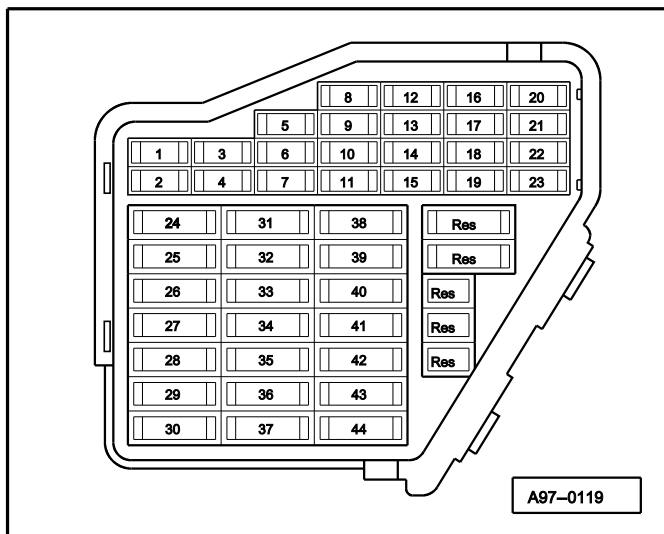


## Basic equipment

from model year 2005

### Fuse holder, left dash panel



### Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

SB - Fuses in fuse holder left dash panel

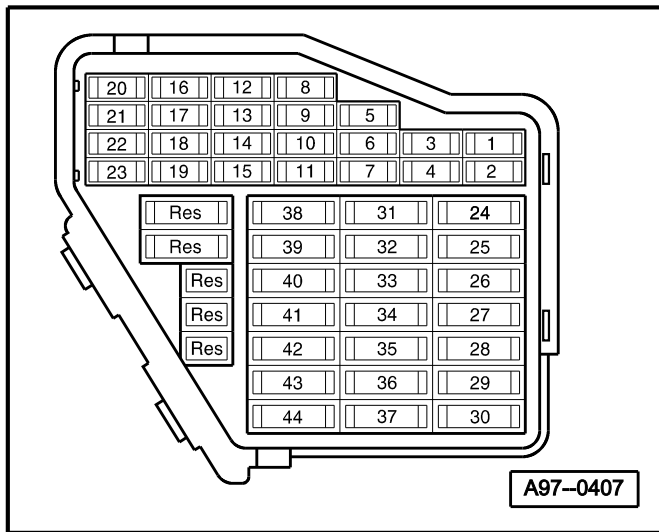
SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

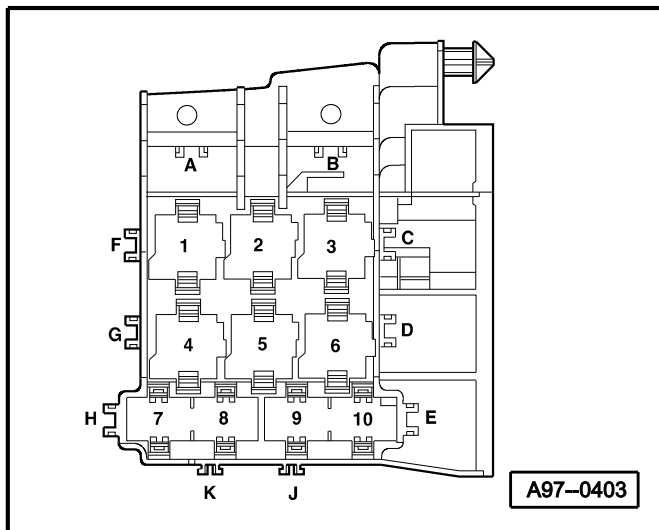
SF - Fuses in fuse holder right in luggage compartment

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Fuse holder right dash panel



Relay and fuse carrier behind left dash panel



Relay positions

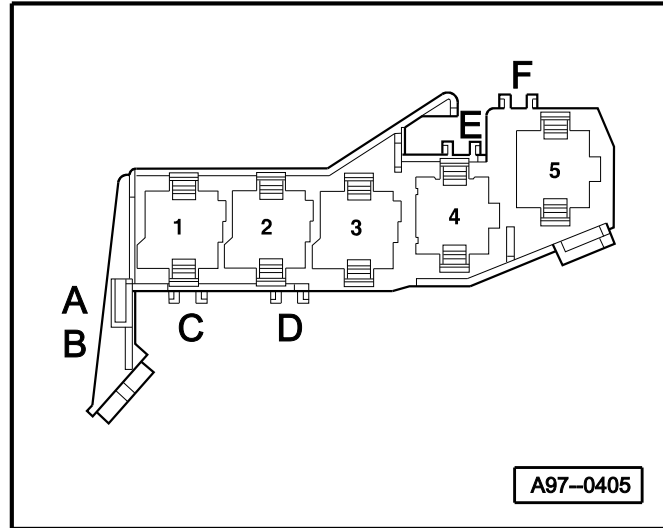
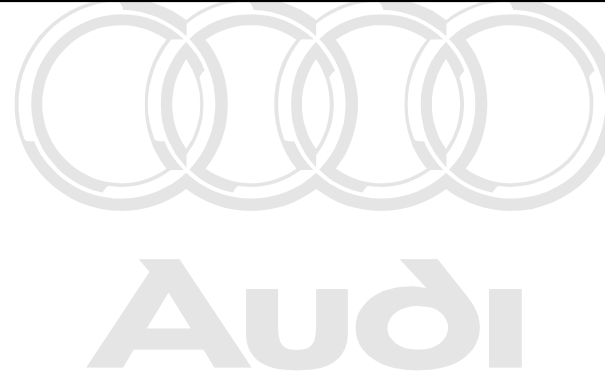
- 2 - Dual tone horn relay (J4)
- 3 - Terminal 15 voltage supply relay (J329)



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- 6 - Terminal 75 voltage supply relay 1 (J680)
- A - ABS control unit fuse 1 (S123)
- B - Levelling system fuse (S110)

**Relay carrier, in front right footwell**

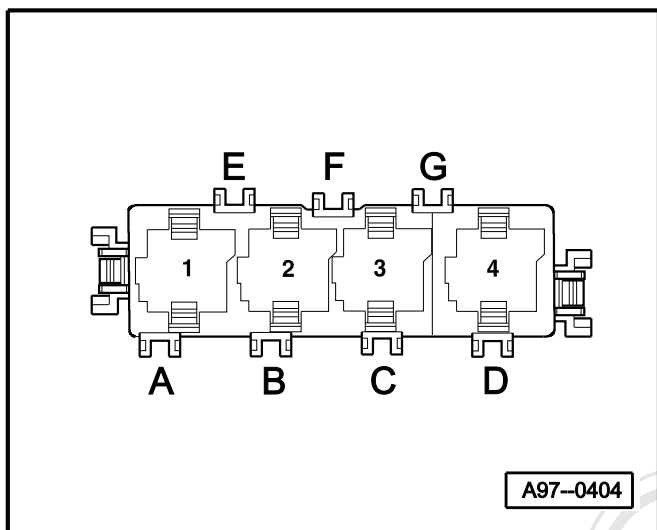


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Relay positions

- 4 - Fuel pump relay (J17)
- 5 - Headlight washer system relay (J39)

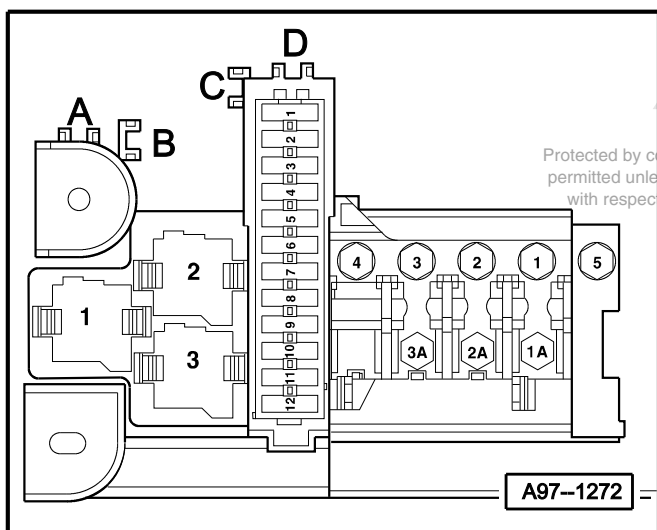
Relay carrier electronics box in plenum chamber



Relay positions

- 2 - Terminal 30 voltage supply relay (317), diesel engines
- 2 - Motronic current supply relay (J271), petrol engines

Relay and fuse carrier right in luggage compartment

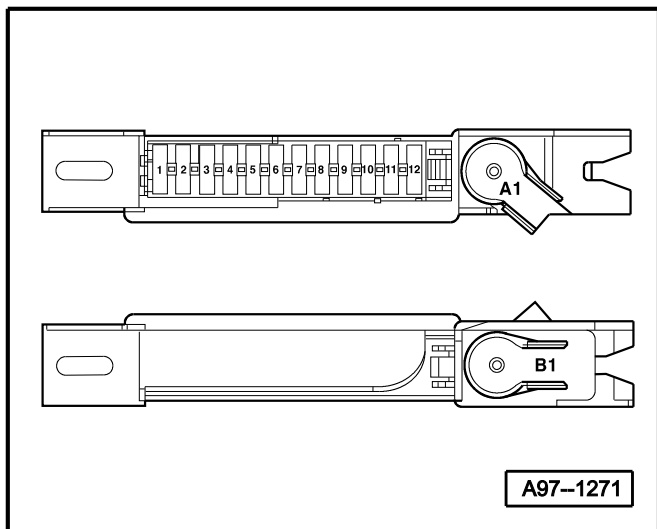


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Relay positions

- 1 - Heated rear window relay (J9)
- 3 - Electric fuel pump 2 relay (J49)
- A - Heated rear window fuse (S41)

**Fuse holder on left in luggage compartment**



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Fuse locations

- A1 - Terminal 30 screw point (battery)
- B1 - Terminal 30 screw point



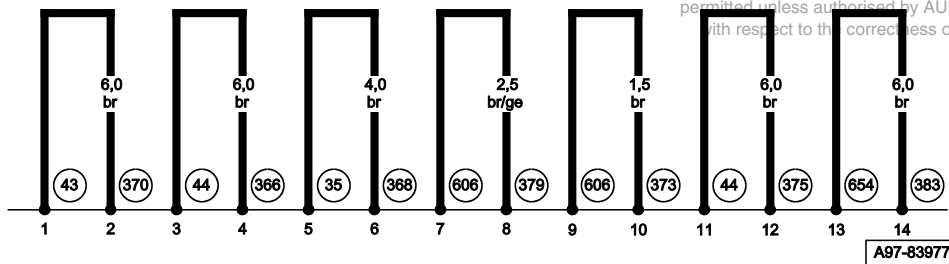
Earth connections

- 35 Earth point, under front passenger seat
- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- 654 Earth point, right D-pillar



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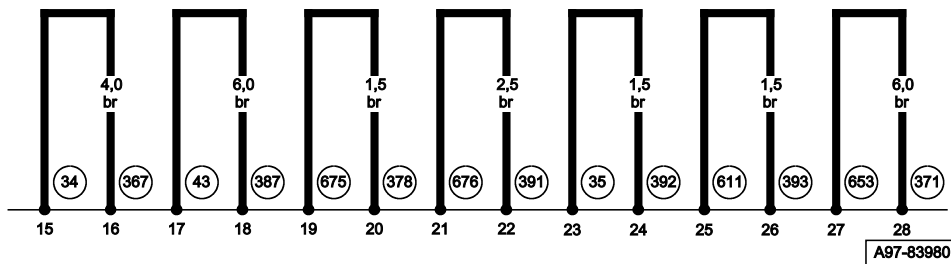
A97-83977



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Earth connections

- 34 Earth point, under driver seat
- 35 Earth point, under front passenger seat
- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- 611 Earth connection, on fuel tank filler neck
- 653 Earth point, left D-pillar
- 675 Earth point 2, on right in luggage compartment
- 676 Earth point 2, on left in luggage compartment

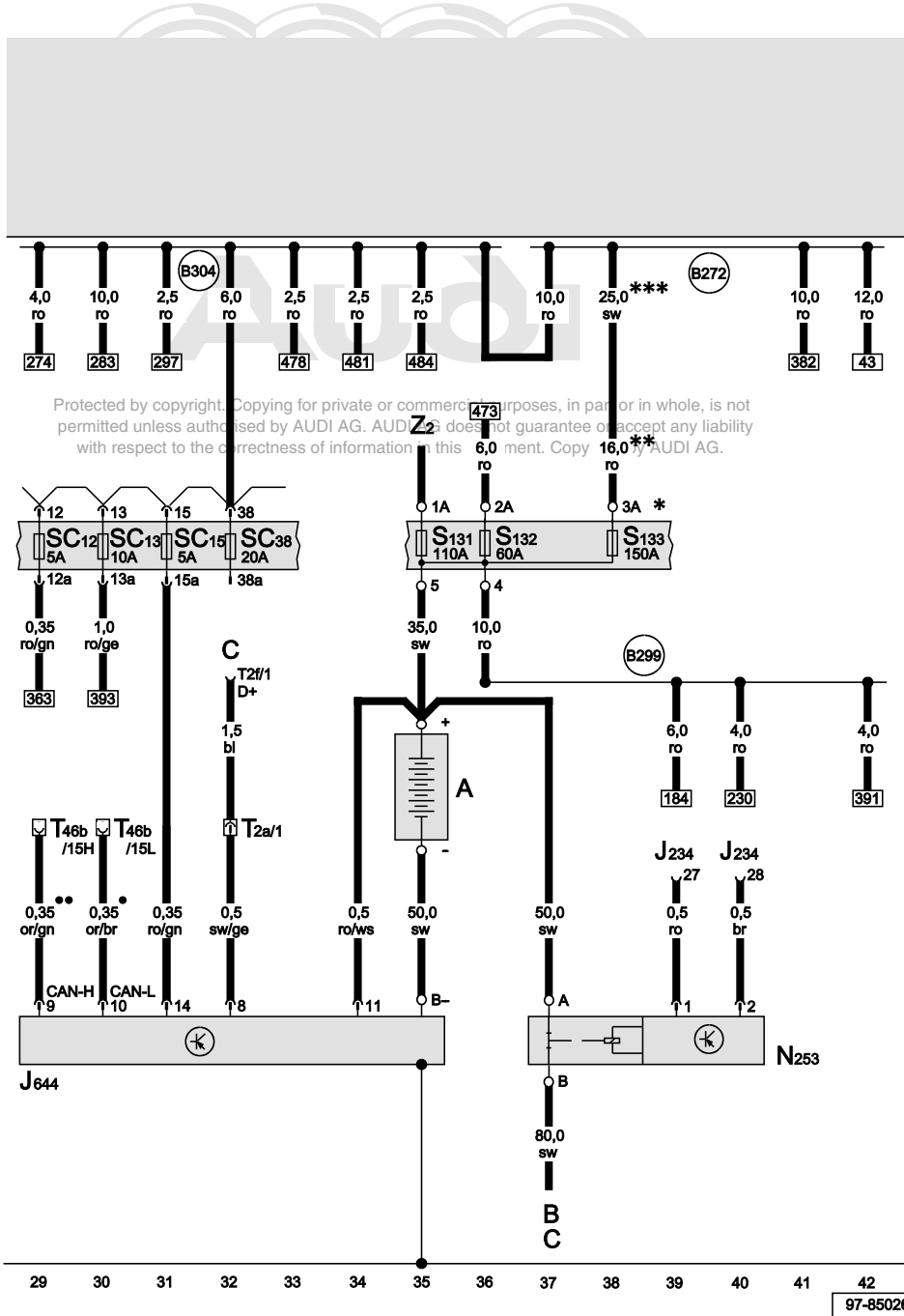


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A97-83980

Battery, energy management control unit, battery isolation igniter, fuses

- A Battery
  - B Starter
  - C Alternator
  - J234 Airbag control unit
  - J644 Energy management control unit
  - N253 Battery isolation igniter
  - S131 Fuse 1, 110 A, in luggage compartment, rear right
  - S132 Fuse 2, 60 A, in luggage compartment, rear right
  - S133 Fuse 3, 150 A, in luggage compartment, rear right
  - SC12 Fuse 12 on fuse holder
  - SC13 Fuse 13 on fuse holder
  - SC15 Fuse 15 on fuse holder
  - SC38 Fuse 38 on fuse holder
  - T2a 2-pin connector, black, in front right engine compartment
  - T2f 2-pin connector, black, on alternator
  - T46b 46-pin connector, black, CAN separating connector right
  - Z2 Heated windscreen
- (B272) Positive connection (30), in main wiring harness
  - (B299) Positive connection 3 (30), in main wiring harness
  - (B304) Positive connection 8 (30), in main wiring harness
- CAN bus (data wire)
  - \* In luggage compartment, rear right
  - \*\* models with petrol engines
  - \*\*\* models with diesel engines

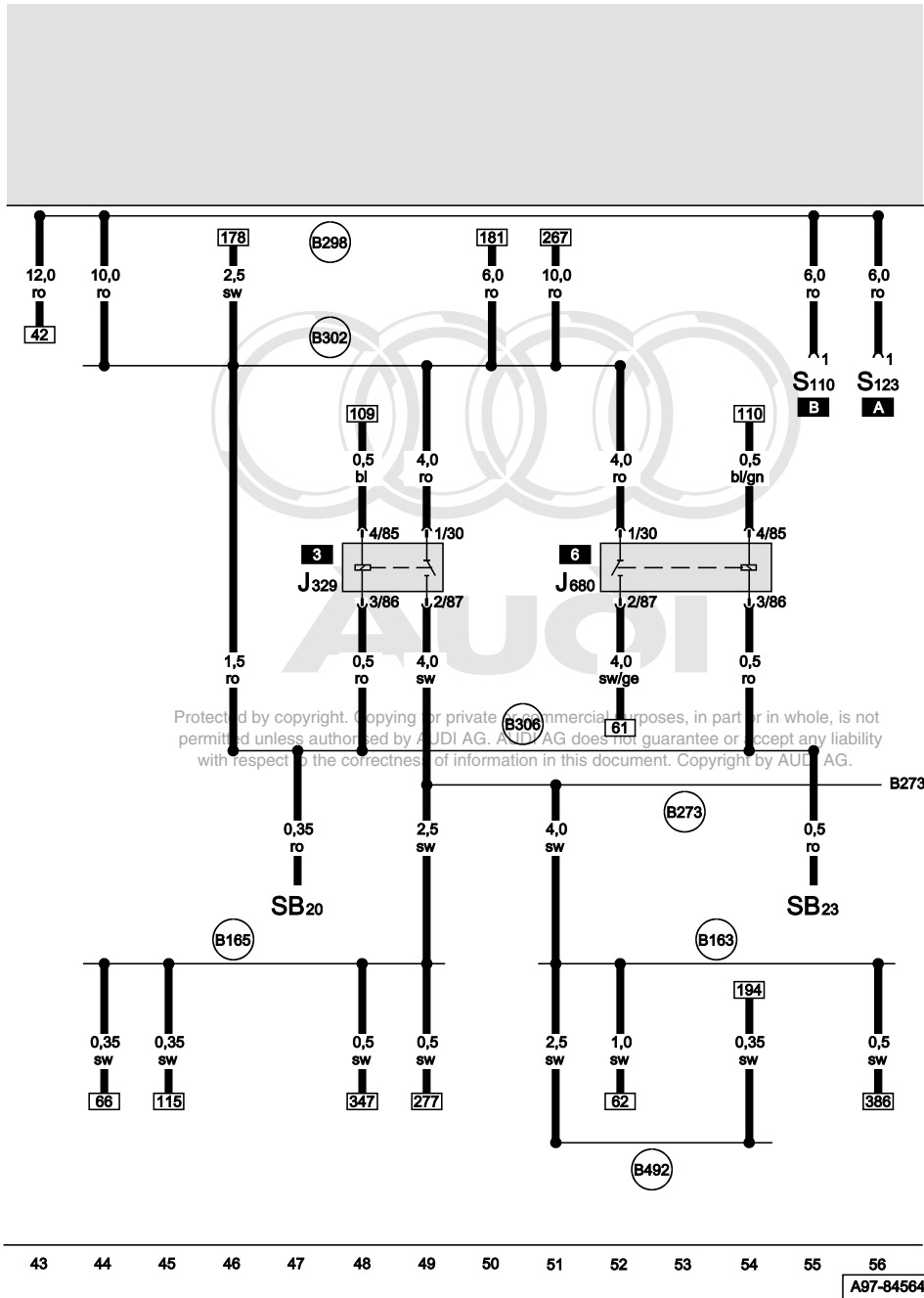




Terminal 15 voltage supply relay, terminal 75 voltage supply relay 1

- J329 Terminal 15 voltage supply relay
- J680 Terminal 75 voltage supply relay 1
- S110 Levelling system fuse
- S123 ABS control unit fuse 1
- SB20 Fuse 20 on fuse holder
- SB23 Fuse 23 on fuse holder

- (B163) Positive connection 1 (15), in interior wiring harness
- (B165) Positive connection 2 (15), in interior wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- (B306) Positive connection 10 (30), in main wiring harness
- (B492) Positive connection 3 (15), in interior wiring harness



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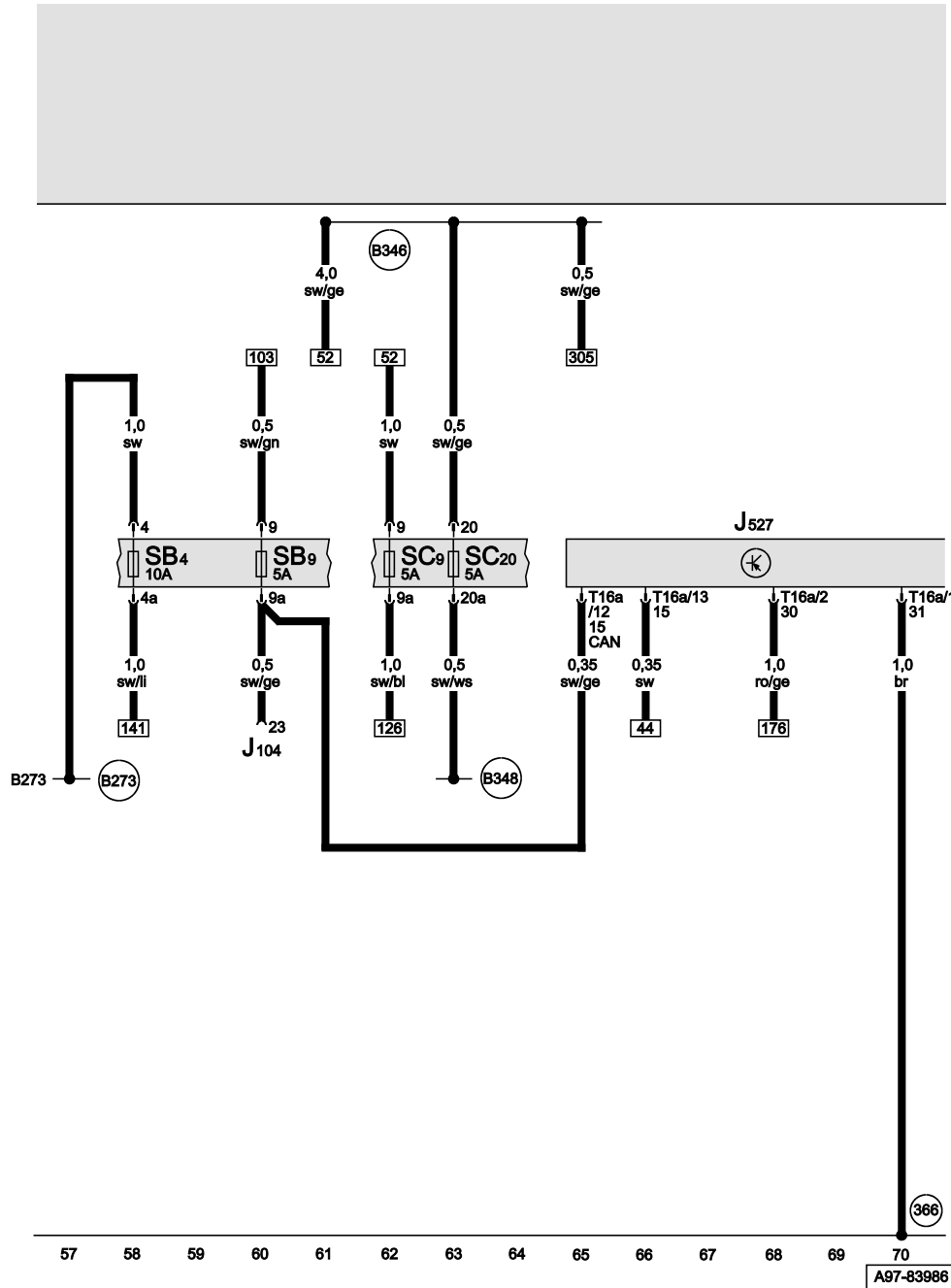
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Steering column electronics control unit, steering column voltage supply

- J104 ABS control unit with EDL
- J527 Steering column electronics control unit
- SB4 Fuse 4 on fuse holder
- SB9 Fuse 9 on fuse holder
- SC9 Fuse 9 on fuse holder
- SC20 Fuse 20 on fuse holder
- T16a 16-pin connector, on steering column electronics control unit

- 366 Earth connection 1, in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B348 Connection 1 (75a), in main wiring harness

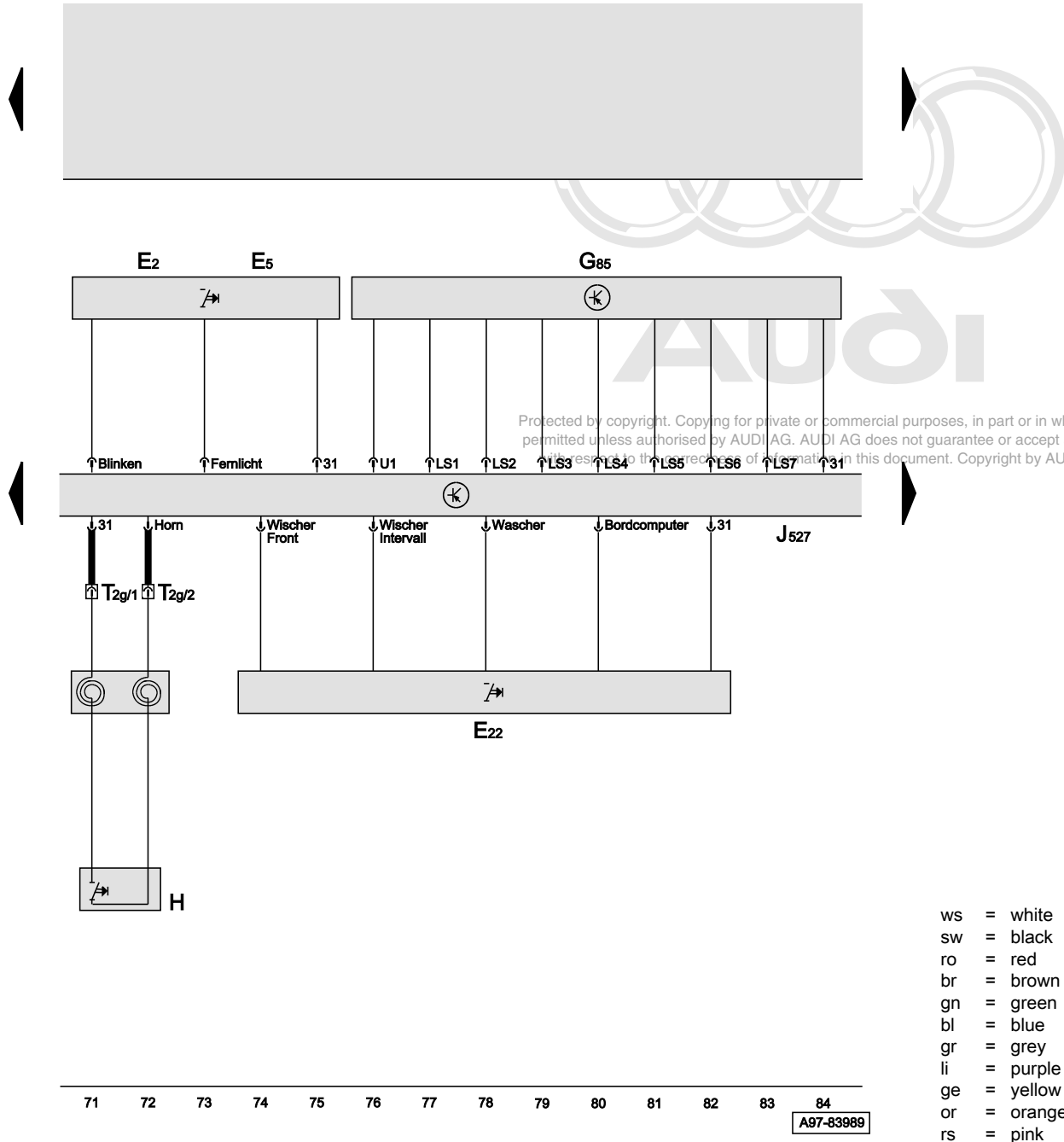
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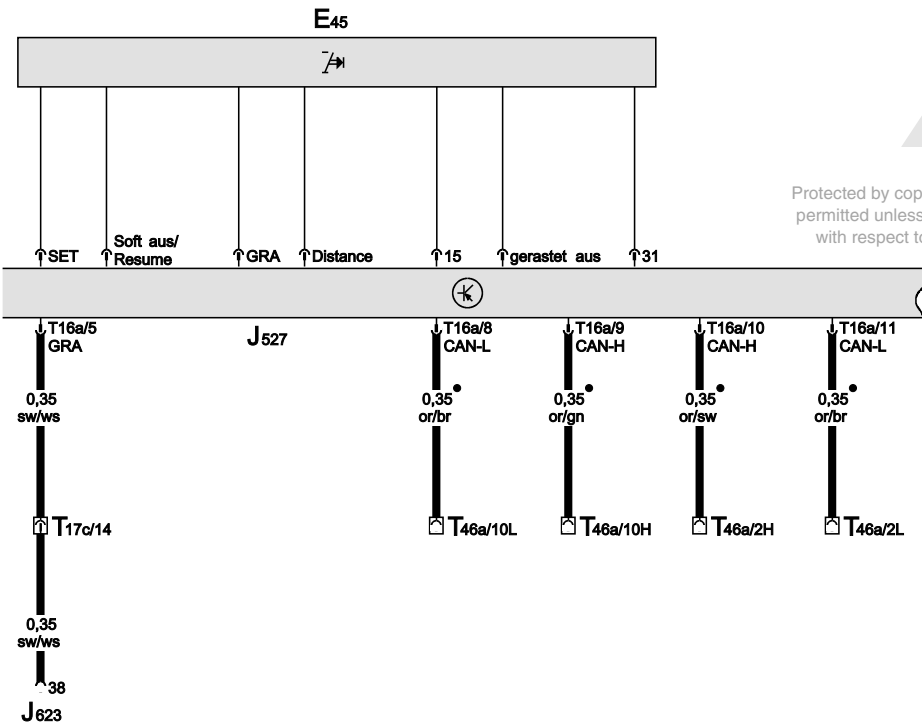
Turn signal switch, intermittent wiper switch, horn plate, steering angle sender, steering column electronics control unit

- E2 Turn signal switch
- E5 Headlight flasher switch
- E22 Intermittent wiper switch
- G85 Steering angle sender
- H Horn plate
- J527 Steering column electronics control unit
- T2g 2-pin connector, behind steering column switch trim (horn)



Steering column electronics control unit, cruise control system switch

- E45 Cruise control system switch
- J527 Steering column electronics control unit
- J623 Engine control unit
- T16a 16-pin connector, on steering column electronics control unit
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T46a 46-pin connector, black, CAN separating connector left
  - CAN bus (data wire)



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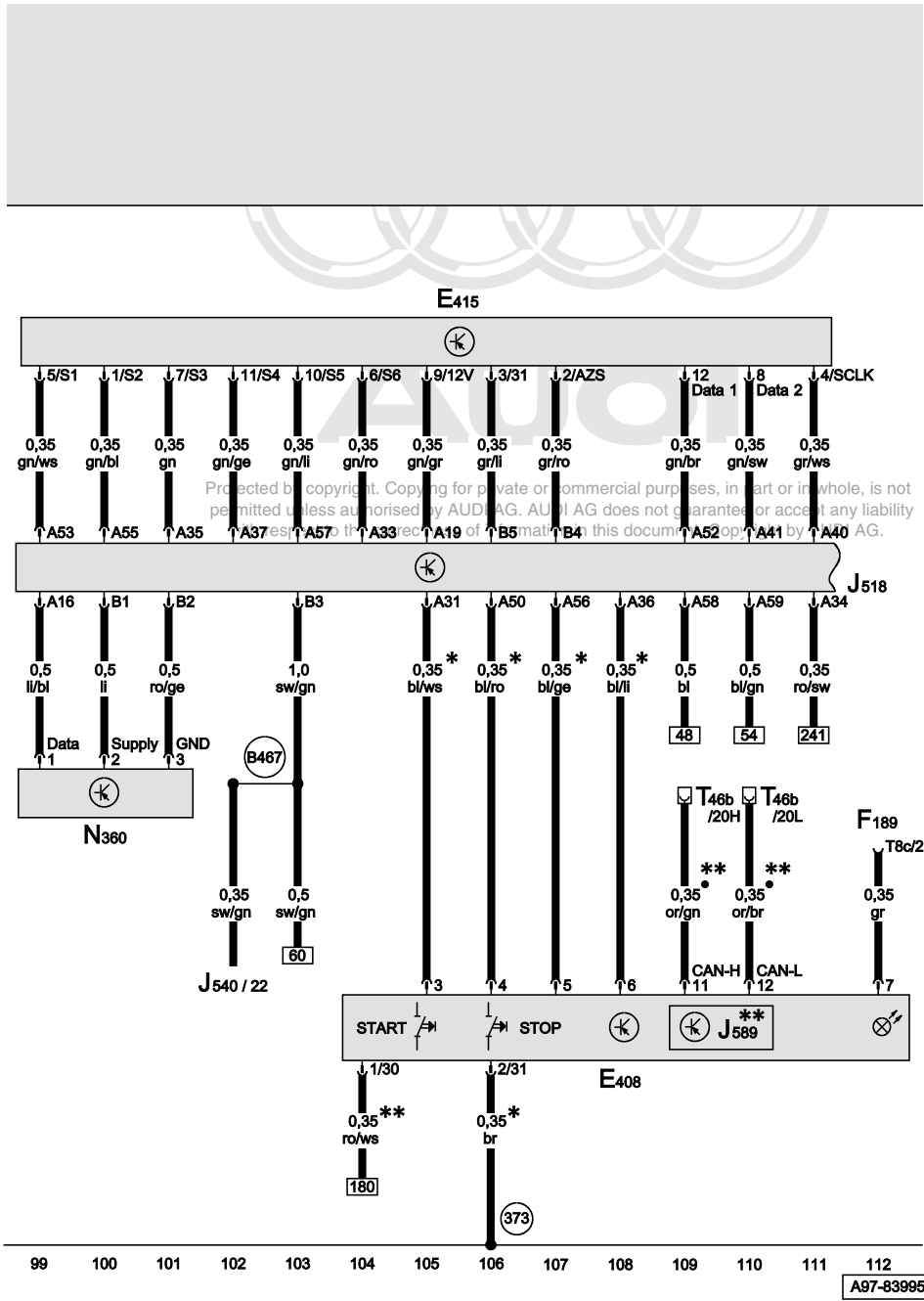
Entry and start authorisation control unit, entry and start authorisation switch, steering column lock control element, entry and start authorisation button

- E408 Entry and start authorisation button
- E415 Entry and start authorisation switch
- F189 Tiptronic switch
- J518 Entry and start authorisation control unit
- J540 Electric park and handbrake control unit
- J589 Driver identification control unit
- N360 Steering column lock control element
- T8c 8-pin connector, black, in centre console on selector lever console
- T46b 46-pin connector, black, CAN separating connector right

373 Earth connection 8, in main wiring harness

B467 Connection 3 in main wiring harness

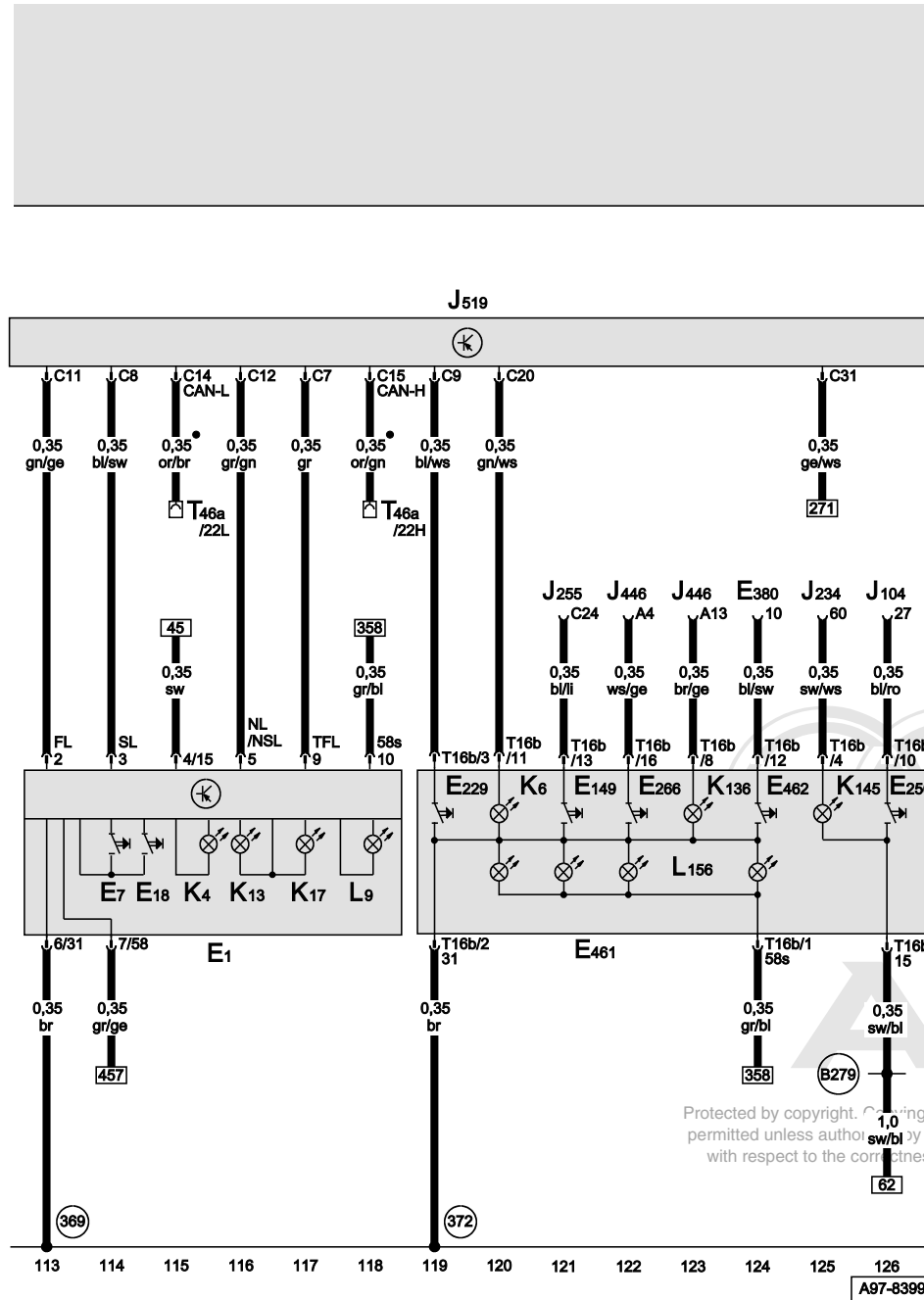
- CAN bus (data wire)
- \* models with entry and start authorisation (Kessy)
- \*\* models with driver identification (Finger print)



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Onboard supply control unit, light switch, hazard warning lights button, operating unit in front of centre console

- E1 Light switch
  - E7 Fog light switch
  - E18 Rear fog light switch
  - E149 Rear roller blind switch
  - E229 Hazard warning lights button
  - E256 TCS and ESP button
  - E266 Parking aid button
  - E380 Multimedia system operating unit
  - E461 Operating unit in front of centre console
  - E462 Open and close button for front display
  - J104 ABS control unit
  - J234 Airbag control unit
  - J255 Climatronic control unit
  - J446 Parking aid control unit
  - J519 Onboard supply control unit
  - K4 Side light warning lamp
  - K6 Hazard warning light system warning lamp
  - K13 Rear fog light warning lamp
  - K17 Fog light warning lamp
  - K136 Parking aid warning lamp
  - K145 Front passenger side airbag deactivated warning lamp
  - L9 Light switch illumination bulb
  - L156 Switch illumination bulb
  - T16b 16-pin connector, black, on operating unit in front of centre console
  - T46a 46-pin connector, black, CAN separating connector left
- 369 Earth connection 4, in main wiring harness
  - 372 Earth connection 7, in main wiring harness
  - B279 Positive connection 3 (15a), in main wiring harness
  - CAN bus (data wire)



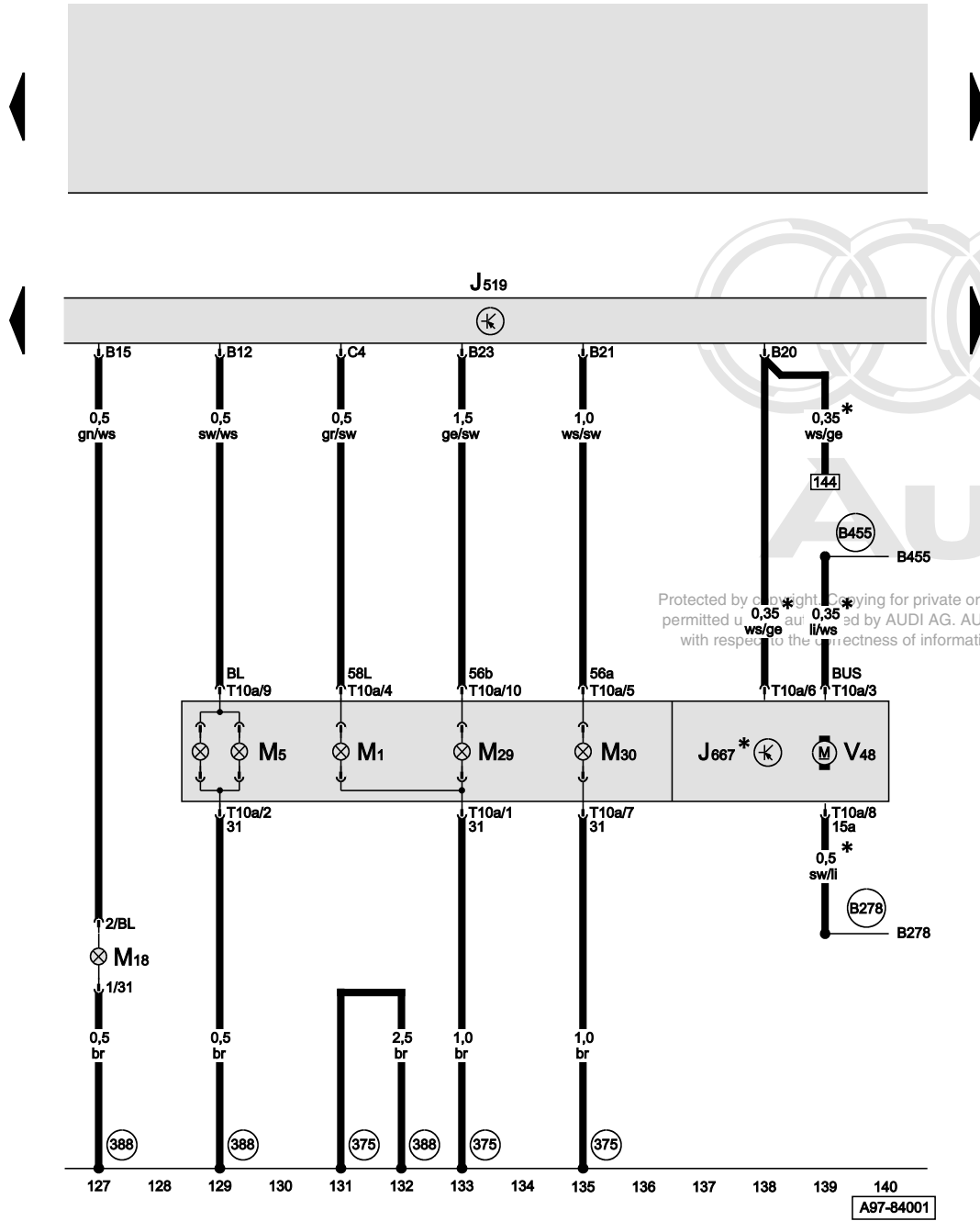
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Onboard supply control unit, power output module for left headlight, left side light bulb, front left turn signal bulb, left side mounted turn signal bulb, left headlight dipped beam bulb, left headlight main beam bulb, left headlight range control motor

- J519 Onboard supply control unit
- J667 Power output module for left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M18 Left side mounted turn signal bulb
- M29 Left dipped beam bulb
- M30 Left main beam bulb
- T10a 10-pin connector, black, on left of headlight
- V48 Left headlight range control motor

- (375) Earth connection 10, in main wiring harness
- (388) Earth connection 23, in main wiring harness
- (B278) Positive connection 2 (15a), in main wiring harness
- (B455) Connection (HRC), in main wiring harness



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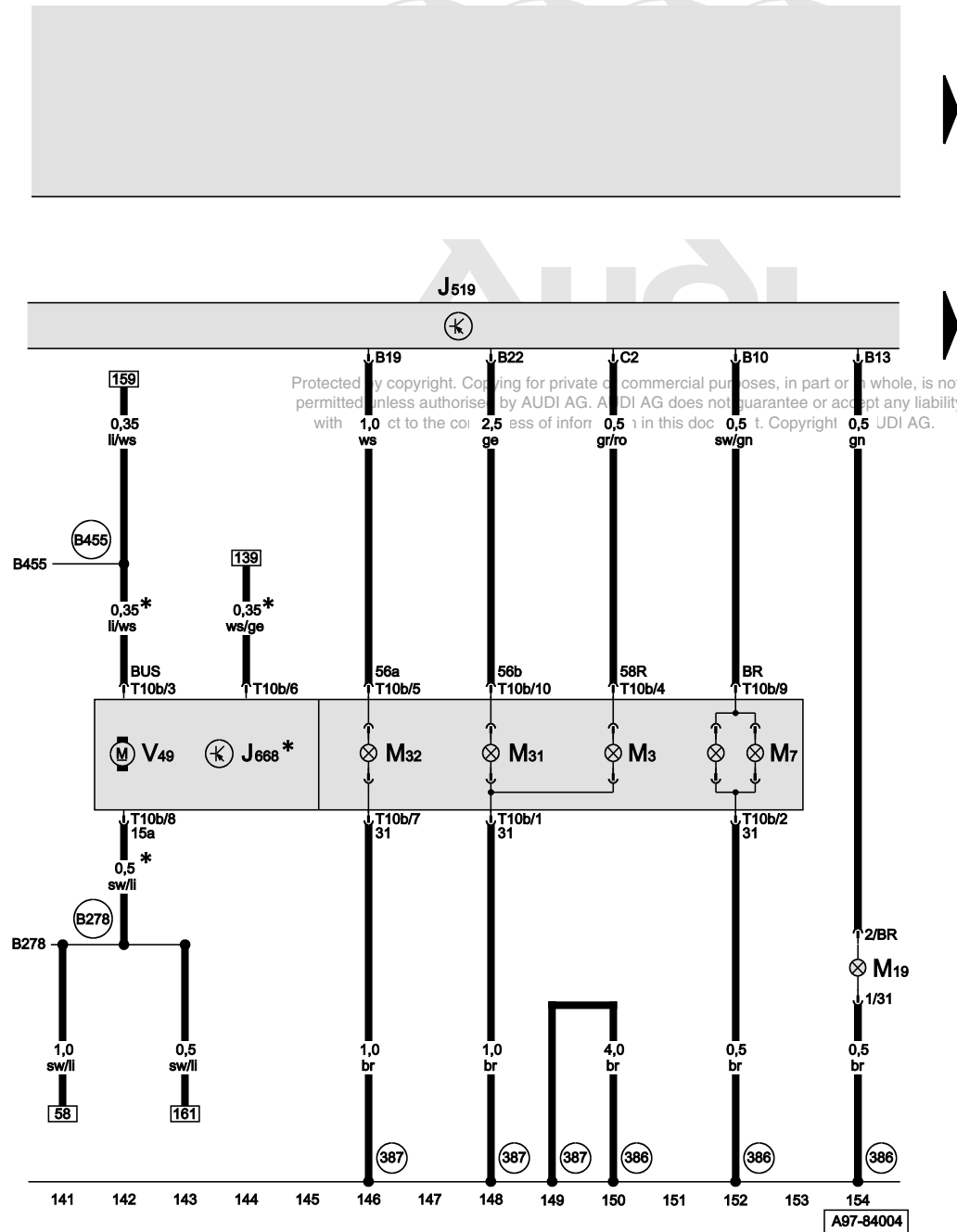
A97-84001

Onboard supply control unit, power output module for right headlight, right side light bulb, front right turn signal bulb, right side mounted turn signal bulb, right headlight dipped beam bulb, right headlight main beam bulb, right headlight range control motor

- J519 Onboard supply control unit
- J668 Power output module for right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right side mounted turn signal bulb
- M31 Right dipped beam bulb
- M32 Right main beam bulb
- T10b 10-pin connector, black, on right of headlight
- V49 Right headlight range control motor

- (386) Earth connection 21, in main wiring harness
- (387) Earth connection 22, in main wiring harness
- (B278) Positive connection 2 (15a), in main wiring harness
- (B455) Connection (HRC), in main wiring harness

\* only GDL headlight with automatic dynamic headlight range control



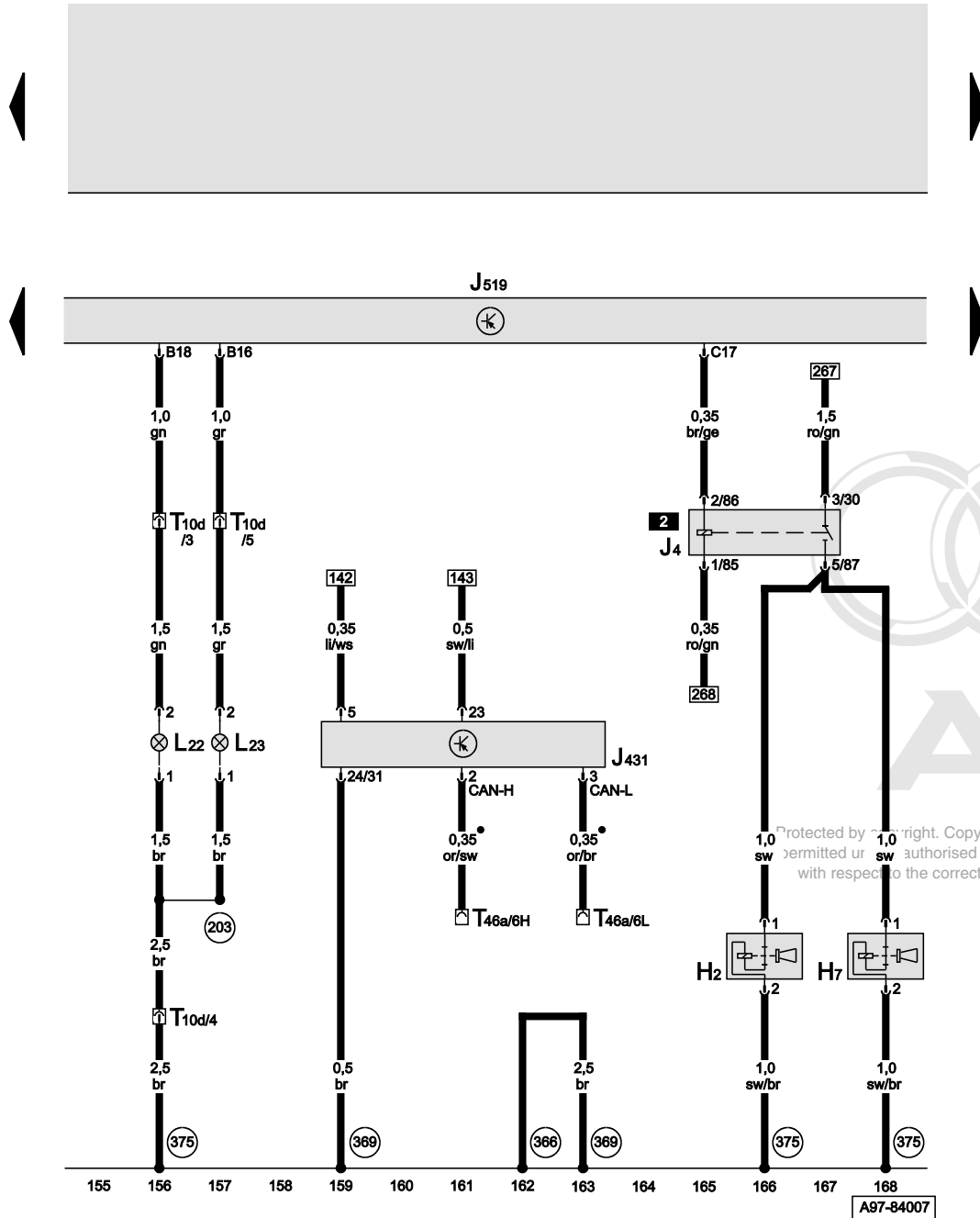
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Onboard supply control unit, left and right fog light bulb, headlight range control, control unit, treble tone horn, bass tone horn

- H2 Treble tone horn
- H7 Bass tone horn
- J4 Dual tone horn relay
- J431 Headlight range control, control unit
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- T10d 10-pin connector, black, in front left engine compartment
- T46a 46-pin connector, black, CAN separating connector left

- 203 Earth connection, in front fog light wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- CAN bus (data wire)



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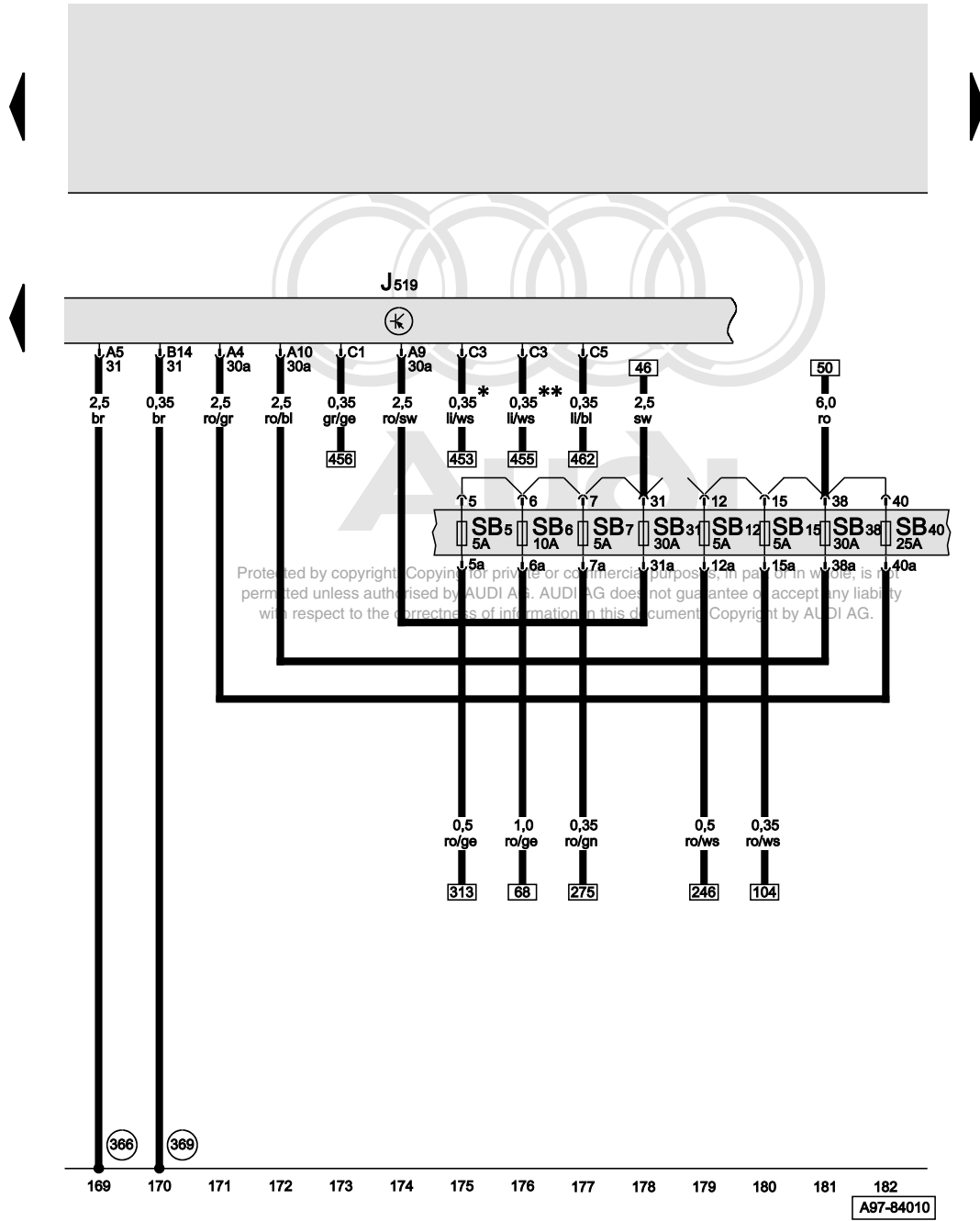
Voltage supply onboard power supply control unit, fuses

- J519 Onboard supply control unit
- SB5 Fuse 5 on fuse holder
- SB6 Fuse 6 on fuse holder
- SB7 Fuse 7 on fuse holder
- SB12 Fuse 12 on fuse holder
- SB15 Fuse 15 on fuse holder
- SB31 Fuse 31 on fuse holder
- SB38 Fuse 38 on fuse holder
- SB40 Fuse 40 on fuse holder

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

- \* models without light equipment
- \*\* models with light equipment



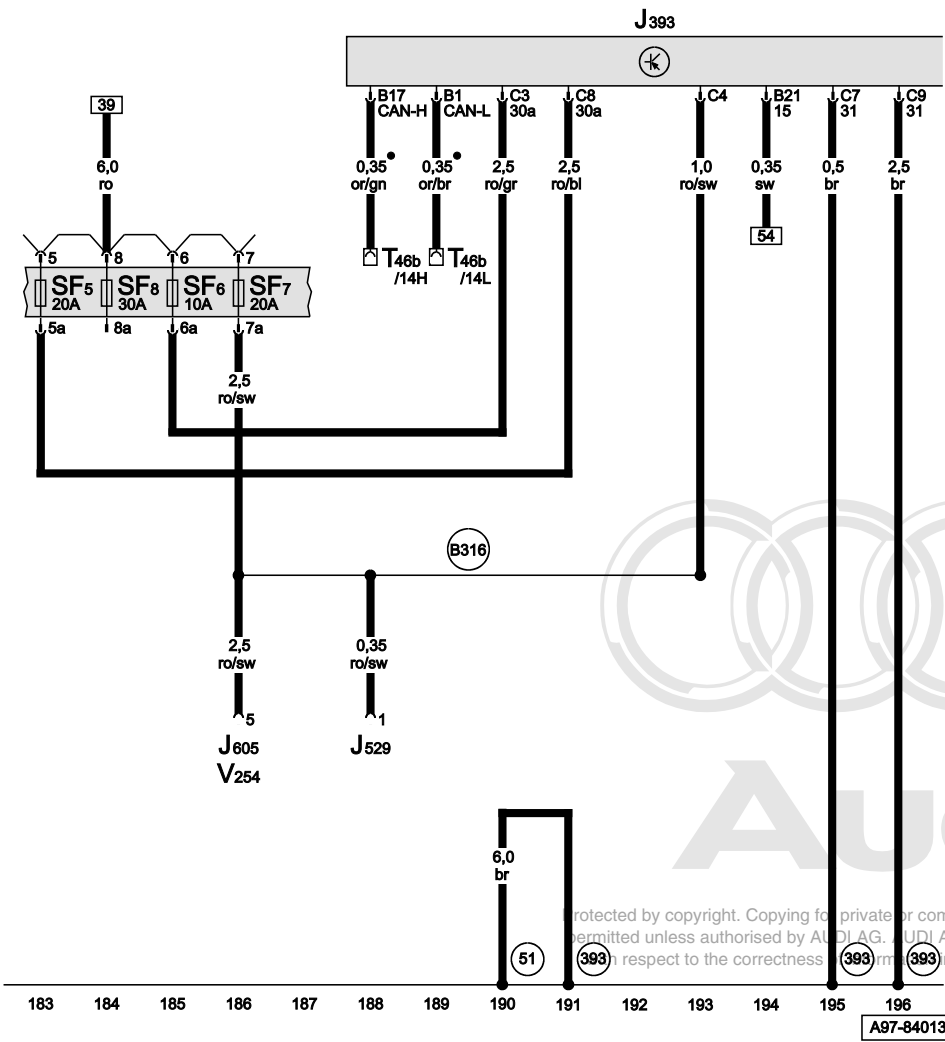
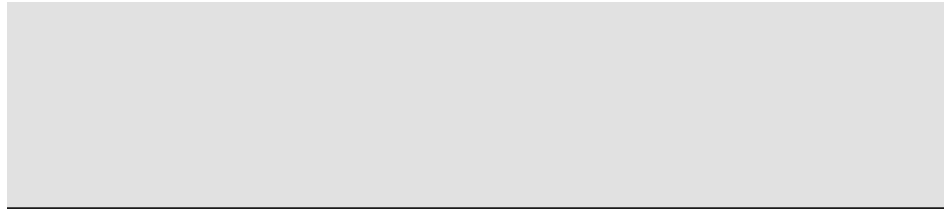
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A97-84010

Convenience system central control unit

- J393 Convenience system central control unit
- J529 Anti-theft and tilt system control unit
- J605 Rear lid control unit
- SF5 Fuse 5 on fuse holder
- SF6 Fuse 6 on fuse holder
- SF7 Fuse 7 on fuse holder
- SF8 Fuse 8 on fuse holder
- T46b 46-pin connector, black, CAN separating connector right
- V254 Rear lid electric release motor

- 51 Earth point, on right in luggage compartment
- 393 Earth connection 28, in main wiring harness
- B316 Positive connection 2 (30a), in main wiring harness
  - CAN bus (data wire)

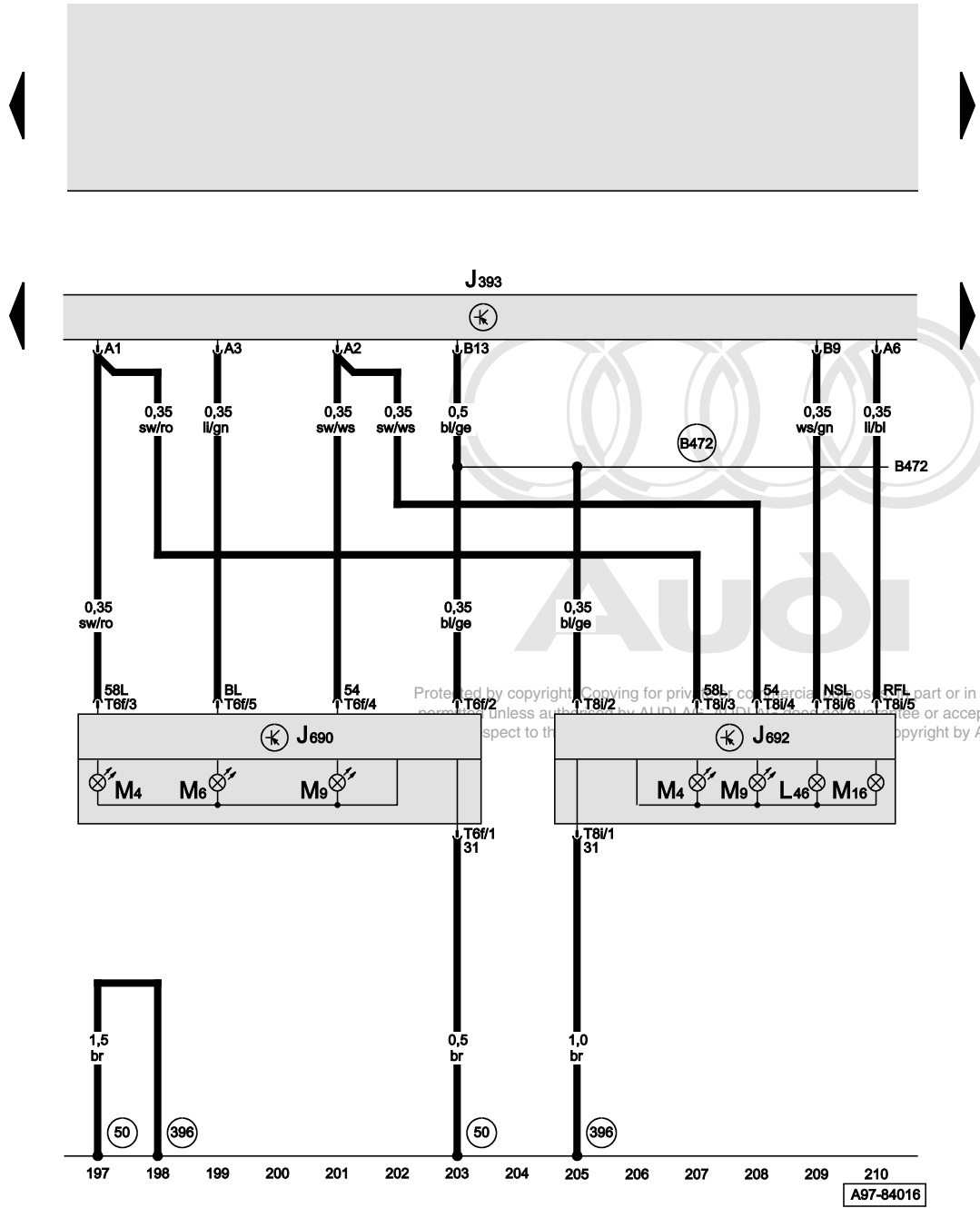


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Convenience system central control unit, left tail light bulb, rear left turn signal bulb, left brake light bulb, left reversing light bulb, rear left fog light bulb

