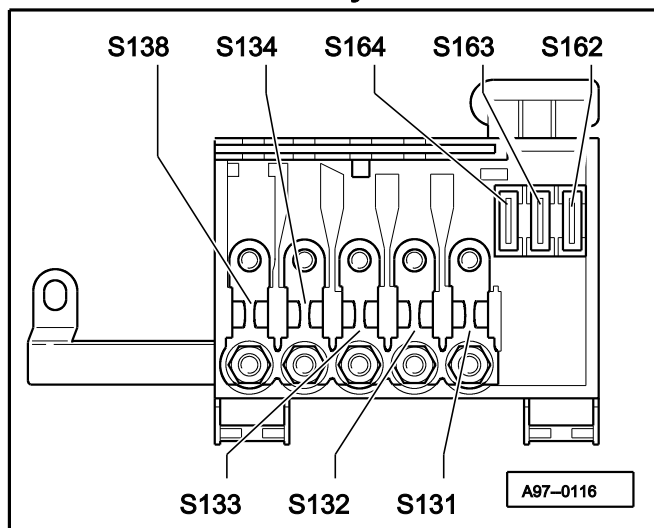


Basic equipment

From model year 2003

Main fuse box/battery



♦ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

S134 - Fuse 4

S138 - Fuse 5

S162 - Fuse -1- (30), in fuse box/battery

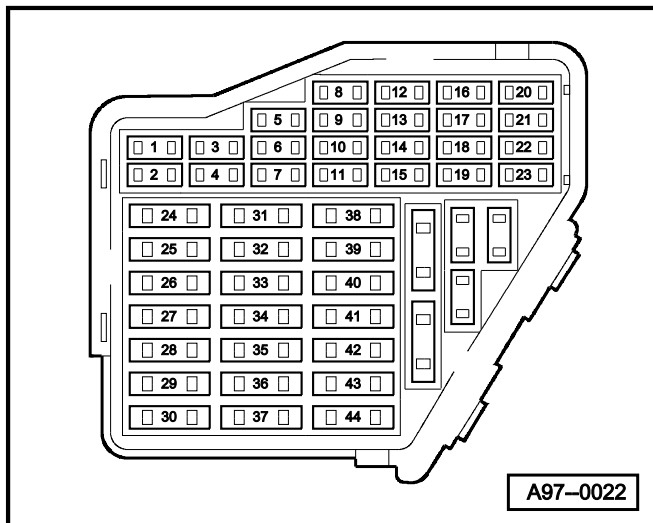
S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery



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Fuse box



◆ Dash panel, driver's side

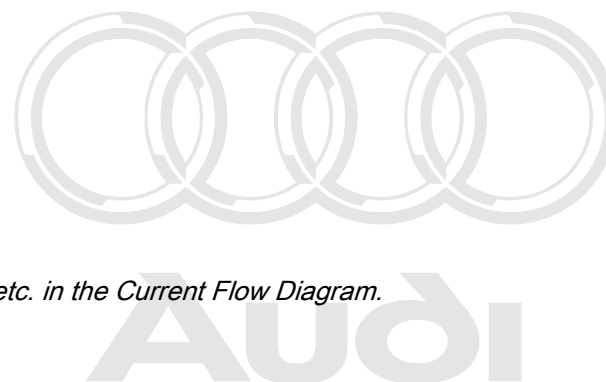
Fuse colours

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



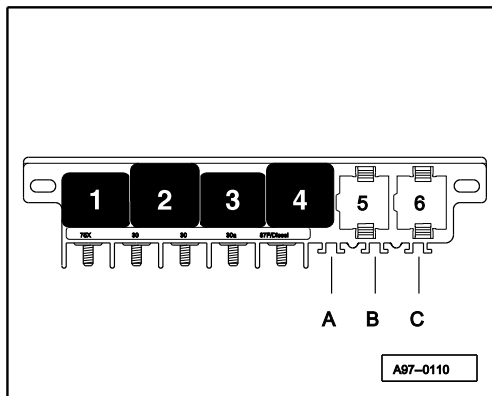
Note:

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



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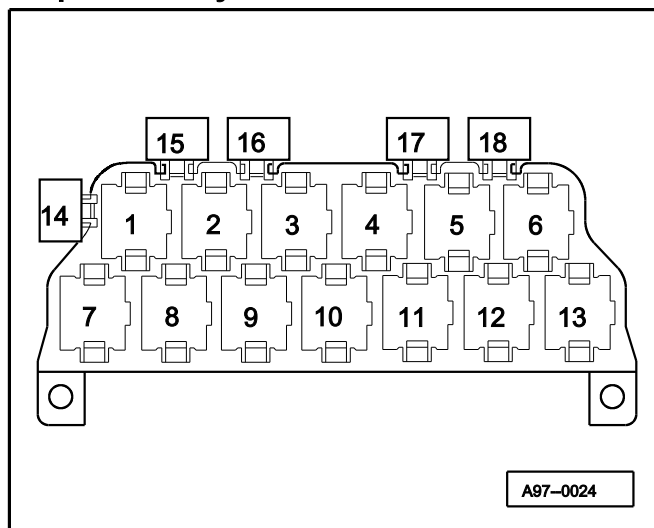
Micro-central electrics



◆ Under driver's storage compartment

- 1 - Dual tone horn relay (J4)
- 2 - X contact relief relay (J59)
- 4 - Fuel pump relay (petrol engine) (J17)
- 5 - Automatic intermittent wash/wipe relay (J31)
- 6 - Automatic intermittent wash/wipe relay (J31)

13-point relay carrier



◆ Above micro-central electrics, under driver's storage compartment

- 8 - Heated rear window relay (J9)



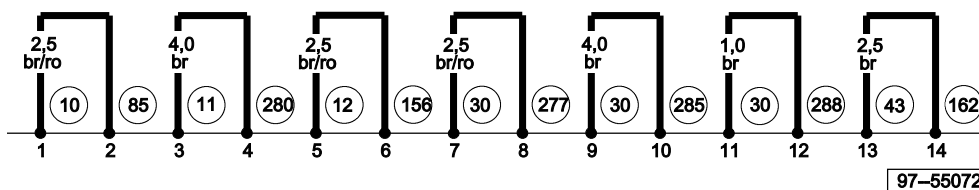
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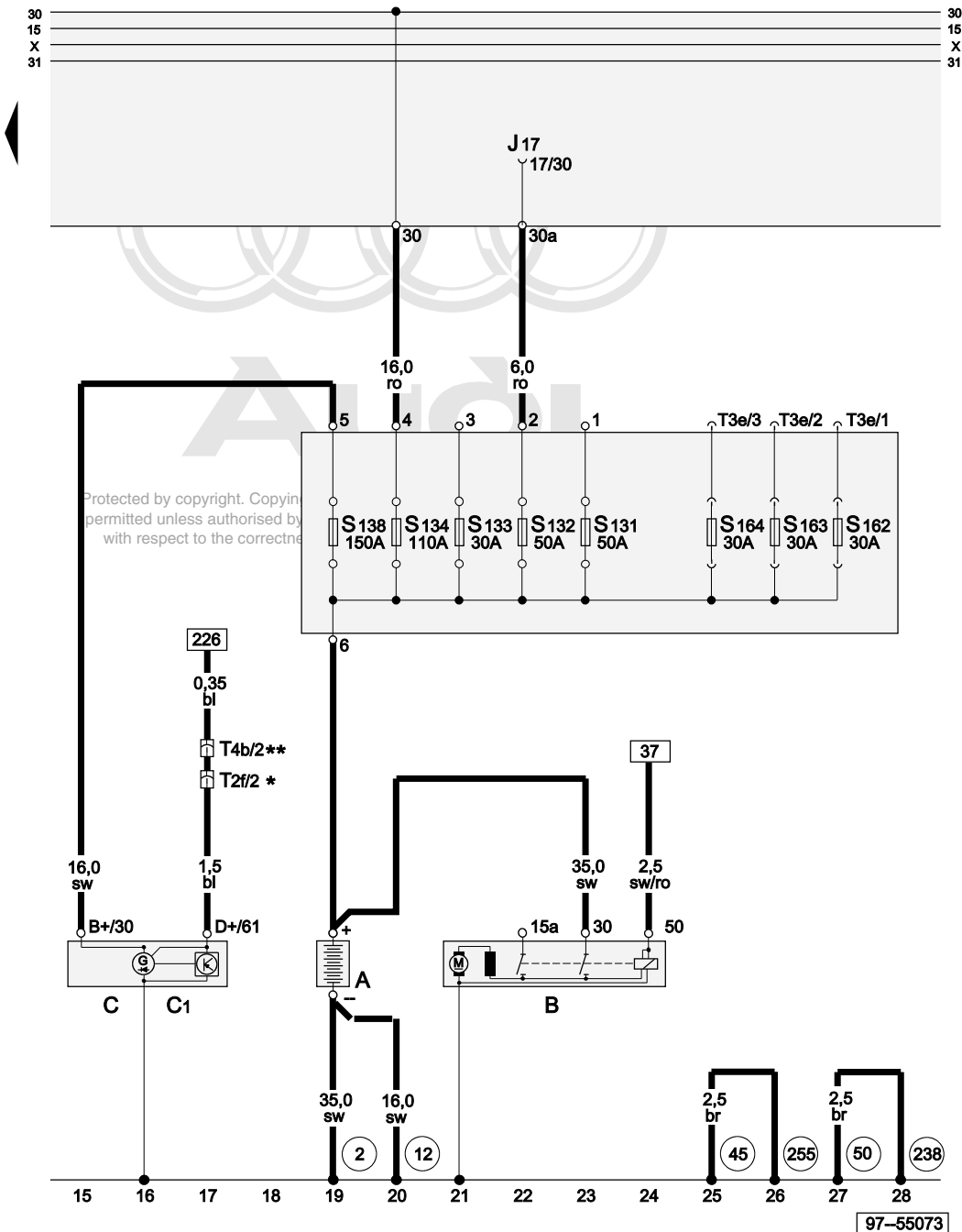
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Earth connections

- 10 Earth point, in plenum chamber
- 11 Earth point, in battery box
- 12 Earth point, in engine compartment, left
- 30 Earth point -1-, next to relay plate
- 43 Earth point, lower part of right A pillar
- 85 Earth connection -1-, in engine compartment wiring harness
- 156 Earth connection, in diesel direct injection wiring harness
- 162 Earth connection, in blower motor wiring harness
- 277 Earth connection -3-, in interior wiring harness
- 280 Earth connection, in communication systems wiring harness
- 285 Earth connection -7-, in interior wiring harness
- 288 Earth connection (headlight range control), in dash panel wiring harness



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



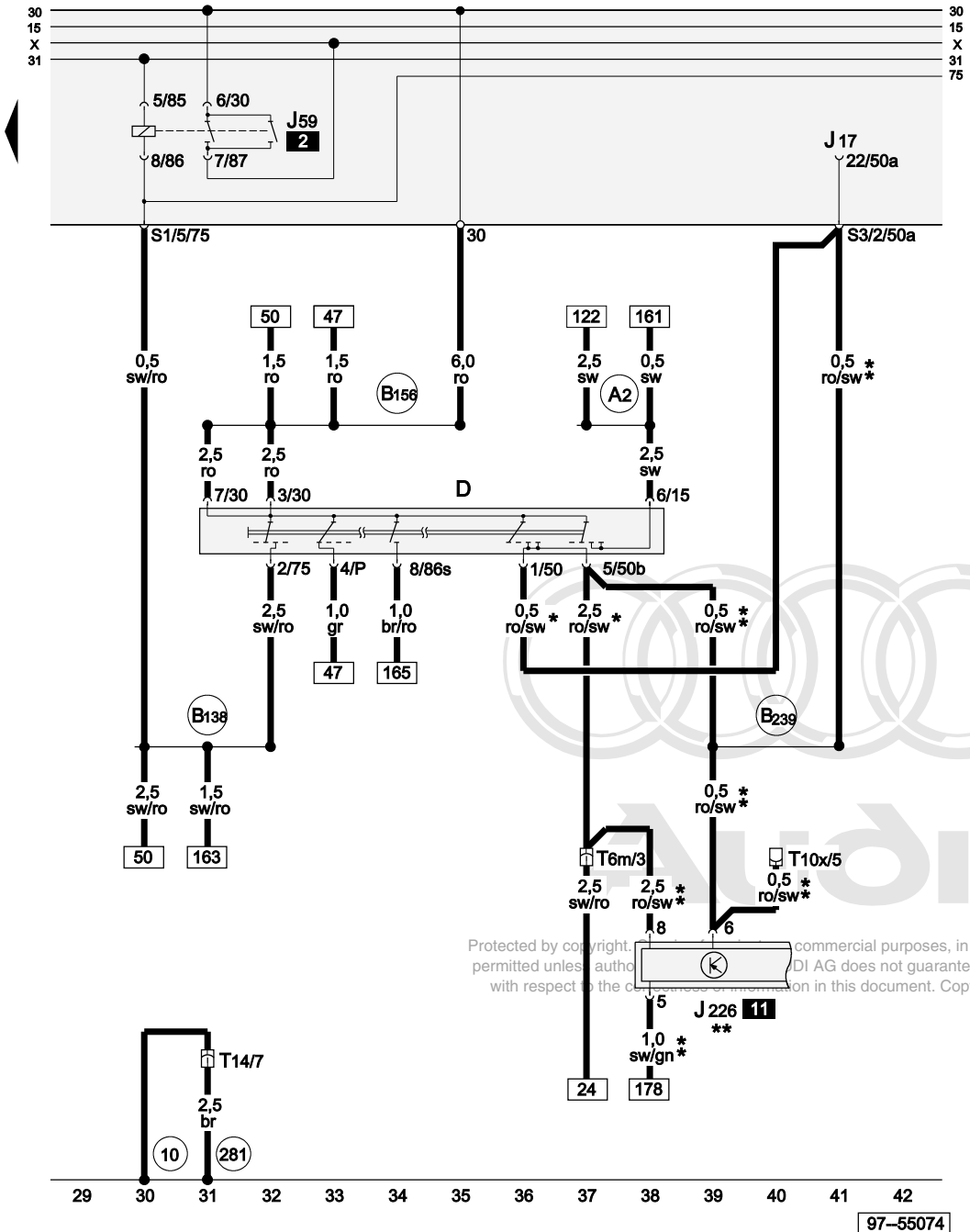
Earth connections, battery, main fuse box, alternator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J17 Fuel pump relay
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- S134 Fuse 4
- S138 Fuse 5
- S162 Fuse -1- (30), in fuse box/battery
- S163 Fuse -2- (30), in fuse box/battery
- S164 Fuse -3- (30), in fuse box/battery
- T2f 2-pin connector, alternator, in engine compartment, left
- T3e 3-pin connector, black, on main fuse box
- T4b 4-pin connector, in engine compartment, left

- 2 Earth strap, gearbox - body
- 12 Earth point, in engine compartment, left
- 45 Earth point, behind dash panel - centre
- 50 Earth point, luggage compartment, left
- 238 Earth connection -1-, in interior wiring harness
- 255 Earth connection -1-, in radio wiring harness

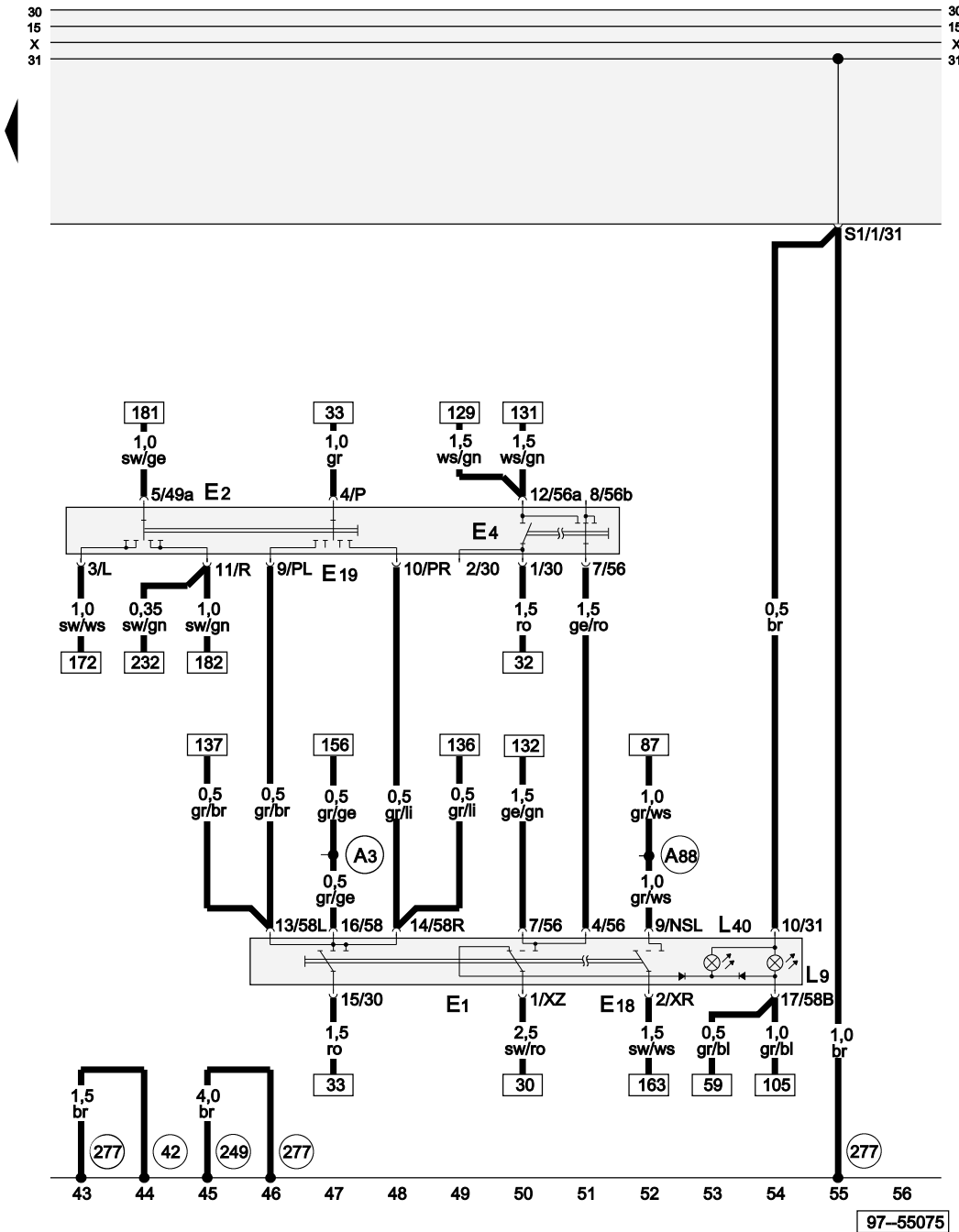
- * Models without air conditioner
- ** Models with air conditioner

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Earth connections, ignition/starter switch, X contact relief relay, starter inhibitor and reversing light relay

- D Ignition/starter switch
- J17 Fuel pump relay
- J59 X contact relief relay
- J226 Starter inhibitor and reversing light relay
- T6m 6-pin connector, brown, in plenum chamber
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 10 Earth point, in plenum chamber
- 281 Earth connection -1-, in engine prewiring wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- B138 Positive (+) connection (X), in interior wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- B239 Positive (+) connection -1- (50), in interior wiring harness
- * Only models with manual gearbox
- ** Only models with automatic gearbox



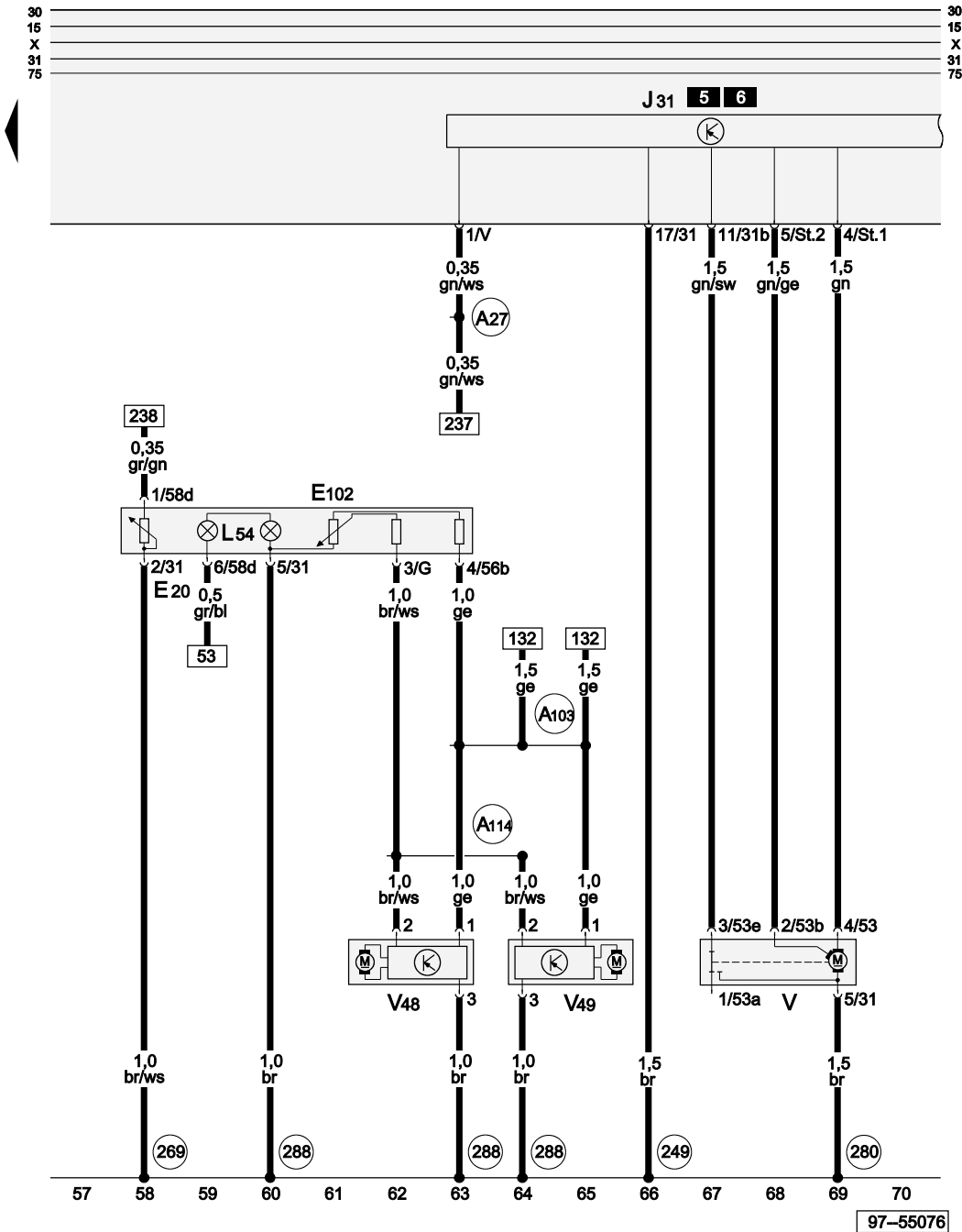
Lighting switch, left steering column switch

- E1 Lighting switch
- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E18 Rear fog light switch
- E19 Parking light switch
- L9 Lighting switch light bulb
- L40 Front and rear fog light switch illumination bulb
- 42 Earth point, next to steering column
- 249 Earth connection -2-, in interior wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A3 Positive (+) connection (58), in dash panel wiring harness
- A88 Connection (NSL (rear fog light)), in dash panel wiring harness



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 ge = yellow
 or = orange
 rs = pink

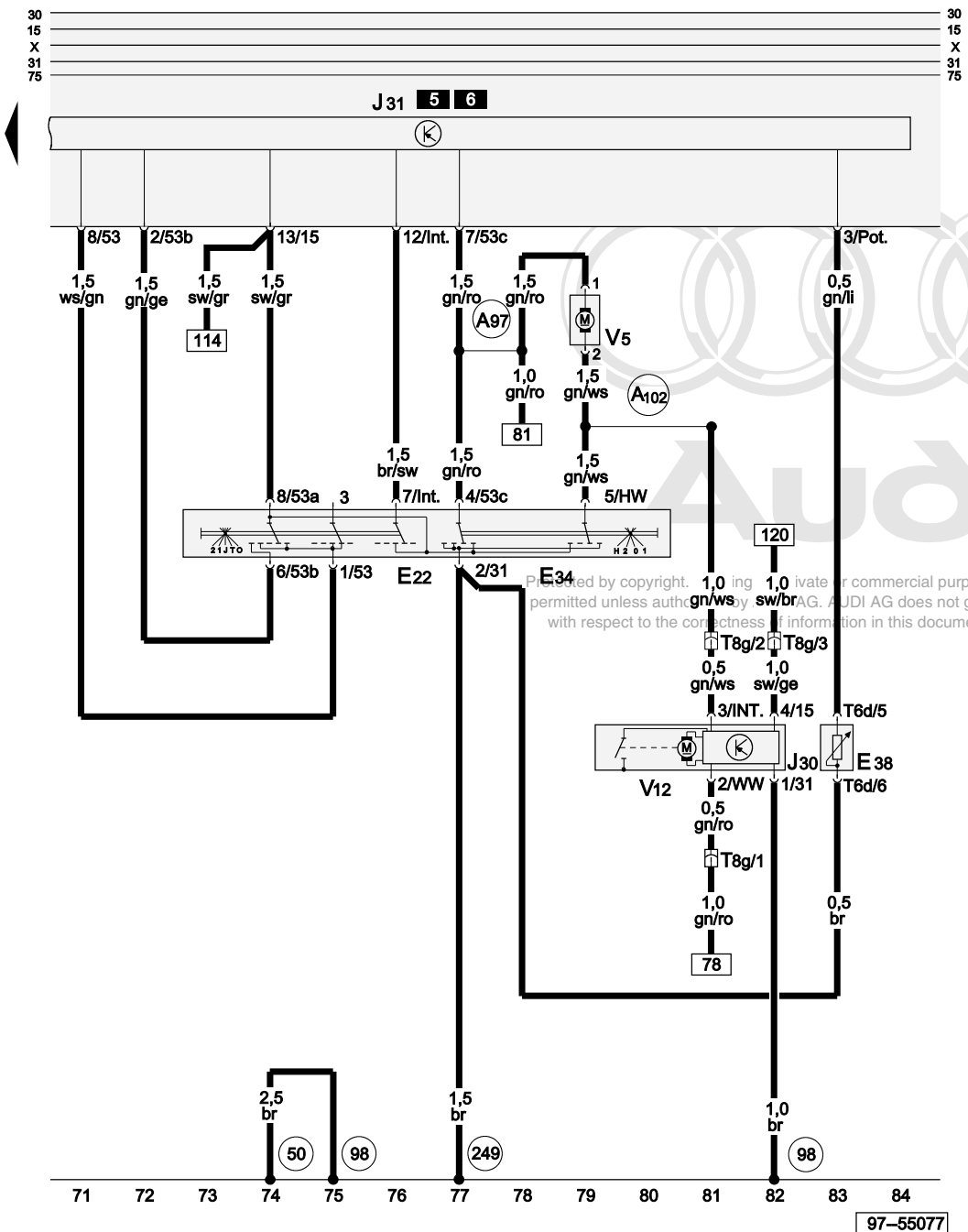
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Switches and instruments - lighting control, windscreen washer/wiper system, headlight range control (does not apply to headlights with gas discharge lamps)

- E20 Switches and instruments, lighting control
- E102 Headlight range control adjuster
- J31 Automatic intermittent wash/wipe relay
- L54 Headlight range control adjuster light bulb
- V Windscreen wiper motor
- V48 Headlight range control motor, left
- V49 Headlight range control motor, right
- 249 Earth connection -2-, in interior wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 280 Earth connection, in communication systems wiring harness
- 288 Earth connection (headlight range control), in dash panel wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- A103 Connection -2- (56), in dash panel wiring harness
- A114 Connection (headlight range control), in dash panel wiring harness

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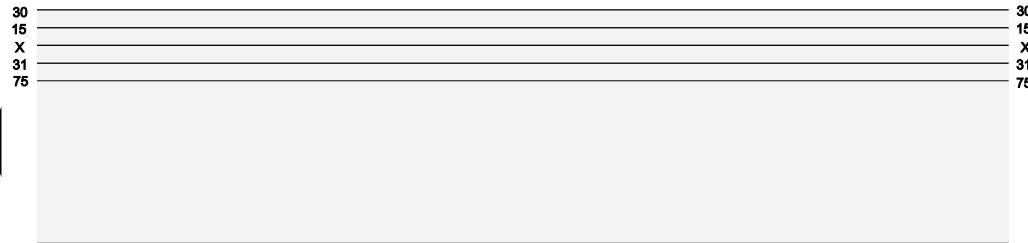


Right steering column switch, windscreen washer/wiper system, rear window wiper

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper control
- J30 Rear window wiper/washer relay
- J31 Automatic intermittent wash/wipe relay
- T6d 6-pin connector, brown, behind steering column switch trim
- T8g 8-pin connector, brown, in luggage compartment, left
- V5 Windscreen washer pump
- V12 Rear window wiper motor

- 50 Earth point, luggage compartment, left
- 98 Earth connection, in tailgate wiring harness
- 249 Earth connection -2-, in interior wiring harness
- A97 Connection (53), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness

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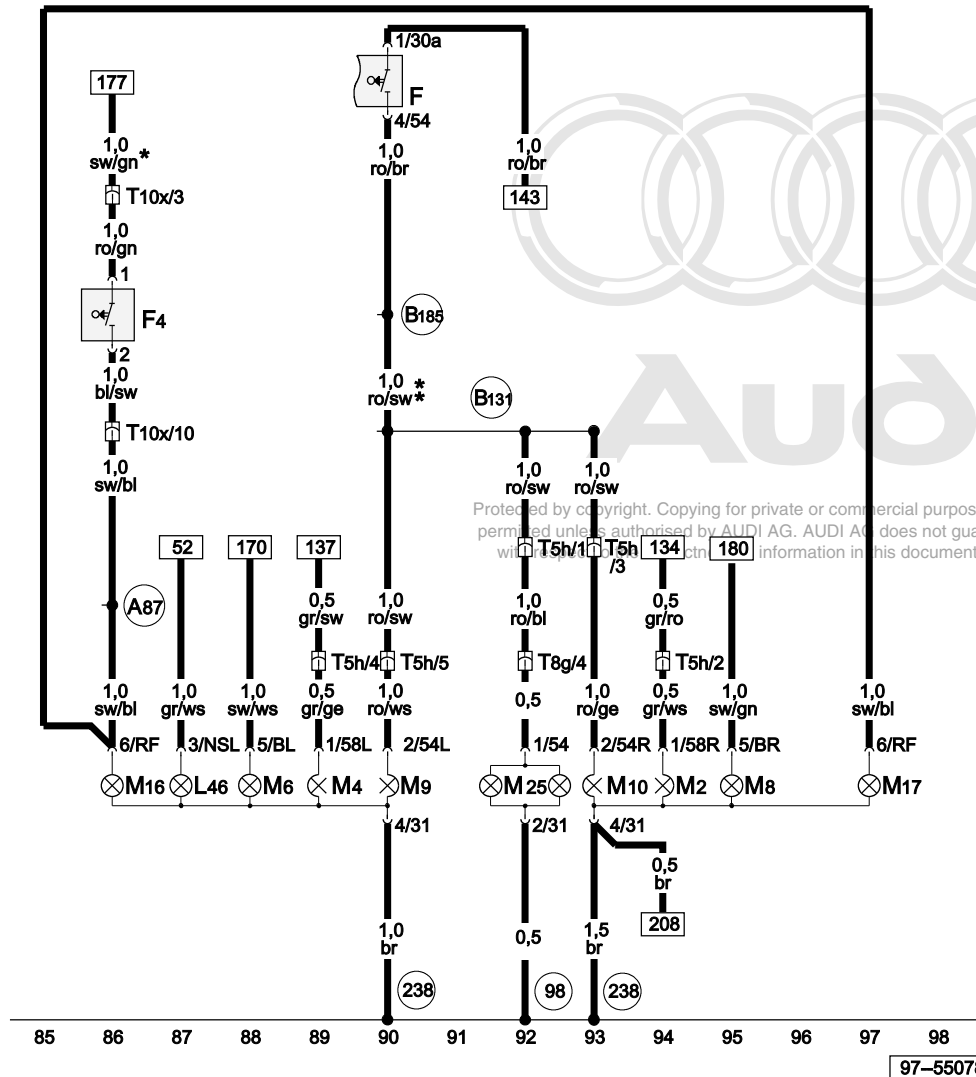


Tail lights, brake lights, reversing lights, rear fog light

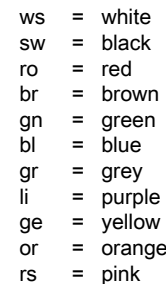
- F Brake light switch
- F4 Reversing light switch
- L46 Rear fog light bulb, left
- M2 Tail light bulb, right
- M4 Tail light bulb, left
- M6 Turn signal bulb, rear left
- M8 Turn signal bulb, rear right
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M16 Reversing light bulb, left
- M17 Reversing light bulb, right
- M25 High level brake light bulb
- T5h 5-pin connector, brown, A pillar, left, near relay plate
- T8g 8-pin connector, brown, in luggage compartment, left
- T10x 10-pin connector, orange, in plenum chamber

- 98 Earth connection, in tailgate wiring harness
- 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
- B185 Connection -2- (54), in interior wiring harness

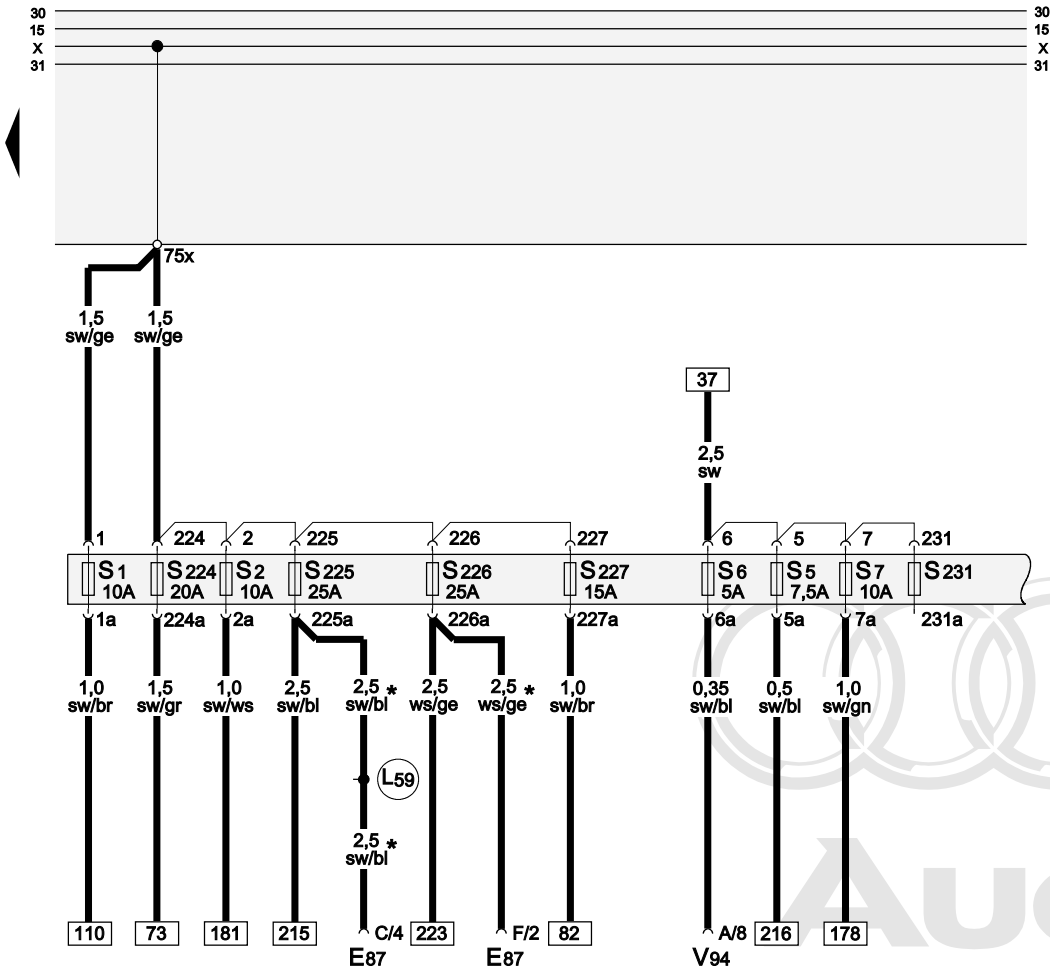
- * Only models with manual gearbox
- ** Does not apply to models with electronic stability program



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- 277 Earth connection -3-, in interior wiring harness
- 280 Earth connection, in communication systems wiring harness
- A72 Connection (71), in dash panel wiring harness
- A81 Connection -2- (X), in dash panel wiring harness
- B145 Positive (+) connection (58b), in interior wiring harness



Fuses

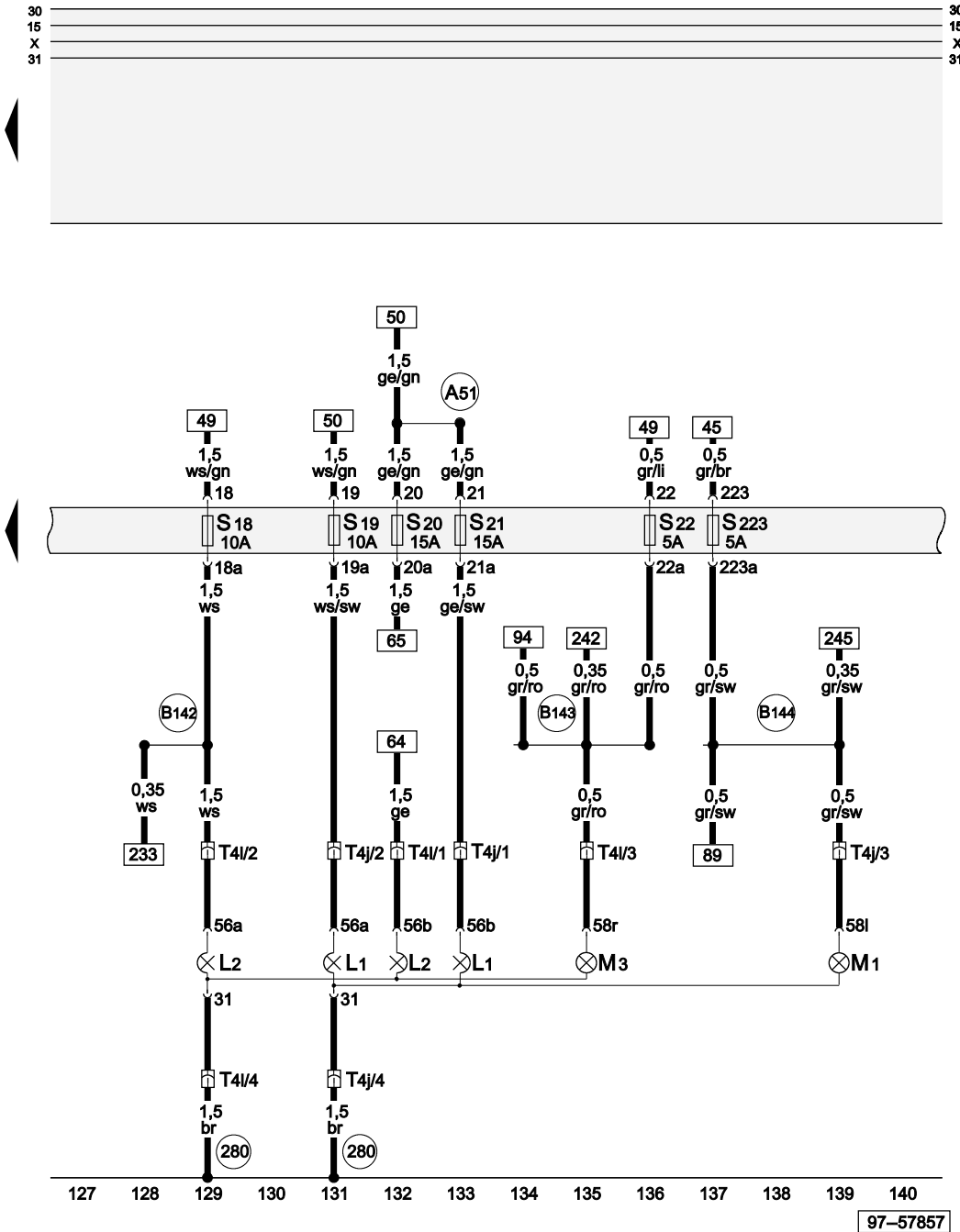
- E87 Control and display unit for air conditioner/Climatronic
- S1 Fuse in fuse box/relay plate
- S2 Fuse in fuse box/relay plate
- S5 Fuse in fuse box/relay plate
- S6 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S224 Fuse in fuse box
- S225 Fuse in fuse box
- S226 Fuse in fuse box
- S227 Fuse in fuse box
- S231 Fuse in fuse box
- V94 Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system

L59 Positive (+) connection (30), in heater unit wiring harness

* Models with air conditioner

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Fuses, headlights

- L1 Twin filament bulb/sealed beam insert, left
- L2 Twin filament bulb/sealed beam insert, right
- M1 Side light bulb, left
- M3 Side light bulb, right
- S18 Fuse in fuse box/relay plate
- S19 Fuse in fuse box/relay plate
- S20 Fuse in fuse box/relay plate
- S21 Fuse in fuse box/relay plate
- S22 Fuse in fuse box/relay plate
- S223 Fuse in fuse box
- T4j 4-pin connector, headlight, left
- T4l 4-pin connector, headlight, right

280 Earth connection, in communication systems wiring harness

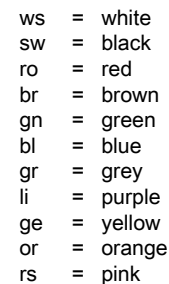
A51 Connection (56), in dash panel wiring harness

B142 Positive (+) connection -2- (56a), in interior wiring harness

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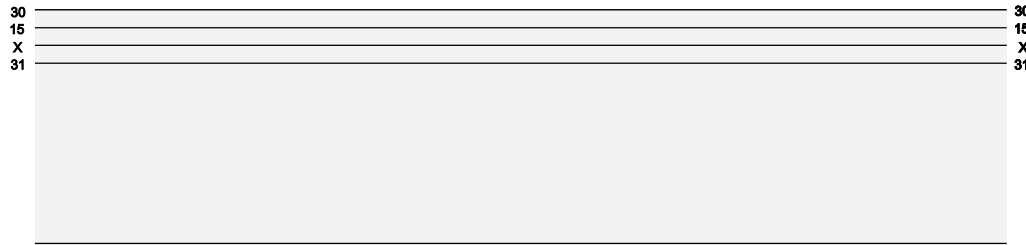
B143 Positive (+) connection (58R), in interior wiring harness