- J393 Convenience system central control unit
- J690 Left tail light control unit
- J692 Tail light control unit for lights on left in rear lid
- L46 Rear left fog light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T6f 6-pin connector, black, connector 1, on left rear fog light
- T8i 8-pin connector, black, connector 2, on left rear fog light, rear lid
- 50 Earth point, on left in luggage compartment
- 396 Earth connection 31, in main wiring harness
- B472 Connection 8 in main wiring harness



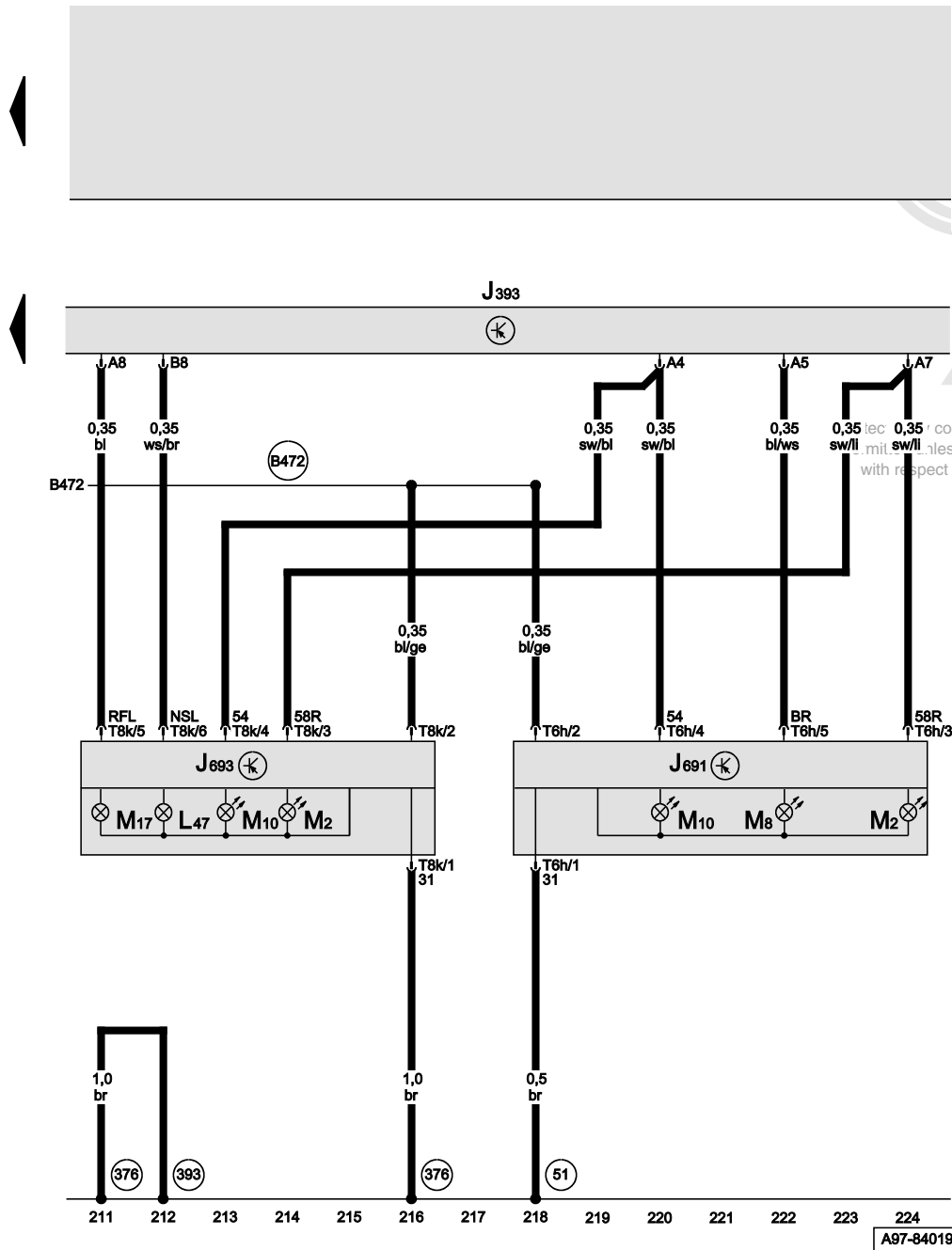
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Convenience system central control unit, right tail light bulb, right brake light bulb, rear right turn signal bulb, right reversing light bulb, rear right fog light bulb

- J393 Convenience system central control unit
- J691 Right tail light control unit
- J693 Tail light control unit for lights on right in rear lid
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- T6h 6-pin connector, black, connector 1, on right rear fog light
- T8k 8-pin connector, black, connector 2, on right rear fog light, rear lid

- 51 Earth point, on right in luggage compartment
- 376 Earth connection 11, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- B472 Connection 8 in main wiring harness

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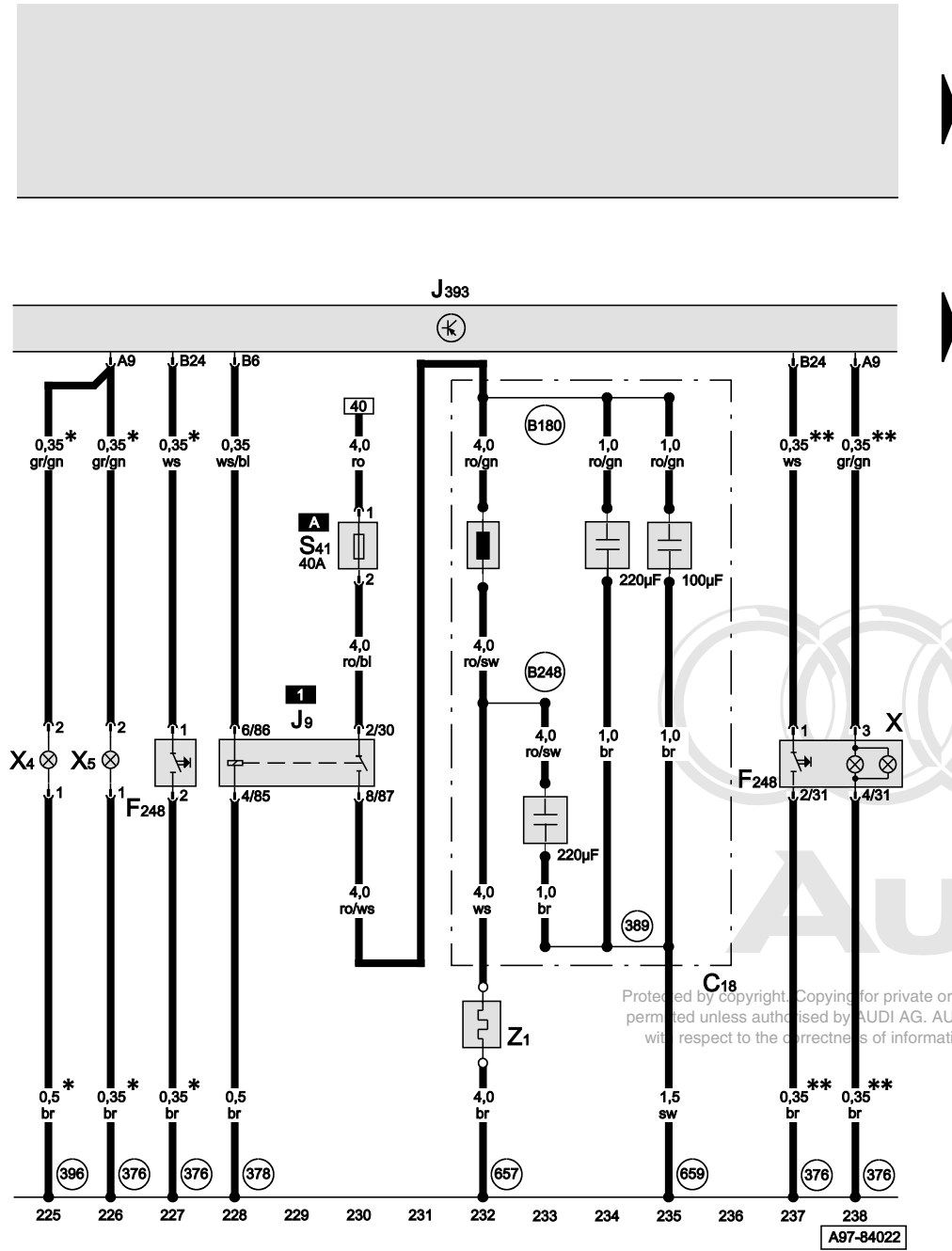


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Convenience system central control unit, number plate light, heated rear window, release button for rear lid lock cylinder

- C18 Window aerial suppression filter
- F248 Release button for rear lid lock cylinder
- J9 Heated rear window relay
- J393 Convenience system central control unit
- S41 Heated rear window fuse
- X Number plate light
- X4 Number plate left light
- X5 Number plate right light
- Z1 Heated rear window

- (376) Earth connection 11, in main wiring harness
- (378) Earth connection 13, in main wiring harness
- (389) Earth connection 24, in main wiring harness
- (396) Earth connection 31, in main wiring harness
- (657) Earth point 1, on left near rear window
- (659) Earth point 1, on right near rear window
- (B180) Connection (heated rear window), in interior wiring harness
- (B248) Connection 2 (heated rear window), in interior wiring harness
- \* not Japan
- \*\* only Japan



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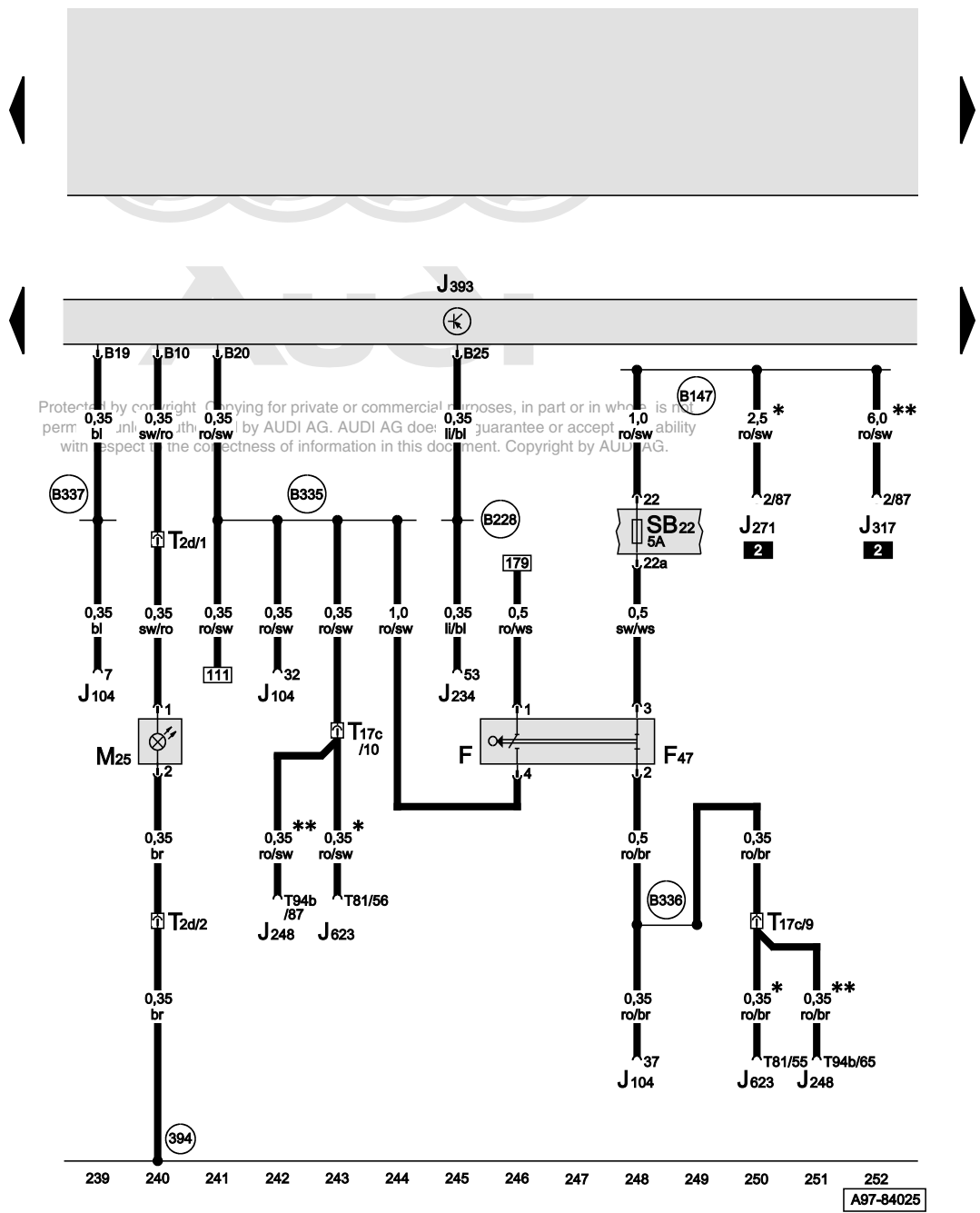
Convenience system central control unit, brake light switch, high level brake light bulb

- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J271 Motronic current supply relay
- J317 Terminal 30 voltage supply relay
- J393 Convenience system central control unit
- J623 Engine control unit
- M25 High level brake light bulb
- SB22 Fuse 22 on fuse holder
- T2d 2-pin connector, black, high level brake light right of D-pillar
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

- 394 Earth connection 29, in main wiring harness
- B147 Positive connection 2 (87), in interior wiring harness
- B228 Connection (crash signal), in interior wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B337 Connection 3 (54), in main wiring harness

\* models with petrol engines  
 \*\* models with diesel engines

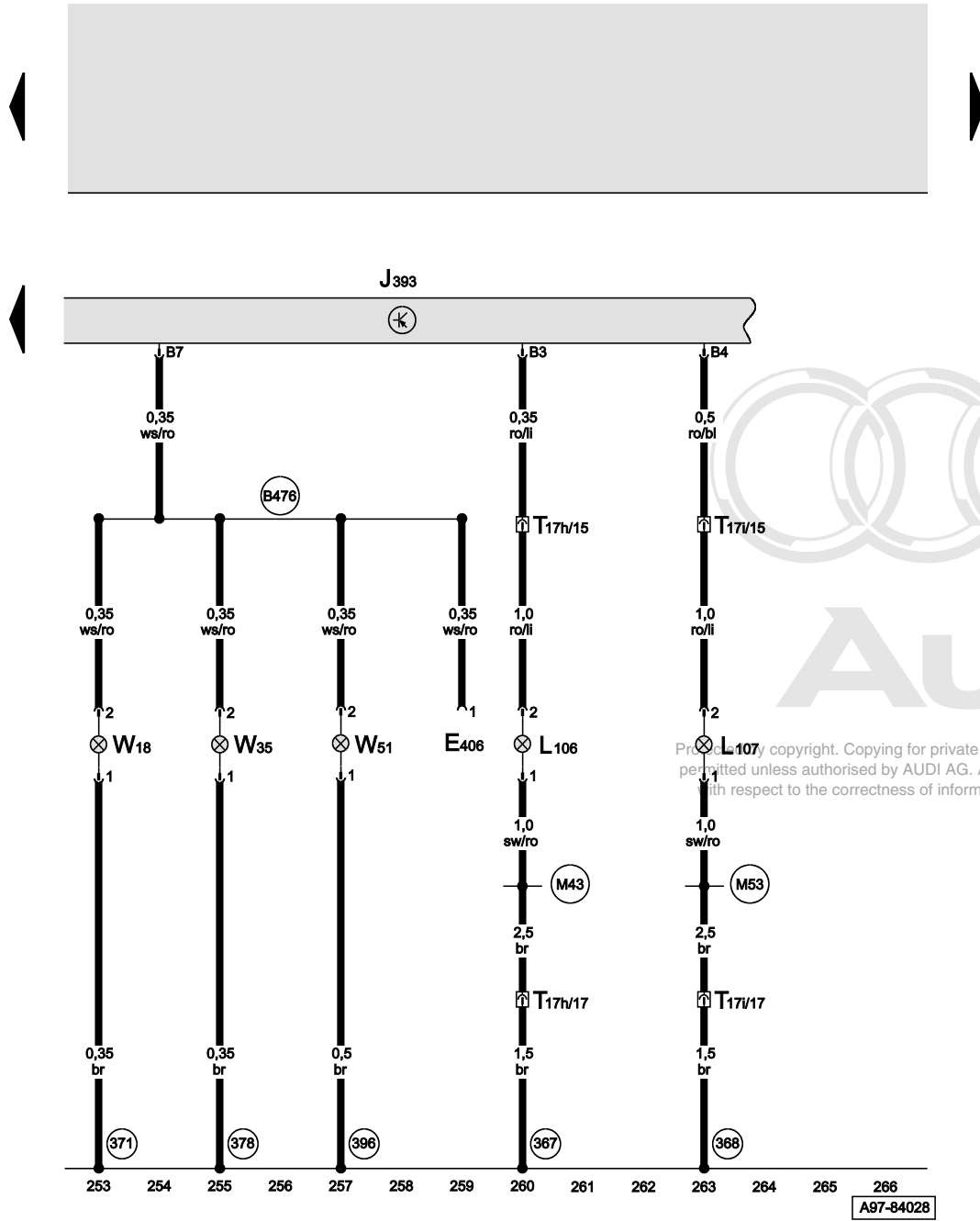
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 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink



Convenience system central control unit, luggage compartment light, rear lid light, rear footwell illumination

- E406 Button to close rear lid in luggage compartment
- J393 Convenience system central control unit
- L106 Rear left footwell illumination bulb
- L107 Rear right footwell illumination bulb
- T17h 17-pin connector, grey, under driver seat
- T17i 17-pin connector, grey, under front passenger seat
- W18 Luggage compartment light on left
- W35 Right luggage compartment light
- W51 Rear lid light

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- B476 Connection 12 in main wiring harness
- M43 Connection 3, in driver seat wiring harness
- M53 Connection 3, in front passenger seat wiring harness



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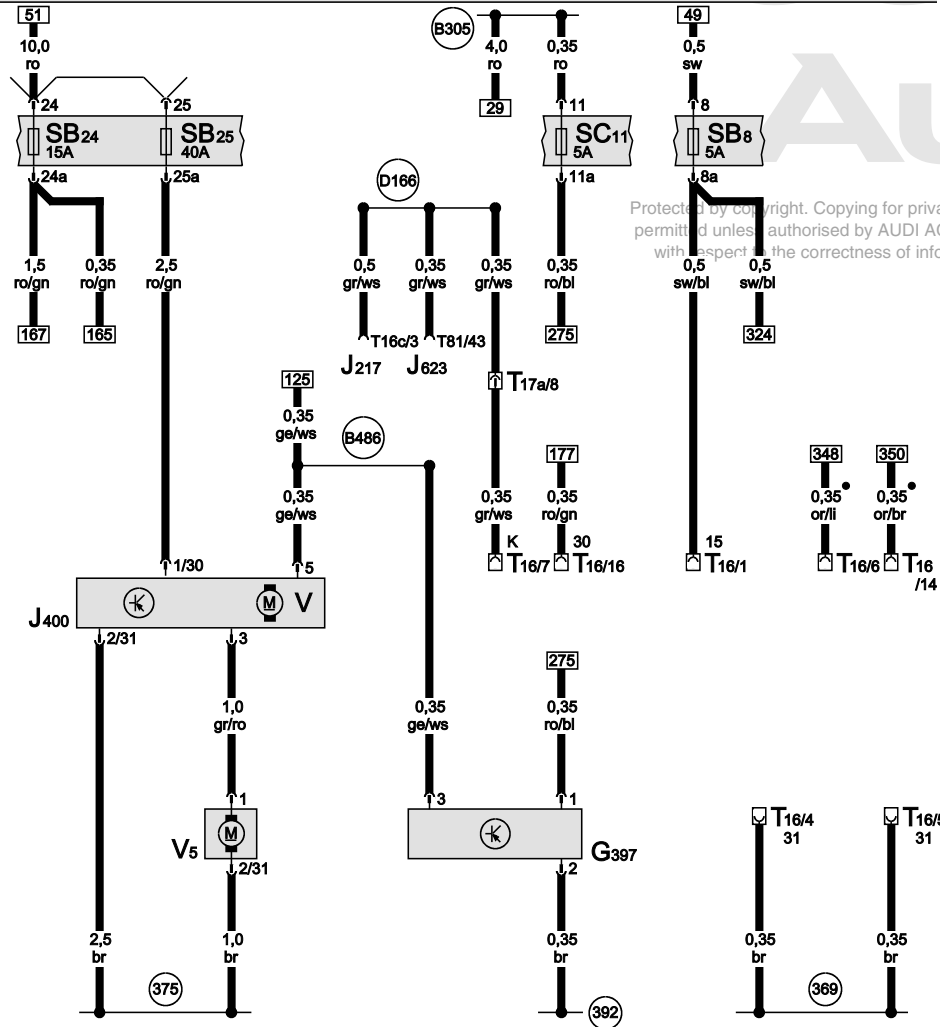
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A97-84028



Wiper motor control unit, windscreen wiper motor, washer pump, diagnostic connector, rain and light detector sensor

- G397 Rain and light detector sensor
- J217 Automatic gearbox control unit
- J400 Wiper motor control unit
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder
- SB24 Fuse 24 on fuse holder
- SB25 Fuse 25 on fuse holder
- SC11 Fuse 11 on fuse holder
- T16 16-pin connector, black, diagnostic connection
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- V Windscreen wiper motor
- V5 Washer pump



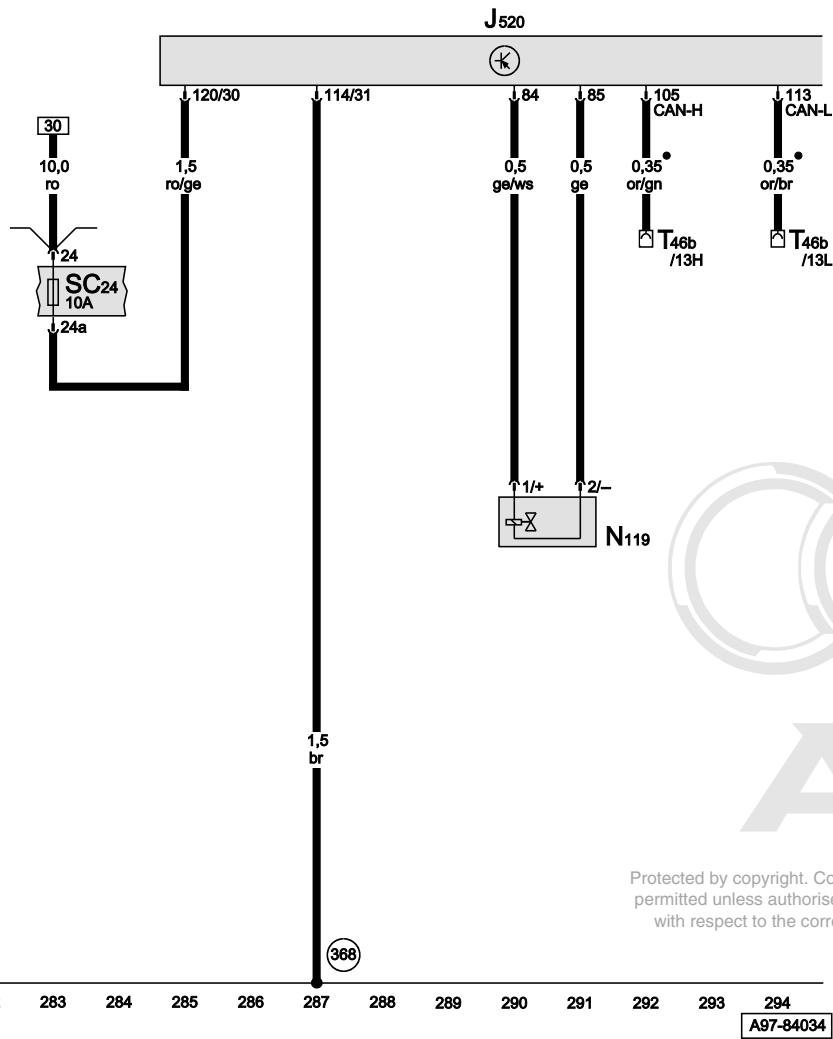
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- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B305 Positive connection 9 (30), in main wiring harness
- B486 Connection 22 in main wiring harness
- D166 Connection (K-diagnosis wiring), in engine compartment wiring harness
  - CAN bus (data wire)

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Onboard supply control unit 2, servotronic

- J520 Onboard supply control unit 2
- N119 Servotronic solenoid valve
- SC24 Fuse 24 on fuse holder
- T46b 46-pin connector, black, CAN separating connector right
- 368 Earth connection 3, in main wiring harness
  - CAN bus (data wire)



Audi

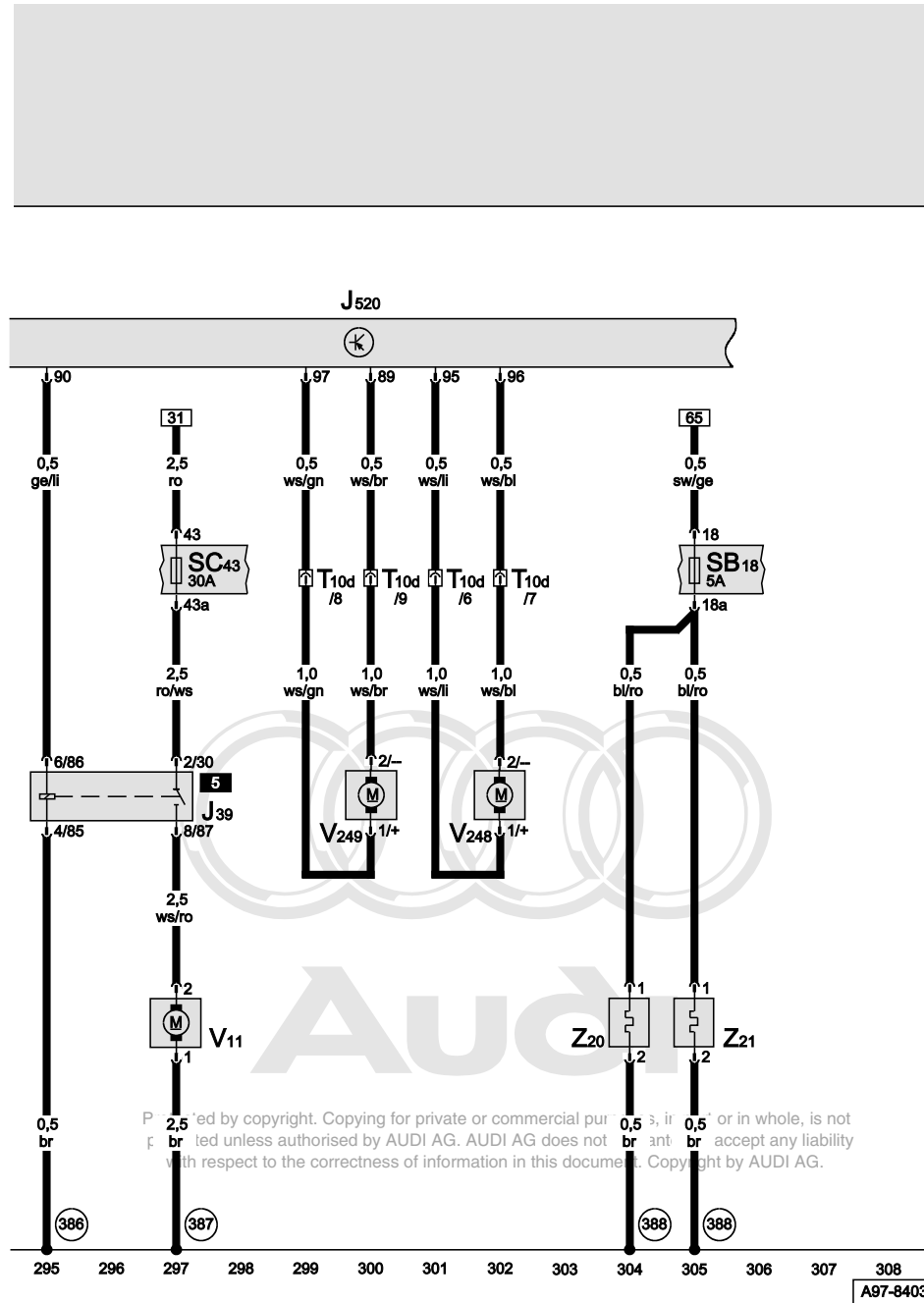
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Onboard supply control unit 2, headlight washer system pump, left and right headlight washer system pop-up washer jet motor, headlight washer system relay, washer jet heater element

- J39 Headlight washer system relay
- J520 Onboard supply control unit 2
- SB18 Fuse 18 on fuse holder
- SC43 Fuse 43 on fuse holder
- T10d 10-pin connector, black, in front left engine compartment
- V11 Headlight washer system pump
- V248 Left headlight washer system pop-up washer jet motor
- V249 Right headlight washer system pop-up washer jet motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness



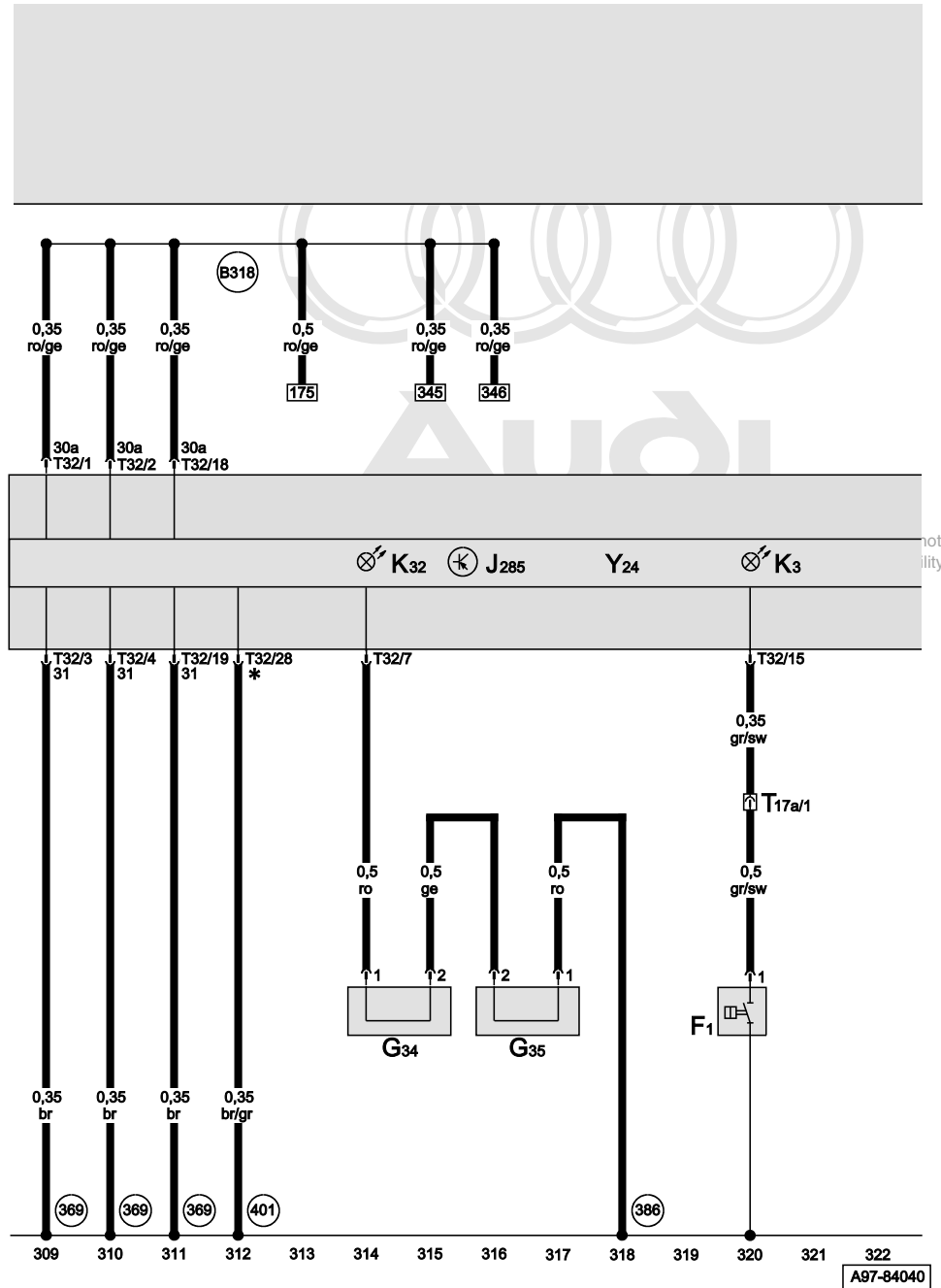
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Control unit in dash panel insert, front brake pad wear sender, oil pressure switch

- F1 Oil pressure switch
- G34 Front left brake pad wear sender
- G35 Front right brake pad wear sender
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- K32 Brake pad warning lamp
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 369 Earth connection 4, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 401 Earth connection (sender earth), in interior wiring harness
- B318 Positive connection 4 (30a), in main wiring harness
- \* output sender earth

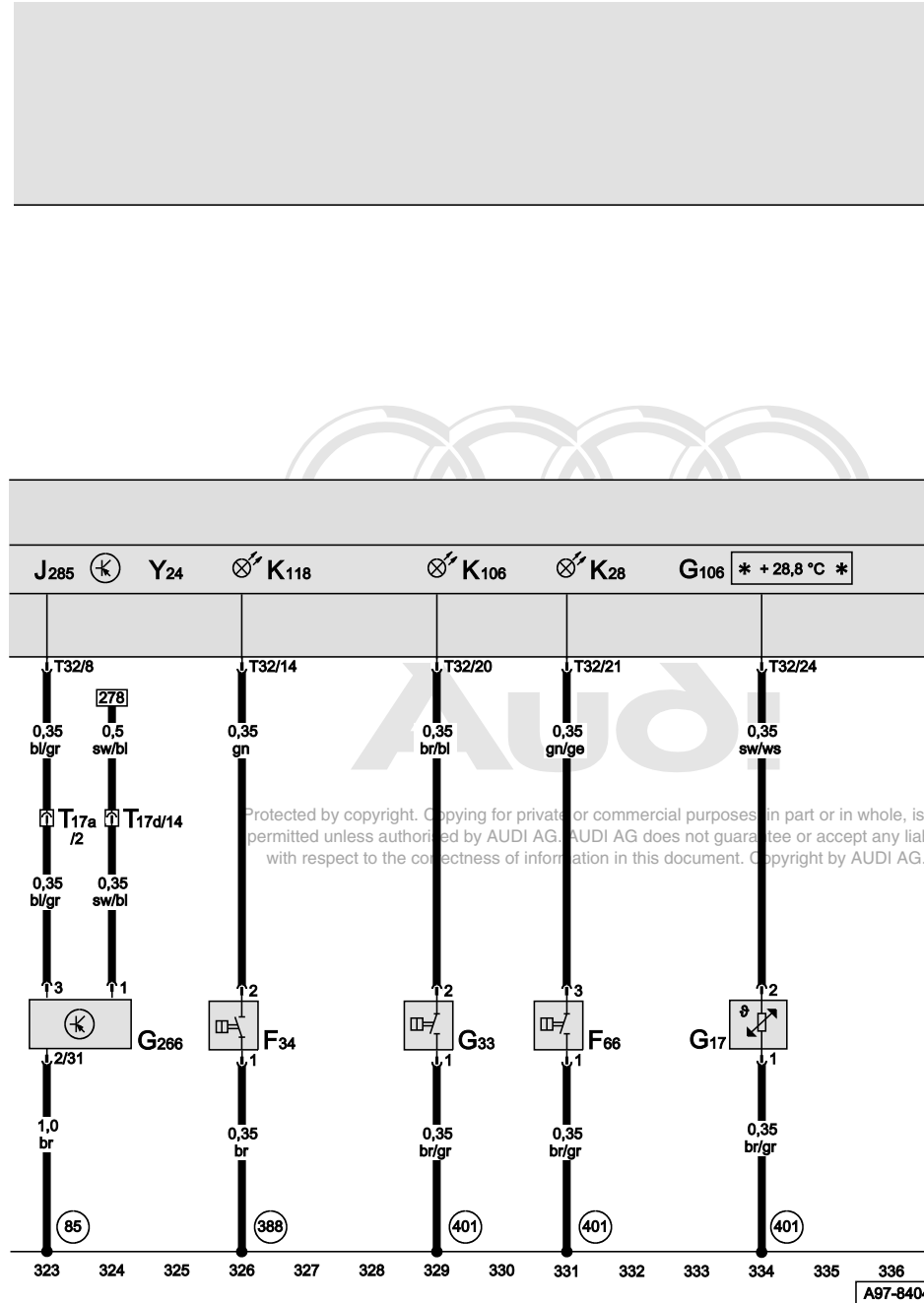


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Control unit in dash panel insert, oil level and oil temperature sender, brake fluid level warning contact, windscreen washer fluid level sender, coolant shortage indicator switch, ambient temperature sensor

- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- G106 Ambient temperature indicator
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- K106 Washer fluid low warning lamp
- K118 Brake system warning lamp
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 85 Earth connection 1, in engine compartment wiring harness
- 388 Earth connection 23, in main wiring harness
- 401 Earth connection (sender earth), in interior wiring harness



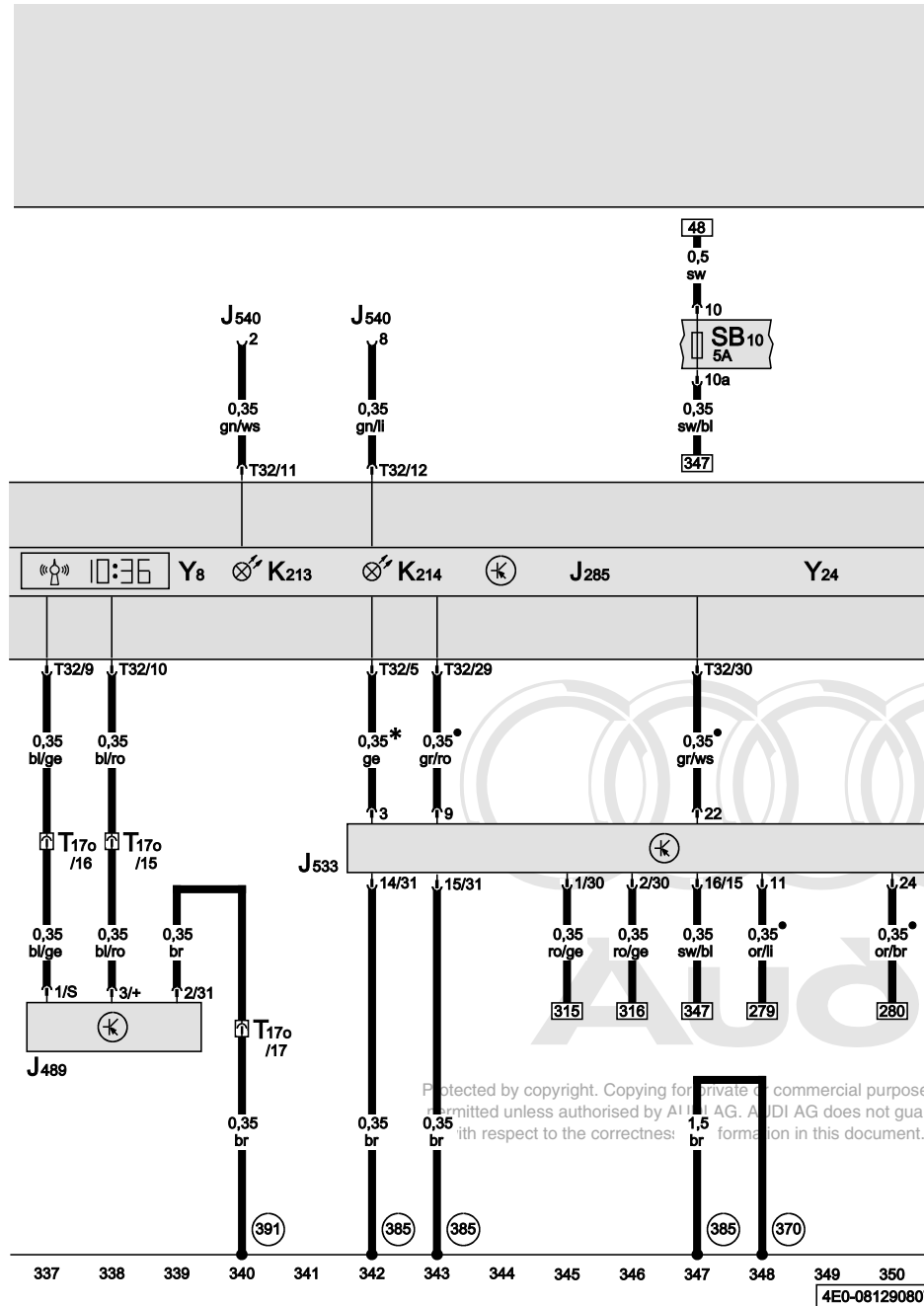
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Control unit in dash panel insert, radio controlled clock, electromechanical parking brake control unit, radio controlled clock receiver, data bus diagnostic interface

- J285 Control unit in dash panel insert
- J489 Radio controlled clock receiver
- J533 Data bus diagnostic interface
- J540 Electric park and handbrake control unit
- K213 Electric park and handbrake warning lamp
- K214 Electric parking brake and handbrake fault warning lamp
- SB10 Fuse 10 on fuse holder
- T17o 17-pin connector, black, in luggage compartment
- T32 32-pin connector, blue, on dash panel insert
- Y8 Radio controlled clock
- Y24 Display in dash panel insert

- 370 Earth connection 5, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- CAN bus (data wire)
- \* Wake Up wire (exciter wire)



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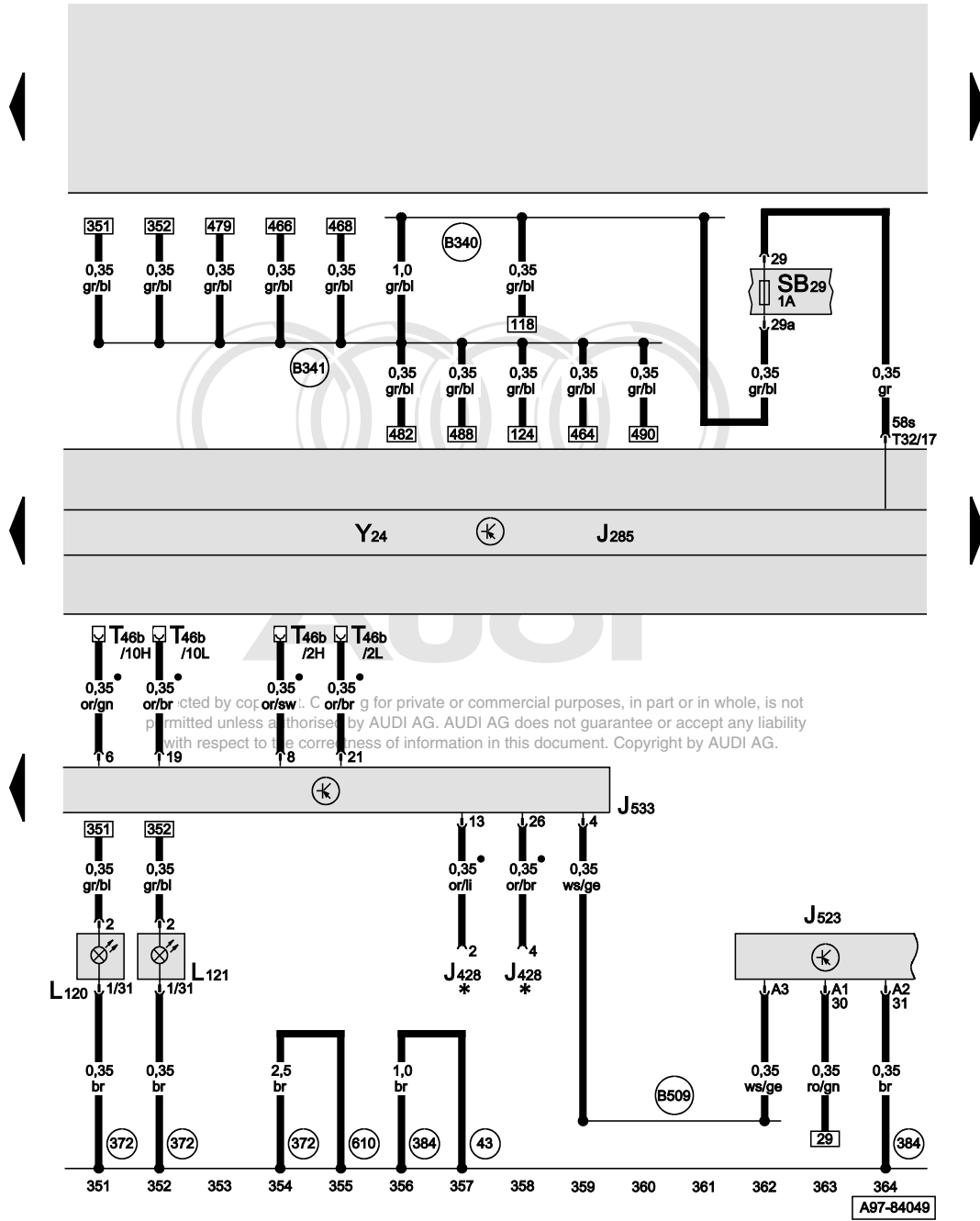
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Control unit in dash panel insert, data bus diagnostic interface, front information display and operating unit control unit, storage compartment illumination bulb

- J285 Control unit in dash panel insert
- J428 Adaptive cruise control unit
- J523 Front information display and operating unit control unit
- J533 Data bus diagnostic interface
- L120 Storage compartment illumination bulb
- L121 Cup holder illumination bulb
- SB29 Fuse 29 on fuse holder
- T32 32-pin connector, blue, on dash panel insert
- T46b 46-pin connector, black, CAN separating connector right
- Y24 Display in dash panel insert

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- B509 Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
  - CAN bus (data wire)
  - \* models with adaptive cruise only



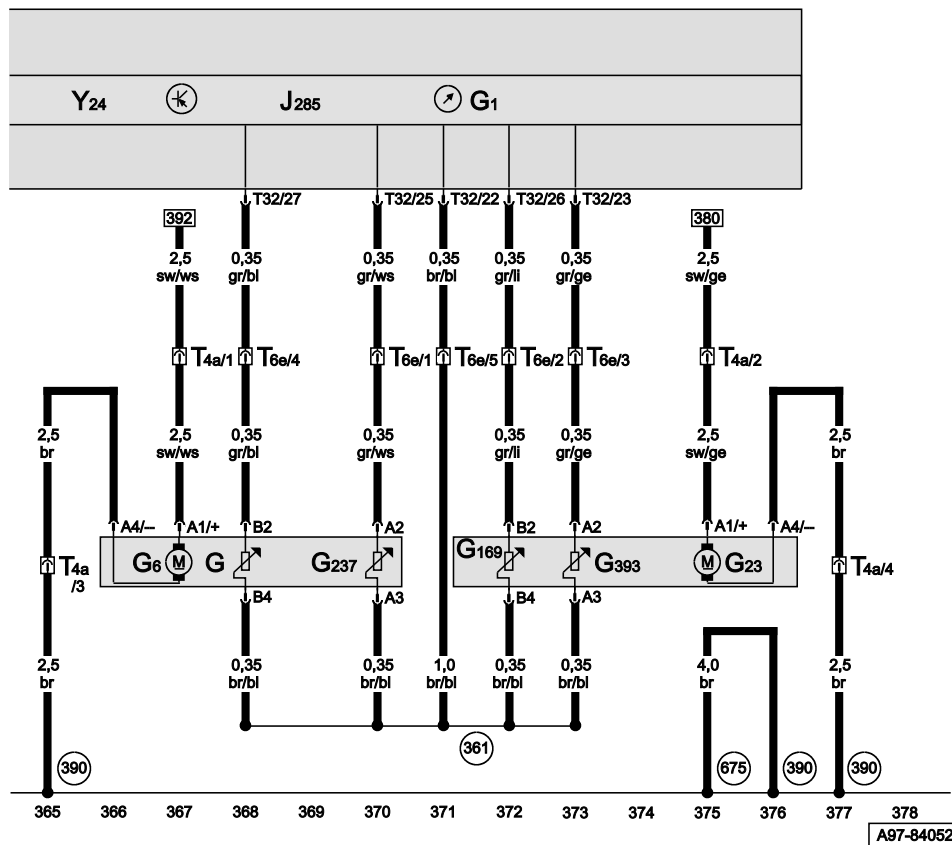
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Control unit in dash panel insert, fuel gauge sender, fuel system pressurisation pump, fuel pump, fuel gauge

- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- G23 Fuel pump
- G169 Fuel gauge sender 2
- G237 Fuel gauge sender 3
- G393 Fuel gauge sender 4
- J285 Control unit in dash panel insert
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 675 Earth point 2, on right in luggage compartment

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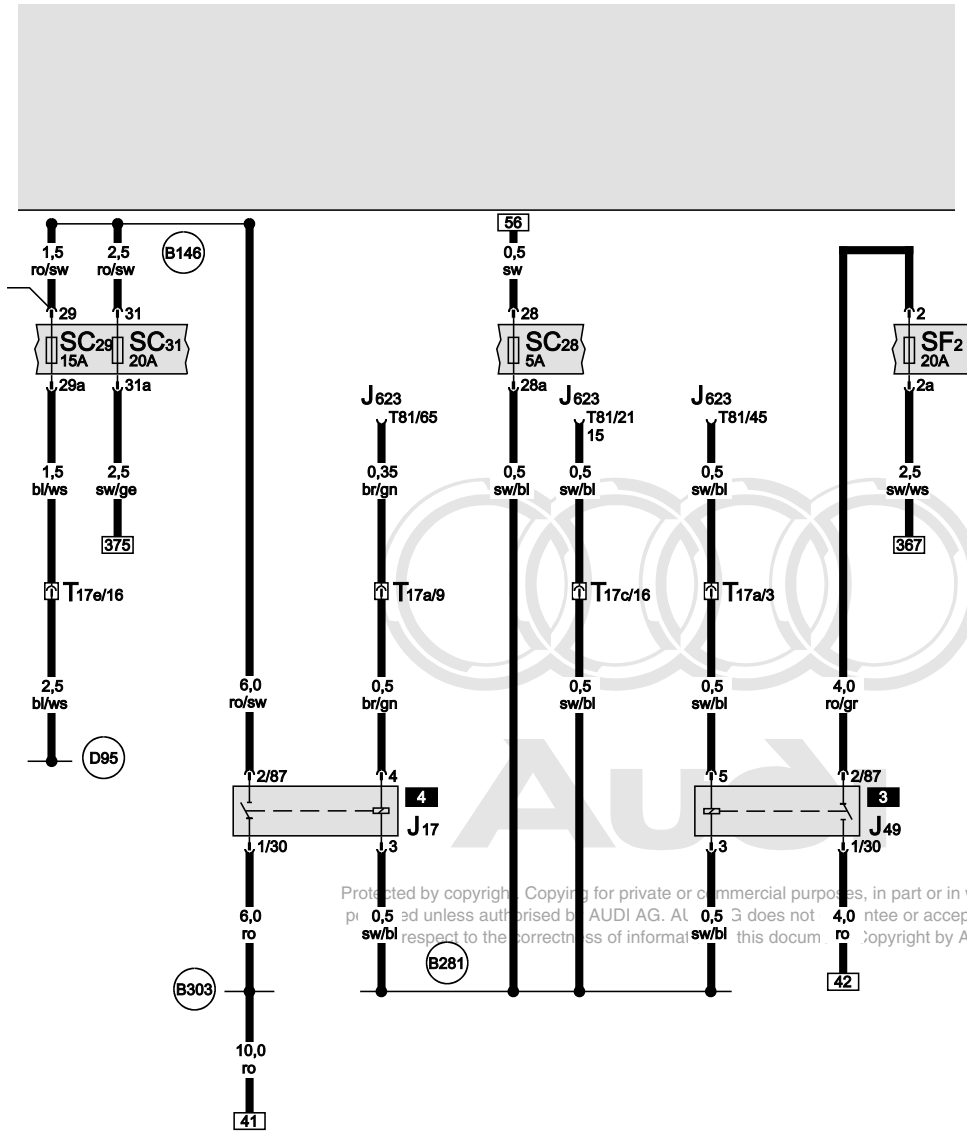
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Fuel pump relay, electric fuel pump 2 relay

- J17 Fuel pump relay
- J49 Electric fuel pump 2 relay
- J623 Engine control unit
- SC28 Fuse 28 on fuse holder
- SC29 Fuse 29 on fuse holder
- SC31 Fuse 31 on fuse holder
- SF2 Fuse 2 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit

- (B146) Positive connection 1 (87), in interior wiring harness
- (B281) Positive connection 5 (15a), in main wiring harness
- (B303) Positive connection 7 (30), in main wiring harness
- (D95) Connection (injectors), in engine compartment wiring harness



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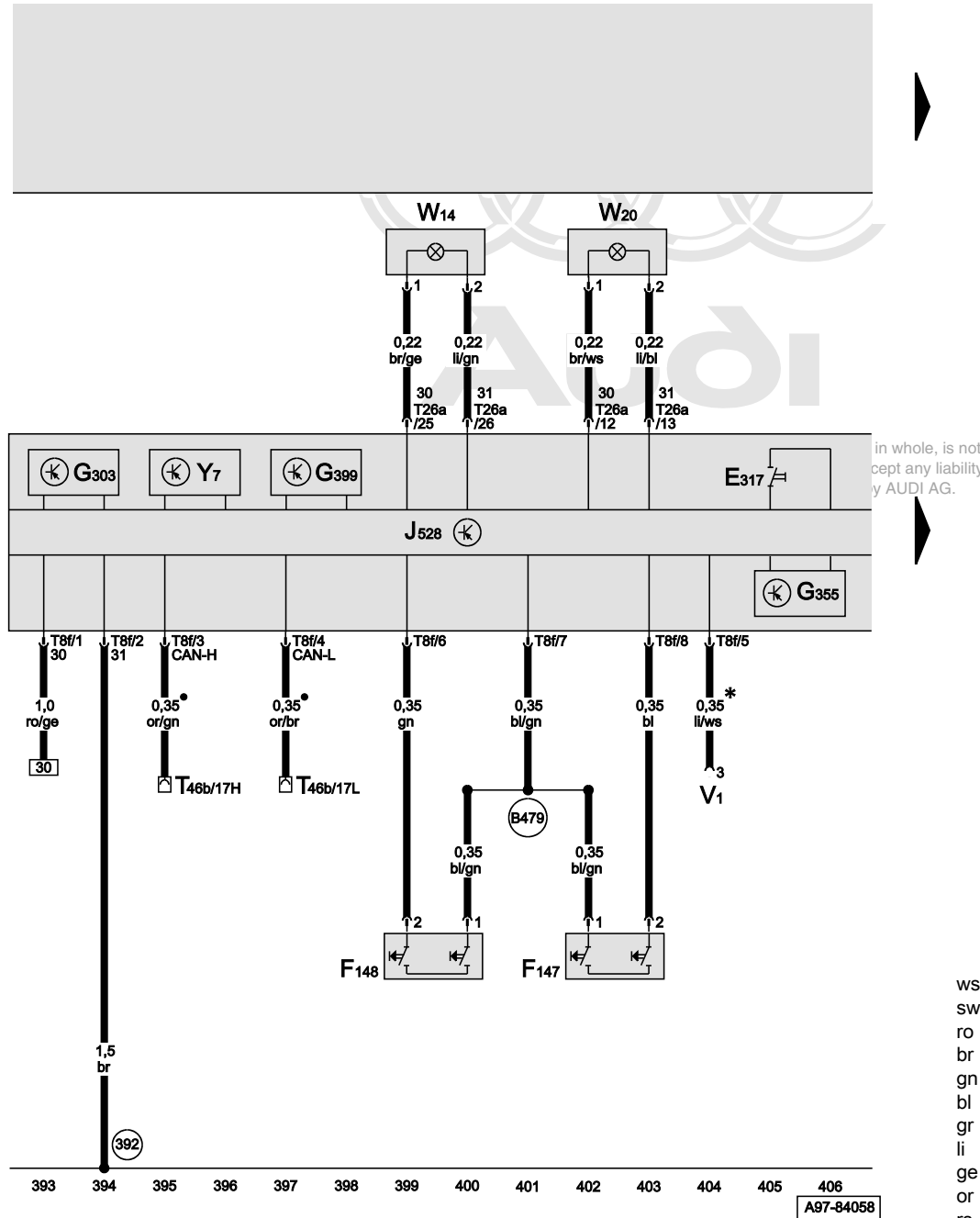
Roof electronics control unit, illuminated vanity mirror, interior monitor send and receive module 1, automatic anti-dazzle interior mirror, light sensor, humidity sender, interior light switch

- E317 Interior light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- G303 Interior monitor send and receive module 1
- G355 Humidity sender
- G399 Light detector sensor
- J528 Roof electronics control unit
- T8f 8-pin connector, black, near front interior light
- T26a 26-pin connector, on front roof console
- T46b 46-pin connector, black, CAN separating connector right
- V1 Sliding sunroof motor
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- Y7 Automatic anti-dazzle interior mirror

392 Earth connection 27, in main wiring harness

B479 Connection 15 in main wiring harness

- CAN bus (data wire)
- \* models with sunroof



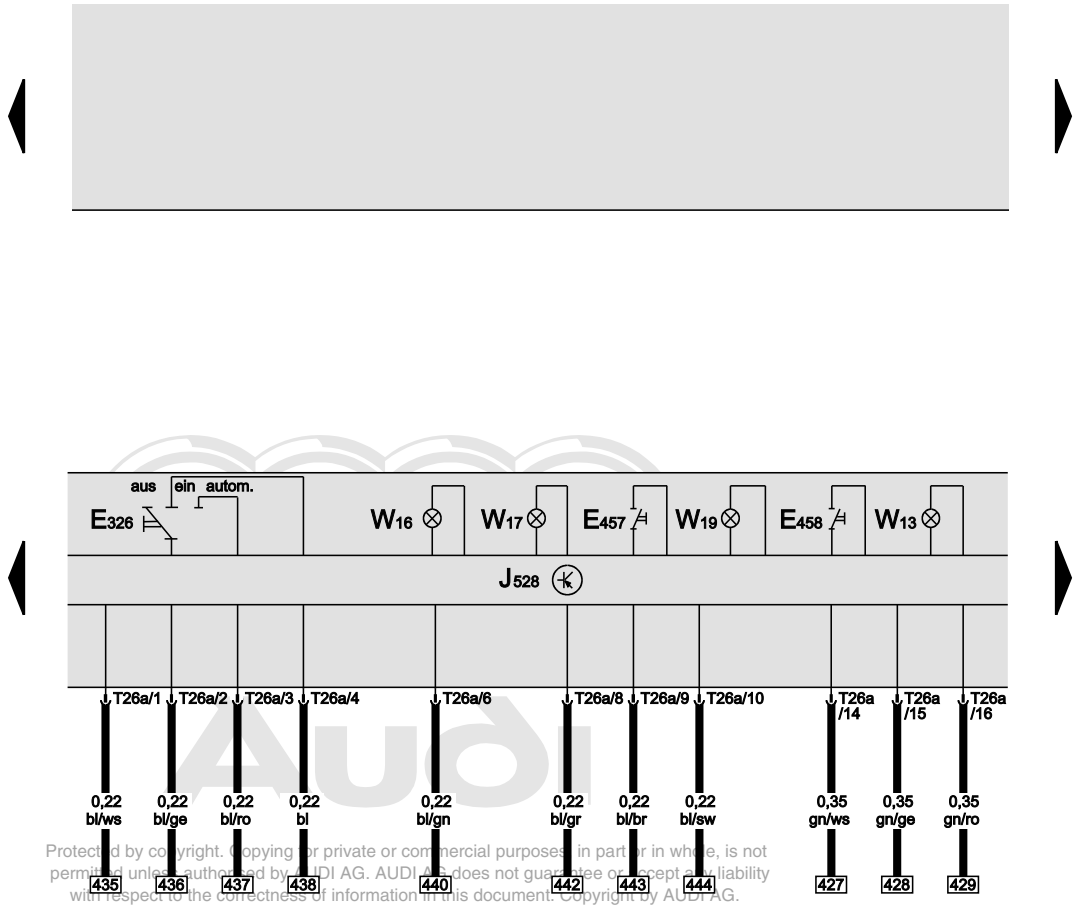
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A97-84058

Roof electronics control unit, interior light, front interior light button, reading light button

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J528 Roof electronics control unit
- T26a 26-pin connector, on front roof console
- W13 Front passenger side reading light
- W16 Left interior light
- W17 Right interior light
- W19 Driver side reading light