B144 Positive (+) connection (58L), in interior wiring harness



E150	Interior locking switch, driver's side
S12	Fuse in fuse box/relay plate
S13	Fuse in fuse box/relay plate
S14	Fuse in fuse box/relay plate
S15	Fuse in fuse box/relay plate
S238	Fuse in fuse box
S239	Fuse in fuse box
S240	Fuse in fuse box
S241	Fuse in fuse box
S242	Fuse in fuse box
T8	8-pin connector, on radio
T10d	10-pin connector, brown, connector carrier, A pillar, left
T16	16-pin connector, black, centre console compartment (diagnostic connector)

- | | |
|------|---|
| 255 | Earth connection -1-, in radio wiring harness |
| 277 | Earth connection -3-, in interior wiring harness |
| A1 | Positive (+) connection (30a), in dash panel wiring harness |
| A46 | Positive (+) connection (30 - from radio), in dash panel wiring harness |
| A50 | Positive (+) connection (30as), in dash panel wiring harness |
| B115 | Positive (+) connection (30, central electrics), in interior wiring harness |
| B150 | Positive (+) connection -2- (30a), in interior wiring harness |
| * | See applicable Current Flow Diagram: Radio |



Fuses, glove box light, number plate light

- S3 Fuse in fuse box/relay plate
- S4 Fuse in fuse box/relay plate
- S10 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S236 Fuse in fuse box
- T2a 2-pin connector, black, behind right side of dash panel
- T2c 2-pin connector, black, in rear lid, right
- T2d 2-pin connector, black, in rear lid, left
- T6a 6-pin connector, black, in luggage compartment, left
- W6 Glove box light
- X Number plate light

98 Earth connection, in rear lid wiring harness

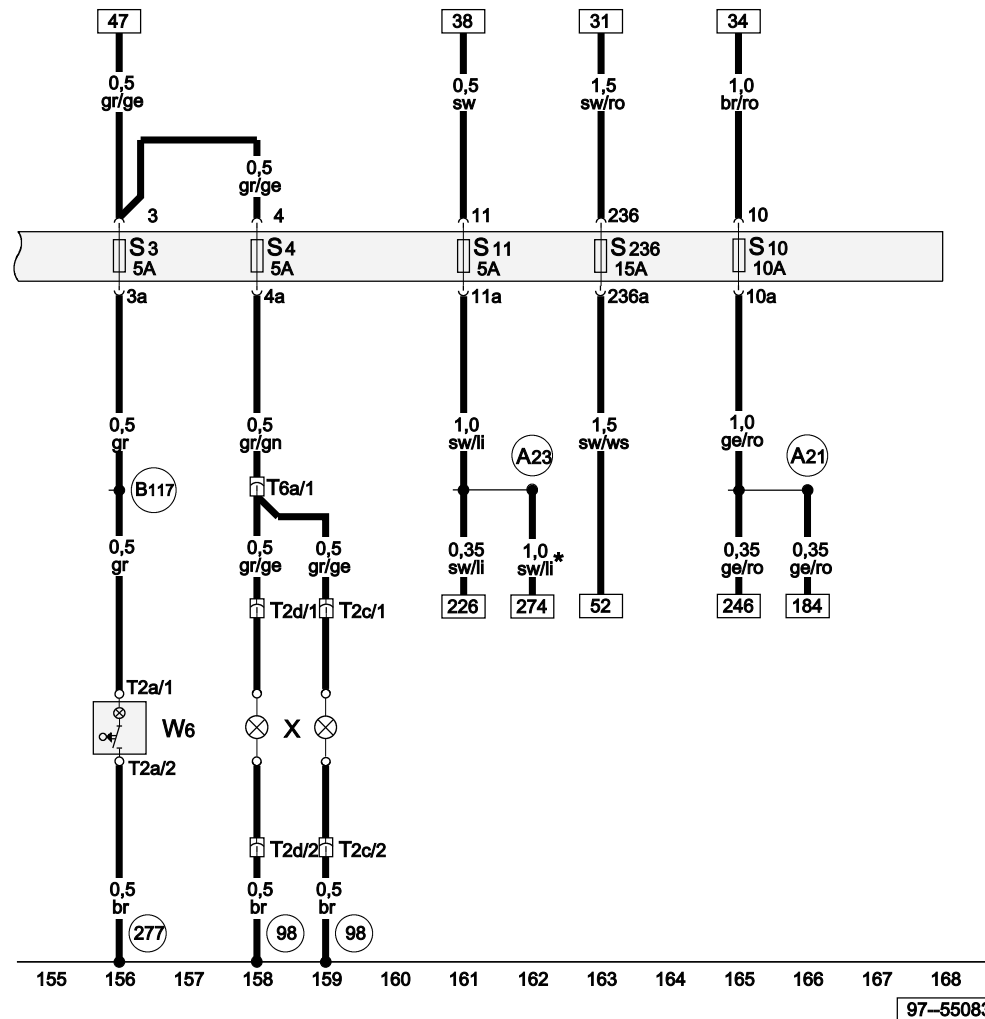
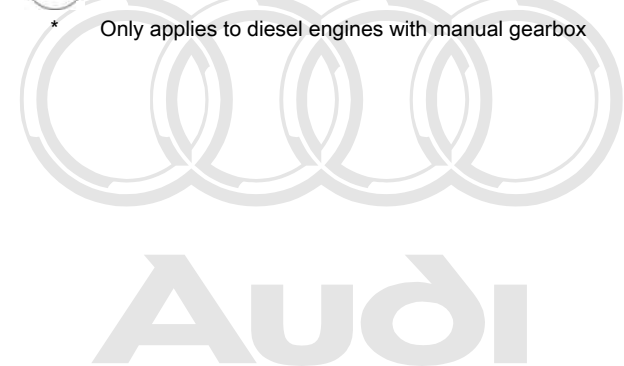
277 Earth connection -3-, in interior wiring harness

A21 Connection (86s), in dash panel wiring harness

A23 Connection (30al), in dash panel wiring harness

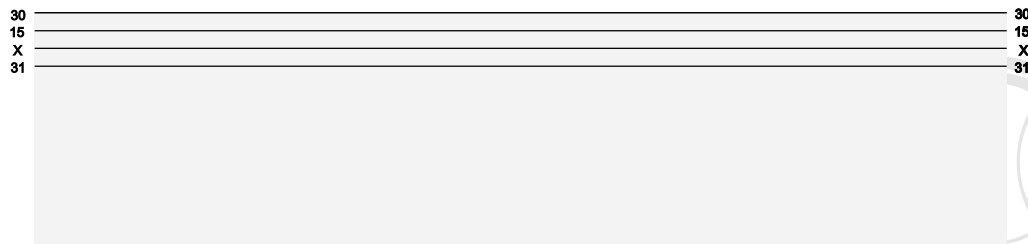
B117 Connection (58a, right), in interior wiring harness

* Only applies to diesel engines with manual gearbox



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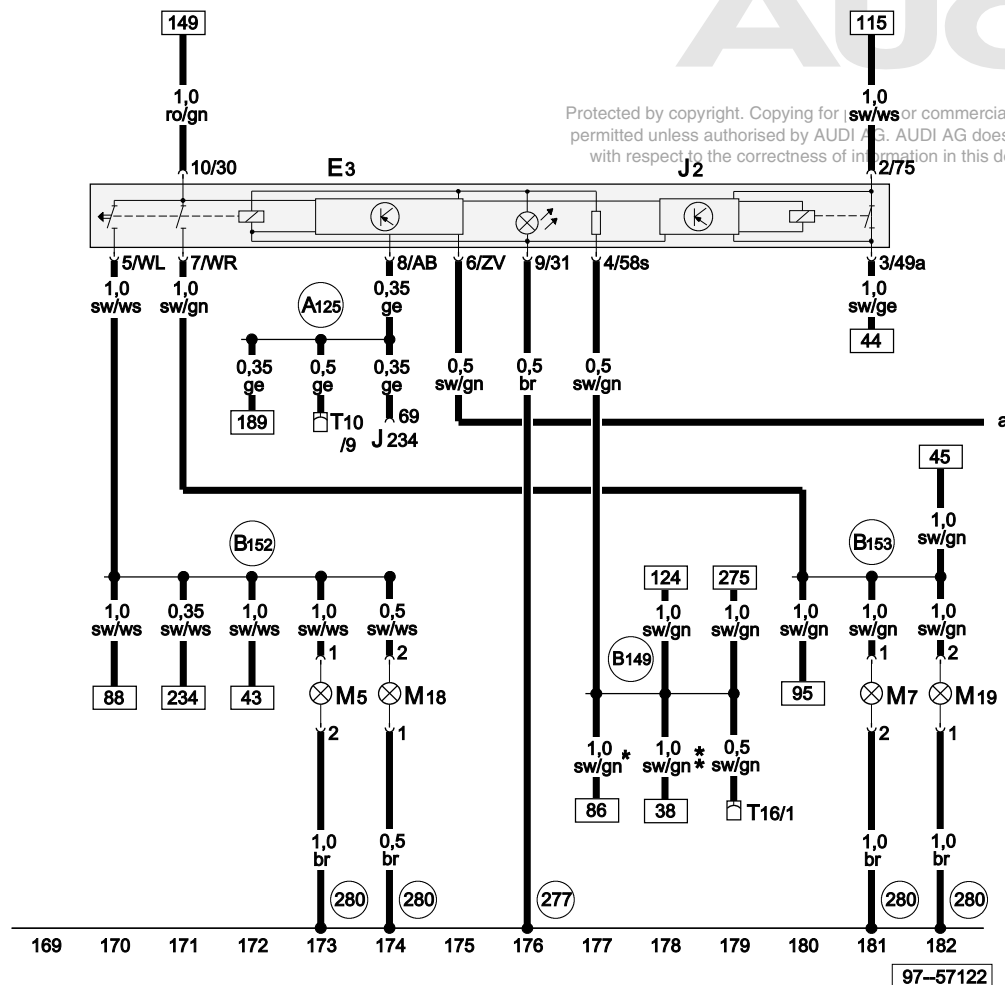


Turn signals and hazard warning lights

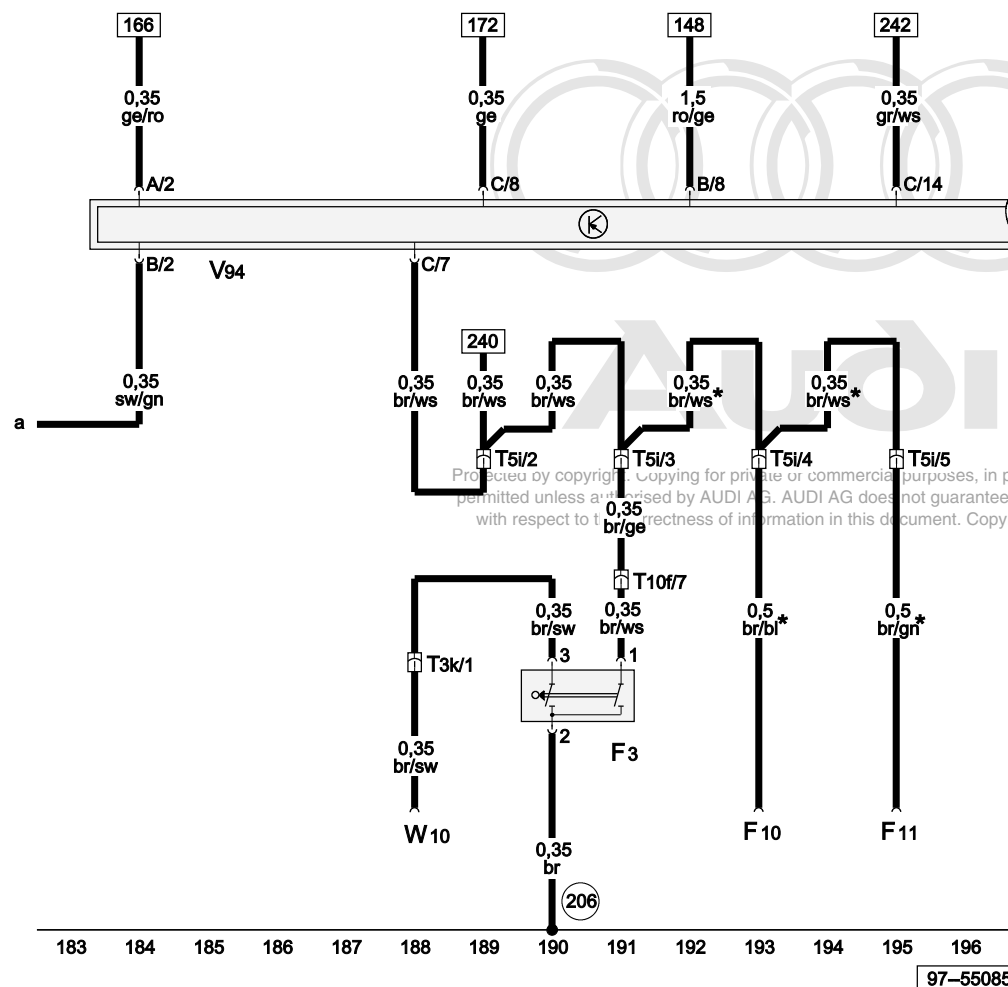
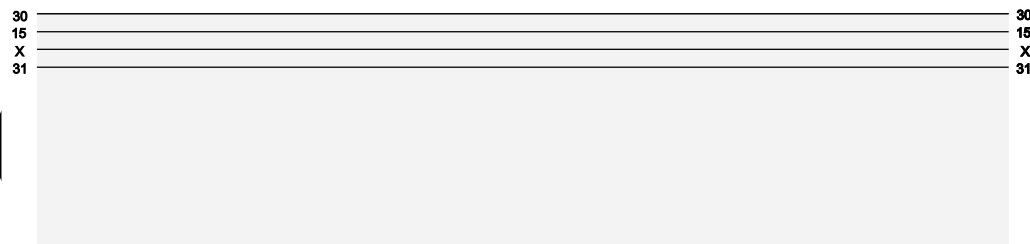
- E3 Hazard warning light switch
- J2 Hazard warning light relay
- J234 Airbag control unit
- M5 Turn signal bulb, front left
- M7 Turn signal bulb, front right
- M18 Side turn signal bulb, left
- M19 Side turn signal bulb, right
- T10 10-pin connector, white, in plenum chamber
- T16 16-pin connector, black, centre console compartment (diagnostic connector)

- 277 Earth connection -3-, in interior wiring harness
- 280 Earth connection, in communication systems wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- B149 Positive (+) connection -2- (15a), in interior wiring harness
- B152 Connection (BL (turn signal, left)), in interior wiring harness
- B153 Connection (BR (turn signal, right)), in interior wiring harness

- * Only models with manual gearbox
- ** Only models with automatic gearbox



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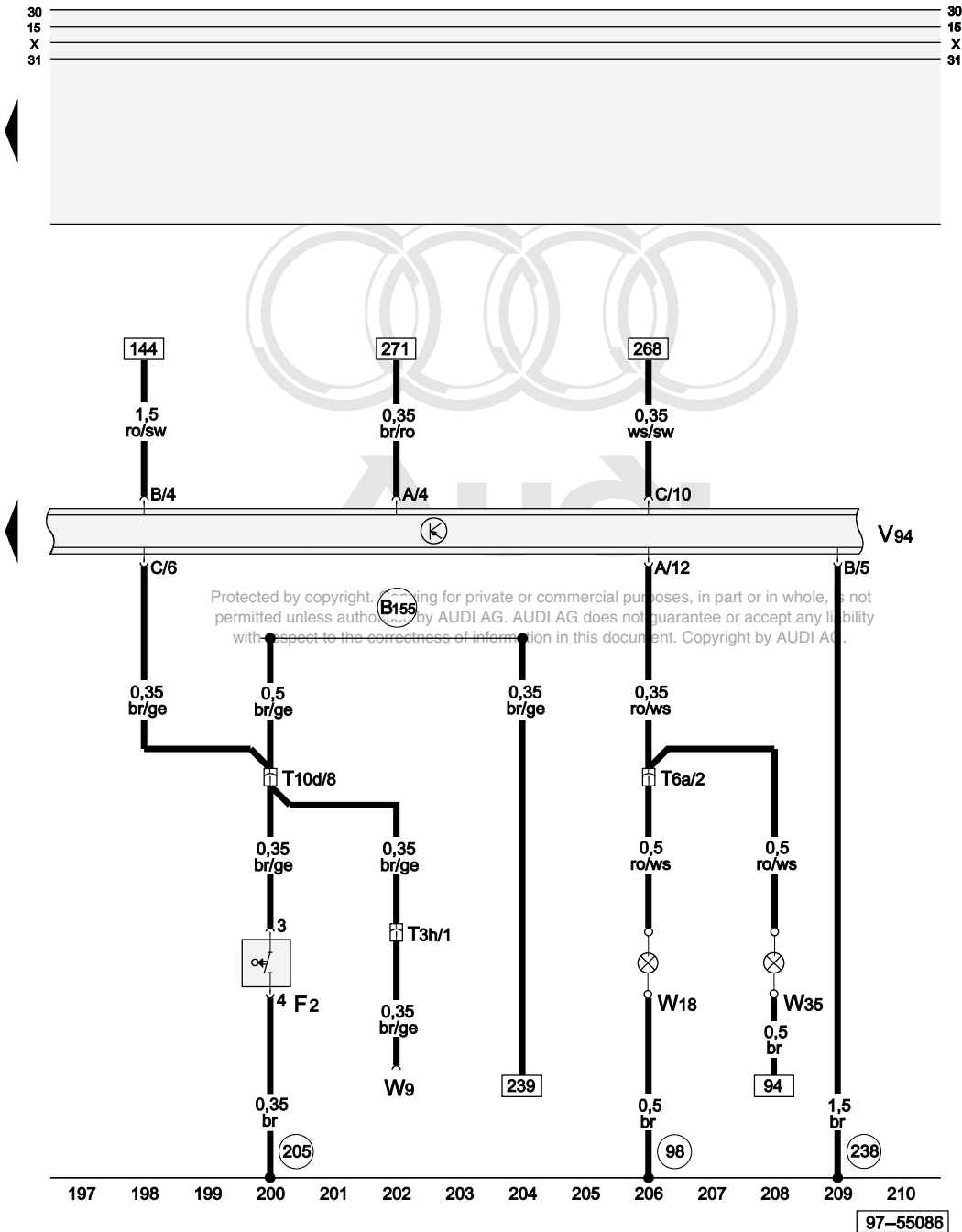
Right footwell light, door contact switches, central locking motor

- F3 Door contact switch, front passenger's side
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- T3k 3-pin connector, black, vehicle interior, in front passenger's door
- T5i 5-pin connector, black, A pillar, left, near relay plate
- T10f 10-pin connector, brown, connector carrier, A pillar, right
- V94 Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
- W10 Right footwell light

206 Earth connection, in door wiring harness - front passenger's side

* Only on 4-door models

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Luggage compartment lights, door contact switch, central locking motor, left footwell light

- F2 Door contact switch, driver's side
- T3h 3-pin connector, black, vehicle interior, in driver's door
- T6a 6-pin connector, black, in luggage compartment, left
- T10d 10-pin connector, brown, connector carrier, A pillar, left
- V94 Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
- W9 Left footwell light
- W18 Luggage compartment light, left
- W35 Luggage compartment light, right

- 98 Earth connection, in tailgate wiring harness
- 205 Earth connection, in door wiring harness - driver's side
- 238 Earth connection -1-, in interior wiring harness
- B155 Connection -2- (TK (door contact)), in interior wiring harness

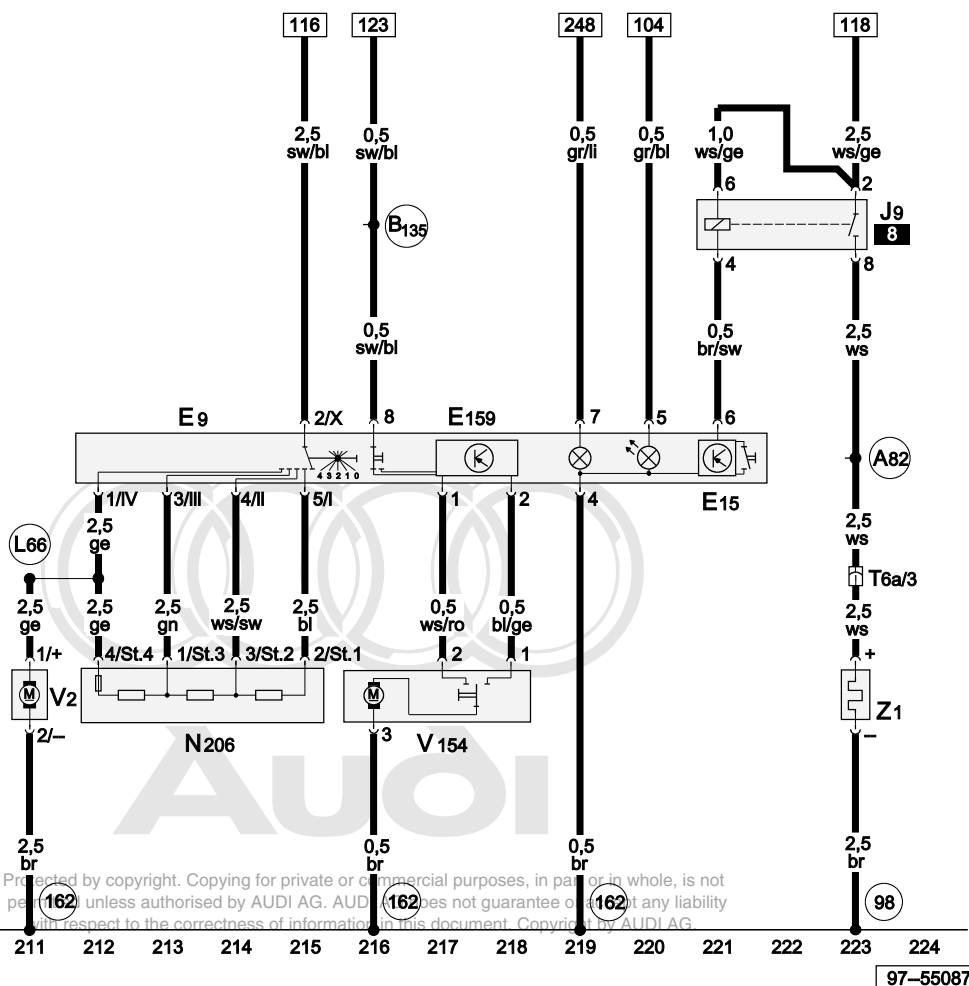
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30
15
X
31

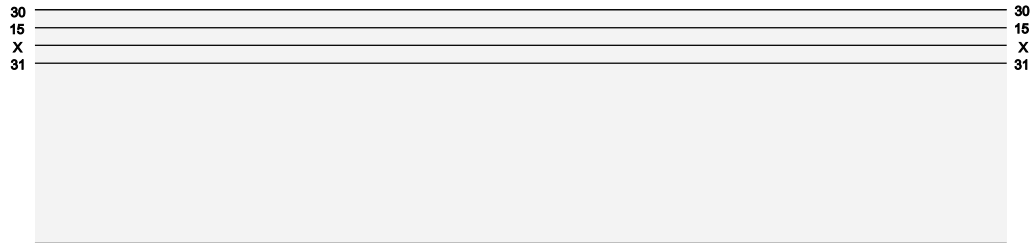
Fresh air blower (models without air conditioner), heated rear window

- E9 Fresh air blower switch
- E15 Heated rear window switch
- E159 Fresh air/air recirculating flap switch
- J9 Heated rear window relay
- N206 Warm air blower series resistor with overheating fuse
- T6a 6-pin connector, black, in luggage compartment, left
- V2 Fresh air blower
- V154 Fresh/recirculating air flap control motor
- Z1 Heated rear window

- 98 Earth connection, in tailgate wiring harness
- 162 Earth connection, in blower motor wiring harness
- A82 Connection (windscreen heater), in dash panel wiring harness
- B135 Connection -1- (15a), in interior wiring harness
- L66 Connection, in heater blower wiring harness



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Combi-processor in dash panel insert, handbrake warning switch, warning lamps

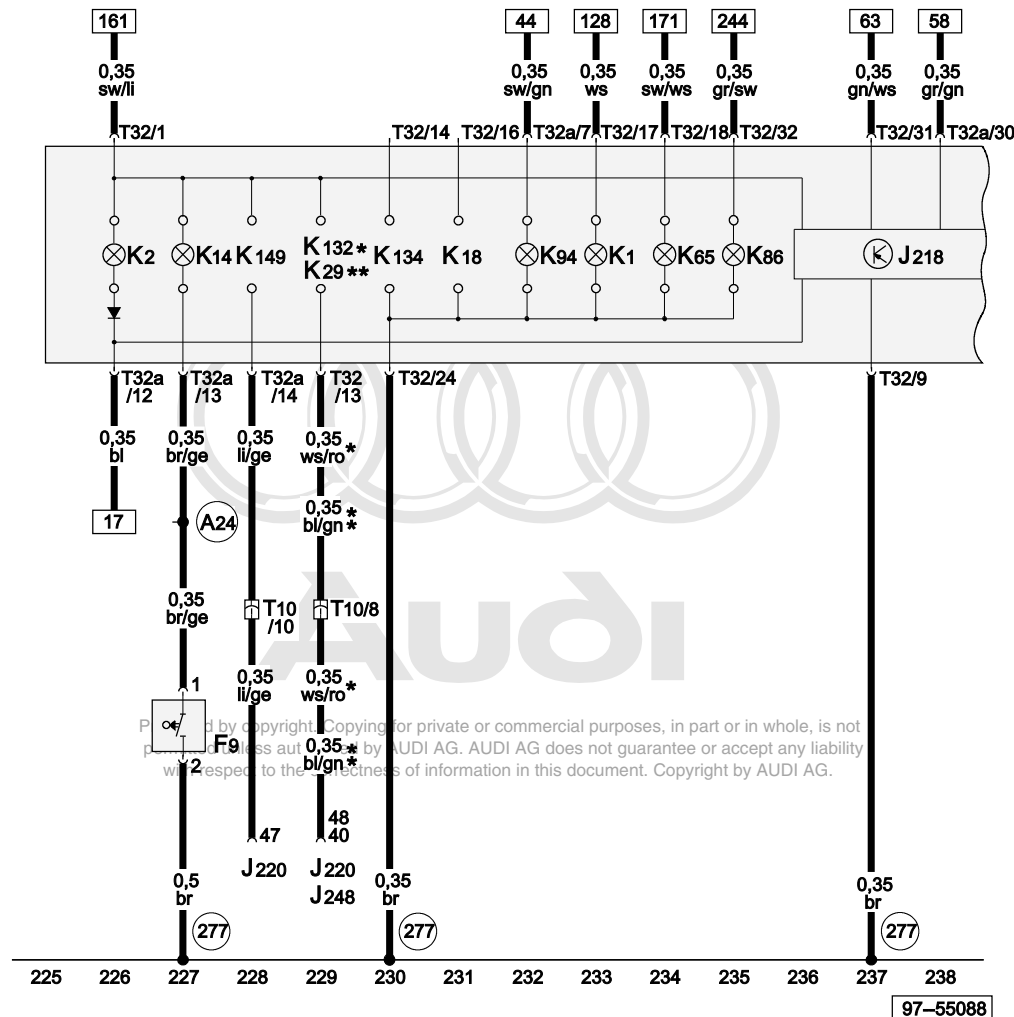
- F9 Handbrake warning switch
- J218 Combi-processor in dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K14 Handbrake warning lamp
- K18 Trailer operation warning lamp
- K29 Glow period warning lamp
- K65 Left turn signal warning lamp
- K86 Traction control system warning lamp
- K94 Right turn signal warning lamp
- K132 Electronic power control fault lamp
- K134 Self-levelling suspension warning lamp
- K149 Engine electronics warning lamp
- T10 10-pin connector, white, in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

277 Earth connection -3-, in interior wiring harness

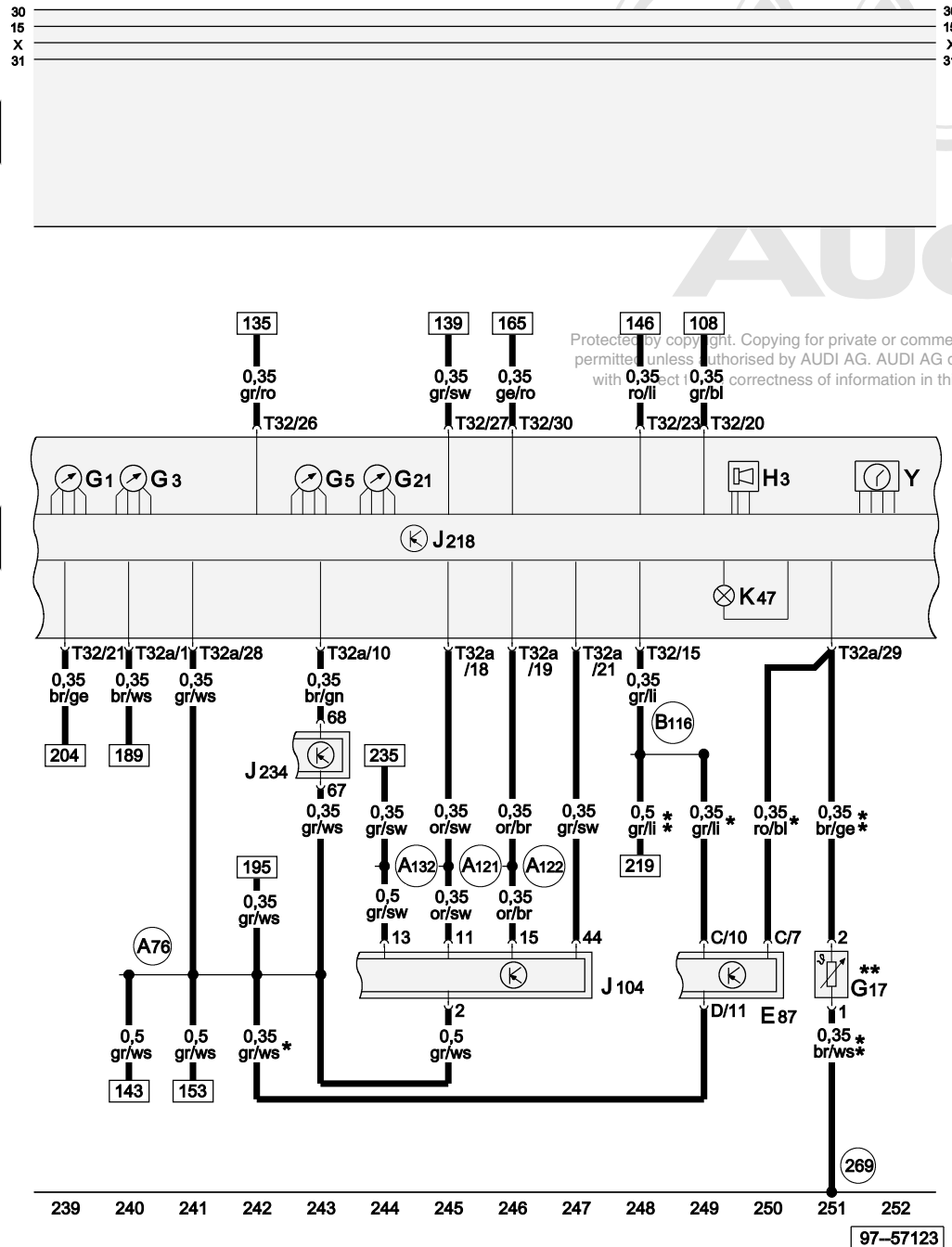
A24 Connection (brake system monitoring), in dash panel wiring harness

* Only models with petrol engines

** Only models with diesel engines



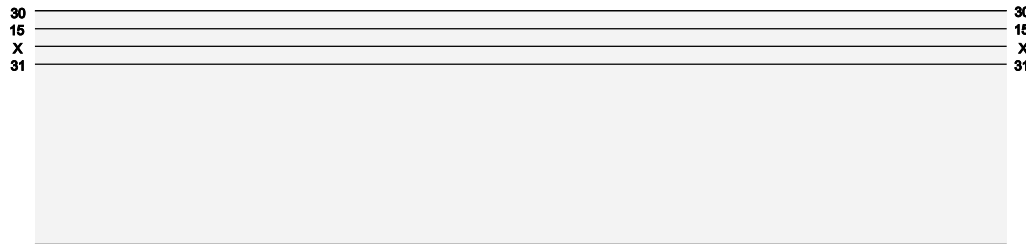
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Combi-processor in dash panel insert, ABS with EDL control unit, control and display unit for air conditioner, fuel gauge, coolant temperature gauge

- E87 Control and display unit for air conditioner/Climatronic
 - G1 Fuel gauge
 - G3 Coolant temperature gauge
 - G5 Rev. counter
 - G17 Ambient temperature sensor
 - G21 Speedometer
 - H3 Buzzer/gong
 - J104 ABS with EDL control unit
 - J218 Combi-processor in dash panel insert
 - J234 Airbag control unit
 - K47 ABS warning lamp
 - T32 32-pin connector, blue, on dash panel insert
 - T32a 32-pin connector, green, on dash panel insert
 - Y Analogue clock
 - 269 Earth connection (sender earth) -1-, in dash panel wiring harness
 - A76 Connection (diagnosis wire K), in dash panel wiring harness
 - A121 Connection (high bus), in dash panel wiring harness
 - A122 Connection (low bus), in dash panel wiring harness
 - A132 Connection (TCS/ESP), in dash panel wiring harness
 - B116 Connection (58d), in interior wiring harness
- * Only models with air conditioner
 ** Does not apply to models with air conditioner

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Immobilizer reading coil, warning lamps, belt switch, coolant shortage indicator switch, brake lining/pad wear sender

- D2 Immobilizer reading coil
- E24 Belt switch, driver's side
- F34 Brake fluid level warning contact
- G34 Brake lining/pad wear sender, front left
- F66 Coolant shortage indicator switch
- J218 Combi-processor in dash panel insert
- K3 Oil pressure warning lamp
- K4 Side light warning lamp
- K16 Reserve fuel warning lamp
- K19 Seat belt warning system warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K32 Brake pad/lining warning lamp
- K33 Brake fluid level warning lamp
- K37 Windscreen washer fluid level warning lamp
- K75 Airbag warning lamp
- K102 Rear lid closed warning lamp
- K117 Immobilizer warning lamp
- K149 Engine electronics warning lamp
- T6l 6-pin connector, red, under driver's seat
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

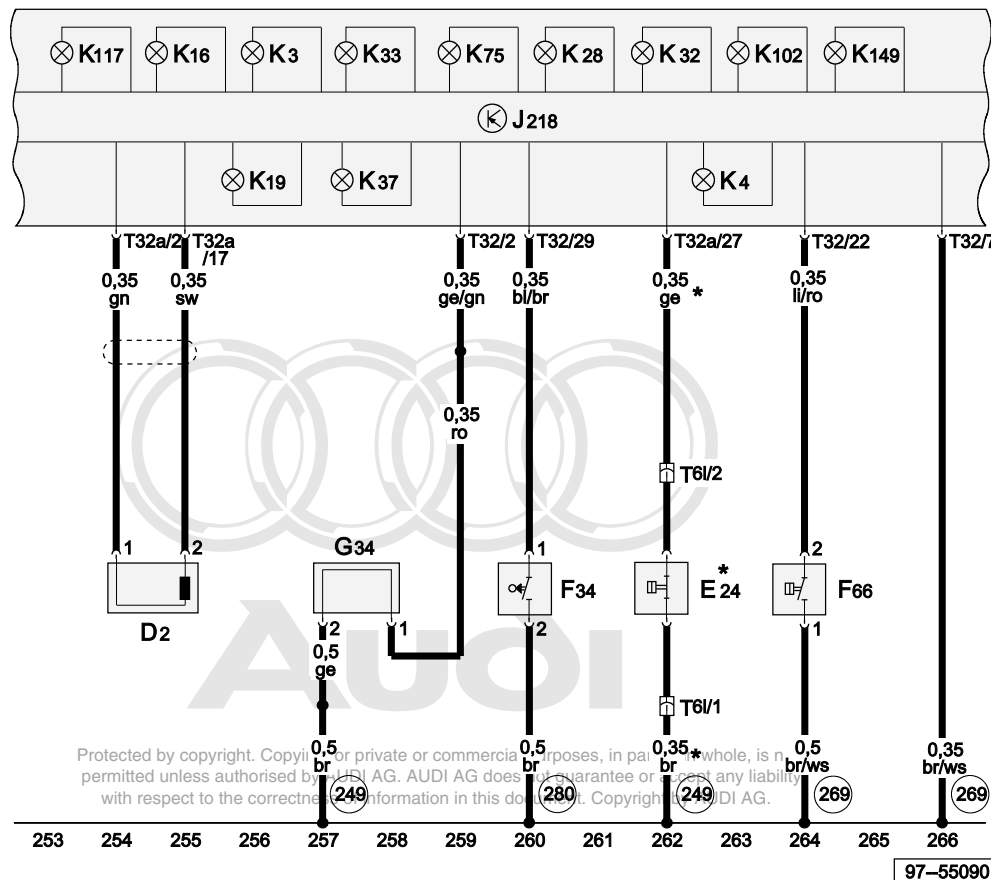
249 Earth connection -2-, in interior wiring harness

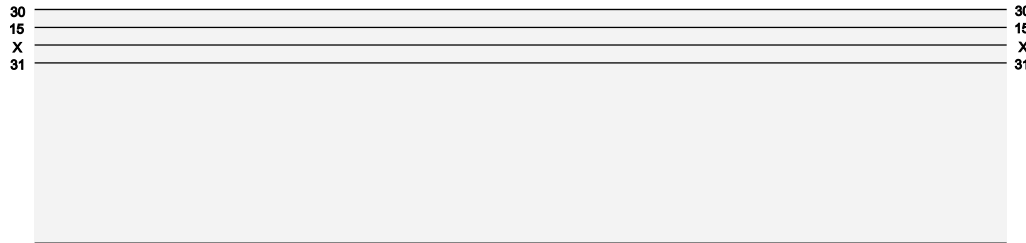
269 Earth connection (sender earth) -1-, in dash panel wiring harness

280 Earth connection, in communication systems wiring harness

* Only models with belt warning

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

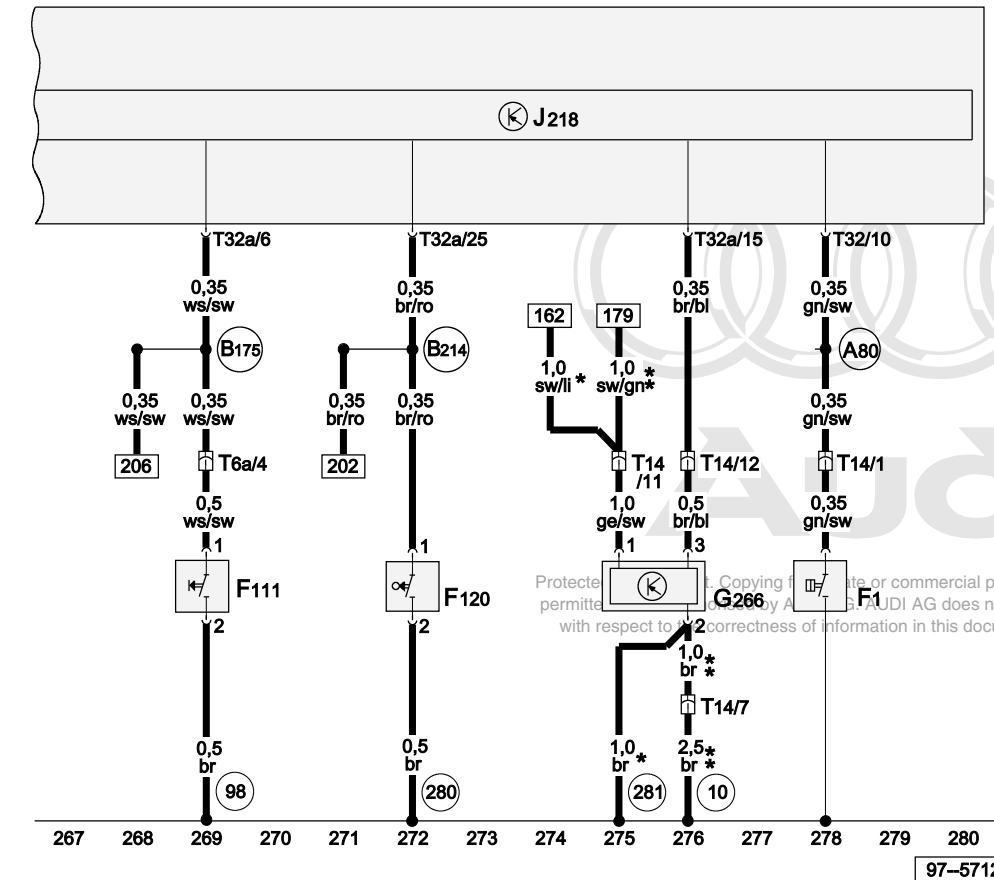




Combi-processor in dash panel insert, oil level/oil temperature sender, oil pressure switch

- F1 Oil pressure switch
- F111 Rear lid contact switch
- F120 Anti-theft alarm/vermin repellent system contact switch
- G266 Oil level/oil temperature sender
- J218 Combi-processor in dash panel insert
- T6a 6-pin connector, black, in luggage compartment, left
- T14 14-pin connector, in engine compartment, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

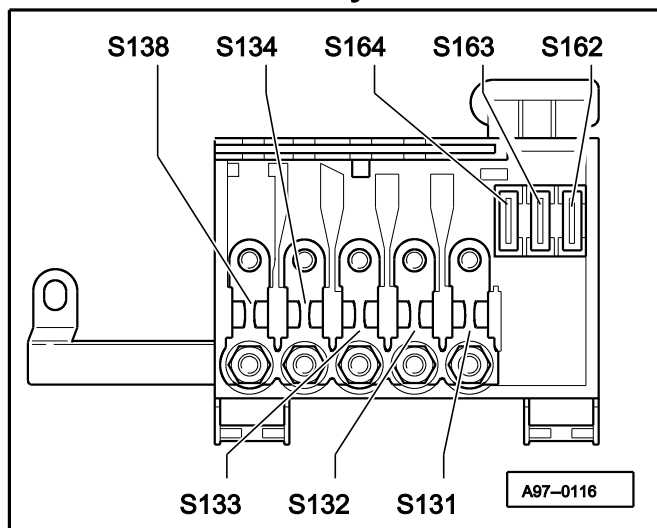
- 10 Earth point, in plenum chamber
- 98 Earth connection, in rear lid wiring harness
- 280 Earth connection, in communication systems wiring harness
- 281 Earth connection -1-, in engine wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- B175 Connection (central locking), in interior wiring harness
- B214 Connection -1- (central locking), in interior wiring harness
- * Only applies to diesel engines with manual gearbox and petrol engines with automatic gearbox
- ** Only applies to diesel engines with automatic gearbox



ws = white
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1.6 litre fuel injection engine (Simos), 75 kW, 4-cylinder, engine code BFQ

From model year 2003

Main fuse box/battery


◆ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

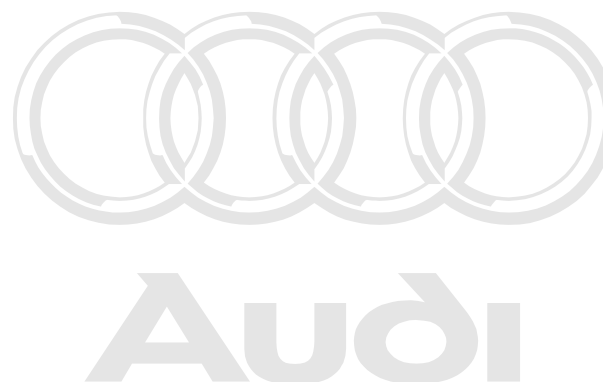
S134 - Fuse 4

S138 - Fuse 5

S162 - Fuse -1- (30), in fuse box/battery

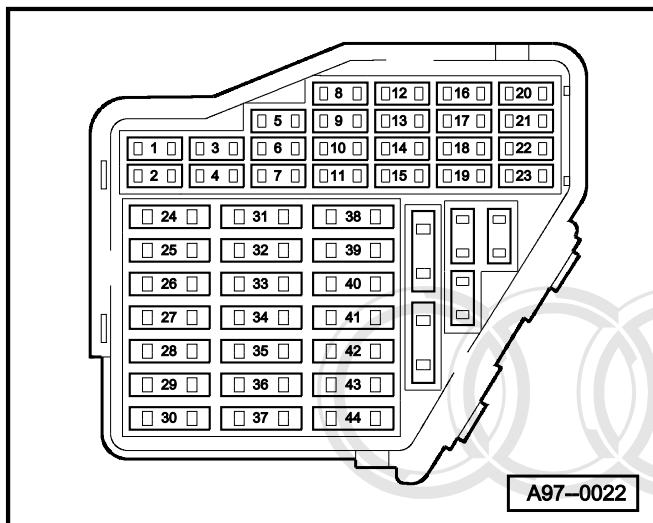
S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery



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Fuse box



◆ Dash panel, driver's side

Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige

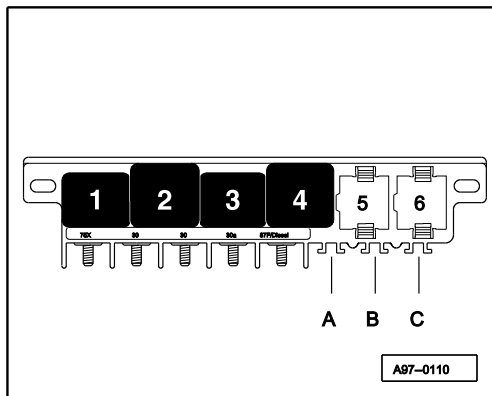


Note:

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

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Micro-central electrics

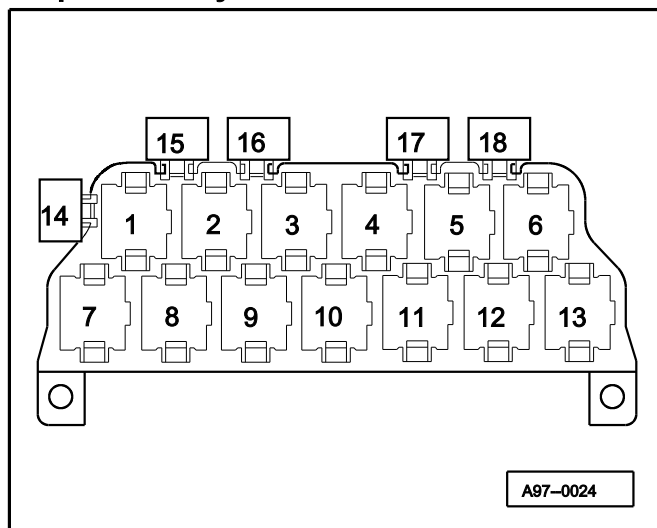


◆ Under driver's storage compartment

4 - Fuel pump relay (J17)

B - Brake vacuum pump fuse (S283)

13-point relay carrier



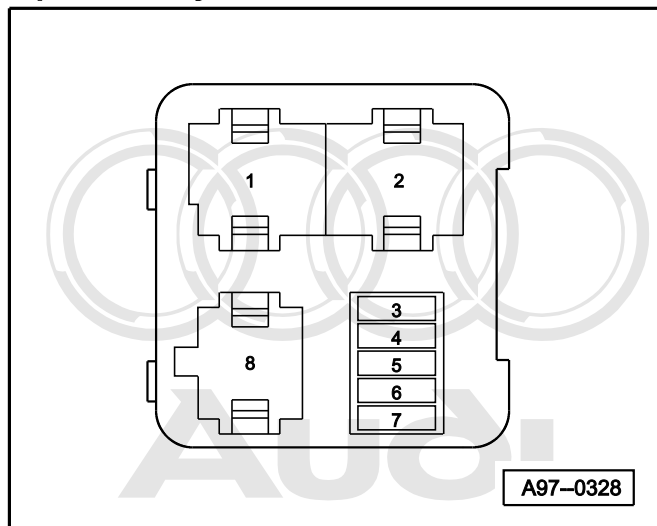
◆ Above micro-central electrics, under driver's storage compartment

11 - Starter inhibitor and reversing light relay (J226)



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3-point relay carrier/fuse box

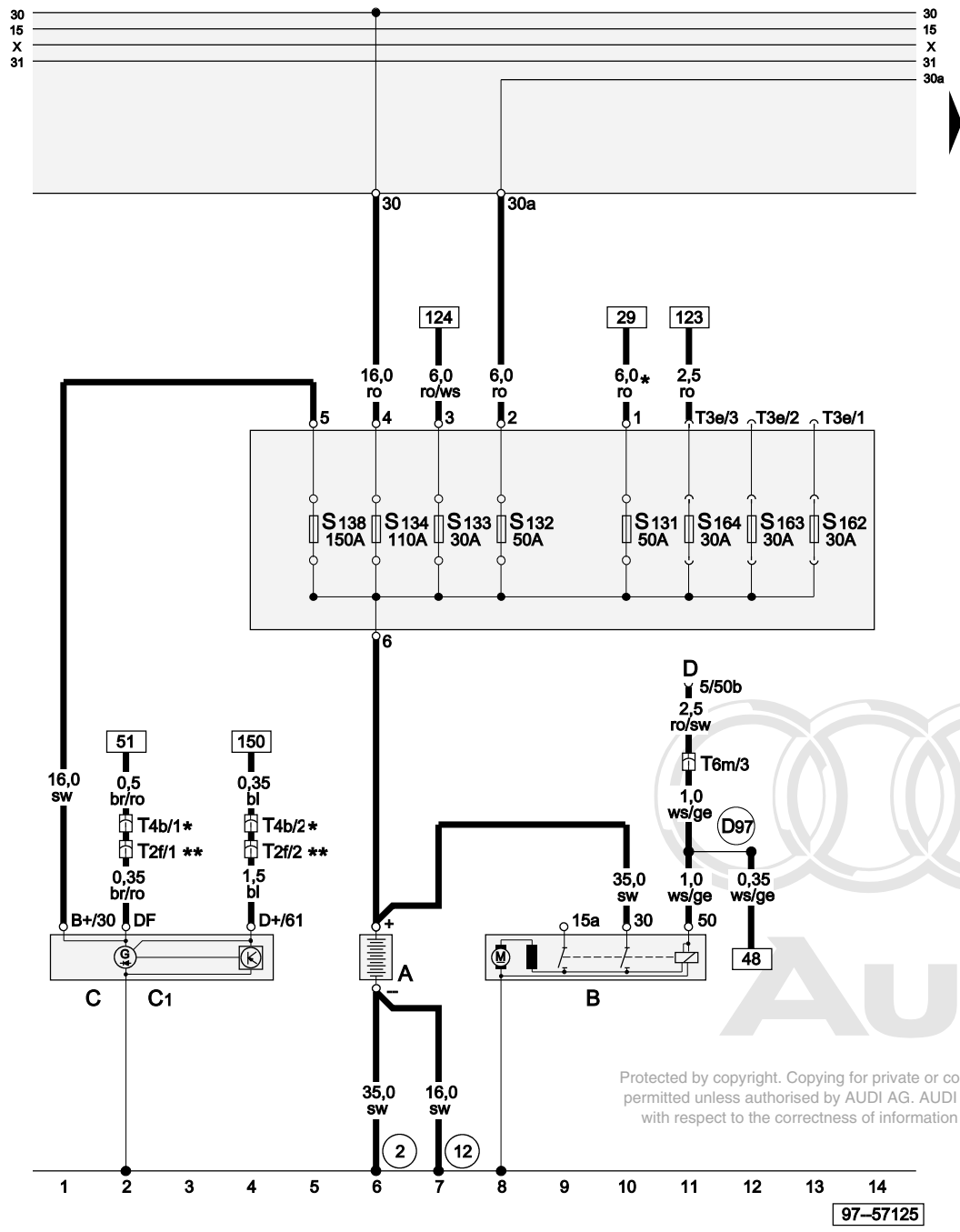


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◆ In engine compartment, front left, in plenum chamber, near brake master cylinder

1 - Secondary air pump relay (J299)

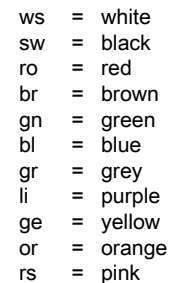
2 - Current supply relay for Simos control unit (J363)



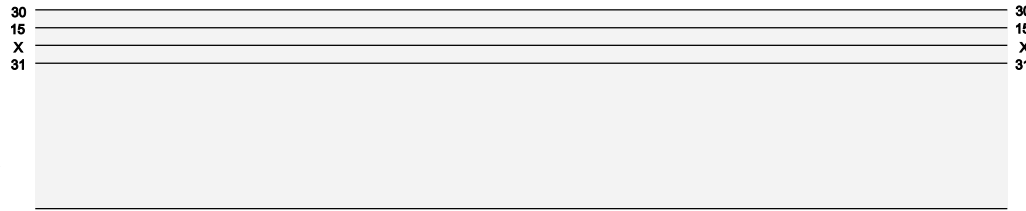
Battery, starter, alternator, fuses

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- S134 Fuse 4
- S138 Fuse 5
- S162 Fuse -1- (30), in fuse box/battery
- S163 Fuse -2- (30), in fuse box/battery
- S164 Fuse -3- (30), in fuse box/battery
- T2f 2-pin connector, alternator, in engine compartment, left
- T3e 3-pin connector, black, on main fuse box
- T4b 4-pin connector, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- 2 Earth strap, gearbox - body
- 12 Earth point, in engine compartment, left
- D97 Connection (50), in engine compartment wiring harness, right
- * Models with air conditioner
- ** Models without air conditioner

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D	Ignition/starter switch
G2	Coolant temperature sender
G62	Coolant temperature sender
J17	Fuel pump relay
J234	Airbag control unit
J361	Simos control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N79	Heater element (crankcase breather)
N156	Intake manifold change-over valve
T6m	6-pin connector, brown, in plenum chamber
T10	10-pin connector, white, in plenum chamber
T14	14-pin connector, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
269	Earth connection (sender earth) -1-, in dash panel wiring harness
A100	Connection -2- (87), in dash panel wiring harness
A125	Connection (crash signal), in dash panel wiring harness
B155	Connection -2- (TK (door contact)), in interior wiring harness
D140	Connection (injectors), in engine wiring harness
*	Only applies to models with heater element (crankcase breather)

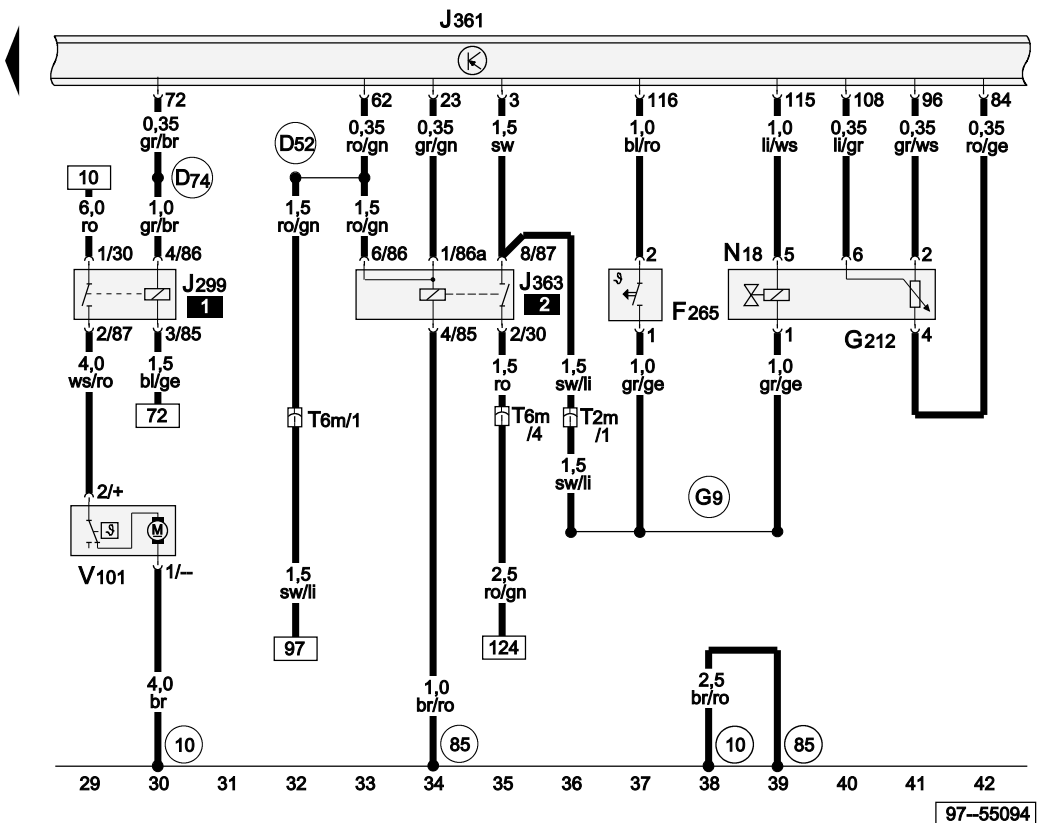


Simos control unit, current supply relay for Simos control unit, secondary air pump relay, map-controlled engine cooling thermostat, exhaust gas recirculation valve

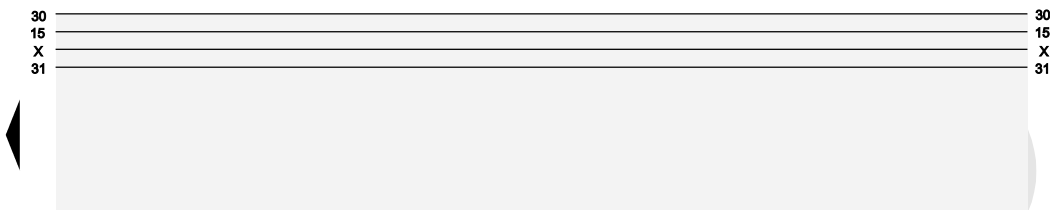
- F265 Map-controlled engine cooling thermostat
- G212 Exhaust gas recirculation potentiometer
- J299 Secondary air pump relay
- J361 Simos control unit
- J363 Current supply relay for Simos control unit
- N18 Exhaust gas recirculation valve
- T2m 2-pin connector, engine prewiring, wiring duct, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- V101 Secondary air pump motor

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- 10 Earth point, in plenum chamber
- 85 Earth connection -1-, in engine compartment wiring harness
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D74 Connection (86), in engine compartment wiring harness
- G9 Connection, in Simos wiring harness



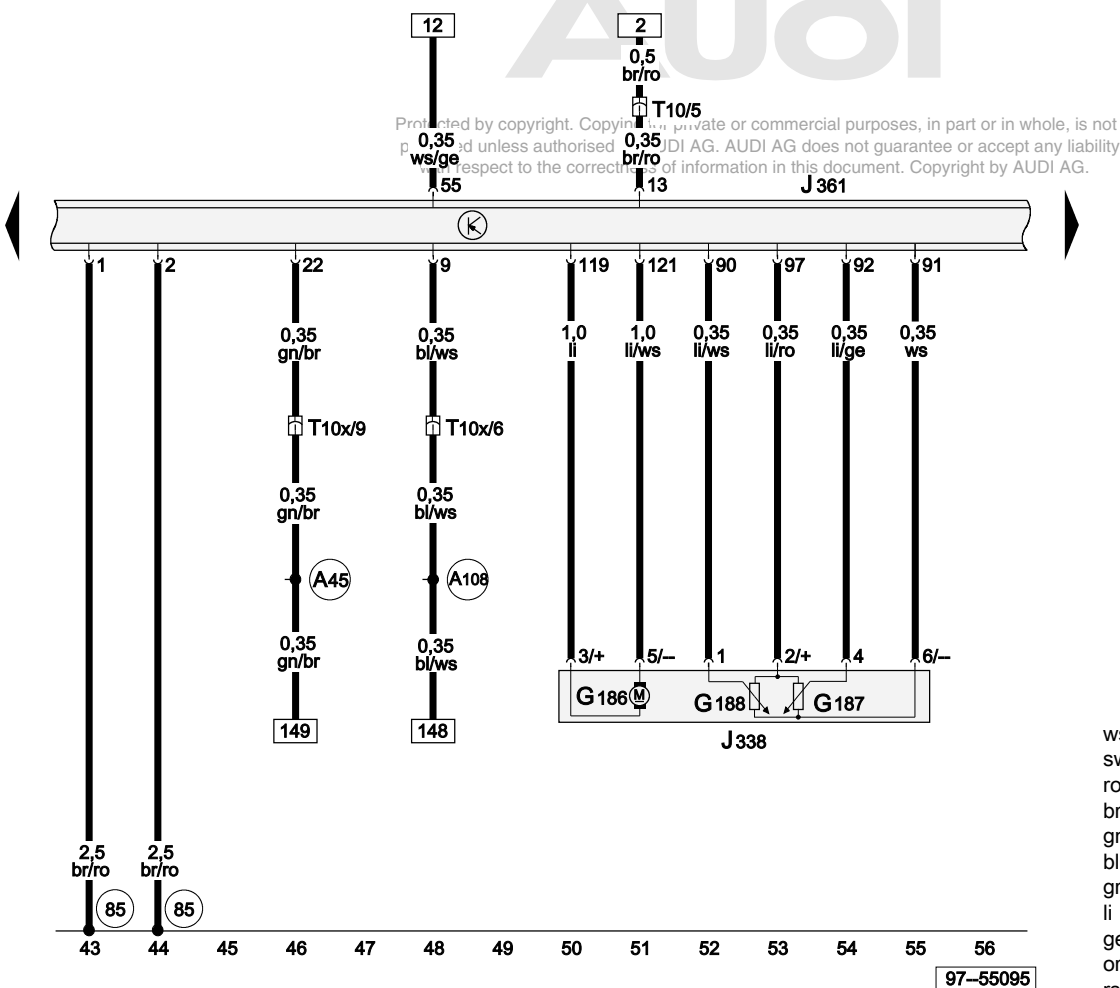
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

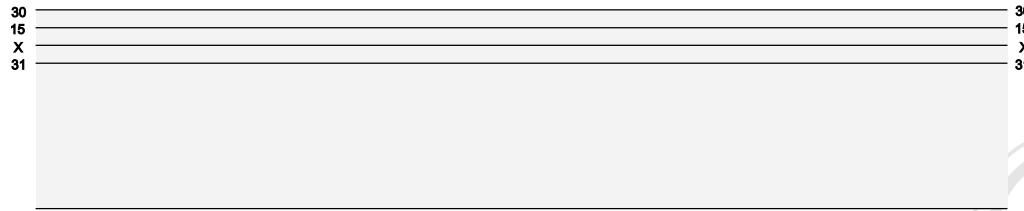


Simos control unit, throttle valve control unit, exhaust gas recirculation valve

- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J338 Throttle valve control unit
- J361 Simos control unit
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, in plenum chamber

- 85 Earth connection -1-, in engine compartment wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- A108 Connection (speed signal), in dash panel wiring harness





Simos control unit, accelerator pedal position senders, cruise control system switch, clutch pedal switch, brake light switch

- E45 Cruise control system switch
- F Brake light switch
- F36 Clutch pedal switch
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J361 Simos control unit
- T10 10-pin connector, white, in plenum chamber
- T10e 10-pin connector, black, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber

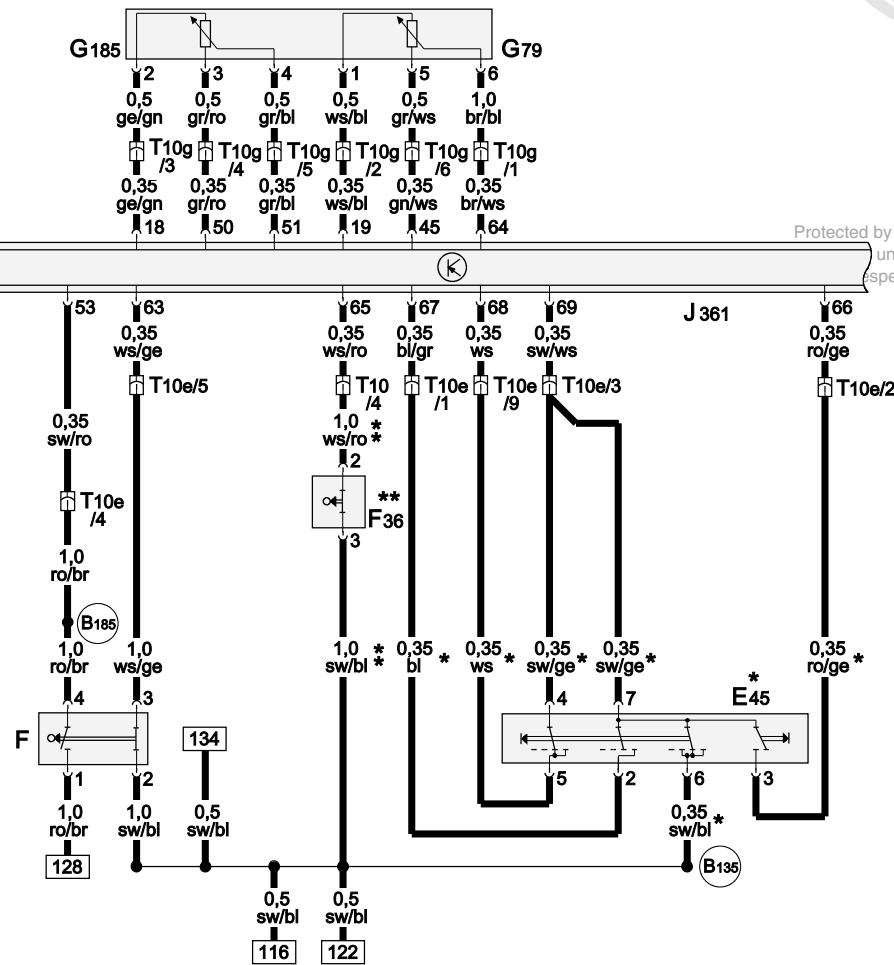
B135 Connection -1- (15a), in interior wiring harness

B185 Connection -2- (54), in interior wiring harness

* Only applies to models with cruise control system

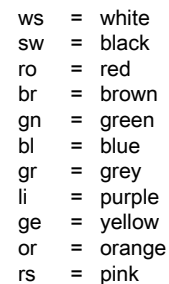
** Only applies to models with manual gearbox

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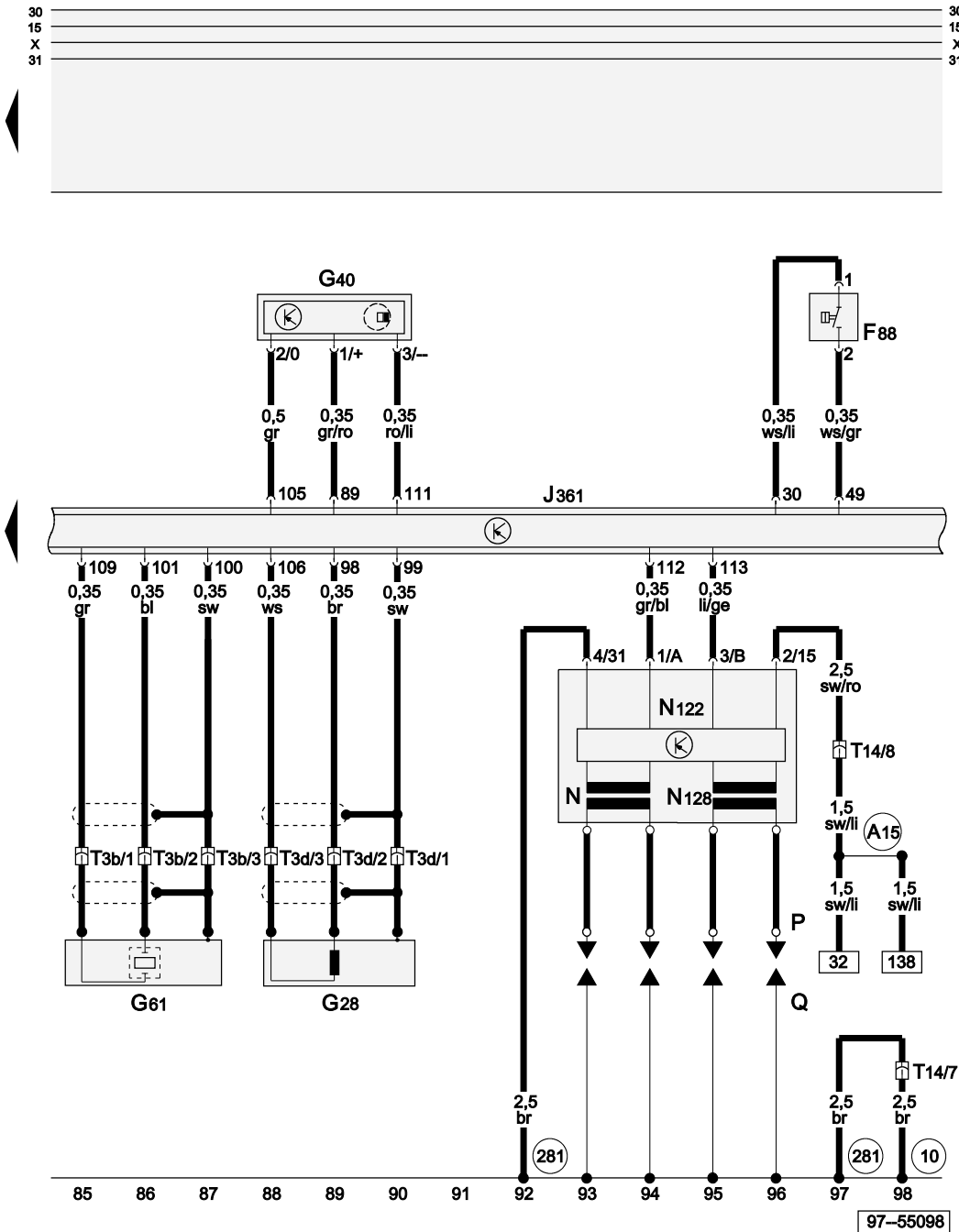
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97-55096



G39	Lambda probe
G70	Air mass meter
G130	Lambda probe downstream of catalytic converter
J361	Simos control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T4m	4-pin connector, lambda probe, in engine compartment, right
T6m	6-pin connector, brown, engine compartment, in plenum chamber
T6o	6-pin connector, lambda probe, in engine compartment, right
T10x	10-pin connector, orange, engine compartment, in plenum chamber
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

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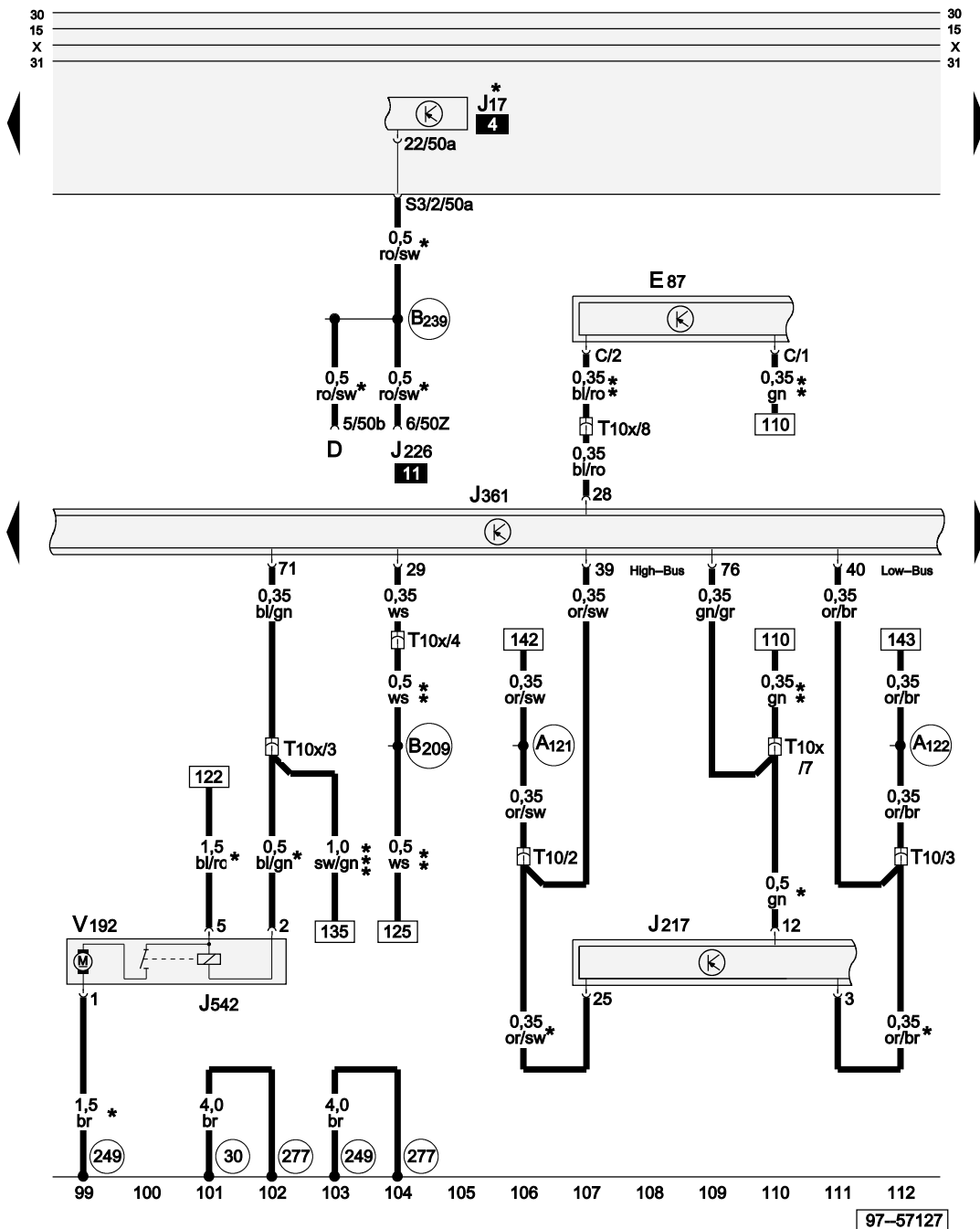
Simos control unit, Hall sender, engine speed sender, knock sensor I, ignition coils

- F88 Power assisted steering pressure switch
- G40 Hall sender
- G28 Engine speed sender
- G61 Knock sensor I
- J361 Simos control unit
- N Ignition coil
- N122 Final output stage
- N128 Ignition coil 2
- P Spark plug connector
- Q Spark plugs
- T3b 3-pin connector, blue, knock sensor I, in engine compartment
- T3d 3-pin connector, white, engine speed sender, in engine compartment
- T14 14-pin connector, in engine compartment, left

- 10 Earth point, in plenum chamber
- 281 Earth connection -1-, in engine prewiring wiring harness
- A15 Positive (+) connection (15), in dash panel wiring harness

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ws = white
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or = orange
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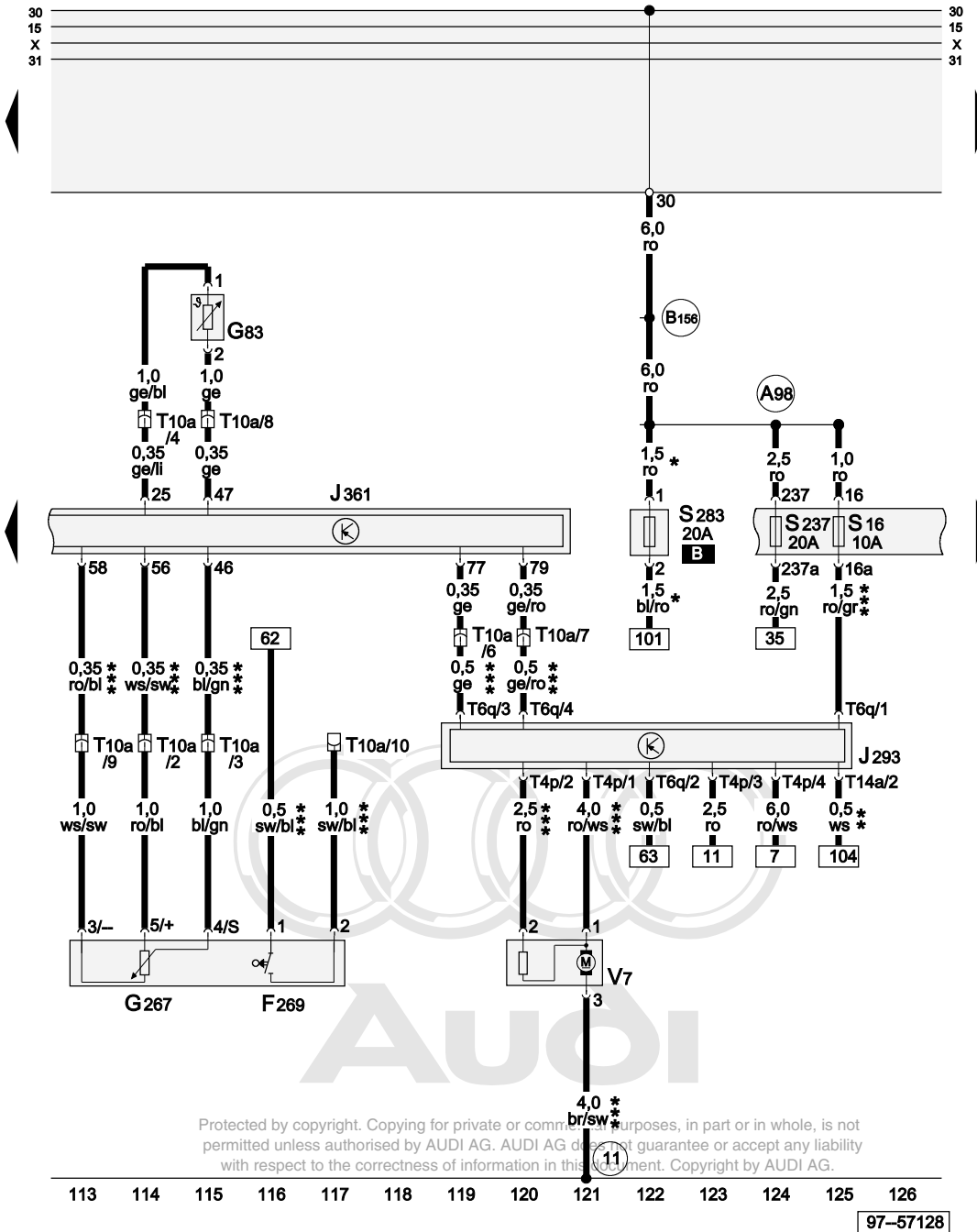
Simos control unit, brake servo control unit, automatic gearbox control unit, control and display unit for air conditioner/Climatronic

- D Ignition/starter switch
- E87 Control and display unit for air conditioner/Climatronic
- J17 Fuel pump relay
- J217 Automatic gearbox control unit
- J226 Starter inhibitor and reversing light relay
- J361 Simos control unit
- J542 Brake servo control unit
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, engine compartment, in plenum chamber
- V192 Vacuum pump for brakes

- 30 Earth point -1-, next to relay plate
- 249 Earth connection -2-, in interior wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A121 Connection (high bus), in dash panel wiring harness
- A122 Connection (low bus), in dash panel wiring harness
- B209 Connection (Climatronic sender), in interior wiring harness
- B239 Positive (+) connection -1- (50), in interior wiring harness

* Only models with automatic gearbox
 ** Only applies to models with air conditioner
 *** Only models with manual gearbox

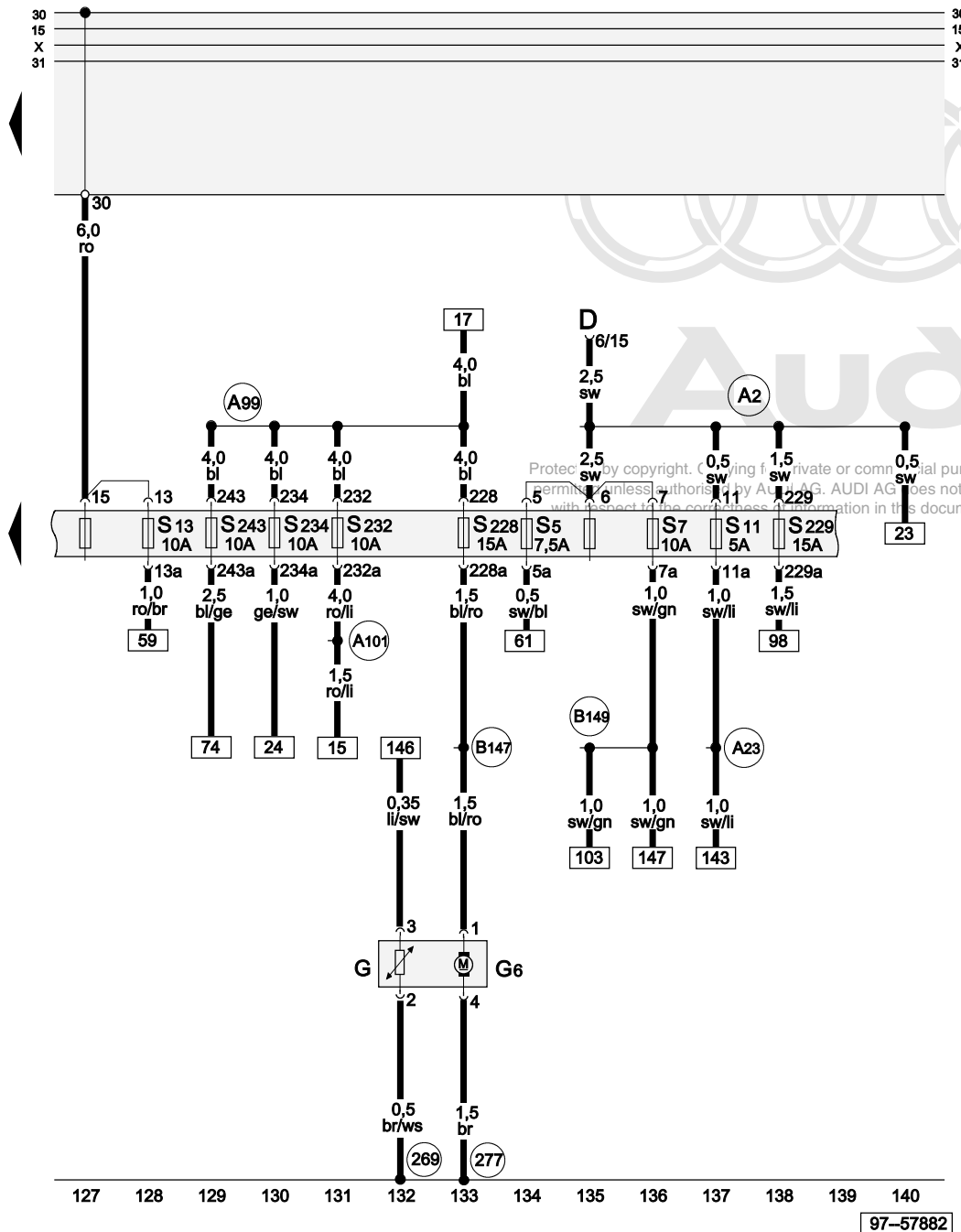
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Simos control unit, coolant temperature sender, radiator fan control unit

- F269 Temperature flap position switch
- G83 Coolant temperature sender - radiator outlet
- G267 Temperature selection rotary knob potentiometer
- J293 Radiator fan control unit
- J361 Simos control unit
- S16 Fuse in fuse box/relay plate
- S237 Fuse in fuse box
- S283 Brake vacuum pump fuse
- T4p 4-pin connector, on radiator fan control unit
- T6q 6-pin connector, on radiator fan control unit
- T10a 10-pin connector, green, in plenum chamber
- T14a 14-pin connector, air conditioner control unit (radiator fan)
- V7 Radiator fan
- 11 Earth point, in battery box
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- * Only models with automatic gearbox
- ** Only applies to models with air conditioner
- *** Only applies to models without air conditioner

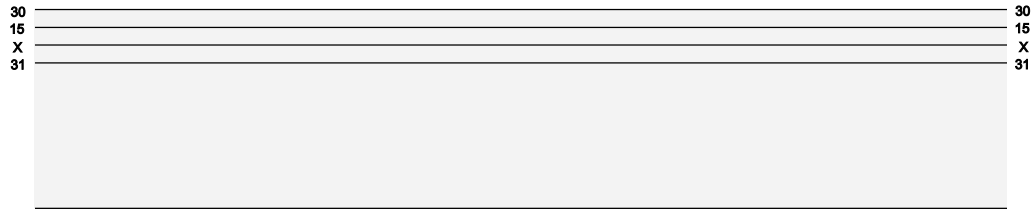
ws = white
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 bl = blue
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 li = purple
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 or = orange
 rs = pink



Fuses, fuel gauge sender, fuel pump

- D Ignition/starter switch
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- S5 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S13 Fuse in fuse box/relay plate
- S228 Fuse in fuse box
- S229 Fuse in fuse box
- S232 Fuse in fuse box
- S234 Fuse in fuse box
- S243 Fuse in fuse box
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A23 Connection (30al), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A101 Connection -3- (87), in dash panel wiring harness
- B147 Positive (+) connection -2- (87), in interior wiring harness
- B149 Positive (+) connection -2- (15a), in interior wiring harness