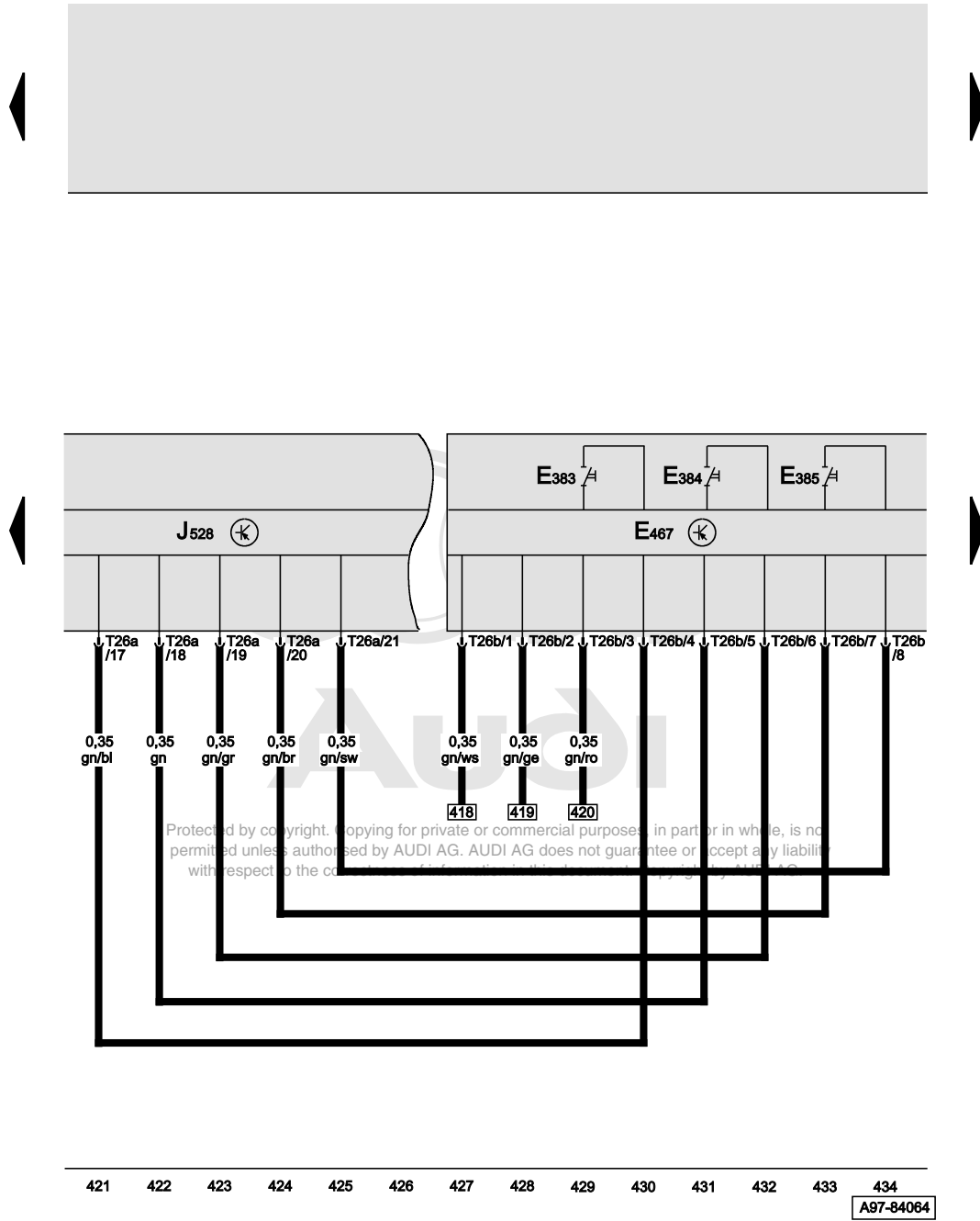


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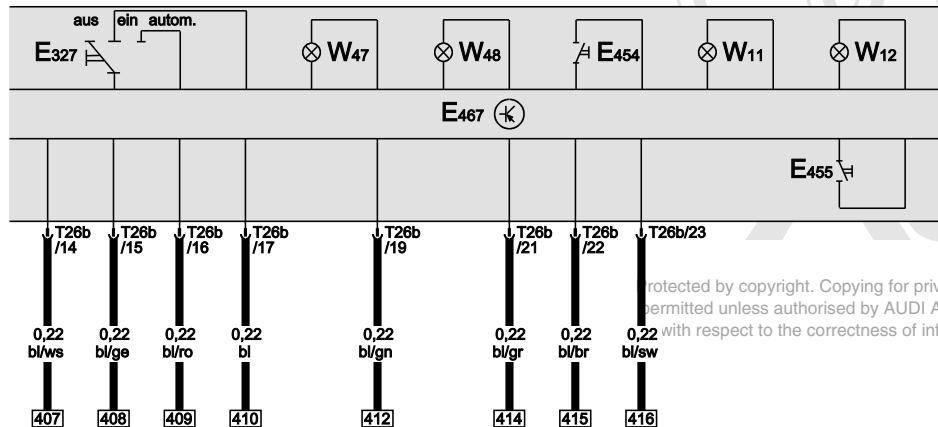
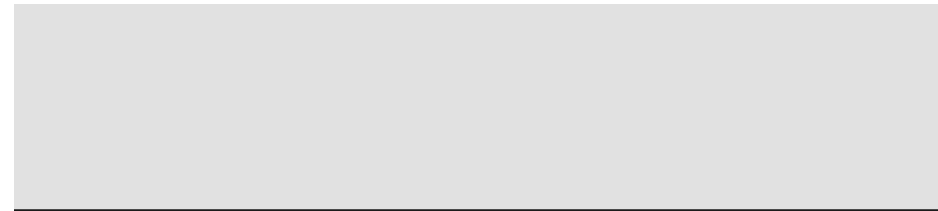
Roof electronics control unit, rear operating unit for roof module, rear switch for rear roller blind

- E383 Rear left roller blind button
- E384 Rear right roller blind button
- E385 Rear switch for rear roller blind
- E467 Rear operating unit for roof module
- J528 Roof electronics control unit
- T26a 26-pin connector, on front roof console
- T26b 26-pin connector, on rear roof console



Rear operating unit for roof module, rear reading light, rear interior light

- E327 Rear interior light button
- E454 Rear left reading light switch
- E455 Rear right reading light switch 1
- E467 Rear operating unit for roof module
- T26b 26-pin connector, on rear roof console
- W11 Rear left reading light
- W12 Rear right reading light
- W47 Rear left interior light
- W48 Rear right interior light



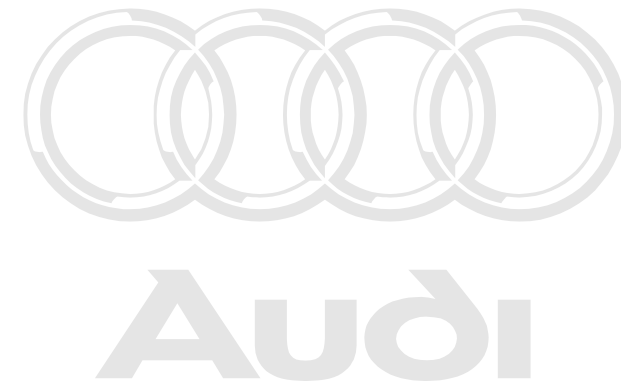
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Rear operating unit for roof module, rear illuminated vanity mirror, glove compartment light, left and right footwell light

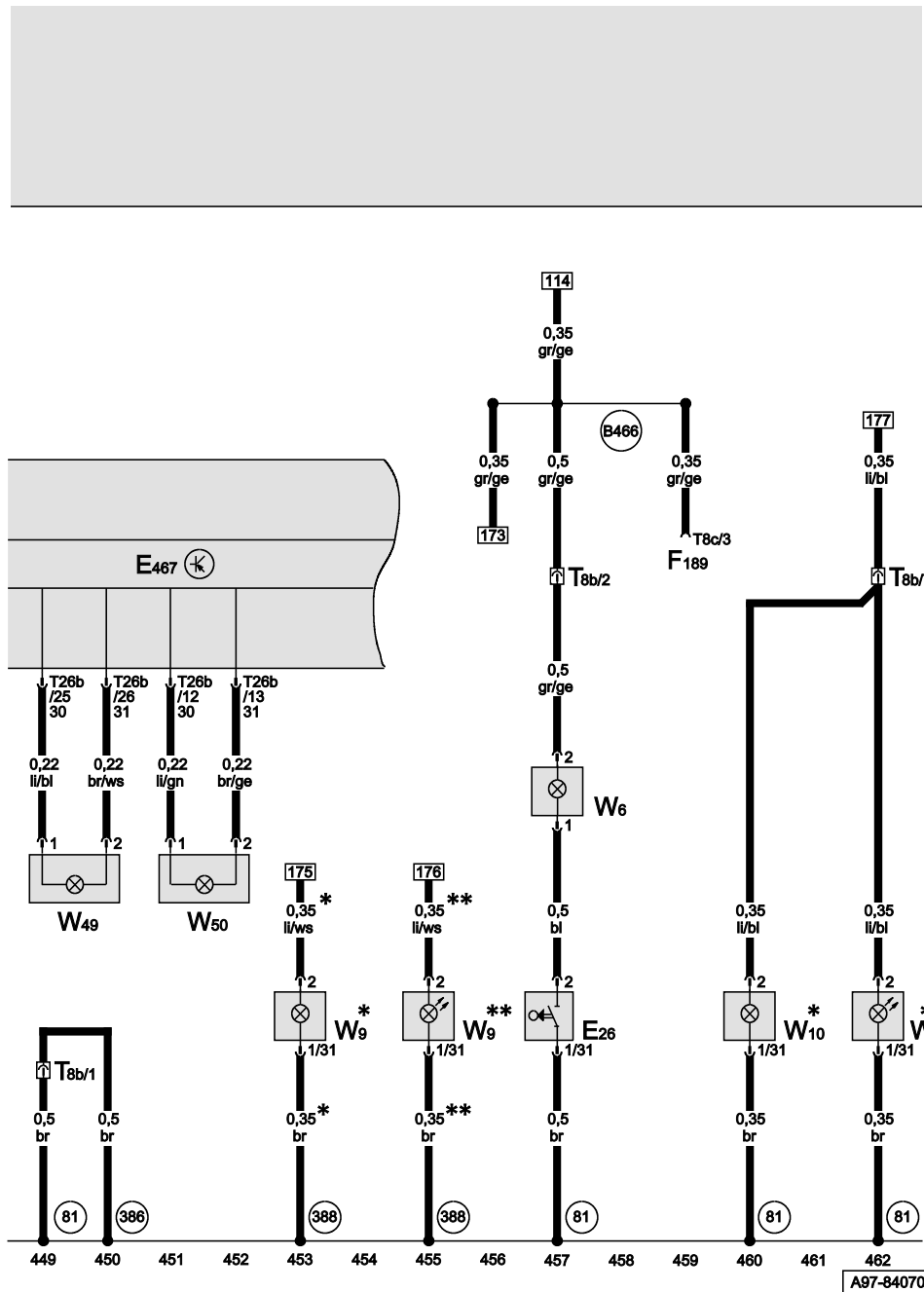
- E26 Glove compartment light switch
- E467 Rear operating unit for roof module
- F189 Tiptronic switch
- T8b 8-pin connector, black, behind right dash panel
- T8c 8-pin connector, black, in centre console on selector lever console
- T26b 26-pin connector, on rear roof console
- W6 Glove compartment light
- W9 Left footwell light
- W10 Right footwell light
- W49 Rear left illuminated vanity mirror
- W50 Rear right illuminated vanity mirror

- 81 Earth connection 1, in dash panel wiring harness (glove box)
- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B466 Connection 2 in main wiring harness
- \* models without light equipment
- \*\* models with light equipment



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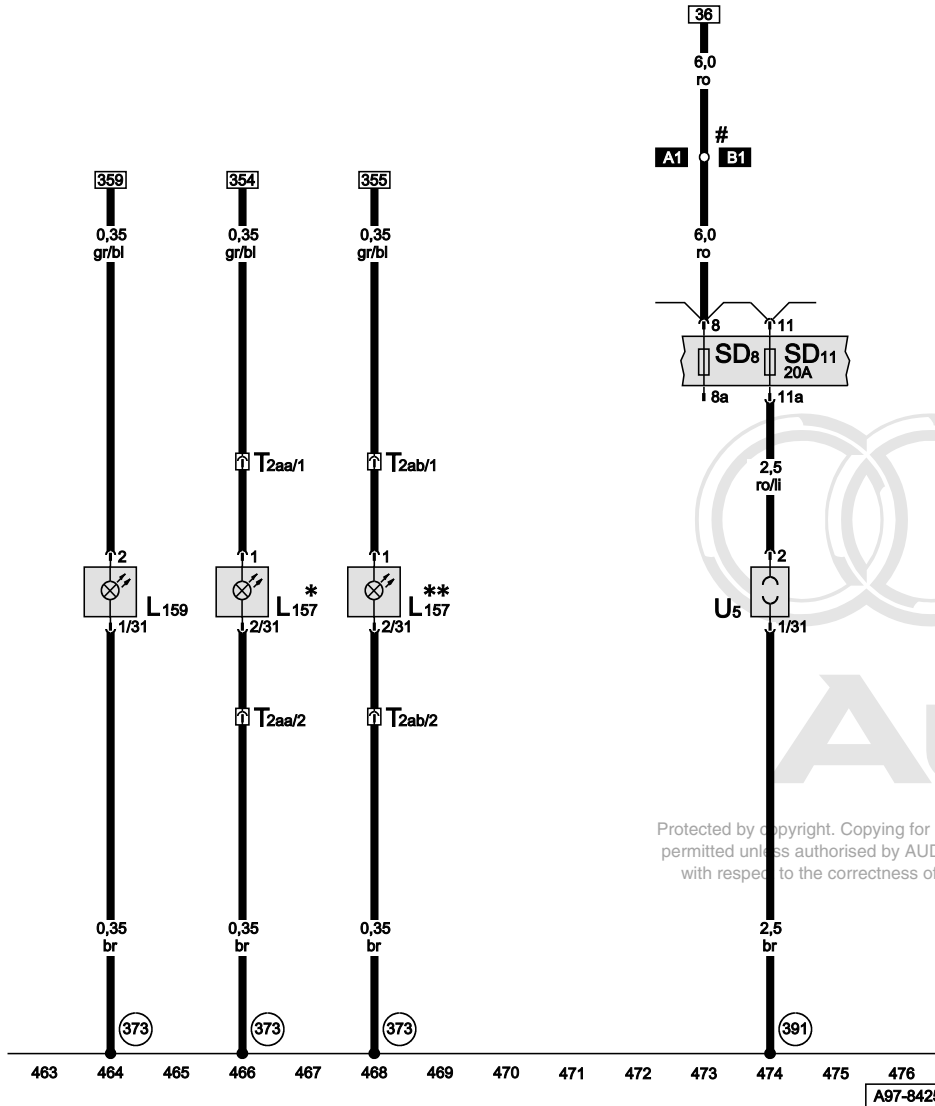
Illuminated centre armrest, centre console rear storage compartment illumination bulb, 12 V socket

- L157 Illuminated centre armrest
- L159 Centre console rear storage compartment illumination bulb
- SD8 Fuse 8 on fuse holder
- SD11 Fuse 11 on fuse holder
- T2aa 2-pin connector, rear below the rear footwell vent
- T2ab 2-pin connector, rear below the rear footwell vent
- U5 12 V socket

373 Earth connection 8, in main wiring harness

391 Earth connection 26, in main wiring harness

- \* below shelf, left
- \*\* below shelf, right
- # Screw connection, on rear left fuse holder



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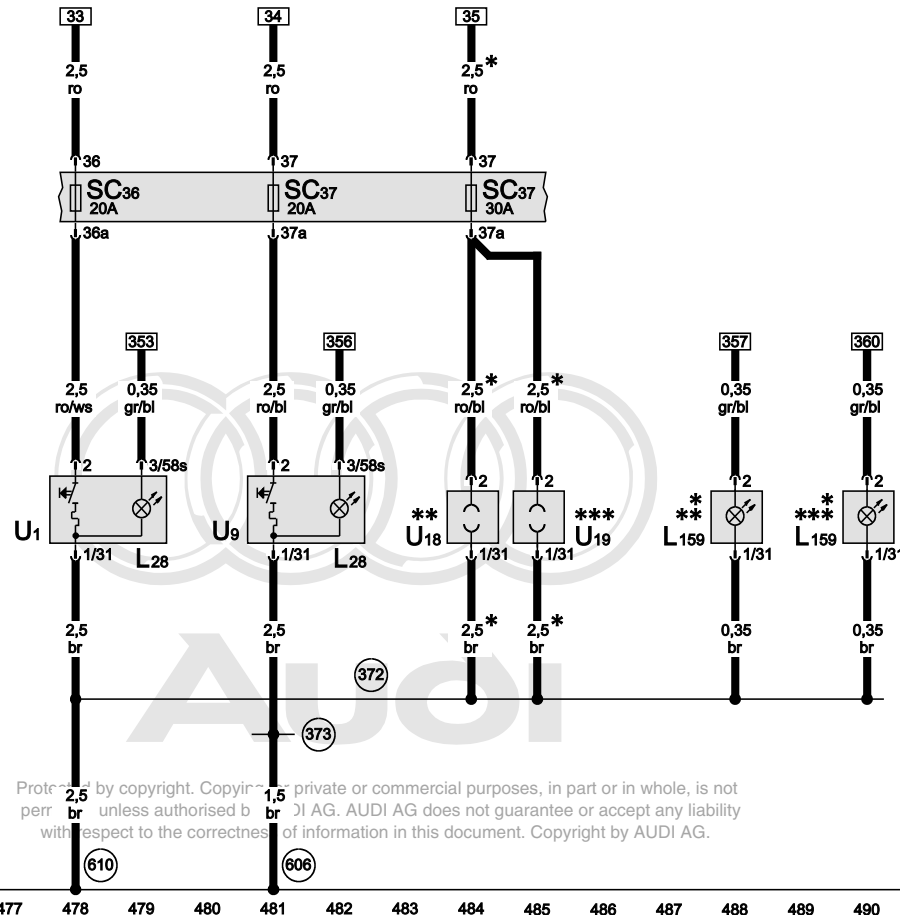
A97-84252

Cigarette lighter, rear cigarette lighter

- L28 Cigarette lighter illumination bulb
- L159 Centre console rear storage compartment illumination bulb
- SC36 Fuse 36 on fuse holder
- SC37 Fuse 37 on fuse holder
- U1 Cigarette lighter
- U9 Rear cigarette lighter
- U18 12 V socket 2
- U19 12 V socket 3

- 372 Earth connection 7, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- 610 Earth point (audio), under centre console, front

\* centre console, long version  
 \*\* in left storage compartment  
 \*\*\* in right storage compartment



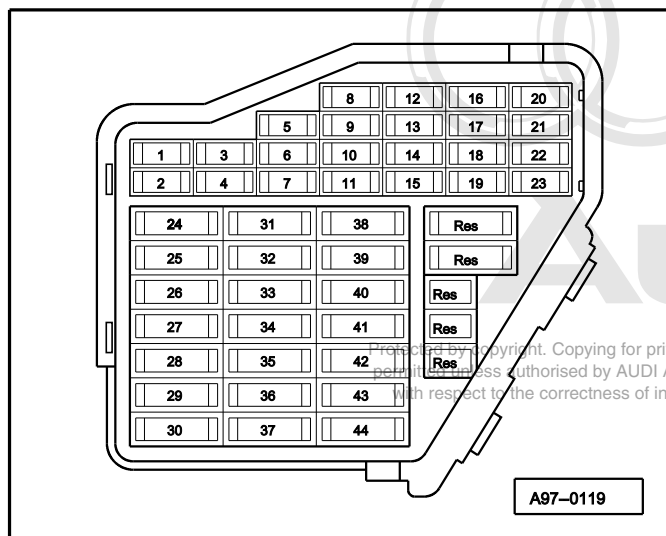
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**Audi A8 3.0 I - Fuel injection engine (162 kW/ 160 kW - Motronic - 6-cylinder) engine code ASN/ BBJ**  
from model year 2005

**Fuse holder, left dash panel**



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**Fuse colours**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

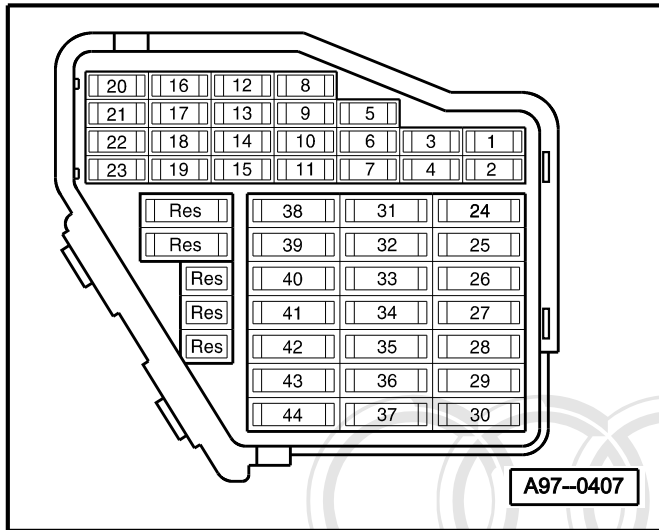
SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

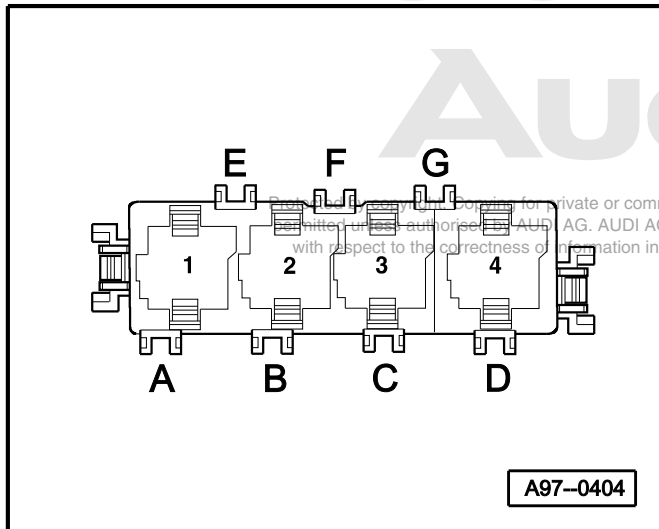
SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

Fuse holder right dash panel



Relay carrier electronics box in plenum chamber

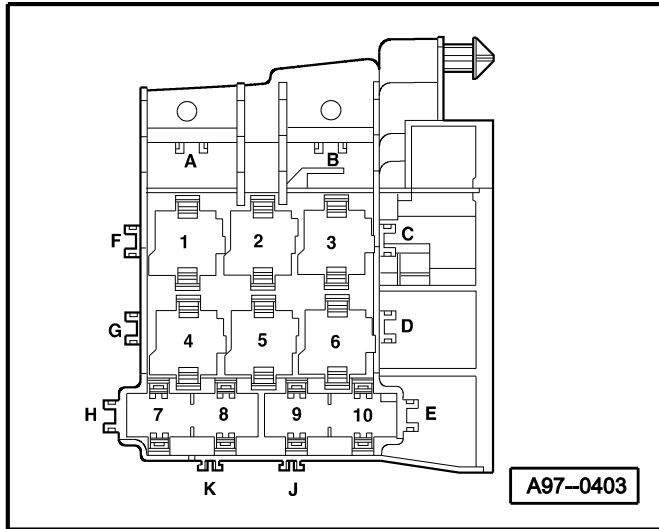


Relay positions

- 1 - Secondary air pump relay (J299)
- 2 - Motronic current supply relay (J271)

B - Secondary air pump fuse (S130)

**Relay and fuse carrier behind left dash panel**

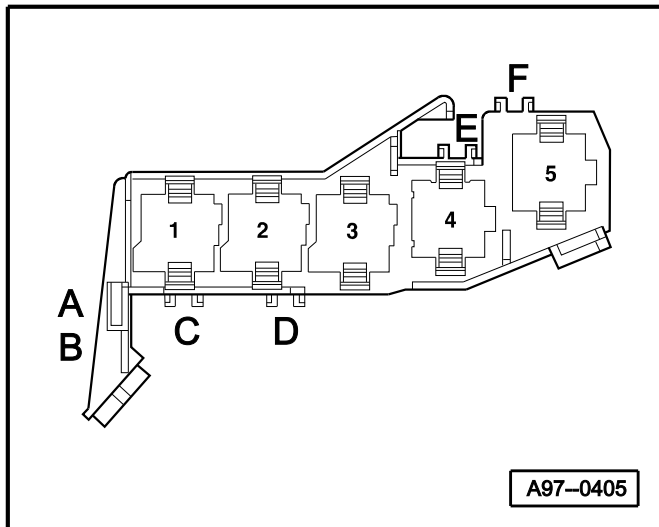


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Relay positions

3 - Terminal 15 voltage supply relay (J329)

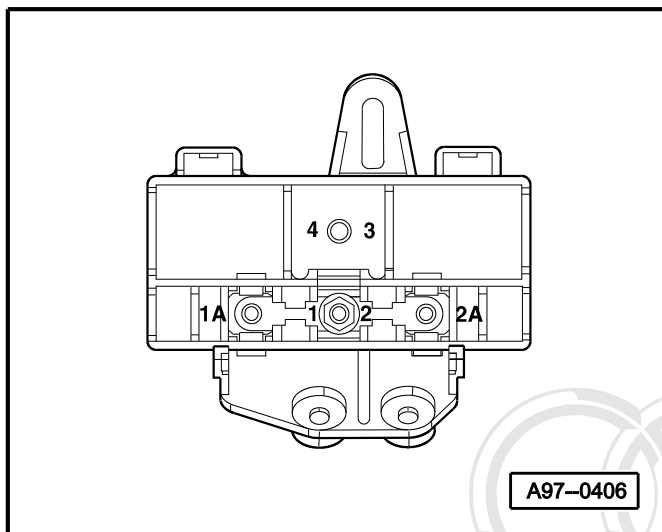
**relay carrier front passenger footwell**



Relay positions

- 1.1 - Brake servo relay (J569)
- 1.2 - Continued coolant circulation relay (J151)
- 2 - Starter motor relay (J53)
- 3 - Starter motor relay 2 (J695)
- 4 - Fuel pump relay (J17)

**Assignment main fuse carrier right A-pillar**

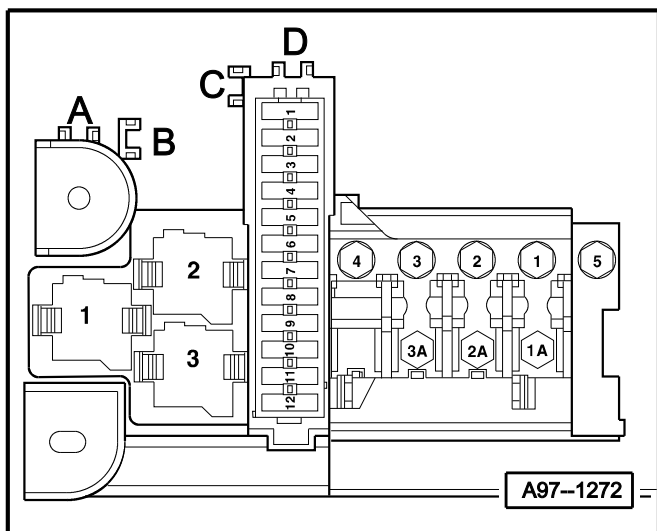


Fuse locations

- 1 - Radiator fan single fuse (S42, 60 A)
- 1A - Radiator fan screw point 1
- 2 - Radiator fan fuse for 2nd speed (S104, 60 A)
- 2A - Radiator fan screw point 2
- 3 - Terminal 30 screw point (battery)
- 4 - Terminal 30 screw point (starter)

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Relay and fuse carrier right in luggage compartment



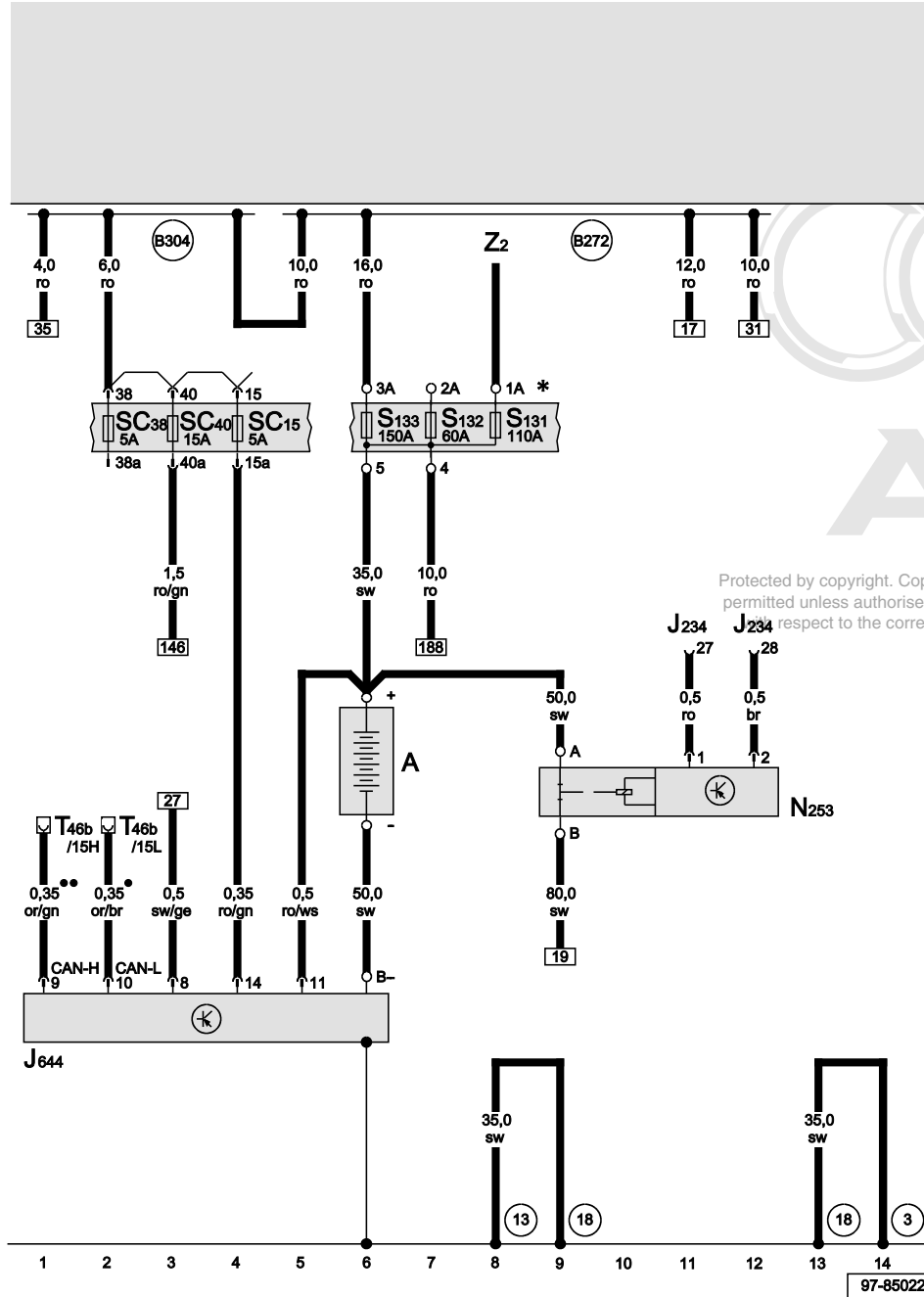
Relay positions

3 - Electric fuel pump 2 relay (J49)



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Battery, energy management control unit, battery isolation igniter



- A Battery
  - J234 Airbag control unit
  - J644 Energy management control unit
  - N253 Battery isolation igniter
  - S131 Fuse 1, 110 A, in luggage compartment, rear right
  - S132 Fuse 2, 60 A, in luggage compartment, rear right
  - S133 Fuse 3, 150 A, in luggage compartment, rear right
  - SC15 Fuse 15 on fuse holder
  - SC38 Fuse 38 on fuse holder
  - SC40 Fuse 40 on fuse holder
  - T46b 46-pin connector, black, CAN separating connector right
  - Z2 Heated windscreen
- 3 Earth strap, engine - body
  - 13 Earth point, on right in engine compartment
  - 18 Earth point on engine block
  - B272 Positive connection (30), in main wiring harness
  - B304 Positive connection 8 (30), in main wiring harness
- CAN bus (data wire)
  - \* In luggage compartment, rear right

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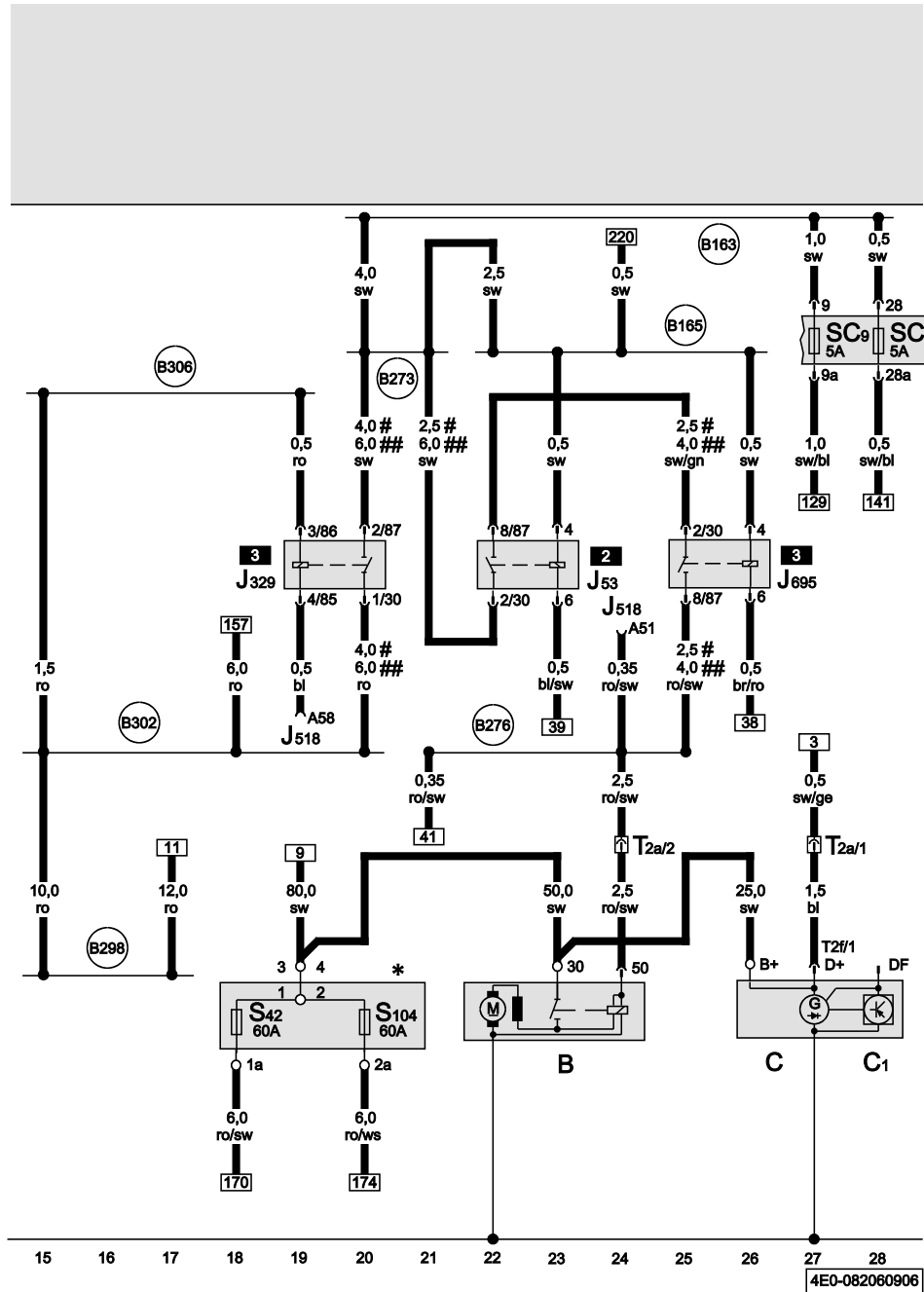
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- or = orange
- rs = pink

Starter, alternator, terminal 15 voltage supply relay, starter motor relay

- B Starter
- C Alternator
- C1 Voltage regulator
- J53 Starter motor relay
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J695 Starter motor relay 2
- S42 Radiator fan single fuse
- S104 Radiator fan fuse for 2nd speed
- SC9 Fuse 9 on fuse holder
- SC28 Fuse 28 on fuse holder
- T2a 2-pin connector, black, in front right engine compartment
- T2f 2-pin connector, black, on alternator

- B163 Positive connection 1 (15), in interior wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B276 Positive connection (50), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B306 Positive connection 10 (30), in main wiring harness
- \* Main fuse carrier right A-pillar
- # up to April 2006
- ## from May 2006

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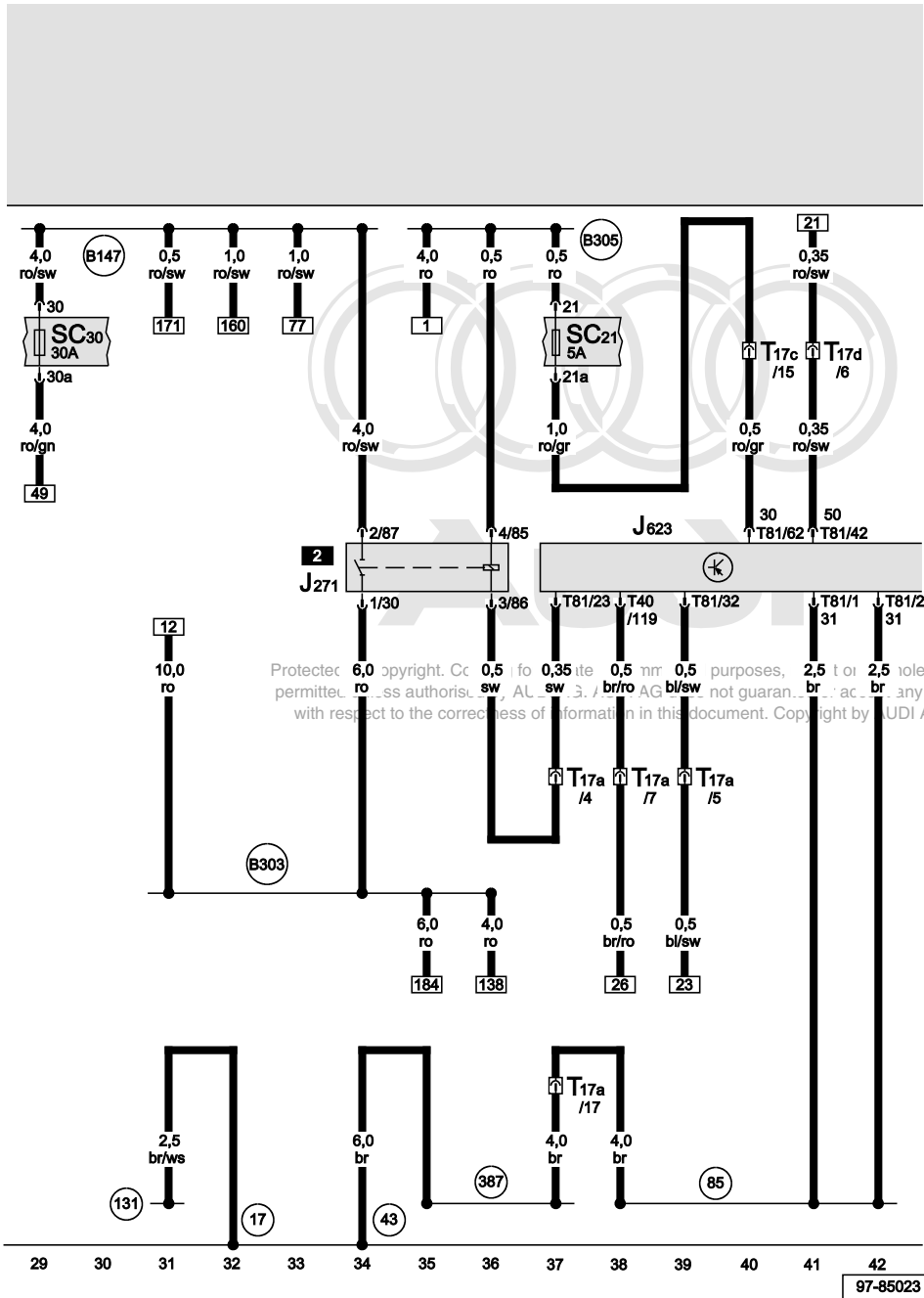


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Engine control unit, Motronic current supply relay

- J271 Motronic current supply relay
- J623 Engine control unit
- SC21 Fuse 21 on fuse holder
- SC30 Fuse 30 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- 17 Earth point, on intake manifold
- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness
- B147 Positive connection 2 (87), in interior wiring harness
- B303 Positive connection 7 (30), in main wiring harness
- B305 Positive connection 9 (30), in main wiring harness



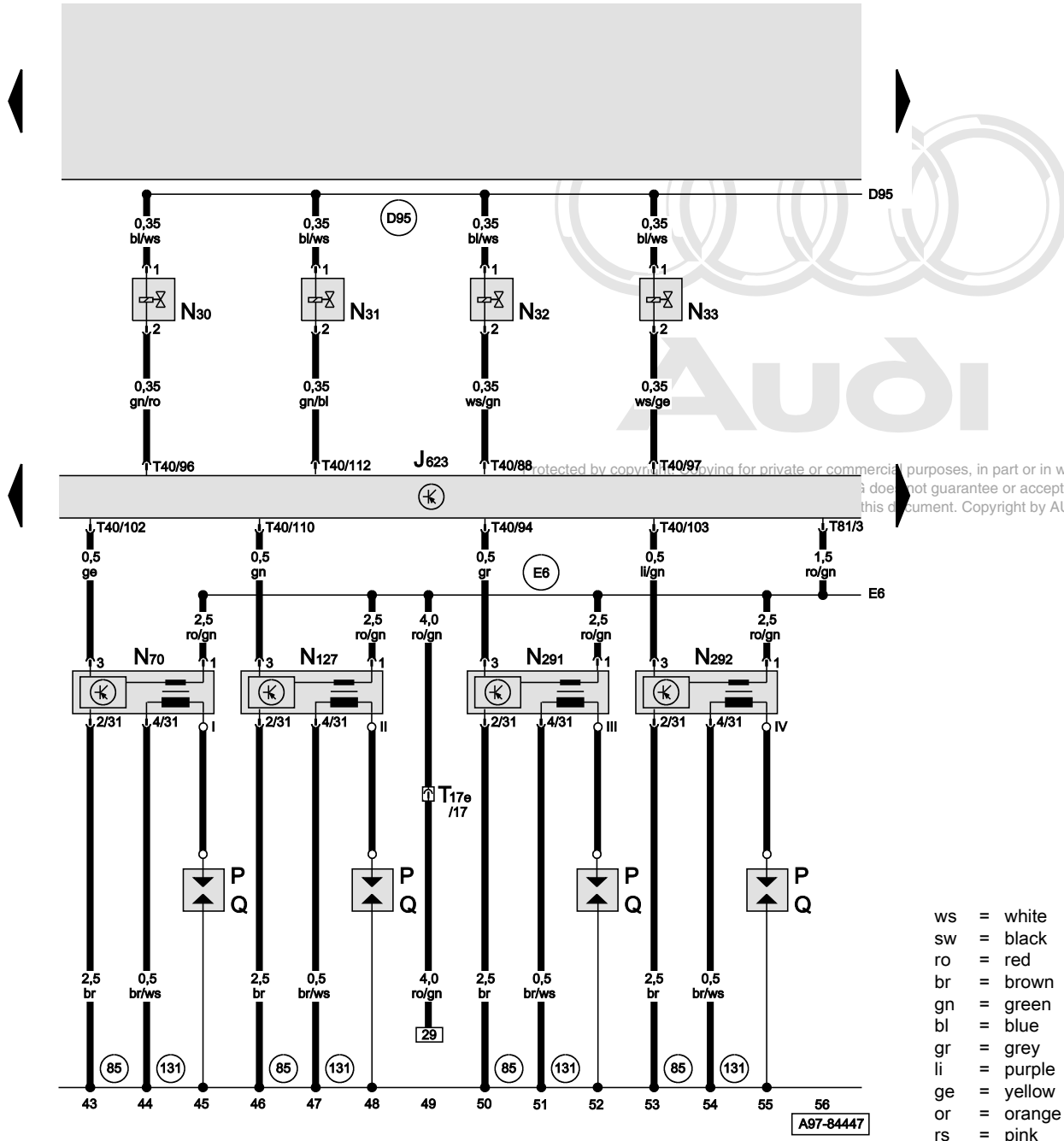
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Engine control unit, injector, cylinder 1 - 4, ignition coil 1 - 4 with output stage

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- (85) Earth connection 1, in engine compartment wiring harness
- (131) Earth connection 2, in engine compartment wiring harness
- (D95) Connection (injectors), in engine compartment wiring harness
- (E6) Positive connection 1 (15), in Motronic wiring harness

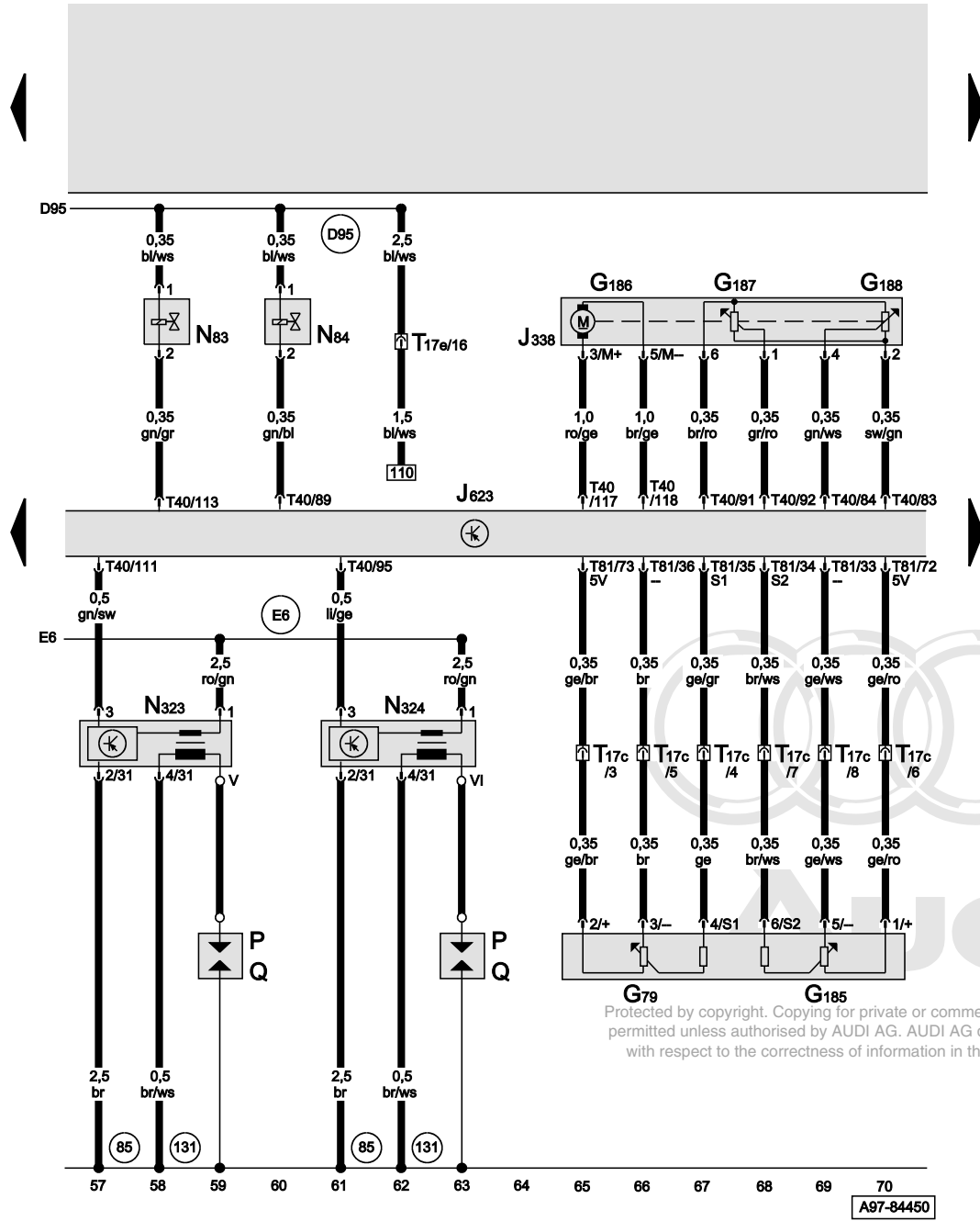


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Engine control unit, injector, cylinder 5 and 6, ignition coil 5 and 6 with output stage, throttle valve module, accelerator position sender

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- N83 Injector, cylinder 5
- N84 Injector, cylinder 6
- N323 Ignition coil 5 with output stage
- N324 Ignition coil 6 with output stage
- P Spark plug connector
- Q Spark plugs
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D95 Connection (injectors), in engine compartment wiring harness
- E6 Positive connection 1 (15), in Motronic wiring harness

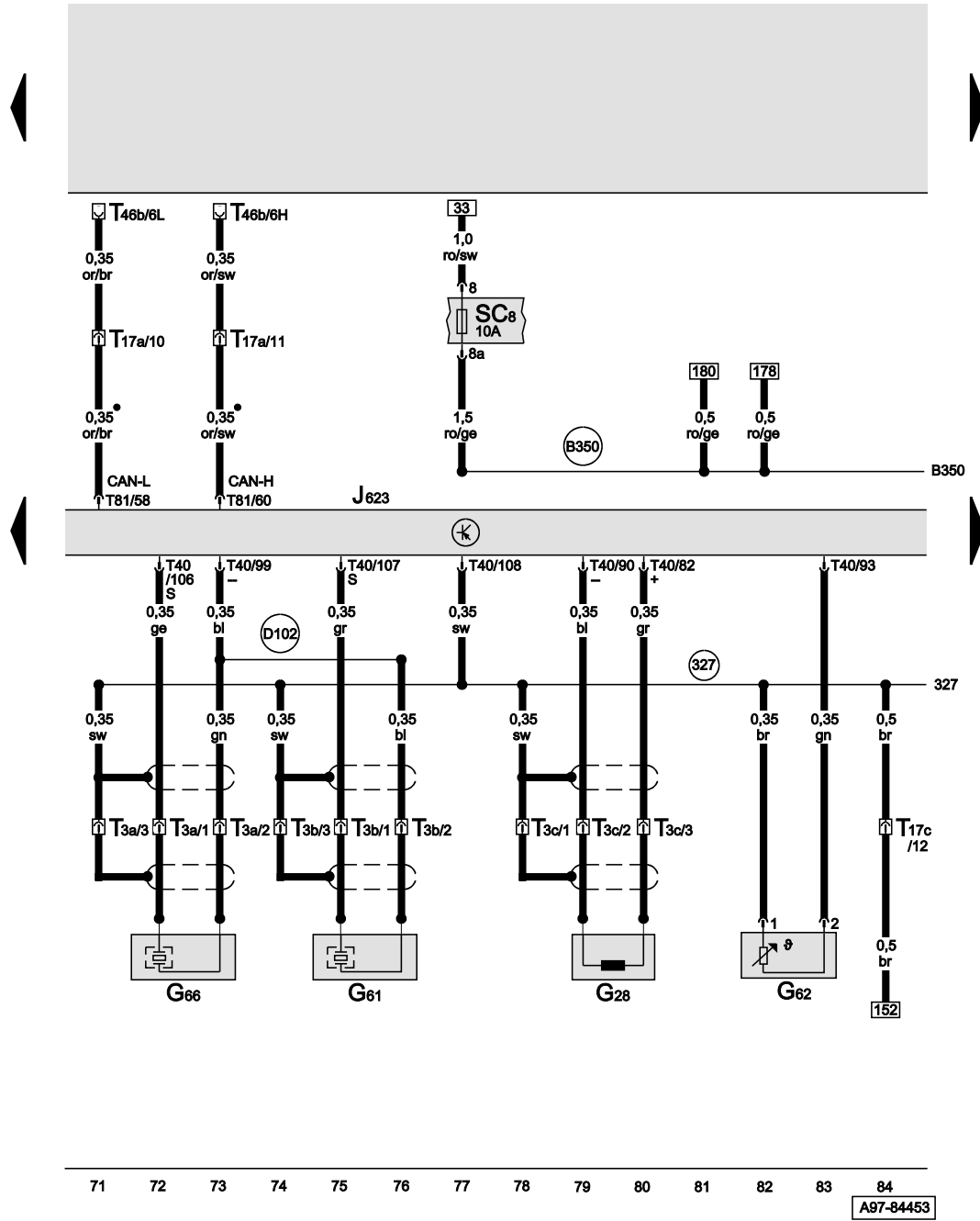


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Engine control unit, knock sensor 1, knock sensor 2, engine speed sender

- G28 Engine speed sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G66 Knock sensor 2
- J623 Engine control unit
- SC8 Fuse 8 on fuse holder
- T3a 3-pin connector, blue, on knock sensor 2
- T3b 3-pin connector, blue, on knock sensor 1
- T3c 3-pin connector, grey, on engine speed sender
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T46b 46-pin connector, black, CAN bus separating connector right
- T81 81-pin connector, black, on engine control unit
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B350 Positive connection 1 (87a), in main wiring harness
- D102 Connection 2, in engine compartment wiring harness
- CAN bus (data wire)



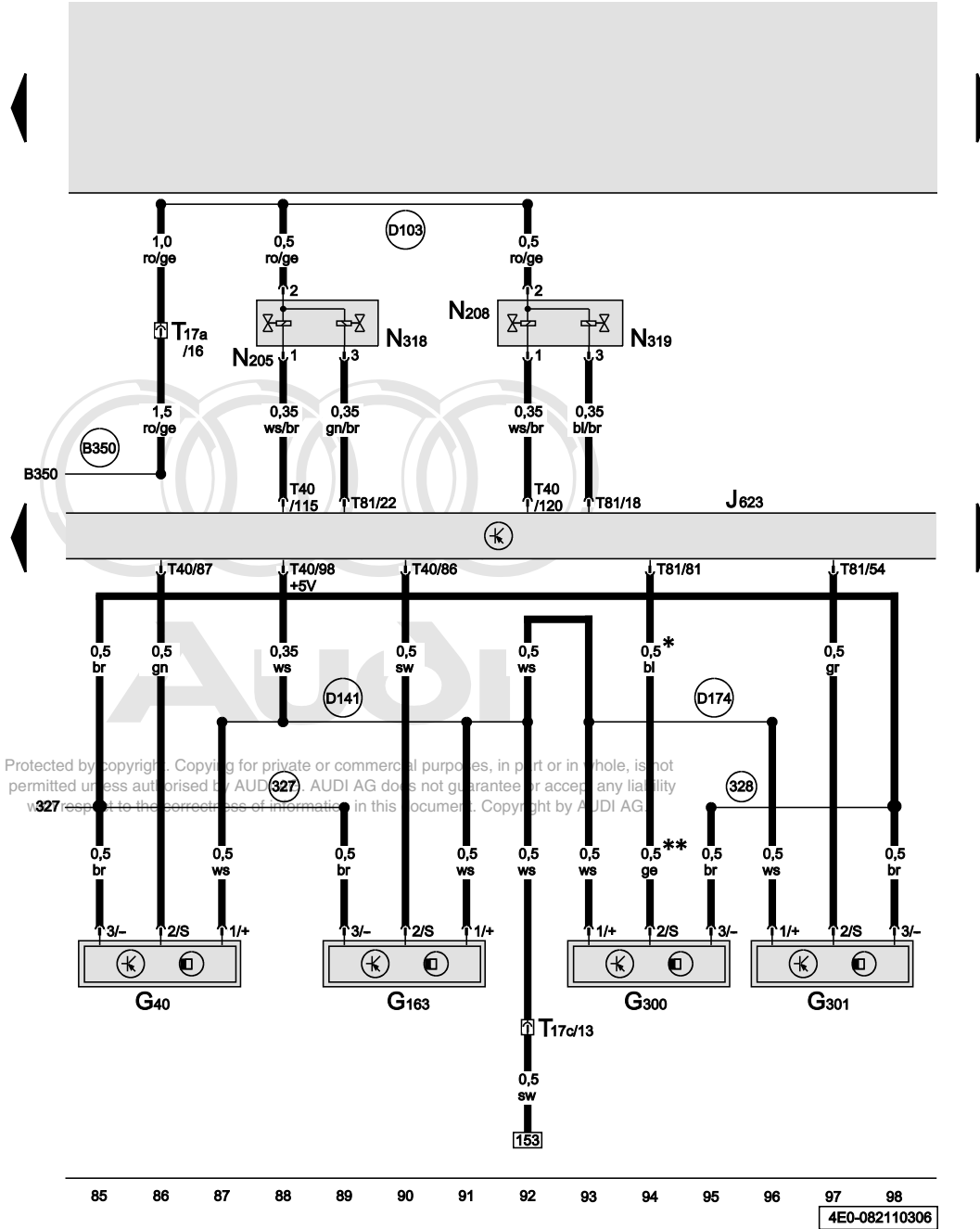
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Engine control unit, Hall sender, inlet camshaft control valve

- G40 Hall sender
- G163 Hall sender 2
- G300 Hall sender 3
- G301 Hall sender 4
- J623 Engine control unit
- N205 Inlet camshaft control valve 1
- N208 Inlet camshaft control valve 2
- N318 Exhaust camshaft control valve 1
- N319 Exhaust camshaft control valve 2
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- (327) Earth connection (sender earth), in engine compartment wiring harness
- (328) Earth connection 2 (sender earth), in engine compartment wiring harness
- (B350) Positive connection 1 (87a), in main wiring harness
- (D103) Connection 3, in engine compartment wiring harness
- (D141) Connection (5V), in engine wiring harness
- (D174) Connection 2 (5V), in engine wiring harness
- \* up to October 2005
- \*\* from November 2005



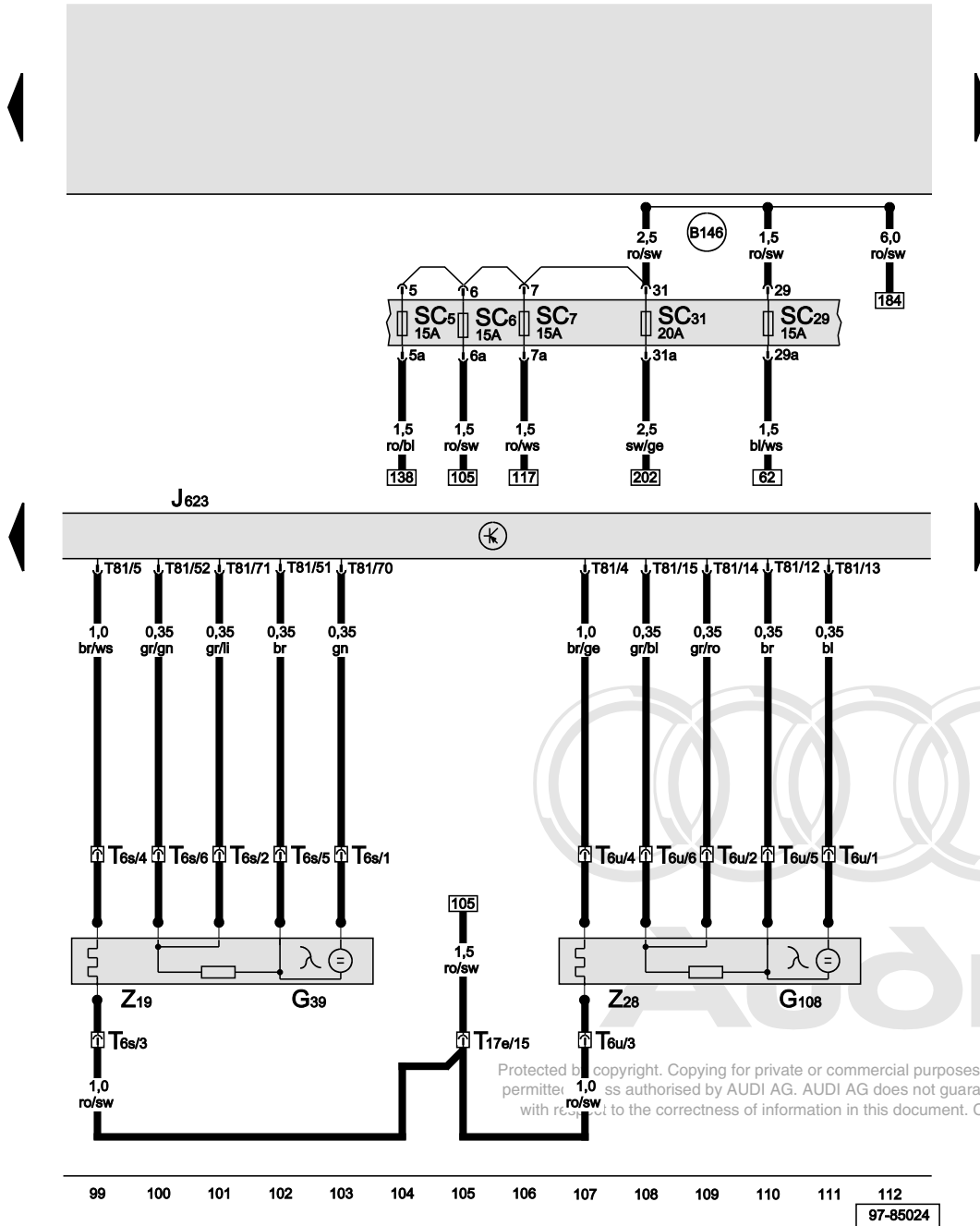
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Engine control unit, lambda probe, lambda probe 2

- G39 Lambda probe
- G108 Lambda probe 2
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder
- SC6 Fuse 6 on fuse holder
- SC7 Fuse 7 on fuse holder
- SC29 Fuse 29 on fuse holder
- SC31 Fuse 31 on fuse holder
- T6s 6-pin connector, black, for lambda probe
- T6u 6-pin connector, brown, for lambda probe 2
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- Z19 Lambda probe heater
- Z28 Lambda probe 2 heater

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



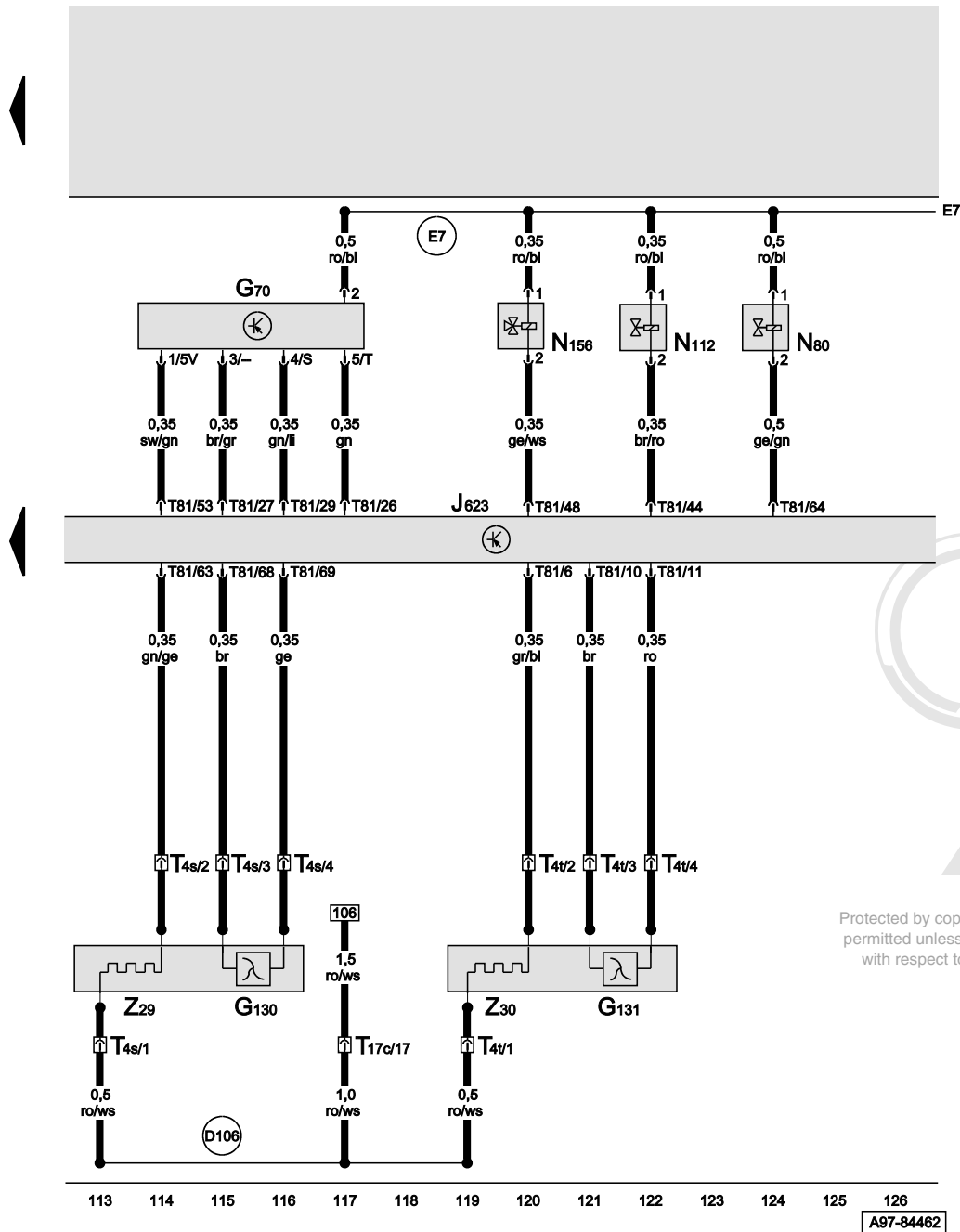
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Engine control unit, lambda probe after catalytic converter, air mass meter, variable intake manifold change-over valve, secondary air inlet valve, active charcoal filter system solenoid valve 1

- G70 Air mass meter
- G130 Lambda probe after catalytic converter
- G131 Lambda probe 2 after catalytic converter
- J623 Engine control unit
- N80 Activated charcoal filter system solenoid valve 1
- N112 Secondary air inlet valve
- N156 Variable intake manifold change-over valve
- T4s 4-pin connector, green, for lambda probe 1 after catalytic converter
- T4t 4-pin connector, brown, for lambda probe 2 after catalytic converter
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- Z29 Lambda probe 1 heater after catalytic converter
- Z30 Lambda probe 2 heater after catalytic converter