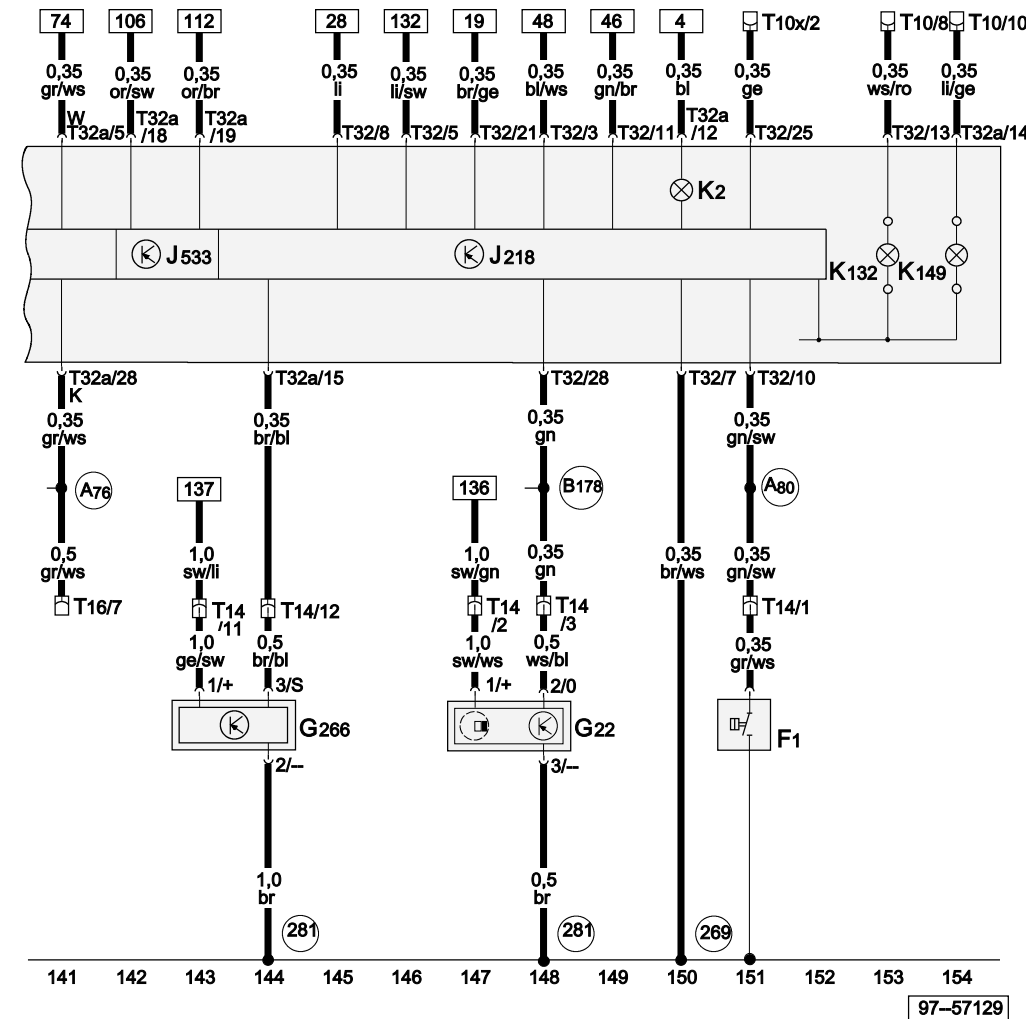
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sw = black
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gn = green
bl = blue
gr = grey
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Dash panel insert, oil pressure switch, speedometer sender (Hall sender, on gearbox), oil level/oil temperature sender

- F1 Oil pressure switch
- G22 Speedometer sender (Hall sender, on gearbox)
- G266 Oil level/oil temperature sender
- J218 Combi-processor in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K132 Electronic power control fault lamp
- K149 Engine electronics warning lamp
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- T16 16-pin connector, black, centre console compartment (diagnostic connector)
- 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
- 281 Earth connection -1-, in engine wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- B178 Connection (speed signal), in interior wiring harness



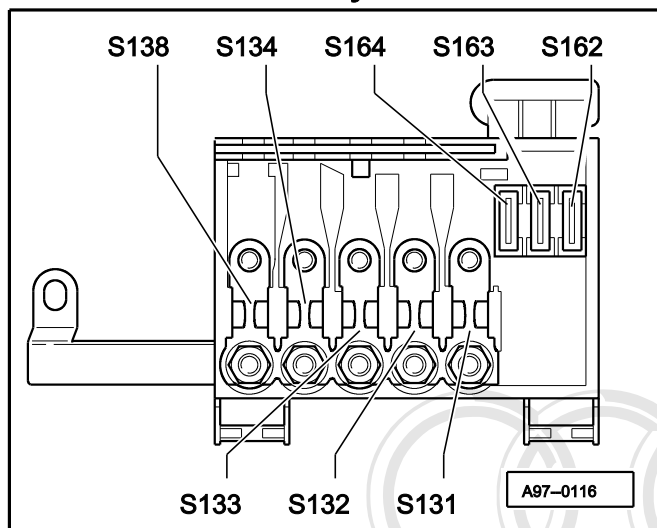
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1.8 litre fuel injection engine (Motronic), 92 kW, 4-cylinder, engine code APG

From model year 2003

Main fuse box/battery



♦ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

S134 - Fuse 4

S138 - Fuse 5

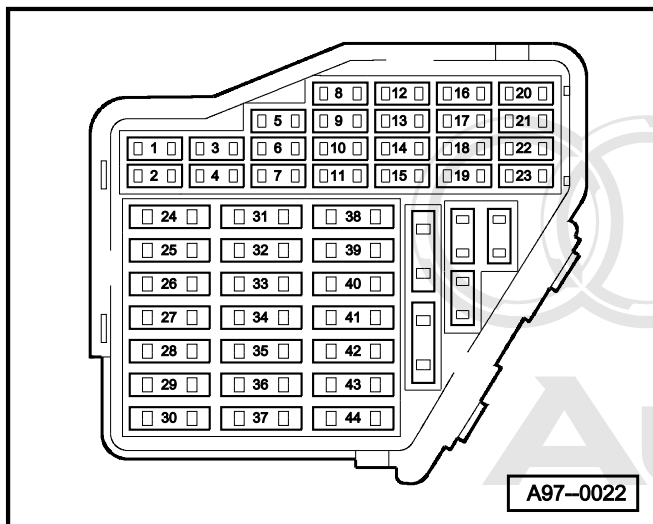
S162 - Fuse -1- (30), in fuse box/battery

S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery

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Fuse box



- ◆ Dash panel, driver's side

Fuse colours

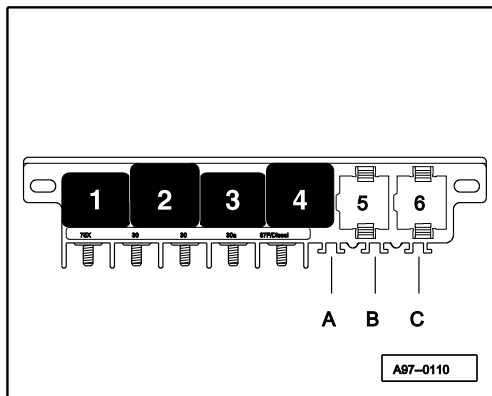
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige



Note:

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

Micro-central electrics

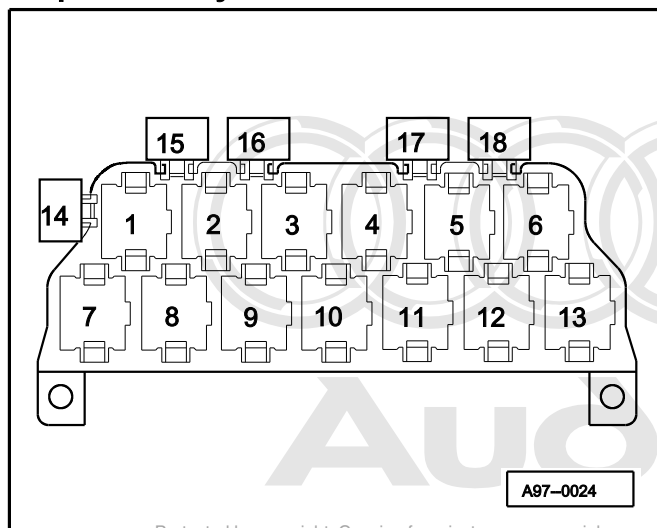


◆ Under driver's storage compartment

4 - Fuel pump relay (J17)

B - Brake vacuum pump fuse (S283)

13-point relay carrier

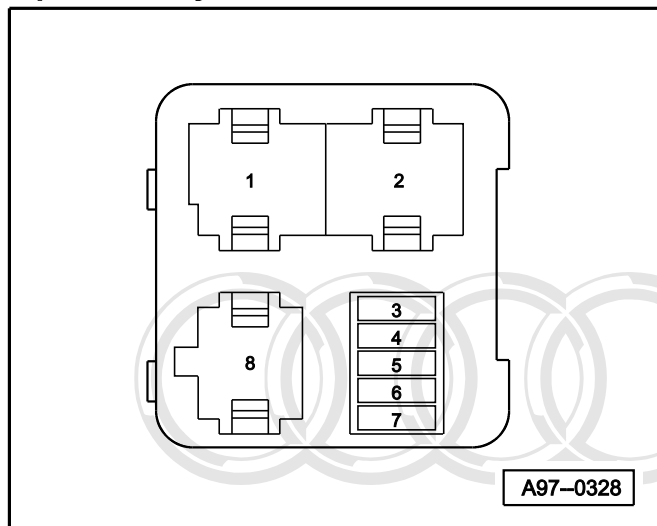


◆ Above micro-central electrics, under driver's storage compartment

11 - Starter inhibitor and reversing light relay (J226)

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3-point relay carrier/fuse box



◆ In engine compartment, front left, in plenum chamber, near brake master cylinder

1 - Secondary air pump relay (J299)

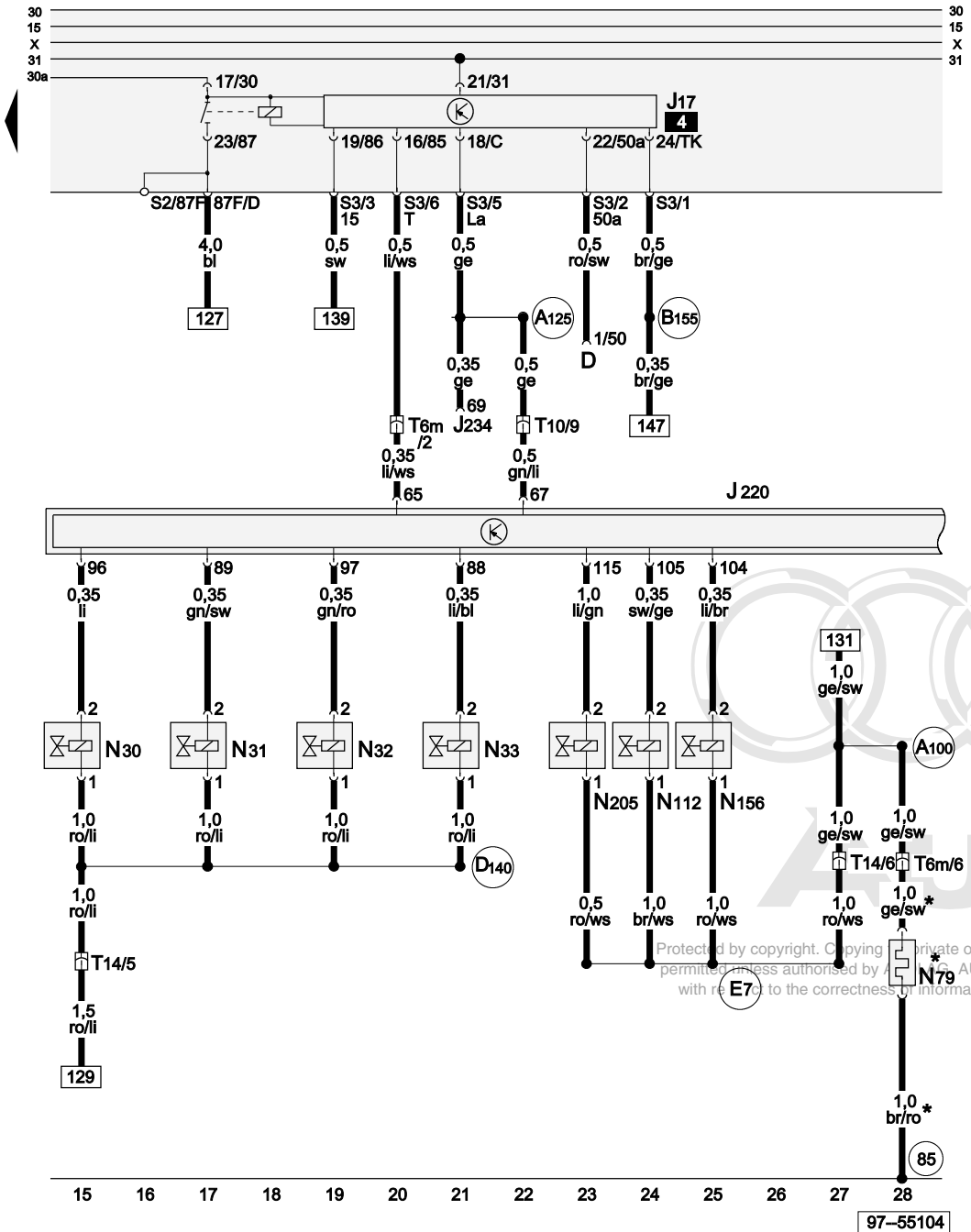
2 - Motronic current supply relay (J271)

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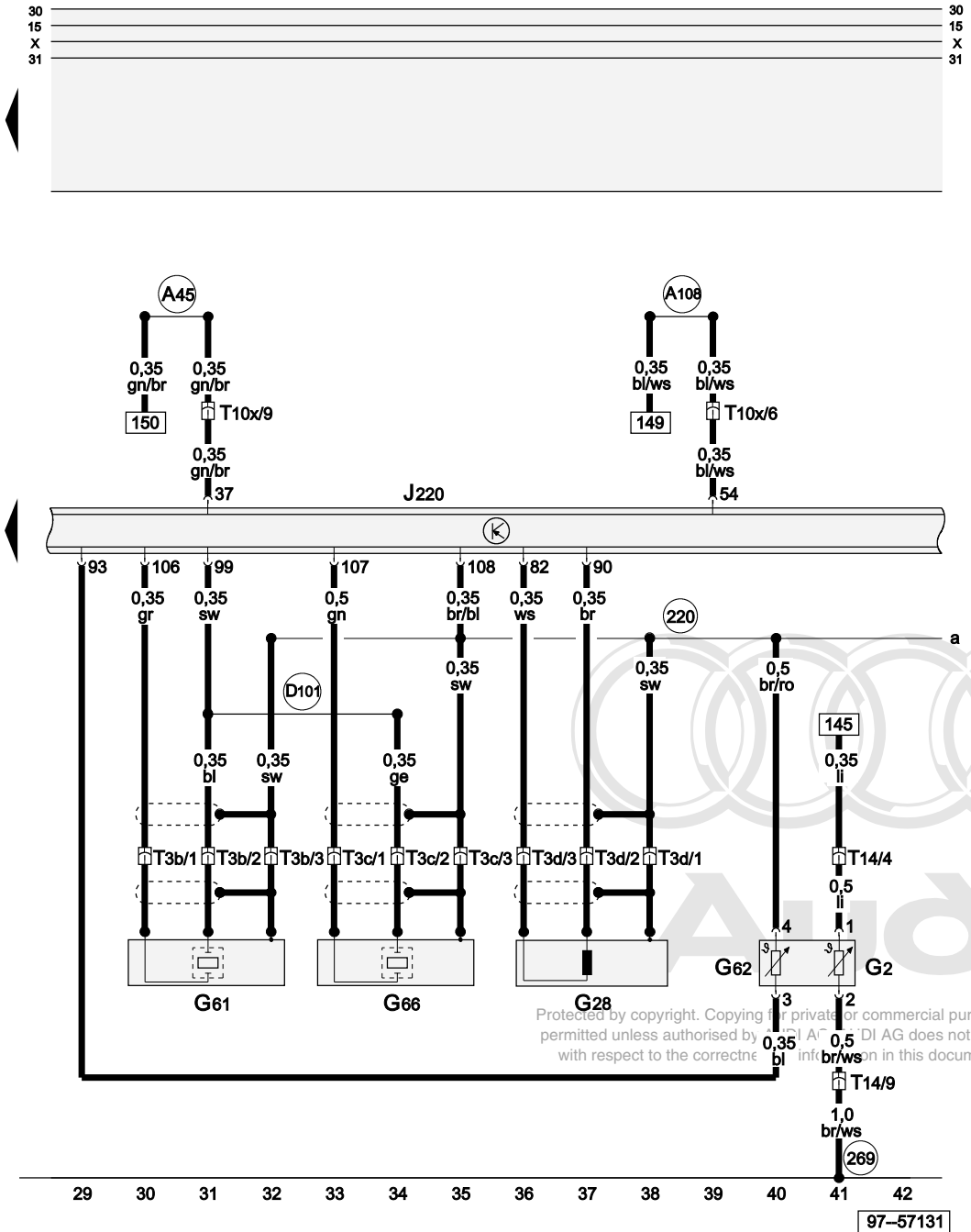
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Motronic control unit, fuel pump relay, injectors, solenoid valves

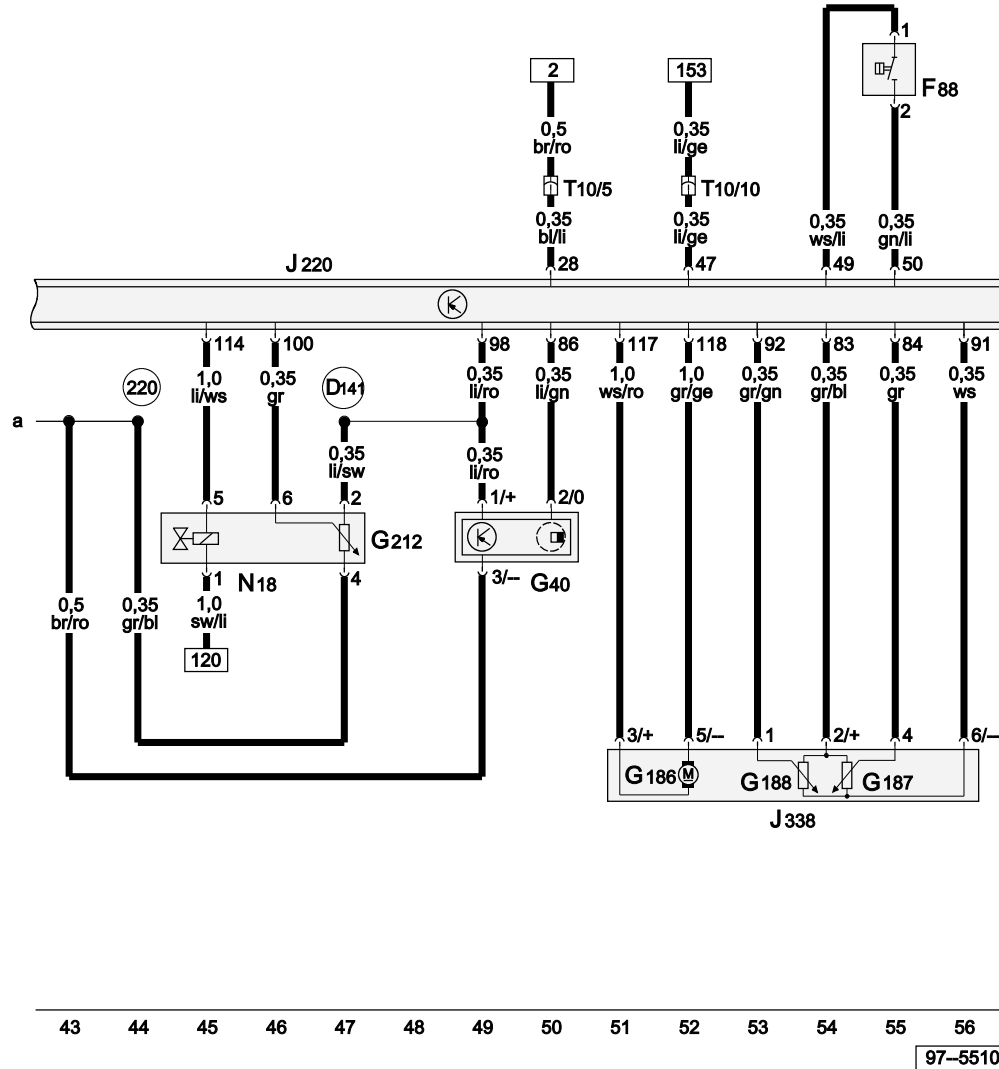
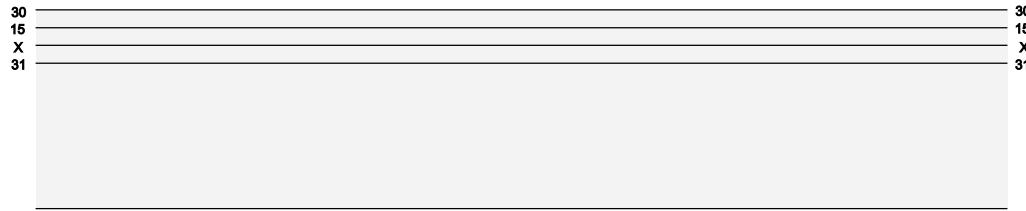
- D Ignition/starter switch
- J17 Fuel pump relay
- J220 Motronic control unit
- J234 Airbag control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N79 Heater element (crankcase breather)
- N112 Secondary air inlet valve
- N156 Intake manifold change-over valve
- N205 Inlet camshaft timing adjustment valve -1-
- T6m 6-pin connector, brown, in plenum chamber
- T10 10-pin connector, white, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 85 Earth connection -1-, in engine compartment wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- B155 Connection -2- (TK (door contact)), in interior wiring harness
- D140 Connection (injectors), in engine wiring harness
- E7 Positive (+) connection (87a), in Motronic wiring harness
- * Only applies to models with heater element (crankcase breather)

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Motronic control unit, knock sensors, engine speed sender, coolant temperature senders

- G2 Coolant temperature sender
- G28 Engine speed sender
- G61 Knock sensor I
- G62 Coolant temperature sender
- G66 Knock sensor II
- J220 Motronic control unit
- T3b 3-pin connector, blue, knock sensor I, in engine compartment
- T3c 3-pin connector, grey, knock sensor II, in engine compartment
- T3d 3-pin connector, white, engine speed sender, in engine compartment
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 220 Earth connection (sender earth), in engine wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- A108 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

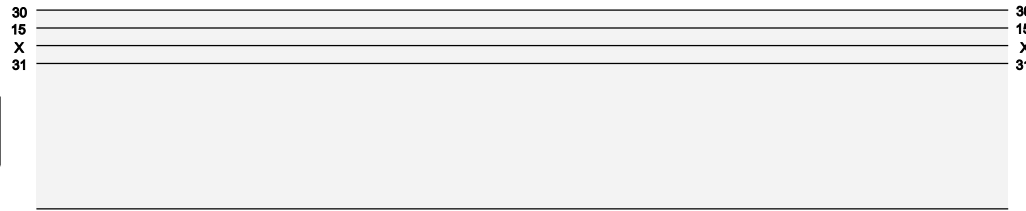


Motronic control unit, throttle valve control unit, power assisted steering pressure switch, Hall sender, exhaust gas recirculation valve

- F88 Power assisted steering pressure switch
- G40 Hall sender
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- G212 Exhaust gas recirculation potentiometer
- J220 Motronic control unit
- J338 Throttle valve control unit
- N18 Exhaust gas recirculation valve
- T10 10-pin connector, white, in plenum chamber
- 220 Earth connection (sender earth), in engine wiring harness
- D141 Connection (5V), in engine prewiring wiring harness

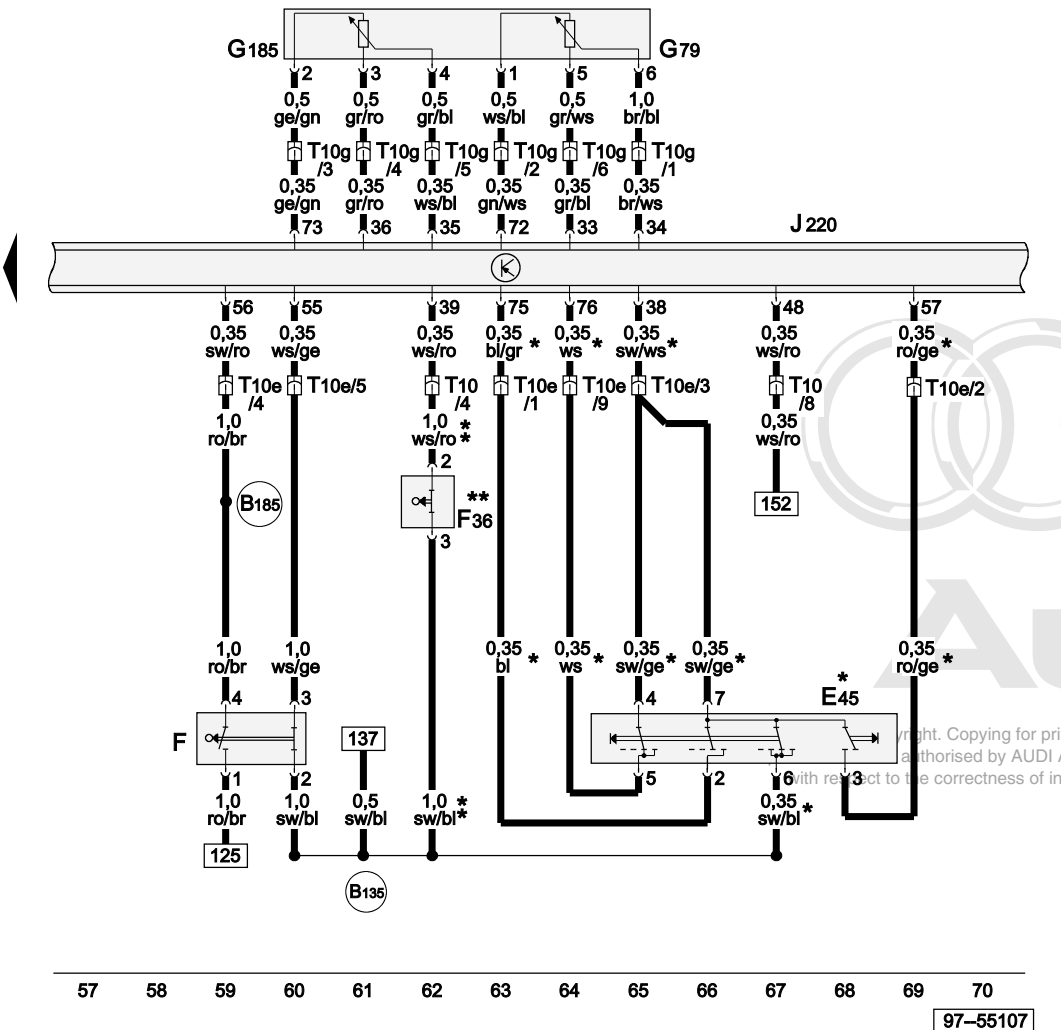
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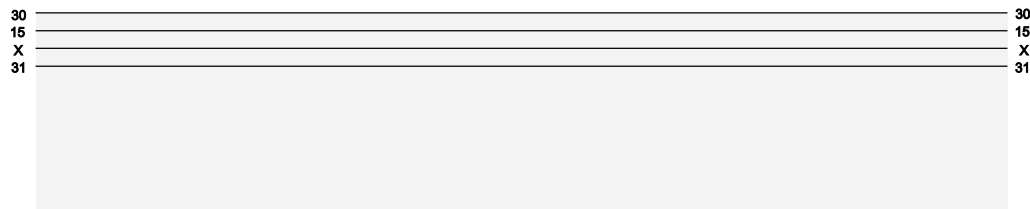
Motronic control unit, accelerator pedal position senders, brake light switch, clutch pedal switch, cruise control system switch

- E45 Cruise control system switch
- F Brake light switch
- F36 Clutch pedal switch
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J220 Motronic control unit
- T10 10-pin connector, white, in plenum chamber
- T10e 10-pin connector, black, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber
- B135 Connection -1- (15a), in interior wiring harness
- B185 Connection -2- (54), in interior wiring harness
- * Only applies to models with cruise control system
- ** Only applies to models with manual gearbox



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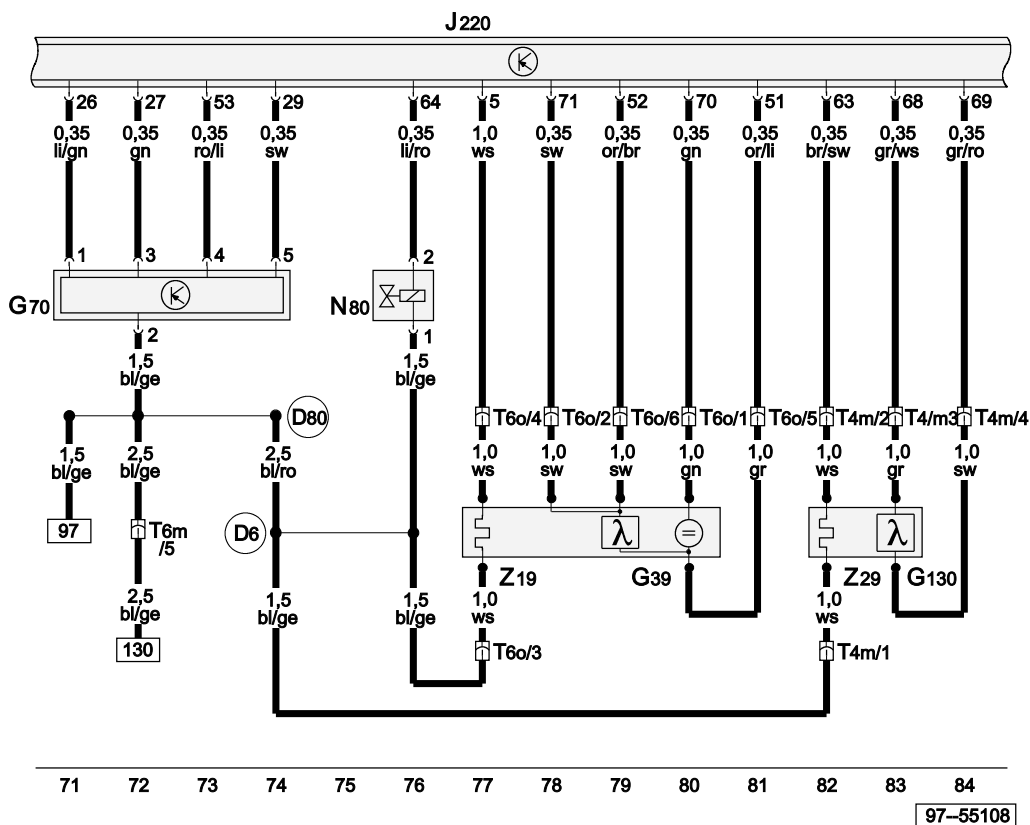
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Motronic control unit, air mass meter, activated charcoal filter system solenoid valve 1, lambda probes

- G39 Lambda probe
- G70 Air mass meter
- G130 Lambda probe downstream of catalytic converter
- J220 Motronic control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- T4m 4-pin connector, lambda probe, in engine compartment, right
- T6m 6-pin connector, brown, in plenum chamber
- T6o 6-pin connector, lambda probe, in engine compartment, right
- Z19 Lambda probe heater

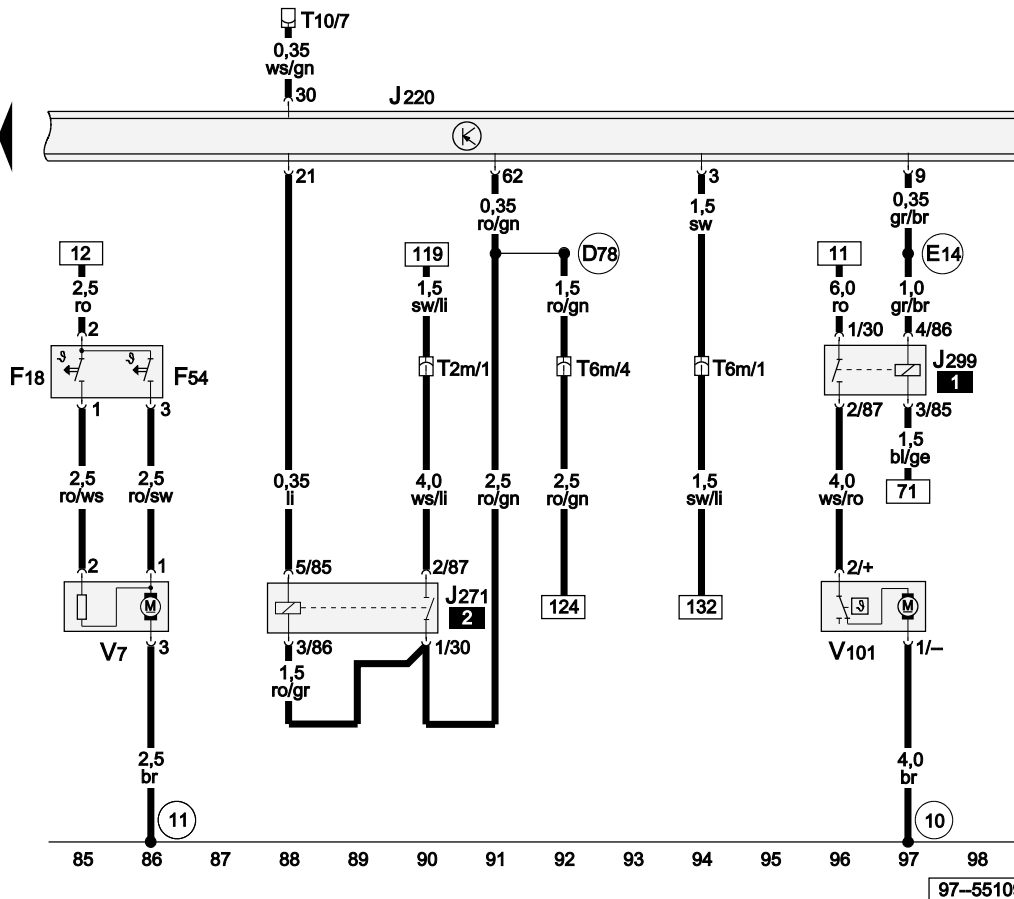
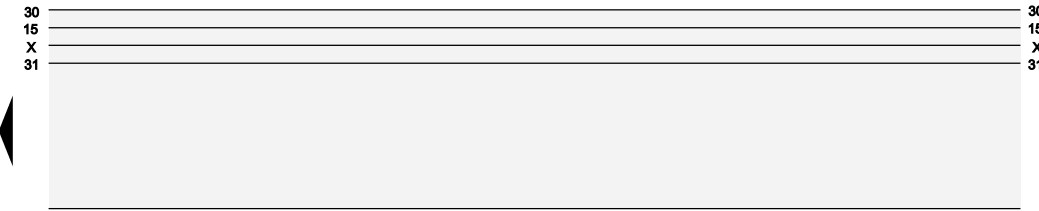
- D6 Connection (lambda), in front right wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness



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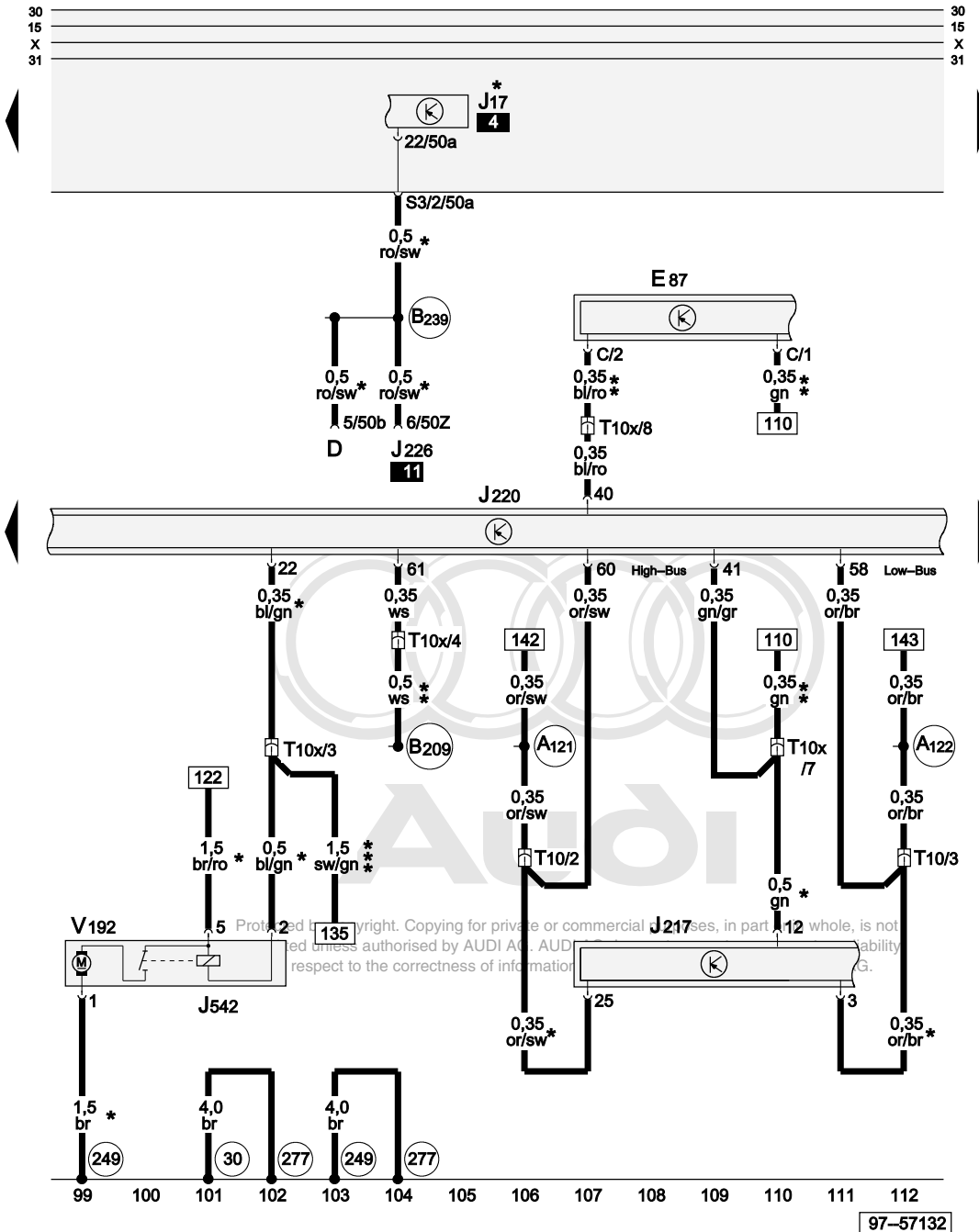
Motronic control unit, Motronic current supply relay, secondary air pump relay, radiator fan

- F18 Radiator fan thermo-switch
- F54 Radiator fan thermo-switch
- J220 Motronic control unit
- J271 Motronic current supply relay
- J299 Secondary air pump relay
- T2m 2-pin connector, engine prewiring, wiring duct, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- T10 10-pin connector, white, in plenum chamber
- V7 Radiator fan
- V101 Secondary air pump motor

- 10 Earth point, in plenum chamber
- 11 Earth point, in battery box
- D78 Positive (+) connection -1- (30a), in engine compartment wiring harness
- E14 Connection -1-, in Motronic wiring harness

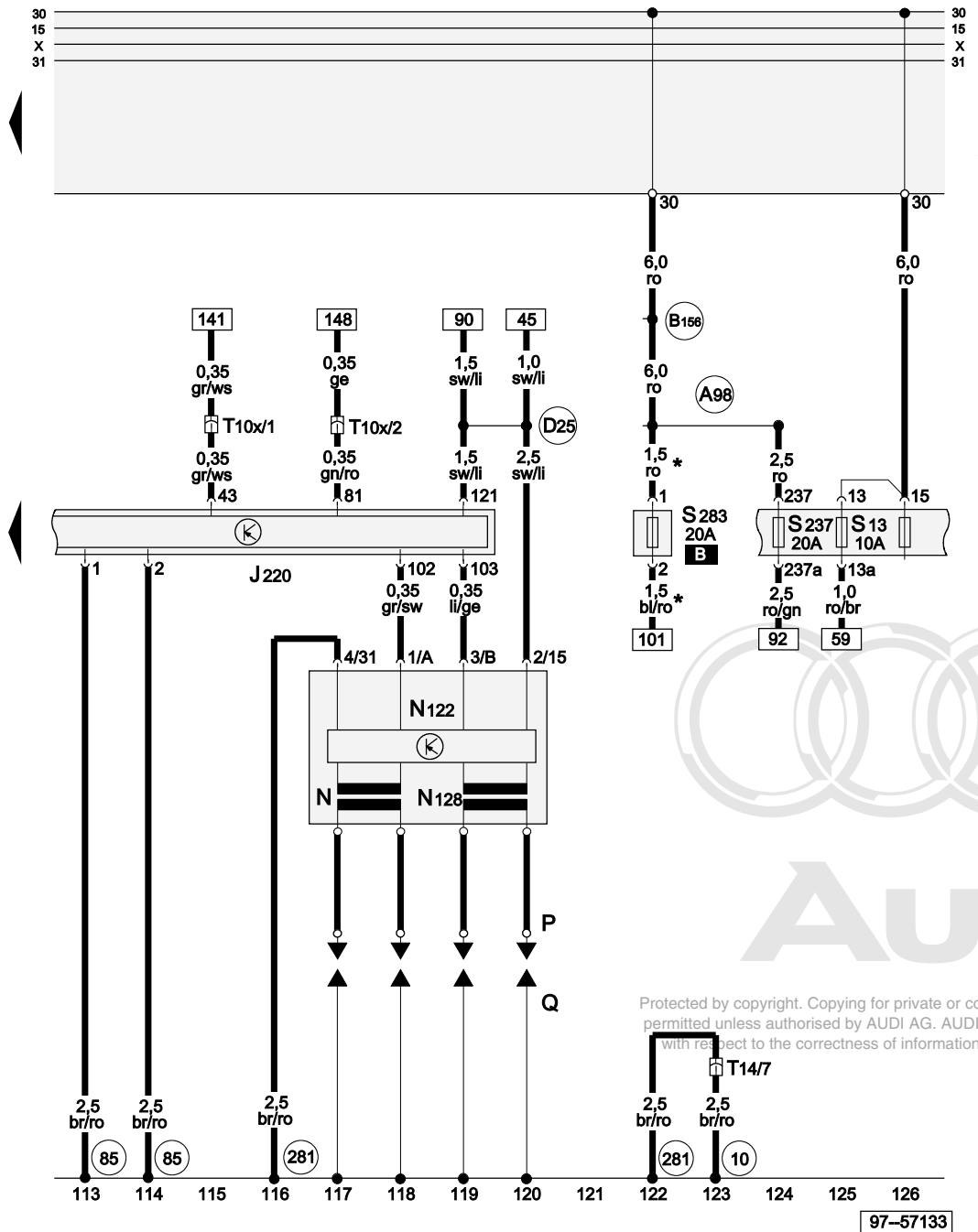
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Motronic control unit, automatic gearbox control unit, vacuum pump for brakes, control and display unit for air conditioner/Climatronic

- D Ignition/starter switch
- E87 Control and display unit for air conditioner/Climatronic
- J17 Fuel pump relay
- J217 Automatic gearbox control unit
- J220 Motronic control unit
- J226 Starter inhibitor and reversing light relay
- J542 Brake servo control unit
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, engine compartment, in plenum chamber
- V192 Vacuum pump for brakes
- 30 Earth point -1-, next to relay plate
- 249 Earth connection -2-, in interior wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A121 Connection (high bus), in dash panel wiring harness
- A122 Connection (low bus), in dash panel wiring harness
- B209 Connection (Climatronic sender), in interior wiring harness
- B239 Positive (+) connection -1- (50), in interior wiring harness
- * Only models with automatic gearbox
- ** Only applies to models with air conditioner
- *** Only models with manual gearbox



Motronic control unit, ignition coils, fuses

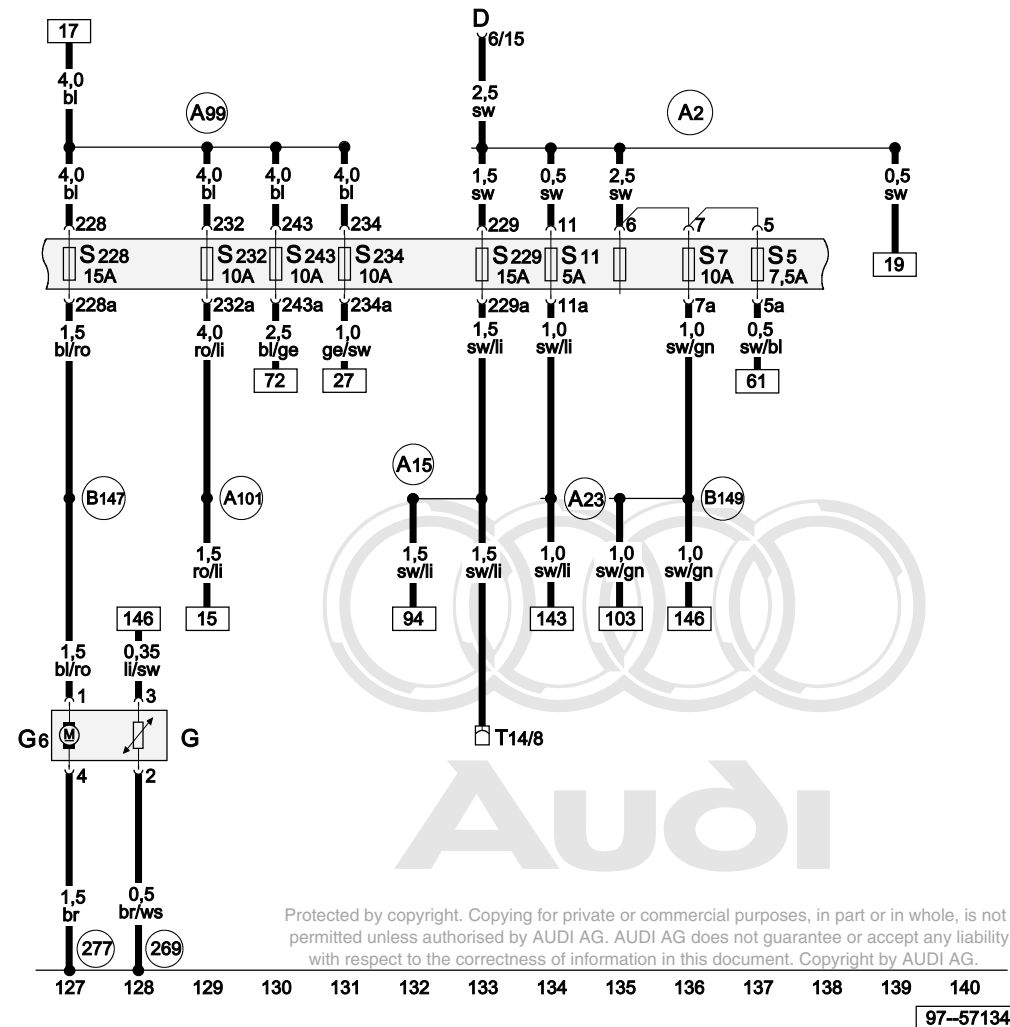
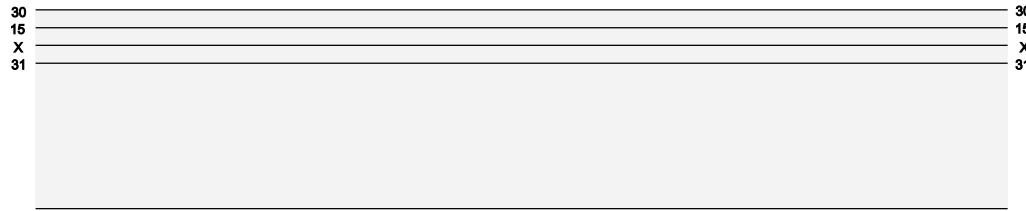
- J220 Motronic control unit
- N Ignition coil
- N122 Final output stage
- N128 Ignition coil 2
- P Spark plug connector
- Q Spark plugs
- S13 Fuse in fuse box/relay plate
- S237 Fuse in fuse box
- S283 Brake vacuum pump fuse
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left

- 10 Earth point, in plenum chamber
- 85 Earth connection -1-, in engine compartment wiring harness
- 281 Earth connection -1-, in engine wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- D25 Positive (+) connection (15), in engine wiring harness

* Only models with automatic gearbox

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Fuses, fuel pump

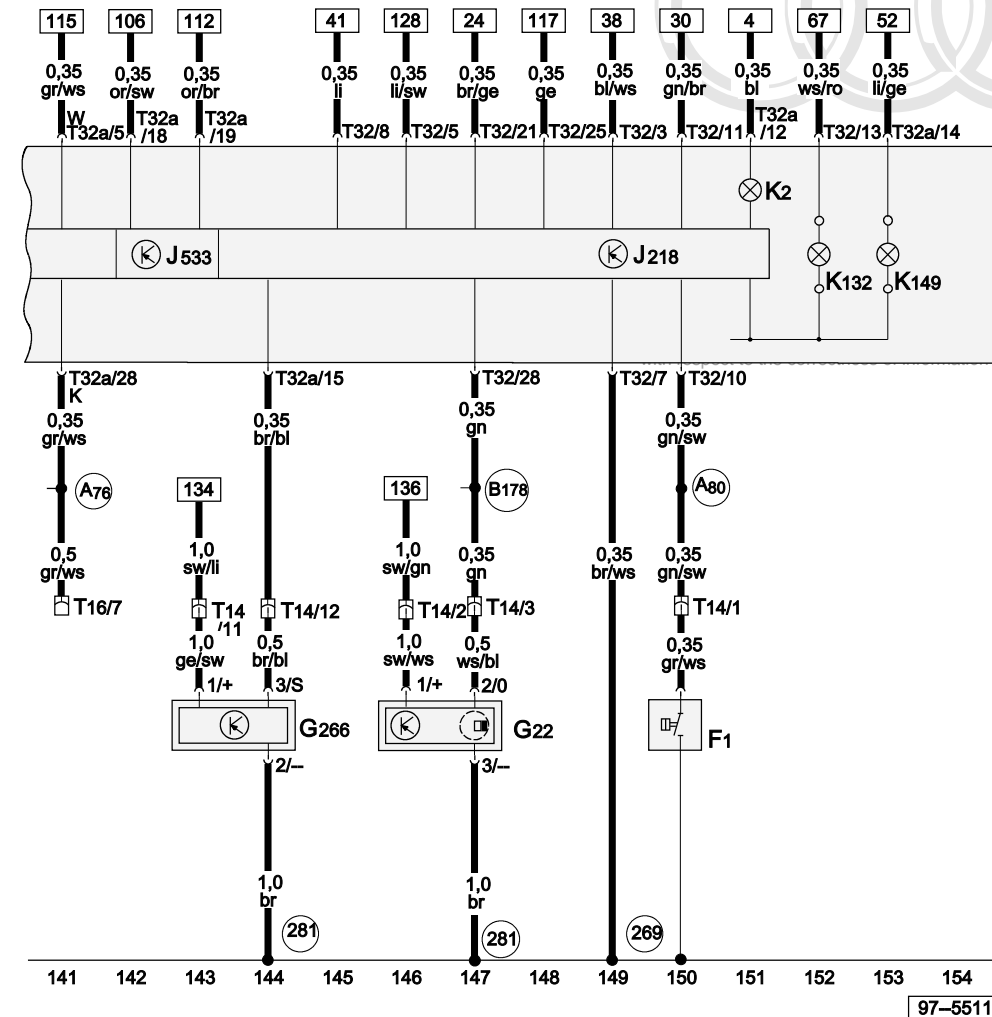
- D Ignition/starter switch
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- S5 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S228 Fuse in fuse box
- S229 Fuse in fuse box
- S232 Fuse in fuse box
- S234 Fuse in fuse box
- S243 Fuse in fuse box
- T14 14-pin connector, in engine compartment, left
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A15 Positive (+) connection (15), in dash panel wiring harness
- A23 Connection (30a), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A101 Connection -3- (87), in dash panel wiring harness
- B147 Positive (+) connection -2- (87), in interior wiring harness
- B149 Positive (+) connection -2- (15a), in interior wiring harness

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X
31

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



- F1 Oil pressure switch
- G22 Speedometer sender (Hall sender, on gearbox)
- G266 Oil level/oil temperature sender
- J218 Combi-processor in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K132 Electronic power control fault lamp
- K149 Engine electronics warning lamp
- T14 14-pin connector, in engine compartment, left
- T16 16-pin connector, black, centre console compartment (diagnostic connector)
- 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
- 281 Earth connection -1-, in engine wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- B178 Connection (speed signal), in interior wiring harness

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1.8 litre fuel injection engine (Motronic), 165 kW, 4-cylinder, engine code BAM

From model year 2003

1.8 litre fuel injection engine (Motronic), 132 kW, 4-cylinder, engine codes ARY, AUQ

From model year 2003

1.8 litre fuel injection engine (Motronic), 110 kW, 4-cylinder, engine codes ARX, AUM

From model year 2003

1.8 litre fuel injection engine (Motronic), 110 kW, 4-cylinder, engine codes ARX, From model year 2003

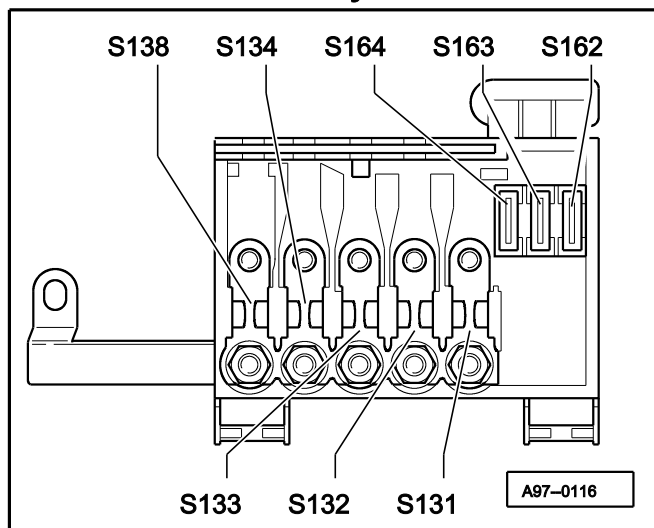
From model year 2003

1.8 litre fuel injection engine (Motronic), 132 kW, 4-cylinder, engine codes ARY, From model year 2003

From model year 2003

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Main fuse box/battery



♦ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

S134 - Fuse 4

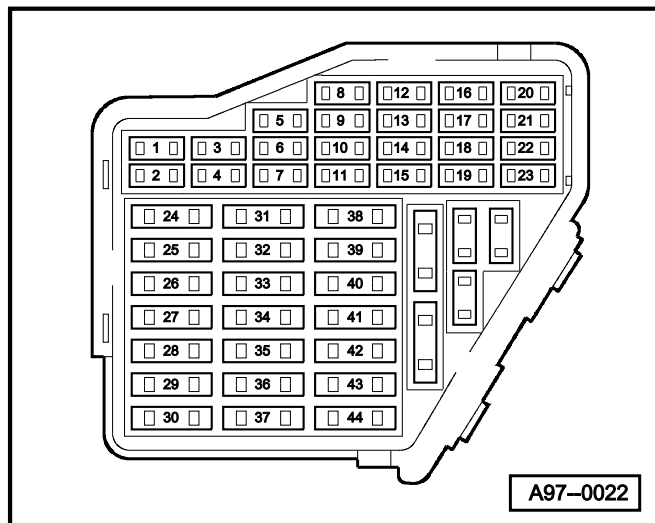
S138 - Fuse 5

S162 - Fuse -1- (30), in fuse box/battery

S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery

Fuse box



◆ Dash panel, driver's side

Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



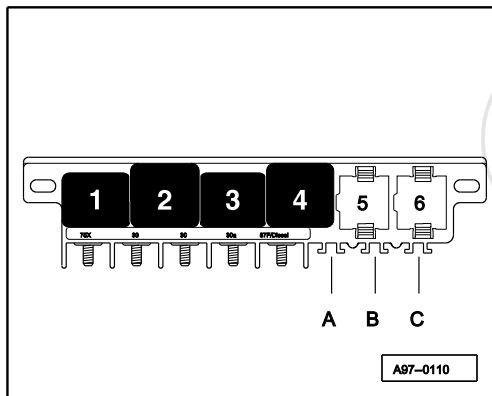
Note:

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



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Micro-central electrics

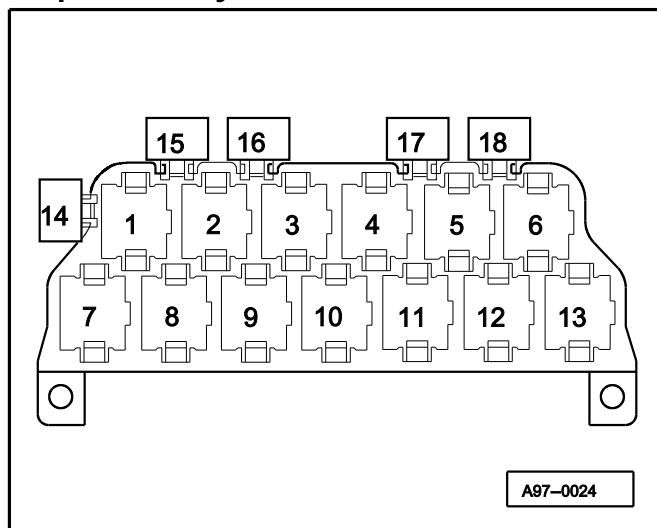


◆ Under driver's storage compartment

4 - Fuel pump relay (J17)

B - Brake vacuum pump fuse (S283)

13-point relay carrier

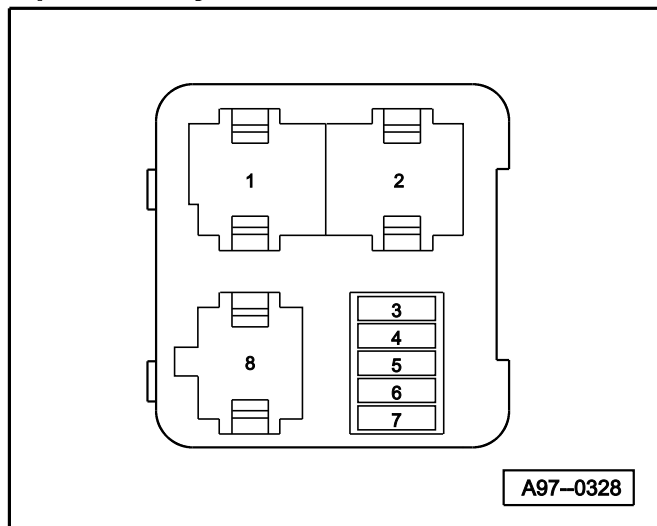


◆ Above micro-central electrics, under driver's storage compartment

13 - Coolant pump control unit (J155)

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3-point relay carrier/fuse box

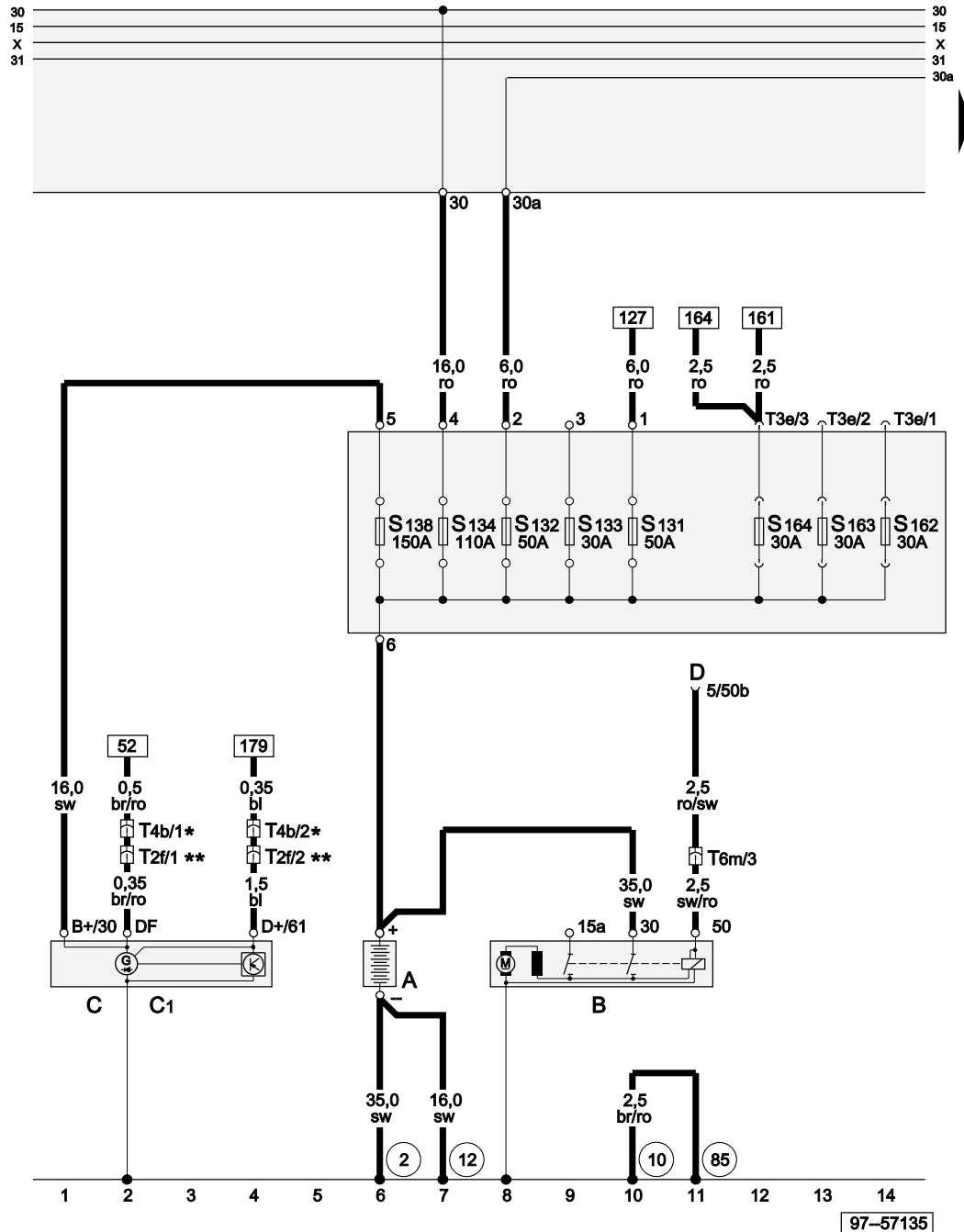


◆ In engine compartment, front left, in plenum chamber, near brake master cylinder

1 - Secondary air pump relay (J299)

2 - Motronic current supply relay (J271)

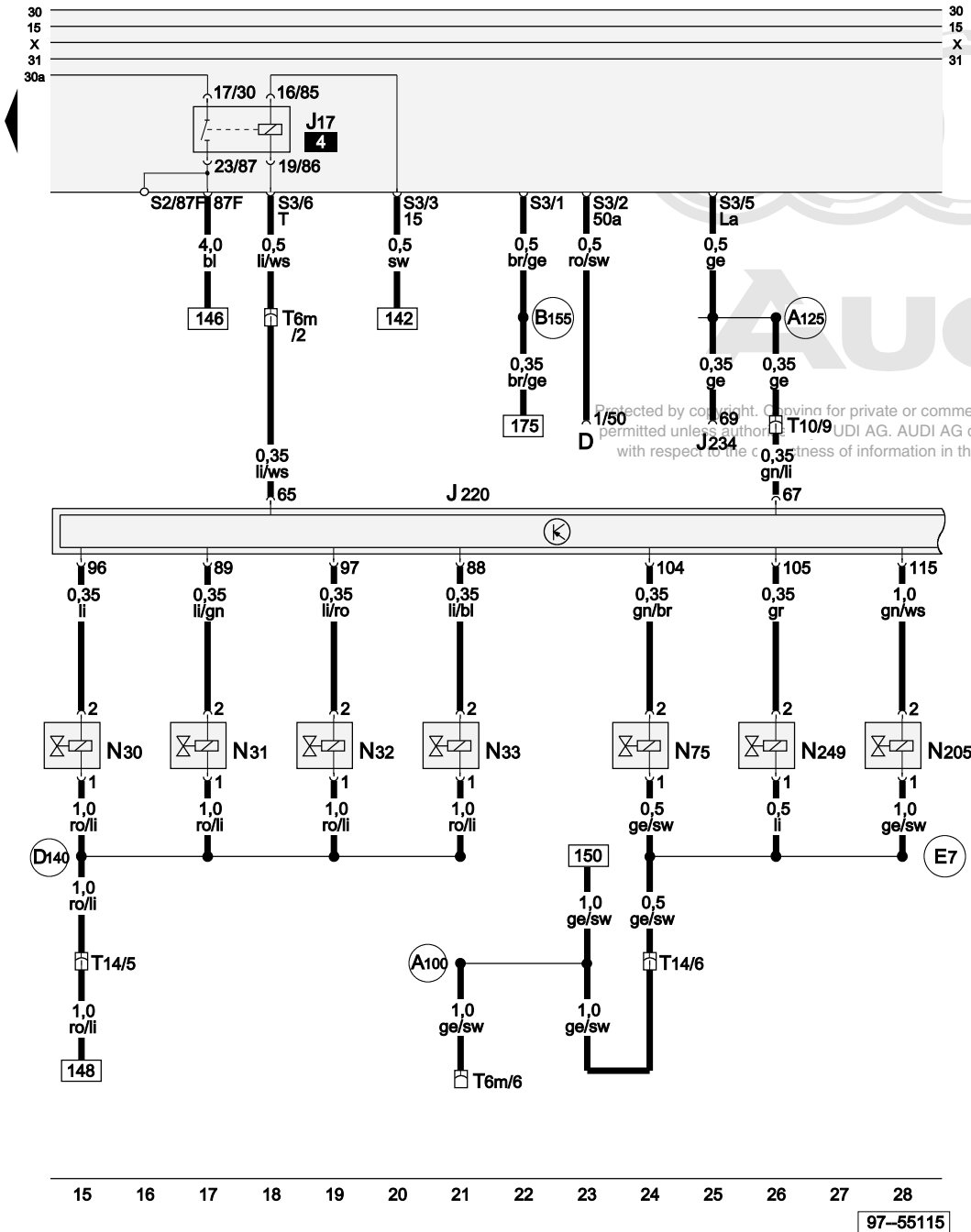
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Battery, starter, alternator, ignition/starter switch, fuses

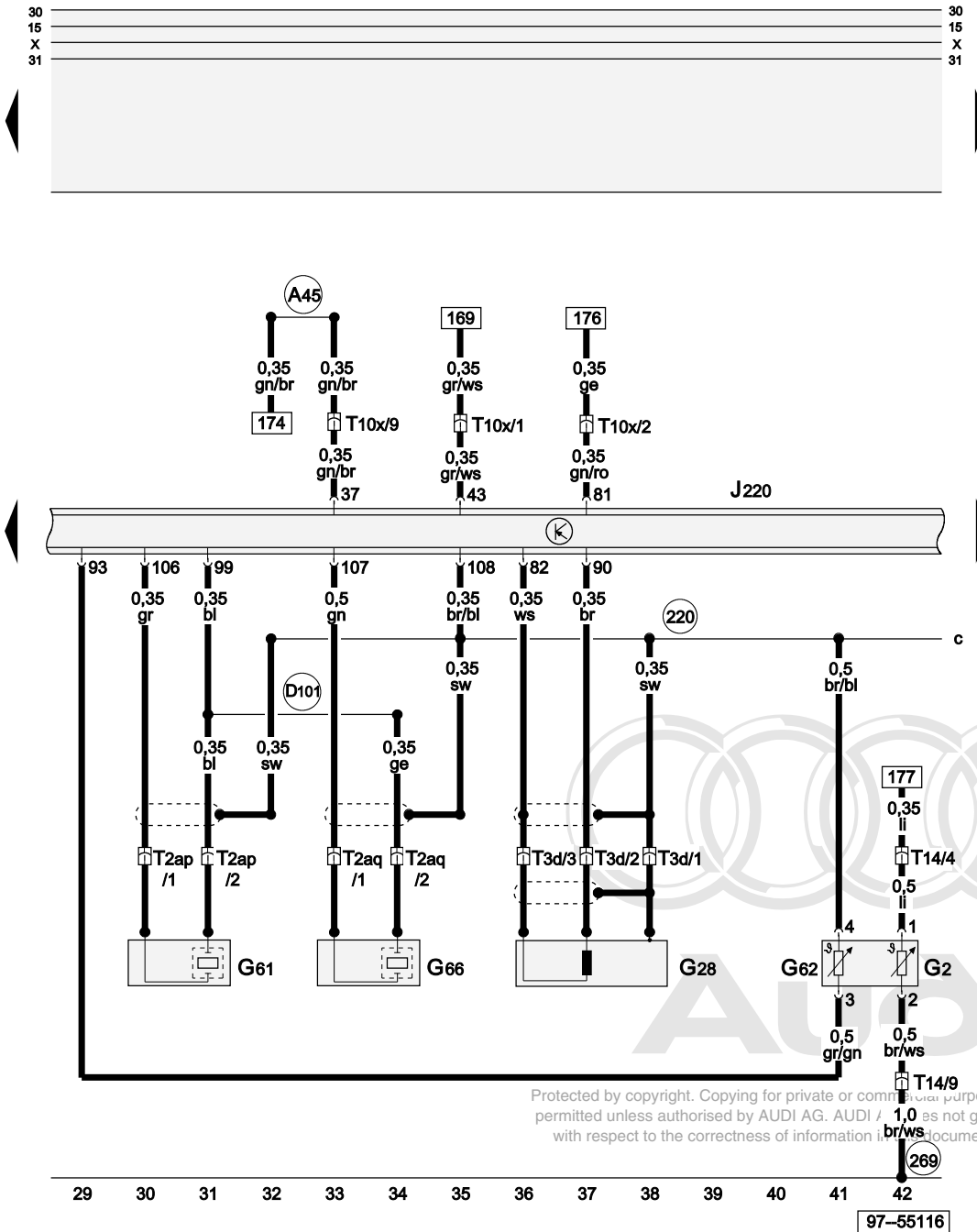
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- S131 Fuse 1 in fuse box/battery
- S132 Fuse 2 in fuse box/battery
- S133 Fuse 3 in fuse box/battery
- S134 Fuse 4 in fuse box/battery
- S138 Fuse 5 in fuse box/battery
- S162 Fuse -1- (30), in fuse box/battery
- S163 Fuse -2- (30), in fuse box/battery
- S164 Fuse -3- (30), in fuse box/battery
- T2f 2-pin connector, alternator, in engine compartment, left
- T3e 3-pin connector, black, on main fuse box
- T4b 4-pin connector, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- 2 Earth strap, gearbox - body
- 10 Earth point, in plenum chamber
- 12 Earth point, in engine compartment, left
- 85 Earth connection -1-, in engine compartment wiring harness
- * Models with air conditioner
- ** Models without air conditioner

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Motronic control unit, fuel pump relay, injectors, solenoid valves

- D Ignition/starter switch
- J17 Fuel pump relay
- J220 Motronic control unit
- J234 Airbag control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N75 Charge pressure control solenoid valve
- N205 Inlet camshaft timing adjustment valve -1-
- N249 Turbocharger divert air valve
- T6m 6-pin connector, brown, in plenum chamber
- T10 10-pin connector, white, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- B155 Connection -2- (TK (door contact)), in interior wiring harness
- D140 Connection (injectors), in engine prewiring wiring harness
- E7 Positive (+) connection (87a), in Motronic wiring harness



Motronic control unit, knock sensors, engine speed sender, coolant temperature senders

- G2 Coolant temperature sender
- G28 Engine speed sender
- G61 Knock sensor I
- G62 Coolant temperature sender
- G66 Knock sensor II
- J220 Motronic control unit
- T2ap 2-pin connector, knock sensor I, in engine compartment
- T2aq 2-pin connector, knock sensor II, in engine compartment
- T3d 3-pin connector, white, engine speed sender, in engine compartment
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 220 Earth connection (sender earth), in engine wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

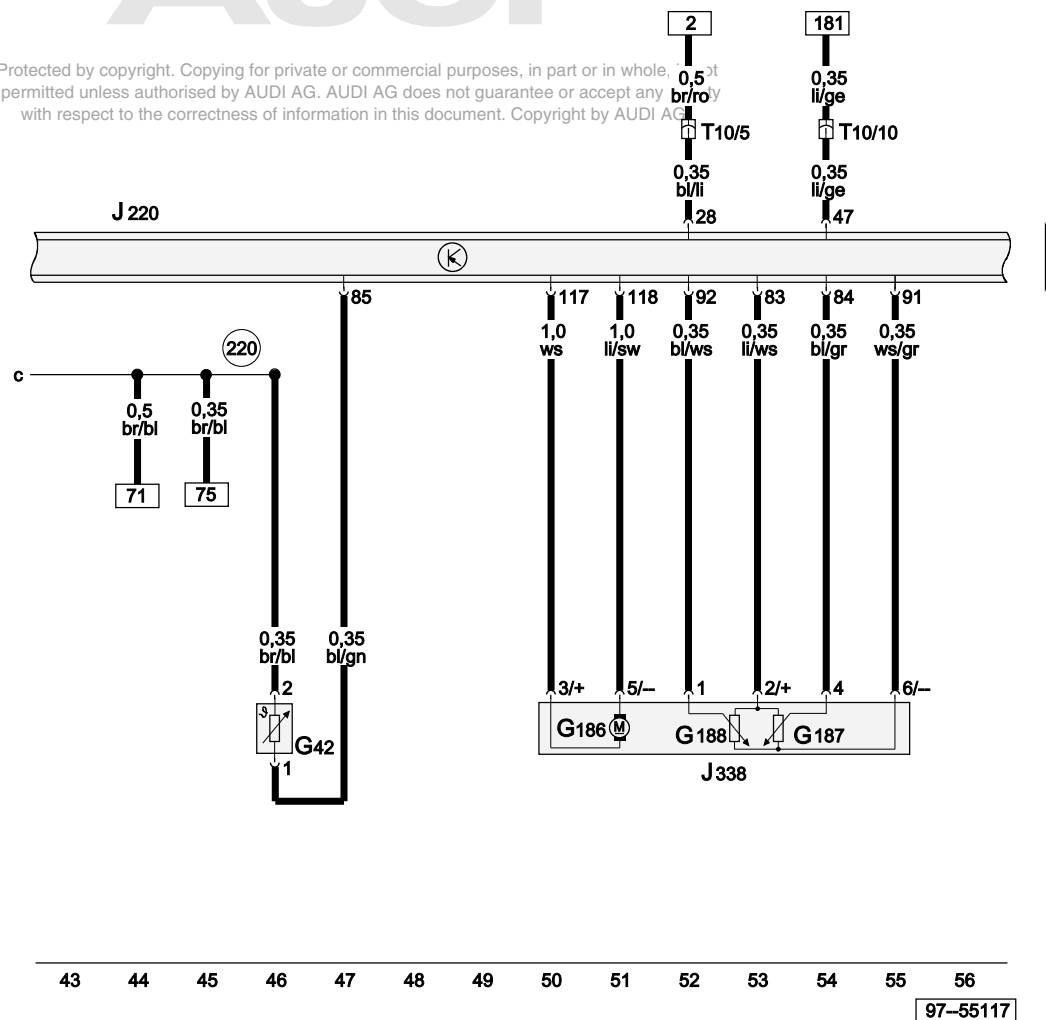


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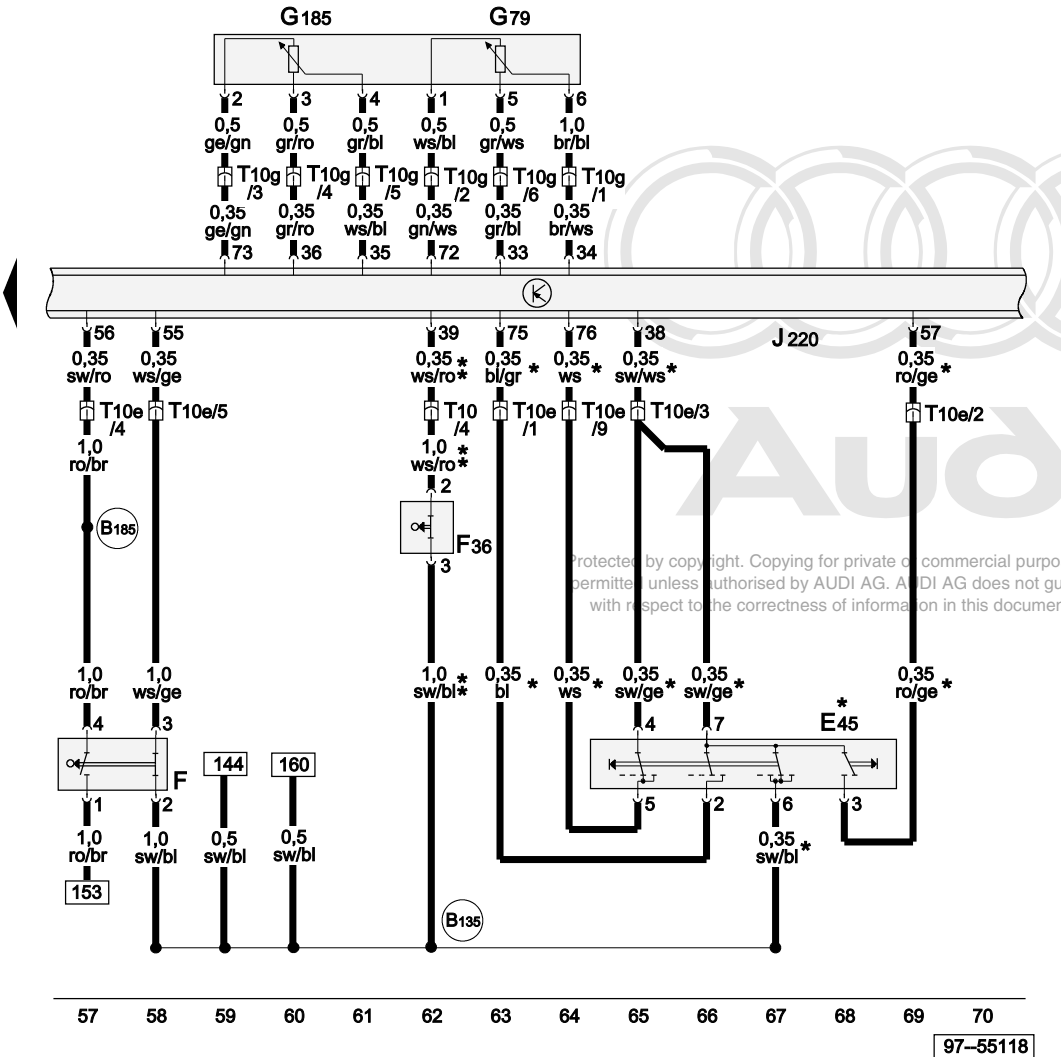
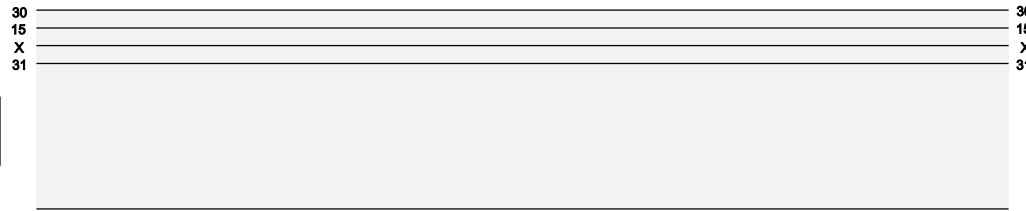


Motronic control unit, throttle valve control unit, intake air temperature sender

- G42 Intake air temperature sender
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J220 Motronic control unit
- J338 Throttle valve control unit
- T10 10-pin connector, white, in plenum chamber

220 Earth connection (sender earth), in engine wiring harness

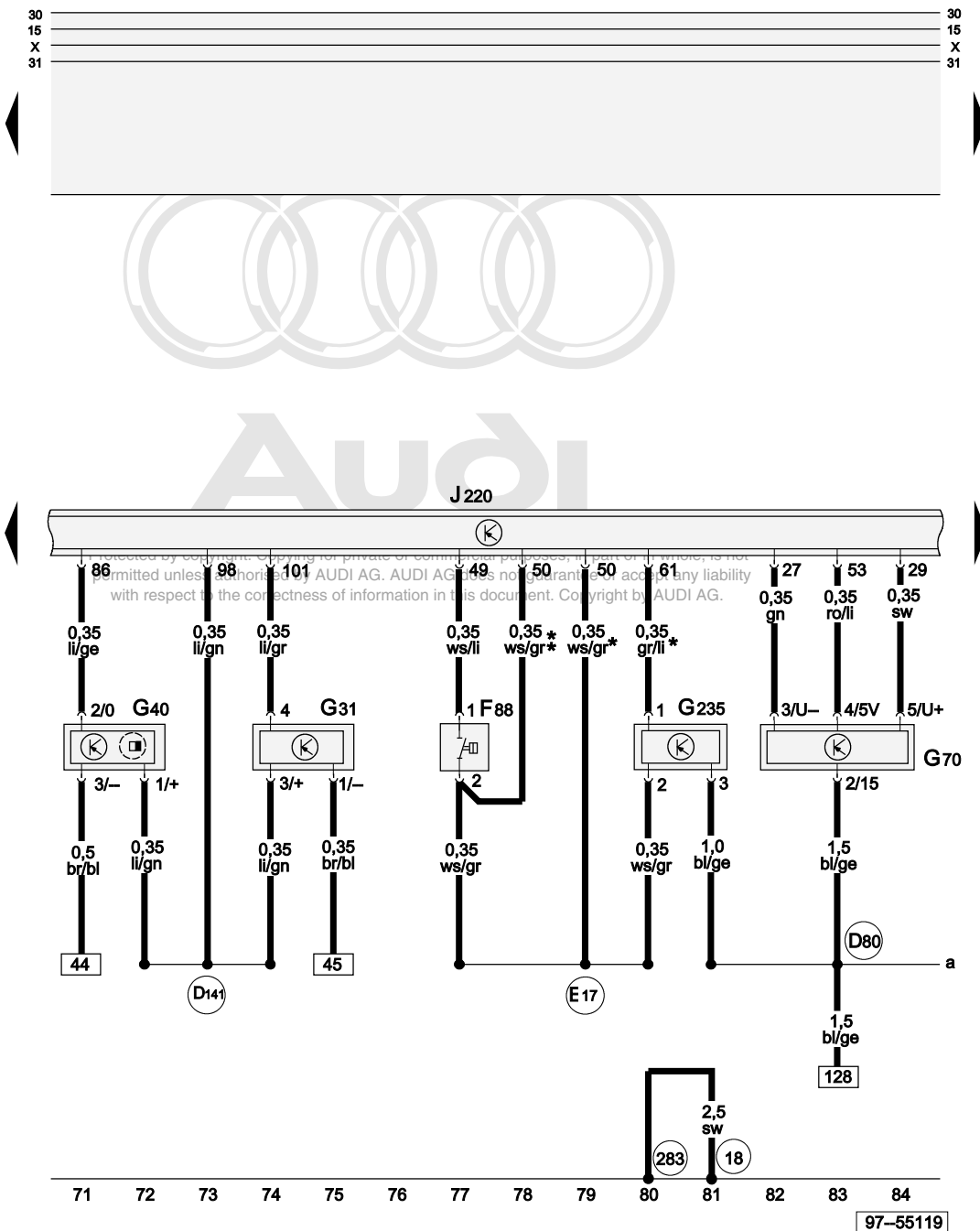
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Motronic control unit, accelerator pedal position senders, brake light switch, clutch pedal switch, cruise control system switch

- E45 Cruise control system switch
- F Brake light switch
- F36 Clutch pedal switch
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J220 Motronic control unit
- T10 10-pin connector, white, in plenum chamber
- T10e 10-pin connector, black, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber
- B135 Connection -1- (15a), in interior wiring harness
- B185 Connection -2- (54), in interior wiring harness
- * Only applies to models with cruise control system
- ** Only applies to models with manual gearbox

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Motronic control unit, charge air pressure sender, exhaust gas temperature sender -1-, Hall sender, air mass meter

- F88 Power assisted steering pressure switch
- G31 Charge air pressure sender
- G40 Hall sender
- G70 Air mass meter
- G235 Exhaust gas temperature sender -1-
- J220 Motronic control unit

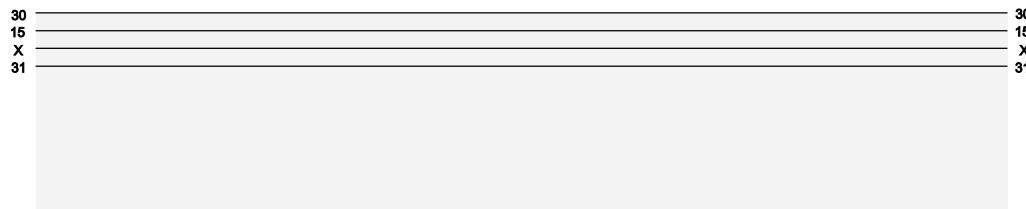
- 18 Earth point, on cylinder block
- 283 Earth connection -2-, in engine prewiring wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- D141 Connection (5V), in engine prewiring wiring harness
- E17 Connection -2-, in Motronic wiring harness