D106 Connection 4, in engine compartment wiring harness

E7 Connection (87a), in Motronic wiring harness



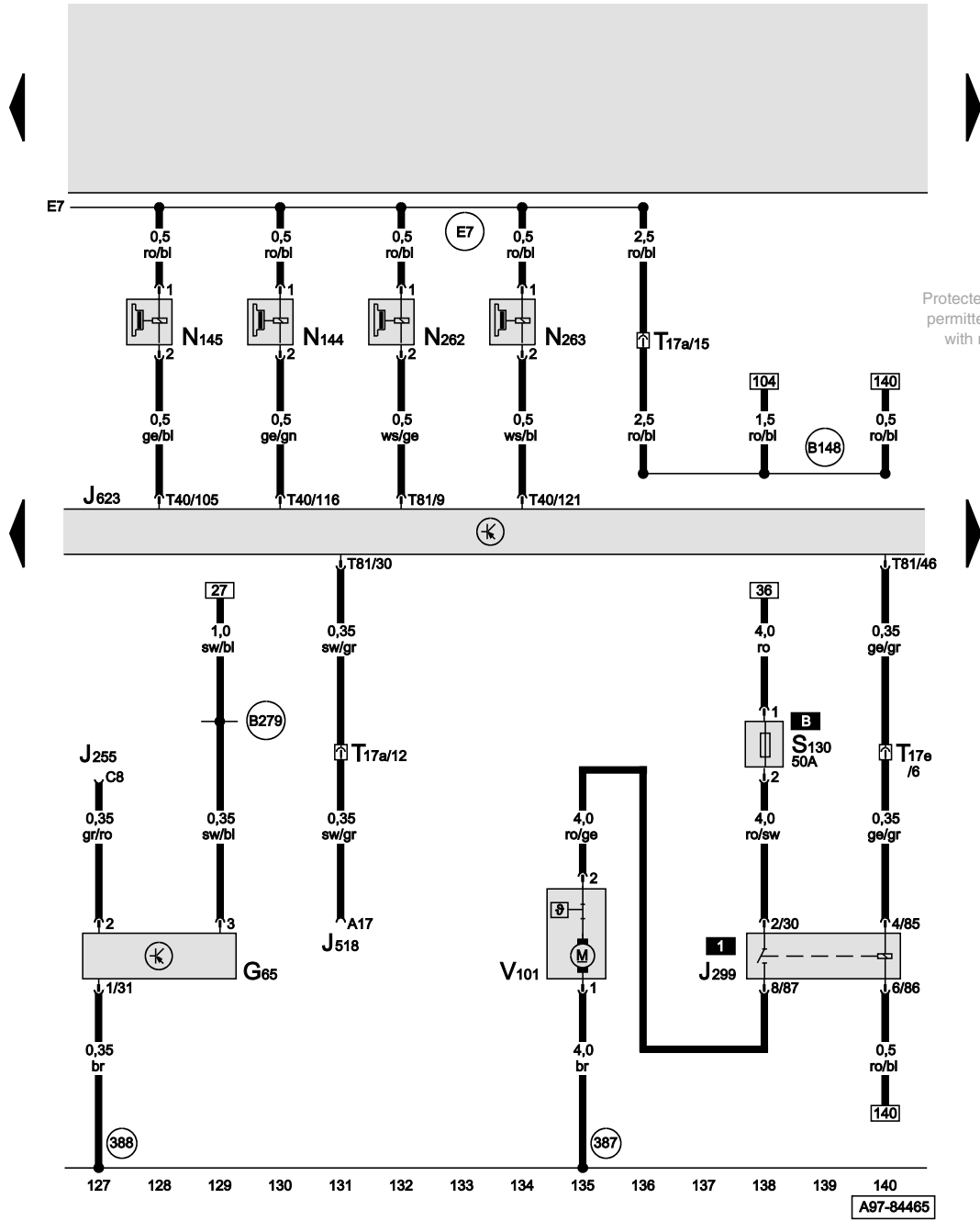
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Engine control unit, electro-hydraulic engine mounting solenoid valve, gearbox mounting valve, secondary air pump motor, secondary air pump relay, high pressure sender

- G65 High pressure sender
- J255 Climatronic control unit
- J299 Secondary air pump relay
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- N144 Left electrohydraulic engine mounting solenoid valve
- N145 Right electrohydraulic engine mounting solenoid valve
- N262 Gearbox mounting valve 1
- N263 Gearbox mounting valve 2
- S130 Secondary air pump fuse
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- V101 Secondary air pump motor

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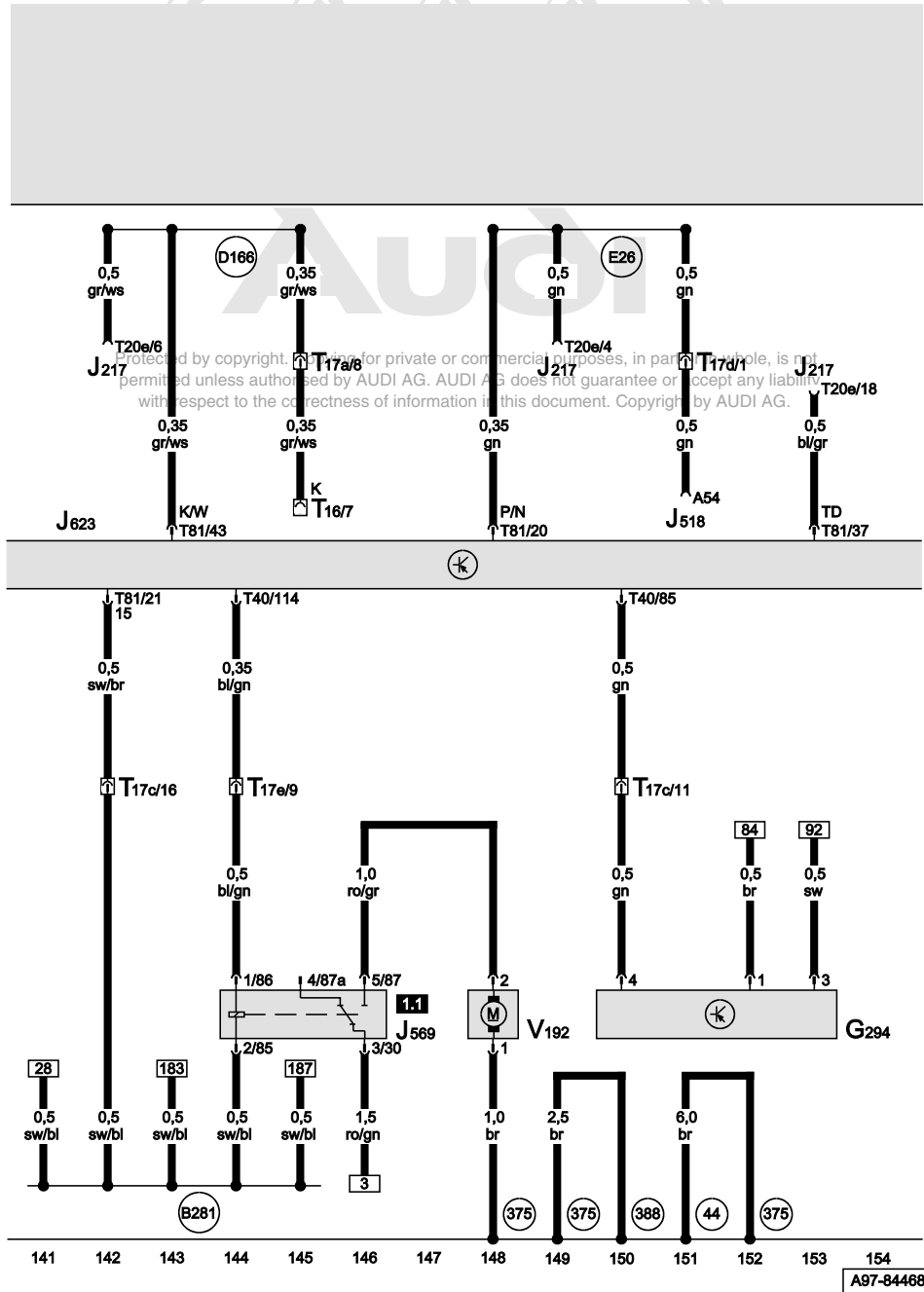
- (387) Earth connection 22, in main wiring harness
- (388) Earth connection 23, in main wiring harness
- (B148) Positive connection 3 (87), in interior wiring harness
- (B279) Positive connection 3 (15a), in main wiring harness
- (E7) Connection (87a), in Motronic wiring harness

Engine control unit, brake servo relay, vacuum pump for brakes, brake servo pressure sensor

- G294 Brake servo pressure sensor
- J217 Automatic gearbox control unit
- J518 Entry and start authorisation control unit
- J569 Brake servo relay
- J623 Engine control unit
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T20e 20-pin connector, black, on gearbox
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- V192 Vacuum pump for brakes

- (44) Earth point, lower part of left A-pillar
- (375) Earth connection 10, in main wiring harness
- (388) Earth connection 23, in main wiring harness
- (B281) Positive connection 5 (15a), in main wiring harness
- (D166) Connection (K-diagnosis wiring), in engine compartment wiring harness
- (E26) Connection selector lever lock, in Motronic wiring harness

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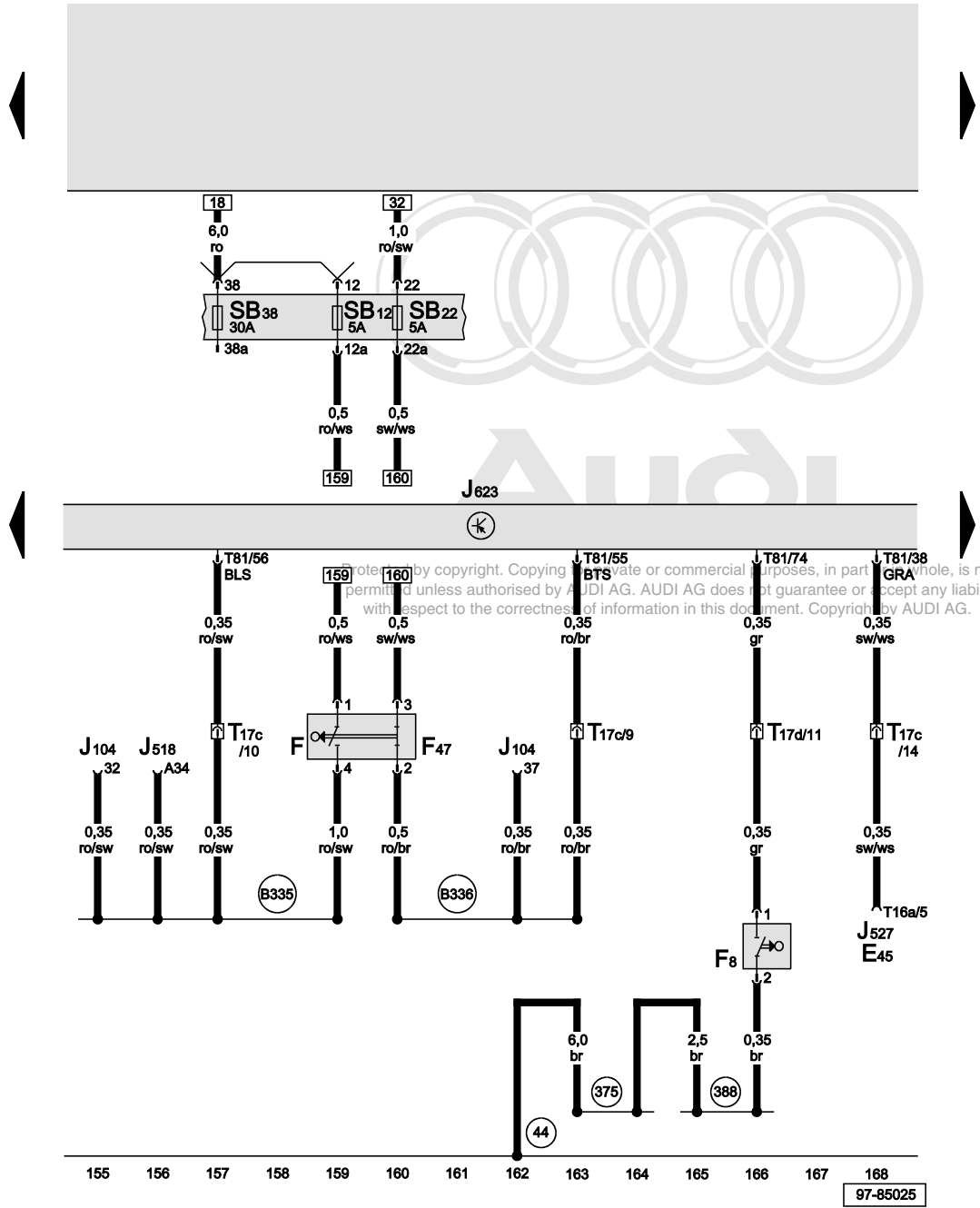




Engine control unit, brake light switch, kick-down switch, brake pedal switch, cruise control system switch

- E45 Cruise control system switch
- F Brake light switch
- F8 Kick-down switch
- F47 Brake pedal switch
- J104 ABS control unit
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- SB12 Fuse 12 on fuse holder
- SB22 Fuse 22 on fuse holder
- SB38 Fuse 38 on fuse holder
- T16a 16-pin connector, on steering column electronics control unit
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit

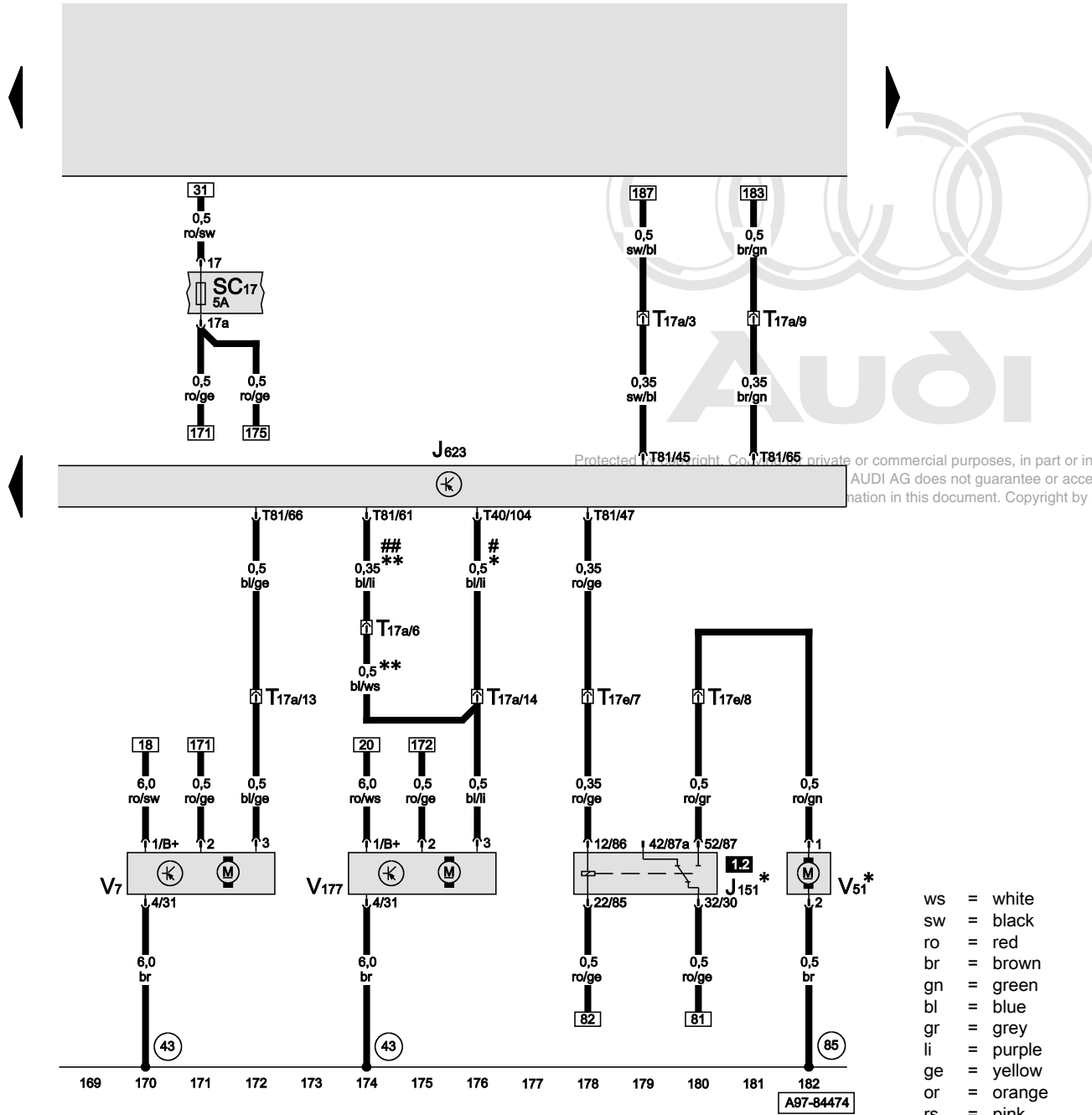
- 44 Earth point, lower part of left A-pillar
- 375 Earth connection 10, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness



Engine control unit, radiator fan, radiator fan 2, continued coolant circulation relay, continued coolant circulation pump

- J151 Continued coolant circulation relay
- J623 Engine control unit
- SC17 Fuse 17 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- V7 Radiator fan
- V51 Continued coolant circulation pump
- V177 Radiator fan 2

- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- \* only countries with hot climate
- \*\* without countries with hot climate
- # models with trailer towing attachment
- ## models without trailer towing attachment



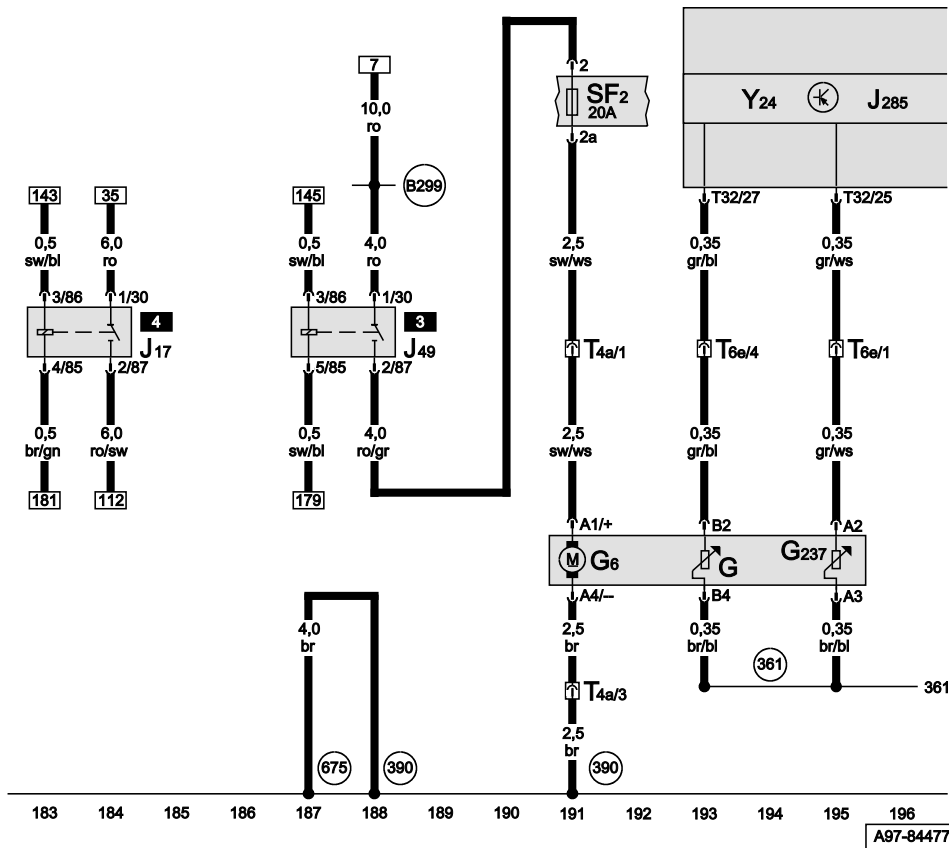
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Fuel pump relay, electric fuel pump 2 relay, control unit in dash panel insert

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- G237 Fuel gauge sender 3
- J17 Fuel pump relay
- J49 Electric fuel pump 2 relay
- J285 Control unit in dash panel insert
- SF2 Fuse 2 on fuse holder
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

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- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 675 Earth point 2, on right in luggage compartment
- B299 Positive connection 3 (30), in main wiring harness



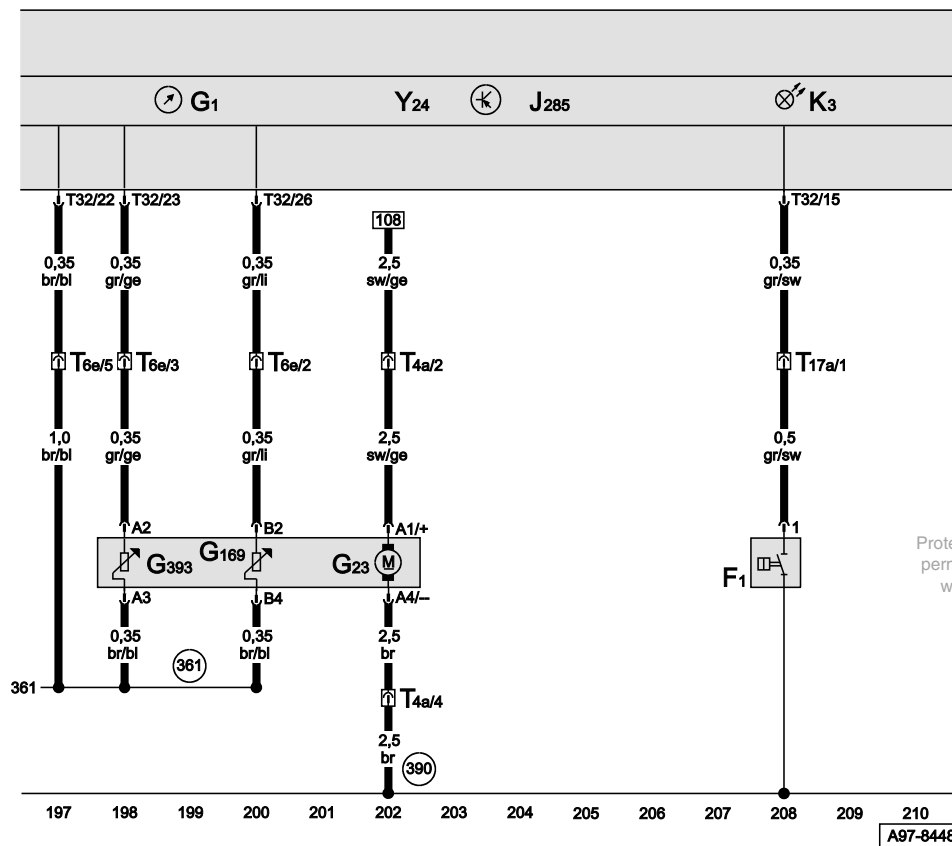
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Control unit in dash panel insert, fuel pump, fuel gauge, oil pressure warning lamp, fuel gauge sender

- F1 Oil pressure switch
- G1 Fuel gauge
- G23 Fuel pump
- G169 Fuel gauge sender 2
- G393 Fuel gauge sender 4
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

361 Earth connection (fuel gauge sender), in main wiring harness

390 Earth connection 25, in main wiring harness



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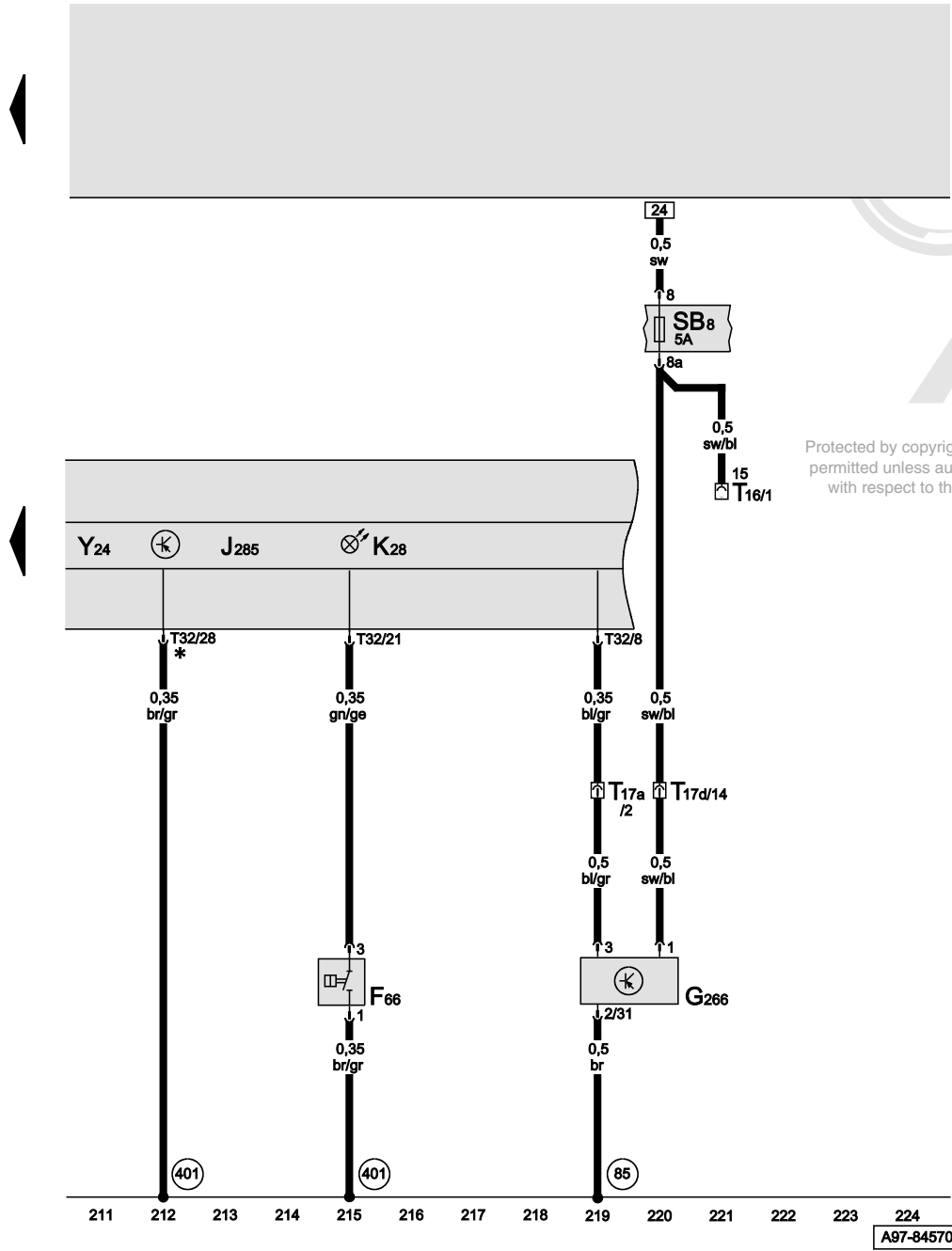
Control unit in dash panel insert, coolant shortage indicator switch, oil level and oil temperature sender, coolant temperature and coolant shortage warning lamp

- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- SB8 Fuse 8 on fuse holder
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

85 Earth connection 1, in engine compartment wiring harness

401 Earth connection (sender earth), in interior wiring harness

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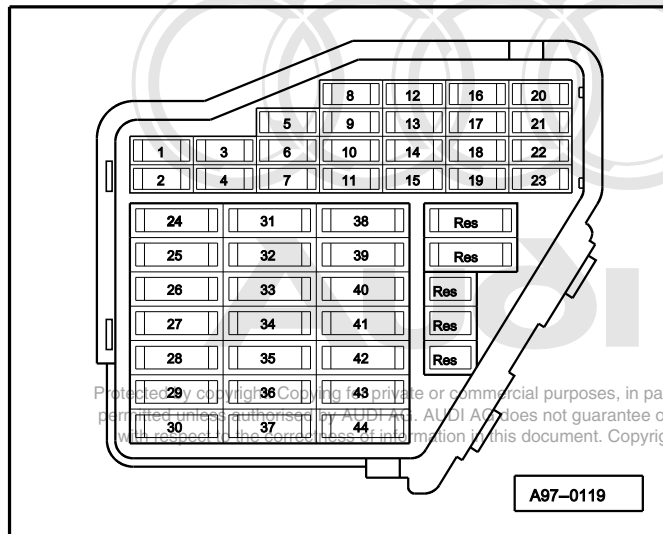
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A97-84570

**Audi A8 4.2 I - Fuel injection engine (246 kW - Motronic - 8-cylinder) engine code BFM, BGK Audi A8 3.7 I - Fuel injection engine (206 kW - Motronic - 8-cylinder) engine code BFL**

from model year 2005

**Fuse holder, left dash panel**



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**Fuse colours**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

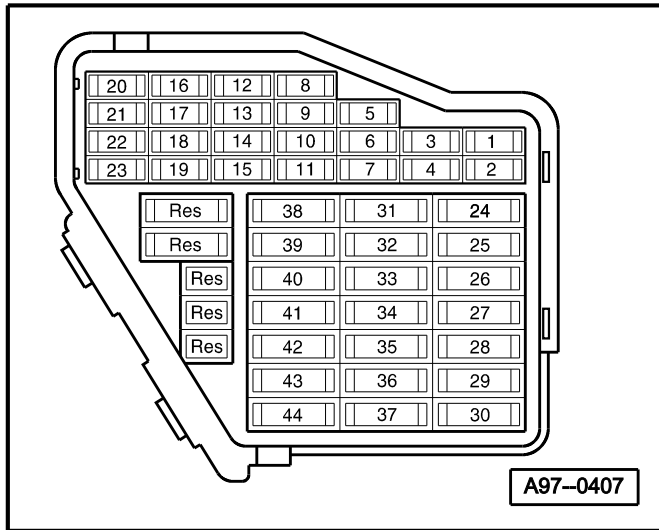
SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

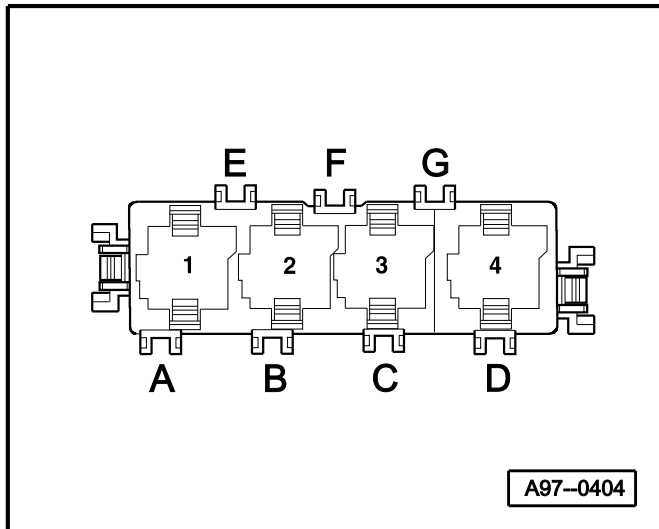
SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

Fuse holder right dash panel



Relay carrier electronics box in plenum chamber



Relay positions

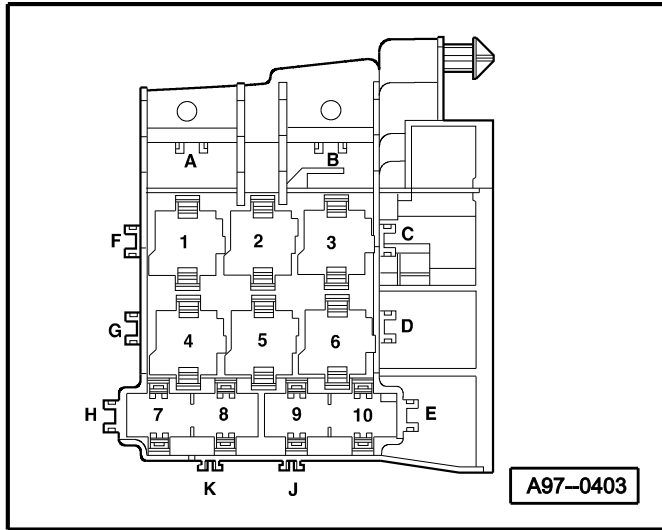
- 1 - Secondary air pump relay (J299)
- 2 - Motronic current supply relay (J271)



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B - Secondary air pump fuse (S130)

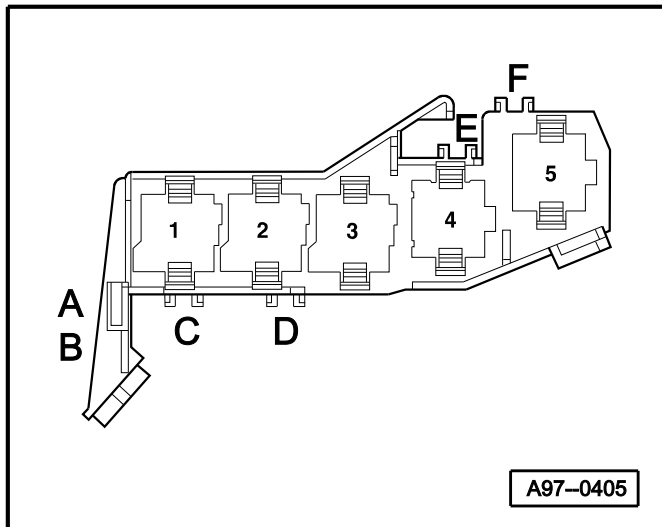
Relay and fuse carrier behind left dash panel



Relay positions

3 - Terminal 15 voltage supply relay (J329)

relay carrier front passenger footwell



Audi

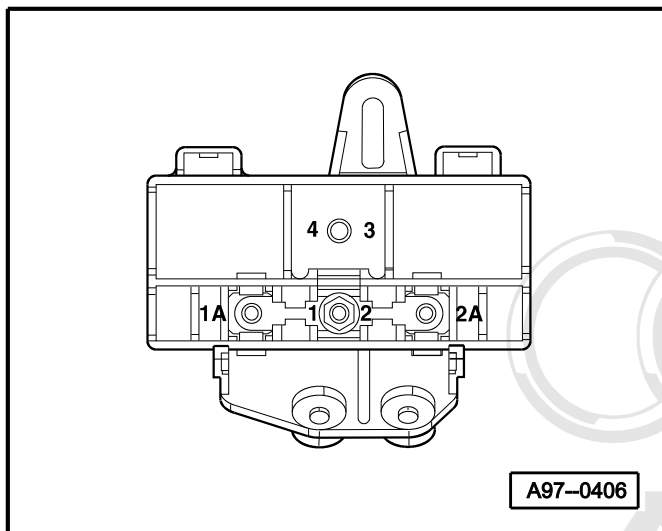
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Relay positions

- 2 - Starter motor relay (J53)
- 3 - Starter motor relay 2 (J695)
- 4 - Fuel pump relay (J17)

**Assignment main fuse carrier right A-pillar**

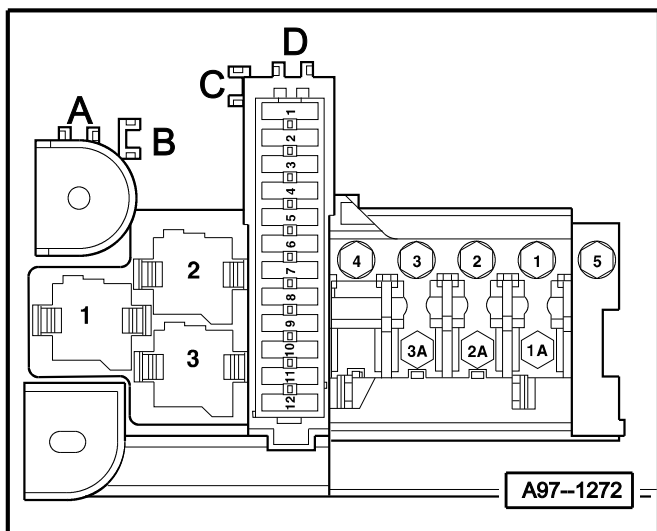


Fuse locations

- 1 - Radiator fan single fuse (S42, 60 A)
- 1A - Radiator fan screw point 1
- 2 - Radiator fan fuse for 2nd speed (S104, 60 A)
- 2A - Radiator fan screw point 2
- 3 - Terminal 30 screw point (battery)
- 4 - Terminal 30 screw point (starter)

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Relay and fuse carrier right in luggage compartment

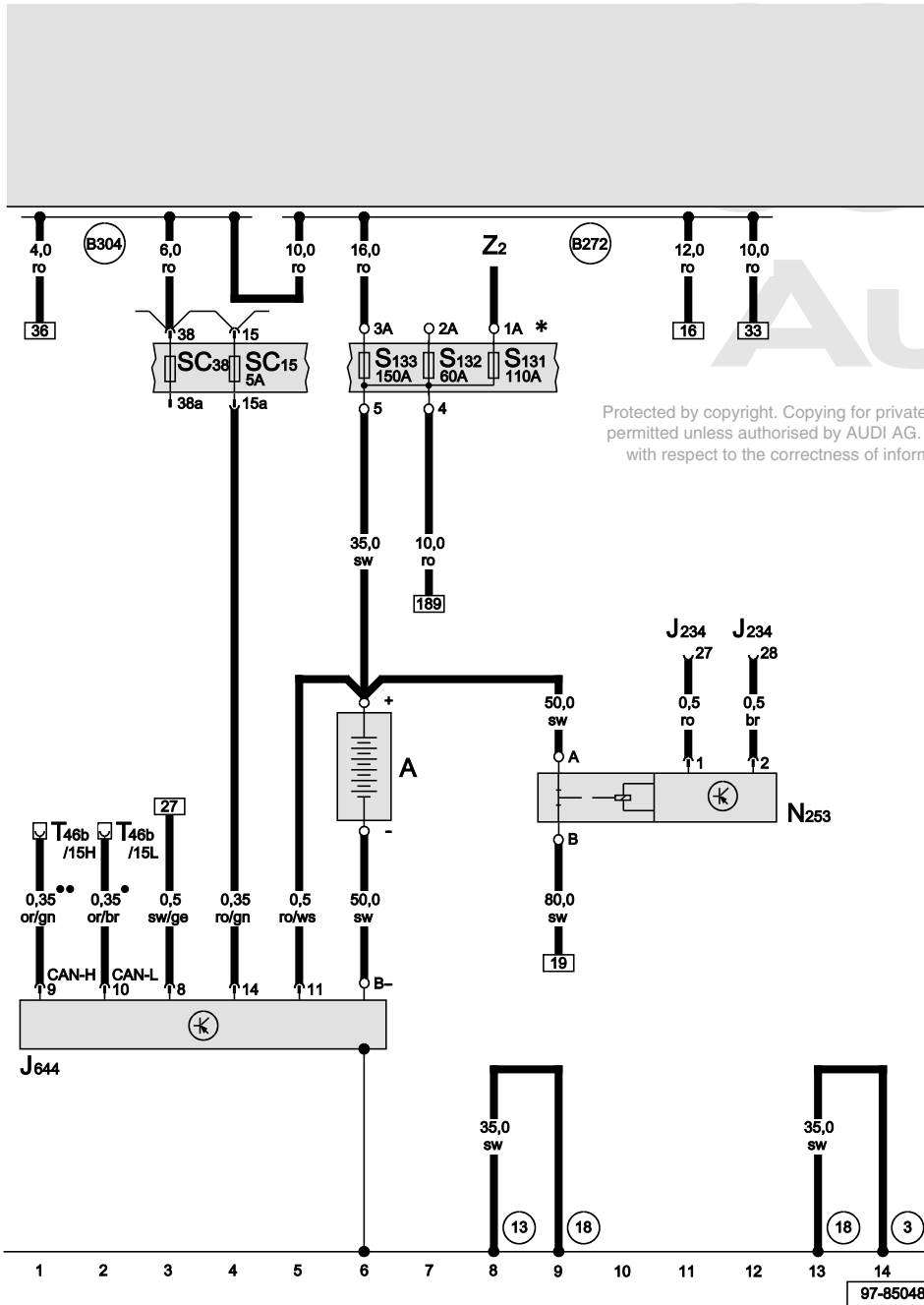


Relay positions

3 - Electric fuel pump 2 relay (J49)



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Battery, energy management control unit, battery isolation igniter

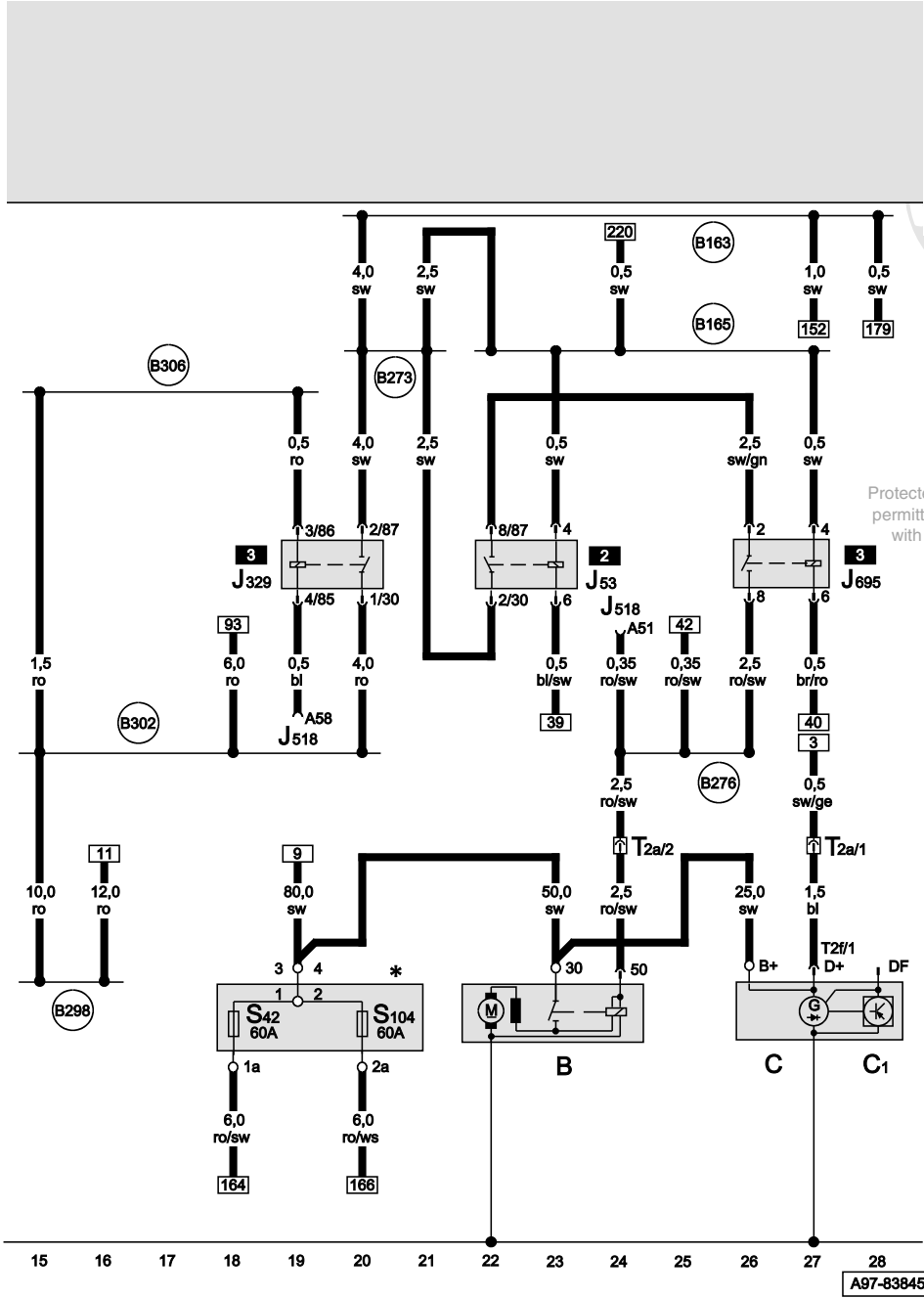
- A Battery
- J234 Airbag control unit
- J644 Energy management control unit
- N253 Battery isolation igniter
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SC15 Fuse 15 on fuse holder
- SC38 Fuse 38 on fuse holder
- T46b 46-pin connector, black, CAN separating connector right
- Z2 Heated windscreens

- 3 Earth strap, engine - body
- 13 Earth point, on right in engine compartment
- 18 Earth point on engine block
- B272 Positive connection (30), in main wiring harness
- B304 Positive connection 8 (30), in main wiring harness
- CAN bus (data wire)
- \* In luggage compartment, rear right

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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
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Starter, alternator, terminal 15 voltage supply relay, starter motor relay



- B Starter
- C Alternator
- C1 Voltage regulator
- J53 Starter motor relay
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J695 Starter motor relay 2
- S42 Radiator fan single fuse
- S104 Radiator fan fuse for 2nd speed
- T2a 2-pin connector, black, in front right engine compartment
- T2f 2-pin connector, black, on alternator

- B163 Positive connection 1 (15), in interior wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B276 Positive connection (50), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B306 Positive connection 10 (30), in main wiring harness
- \* Main fuse carrier right A-pillar

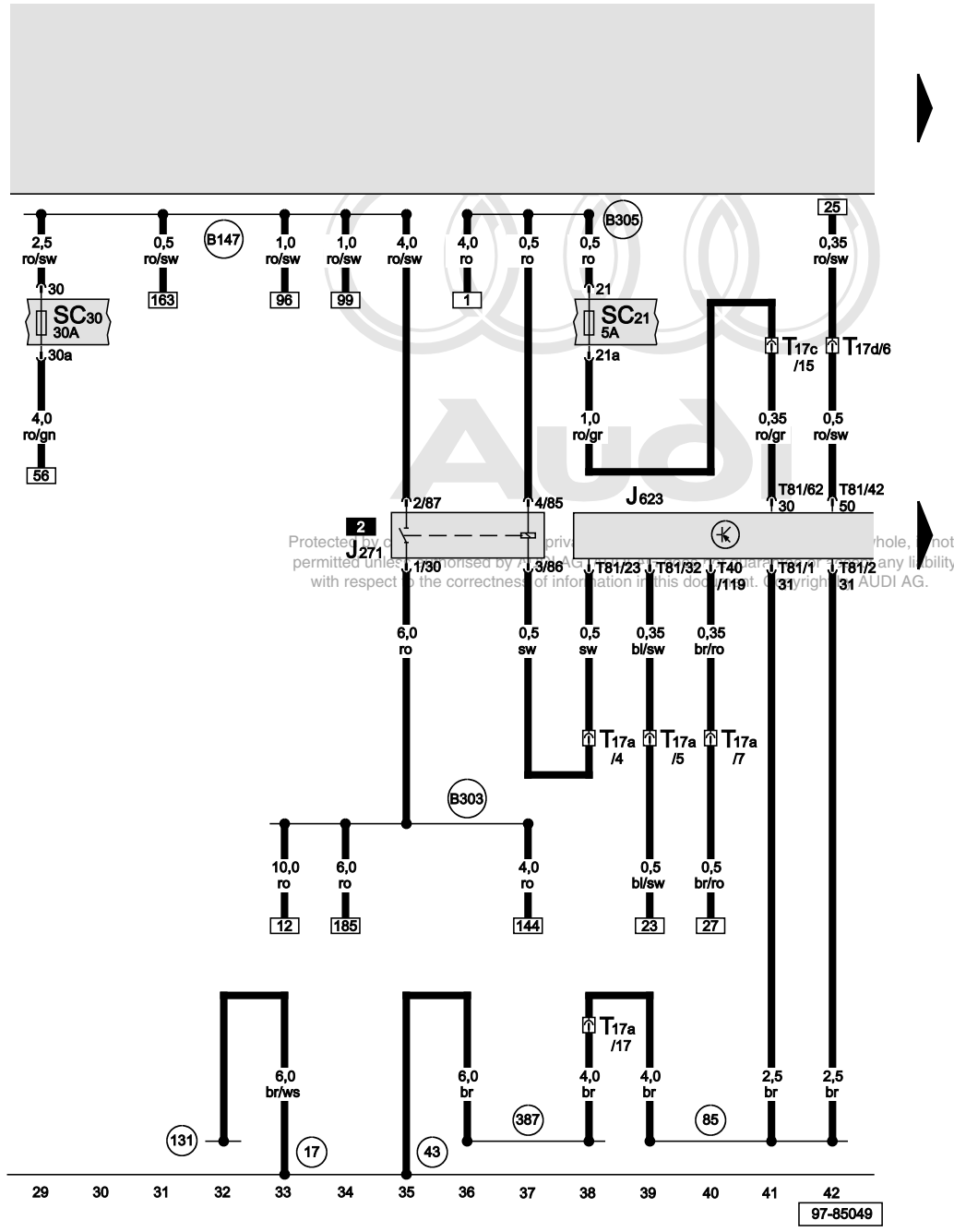
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Engine control unit, Motronic current supply relay

- J271 Motronic current supply relay
- J623 Engine control unit
- SC21 Fuse 21 on fuse holder
- SC30 Fuse 30 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

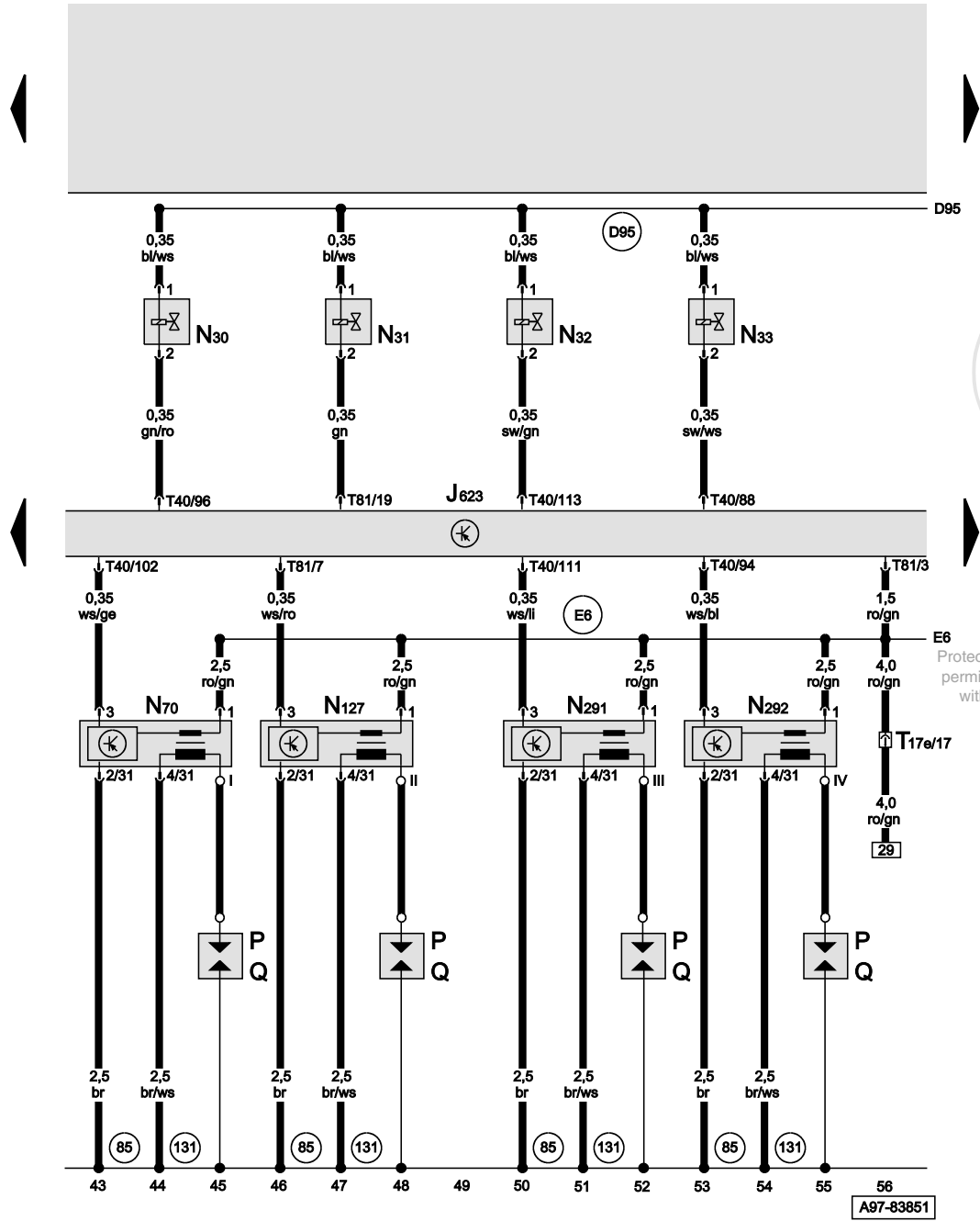
- 17 Earth point, on intake manifold
- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness
- B147 Positive connection 2 (87), in interior wiring harness
- B303 Positive connection 7 (30), in main wiring harness
- B305 Positive connection 9 (30), in main wiring harness



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Engine control unit, ignition coils, injectors for cylinders 1 - 4

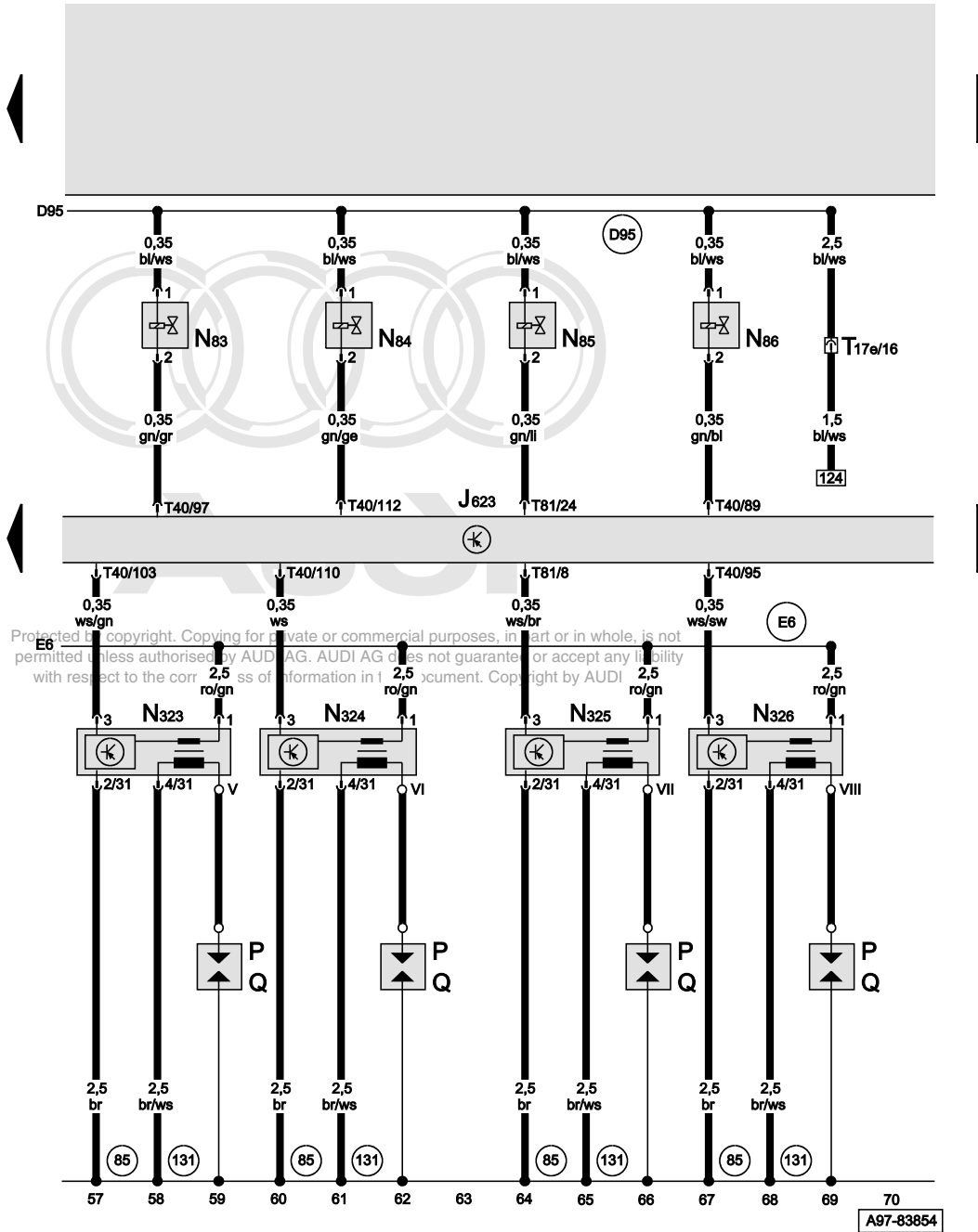
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D95 Connection (injectors), in engine compartment wiring harness
- E6 Positive connection 1 (15), in Motronic wiring harness



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Engine control unit, ignition coils, injectors for cylinders 5-8

- J623 Engine control unit
- N83 Injector, cylinder 5
- N84 Injector, cylinder 6
- N85 Injector, cylinder 7
- N86 Injector, cylinder 8
- N323 Ignition coil 5 with output stage
- N324 Ignition coil 6 with output stage
- N325 Ignition coil 7 with output stage
- N326 Ignition coil 8 with output stage
- P Spark plug connector
- Q Spark plugs
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- (85) Earth connection 1, in engine compartment wiring harness
- (131) Earth connection 2, in engine compartment wiring harness
- (D95) Connection (injectors), in engine compartment wiring harness
- (E6) Positive connection 1 (15), in Motronic wiring harness



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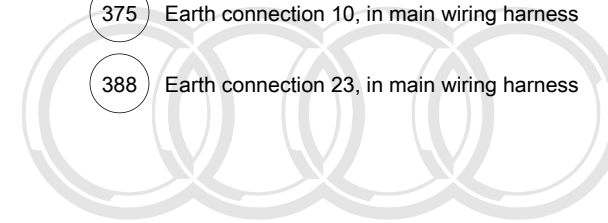
Engine control unit, throttle valve module, accelerator position sender, kickdown switch

- E45 Cruise control system switch
- F8 Kick-down switch
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J527 Steering column electronics control unit
- J623 Engine control unit
- T16a 16-pin connector, on steering column electronics control unit
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

44 Earth point, lower part of left A-pillar

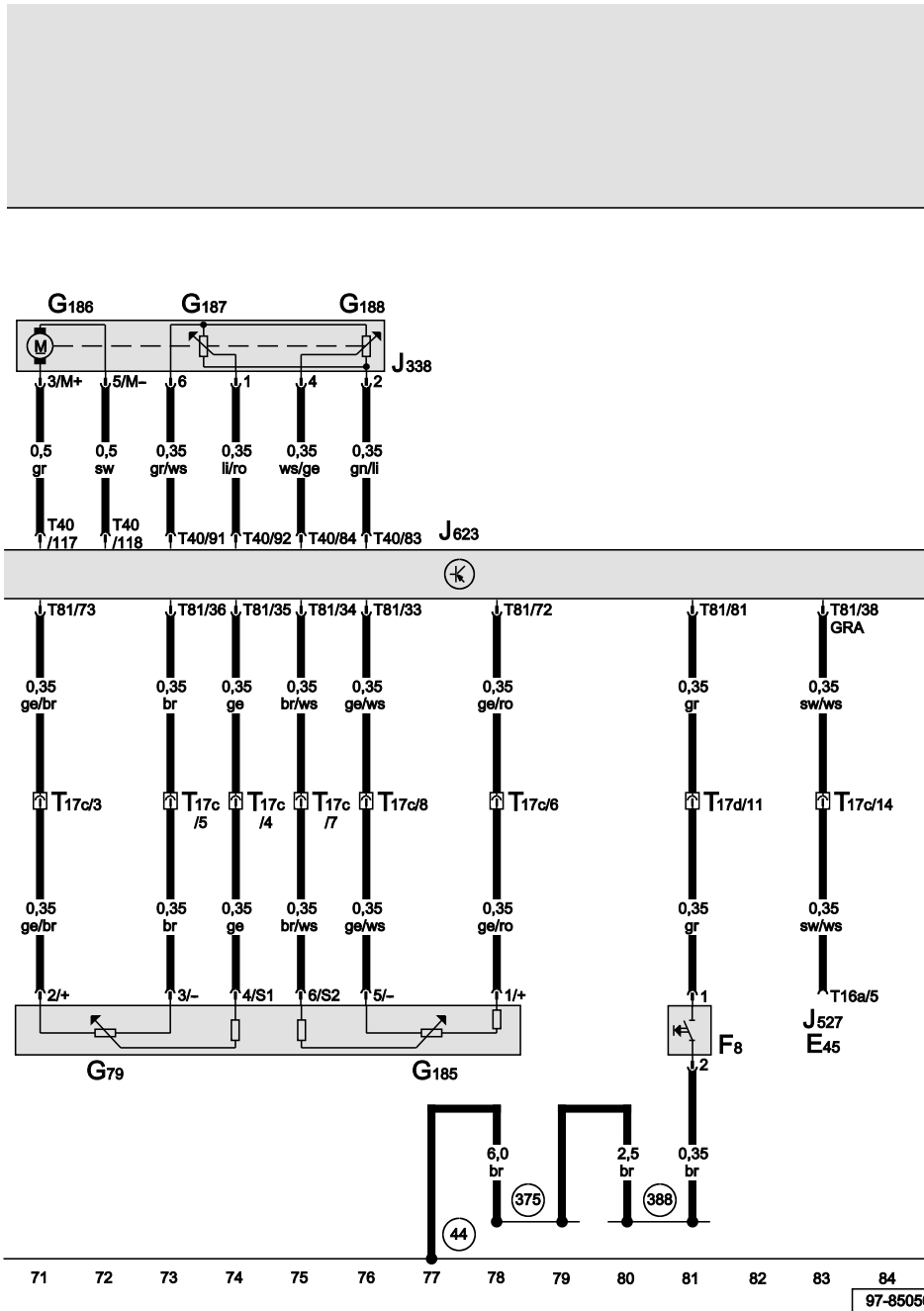
375 Earth connection 10, in main wiring harness

388 Earth connection 23, in main wiring harness



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97-85050



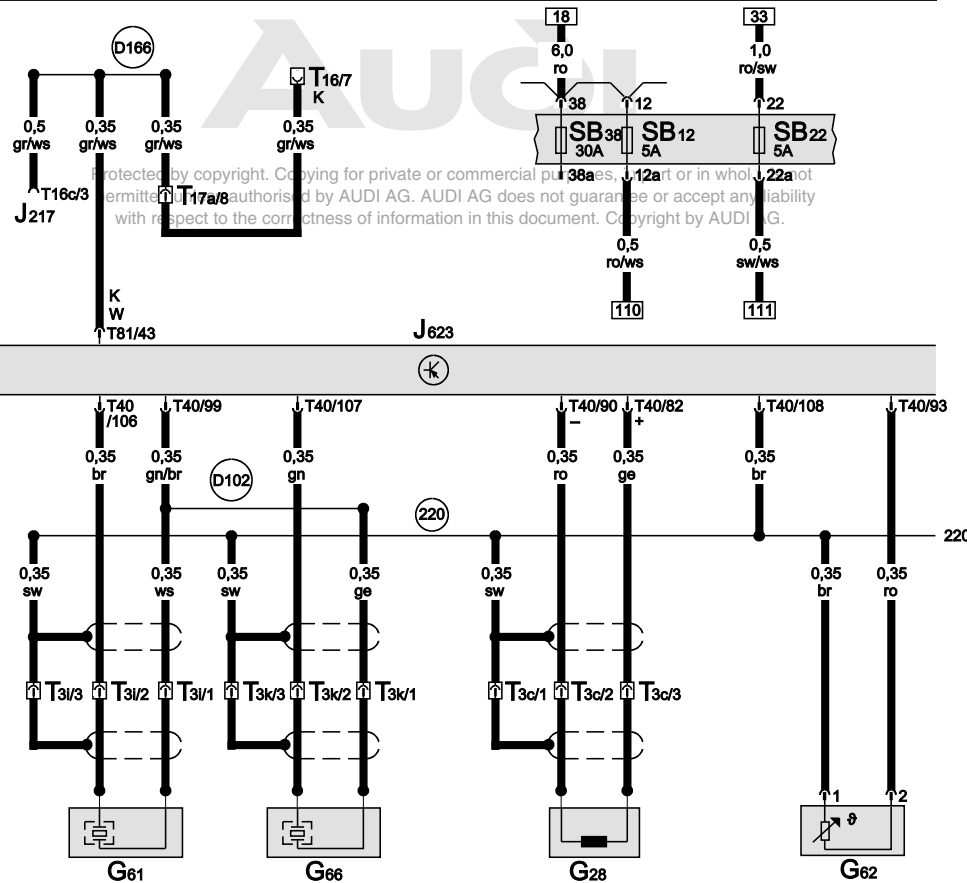
Engine control unit, knock sensor 1, engine speed sender, coolant temperature sender

- G28 Engine speed sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G66 Knock sensor 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- SB12 Fuse 12 on fuse holder
- SB22 Fuse 22 on fuse holder
- SB38 Fuse 38 on fuse holder
- T3c 3-pin connector, grey, on engine speed sender
- T3i 3-pin connector, black, on knock sensor 1
- T3k 3-pin connector, brown, on knock sensor 2
- T16 16-pin connector, black, diagnostic connection
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