* Only applies to models with engine code BAM

** Only applies to models with engine codes AUM, ARX, AUQ, ARY

Motronic control unit, lambda probes, solenoid valves

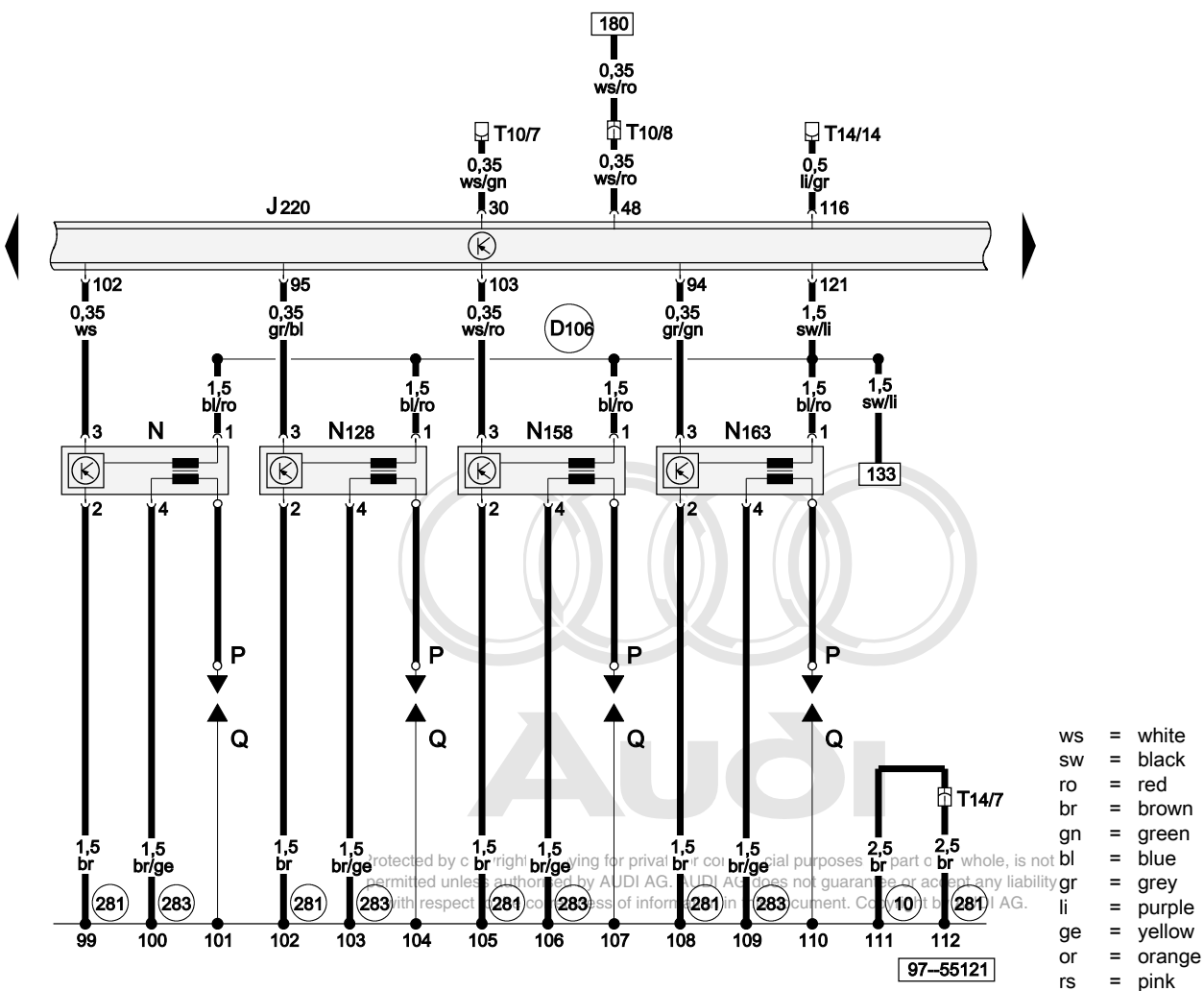
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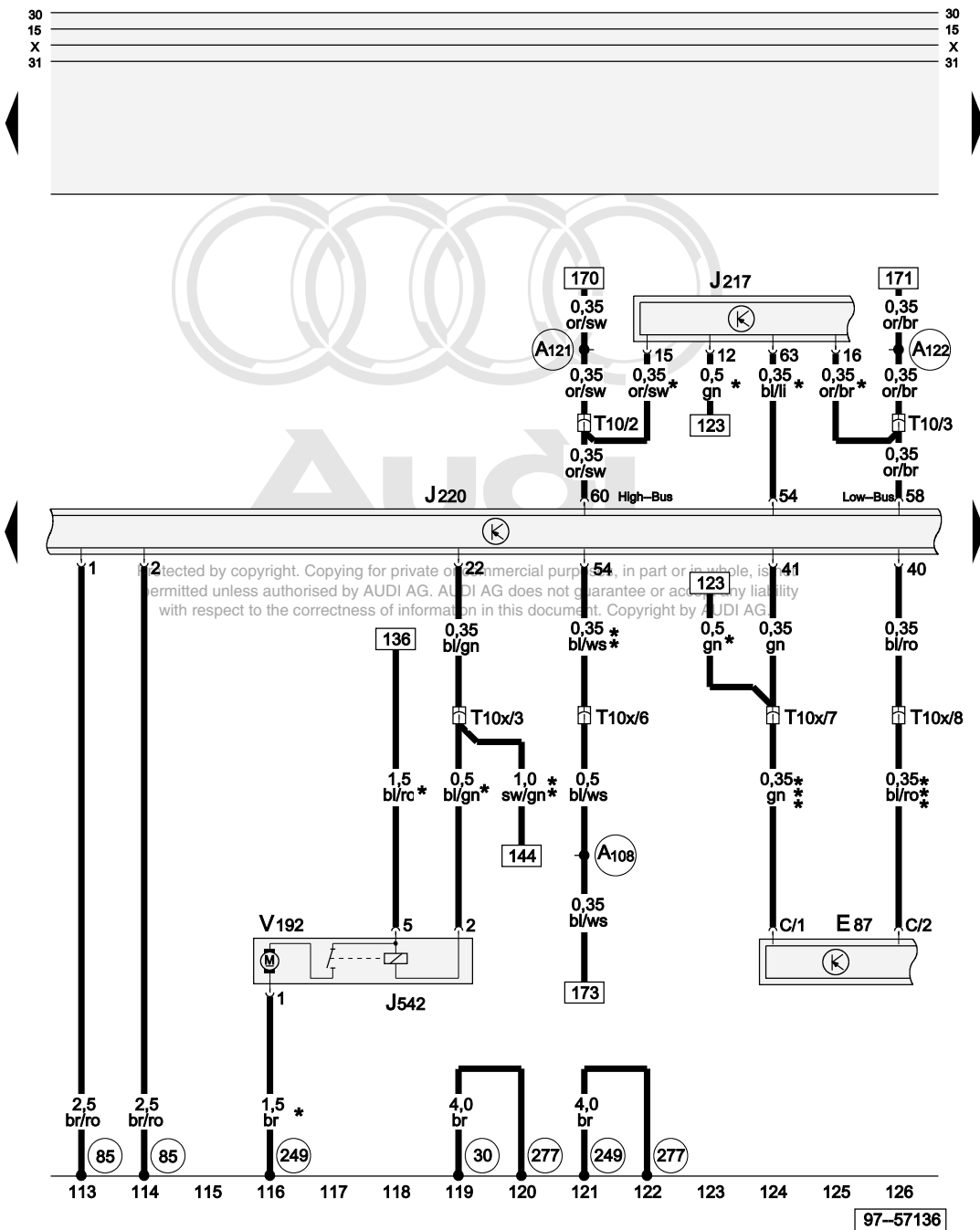


Motronic control unit, ignition coils

- J220 Motronic control unit
- N Ignition coil
- N128 Ignition coil 2
- N158 Ignition coil 3
- N163 Ignition coil 4
- P Spark plug connector
- Q Spark plugs
- T10 10-pin connector, white, in plenum chamber
- T14 14-pin connector, in engine compartment, left

- 10 Earth point, in plenum chamber
- 281 Earth connection -1-, in engine wiring harness
- 283 Earth connection -2-, in engine wiring harness
- D106 Connection -4-, in engine compartment wiring harness



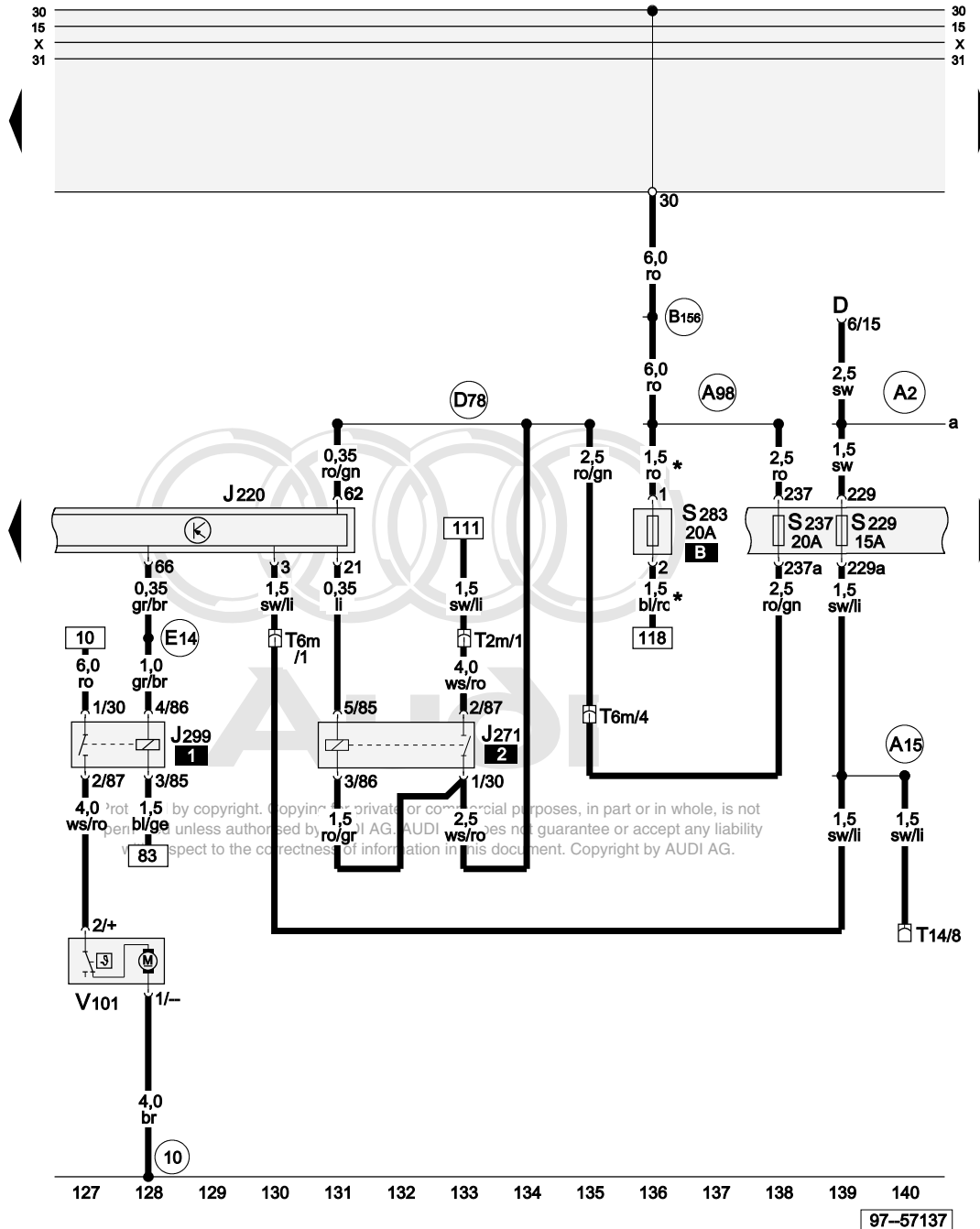


Motronic control unit, vacuum pump for brakes, automatic gearbox control unit

- E87 Control and display unit for air conditioner/Climatronic
- J217 Automatic gearbox control unit
- J220 Motronic control unit
- J542 Brake servo control unit
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, engine compartment, in plenum chamber
- V192 Vacuum pump for brakes

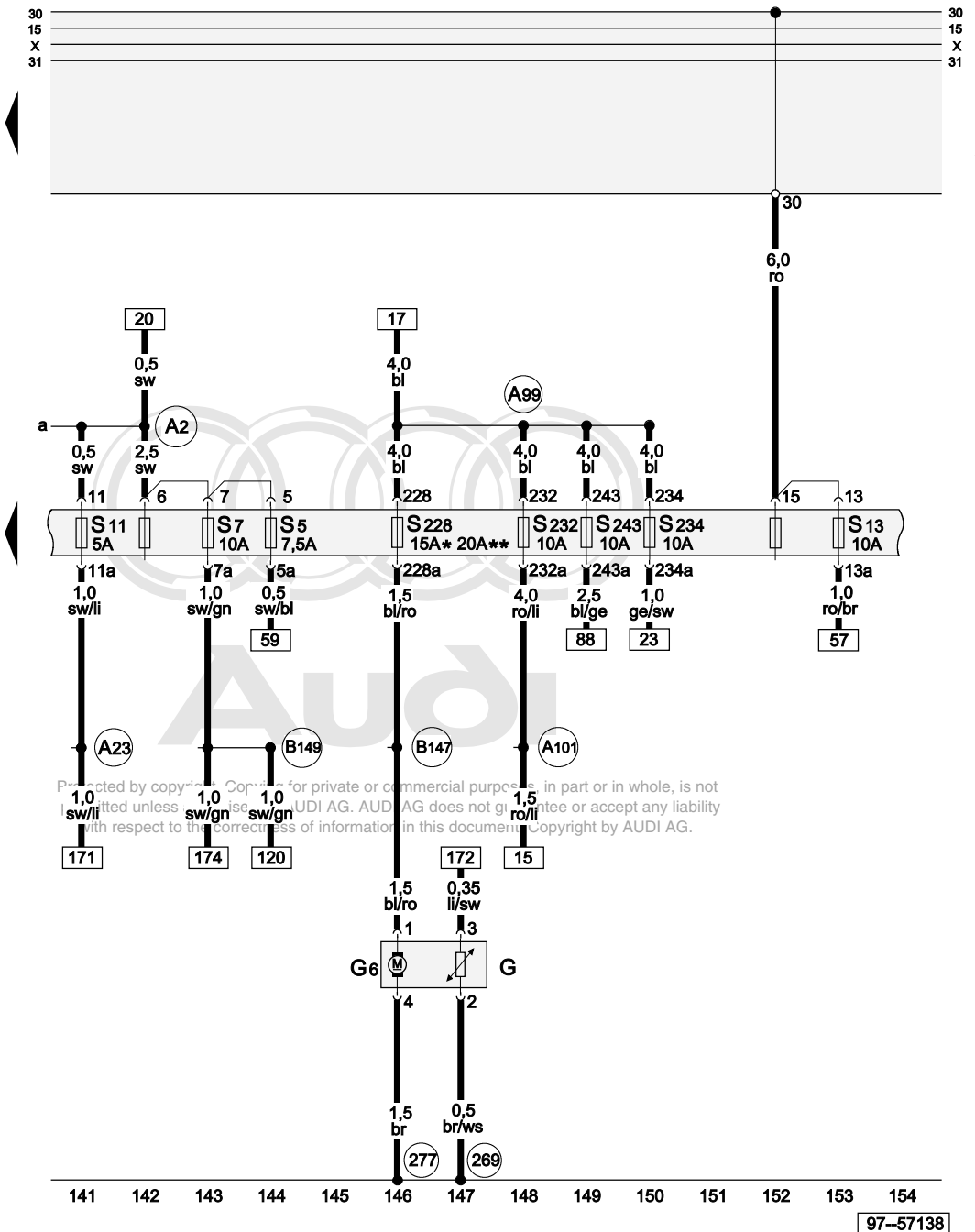
- 30 Earth point -1-, next to relay plate
- 85 Earth connection -1-, in engine compartment wiring harness
- 249 Earth connection -2-, in interior wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A108 Connection (speed signal), in dash panel wiring harness
- A121 Connection (high bus), in dash panel wiring harness
- A122 Connection (low bus), in dash panel wiring harness
- * Only models with automatic gearbox
- ** Only models with manual gearbox
- *** Only applies to models with air conditioner

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



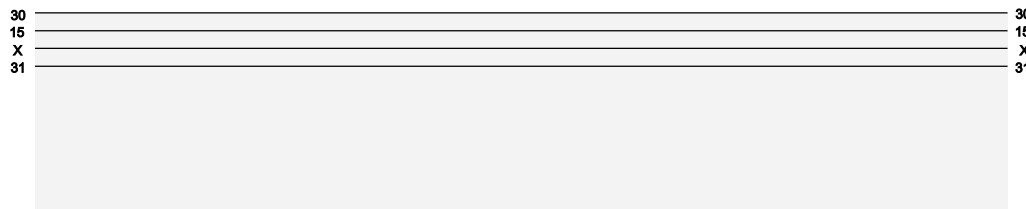
Motronic control unit, Motronic current supply relay, fuses

- D Ignition/starter switch
- J220 Motronic control unit
- J271 Motronic current supply relay
- J299 Secondary air pump relay
- S229 Fuse in fuse box
- S237 Fuse in fuse box
- S283 Brake vacuum pump fuse
- T2m 2-pin connector, engine prewiring, wiring duct, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- V101 Secondary air pump motor
- 10 Earth point, in plenum chamber
- A2 Positive (+) connection (15), in dash panel wiring harness
- A15 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- D78 Positive (+) connection -1- (30a), in engine compartment wiring harness
- E14 Connection -1-, in Motronic wiring harness
- * Only models with automatic gearbox



Fuel pump, fuses

- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- S5 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S13 Fuse in fuse box/relay plate
- S228 Fuse in fuse box
- S232 Fuse in fuse box
- S234 Fuse in fuse box
- S243 Fuse in fuse box
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 277 Earth connection -3-, in interior wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A23 Connection (30al), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A101 Connection -3- (87), in dash panel wiring harness
- B147 Positive (+) connection -2- (87), in interior wiring harness
- B149 Positive (+) connection -2- (15a), in interior wiring harness
- * Only applies to models with engine codes AUM, ARX, AUQ, ARY
- ** Only applies to models with engine code BAM

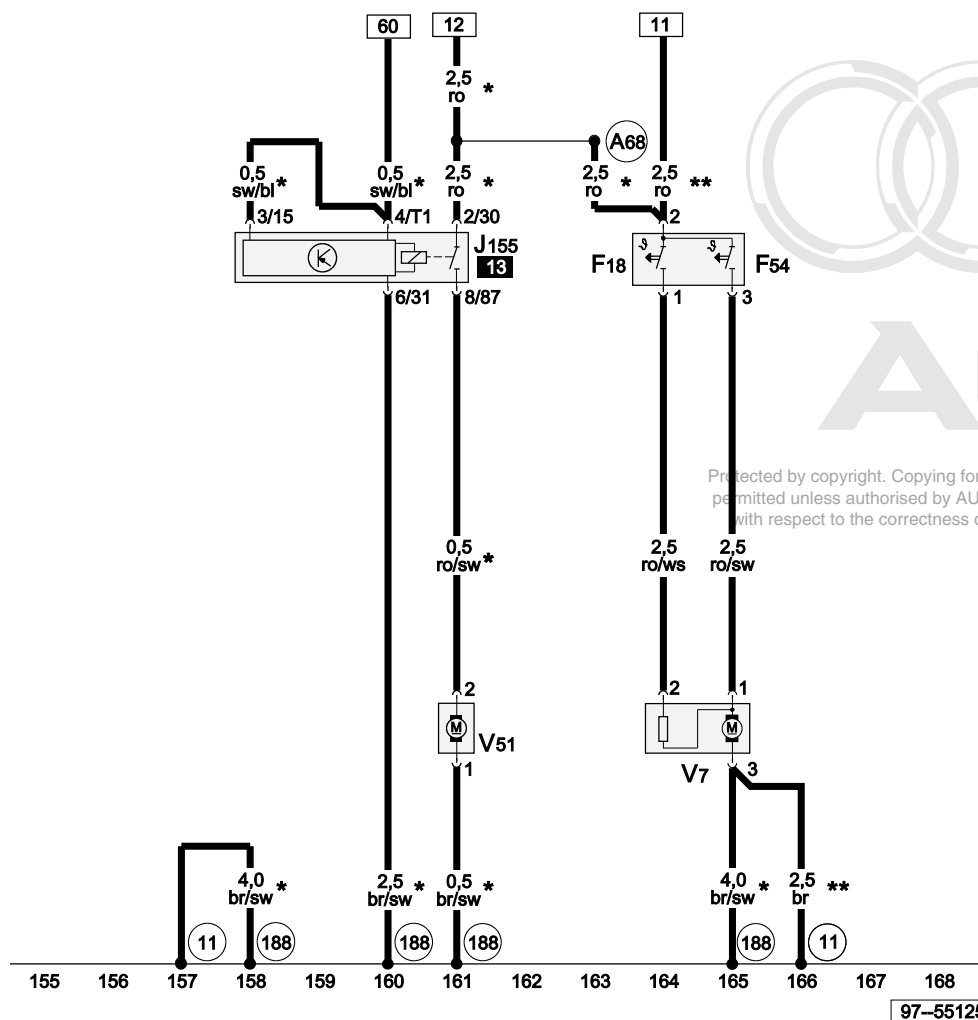


Radiator fan thermo-switches, coolant pump control unit

- F18 Radiator fan thermo-switch
- F54 Radiator fan thermo-switch
- J155 Coolant pump control unit
- V7 Radiator fan
- V51 Continued coolant circulation pump

- 11 Earth point, in battery box
- 188 Earth connection -3-, in air conditioner wiring harness
- A68 Connection (30, air conditioner), in dash panel wiring harness

- * Only applies to engine code BAM
- ** Only applies to engine codes ARY, ARX, AUM, AUQ



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- or = orange
- rs = pink

30
15
X
31

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

- F1 Oil pressure switch
- G22 Speedometer sender (Hall sender, on gearbox)
- G266 Oil level/oil temperature sender
- J218 Combi-processor in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K132 Electronic power control fault lamp
- K149 Engine electronics warning lamp
- T14 14-pin connector, in engine compartment, left
- T16 16-pin connector, black, centre console compartment (diagnostic connector)

T32 32-pin connector, blue, on dash panel insert
T32a 32-pin connector, green, on dash panel insert

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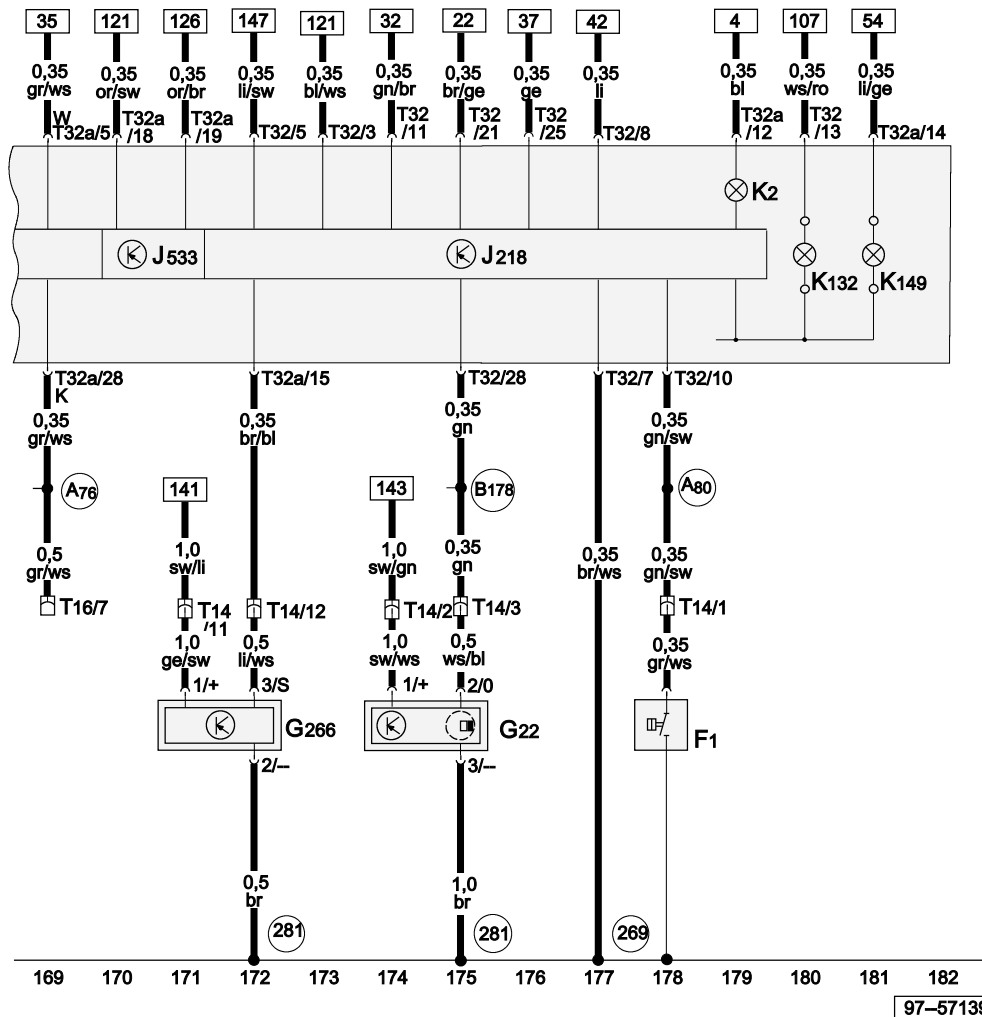
269 Earth connection (sender earth), -1-, in dash panel wiring harness

281 Earth connection -1-, in engine wiring harness

A76 Connection (diagnosis wire K), in dash panel wiring harness

A80 Connection -1- (X), in dash panel wiring harness

B178 Connection (speed signal), in interior wiring harness



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li = purple
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or = orange
rs = pink

1.9 litre diesel engine (unit injector), 74 kW, 4-cylinder, engine code ATD

From model year 2003

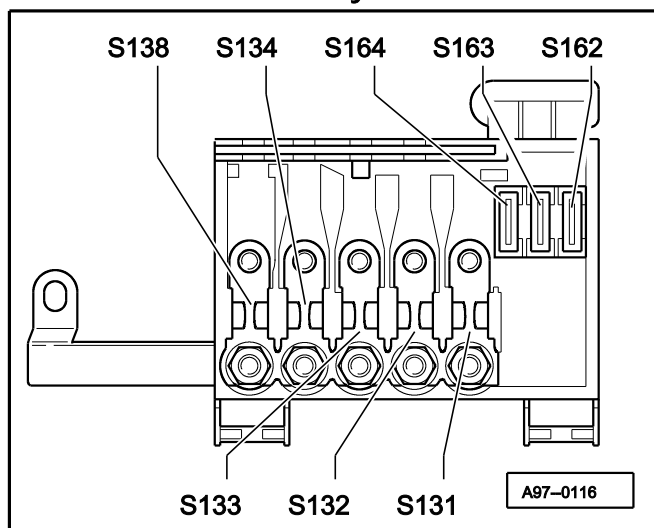
1.9 litre diesel engine (unit injector), 74 kW, 4-cylinder, engine code AXR

From model year 2003

1.9 litre diesel engine (unit injector), 96 kW, 4-cylinder, engine code ASZ

From model year 2003

Main fuse box/battery



♦ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

S134 - Fuse 4

S138 - Fuse 5

S162 - Fuse -1- (30), in fuse box/battery

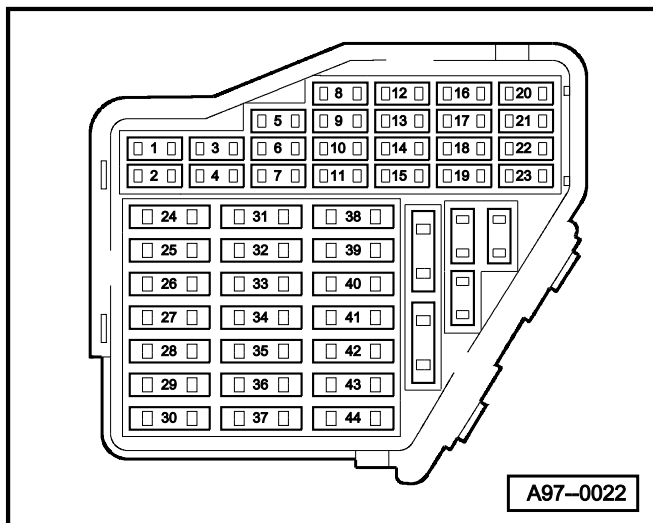
S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery



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Fuse box



◆ Dash panel, driver's side

Fuse colours

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



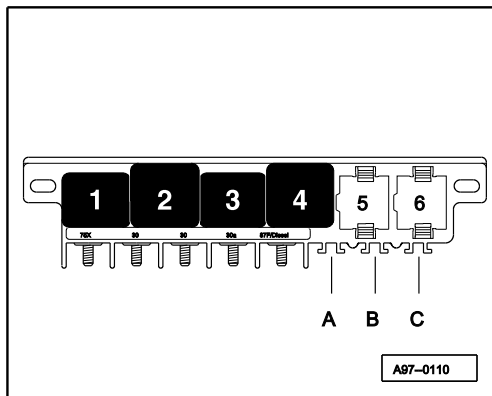
Note:

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



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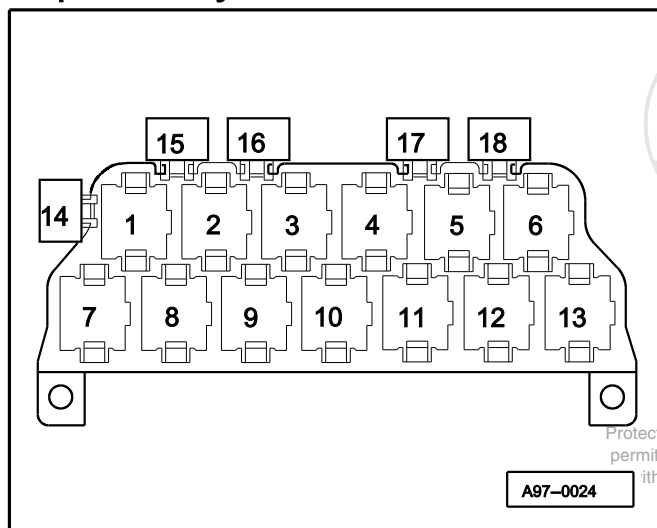
Micro-central electrics



◆ Under driver's storage compartment

4 - Relay for glow plugs (J52)

13-point relay carrier



◆ Above micro-central electrics, under driver's storage compartment

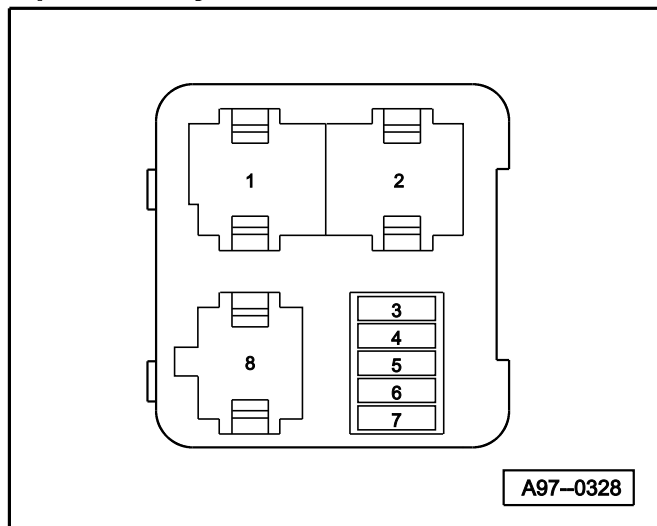
10 - Fuel pump relay (J17)

12 - Diesel direct injection system relay (J322)

13 - Radiator fan run-on relay (J397)

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3-point relay carrier/fuse box



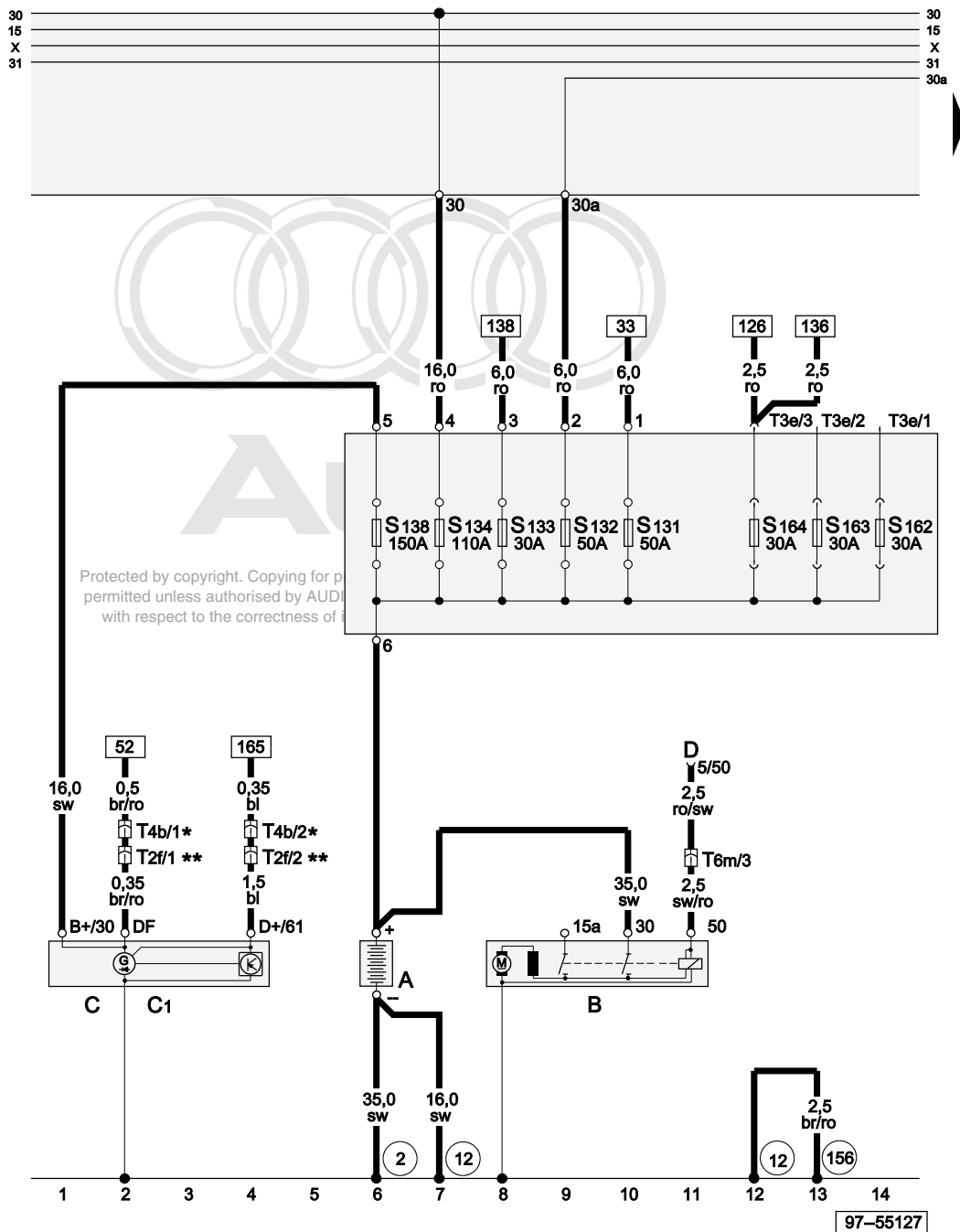
◆ In engine compartment, front left, in plenum chamber, near brake master cylinder

1 - High heat output relay (J360)

2 - Low heat output relay (J359)



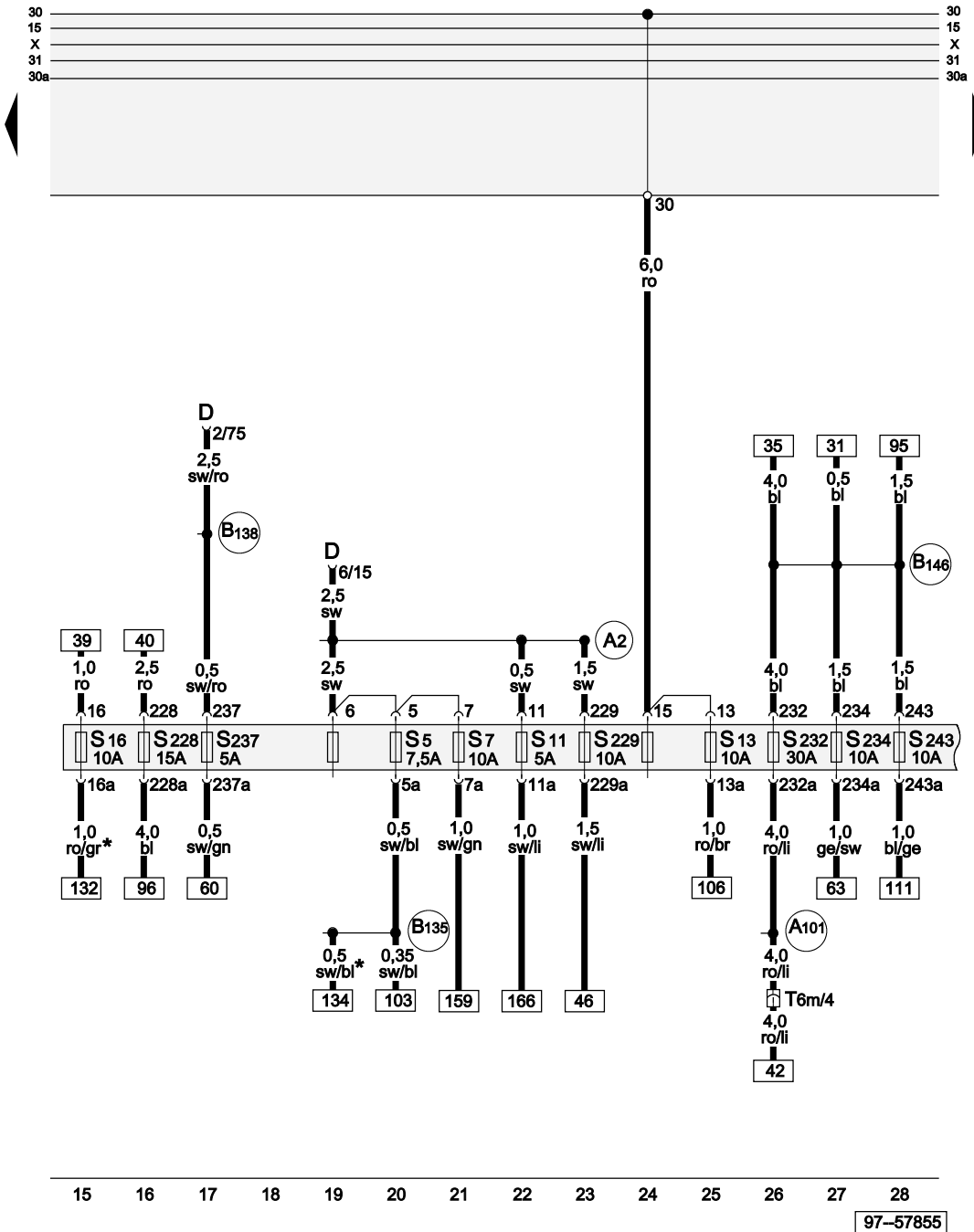
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Battery, starter, alternator, fuses

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- S134 Fuse 4
- S138 Fuse 5
- S162 Fuse -1- (30), in fuse box/battery
- S163 Fuse -2- (30), in fuse box/battery
- S164 Fuse -3- (30), in fuse box/battery
- T2f 2-pin connector, alternator, in engine compartment, left
- T3e 3-pin connector, black, on main fuse box
- T4b 4-pin connector, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- 2 Earth strap, gearbox - body
- 12 Earth point, in engine compartment, left
- 156 Earth connection, in diesel direct injection wiring harness
- * Models with air conditioner
- ** Models without air conditioner

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



Fuses

- D Ignition/starter switch
- S5 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S13 Fuse in fuse box/relay plate
- S16 Fuse in fuse box/relay plate
- S228 Fuse in fuse box
- S229 Fuse in fuse box
- S232 Fuse in fuse box
- S237 Fuse in fuse box
- S234 Fuse in fuse box
- S243 Fuse in fuse box
- T6m 6-pin connector, brown, in plenum chamber

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

A101 Connection -3- (87), in dash panel wiring harness

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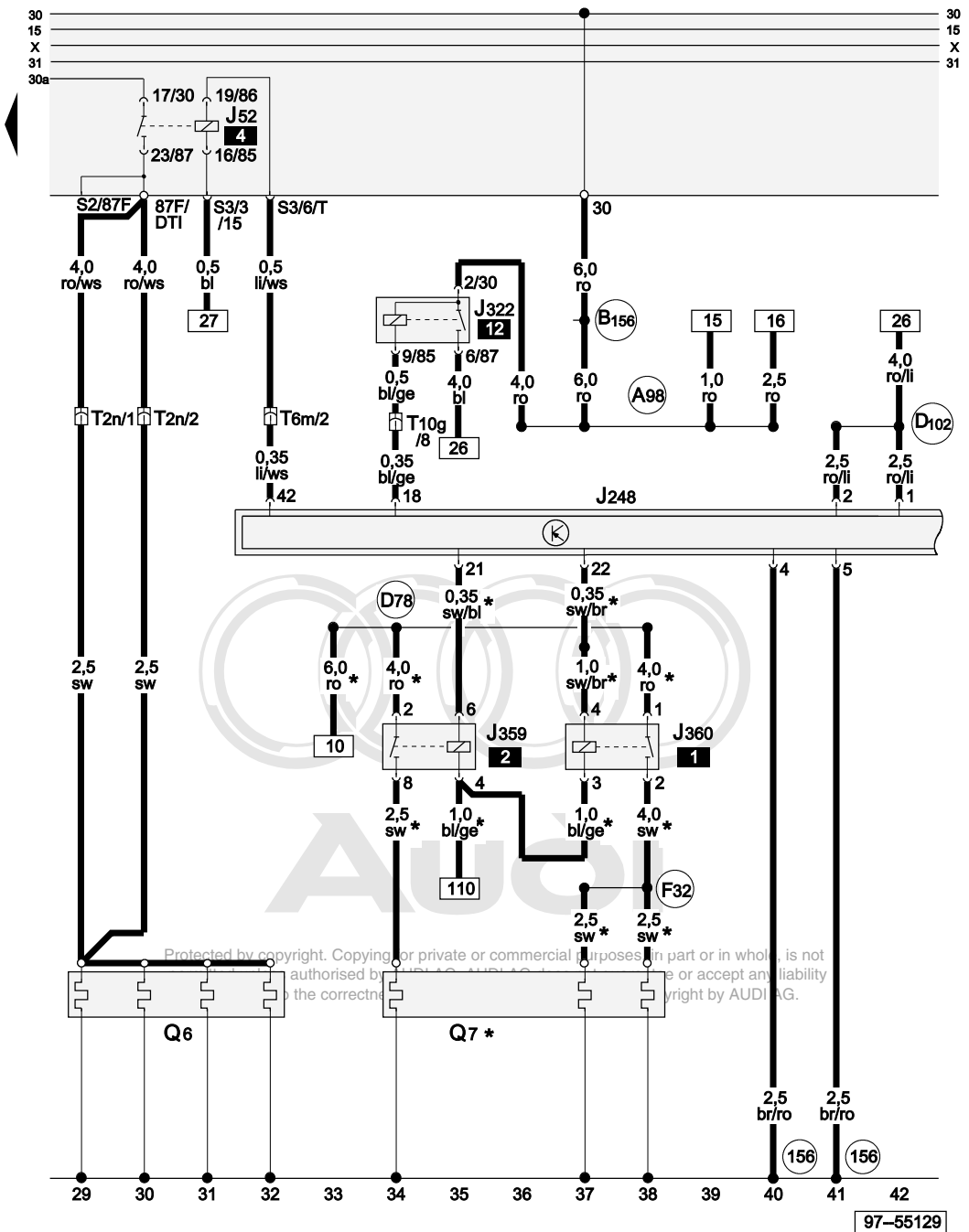
B135 Connection -1- (15a), in interior wiring harness

B138 Positive (+) connection (X), in interior wiring harness

B146 Positive (+) connection -1- (87), in interior wiring harness

* Only applies to models with four-wheel drive

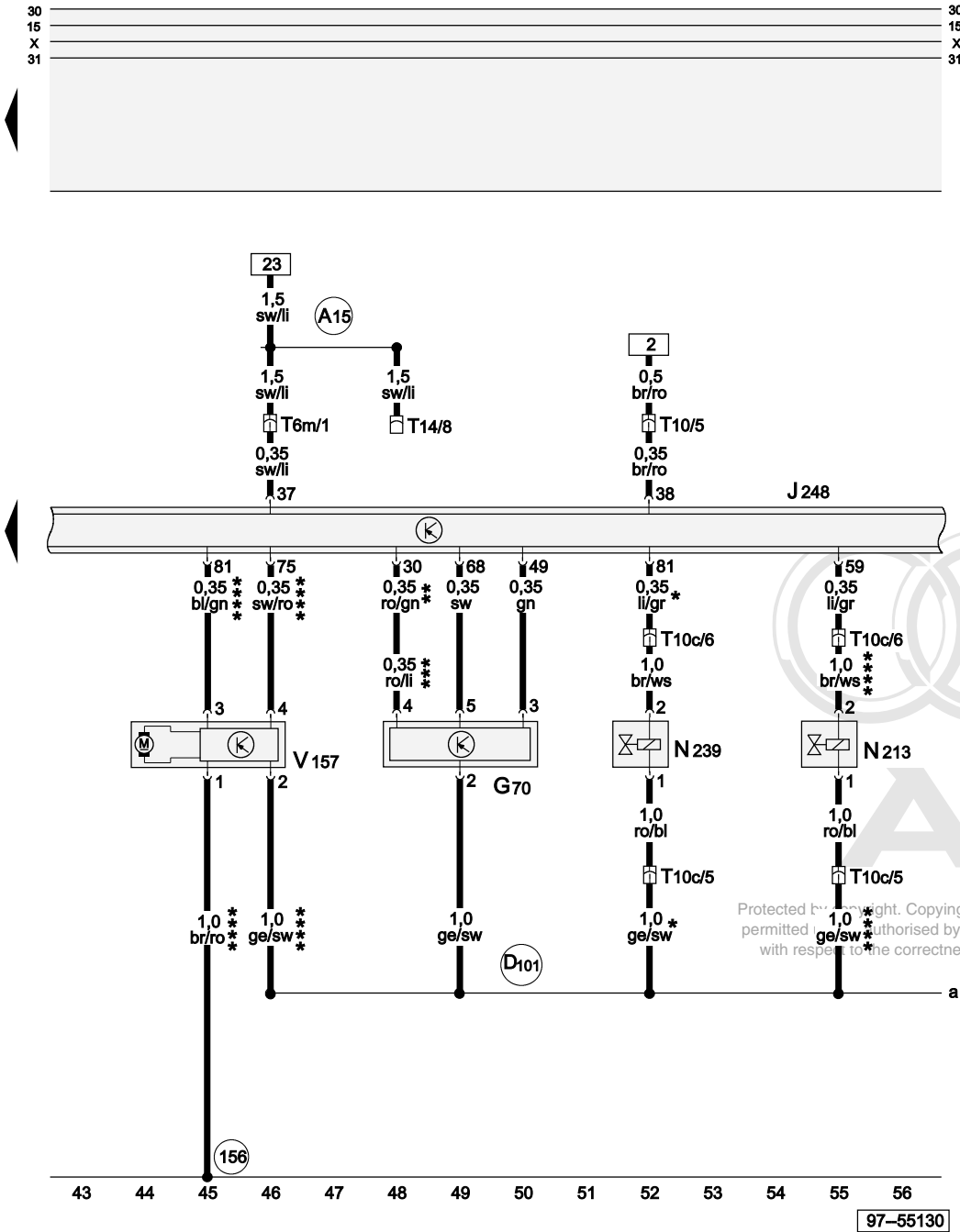
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
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Diesel direct injection system control unit, diesel direct injection system relay, relay for glow plugs, glow plugs - (engine), coolant heating elements

- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J322 Diesel direct injection system relay
- J359 Low heat output relay
- J360 High heat output relay
- Q6 Glow plugs - (engine)
- Q7 Coolant heating elements
- T2n 2-pin connector, wiring duct, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber
- 156 Earth connection, in diesel direct injection wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- D102 Connection -2-, in engine compartment wiring harness
- F32 Connection (coolant heating elements), in diesel direct injection system wiring harness
- D78 Positive (+) connection -1- (30a), in engine compartment wiring harness
- * Only applies to models with heater elements (manual gearbox)

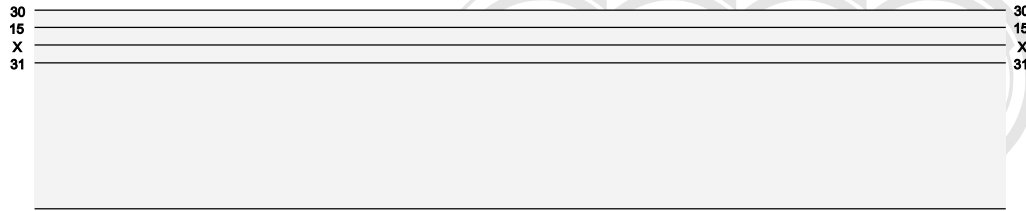
ws = white
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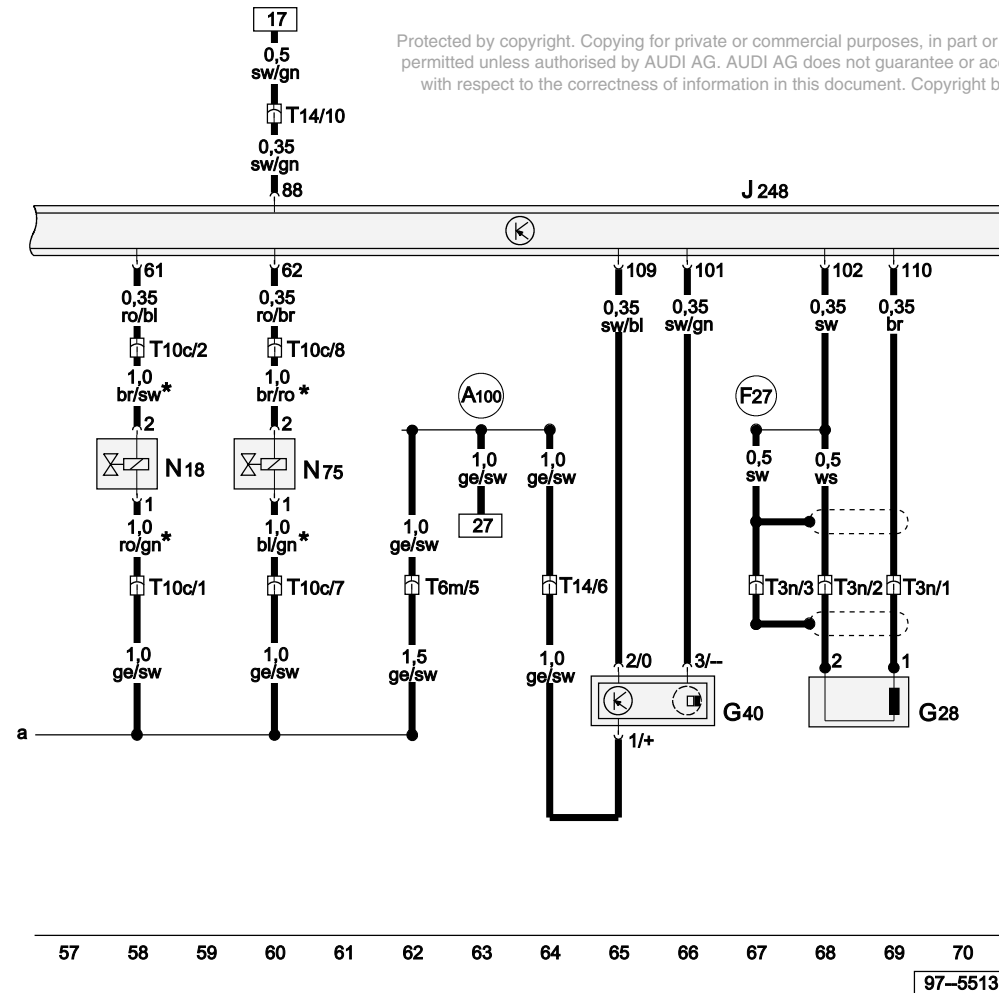
Diesel direct injection system control unit, air mass meter, intake manifold flap motor, intake manifold flap change-over valve, exhaust gas recirculation valve -2-

- G70 Air mass meter
- J248 Diesel direct injection system control unit
- N213 Exhaust gas recirculation valve -2-
- N239 Intake manifold flap change-over valve
- T6m 6-pin connector, brown, in plenum chamber
- T10 10-pin connector, white, in plenum chamber
- T10c 10-pin connector, black, in engine compartment, left
- T14 14-pin connector, in engine compartment, left
- V157 Intake manifold flap motor
- 156 Earth connection, in diesel direct injection wiring harness
- A15 Positive (+) connection (15), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness
- * Only applies to models with engine code ASZ
- ** Only applies to models with heater elements
- *** Only applies to models without heater elements
- **** Only applies to models with engine code AXR

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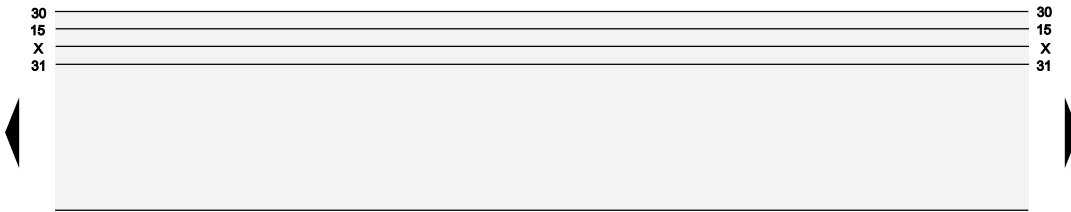
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
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Diesel direct injection system control unit, Hall sender, exhaust gas recirculation valve, charge pressure control solenoid valve, engine speed sender

- G28 Engine speed sender
- G40 Hall sender
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N75 Charge pressure control solenoid valve
- T3n 3-pin connector, grey, engine speed sender, in engine compartment
- T6m 6-pin connector, brown, in plenum chamber
- T10c 10-pin connector, black, in engine compartment, left
- T14 14-pin connector, in engine compartment, left
- A100 Connection -2- (87), in dash panel wiring harness

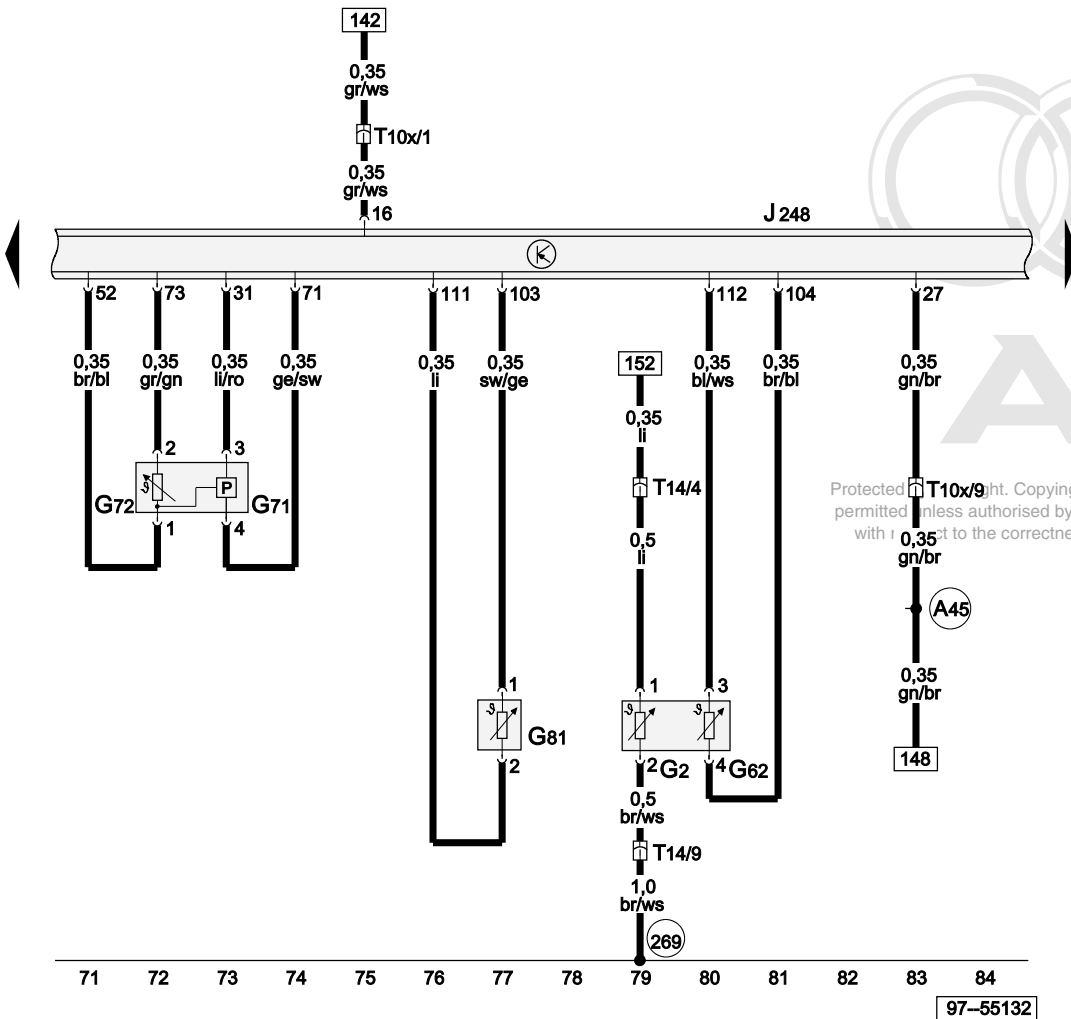
- F27 Connection (screening), in diesel direct injection wiring harness

* Only applies to models with engine code ASZ



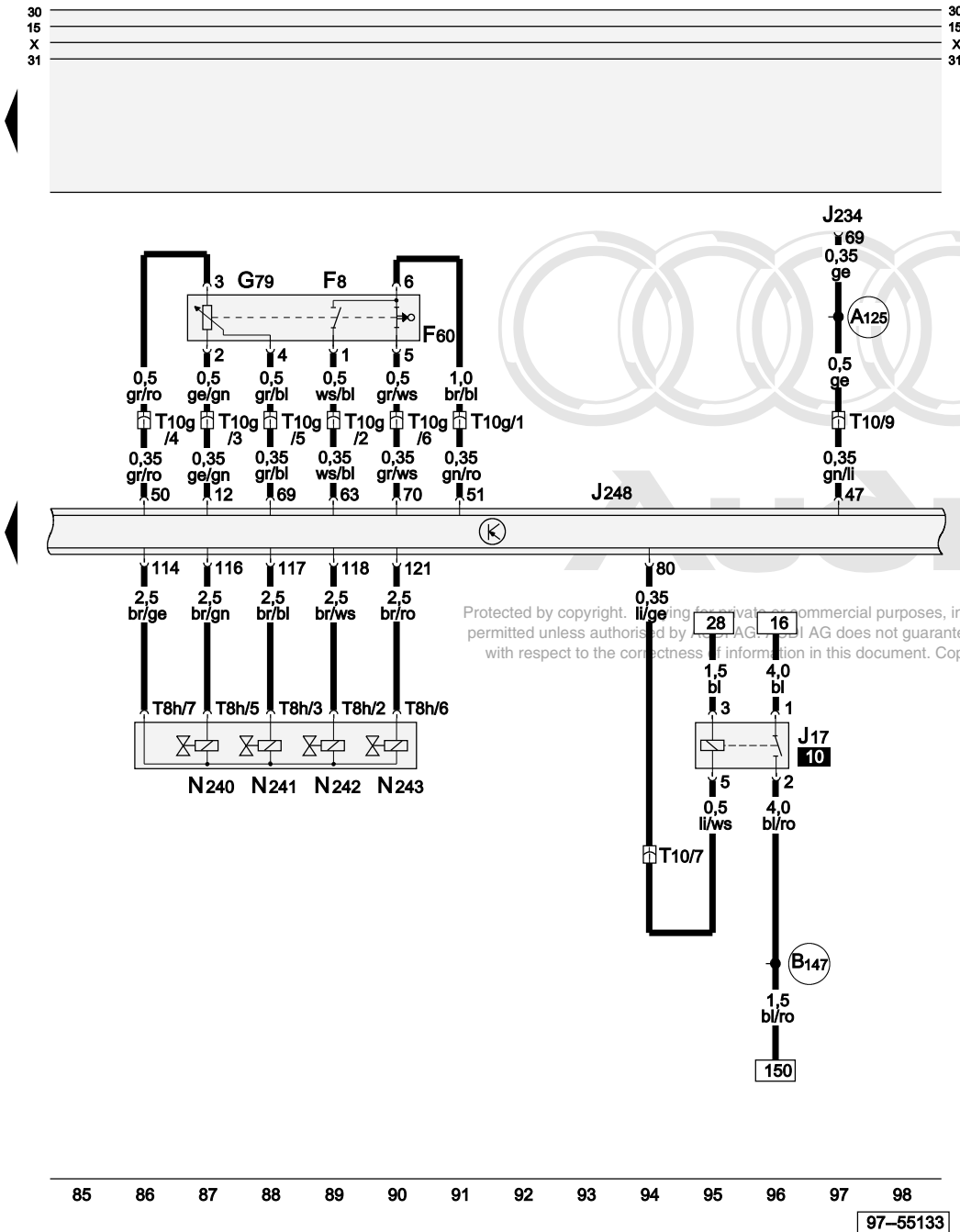
Diesel direct injection system control unit, intake manifold pressure sender, intake manifold temperature sender, coolant temperature senders, fuel temperature sender

- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G72 Intake manifold temperature sender
- G81 Fuel temperature sender
- J248 Diesel direct injection system control unit
- T10x 10-pin connector, orange, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness



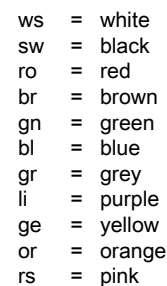
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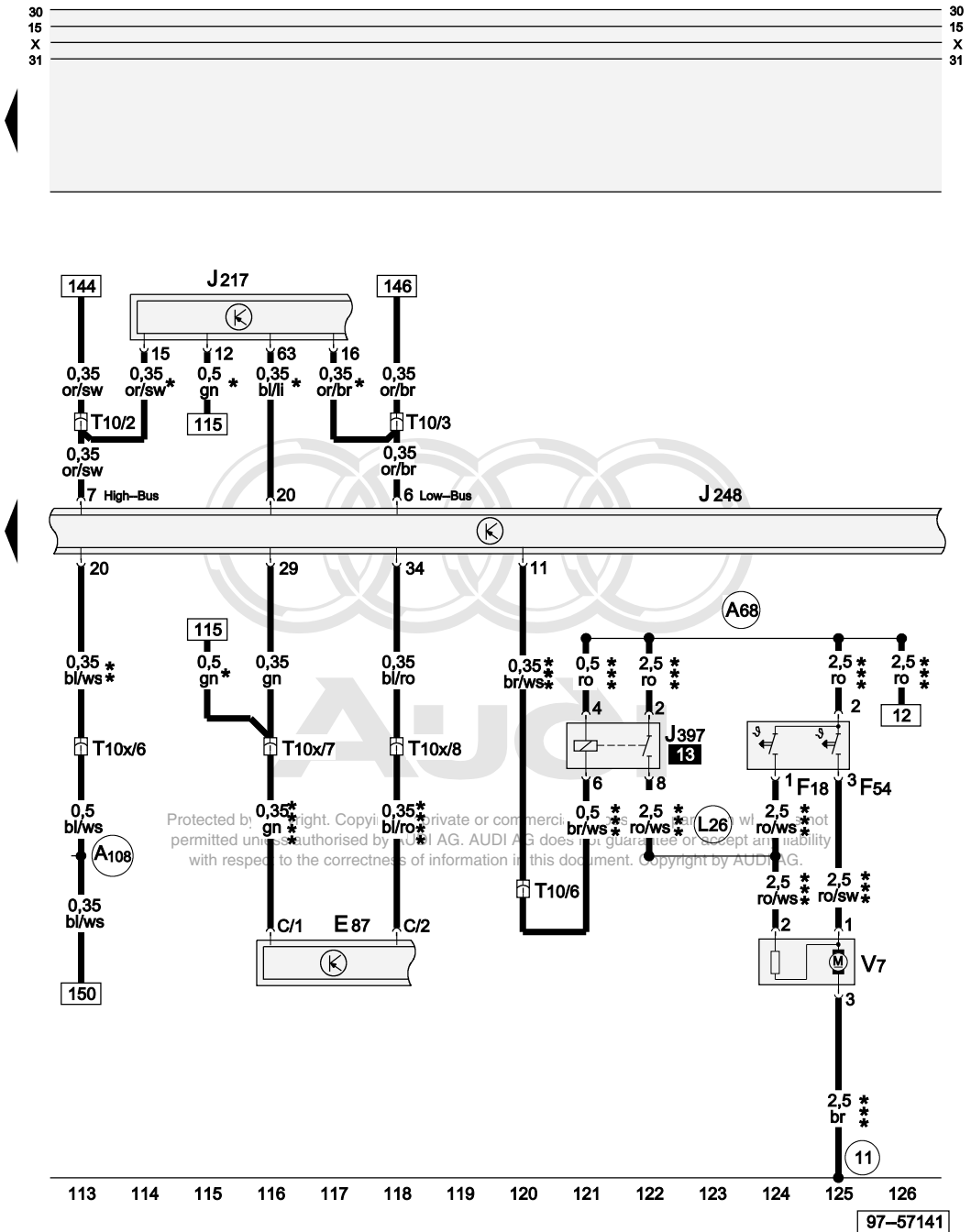


Diesel direct injection system control unit, fuel pump relay, unit injector solenoid valves, accelerator pedal position sender

- F8 Kick-down switch
- F60 Idling switch
- G79 Accelerator pedal position sender
- J17 Fuel pump relay
- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- N240 Unit injector solenoid valve, No. 1 cyl.
- N241 Unit injector solenoid valve, No. 2 cyl.
- N242 Unit injector solenoid valve, No. 3 cyl.
- N243 Unit injector solenoid valve, No. 4 cyl.
- T8h 8-pin connector, in engine compartment
- T10 10-pin connector, white, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber
- A125 Connection (crash signal), in dash panel wiring harness
- B147 Positive (+) connection -2- (87), in interior wiring harness



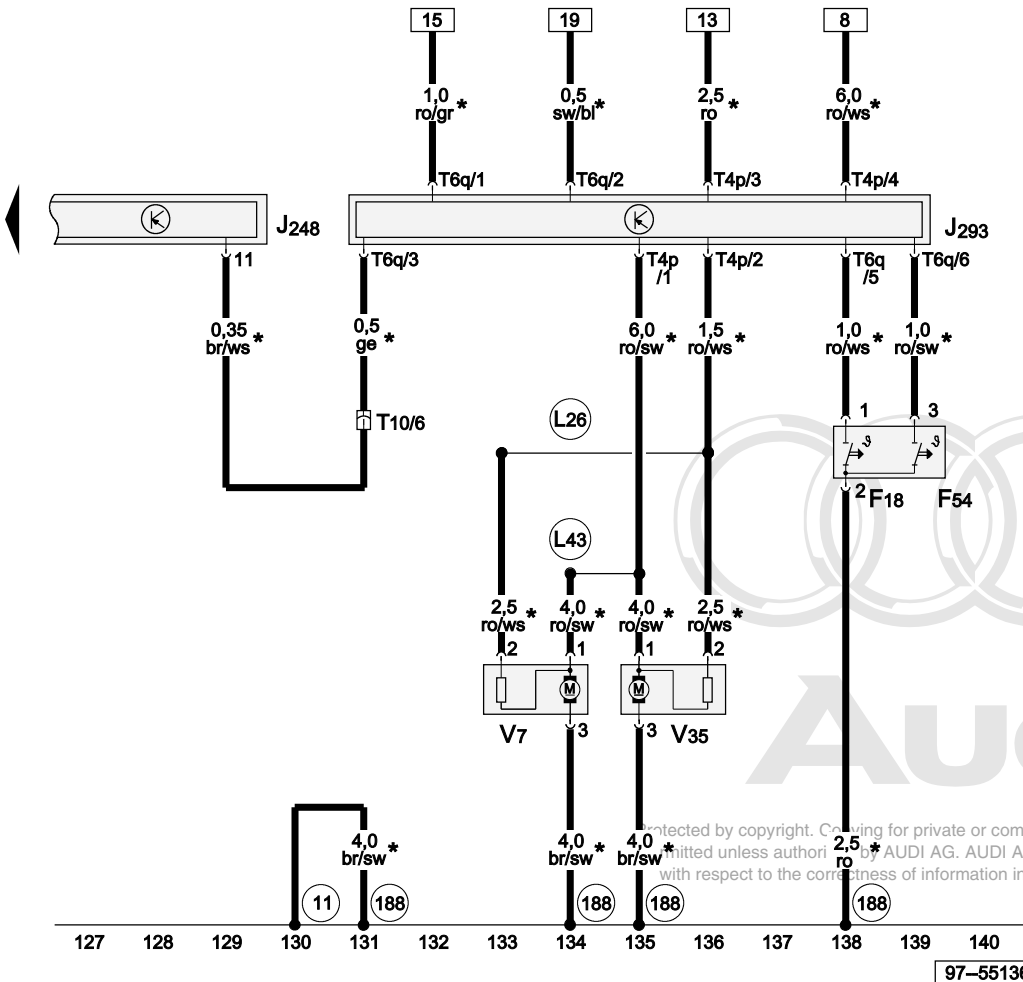
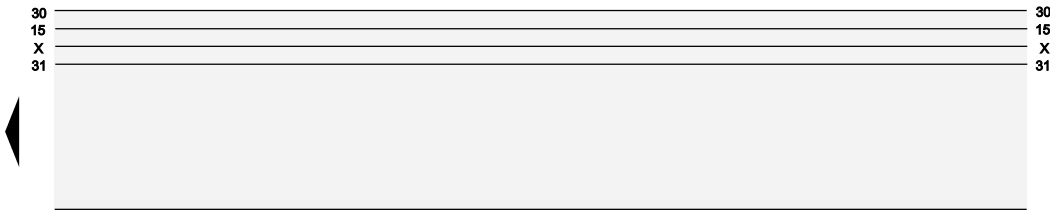
E45	Cruise control system switch
F	Brake light switch
F36	Clutch pedal switch
J248	Diesel direct injection system control unit
N79	Heater element (crankcase breather)
T6m	6-pin connector, brown, in plenum chamber
T10	10-pin connector, white, in plenum chamber
T10c	10-pin connector, black, in engine compartment, left
T10e	10-pin connector, black, in plenum chamber
T10x	10-pin connector, orange, in plenum chamber
156	Earth connection, in diesel direct injection wiring harness
B148	Positive (+) connection -3- (87), in interior wiring harness
B185	Connection -2- (54), in interior wiring harness
*	Only applies to models with cruise control system
**	Only models with manual gearbox
***	Only applies to models with heater elements



Diesel direct injection system control unit, radiator fan, automatic gearbox control unit, control and display unit for air conditioner/Climatronic

- E87 Control and display unit for air conditioner/Climatronic
- F18 Radiator fan thermo-switch
- F54 Radiator fan thermo-switch
- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J397 Radiator fan run-on relay
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, in plenum chamber
- V7 Radiator fan

- 11 Earth point, in battery box
- A68 Connection (30, air conditioner), in dash panel wiring harness
- A108 Connection (speed signal), in dash panel wiring harness
- L26 Connection (radiator fan), in engine compartment - Climatronic wiring harness
- * Only models with automatic gearbox
- ** Only models with manual gearbox
- *** Does not apply to models with four-wheel drive
- **** Only applies to models with air conditioner



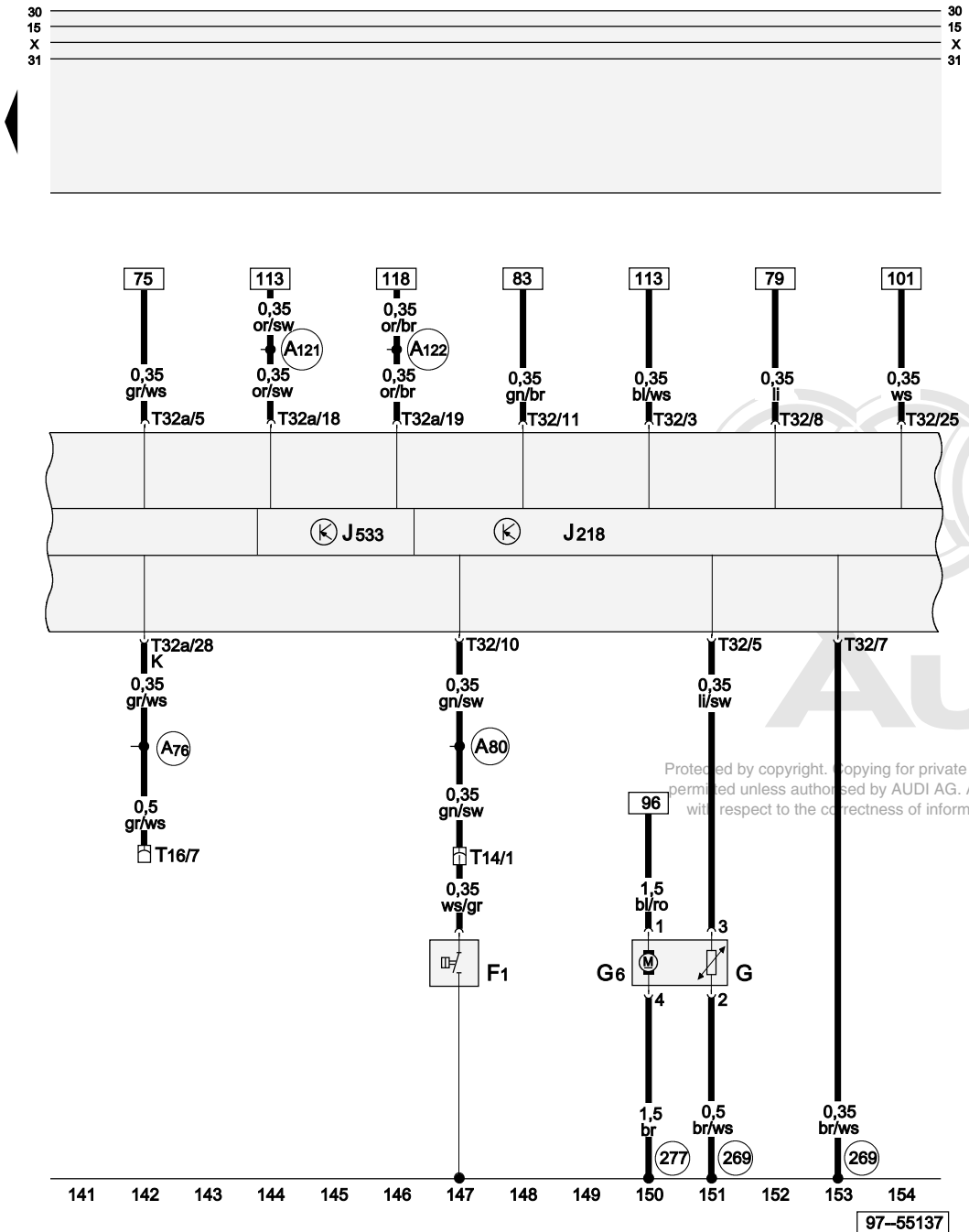
Diesel direct injection system control unit, radiator fan control unit

- F18 Radiator fan thermo-switch
- F54 Radiator fan thermo-switch
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- T4p 4-pin connector, on radiator fan control unit
- T6q 6-pin connector, on radiator fan control unit
- T10 10-pin connector, white, in plenum chamber
- V7 Radiator fan
- V35 Radiator fan, right

- 11 Earth point, in battery box
- 188 Earth connection -3-, in air conditioner wiring harness
- L26 Connection (radiator fan), in engine compartment - Climatronic wiring harness
- L43 Connection (radiator fan), in air conditioner/radiator fan wiring harness

* Only applies to models with four-wheel drive

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

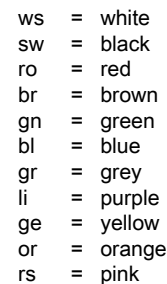


Combi-processor in dash panel insert, oil pressure switch, fuel gauge sender, diagnostic connector

- F1 Oil pressure switch
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- J218 Combi-processor in dash panel insert
- J533 Data bus diagnostic interface
- T14 14-pin connector, in engine compartment, left
- T16 16-pin connector, black, centre console compartment (diagnostic connector)
- 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
- 277 Earth connection -3-, in interior wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- A121 Connection (high bus), in dash panel wiring harness
- A122 Connection (low bus), in dash panel wiring harness

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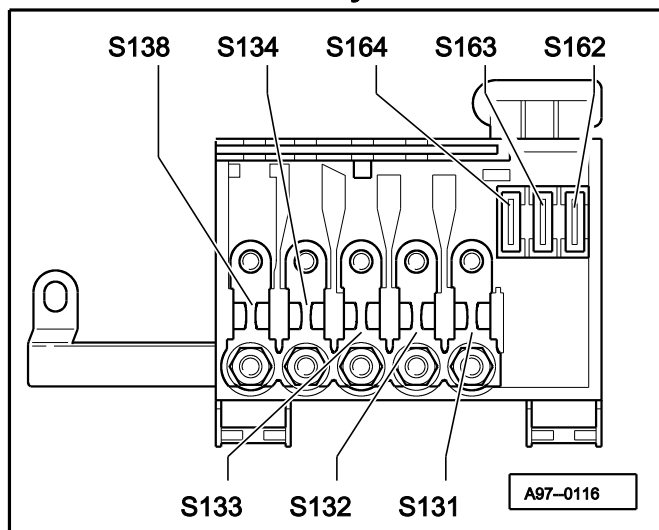
10	Earth point, in plenum chamber
281	Earth connection -1-, in engine wiring harness
A23	Connection (30a1), in dash panel wiring harness
B149	Positive (+) connection -2- (15a), in interior wiring harness
B178	Connection (speed signal), in interior wiring harness

* Only models with manual gearbox
** Only models with automatic gearbox

1.6 litre fuel injection engine (Motronic), 69 kW, 4-cylinder, engine code BAH

From model year 2003

Main fuse box/battery



◆ On battery, in engine compartment, front left

Position of fuses

S131 - Fuse 1

S132 - Fuse 2

S133 - Fuse 3

S134 - Fuse 4

S138 - Fuse 5

S162 - Fuse -1- (30), in fuse box/battery

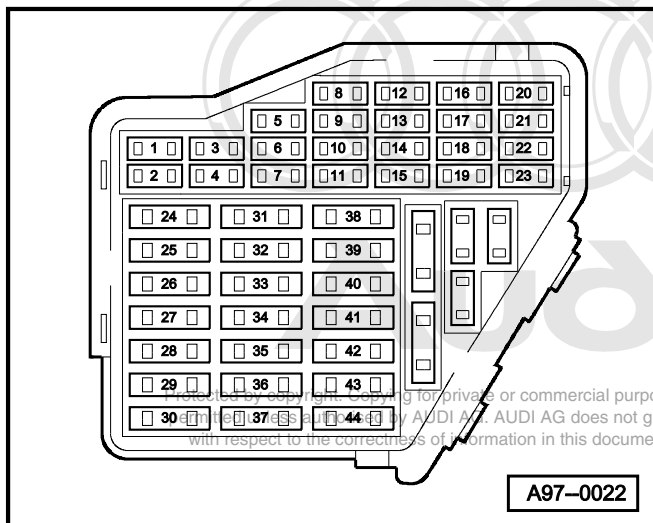
S163 - Fuse -2- (30), in fuse box/battery

S164 - Fuse -3- (30), in fuse box/battery



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Fuse box



◆ Dash panel, driver's side

Fuse colours

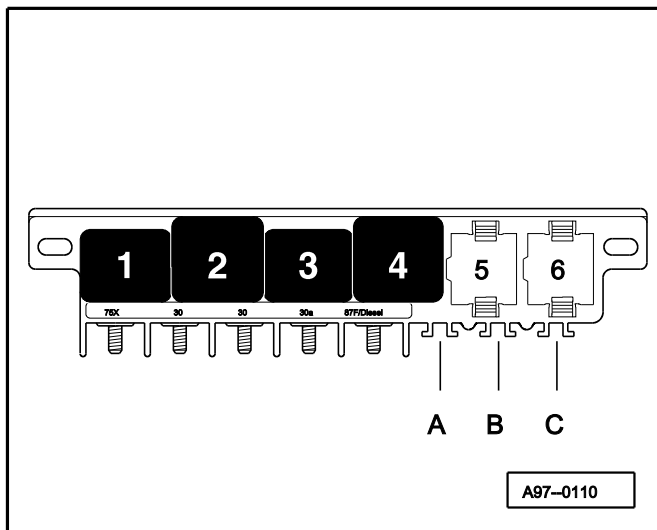
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige



Note:

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

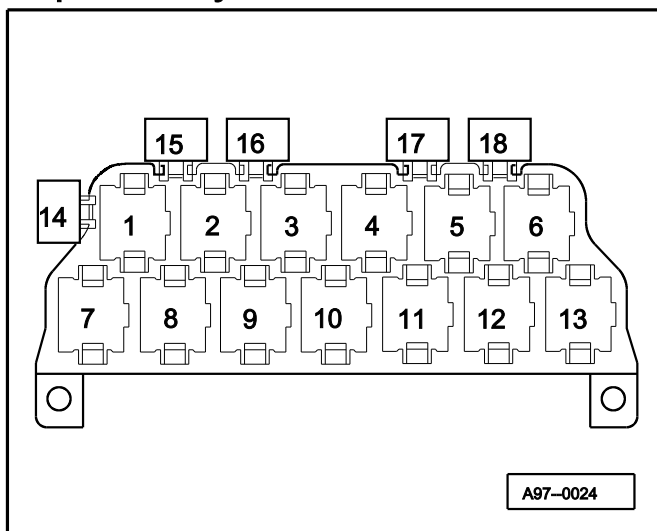
Micro-central electrics



◆ Under driver's storage compartment

4 - Fuel pump relay (J17)

13-point relay carrier

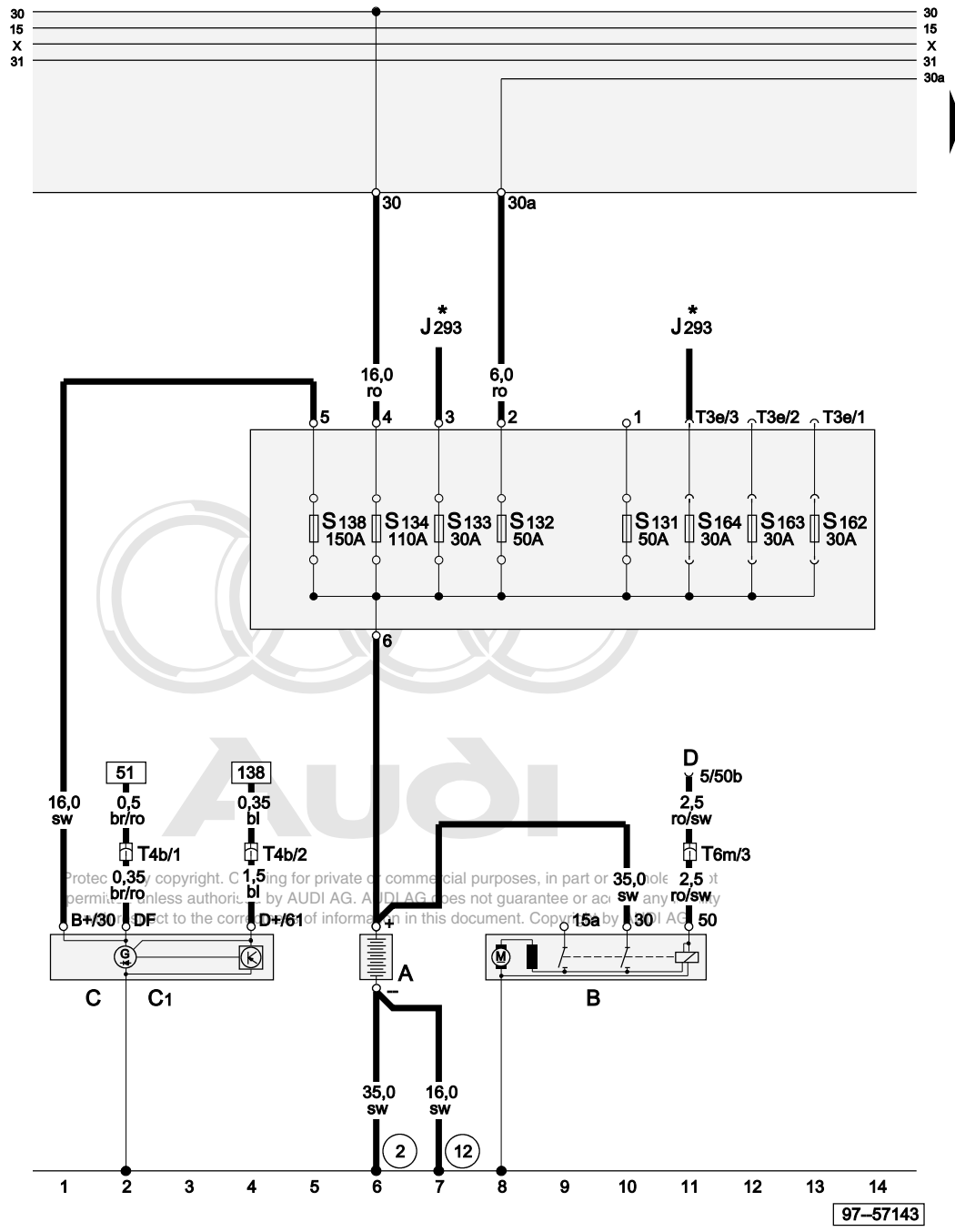


◆ Above micro-central electrics, under driver's storage compartment

11 - Starter inhibitor and reversing light relay (J226)