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

D102 Connection 2, in engine compartment wiring harness

D166 Connection (K-diagnosis wiring), in engine compartment wiring harness



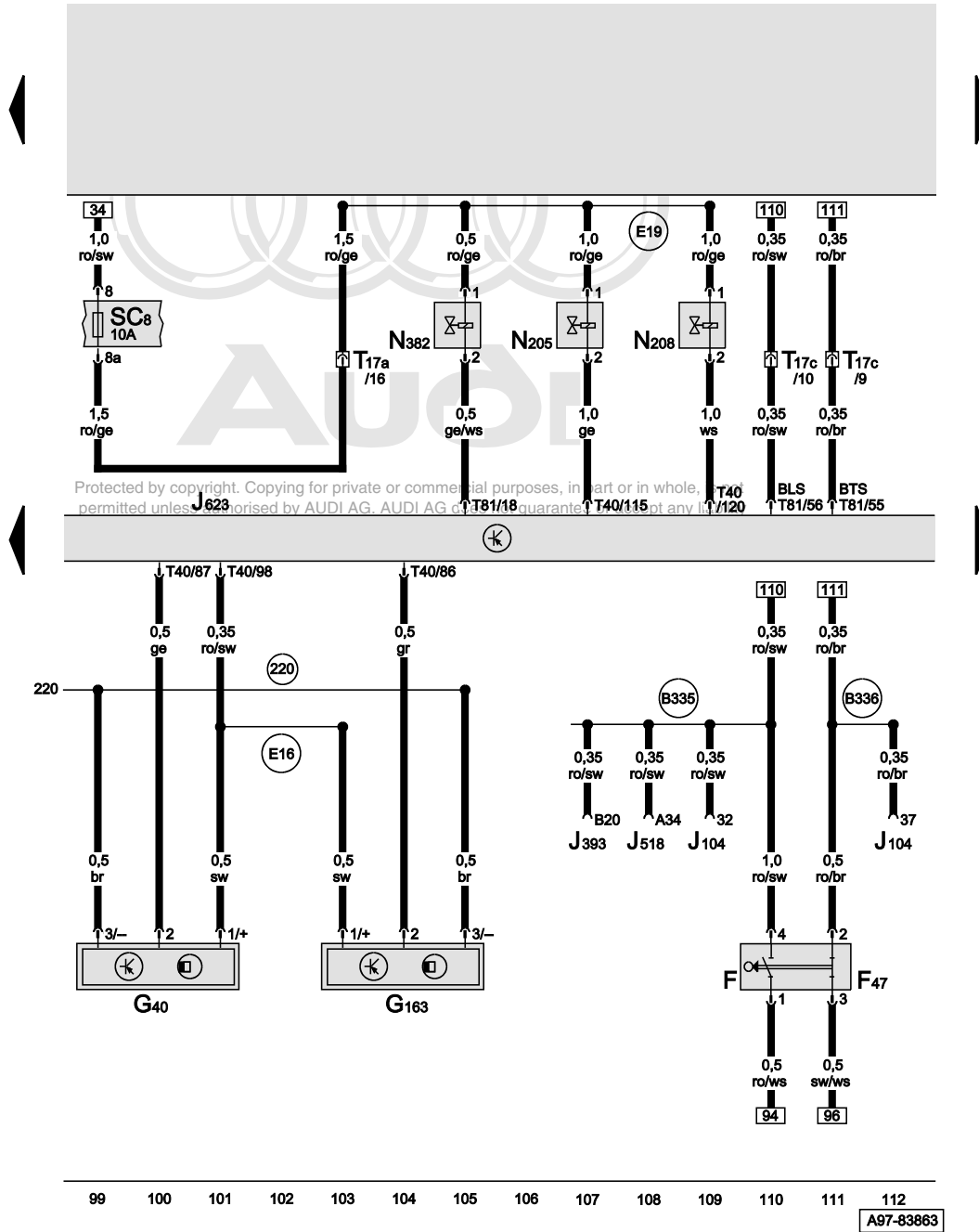
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Engine control unit, inlet camshaft control valve 1, Hall sender, brake light switch, torque rod valve

- F Brake light switch
- F47 Brake pedal switch
- G40 Hall sender
- G163 Hall sender 2
- J104 ABS control unit
- J393 Convenience system central control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- N205 Inlet camshaft control valve 1
- N208 Inlet camshaft control valve 2
- N382 Torque rod valve
- SC8 Fuse 8 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

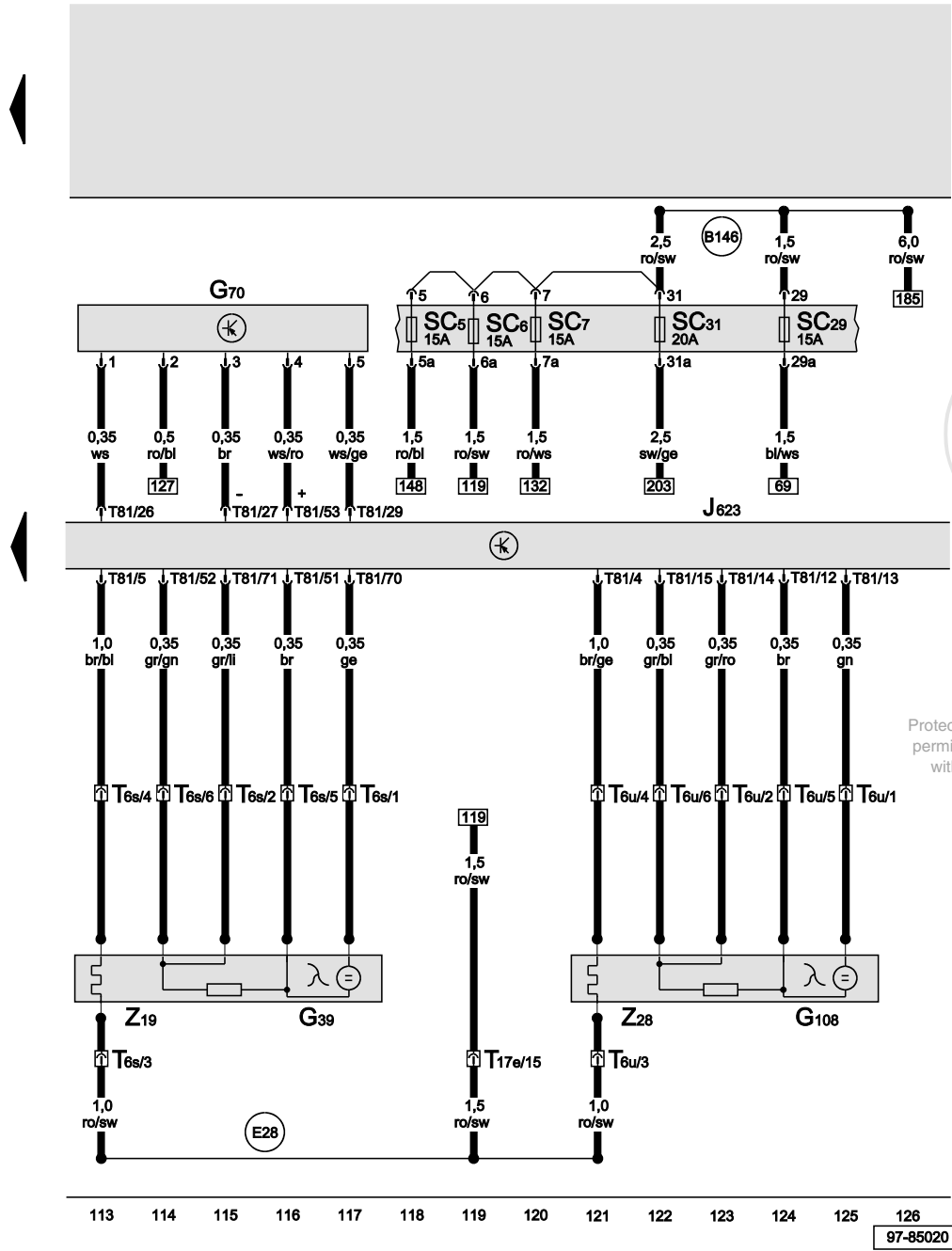
- (220) Earth connection (sender earth), in engine wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B336) Connection 2 (54), in main wiring harness
- (E16) Positive connection (5 volts), in Motronic wiring harness
- (E19) Connection 4, in Motronic wiring harness

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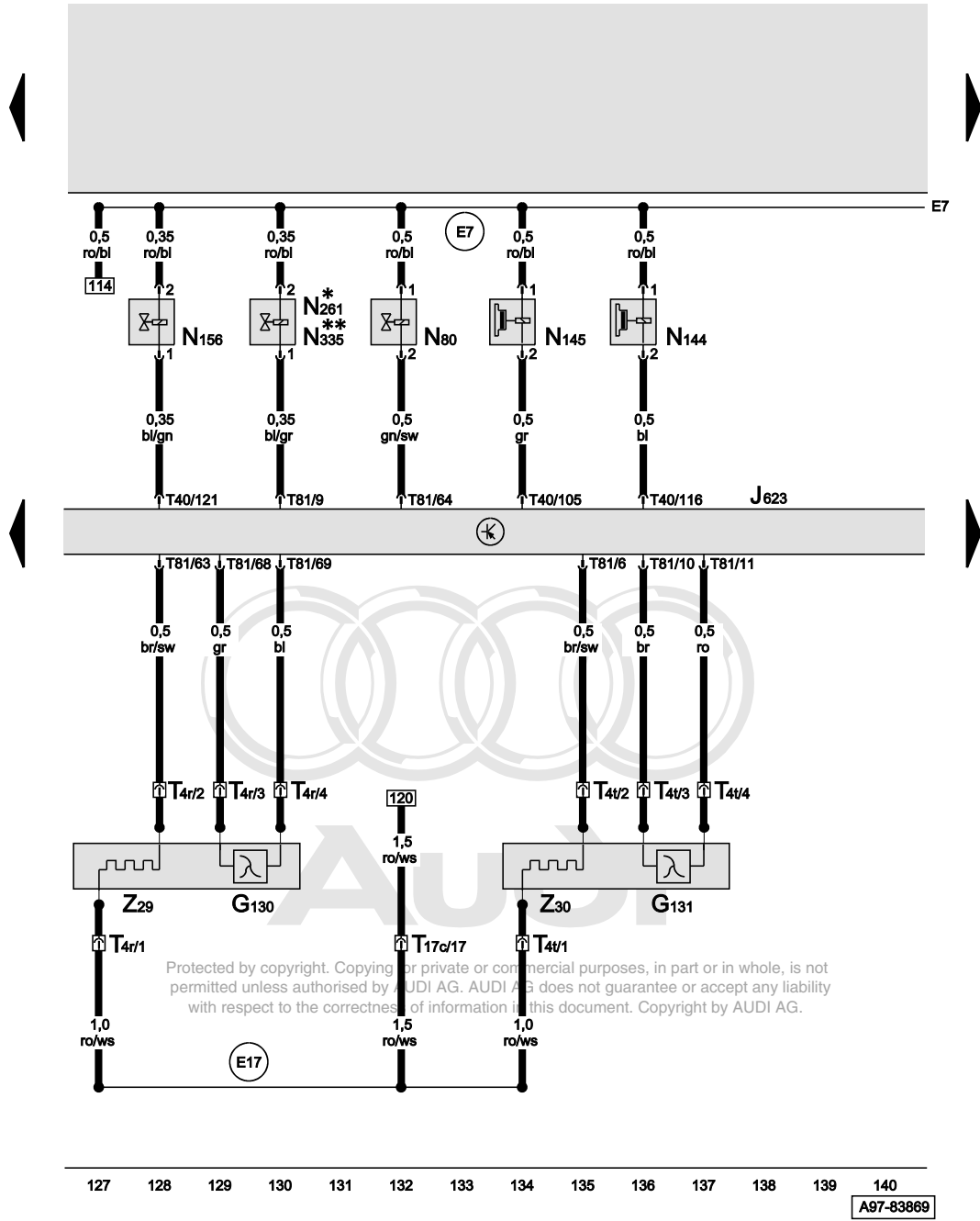
Engine control unit, air mass meter, lambda probe, lambda probe 2

- G39 Lambda probe
- G70 Air mass meter
- G108 Lambda probe 2
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder
- SC6 Fuse 6 on fuse holder
- SC7 Fuse 7 on fuse holder
- SC29 Fuse 29 on fuse holder
- SC31 Fuse 31 on fuse holder
- T6s 6-pin connector, black, for lambda probe
- T6u 6-pin connector, brown, for lambda probe 2
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- Z19 Lambda probe heater
- Z28 Lambda probe 2 heater
- B146 Positive connection 1 (87), in interior wiring harness
- E28 Connection (lambda probe heating), in Motronic wiring harness



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Engine control unit, variable intake manifold change-over valve, variable intake manifold change-over valve 2, variable intake manifold change-over valve, active charcoal filter system solenoid valve 1, left electrohydraulic engine mounting solenoid valve, Lambda probe after catalytic converter

- G130 Lambda probe after catalytic converter
  - G131 Lambda probe 2 after catalytic converter
  - J623 Engine control unit
  - N80 Activated charcoal filter system solenoid valve 1
  - N144 Left electrohydraulic engine mounting solenoid valve
  - N145 Right electrohydraulic engine mounting solenoid valve
  - N156 Variable intake manifold change-over valve
  - N261 Variable intake manifold change-over valve 2
  - N335 Variable intake manifold change-over valve
  - T4r 4-pin connector, black, for lambda probe 1 after catalytic converter
  - T4t 4-pin connector, brown, for lambda probe 2 after catalytic converter
  - T17c 17-pin connector, brown, in electronics box in plenum chamber
  - T40 40-pin connector, black, on engine control unit
  - T81 81-pin connector, black, on engine control unit
  - Z29 Lambda probe 1 heater after catalytic converter
  - Z30 Lambda probe 2 heater after catalytic converter
- E7 Connection (87a), in Motronic wiring harness
- E17 Connection 2, in Motronic wiring harness
- \* 3.7 l engine  
\*\* 4.2 l engine

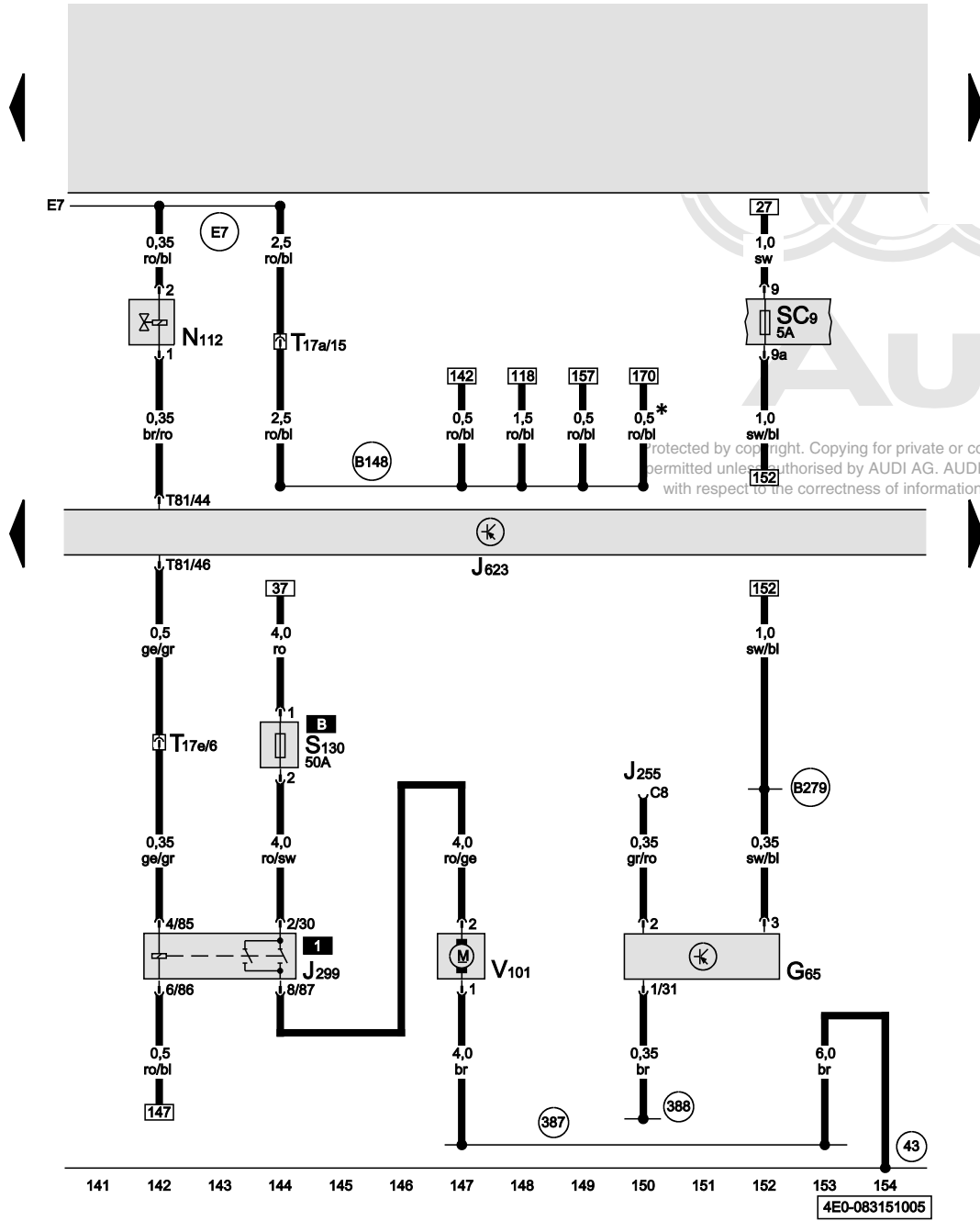
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Engine control unit, secondary air pump relay, secondary air pump motor, high pressure sender, secondary air inlet valve

- G65 High pressure sender
- J255 Climatronic control unit
- J299 Secondary air pump relay
- J623 Engine control unit
- N112 Secondary air inlet valve
- S130 Secondary air pump fuse
- SC9 Fuse 9 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- V101 Secondary air pump motor

- 43 Earth point, lower part of right A-pillar
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B148 Positive connection 3 (87), in interior wiring harness
- B279 Positive connection 3 (15a), in main wiring harness
- E7 Connection (87a), in Motronic wiring harness

\* only USA



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Engine control unit, radiator fan, radiator fan 2, fuel system diagnostic pump

- J217 Automatic gearbox control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- SC17 Fuse 17 on fuse holder
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- V7 Radiator fan
- V144 Fuel system diagnostic pump
- V177 Radiator fan 2

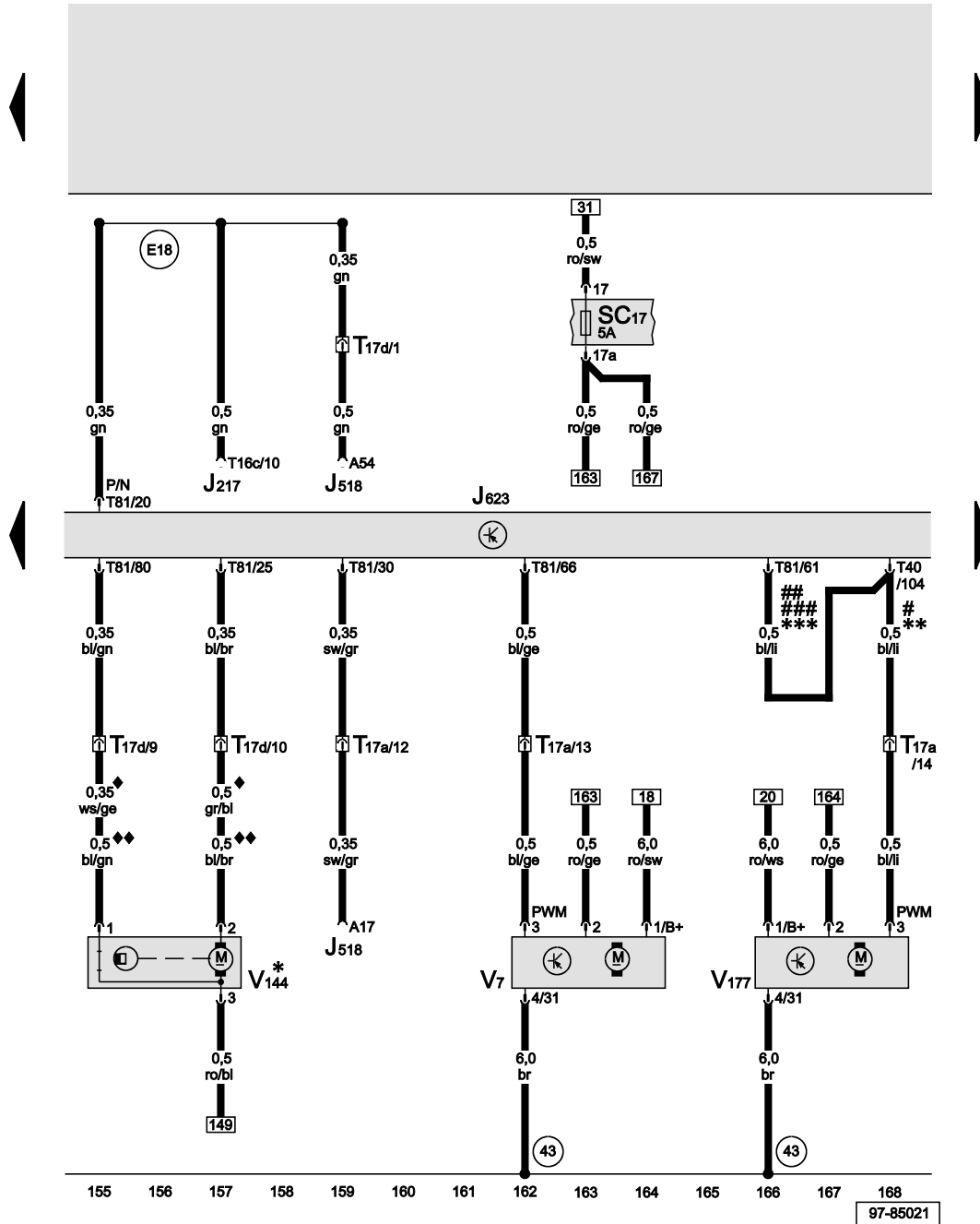
43 Earth point, lower part of right A-pillar

E18 Connection 3, in Motronic wiring harness

- \* models with fuel system diagnostic pump
- \*\* countries with hot climate
- \*\*\* without countries with hot climate
- # models with trailer towing attachment
- ## models without trailer towing attachment
- ### only 3.7 l engine BFL
- ◆ up to model year 2005
- ◆◆ from model year 2006



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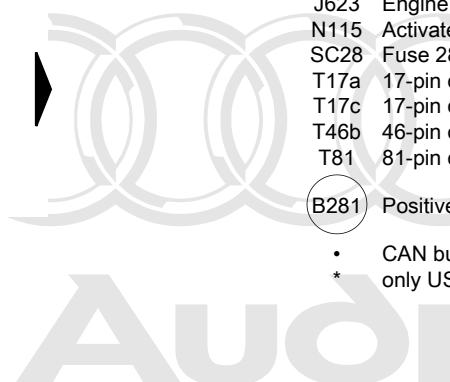
97-85021

**Engine control unit, fuse**

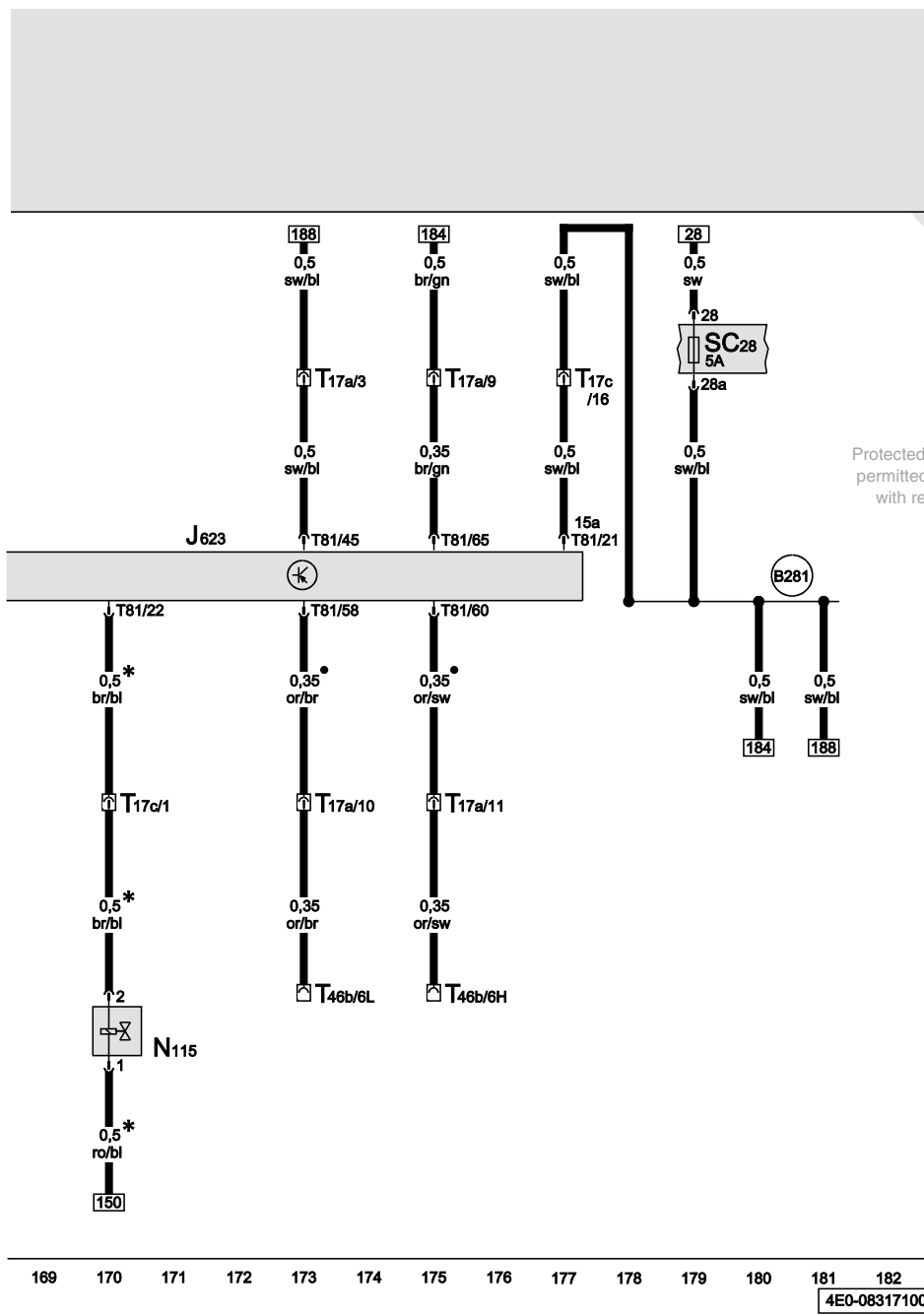
- J623 Engine control unit
- N115 Activated charcoal filter system solenoid valve 2
- SC28 Fuse 28 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T46b 46-pin connector, black, CAN separating connector right
- T81 81-pin connector, black, on engine control unit

(B281) Positive connection 5 (15a), in main wiring harness

- CAN bus (data wire)
- \* only USA



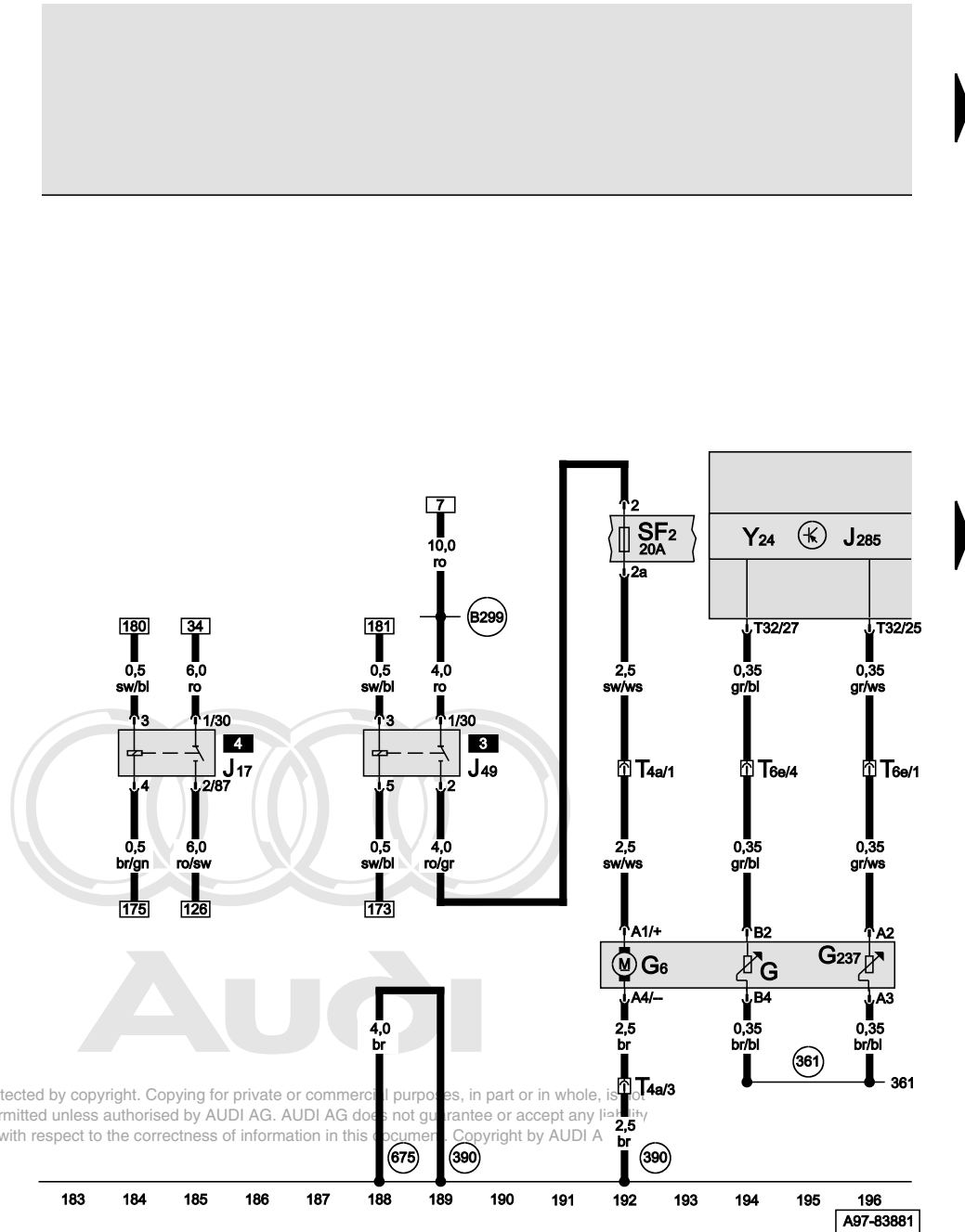
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Fuel pump relay, electric fuel pump 2 relay, fuel system pressurisation pump, fuel gauge sender, control unit in dash panel insert

- G Fuel gauge sender
  - G6 Fuel system pressurisation pump
  - G237 Fuel gauge sender 3
  - J17 Fuel pump relay
  - J49 Electric fuel pump 2 relay
  - J285 Control unit in dash panel insert
  - SF2 Fuse 2 on fuse holder
  - T4a 4-pin connector, under right cover on vehicle floor
  - T6e 6-pin connector, under right cover on vehicle floor
  - T32 32-pin connector, blue, on dash panel insert
  - Y24 Display in dash panel insert
- (361) Earth connection (fuel gauge sender), in main wiring harness
  - (390) Earth connection 25, in main wiring harness
  - (675) Earth point 2, on right in luggage compartment
  - (B299) Positive connection 3 (30), in main wiring harness



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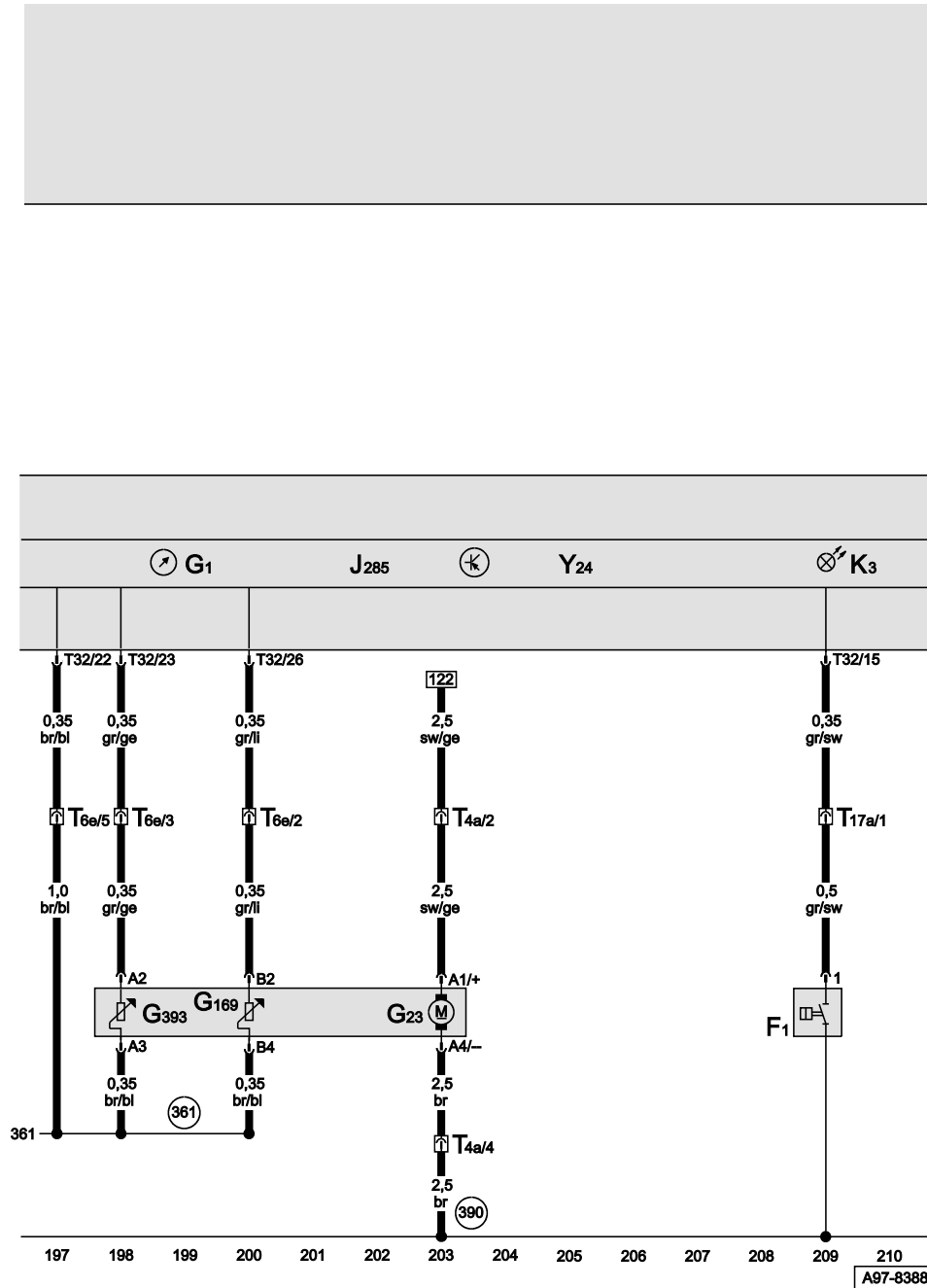
Control unit in dash panel insert, fuel gauge, fuel pump, fuel gauge sender, oil pressure warning lamp

- F1 Oil pressure switch
- G1 Fuel gauge
- G23 Fuel pump
- G169 Fuel gauge sender 2
- G393 Fuel gauge sender 4
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

361 Earth connection (fuel gauge sender), in main wiring harness

390 Earth connection 25, in main wiring harness

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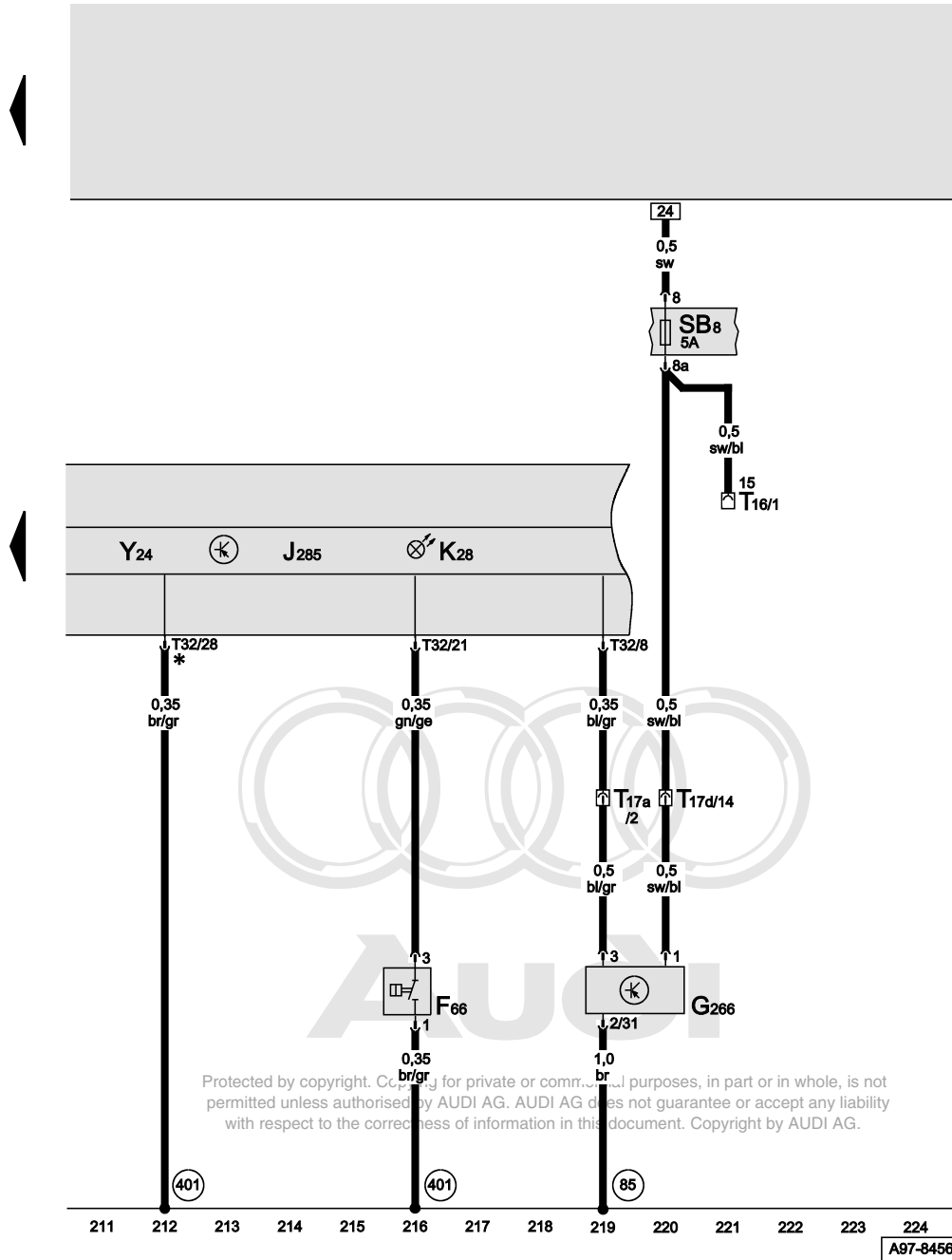
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A97-83884

Control unit in dash panel insert, coolant shortage indicator switch, oil level and oil temperature sender

- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- SB8 Fuse 8 on fuse holder
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 85 Earth connection 1, in engine compartment wiring harness
- 401 Earth connection (sender earth), in interior wiring harness
- \* Output sender earth



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A97-84566

## Audi A8 6.0 I - Fuel injection engine (331 kW - Motronic - 12-cylinder) engine codes BHT, BSB from model year 2005

### Notes:

For information concerning

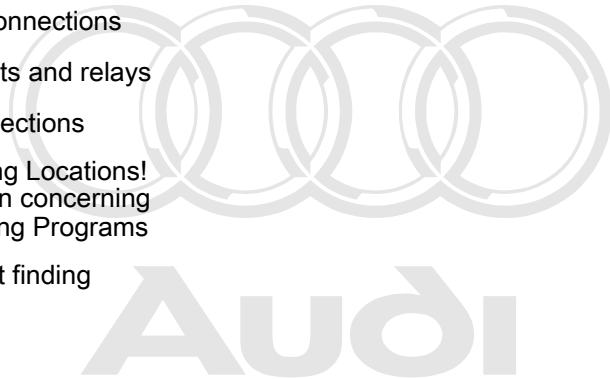
- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

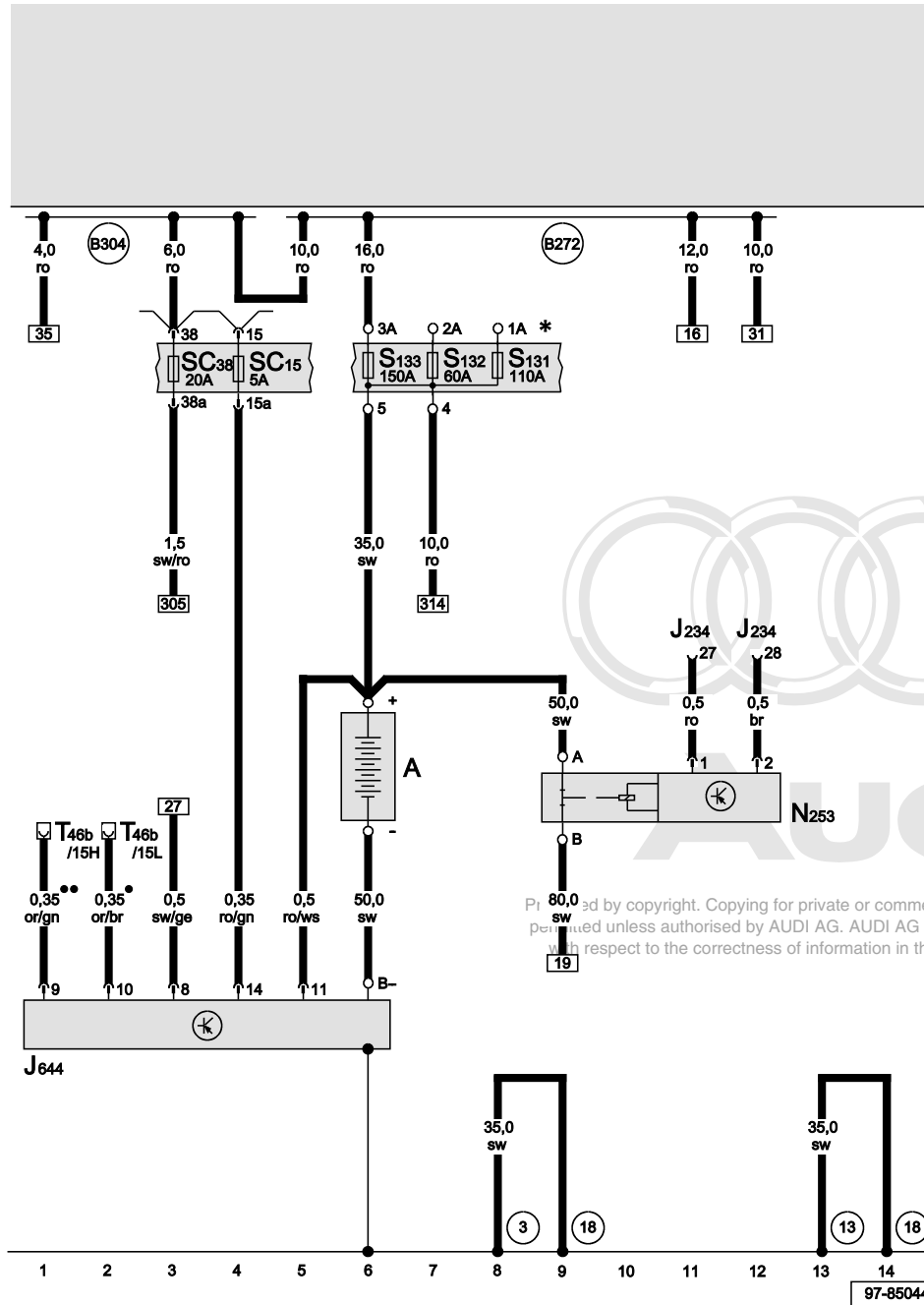
⇒ guided fault finding



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Battery, energy management control unit, battery isolation igniter, fuses

- A Battery
  - J234 Airbag control unit
  - J644 Energy management control unit
  - N253 Battery isolation igniter
  - S131 Fuse 1
  - S132 Fuse 2
  - S133 Fuse 3
  - SC15 Fuse 15 on fuse holder C
  - SC38 Fuse 38 on fuse holder C
  - T46b 46-pin connector, black, CAN bus separating connector right
- 3 Earth strap, engine - body
  - 13 Earth point, on right in engine compartment
  - 18 Earth point on engine block
  - B272 Positive connection (30), in main wiring harness
  - B304 Positive connection 8 (30), in main wiring harness
- CAN bus (data wire)
  - \* In luggage compartment, rear right



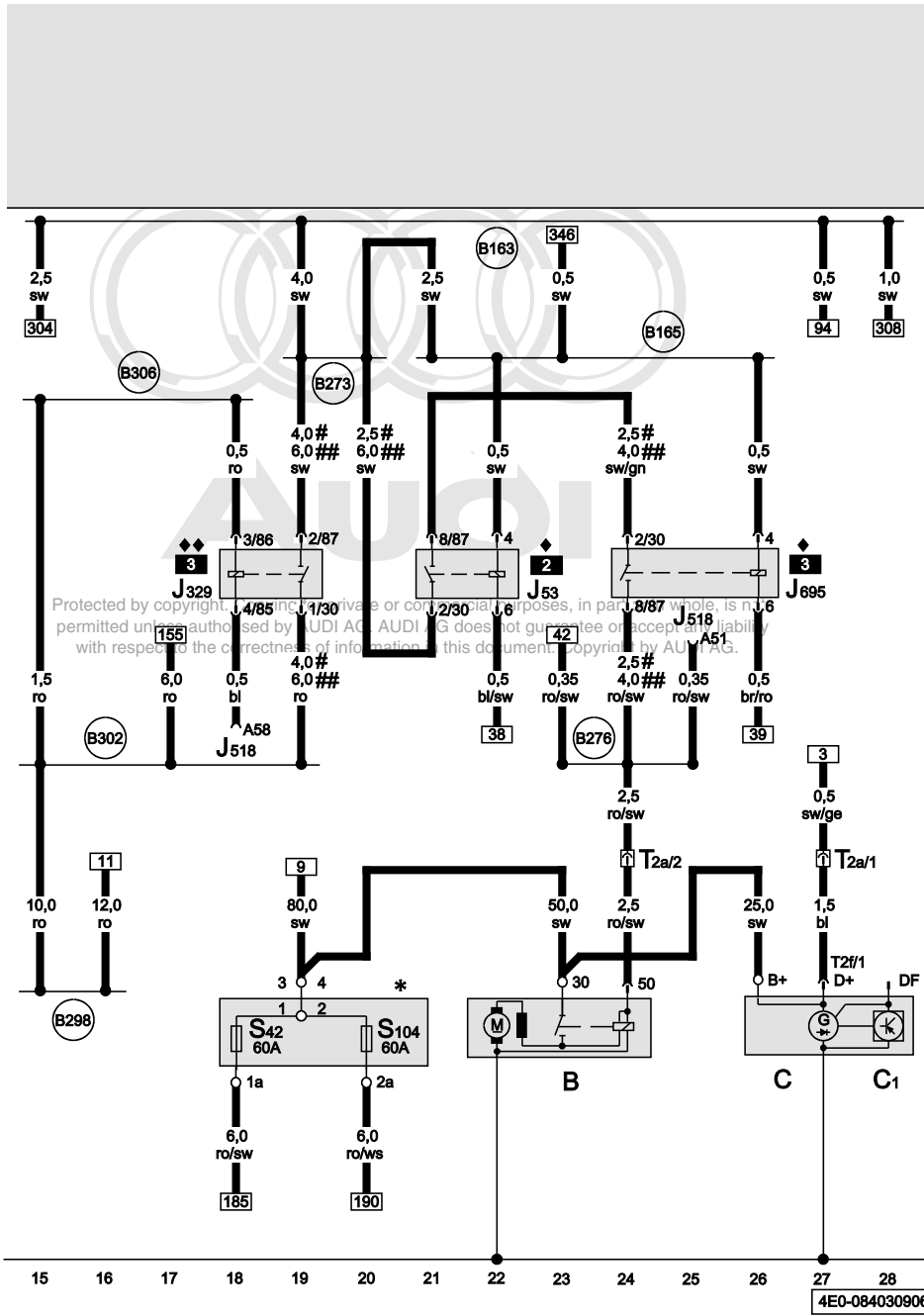
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Starter, alternator, terminal 15 voltage supply relay, starter motor relay

- B Starter
- C Alternator
- C1 Voltage regulator
- J53 Starter motor relay
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J695 Starter motor relay 2
- S42 Radiator fan single fuse
- S104 Radiator fan fuse for 2nd speed
- T2a 2-pin connector, black, in front right engine compartment
- T2f 2-pin connector, black, on alternator

- B163 Positive connection 1 (15), in interior wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B276 Positive connection (50), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B306 Positive connection 10 (30), in main wiring harness
- \* Main fuse carrier right A-pillar
- # up to April 2006
- ## from May 2006
- ◆ relay carrier front passenger footwell
- ◆◆ Relay and fuse carrier behind left dash panel



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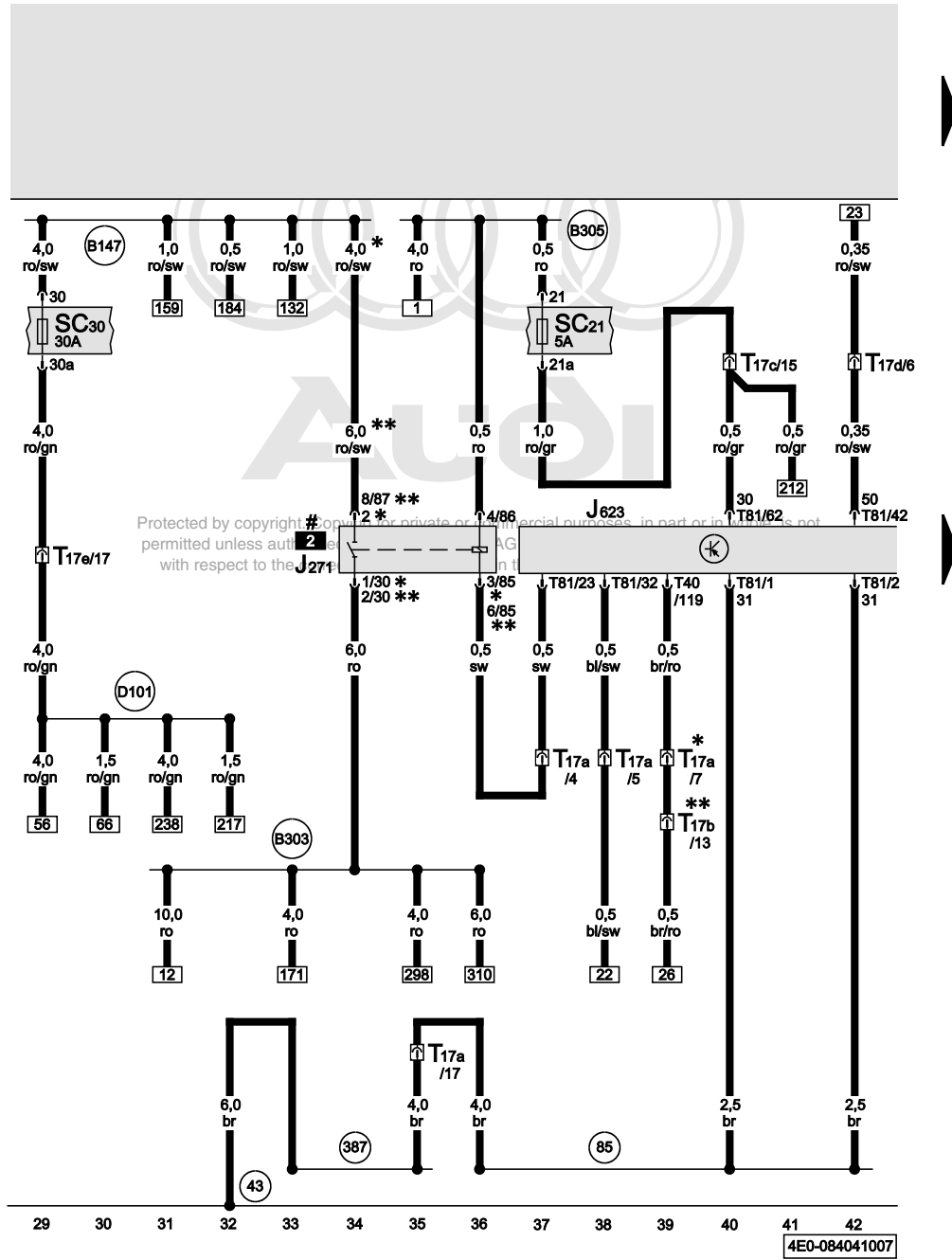
Engine control unit, Motronic current supply relay

- J271 Motronic current supply relay
- J623 Engine control unit
- SC21 Fuse 21 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness
- B147 Positive connection 2 (87), in interior wiring harness
- B303 Positive connection 7 (30), in main wiring harness
- B305 Positive connection 9 (30), in main wiring harness
- D101 Connection 1, in engine compartment wiring harness

- \* up to August 2007
- \*\* from September 2007
- # Relay carrier electronics box in plenum chamber

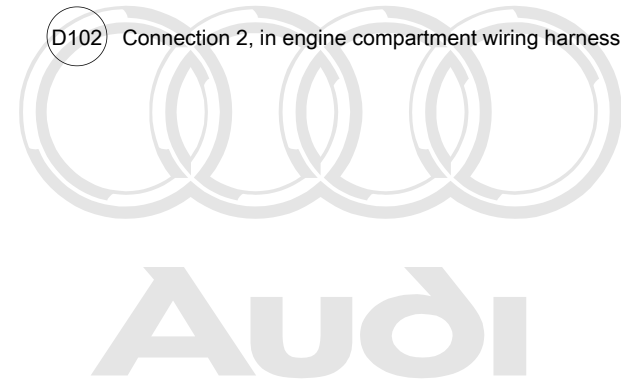
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Engine control unit, ignition coils 1 - 4 with output stage, injector, cylinder 1 - 4

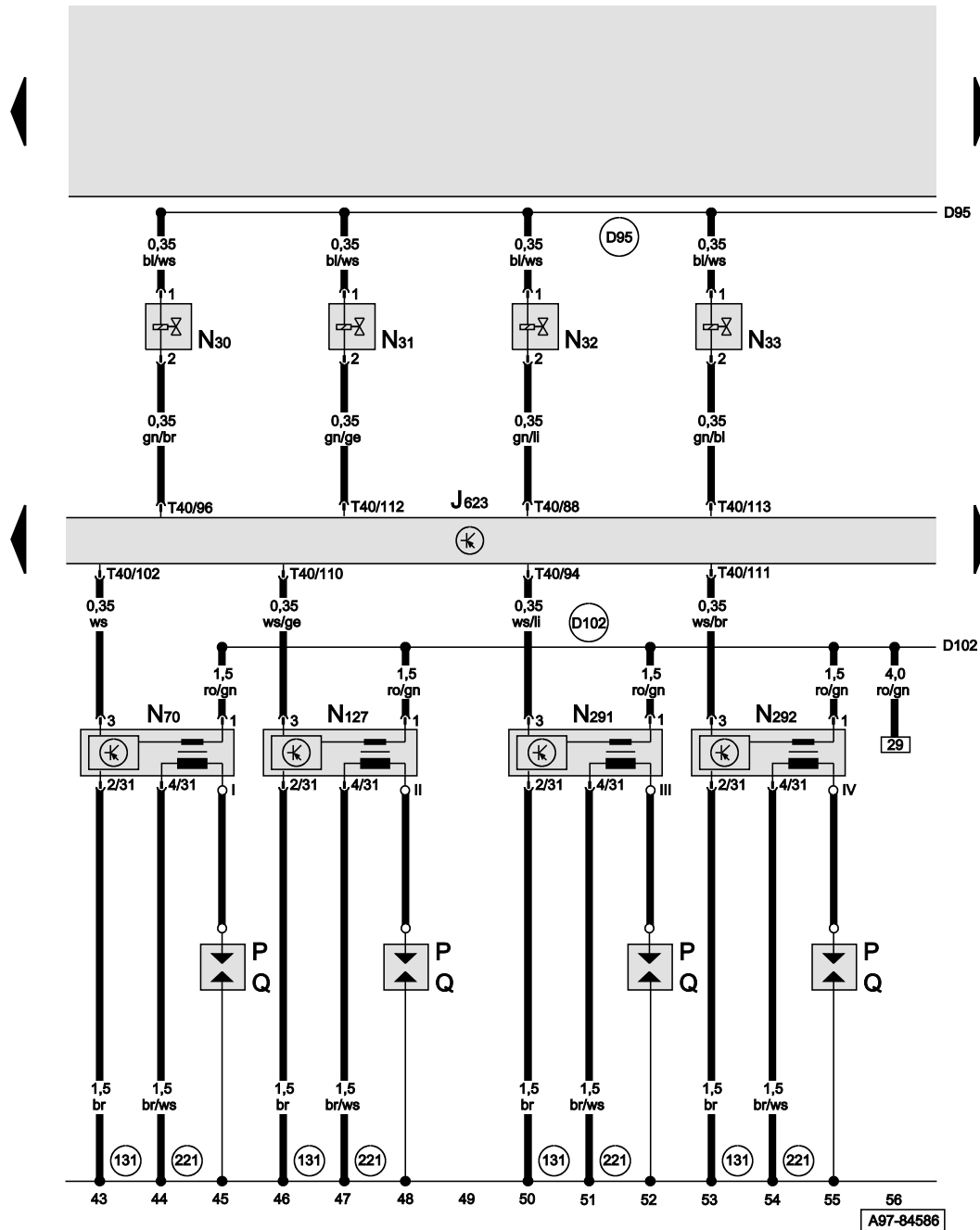
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T40 40-pin connector, black, on engine control unit

- (131) Earth connection 2, in engine compartment wiring harness
- (221) Earth connection (engine earth), in engine wiring harness
- (D95) Connection (injectors), in engine compartment wiring harness
- (D102) Connection 2, in engine compartment wiring harness



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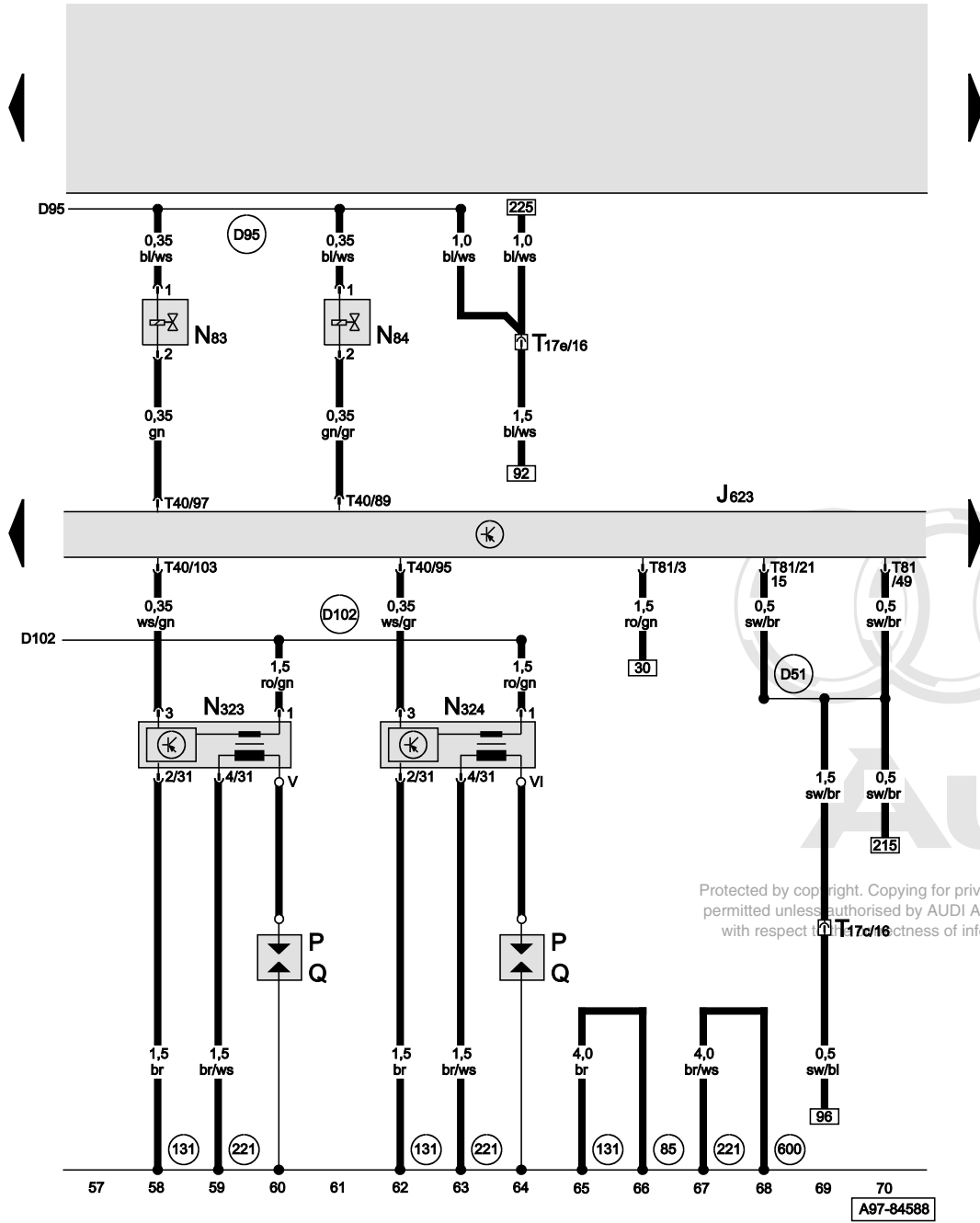


A97-84586

Engine control unit, ignition coils 5 and 6 with output stage, injectors cylinder 5 and 6

- J623 Engine control unit
- N83 Injector, cylinder 5
- N84 Injector, cylinder 6
- N323 Ignition coil 5 with output stage
- N324 Ignition coil 6 with output stage
- P Spark plug connector
- Q Spark plugs
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 221 Earth connection (engine earth), in engine wiring harness
- 600 Earth point, on right of cylinder head
- D51 Positive connection 1 (15), in engine compartment wiring harness
- D95 Connection (injectors), in engine compartment wiring harness
- D102 Connection 2, in engine compartment wiring harness