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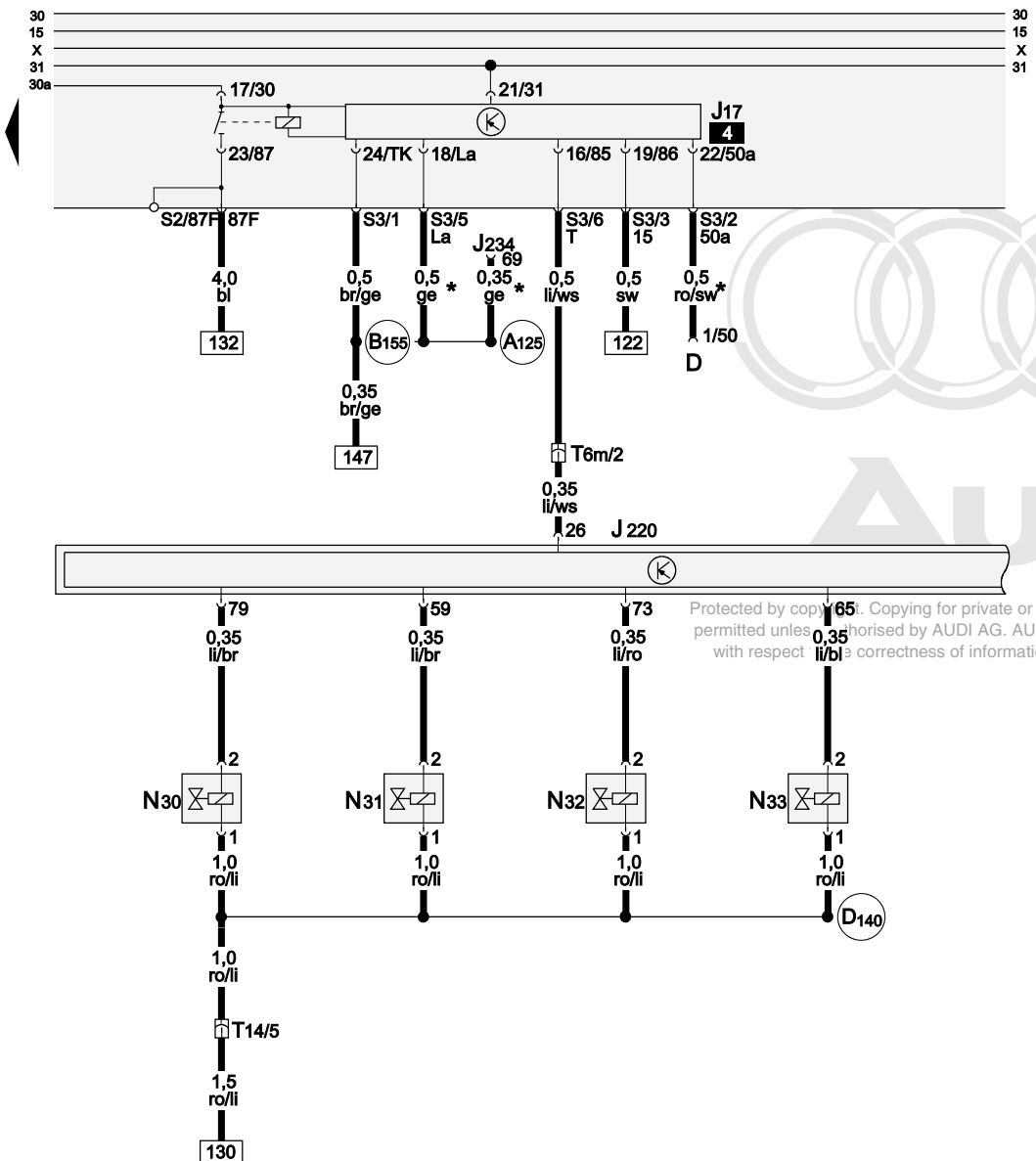
Battery, starter, alternator, fuses

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- J293 Radiator fan control unit
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- S134 Fuse 4
- S138 Fuse 5
- S162 Fuse -1- (30), in fuse box/battery
- S163 Fuse -2- (30), in fuse box/battery
- S164 Fuse -3- (30), in fuse box/battery
- T3e 3-pin connector, black, on main fuse box
- T4b 4-pin connector, in engine compartment, left
- T6m 6-pin connector, brown, in plenum chamber

2 Earth strap, gearbox - body

12 Earth point, in engine compartment, left

* Radiator fan control (engine), see applicable Current Flow Diagram: Air conditioner



Motronic control unit, injectors, fuel pump relay

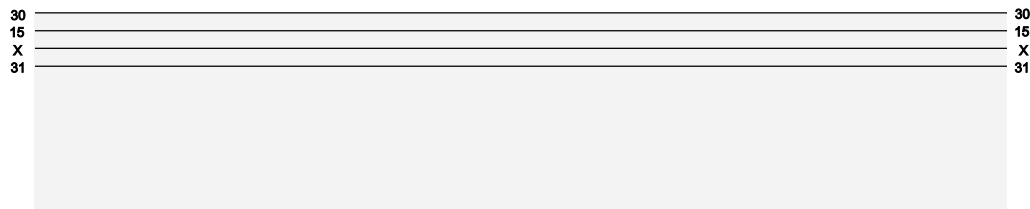
- D Ignition/starter switch
- J17 Fuel pump relay
- J220 Motronic control unit
- J234 Airbag control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T6m 6-pin connector, brown, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- A125 Connection (crash signal), in dash panel wiring harness
- B155 Connection -2- (TK (door contact)), in interior wiring harness
- D140 Connection (injectors), in engine prewiring wiring harness
- * If fitted

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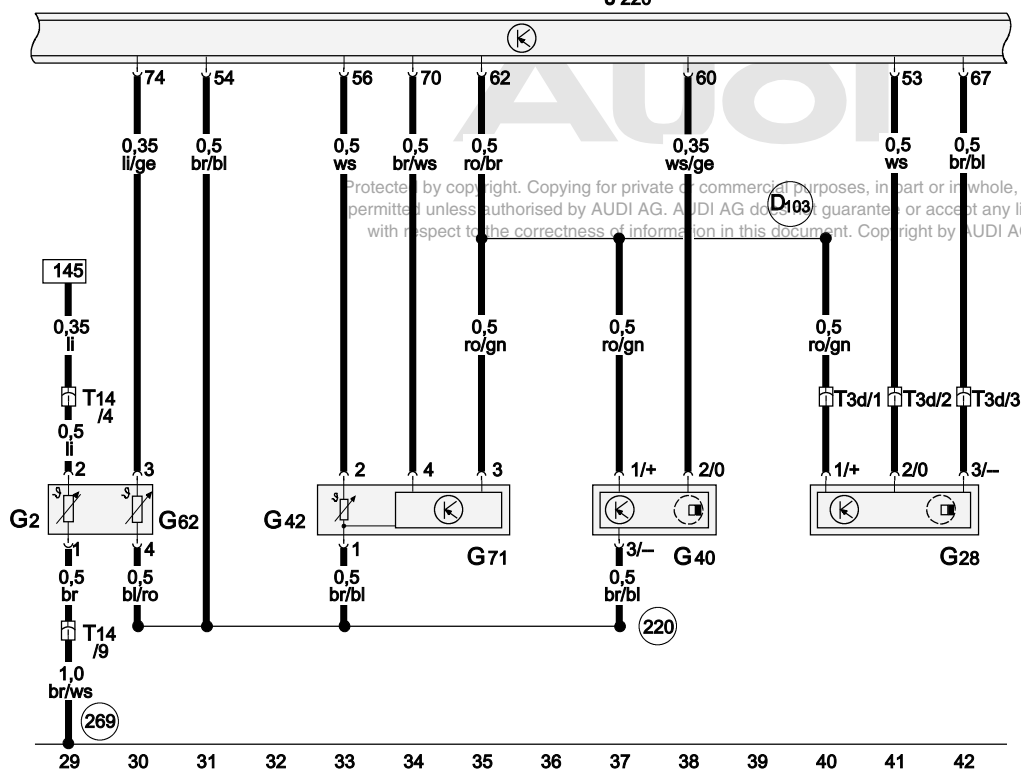
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15 16 17 18 19 20 21 22 23 24 25 26 27 28

97-56061



J 220

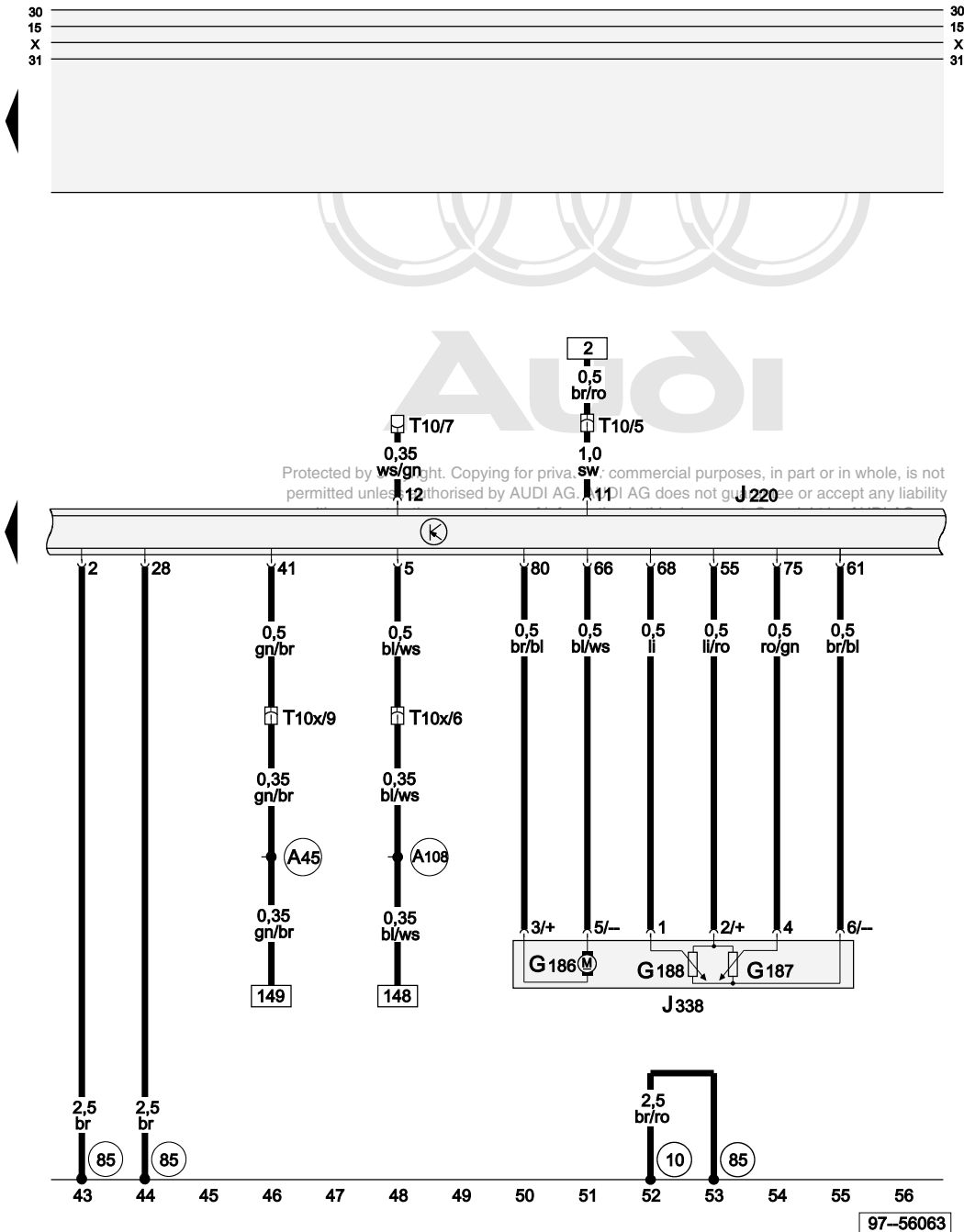


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Motronic control unit, coolant temperature sender, engine speed sender, Hall sender, coolant temperature sender, intake manifold pressure sender, intake air temperature sender

- G2 Coolant temperature sender
- G28 Engine speed sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J220 Motronic control unit
- T3d 3-pin connector, white, engine speed sender, in engine compartment
- T14 14-pin connector, in engine compartment, left
- 220 Earth connection (sender earth), in engine wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- D103 Connection -3-, in engine compartment wiring harness

97-56062

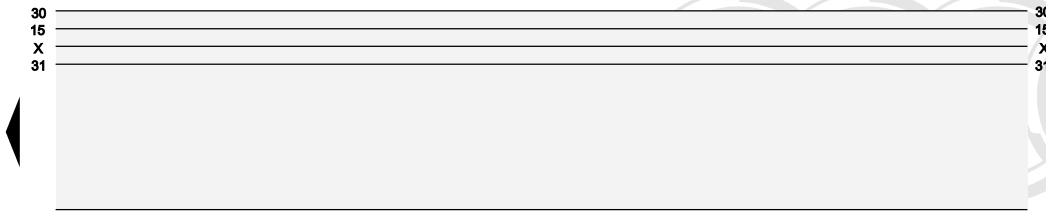


Motronic control unit, throttle valve unit

- 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
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, in plenum chamber

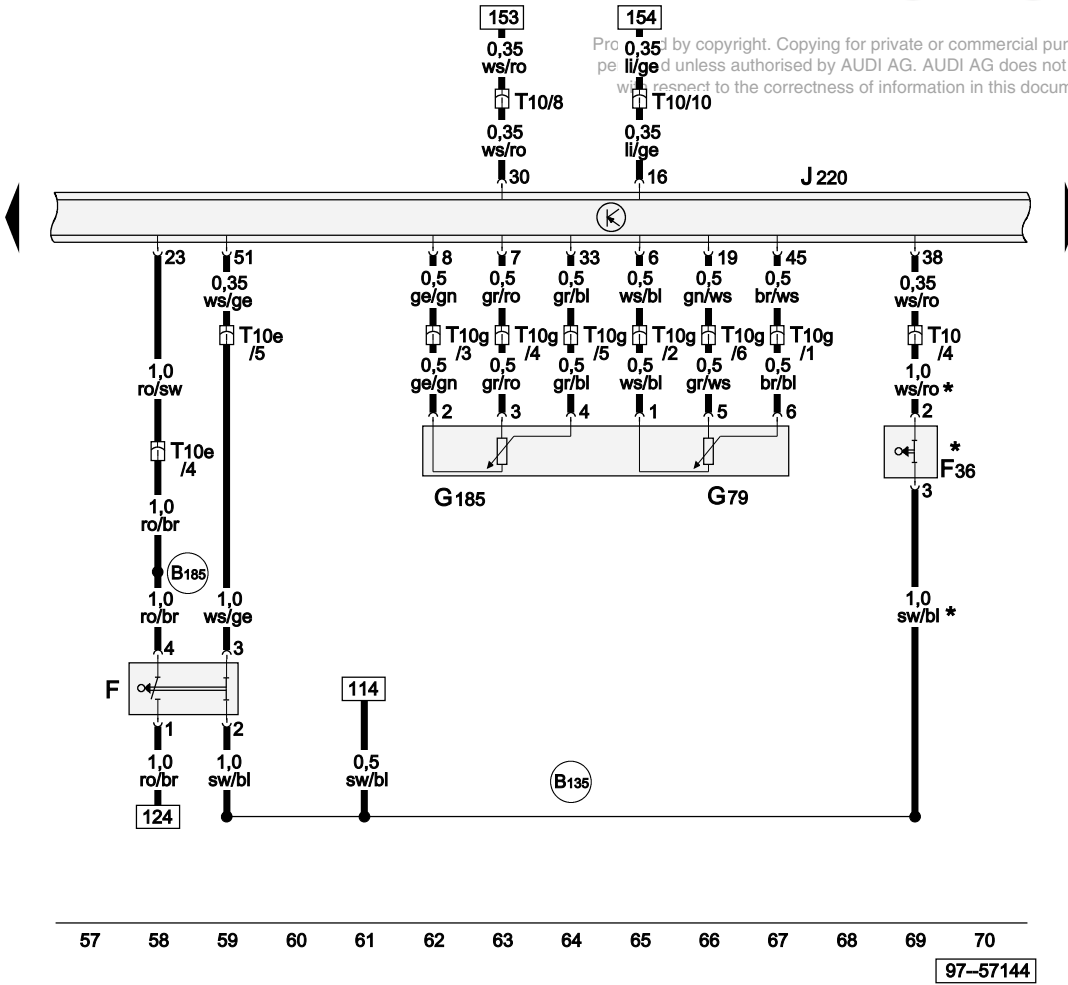
- 10 Earth point, in plenum chamber
- 85 Earth connection -1-, in engine compartment wiring harness
- A45 Connection (engine speed signal), in dash panel wiring harness
- A108 Connection (speed signal), in dash panel wiring harness

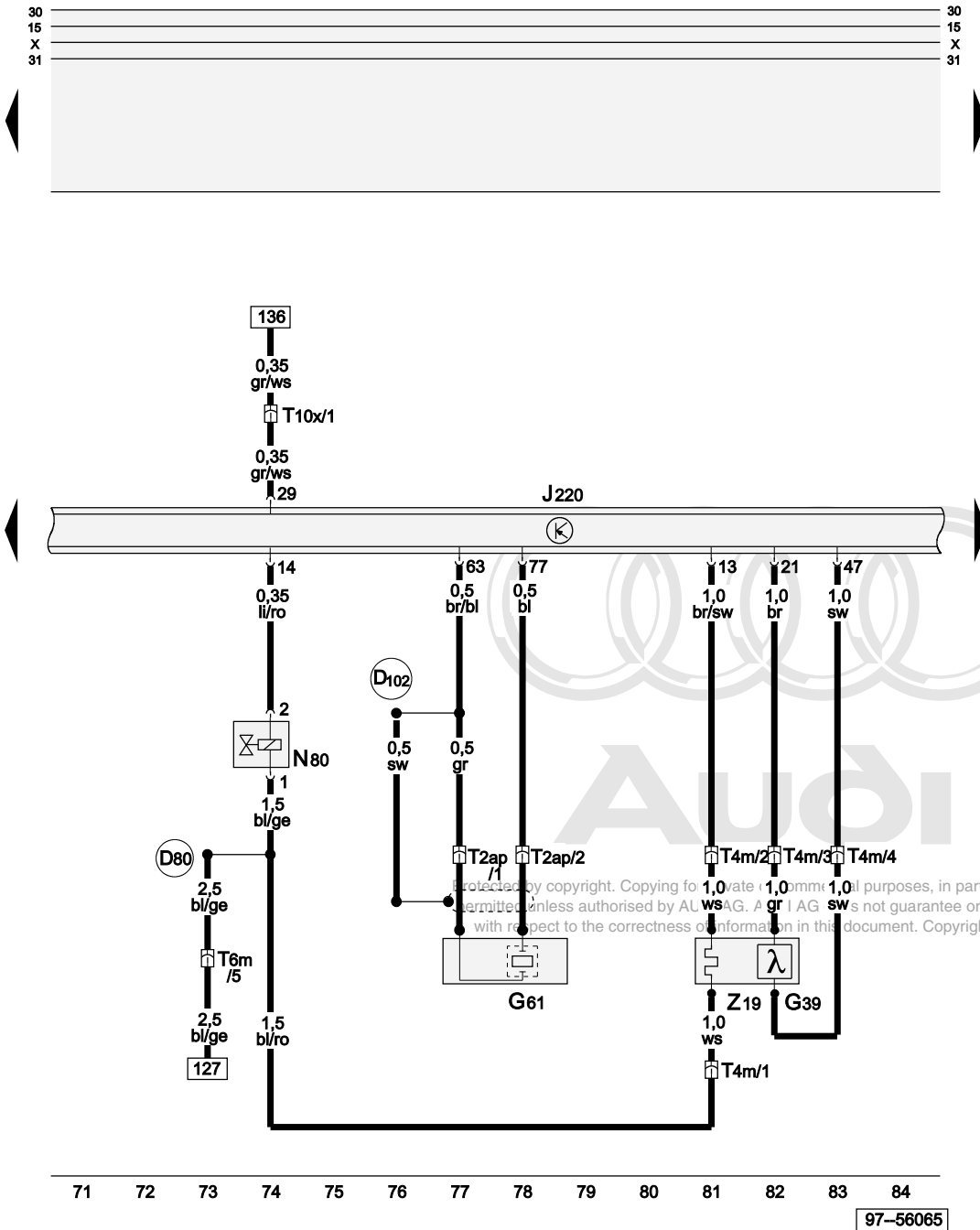
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Motronic control unit, accelerator pedal position senders, clutch pedal switch, brake light switch

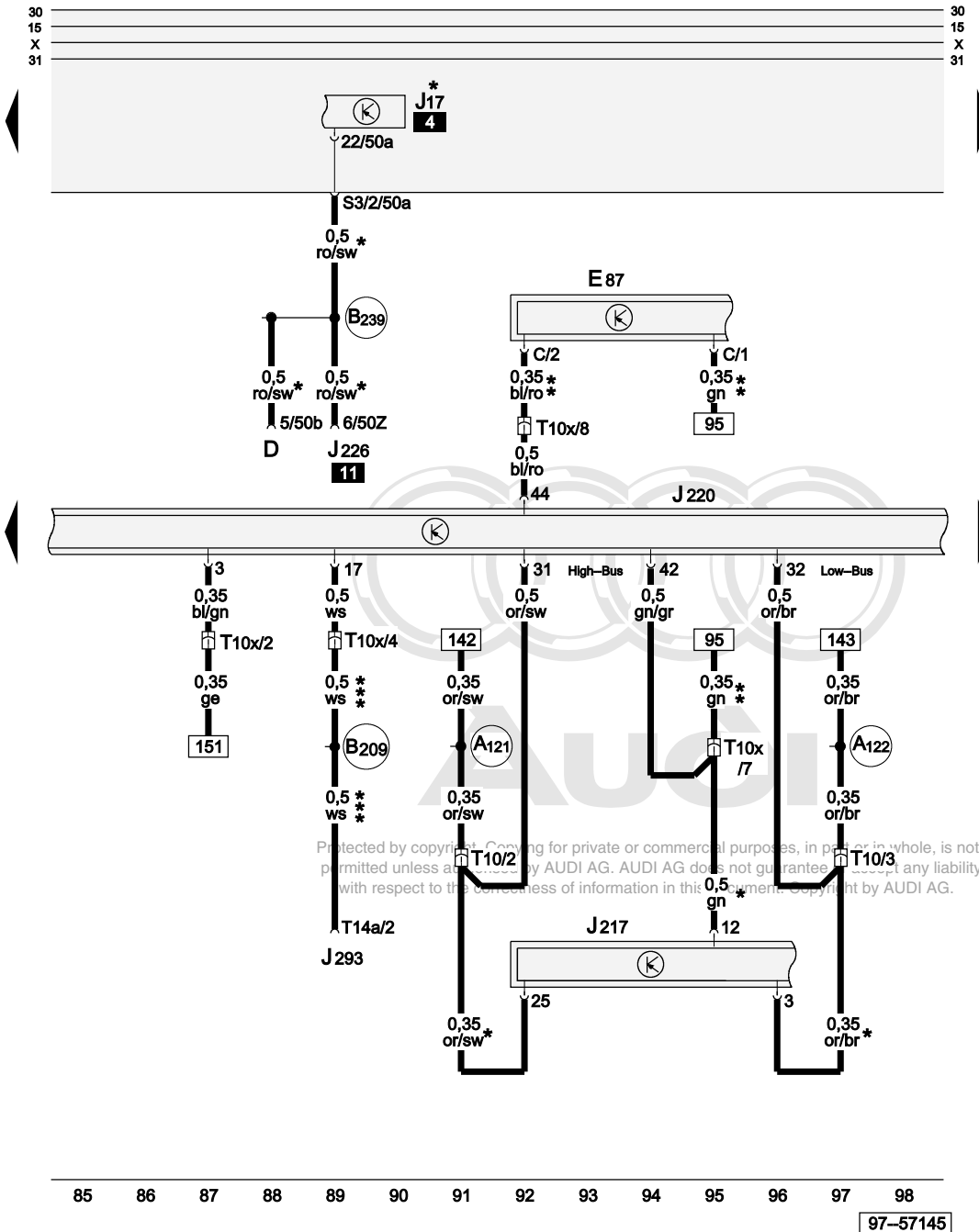
- F Brake light switch
- F36 Clutch pedal switch
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J220 Motronic control unit
- T10 10-pin connector, white, in plenum chamber
- T10e 10-pin connector, black, in plenum chamber
- T10g 10-pin connector, blue, in plenum chamber
- B135 Connection -1- (15a), in interior wiring harness
- B185 Connection -2- (54), in interior wiring harness
- * Only applies to models with manual gearbox





Motronic control unit, knock sensor I, lambda probe, lambda probe heater, activated charcoal filter system solenoid valve 1

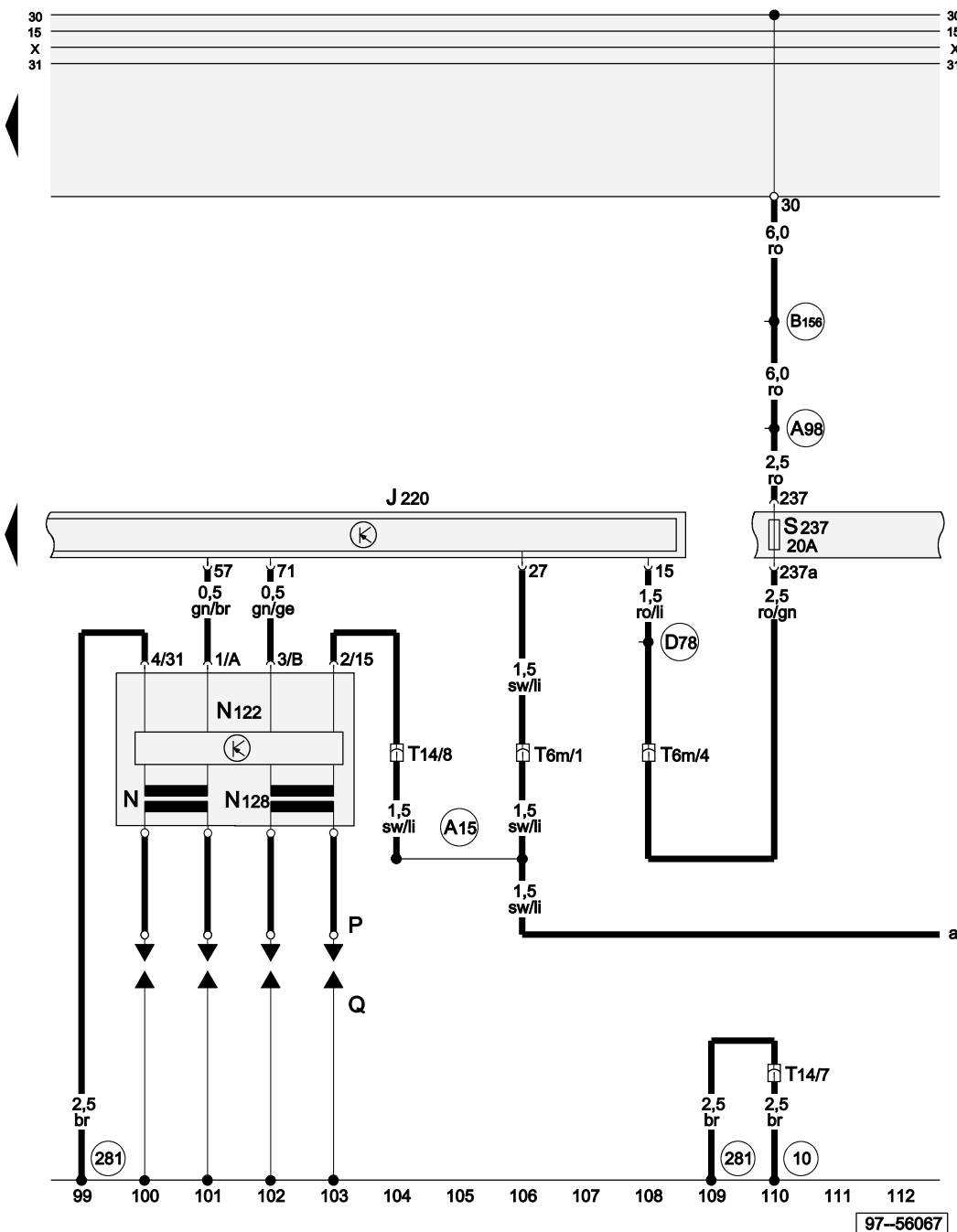
- G39 Lambda probe
- G61 Knock sensor I
- J220 Motronic control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- T2ap 2-pin connector, knock sensor I
- T4m 4-pin connector, lambda probe, in engine compartment, right
- T6m 6-pin connector, brown, engine compartment, in plenum chamber
- T10x 10-pin connector, orange, engine compartment, in plenum chamber
- Z19 Lambda probe heater
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- D102 Connection -2-, in engine compartment wiring harness



Motronic control unit, control and display unit for air conditioner/Climatronic

- D Ignition/starter switch
- E87 Control and display unit for air conditioner/Climatronic
- J17 Fuel pump relay
- J217 Automatic gearbox control unit
- J220 Motronic control unit
- J226 Starter inhibitor and reversing light relay
- J293 Radiator fan control unit
- T10 10-pin connector, white, in plenum chamber
- T10x 10-pin connector, orange, engine compartment, in plenum chamber
- T14a 14-pin connector, air conditioner control unit (radiator fan)
- A121 Connection (high bus), in dash panel wiring harness
- A122 Connection (low bus), in dash panel wiring harness
- B209 Connection (Climatronic sender), in interior wiring harness
- B239 Positive (+) connection -1- (50), in interior wiring harness
- * Only models with automatic gearbox
- ** Only applies to models with air conditioner
- *** Radiator fan control (engine), see applicable Current Flow Diagram: Air conditioner

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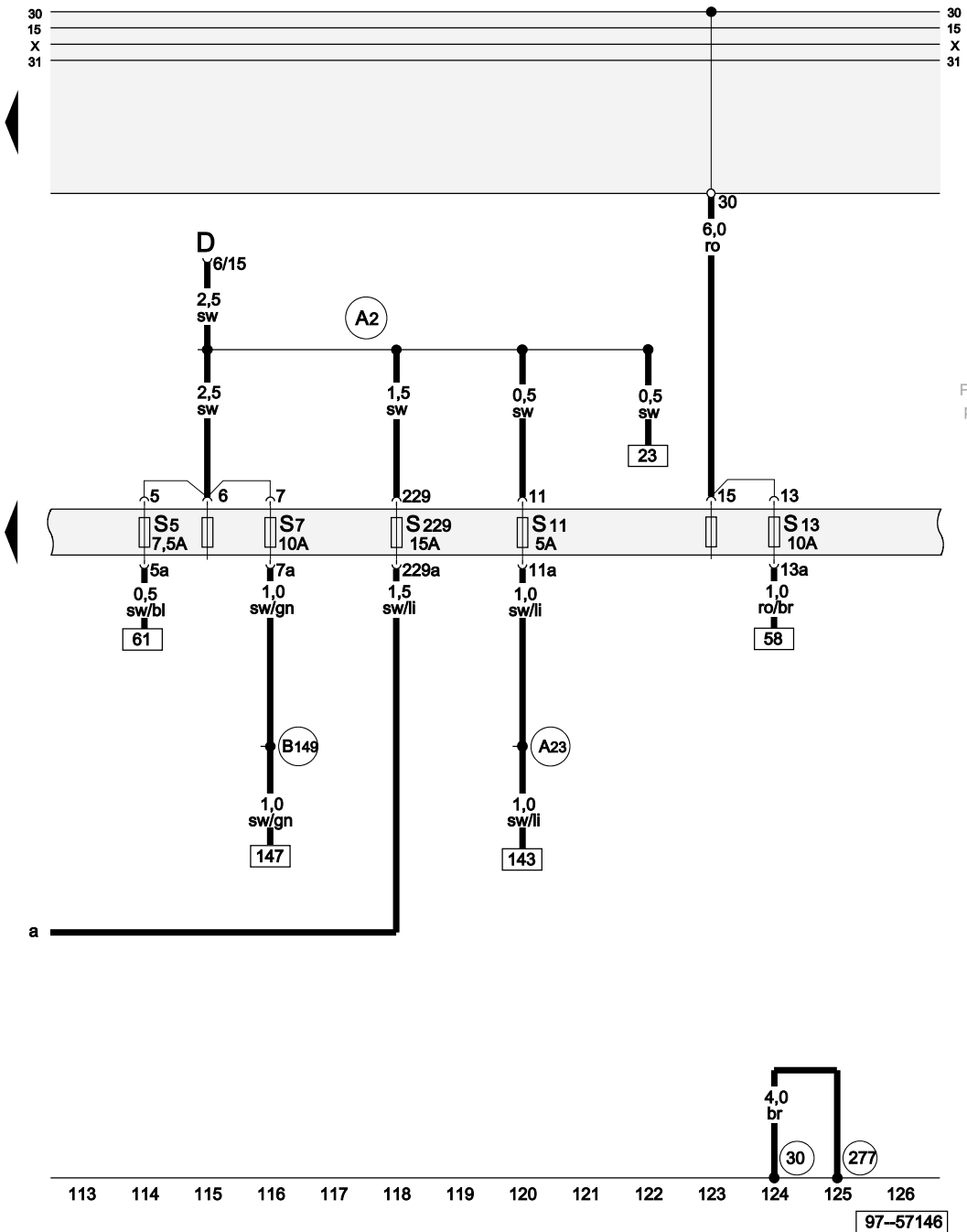


Motronic control unit, ignition coils, final output stage

- J220 Motronic control unit
- N Ignition coil
- N122 Final output stage
- N128 Ignition coil 2
- P Spark plug connector
- Q Spark plugs
- S237 Fuse in fuse box
- T6m 6-pin connector, brown, in plenum chamber
- T14 14-pin connector, in engine compartment, left
- 10 Earth point, in plenum chamber
- 281 Earth connection -1-, in engine wiring harness
- A15 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- B156 Positive (+) connection (30a), in interior wiring harness
- D78 Positive (+) connection -1- (30a), in engine compartment wiring harness

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Fuses

- D Ignition/starter switch
- S5 Fuse in fuse box/relay plate
- S7 Fuse in fuse box/relay plate
- S11 Fuse in fuse box/relay plate
- S13 Fuse in fuse box/relay plate
- S229 Fuse in fuse box

30 Earth point -1-, next to relay plate

277 Earth connection -3-, in interior wiring harness

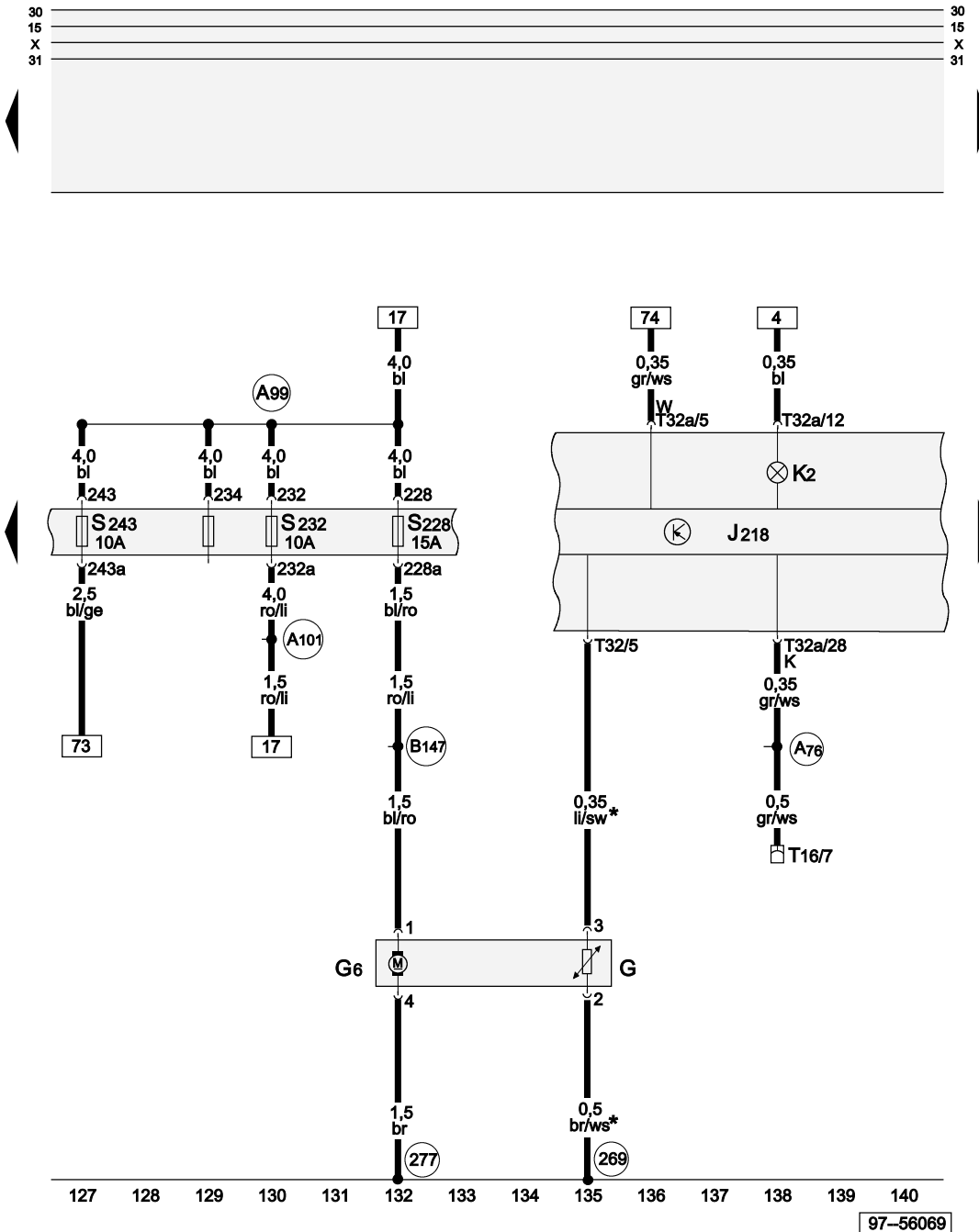
A2 Positive (+) connection (15), in dash panel wiring harness

A23 Connection (30a), in dash panel wiring harness

B149 Positive (+) connection -2- (15a), in interior wiring harness

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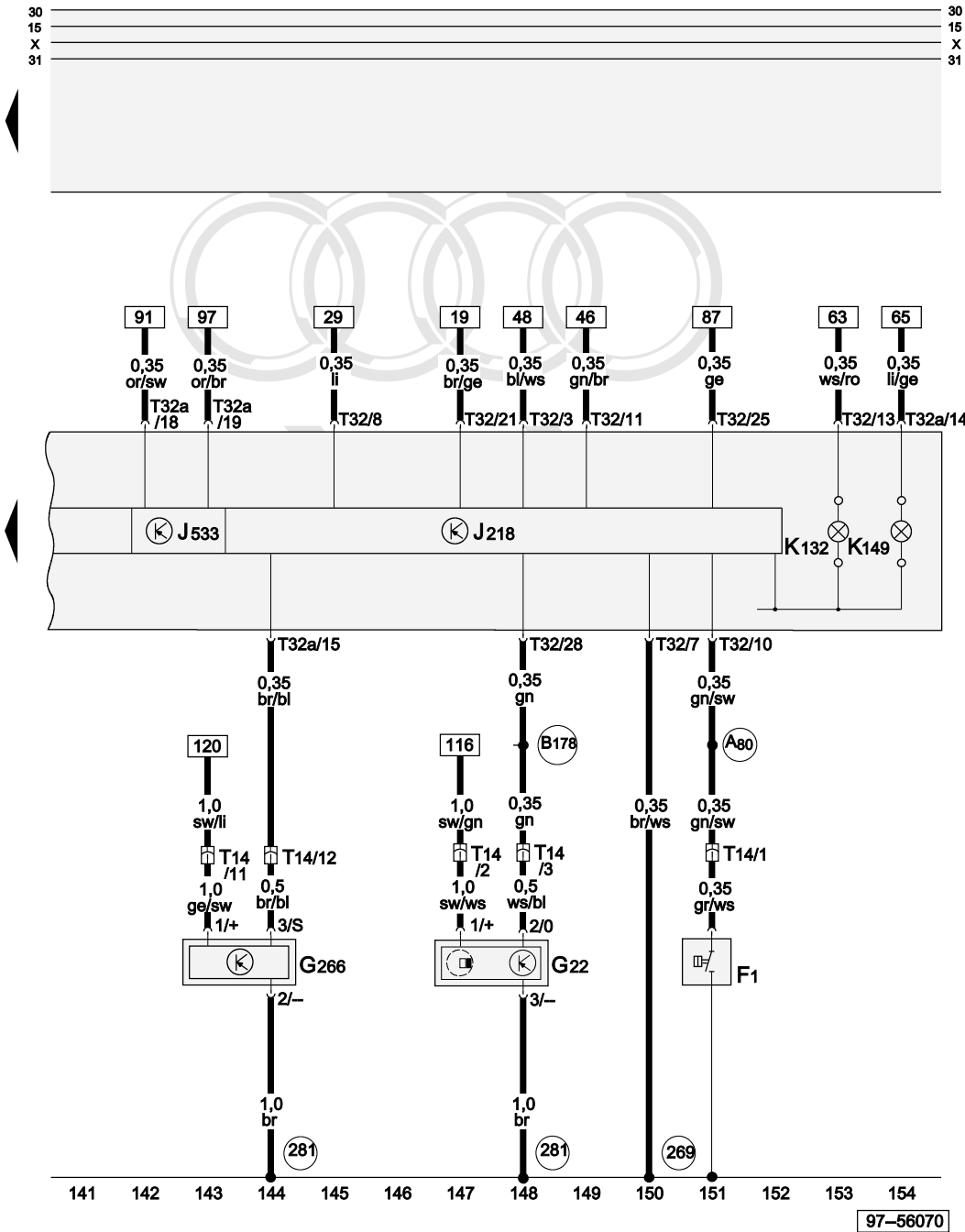


Fuses, fuel gauge sender, fuel pump

- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- J218 Combi-processor in dash panel insert
- K2 Alternator warning lamp
- S228 Fuse in fuse box
- S232 Fuse in fuse box
- S243 Fuse in fuse box
- T16 16-pin connector, black, centre console compartment (diagnostic connector)
- 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
- 277 Earth connection -3-, in interior wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A101 Connection -3- (87), in dash panel wiring harness
- B147 Positive (+) connection -2- (87), in interior wiring harness
- * If fitted

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Dash panel insert, oil pressure switch, speedometer sender (Hall sender, on gearbox), oil level/oil temperature sender

- F1 Oil pressure switch
- G22 Speedometer sender (Hall sender, on gearbox)
- G266 Oil level/oil temperature sender
- J218 Combi-processor in dash panel insert
- J533 Data bus diagnostic interface
- K132 Electronic power control fault lamp
- K149 Engine electronics warning lamp
- T14 14-pin connector, in engine compartment, 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
- 281 Earth connection -1-, in engine prewiring wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- B178 Connection (speed signal), in interior wiring harness