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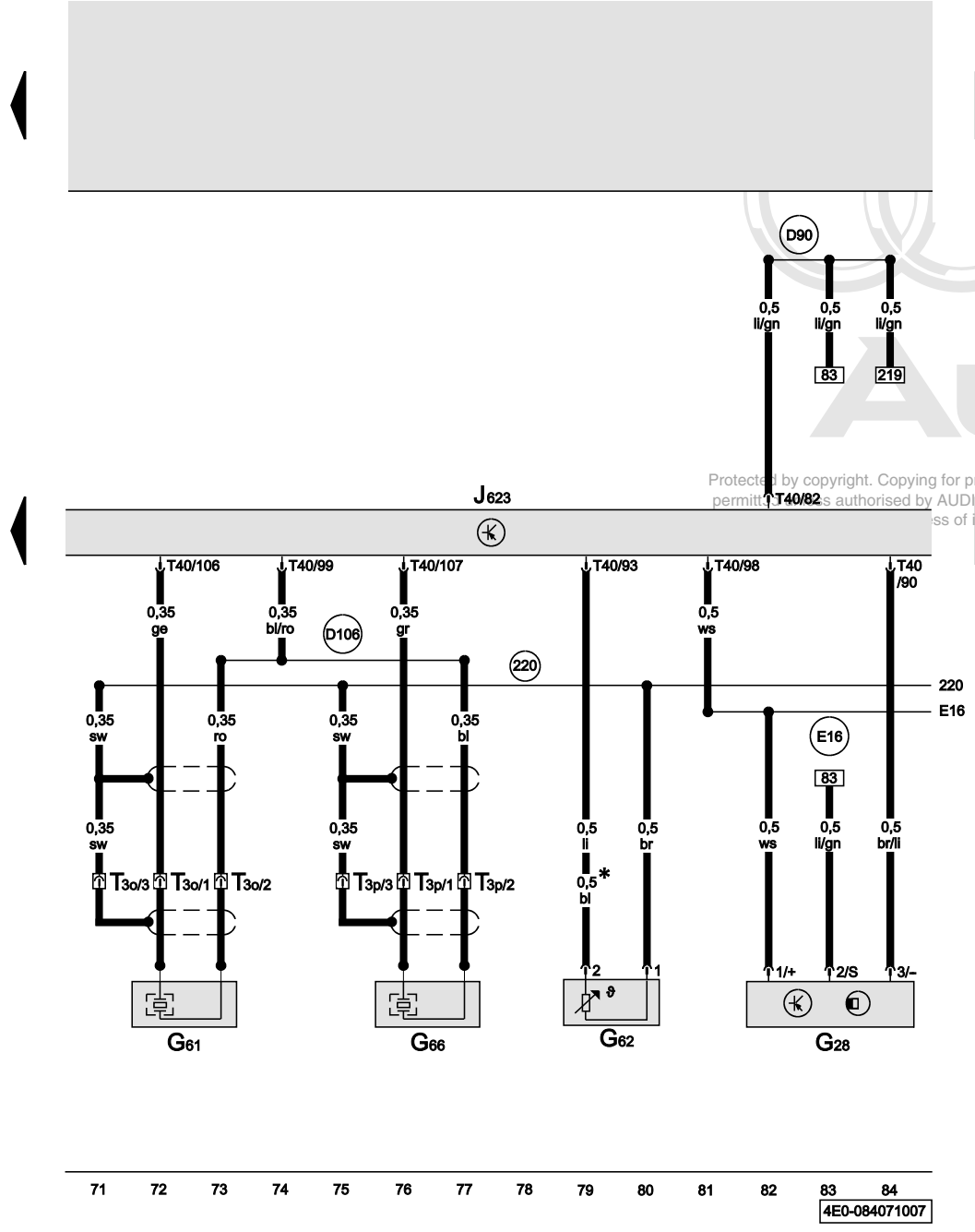
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A97-84588



Engine control unit, knock sensor 1, knock sensor 2, coolant temperature sender, engine speed sender

- G28 Engine speed sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G66 Knock sensor 2
- J623 Engine control unit
- T3o 3-pin connector, black, on knock sensor 1
- T3p 3-pin connector, grey, on knock sensor 2
- T40 40-pin connector, black, on engine control unit
- 220 Earth connection (sender earth), in engine wiring harness
- D90 Connection (RPM signal), in engine compartment wiring harness
- D106 Connection 4, in engine compartment wiring harness
- E16 Positive connection (5 volts), in Motronic wiring harness

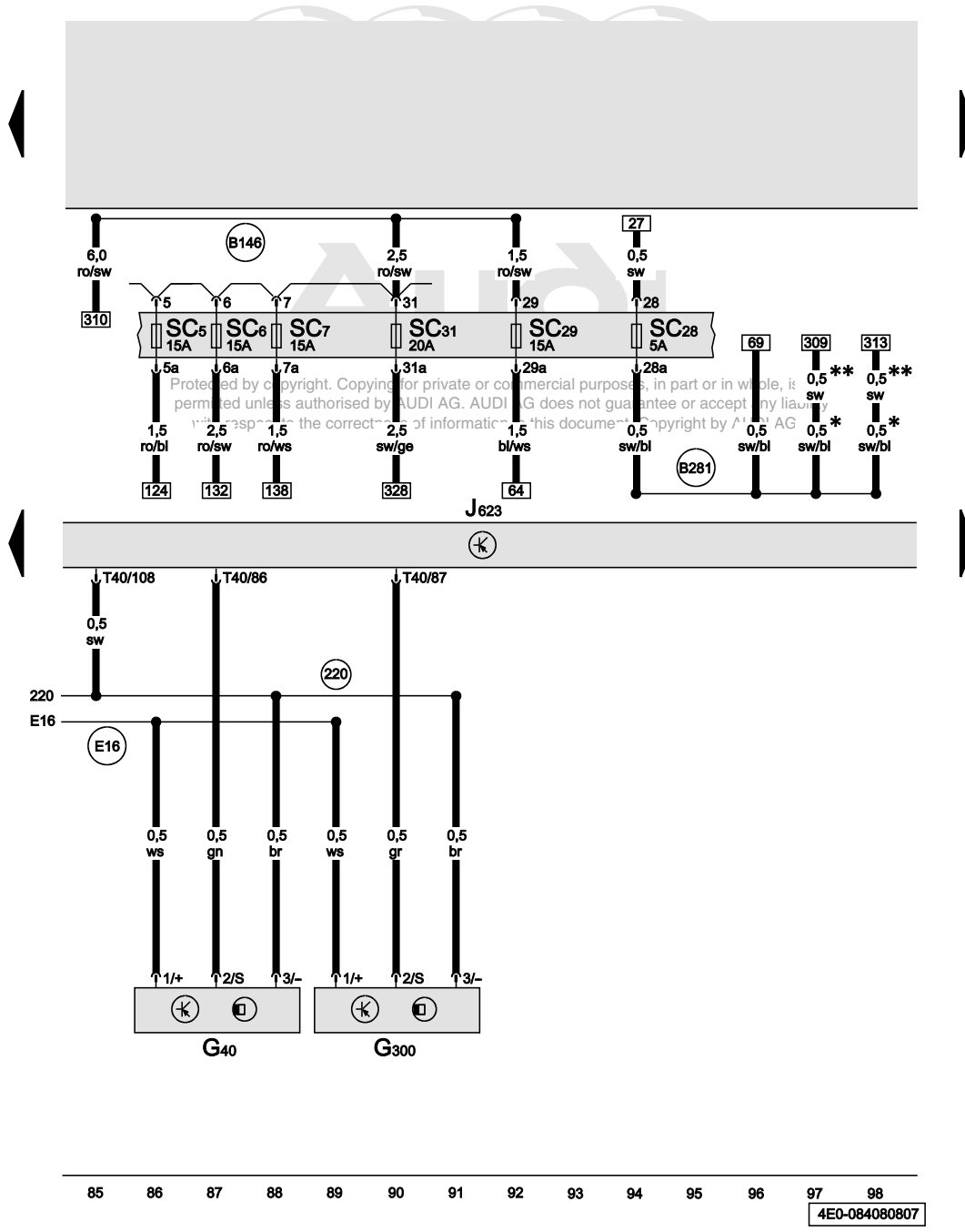


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Engine control unit, Hall sender, Hall sender 3, fuses

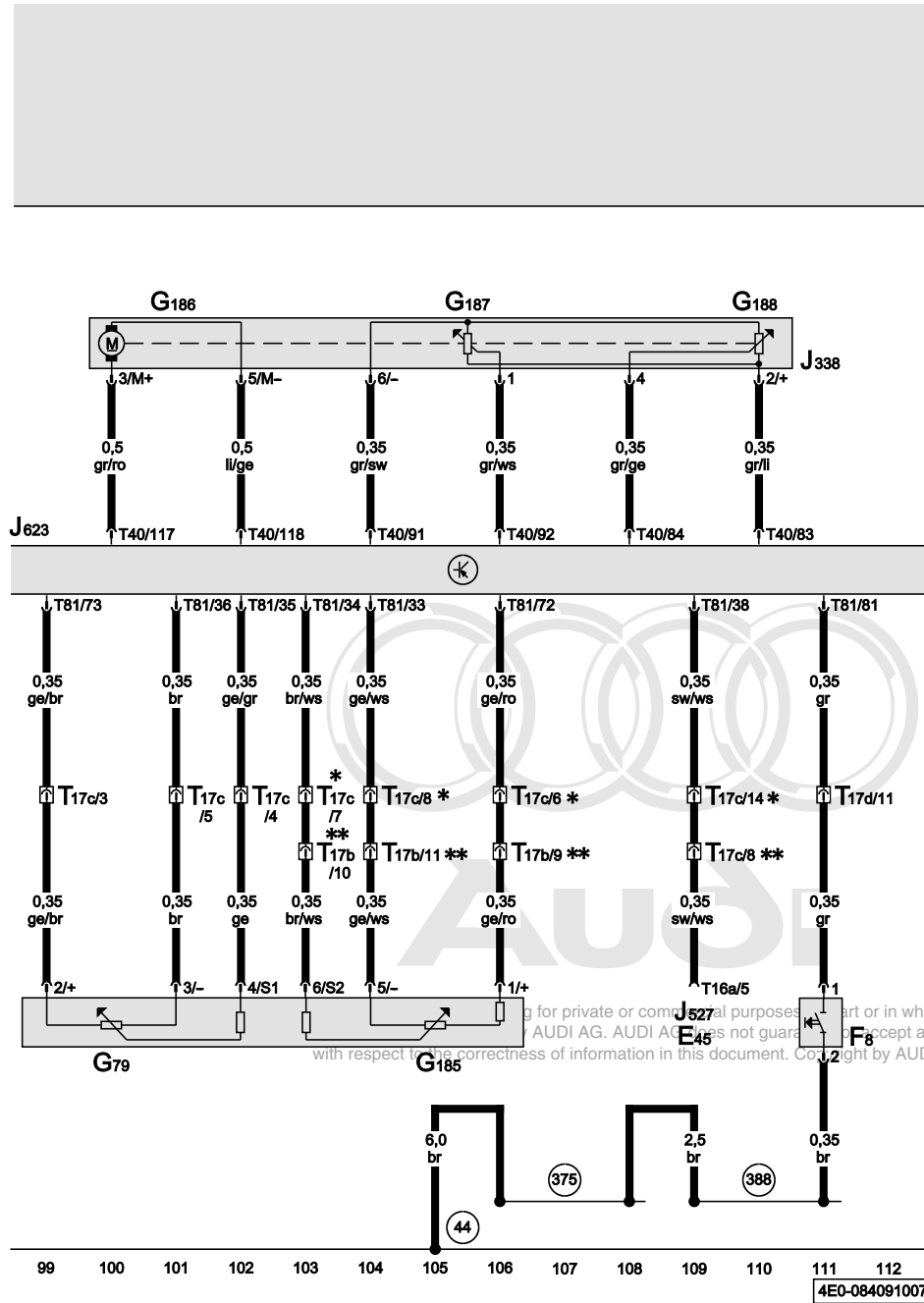
- G40 Hall sender
- G300 Hall sender 3
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T40 40-pin connector, black, on engine control unit
- 220 Earth connection (sender earth), in engine wiring harness
- B146 Positive connection 1 (87), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- E16 Positive connection (5 volts), in Motronic wiring harness
- \* up to August 2007
- \*\* from September 2007



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Engine control unit, accelerator position sender, throttle valve module, kickdown switch

- E45 Cruise control system switch
  - F8 Kick-down switch
  - G79 Accelerator position sender
  - G185 Accelerator position sender 2
  - G186 Throttle valve drive (electric power control)
  - G187 Throttle valve drive angle sender 1 for electric throttle
  - G188 Throttle valve drive angle sender 2 for electric throttle
  - J338 Throttle valve module
  - J527 Steering column electronics control unit
  - J623 Engine control unit
  - T16a 16-pin connector, on steering column electronics control unit
  - T17b 17-pin connector, green, in electronics box in plenum chamber
  - T17c 17-pin connector, brown, in electronics box in plenum chamber
  - T17d 17-pin connector, blue, in electronics box in plenum chamber
  - T40 40-pin connector, black, on engine control unit
  - T81 81-pin connector, black, on engine control unit
- 44 Earth point, lower part of left A-pillar
  - 375 Earth connection 10, in main wiring harness
  - 388 Earth connection 23, in main wiring harness
- \* up to August 2007
  - \*\* from September 2007



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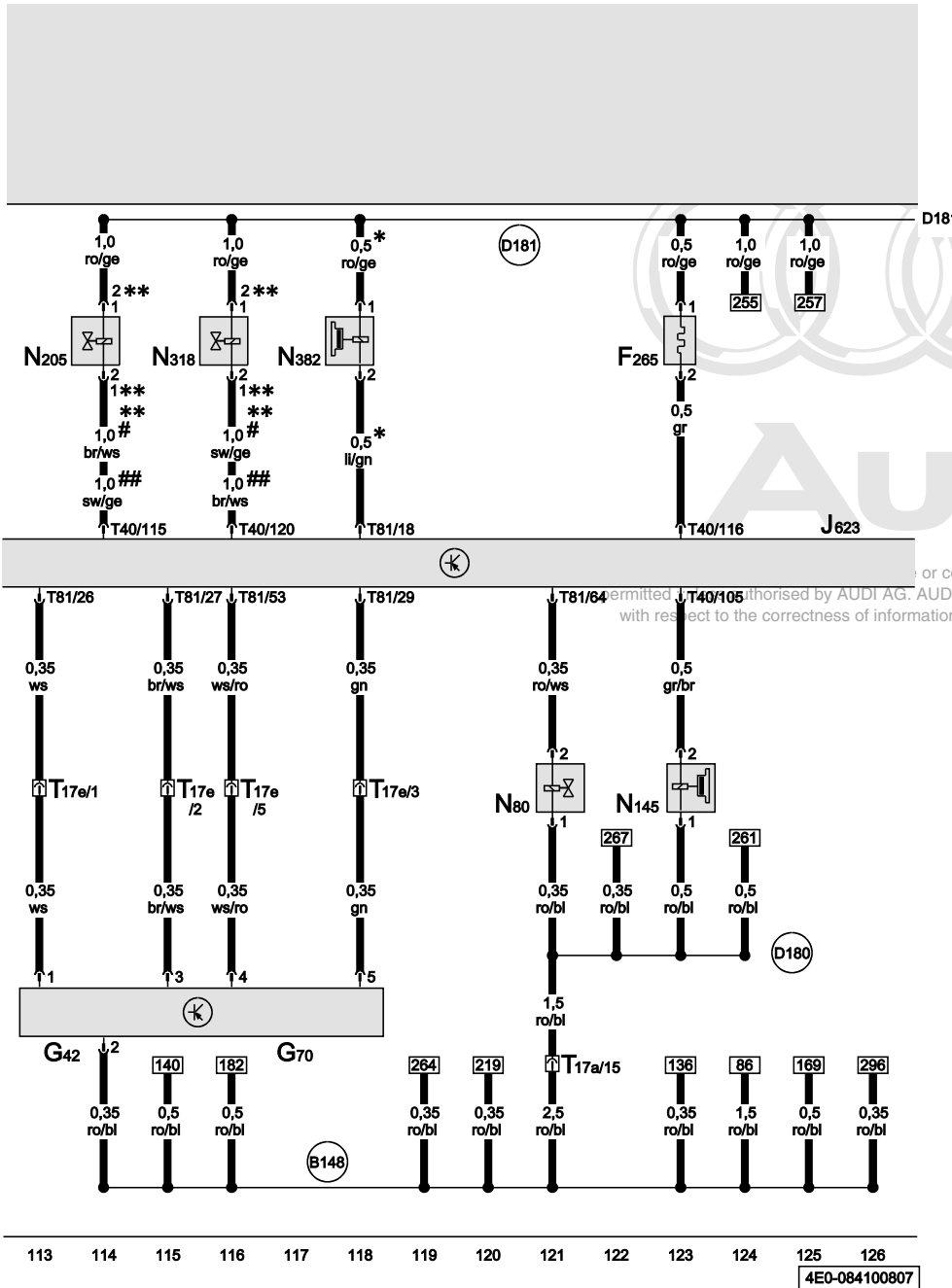
Engine control unit, air mass meter, intake air temperature sender, inlet camshaft control valve 1, exhaust camshaft control valve 1, torque rod valve, right electrohydraulic engine mounting solenoid valve, map-controlled engine cooling system thermostat, activated charcoal filter system solenoid valve 1

- F265 Map-controlled engine cooling system thermostat
- G42 Intake air temperature sender
- G70 Air mass meter
- J623 Engine control unit
- N80 Activated charcoal filter system solenoid valve 1
- N145 Right electrohydraulic engine mounting solenoid valve
- N205 Inlet camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N382 Torque rod valve
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

- B148 Positive connection 3 (87), in interior wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness

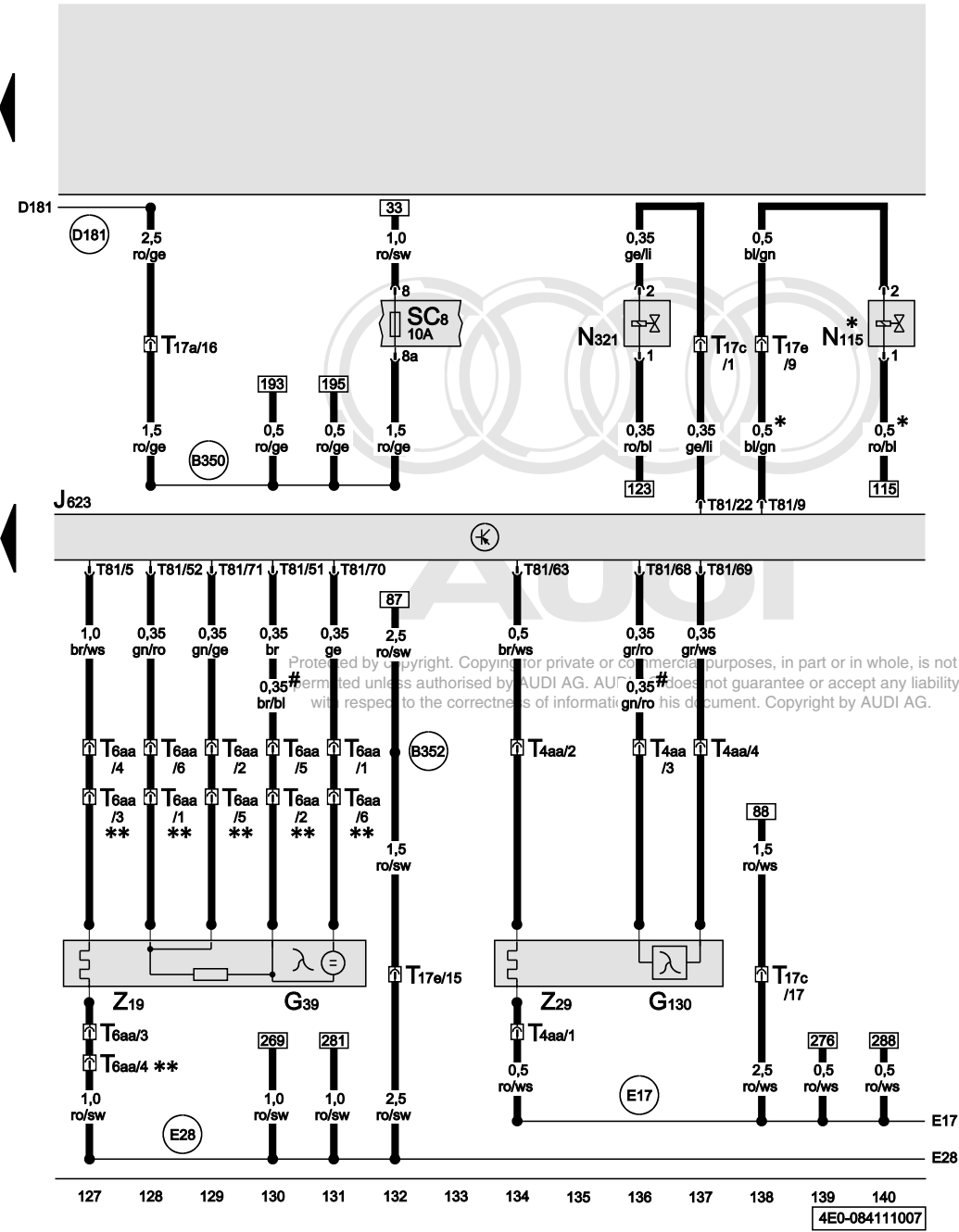
\* is dropped, from model year 2006  
 \*\* from November 2007  
 # up to October 2005  
 ## from November 2005

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4E0-084100807

Engine control unit, lambda probe, lambda probe after catalytic converter, exhaust flap valve



- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- N115 Activated charcoal filter system solenoid valve 2
- N321 Exhaust flap 1 valve
- SC8 Fuse 8 on fuse holder C
- T4aa 4-pin connector, black, for lambda probe after catalytic converter
- T6aa 6-pin connector, black, lambda probe
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- (B350) Positive connection 1 (87a), in main wiring harness
- (B352) Positive connection 3 (87a), in main wiring harness
- (D181) Connection 2 (87a), in engine compartment wiring harness
- (E17) Connection 2, in Motronic wiring harness
- (E28) Connection (lambda probe heating), in Motronic wiring harness
- \* only USA
- \*\* from March 2007
- # phased-in modification

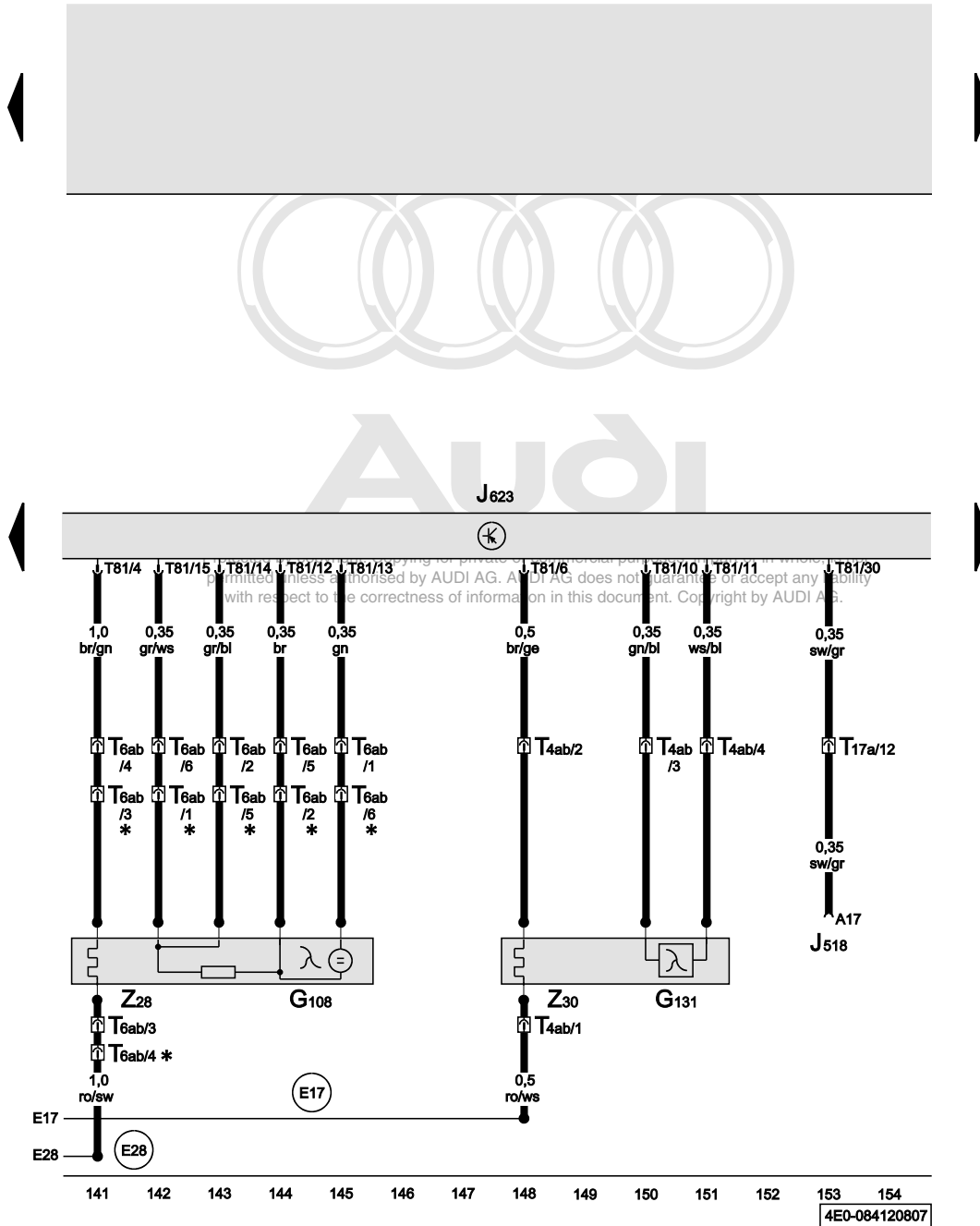
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Engine control unit, lambda probe 2, lambda probe 2 after catalytic converter

- G108 Lambda probe 2
- G131 Lambda probe 2 after catalytic converter
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- T4ab 4-pin connector, brown, for lambda probe 2 after catalytic converter
- T6ab 6-pin connector, brown, lambda probe 2
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- Z28 Lambda probe 2 heater
- Z30 Lambda probe 2 heater after catalytic converter

- E17 Connection 2, in Motronic wiring harness
- E28 Connection (lambda probe heating), in Motronic wiring harness

\* from March 2007

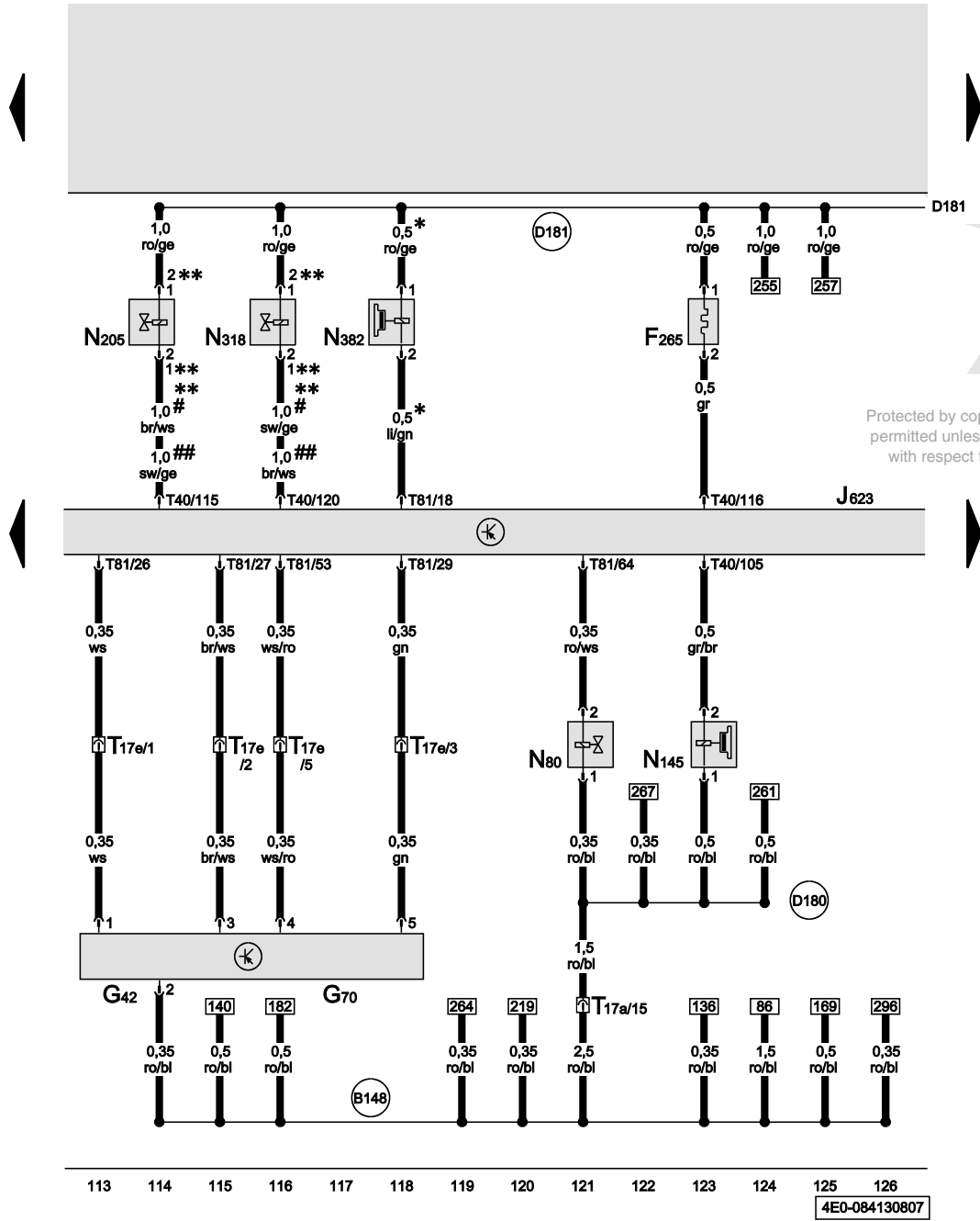


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Engine control unit, brake light switch

- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J393 Convenience system central control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- SB12 Fuse 12 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T6r 6-pin connector, black, connector B, on entry and start authorisation control unit
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T32b 32-pin connector, connector B, on convenience system central control unit
- T81 81-pin connector, black, on engine control unit
- T81b 81-pin connector, black, connector A, on entry and start authorisation control unit
- 44 Earth point, lower part of left A-pillar

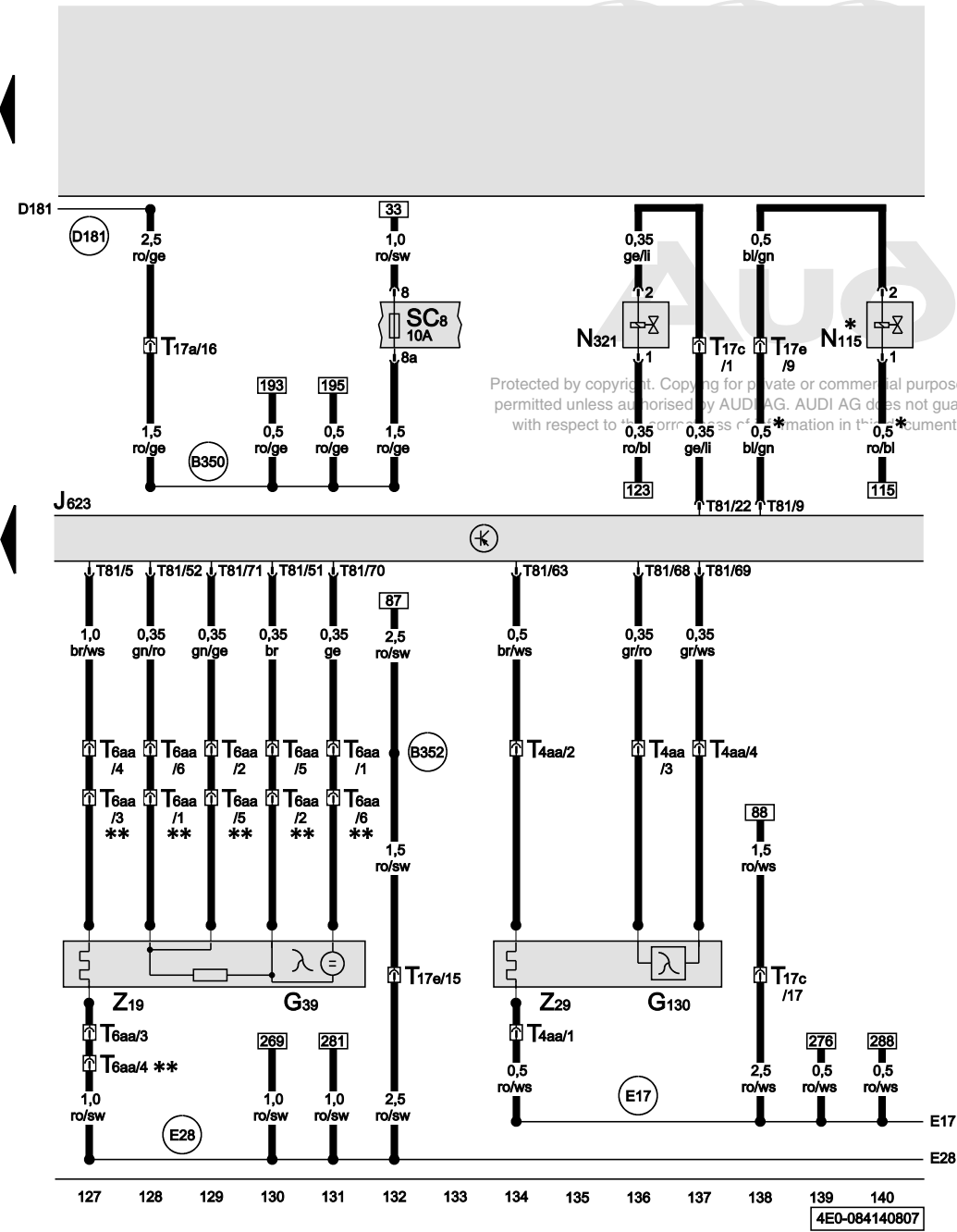
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4E0-084130807

Engine control unit, secondary air pump relay, secondary air pump motor



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- J217 Automatic gearbox control unit
- J299 Secondary air pump relay
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- S130 Secondary air pump fuse
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- V101 Secondary air pump motor
- V144 Fuel system diagnostic pump

- 44 Earth point, lower part of left A-pillar
- 375 Earth connection 10, in main wiring harness
- D107 Connection 5, in engine compartment wiring harness

- \* models with fuel system diagnostic pump up to model year 2005
- # from model year 2006
- ◆ Relay carrier electronics box in plenum chamber

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Engine control unit, radiator fan, radiator fan 2, additional coolant pump relay, continued coolant circulation pump

- J496 Additional coolant pump relay
- J623 Engine control unit
- SC17 Fuse 17 on fuse holder C
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- V7 Radiator fan
- V51 Continued coolant circulation pump
- V177 Radiator fan 2

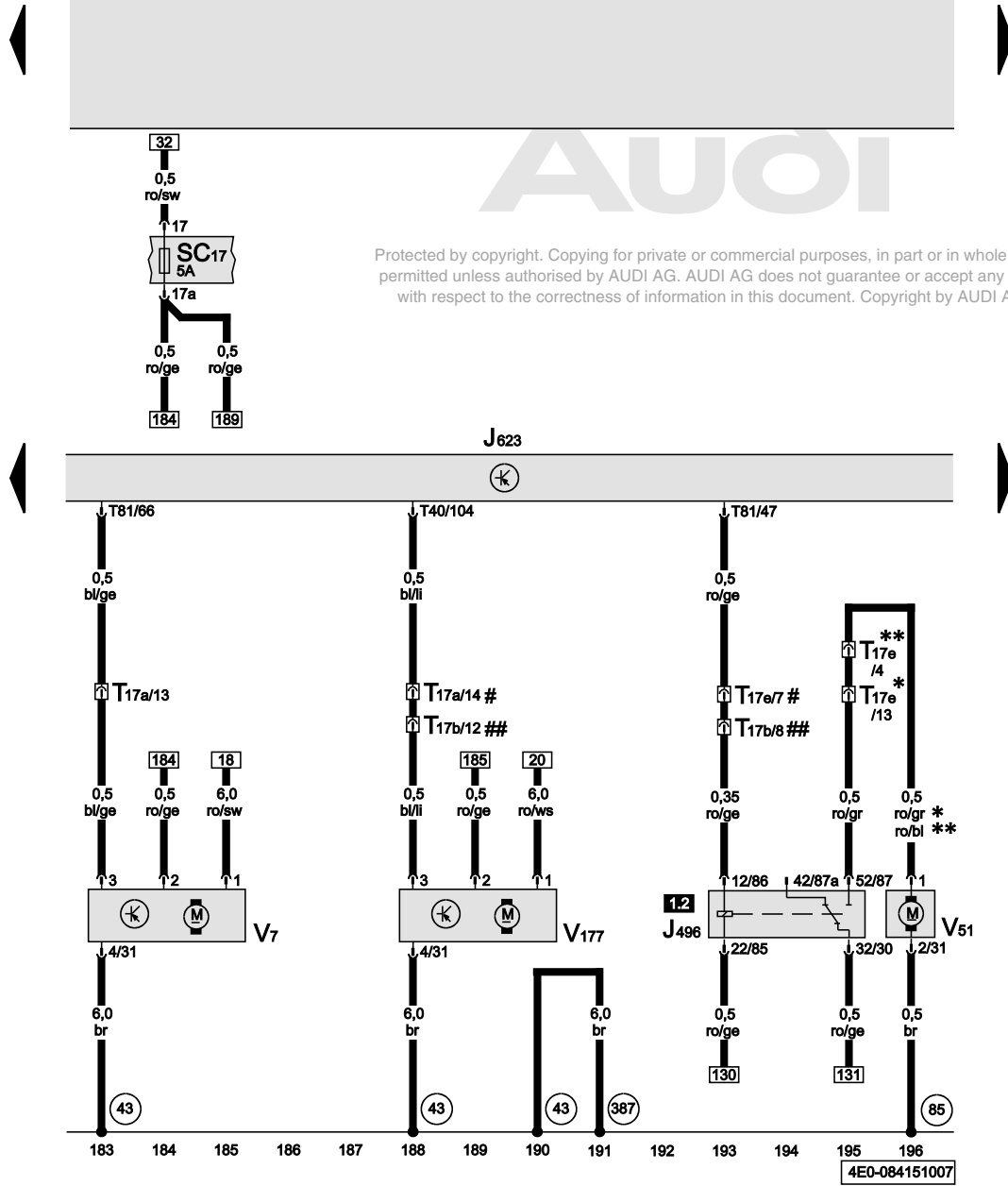
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43 Earth point, lower part of right A-pillar

85 Earth connection 1, in engine compartment wiring harness

387 Earth connection 22, in main wiring harness

- \* up to model year 2005
- \*\* from model year 2006
- # up to August 2007
- ## from September 2007

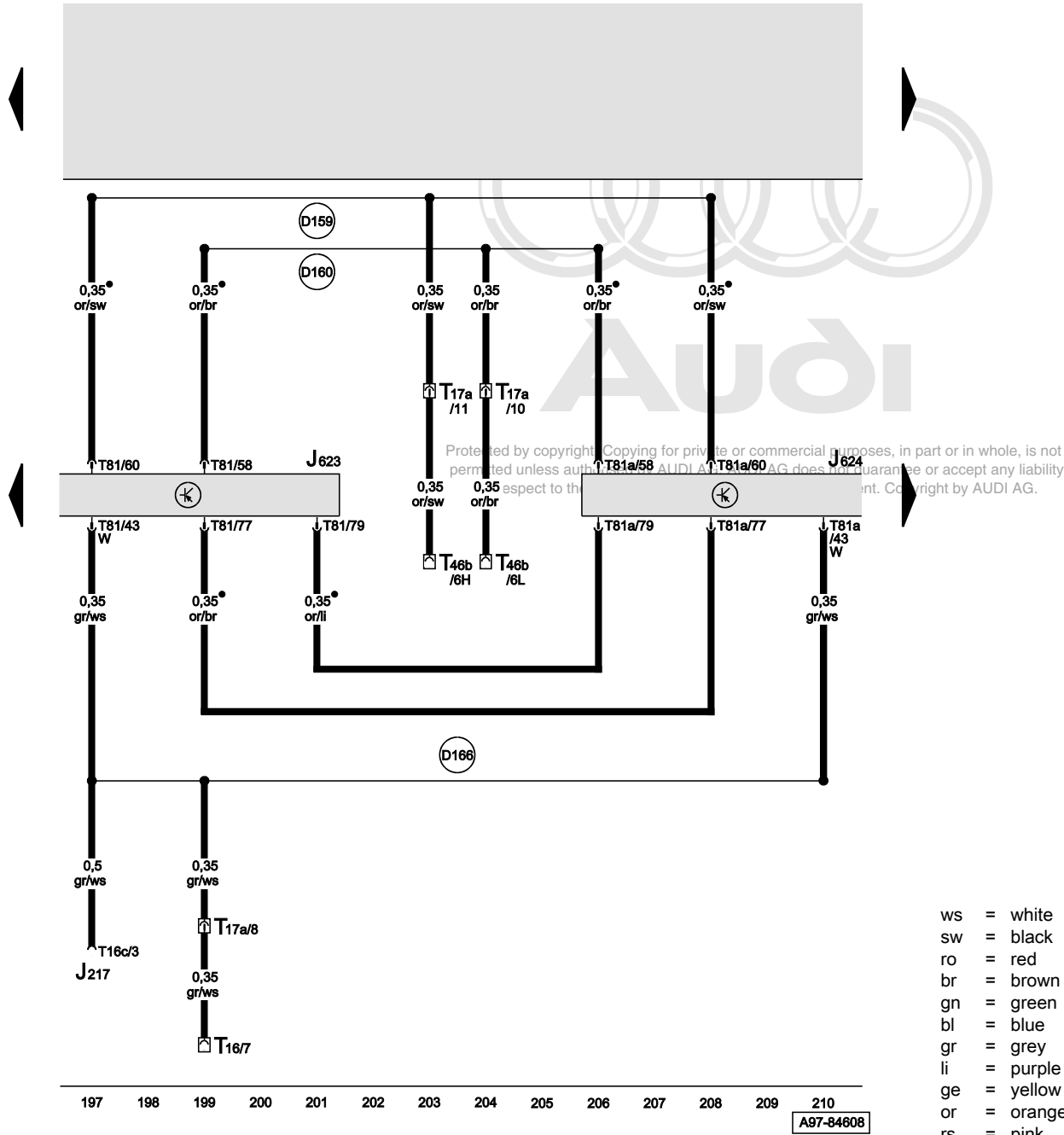


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Engine control unit, engine control unit 2

- J217 Automatic gearbox control unit
- J623 Engine control unit
- J624 Engine control unit 2
- T16 16-pin connector, black, diagnostic connection
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T46b 46-pin connector, black, CAN bus separating connector right
- T81 81-pin connector, black, on engine control unit
- T81a 81-pin connector, black, on engine control unit 2

- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- D166 Connection (K-diagnosis wiring), in engine compartment wiring harness



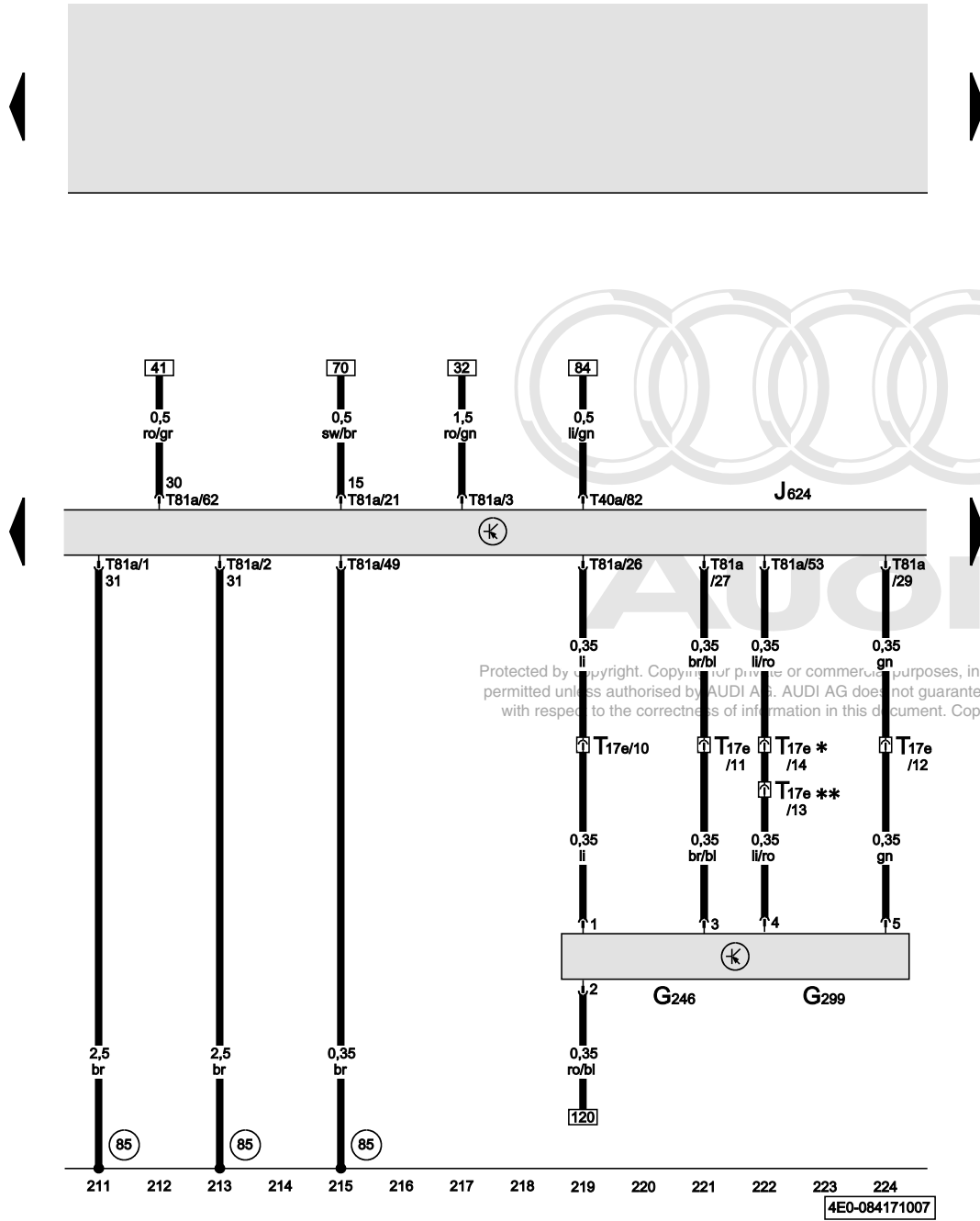
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Engine control unit 2, air mass meter 2, intake air temperature sender 2

- G246 Air mass meter 2
- G299 Intake air temperature sender 2
- J624 Engine control unit 2
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T40a 40-pin connector, black, on engine control unit 2
- T81a 81-pin connector, black, on engine control unit 2

85 Earth connection 1, in engine compartment wiring harness

\* up to August 2007  
 \*\* from September 2007



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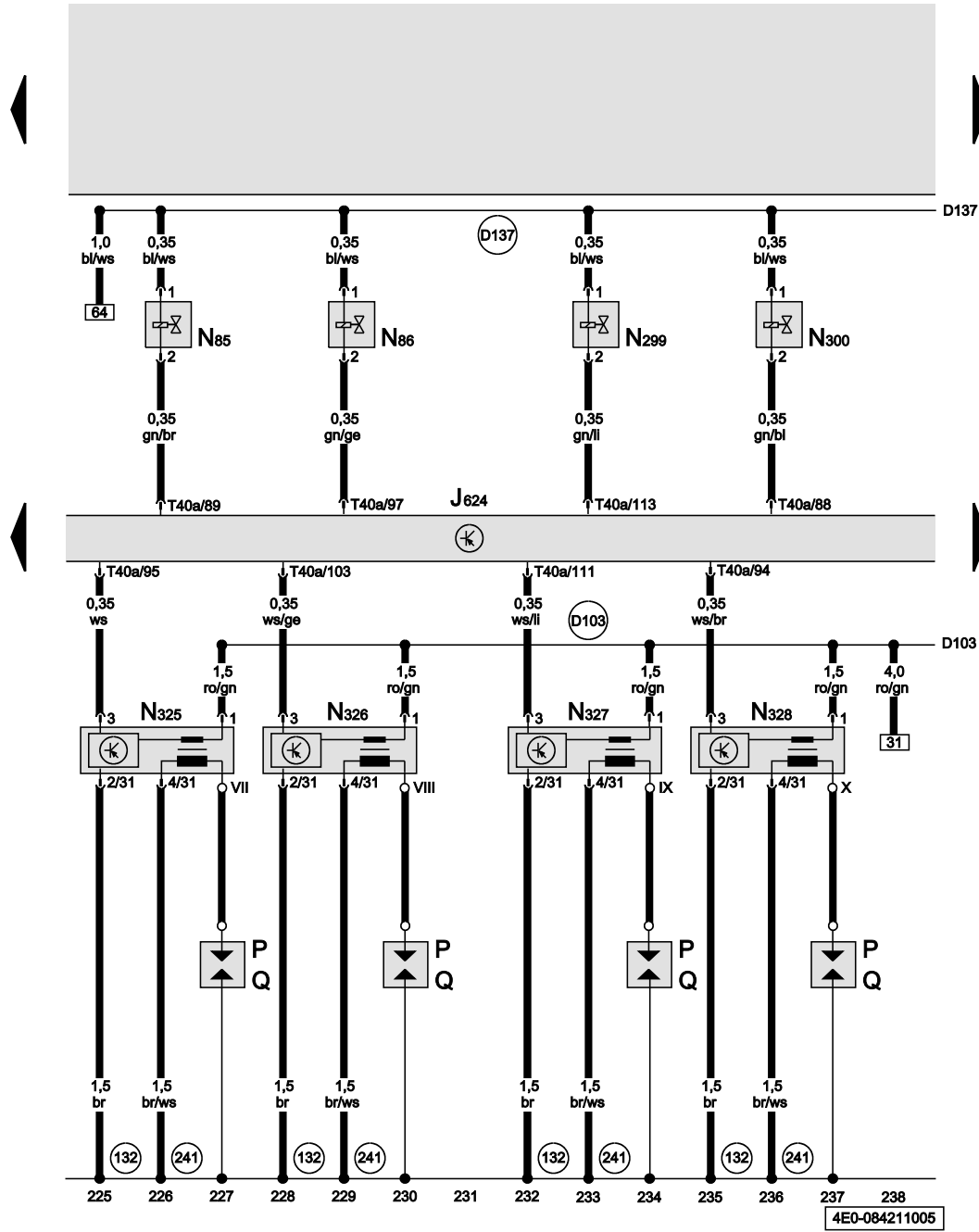
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4E0-084171007

Engine control unit 2, ignition coils 7 - 10 with output stage, injectors, cylinder 7 - 10

- J624 Engine control unit 2
- N85 Injector, cylinder 7
- N86 Injector, cylinder 8
- N299 Injector, cylinder 9
- N300 Injector, cylinder 10
- N325 Ignition coil 7 with output stage
- N326 Ignition coil 8 with output stage
- N327 Ignition coil 9 with output stage
- N328 Ignition coil 10 with output stage
- P Spark plug connector
- Q Spark plugs
- T40a 40-pin connector, black, on engine control unit 2

- (132) Earth connection 3, in engine compartment wiring harness
- (241) Earth connection 2 engine earth, in engine wiring harness
- (D103) Connection 3, in engine compartment wiring harness
- (D137) Connection 2 (injectors), in engine compartment wiring harness



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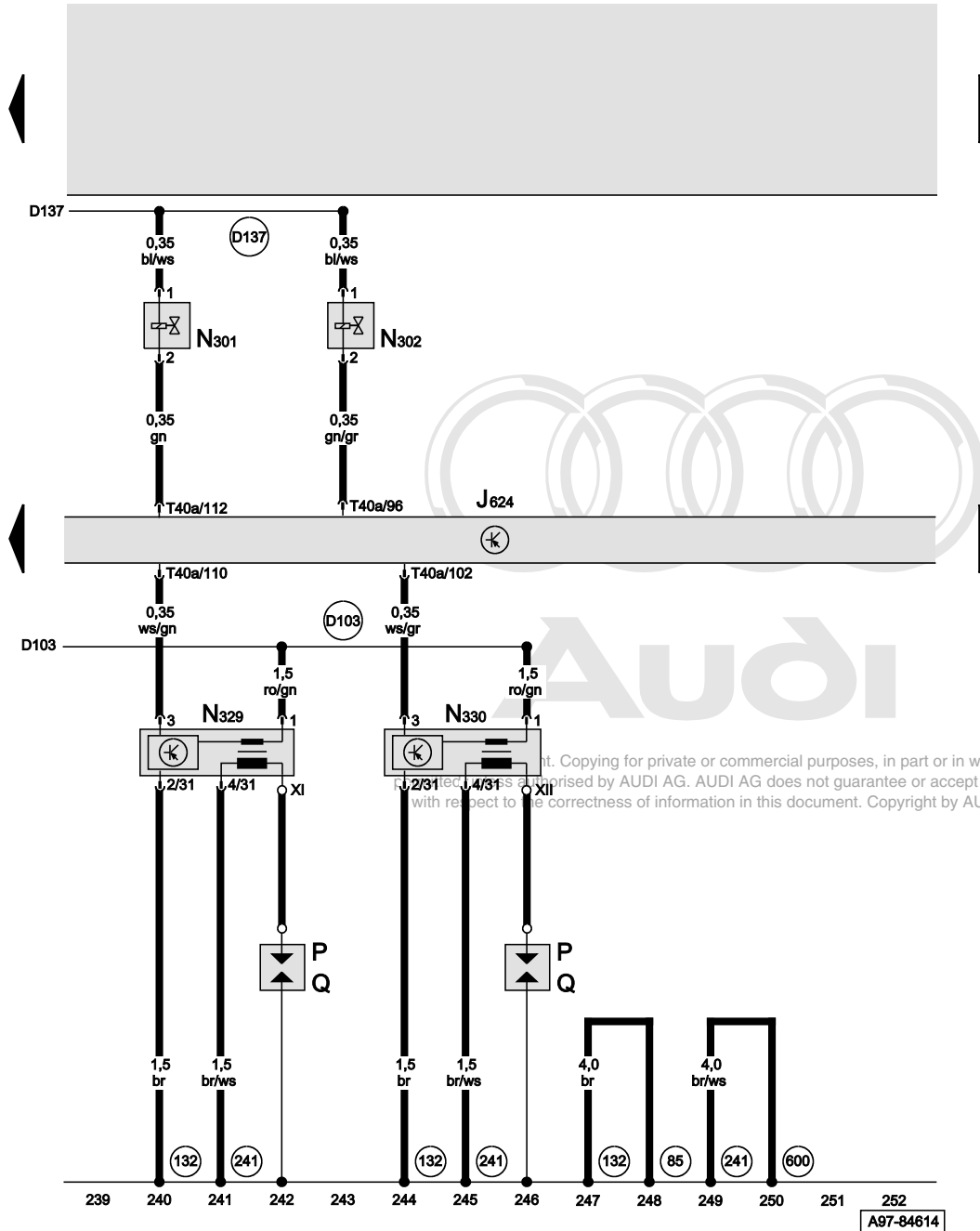
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4E0-084211005

Engine control unit 2, ignition coils 11 and 12 with output stage, injectors cylinder 11 and 12

- J624 Engine control unit 2
- N301 Injector, cylinder 11
- N302 Injector, cylinder 12
- N329 Ignition coil 11 with output stage
- N330 Ignition coil 12 with output stage
- P Spark plug connector
- Q Spark plugs
- T40a 40-pin connector, black, on engine control unit 2

- (85) Earth connection 1, in engine compartment wiring harness
- (132) Earth connection 3, in engine compartment wiring harness
- (241) Earth connection 2 engine earth, in engine wiring harness
- (600) Earth point, on right of cylinder head
- (D103) Connection 3, in engine compartment wiring harness
- (D137) Connection 2 (injectors), in engine compartment wiring harness



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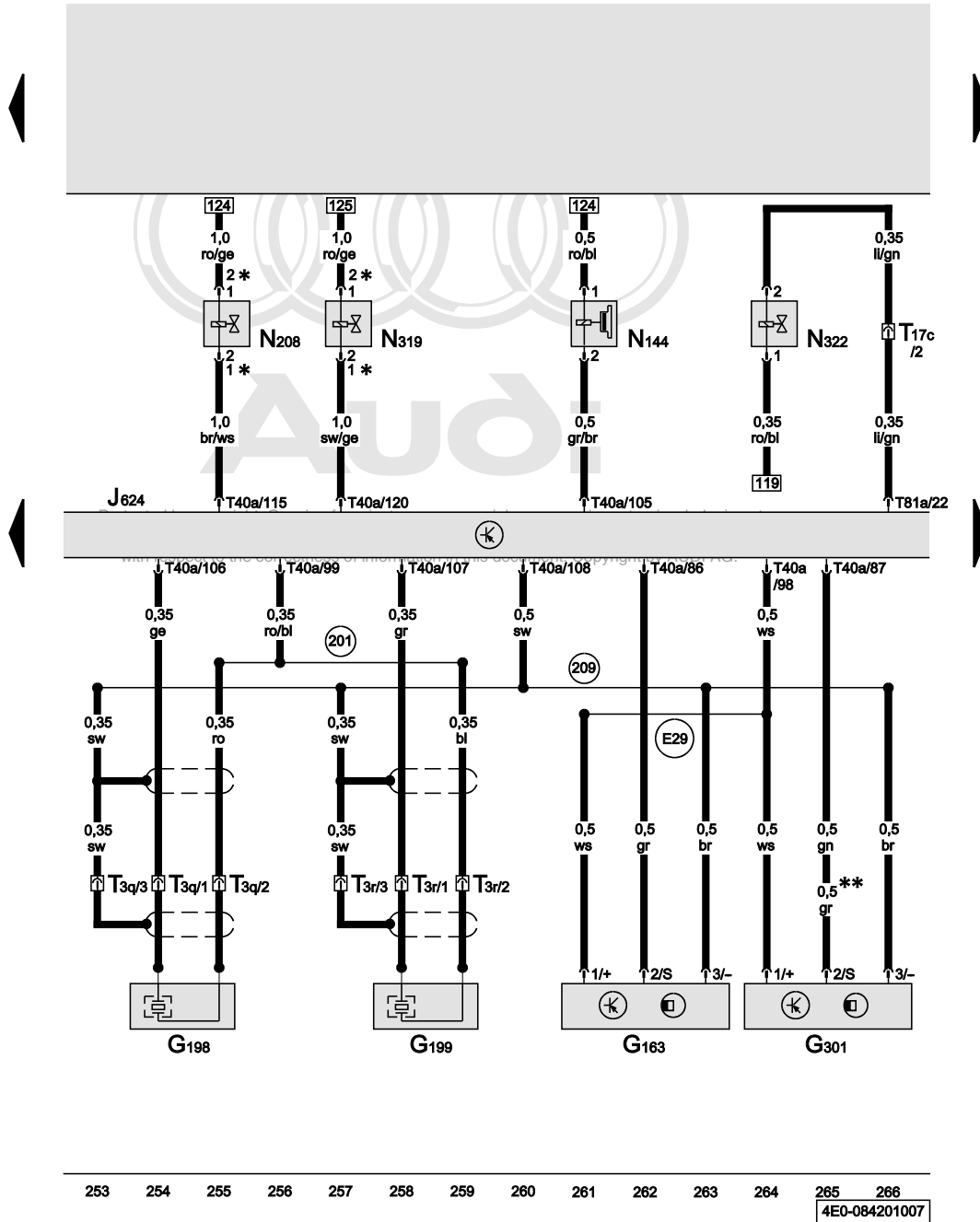
A97-84614

Engine control unit 2, knock sensor 3, knock sensor 4, Hall sender 2, Hall sender 4, inlet camshaft control valve 2, exhaust camshaft control valve 2, left electrohydraulic engine mounting solenoid valve, exhaust flap 2 valve

- G163 Hall sender 2
- G198 Knock sensor 3
- G199 Knock sensor 4
- G301 Hall sender 4
- J624 Engine control unit 2
- N144 Left electrohydraulic engine mounting solenoid valve
- N208 Inlet camshaft control valve 2
- N319 Exhaust camshaft control valve 2
- N322 Exhaust flap 2 valve
- T3q 3-pin connector, orange, on knock sensor 3
- T3r 3-pin connector, black, on knock sensor 4
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T40a 40-pin connector, black, on engine control unit 2
- T81a 81-pin connector, black, on engine control unit 2

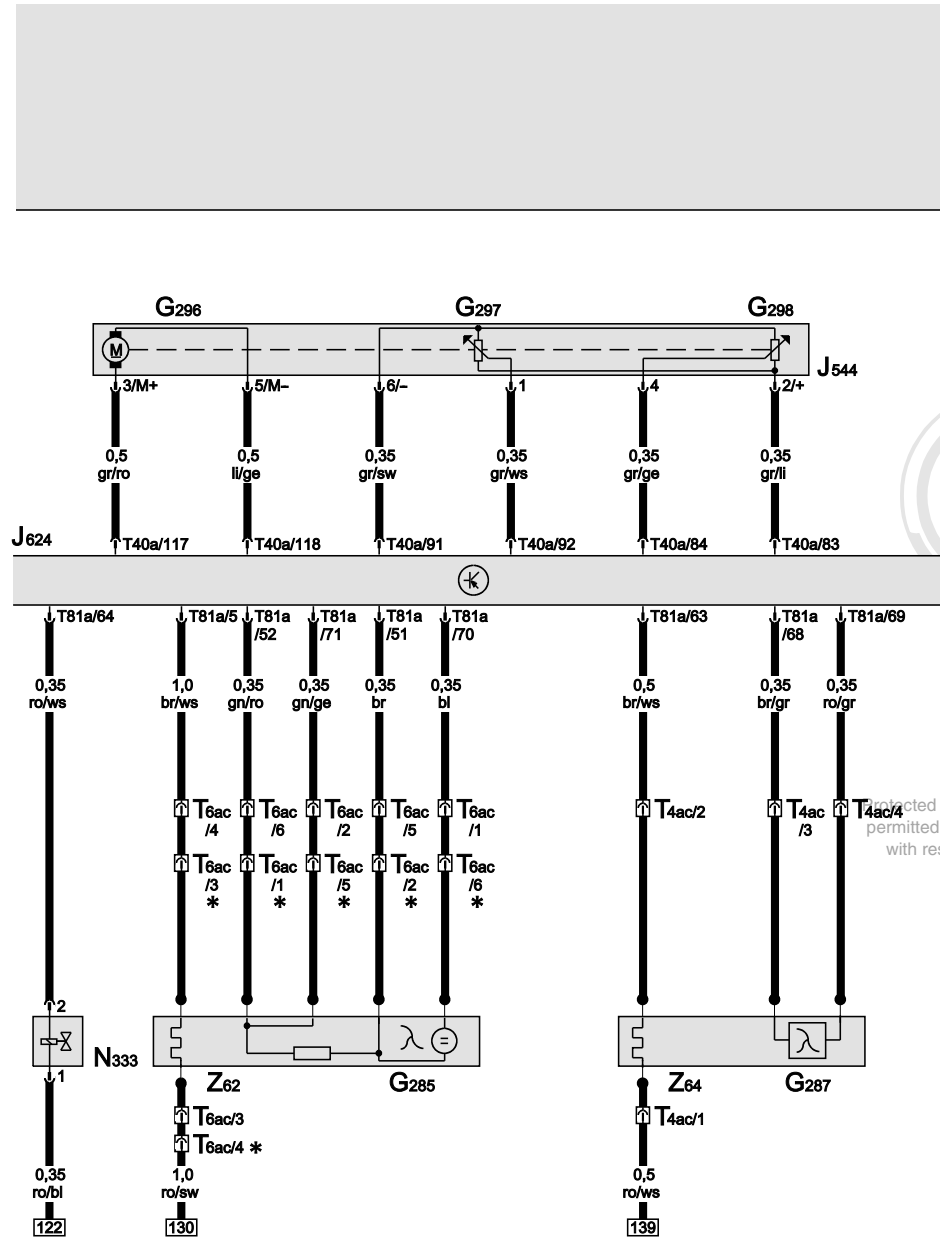
- (201) Earth connection 5, in engine compartment wiring harness
- (209) Earth connection 6, in engine compartment wiring harness
- (E29) Connection, in engine wiring harness
- \* from November 2006
- \*\* phased-in modification

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Engine control unit 2, throttle valve module 2, active charcoal filter system solenoid valve 2, lambda probe 3, lambda probe 3 after catalytic converter

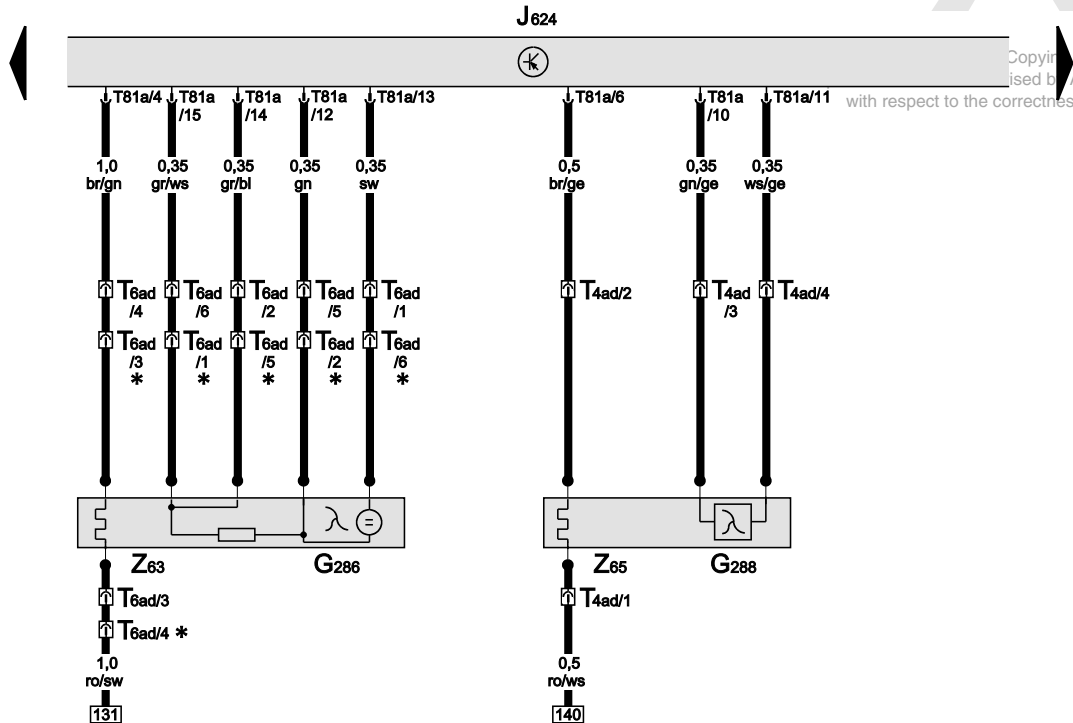
- G285 Lambda probe 3
- G287 Lambda probe 3 after catalytic converter
- G296 Throttle valve drive 2
- G297 Angle sender 1 for throttle valve drive 2
- G298 Angle sender 2 for throttle valve drive 2
- J544 Throttle valve module 2
- J624 Engine control unit 2
- N333 Activated charcoal filter system solenoid valve 2
- T4ac 4-pin connector, green, lambda probe 3 after catalytic converter
- T6ac 6-pin connector, black, lambda probe 3
- T40a 40-pin connector, black, on engine control unit 2
- T81a 81-pin connector, black, on engine control unit 2
- Z62 Lambda probe 3 heater
- Z64 Lambda probe 3 heater after catalytic converter
- \* from March 2007



- ws = white
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Engine control unit 2, lambda probe 4, lambda probe 4 after catalytic converter

- G286 Lambda probe 4
- G288 Lambda probe 4 after catalytic converter
- J624 Engine control unit 2
- T4ad 4-pin connector, grey, lambda probe 4 after catalytic converter
- T6ad 6-pin connector, brown, lambda probe 4
- T81a 81-pin connector, black, on engine control unit 2
- Z63 Lambda probe 4 heater
- Z65 Lambda probe 4 heater after catalytic converter
- \* from March 2007



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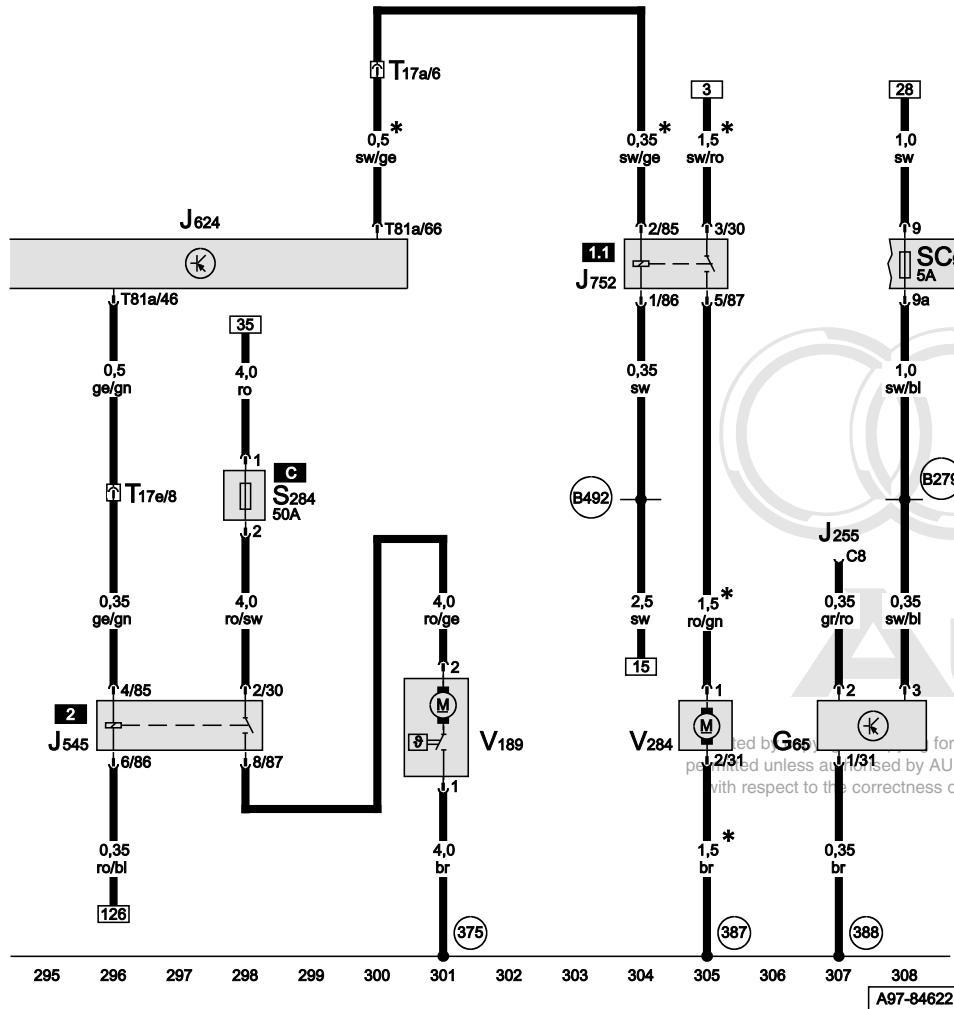
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Engine control unit 2, secondary air pump relay 2, coolant pump relay 3, secondary air pump motor 2, high pressure sender

- G65 High pressure sender
- J255 Climatronic control unit
- J545 Secondary air pump relay 2
- J624 Engine control unit 2
- J752 Radiator fan 3 relay
- S284 Secondary air pump fuse 2
- SC9 Fuse 9 on fuse holder C
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T81a 81-pin connector, black, on engine control unit 2
- V189 Secondary air pump motor 2
- V284 Radiator fan 3

- (375) Earth connection 10, in main wiring harness
  - (387) Earth connection 22, in main wiring harness
  - (388) Earth connection 23, in main wiring harness
  - (B279) Positive connection 3 (15a), in main wiring harness
  - (B492) Positive connection 3 (15), in interior wiring harness
- \* models with trailer towing attachment  
 # relay carrier front passenger footwell  
 ## Relay carrier electronics box in plenum chamber

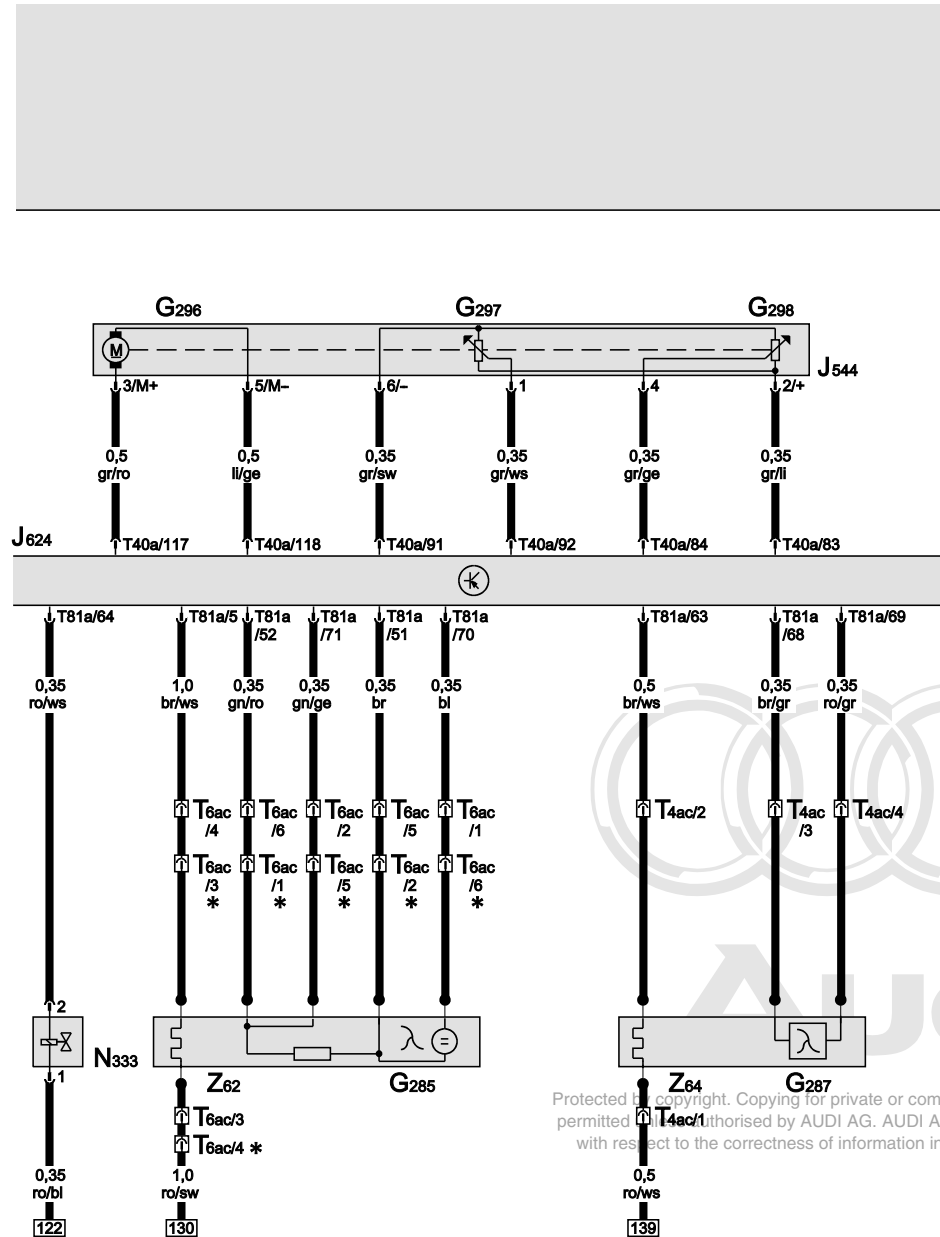


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Fuel pump relay, electric fuel pump 2 relay, fuel gauge sender, fuel system pressurisation pump, control unit in dash panel insert

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- G237 Fuel gauge sender 3
- J17 Fuel pump relay
- J49 Electric fuel pump 2 relay
- J285 Control unit in dash panel insert
- SF2 Fuse 2 on fuse holder F
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 675 Earth point 2, on right in luggage compartment
- B299 Positive connection 3 (30), in main wiring harness
- \* up to August 2007
- \*\* from September 2007
- # relay carrier front passenger footwell
- ## Relay and fuse carrier right in luggage compartment



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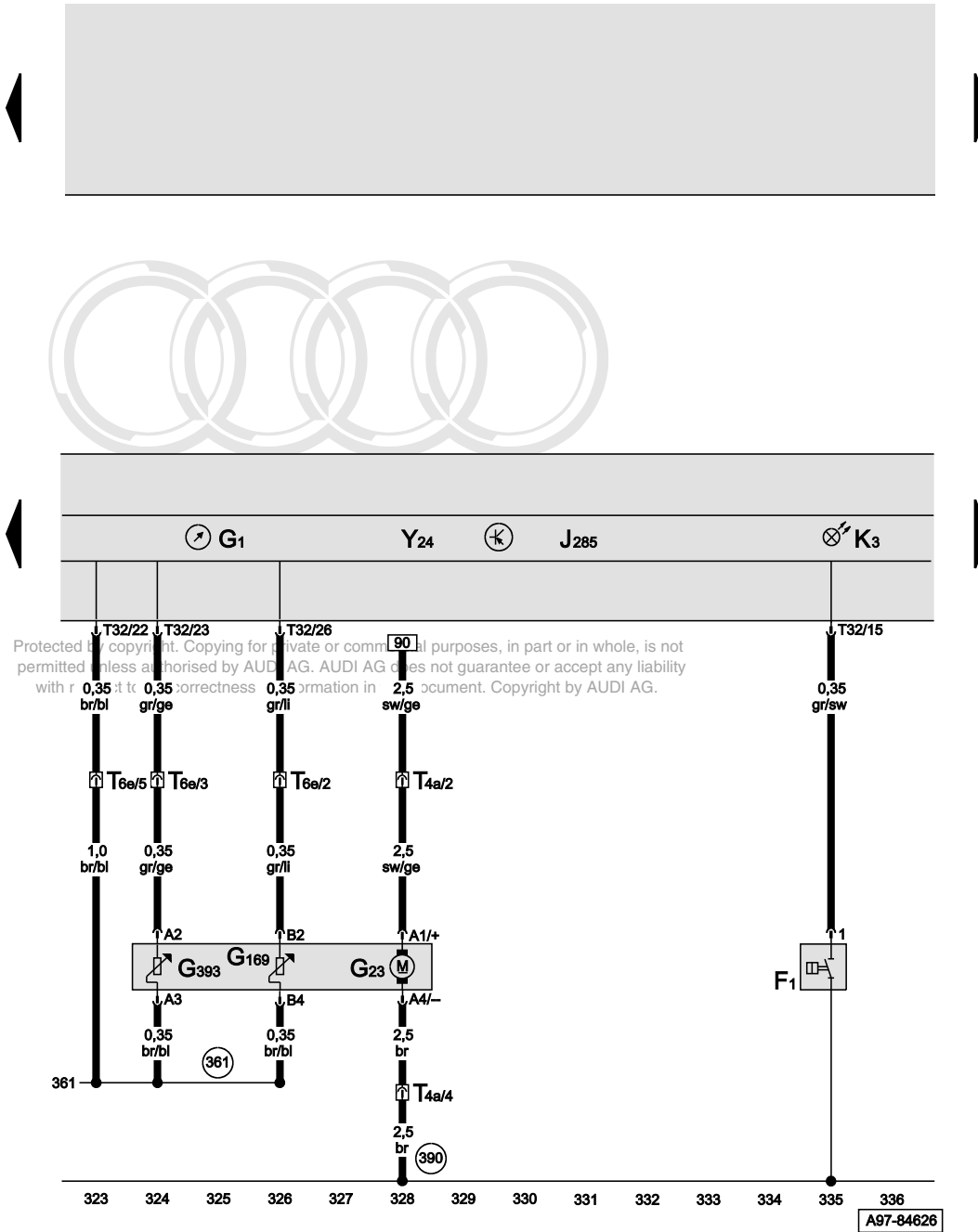
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- rs = pink

267 268 269 270 271 272 273 274 275 276 277 278 279 280

4E0-084240807

Control unit in dash panel insert, oil pressure switch, fuel pump, fuel gauge sender, oil pressure warning lamp

- F1 Oil pressure switch
- G1 Fuel gauge
- G23 Fuel pump
- G169 Fuel gauge sender 2
- G393 Fuel gauge sender 4
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert
- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness



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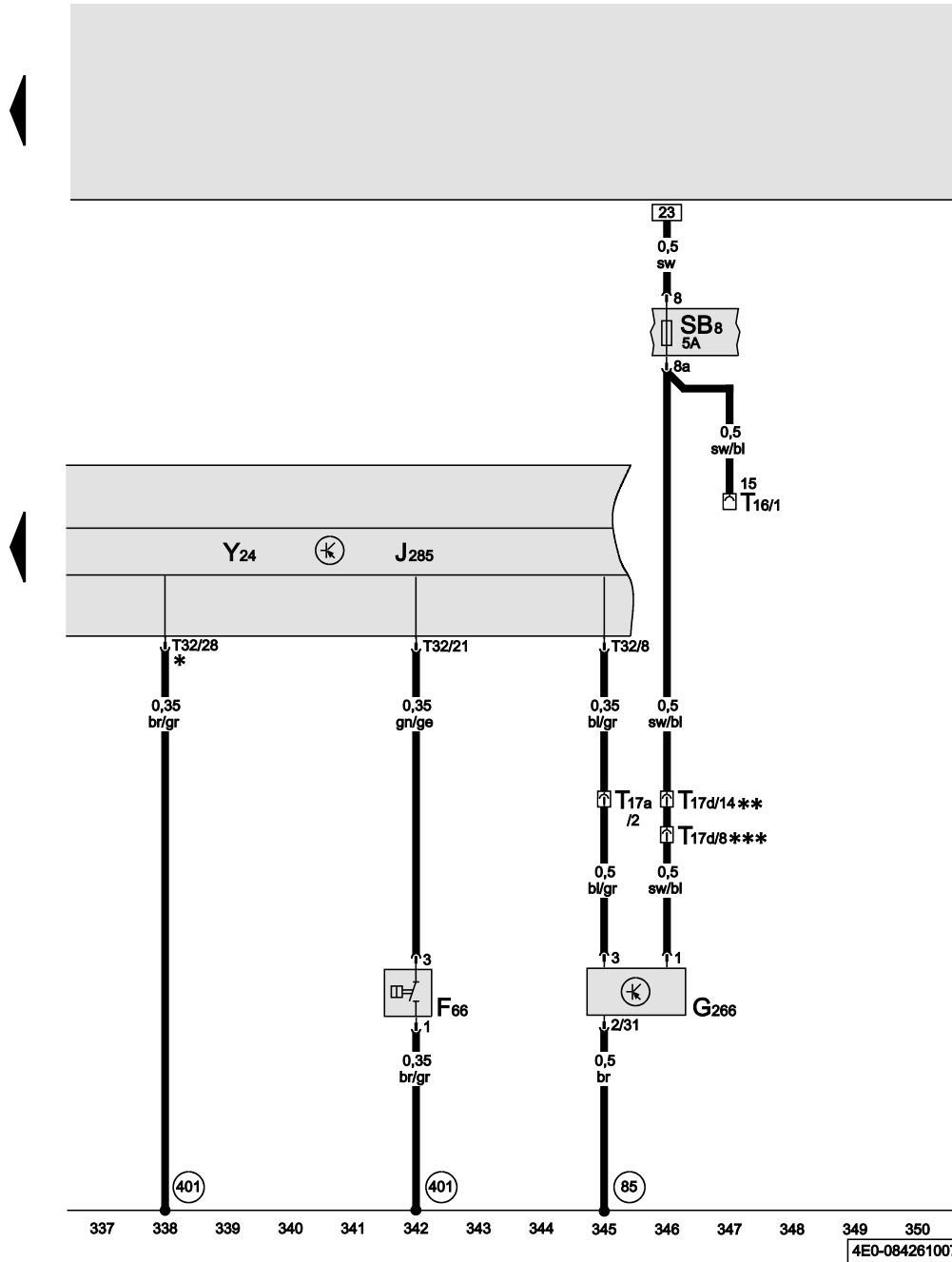
Control unit in dash panel insert, coolant shortage indicator switch, oil level and oil temperature sender

- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- SB8 Fuse 8 on fuse holder B
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

85 Earth connection 1, in engine compartment wiring harness

401 Earth connection (sender earth), in interior wiring harness

- \* output sender earth
- \*\* up to August 2007
- \*\*\* from September 2007



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4E0-084261007

**Audi A8 3.0 I - TDI, Common Rail, (171 kW 155 kW - 6-cylinder) engine code ASB, BNG**

from model year 2005

**Notes:**

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

⇒ List of Fitting Locations!

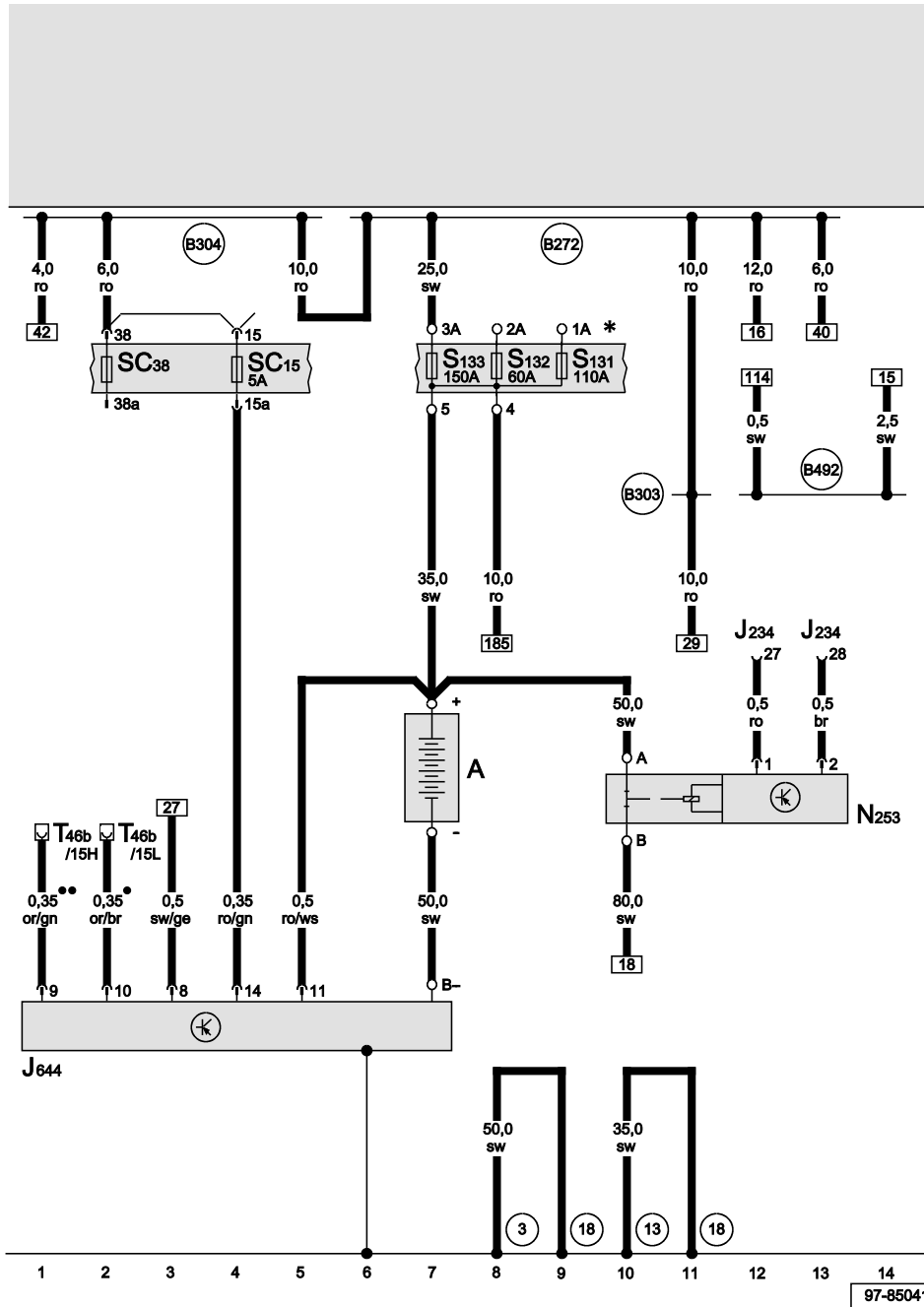
For information concerning

◆ Fault Finding Programs

⇒ guided fault finding



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Battery, energy management control unit, battery isolation igniter, fuses

- A Battery
- J234 Airbag control unit
- J644 Energy management control unit
- N253 Battery isolation igniter
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- SC15 Fuse 15 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T46b 46-pin connector, black, CAN disconnecter right

- 3 Earth strap, engine - body
- 13 Earth point, on right in engine compartment
- 18 Earth point on engine block
- B272 Positive connection (30), in main wiring harness
- B303 Positive connection 7 (30), in main wiring harness
- B304 Positive connection 8 (30), in main wiring harness
- B492 Positive connection 3 (15), in interior wiring harness
- CAN bus (data wire)
- \* In luggage compartment, rear right

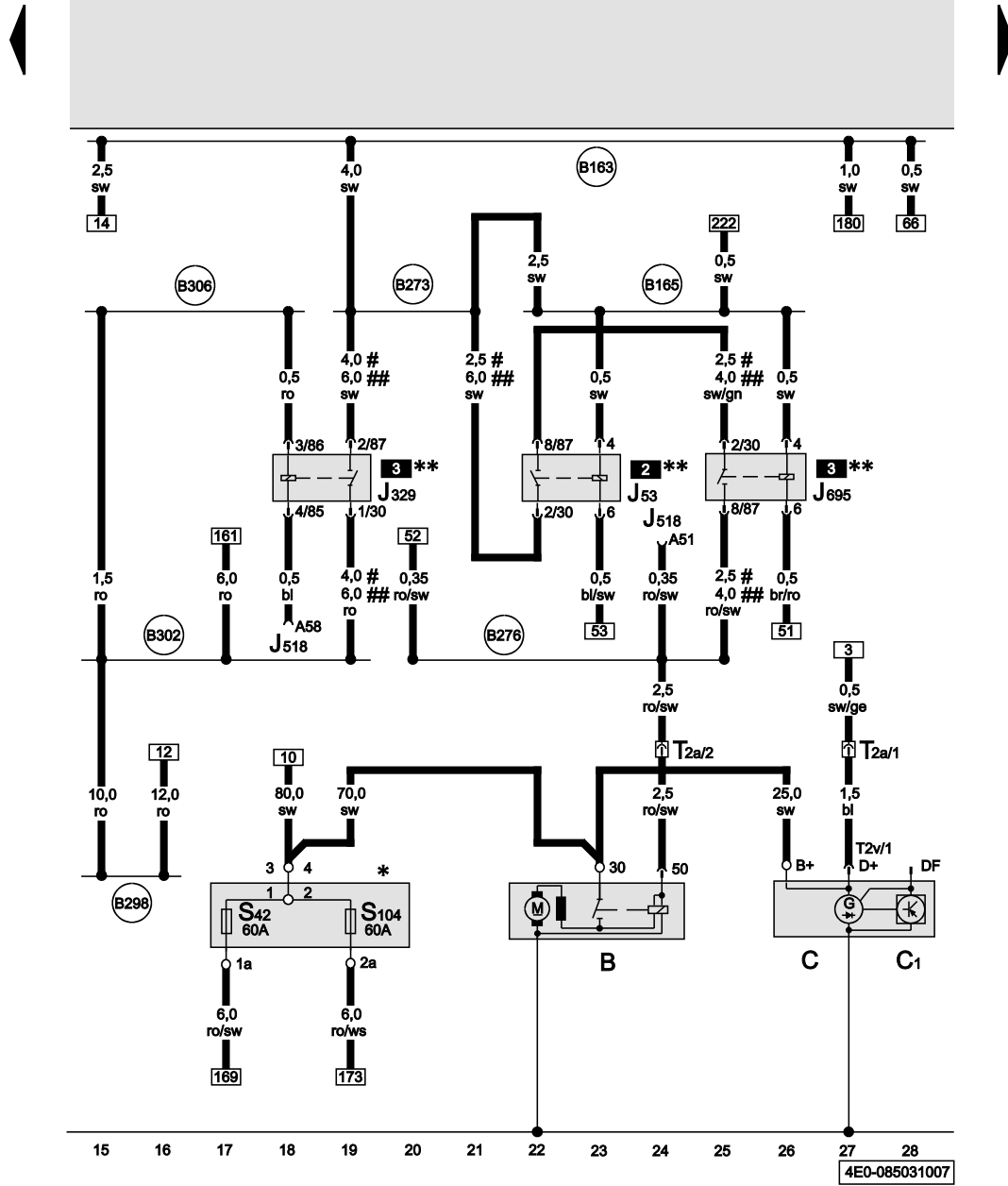
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97-85041

Starter, alternator, terminal 15 voltage supply relay, starter motor relay

- B Starter
- C Alternator
- C1 Voltage regulator
- J53 Starter motor relay
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J695 Starter motor relay 2
- S42 Radiator fan single fuse
- S104 Radiator fan fuse for 2nd speed
- T2a 2-pin connector, black, in front right engine compartment
- T2v 2-pin connector, red, on alternator

- B163 Positive connection 1 (15), in interior wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B276 Positive connection (50), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B306 Positive connection 10 (30), in main wiring harness
- \* Main fuse carrier right A-pillar
- \*\* relay carrier front passenger footwell
- # up to April 2006
- ## from May 2006



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Automatic glow period control unit, terminal 30 voltage supply relay, glow plugs, glow plug fuse

- J179 Automatic glow period control unit
- J317 Terminal 30 voltage supply relay
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- Q14 Glow plug 5
- Q15 Glow plug 6
- S125 Glow plug fuse

(85) Earth connection 1, in engine compartment wiring harness

(B147) Positive connection 2 (87), in interior wiring harness

(B305) Positive connection 9 (30), in main wiring harness

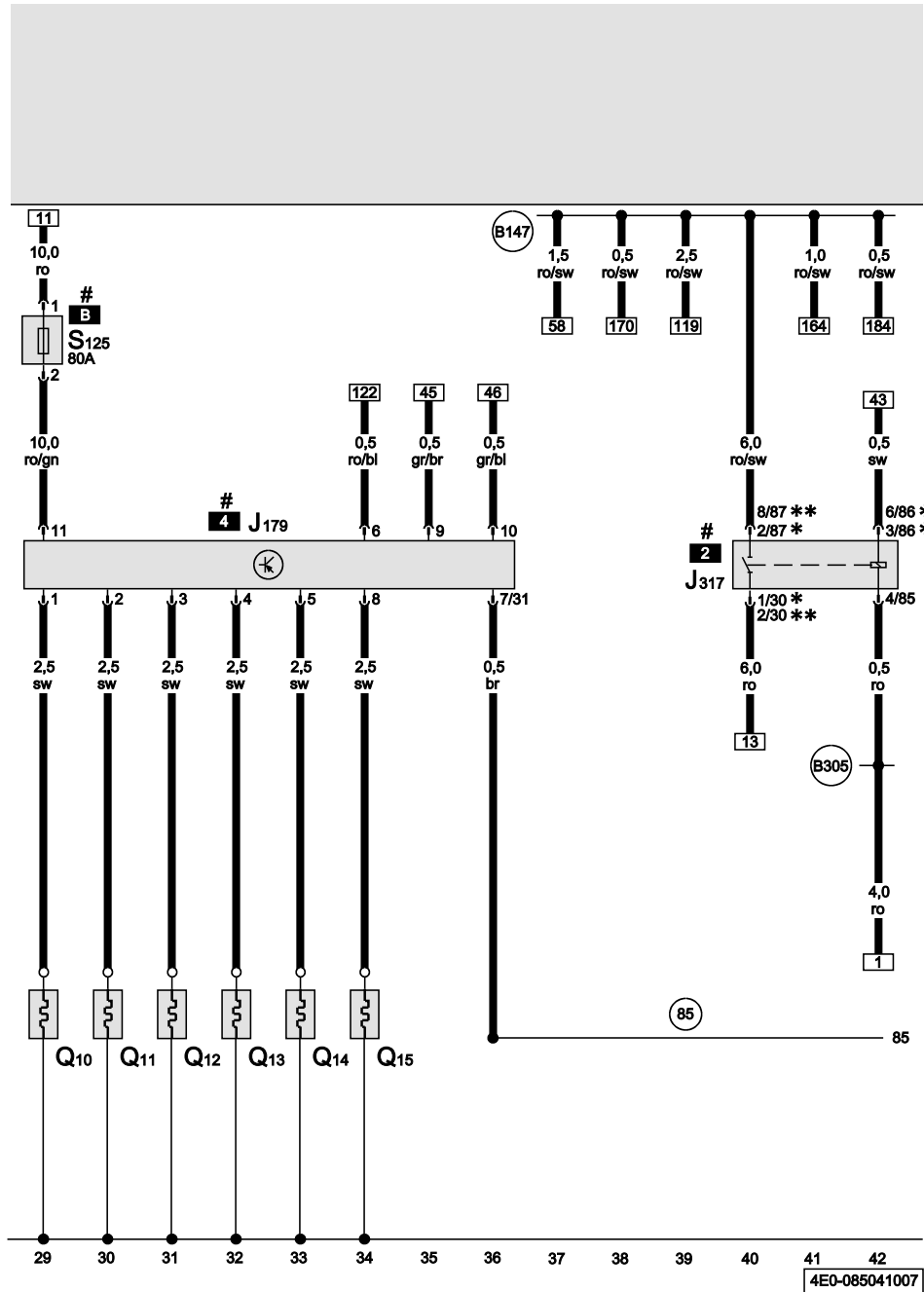
\* up to August 2007

\*\* from September 2007

# Relay carrier electronics box in plenum chamber



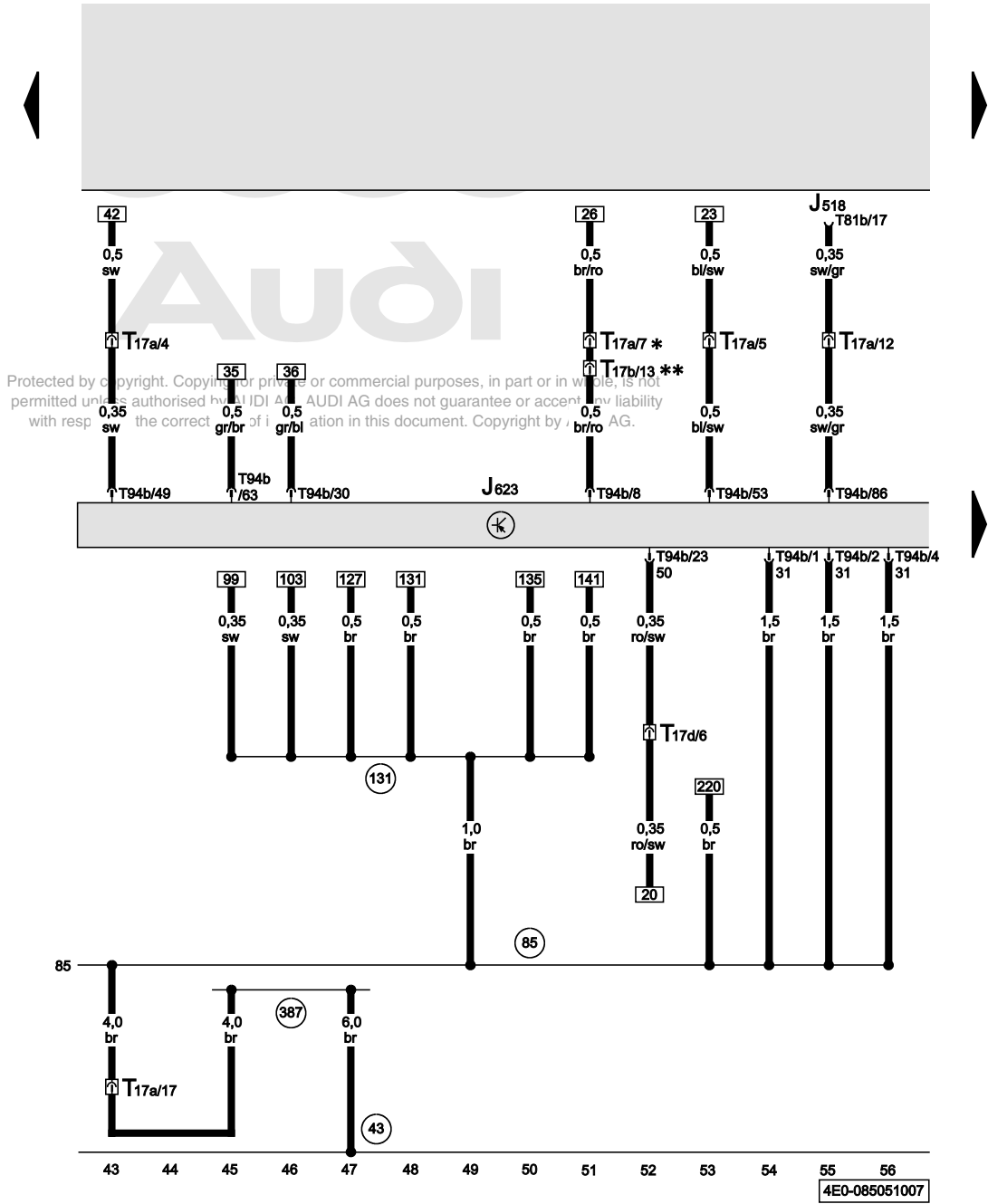
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4E0-085041007





Engine control unit

- J518 Entry and start authorisation control unit
- J623 Engine control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T81b 81-pin connector, black, connector A, on entry and start authorisation control unit
- T94b 94-pin connector, black, connector B, on engine control unit

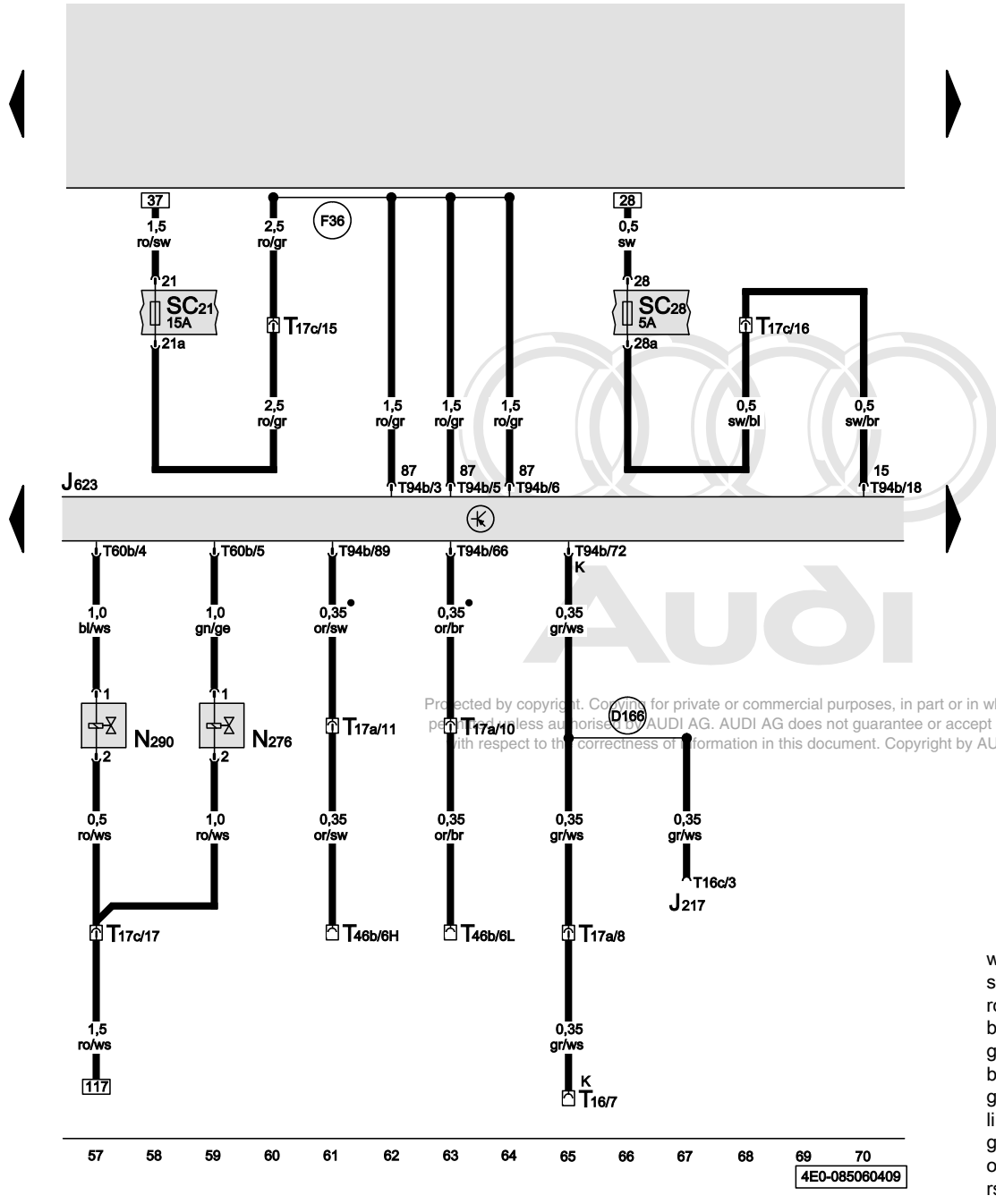
- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness

\* up to August 2007  
 \*\* from September 2007

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Engine control unit, fuel pressure regulating valve, fuel metering valve

- J217 Automatic gearbox control unit
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC21 Fuse 21 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T16 16-pin connector, black, diagnostic connection
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T46b 46-pin connector, black, CAN bus disconnecter right
- T60b 60-pin connector, black, connector A, on engine control unit
- T94b 94-pin connector, black, connector B, on engine control unit
- D166 Connection (K-diagnosis wiring), in engine compartment wiring harness
- F36 Connection (87a), in diesel direct injection system wiring harness
- CAN bus (data wire)



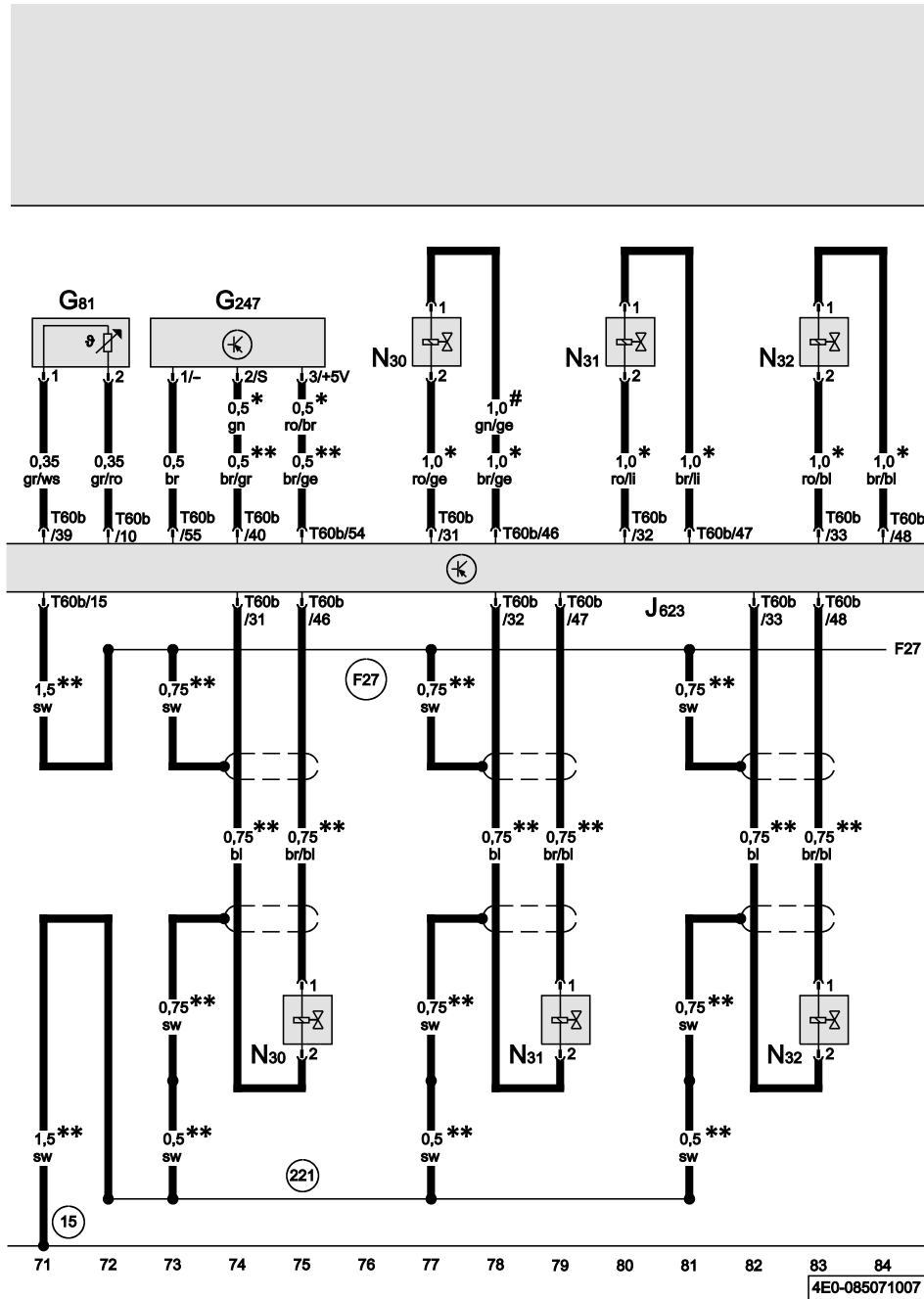
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Engine control unit, fuel temperature sender, fuel pressure sender, injector, cylinder 1 - 3

- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- T60b 60-pin connector, black, connector A, on engine control unit

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- F27 Connection (screening), in diesel direct injection wiring harness
- \* phased from March 2005
- \*\* no longer fitted, phased from March 2005
- # phased-in modification

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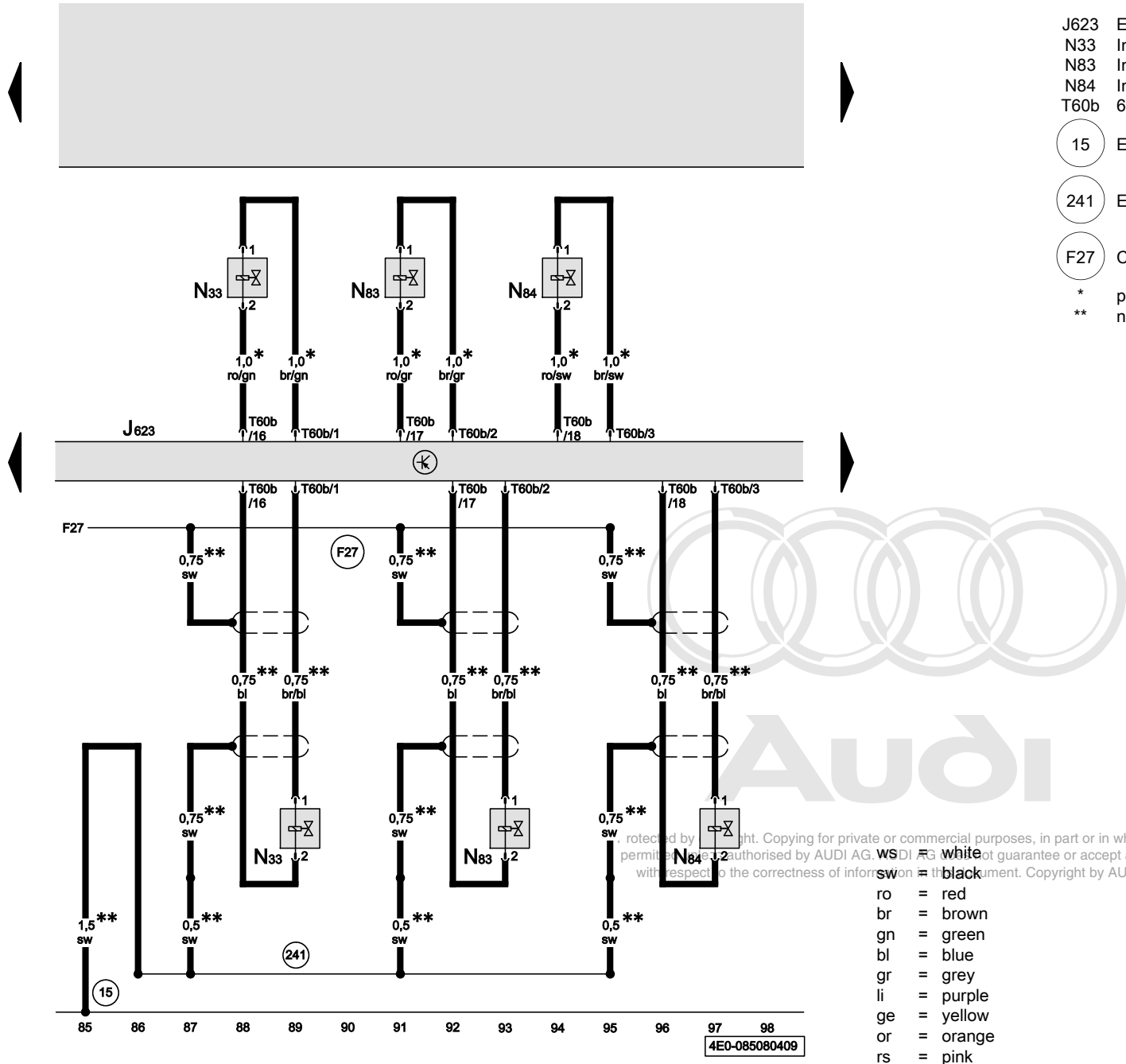


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Engine control unit, injectors cylinder 4 up to 6

- J623 Engine control unit
- N33 Injector, cylinder 4
- N83 Injector, cylinder 5
- N84 Injector, cylinder 6
- T60b 60-pin connector, black, connector A, on engine control unit

- (15) Earth point, on cylinder head
- (241) Earth connection 2 engine earth, in engine wiring harness
- (F27) Connection (screening), in diesel direct injection wiring harness
- \* phased from March 2005
- \*\* no longer fitted, phased from March 2005



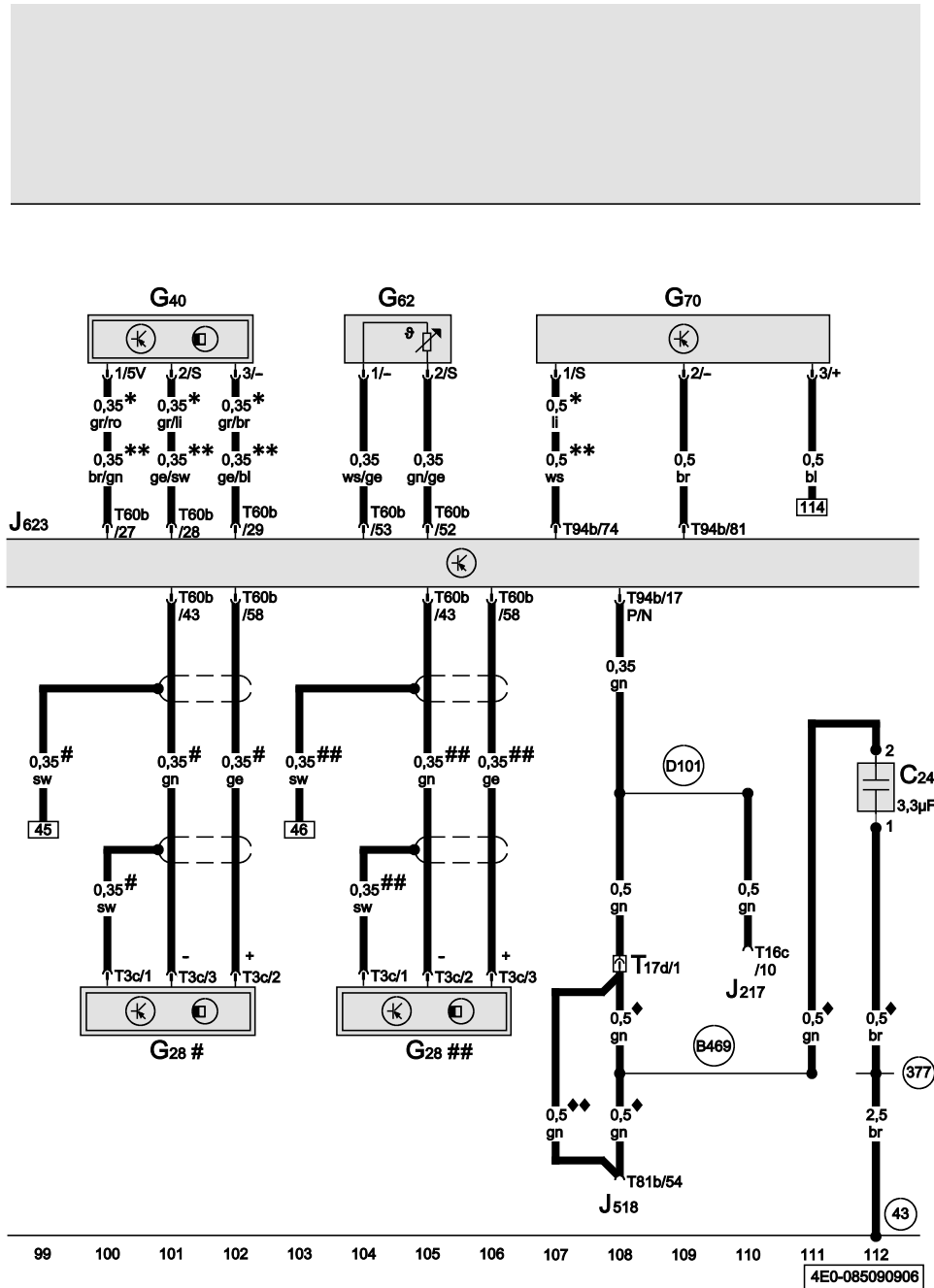
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Engine control unit, Hall sender, air mass meter, engine speed sender, coolant temperature sender, suppression filter

- C24 Suppression filter
- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G70 Air mass meter
- J217 Automatic gearbox control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- T3c 3-pin connector, grey, on engine speed sender
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on engine control unit
- T81b 81-pin connector, black, connector A, on entry and start authorisation control unit
- T94b 94-pin connector, black, connector B, on engine control unit

- (43) Earth point, lower part of right A-pillar
- (377) Earth connection 12, in main wiring harness
- (B469) Connection 5 in main wiring harness
- (D101) Connection 1, in engine compartment wiring harness
- \* phased from March 2005
- \*\* no longer fitted, phased from March 2005
- # up to model year 2005
- ## from model year 2006, when replacing the gearbox, observe the version of the drive plate
- ◆ up to October 2005
- ◆◆ from November 2005



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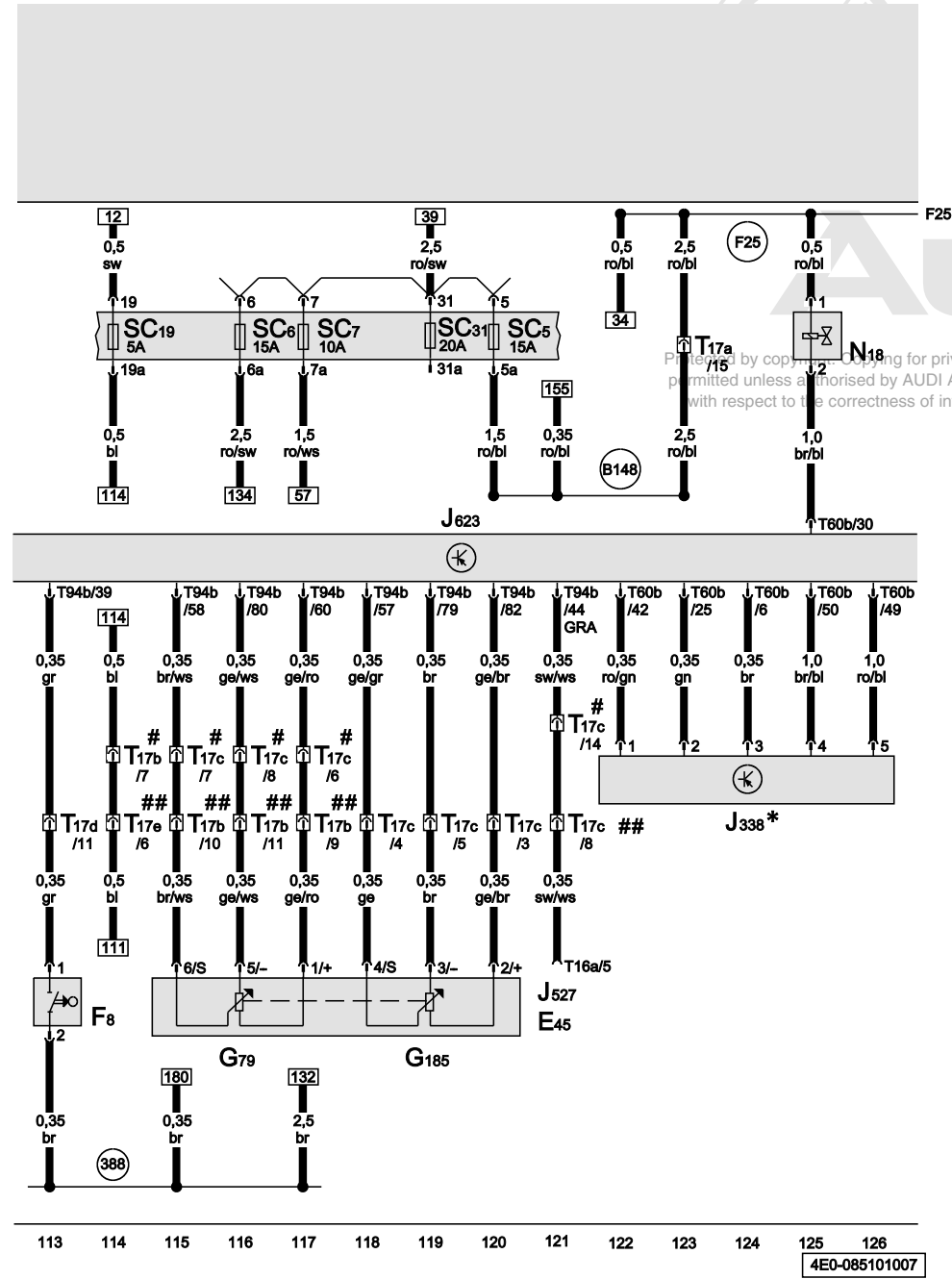
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Engine control unit, exhaust gas recirculation valve, kick-down switch, accelerator position sender, fuses

- E45 Cruise control system switch
- F8 Kick-down switch
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J338 Throttle valve module
- J527 Steering column electronics control unit
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T16a 16-pin connector, on steering column electronics control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on engine control unit
- T94b 94-pin connector, black, connector B, on engine control unit

- 388 Earth connection 23, in main wiring harness
- B148 Positive connection 3 (87), in interior wiring harness
- F25 Connection 1, in diesel direct injection system wiring harness
- \* from November 2005
- # up to August 2007
- ## from September 2007

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Engine control unit, throttle valve module, intake manifold flap motor, exhaust gas recirculation cooler change-over valve, intake air temperature sender, charge air pressure sender, lambda probe

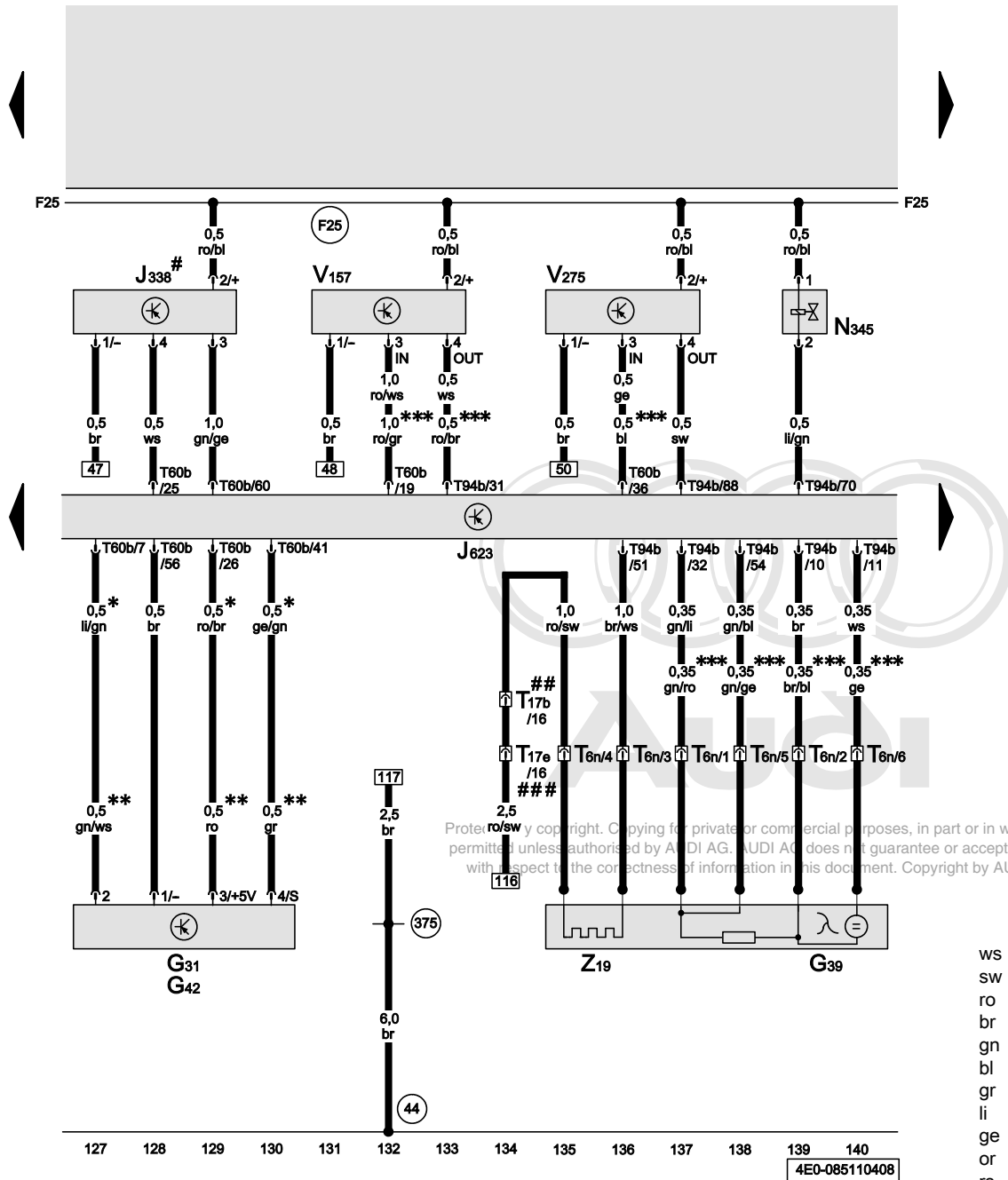
- G31 Charge air pressure sender
- G39 Lambda probe
- G42 Intake air temperature sender
- J338 Throttle valve module
- J623 Engine control unit
- N345 Exhaust gas recirculation cooler change-over valve
- T6n 6-pin connector, brown, for Lambda probe
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on engine control unit
- T94b 94-pin connector, black, connector B, on engine control unit
- V157 Intake manifold flap motor
- V275 Intake manifold flap 2 motor
- Z19 Lambda probe heater

44 Earth point, lower part of left A-pillar

375 Earth connection 10, in main wiring harness

F25 Connection 1, in diesel direct injection system wiring harness

- \* phased from March 2005
- \*\* no longer fitted, phased from March 2005
- \*\* phased-in modification
- # up to October 2005
- ## up to August 2007
- ### from September 2007



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Engine control unit, turbocharger 1 control unit, exhaust temperature sender, electro-hydraulic engine mounting solenoid valve, gearbox mounting valve, temperature sender before particulate filter, exhaust gas pressure sensor 1

- G235 Exhaust gas temperature sender 1
- G448 Bank 1 exhaust gas temperature sender 2
- G450 Exhaust gas pressure sensor 1
- G506 Temperature sender before particulate filter
- J623 Engine control unit
- J724 Turbocharger 1 control unit
- N144 Left electrohydraulic engine mounting solenoid valve
- N145 Right electrohydraulic engine mounting solenoid valve
- N262 Gearbox mounting valve 1
- N263 Gearbox mounting valve 2
- T60b 60-pin connector, black, connector A, on engine control unit
- T94b 94-pin connector, black, connector B, on engine control unit

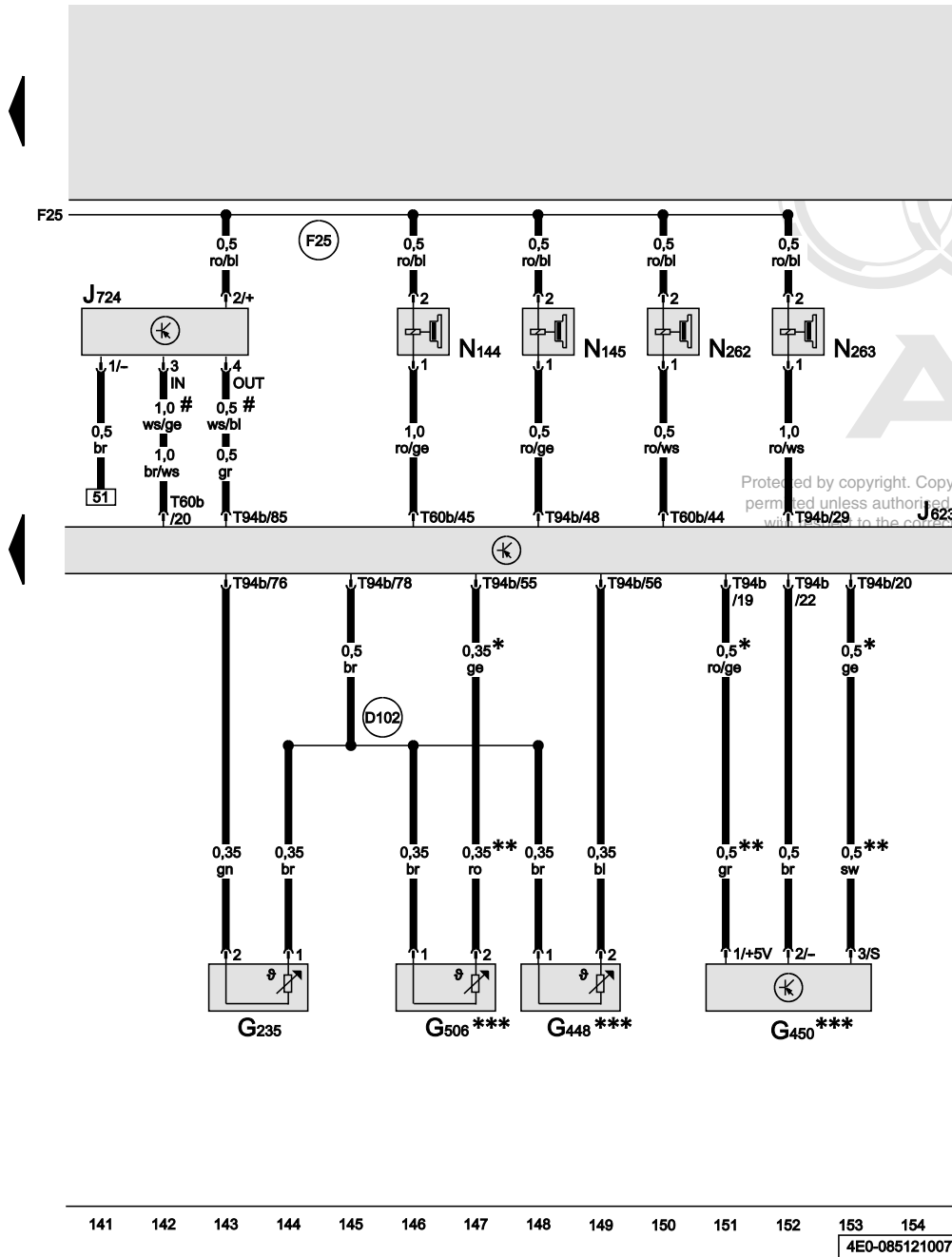
131 Earth connection 2, in engine compartment wiring harness

D102 Connection 2, in engine compartment wiring harness

F25 Connection 1, in diesel direct injection system wiring harness

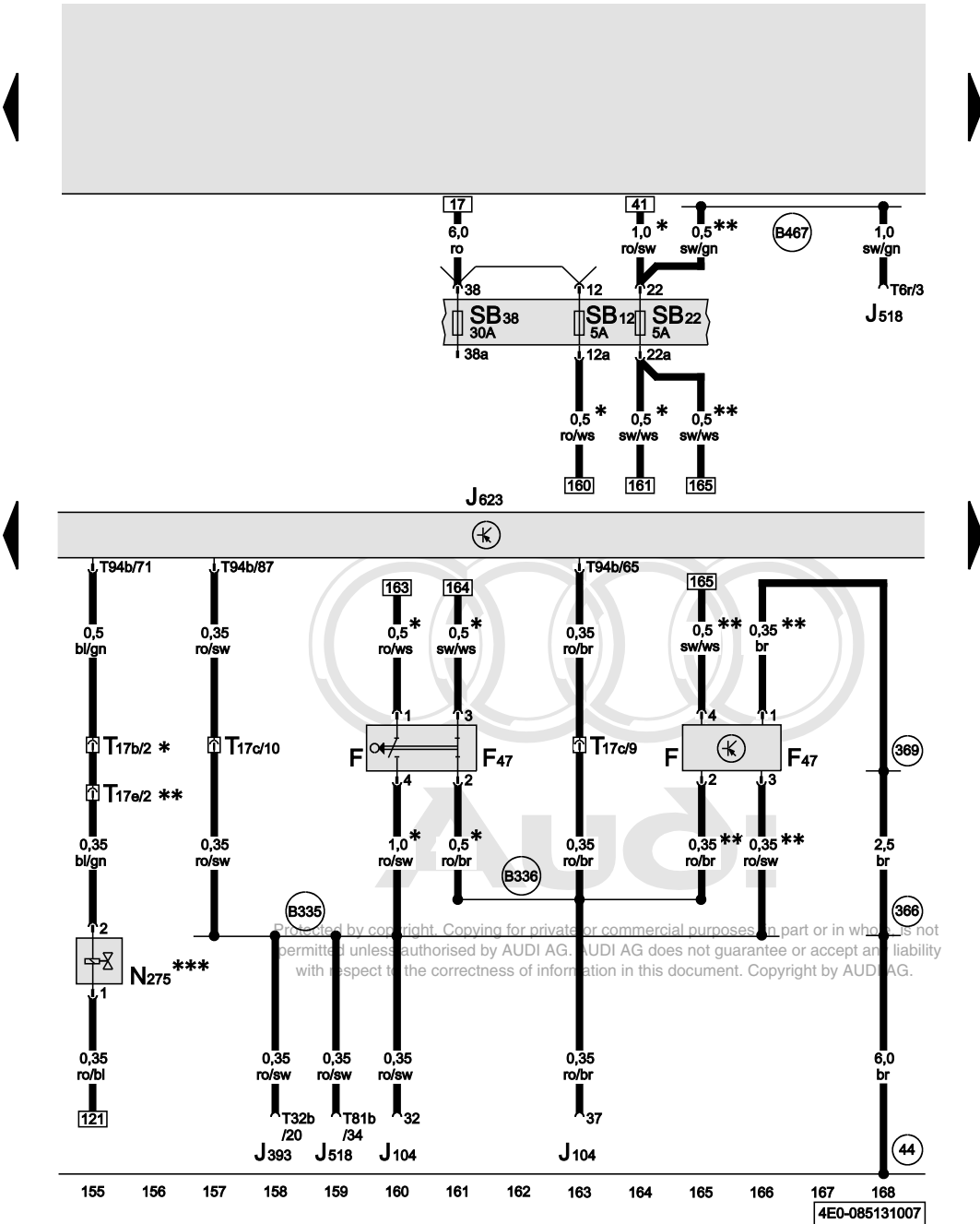
- \* phased from March 2005
- \*\* no longer fitted, phased from March 2005
- \*\*\* with particulate filter
- # phased-in modification

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Engine control unit, brake light switch, air filter bypass flap valve



- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J393 Convenience system central control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- N275 Air filter bypass flap valve
- SB12 Fuse 12 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T6r 6-pin connector, black, connector B, on entry and start authorisation control unit
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T32b 32-pin connector, connector B, on convenience system central control unit
- T81b 81-pin connector, black, connector A, on entry and start authorisation control unit
- T94b 94-pin connector, black, connector B, on engine control unit
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- B467 Connection 3 in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- \* up to August 2007
- \*\* from September 2007
- \*\*\* countries with cold climate only

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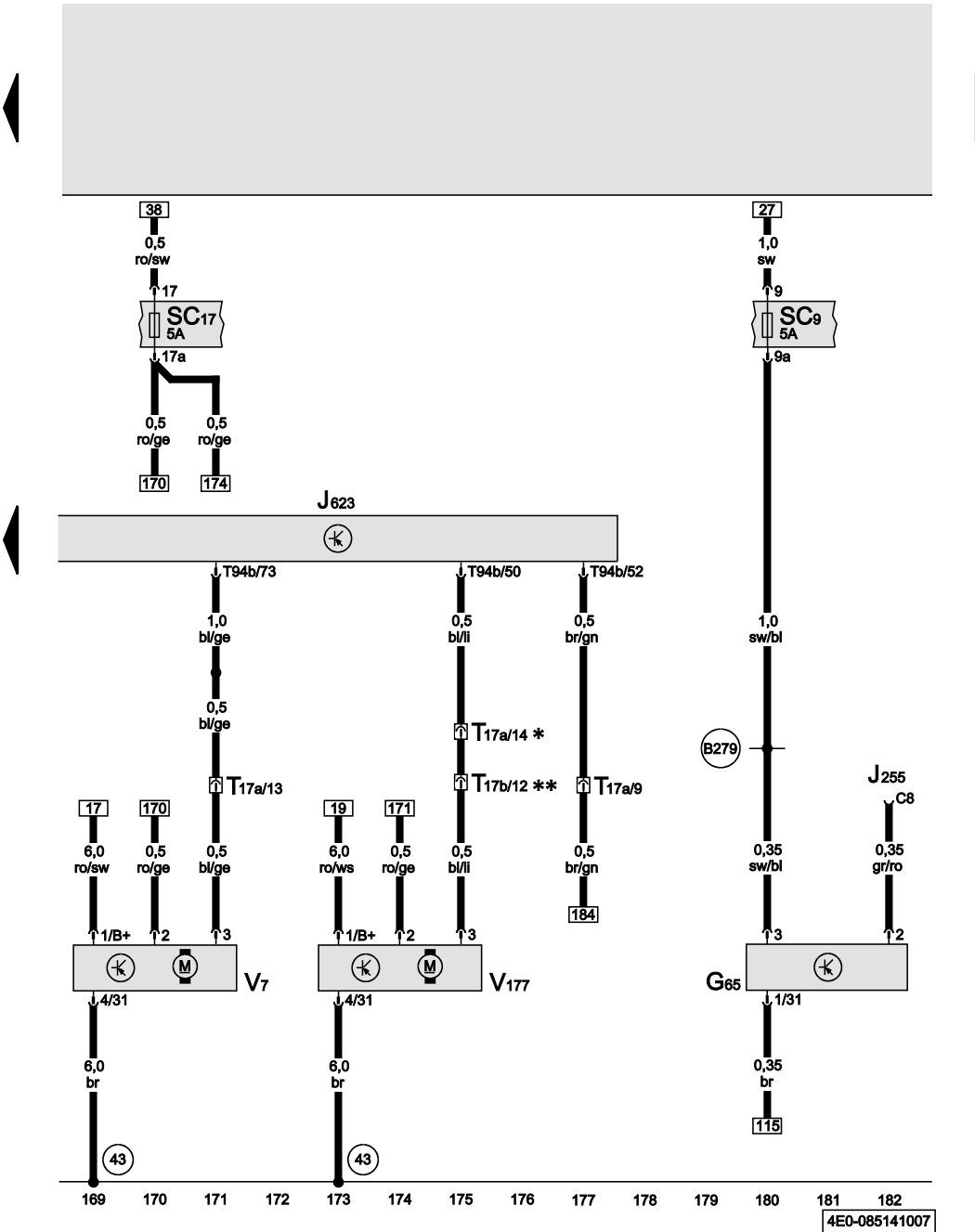
Engine control unit, radiator fan, high-pressure sender

- G65 High pressure sender
- J255 Climatronic control unit
- J623 Engine control unit
- SC9 Fuse 9 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T94b 94-pin connector, black, connector B, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

43 Earth point, lower part of right A-pillar

B279 Positive connection 3 (15a), in main wiring harness

\* up to August 2007  
 \*\* from September 2007



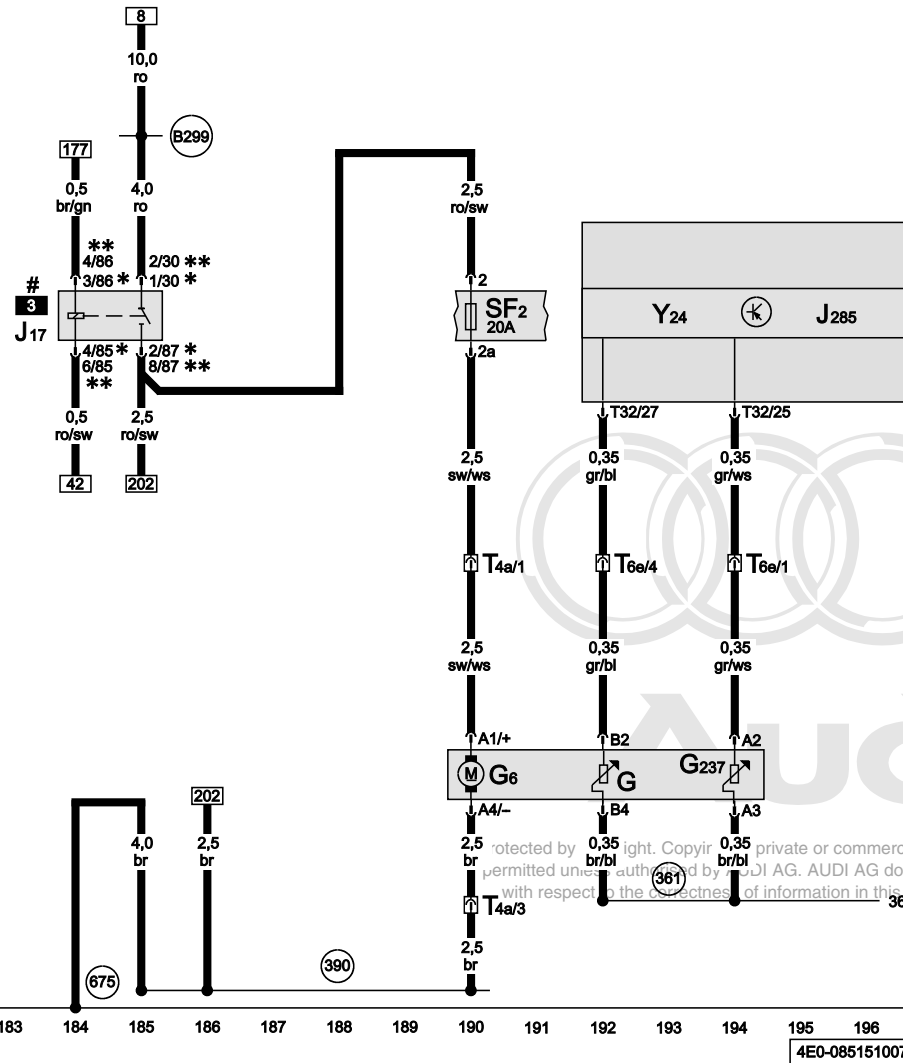
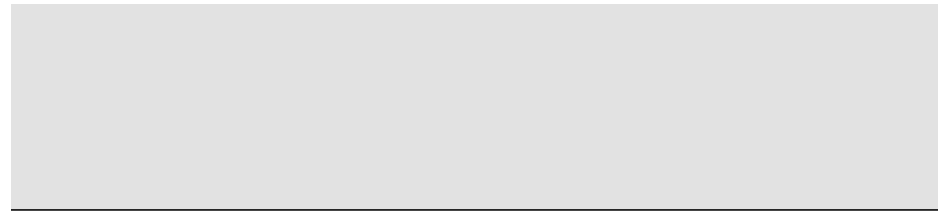
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Control unit in dash panel insert, fuel pump relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- G237 Fuel gauge sender 3
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- SF2 Fuse 2 on fuse holder F
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert
- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 675 Earth point 2, on right in luggage compartment
- B299 Positive connection 3 (30), in main wiring harness
- \* up to August 2007
- \*\* from September 2007
- # Relay and fuse carrier right in luggage compartment

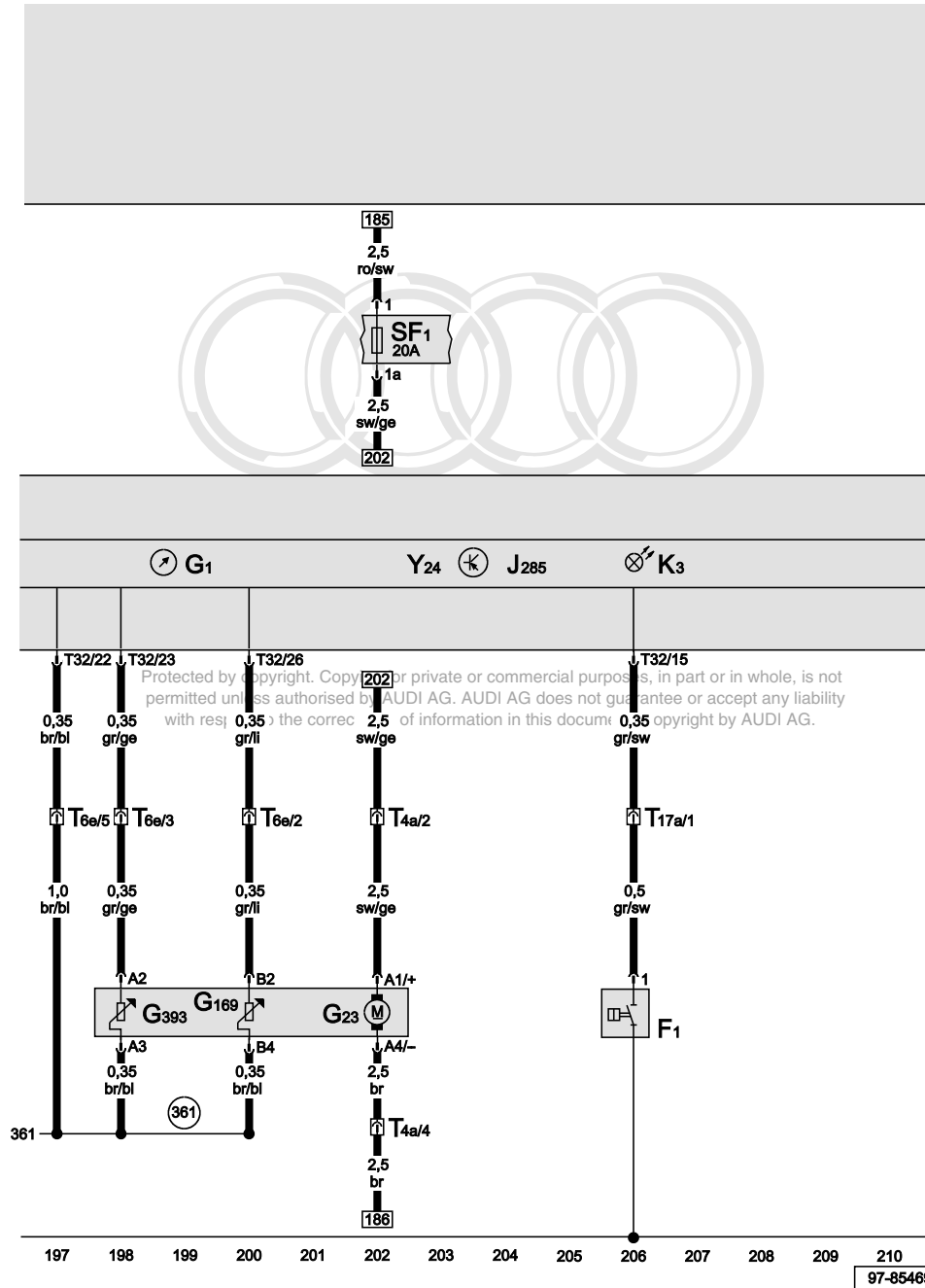


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4E0-085151007

Control unit in dash panel insert, fuel gauge, fuel pump, fuel gauge sender, oil pressure warning lamp, oil pressure switch

- F1 Oil pressure switch
  - G1 Fuel gauge
  - G23 Fuel pump
  - G169 Fuel gauge sender 2
  - G393 Fuel gauge sender 4
  - J285 Control unit in dash panel insert
  - K3 Oil pressure warning lamp
  - SF1 Fuse 1 on fuse holder F
  - T4a 4-pin connector, under right cover on vehicle floor
  - T6e 6-pin connector, under right cover on vehicle floor
  - T17a 17-pin connector, black, in electronics box in plenum chamber
  - T32 32-pin connector, blue, on dash panel insert
  - Y24 Display in dash panel insert
- 361 Earth connection (fuel gauge sender), in main wiring harness



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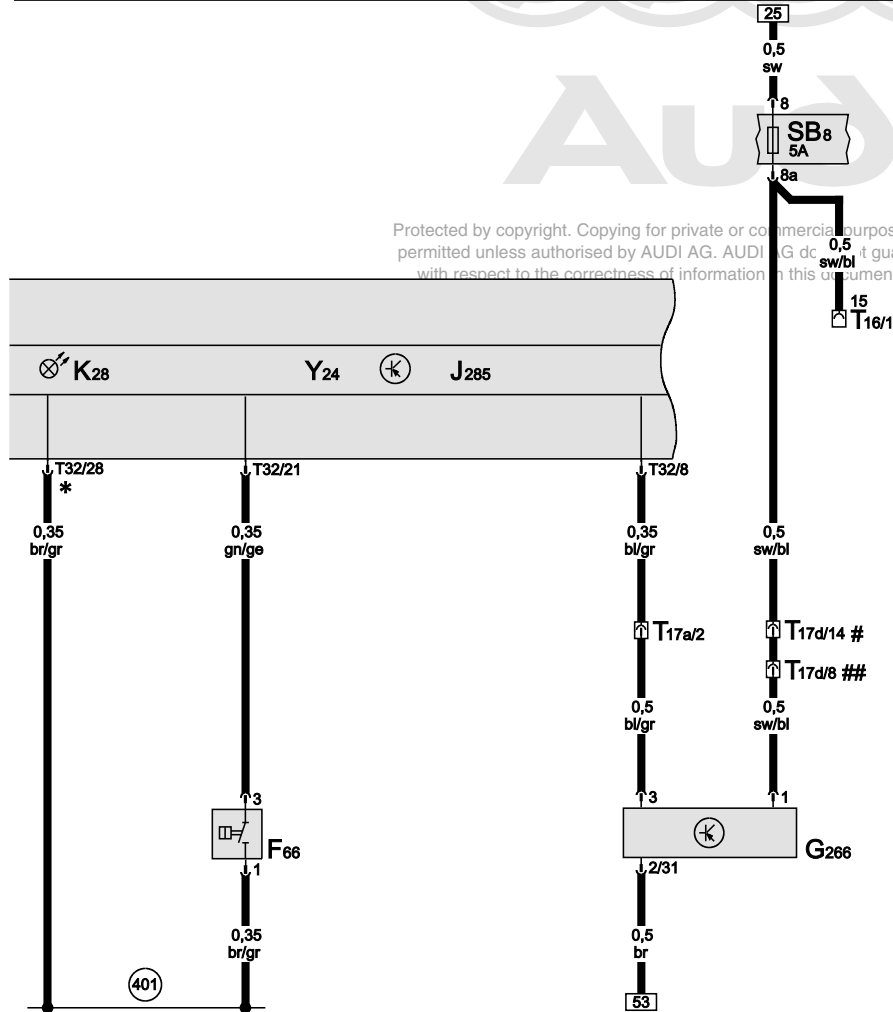
Control unit in dash panel insert, coolant shortage indicator switch, oil level and oil temperature sender

- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- SB8 Fuse 8 on fuse holder B
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

401 Earth connection (sender earth), in interior wiring harness

- \* output sender earth
- # up to August 2007
- ## from September 2007

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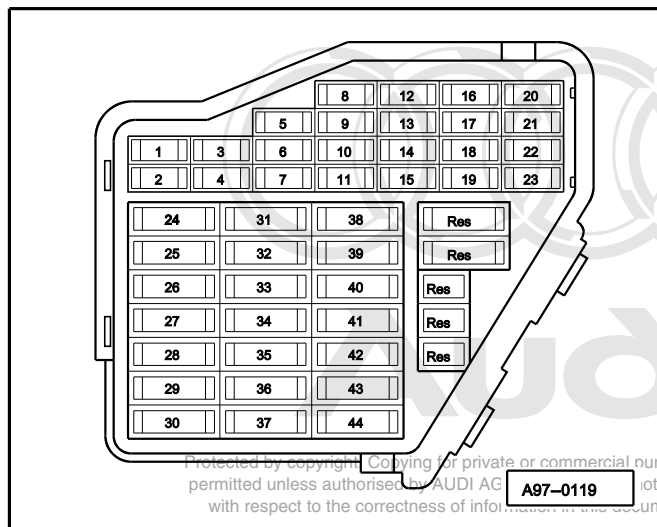
211 212 213 214 215 216 217 218 219 220 221 222 223 224

4E0-085171007

### Audi A8 4.0 I - TDI, Common Rail, (202 kW - 8-cylinder) engine code ASE

from model year 2005

#### Fuse holder, left dash panel



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A97-0119

#### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

1 A - black

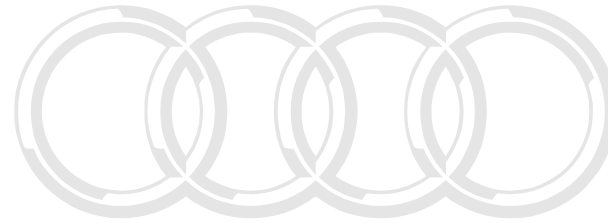
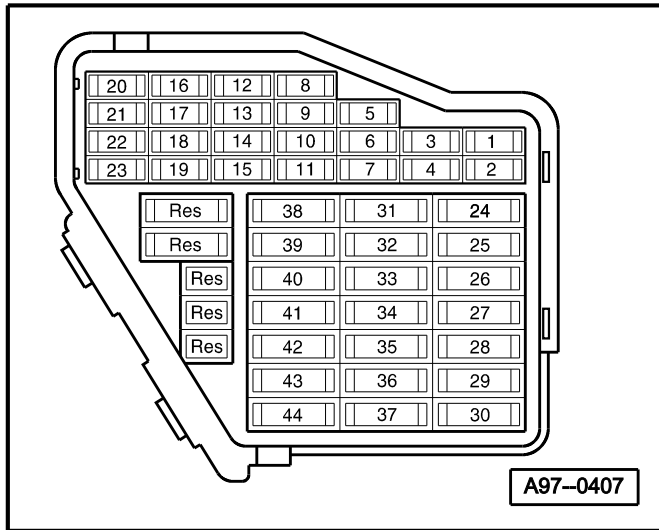
SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

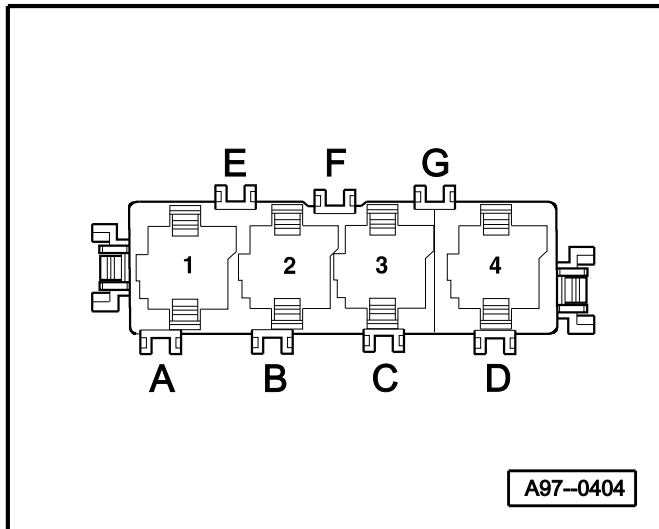
Fuse holder right dash panel



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Relay carrier electronics box in plenum chamber

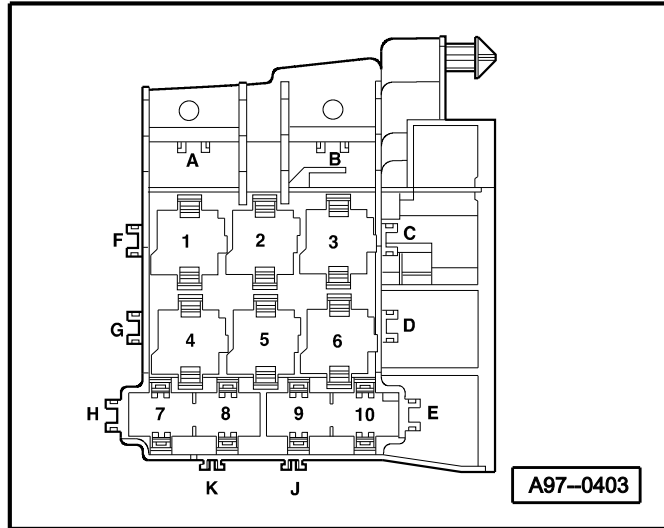


Relay positions

- 1 - Glow plug relay (J52)
- 2 - Terminal 30 voltage supply relay (J317)

- 3 - Glow plugs relay 2 (J495)
- B - Glow plug fuse (S125, 80A)
- C - Glow plug fuse 2 (S189, 80A)

**Relay and fuse carrier behind left dash panel**



Relay positions

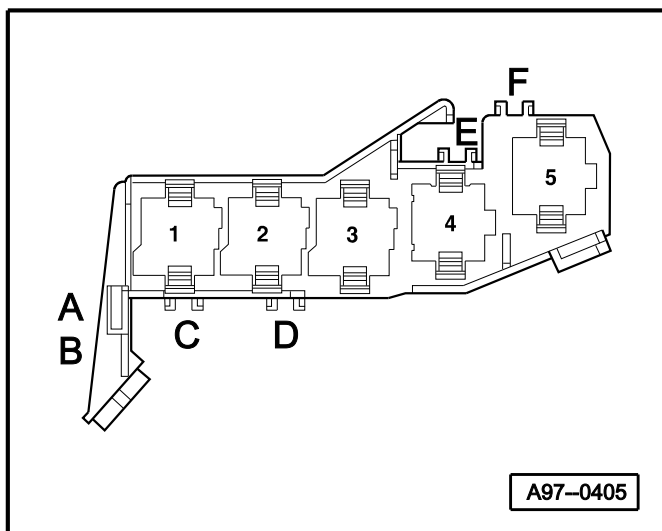
- 3 - Terminal 15 voltage supply relay (J329)



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relay carrier front passenger footwell



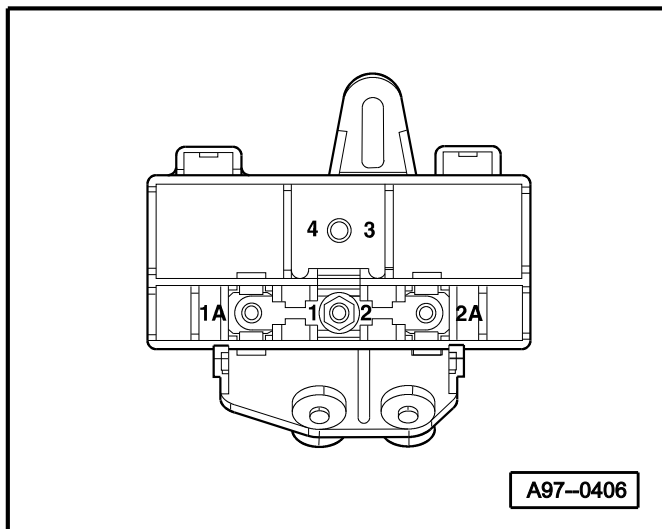
Relay positions

- 1.1 - Fuel cooling pump relay (J445)
- 2 - Starter motor relay (J53)
- 3 - Starter motor relay 2 (J695)



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Assignment main fuse carrier right A-pillar



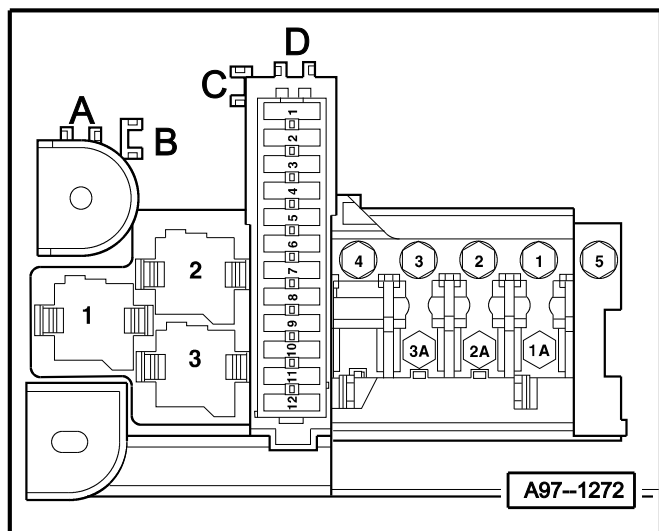
Fuse locations

- 1 - Radiator fan single fuse (S42, 60A)
- 1A - Radiator fan screw point 1
- 2 - Radiator fan fuse for 2nd speed (S104, 60A)
- 2A - Radiator fan screw point 2
- 3 - Terminal 30 screw point (battery)
- 4 - Terminal 30 screw point (starter)



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Relay and fuse carrier right in luggage compartment



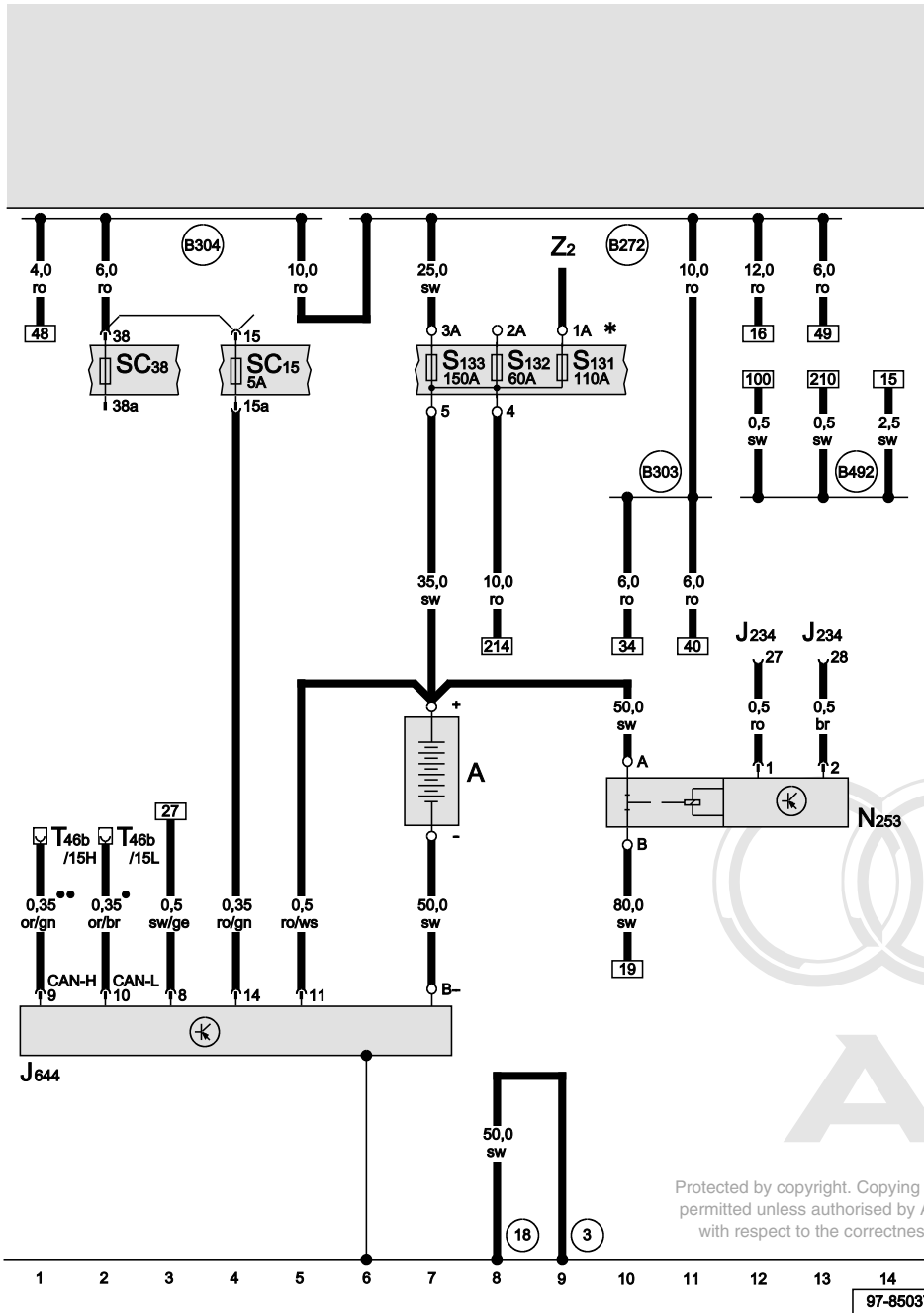
Relay positions

3 - Fuel pump relay (J17)



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Battery, energy management control unit, battery isolation igniter

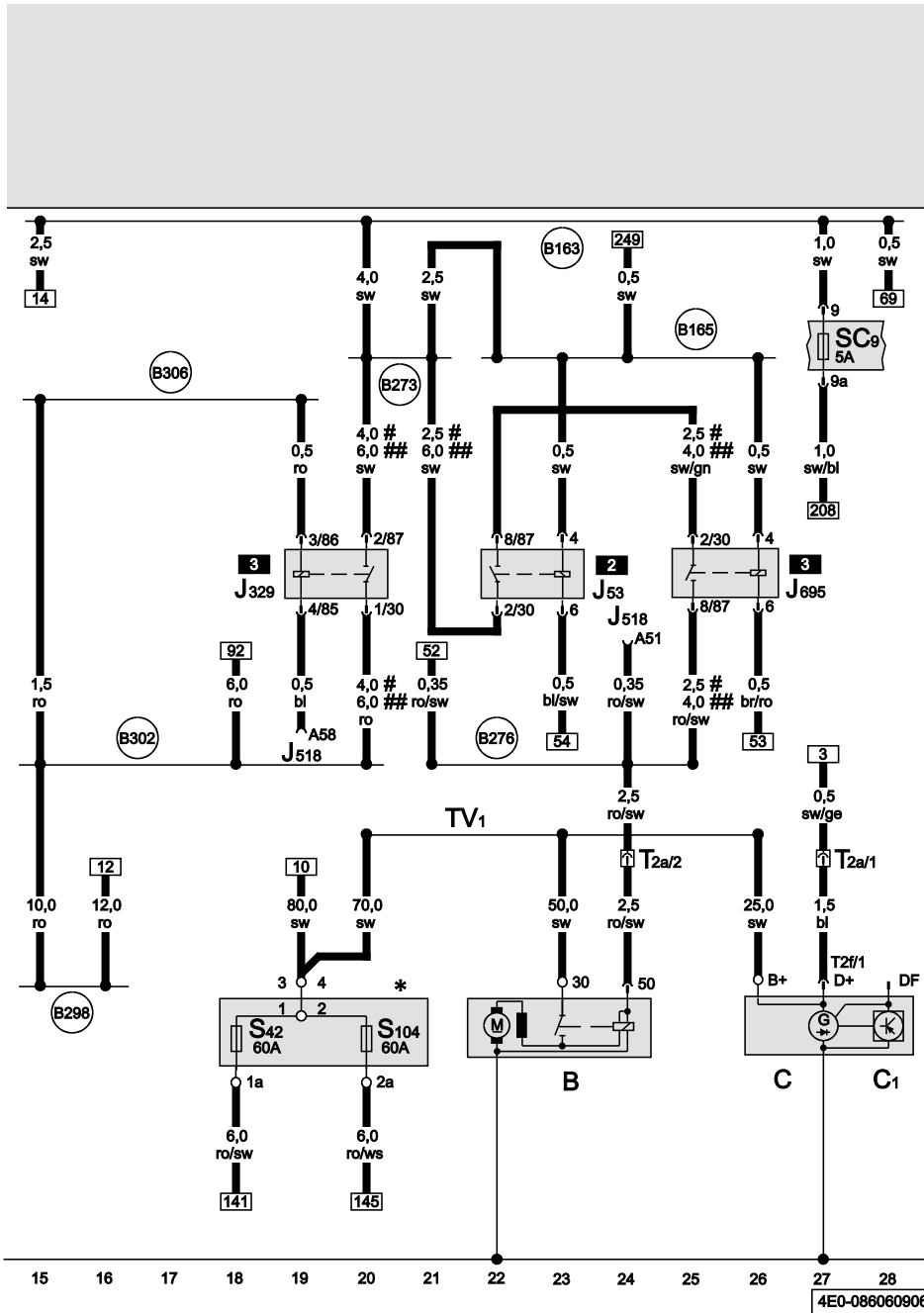


- A Battery
- J234 Airbag control unit
- J644 Energy management control unit
- N253 Battery isolation igniter
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SC15 Fuse 15 on fuse holder
- SC38 Fuse 38 on fuse holder
- T46b 46-pin connector, black, CAN separating connector right
- Z2 Heated windscreen
- 3 Earth strap, engine - body
- 18 Earth point on engine block
- B272 Positive connection (30), in main wiring harness
- B303 Positive connection 7 (30), in main wiring harness
- B304 Positive connection 8 (30), in main wiring harness
- B492 Positive connection 3 (15), in interior wiring harness
- CAN bus (data wire)
- \* In luggage compartment, rear right

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Starter, alternator, terminal 15 voltage supply relay, starter motor relay



- B Starter
- C Alternator
- C1 Voltage regulator
- J53 Starter motor relay
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J695 Starter motor relay 2
- S42 Radiator fan single fuse
- S104 Radiator fan fuse for 2nd speed
- SC9 Fuse 9 on fuse holder
- T2a 2-pin connector, black, in front right engine compartment
- T2f 2-pin connector, black, on alternator
- TV1 Wiring junction

- B163 Positive connection 1 (15), in interior wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B276 Positive connection (50), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B306 Positive connection 10 (30), in main wiring harness
- \* Main fuse carrier right A-pillar
- # up to April 2006
- ## from May 2006

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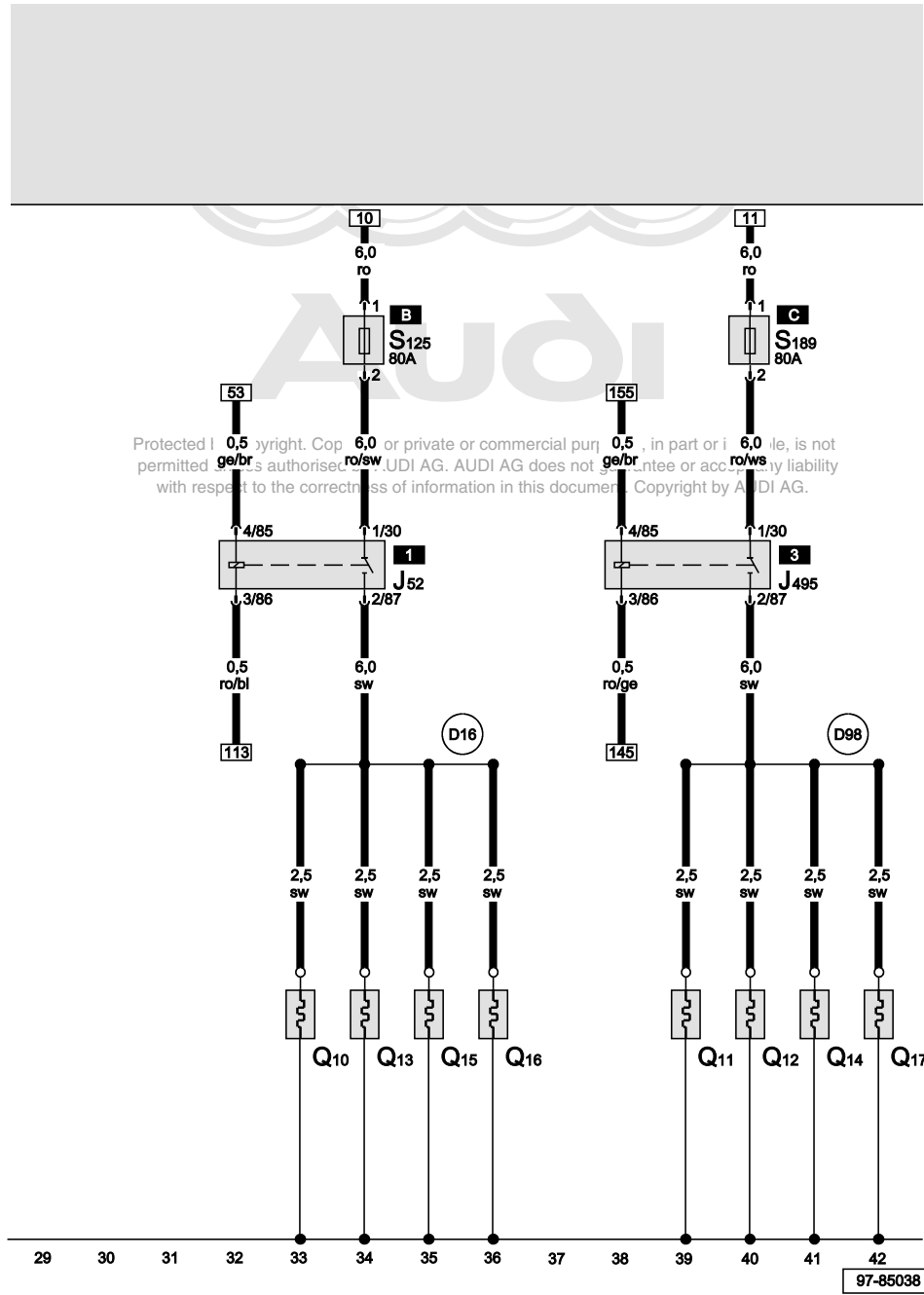
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Glow plug relay, glow plugs

- J52 Glow plug relay
- J495 Glow plug relay 2
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- Q14 Glow plug 5
- Q15 Glow plug 6
- Q16 Glow plug 7
- Q17 Glow plug 8
- S125 Glow plug fuse
- S189 Glow plug fuse 2

D16 Connection (glow plugs), in front right wiring harness

D98 Connection (glow plugs), in engine compartment wiring harness

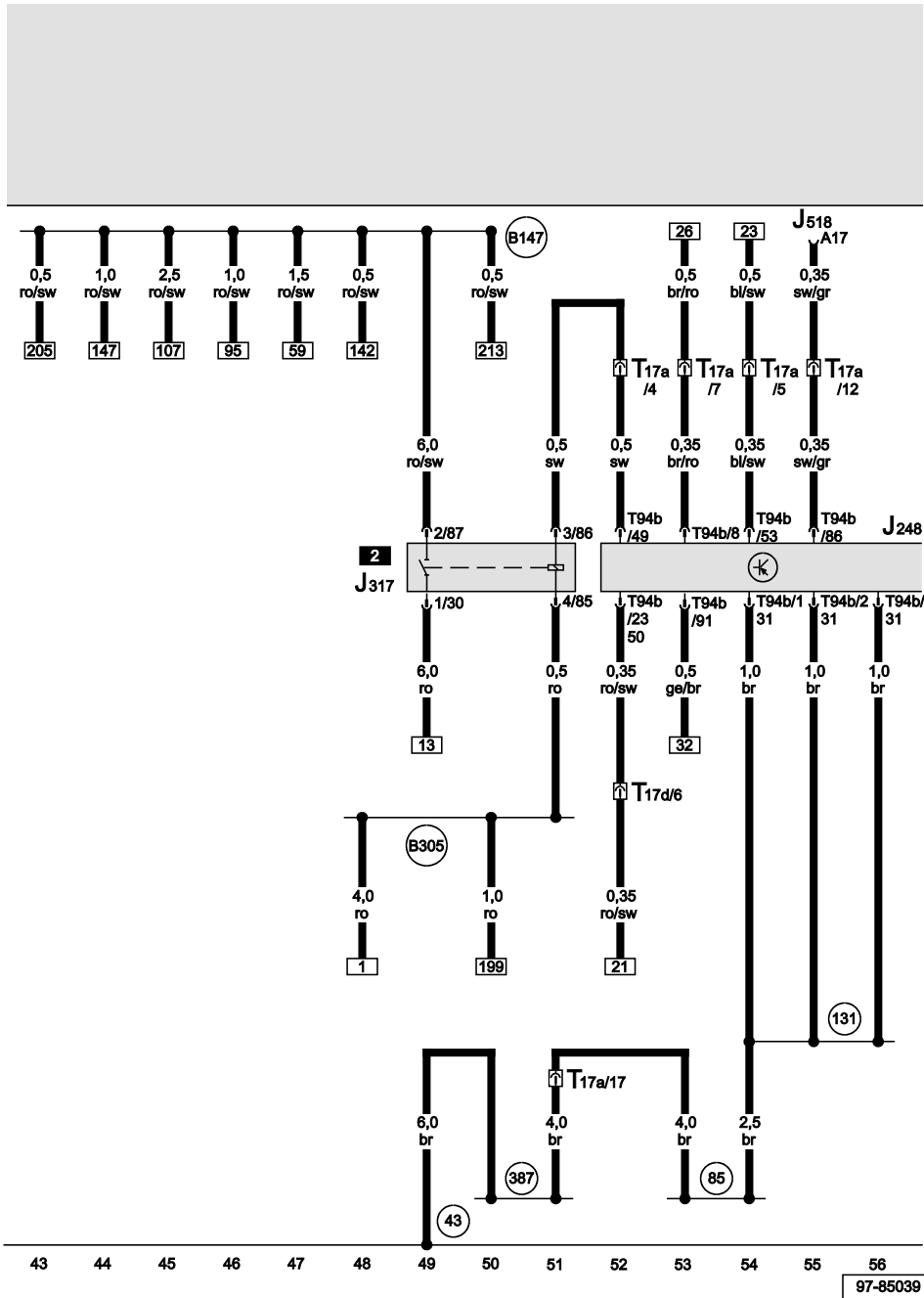


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Diesel direct injection system control unit, terminal 30 voltage supply relay

- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- J518 Entry and start authorisation control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

- 43 Earth point, lower part of right A-pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness
- B147 Positive connection 2 (87), in interior wiring harness
- B305 Positive connection 9 (30), in main wiring harness

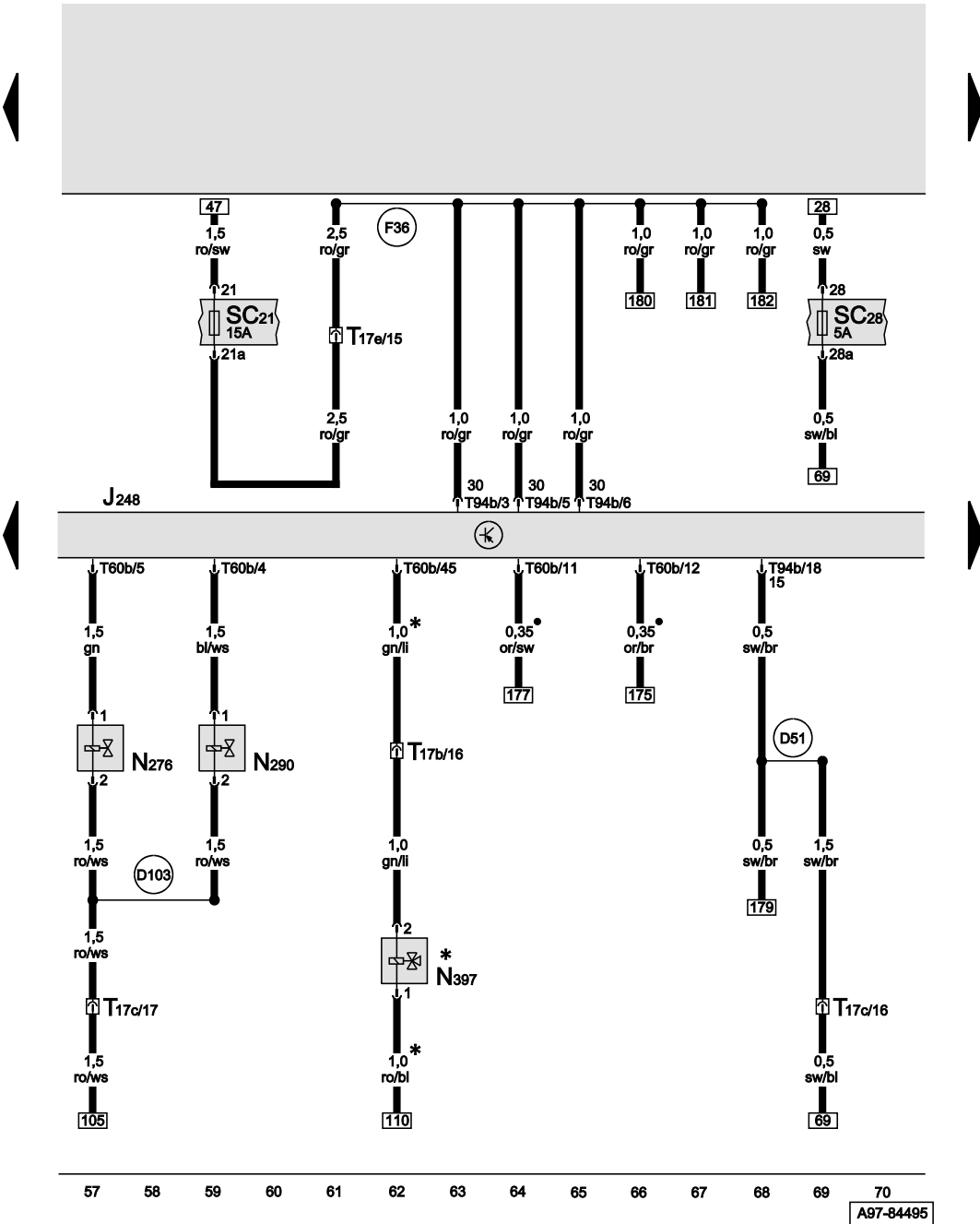


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Diesel direct injection system control unit, fuel pressure regulating valve, water spray protection flap valve in intake manifold, fuel metering valve

- J248 Diesel direct injection system control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N397 Water spray protection flap valve in intake manifold
- SC21 Fuse 21 on fuse holder
- SC28 Fuse 28 on fuse holder
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit
- D51 Positive connection 1 (15), in engine compartment wiring harness
- D103 Connection 3, in engine compartment wiring harness
- F36 Connection (87a), in diesel direct injection system wiring harness
- CAN bus (data wire)
- \* countries with cold climate only



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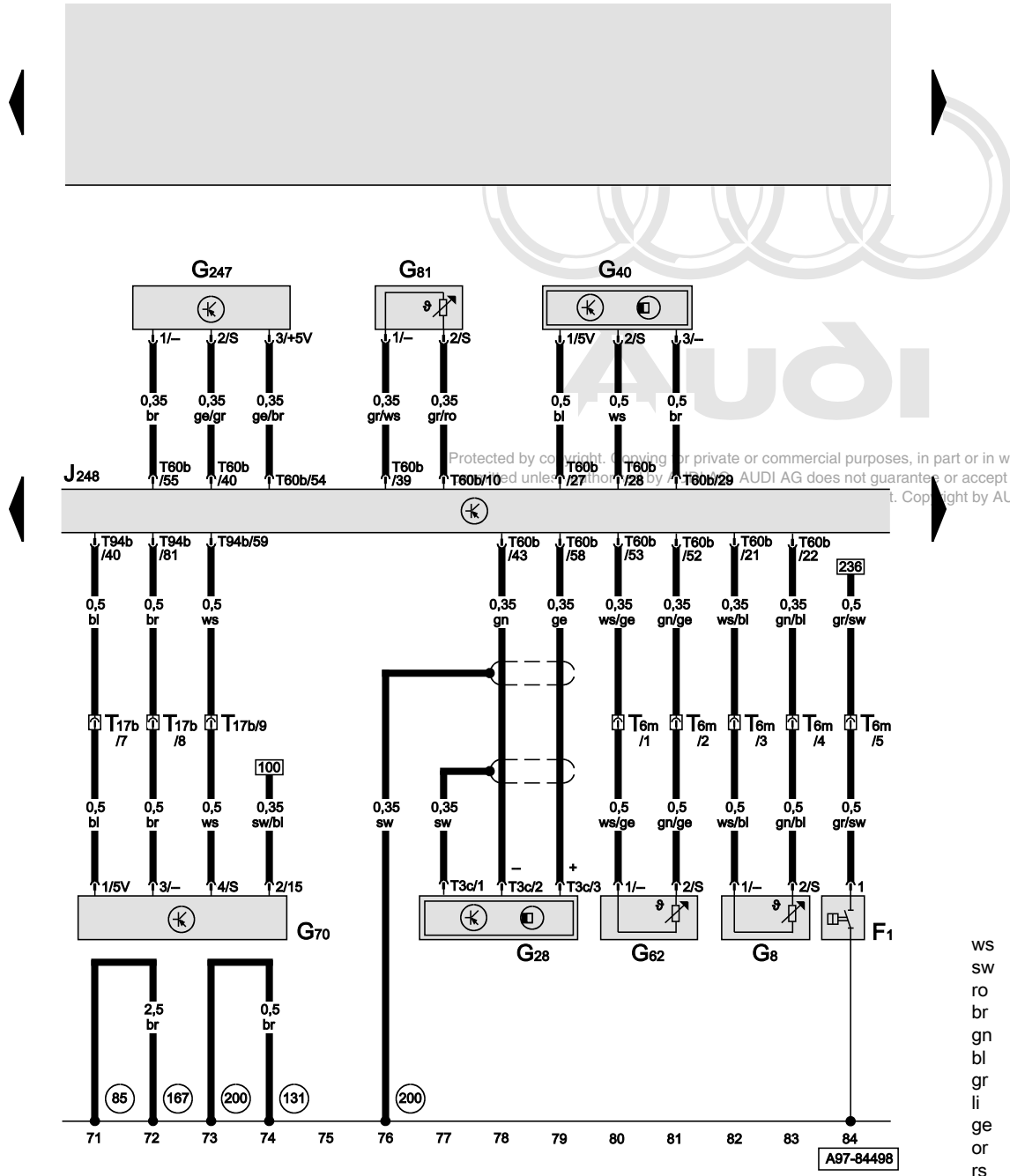


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Diesel direct injection system control unit, coolant temperature sender, oil temperature sender, fuel temperature sender, air mass meter, engine speed sender, Hall sender, fuel pressure sender, oil pressure switch

- F1 Oil pressure switch
- G8 Oil temperature sender
- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G70 Air mass meter
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J248 Diesel direct injection system control unit
- T3c 3-pin connector, grey, on engine speed sender
- T6m 6-pin connector, black, in left engine compartment
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit



- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 200 Earth connection (screening) in engine compartment wiring harness

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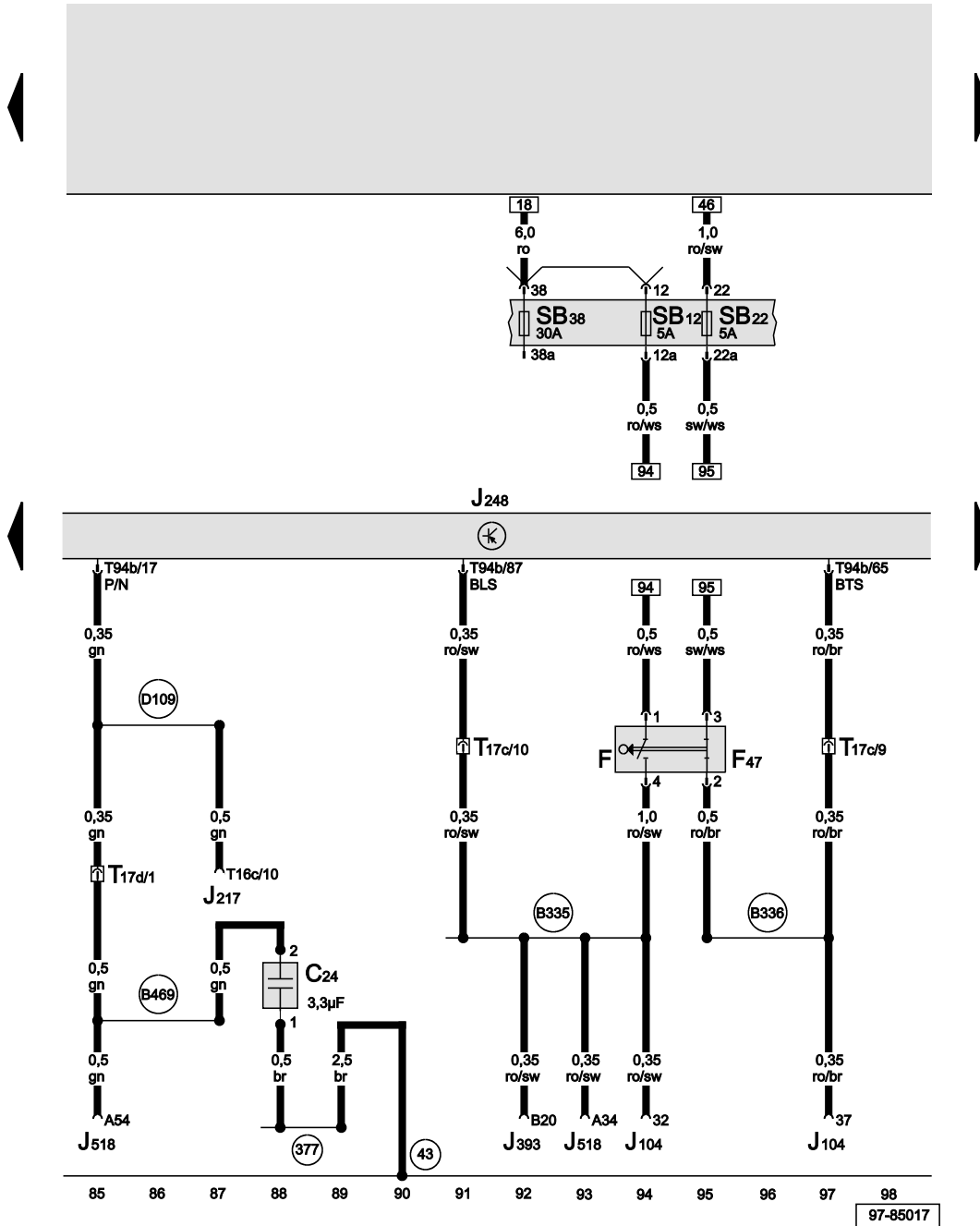
Diesel direct injection system control unit, brake light switch

- C24 Suppression filter
- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J393 Convenience system central control unit
- J518 Entry and start authorisation control unit
- SB12 Fuse 12 on fuse holder
- SB22 Fuse 22 on fuse holder
- SB38 Fuse 38 on fuse holder
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

- 43 Earth point, lower part of right A-pillar
- 377 Earth connection 12, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B469 Connection 5, in main wiring harness
- D109 Connection 7, in engine compartment wiring harness

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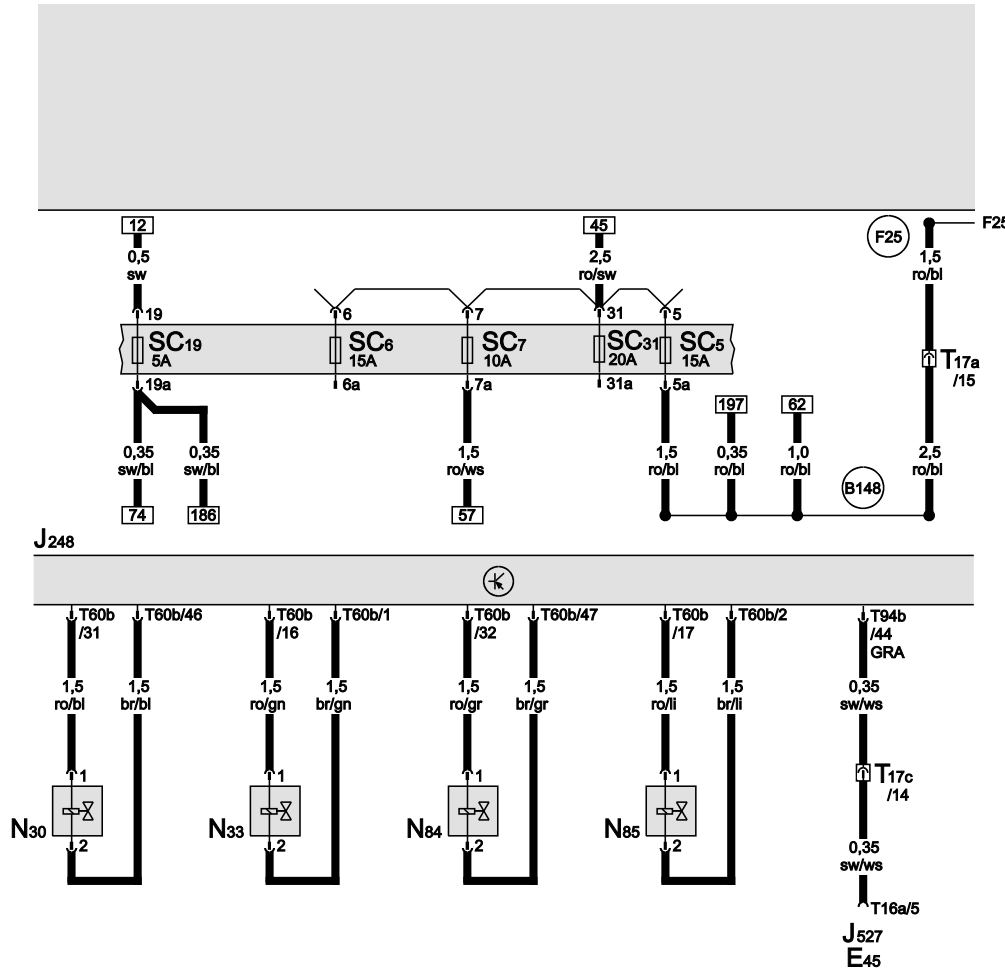
Diesel direct injection system control unit, injector, cylinder 1 - 4, 6 and 7, fuses

- E45 Cruise control system switch
- J248 Diesel direct injection system control unit
- J527 Steering column electronics control unit
- N30 Injector, cylinder 1
- N33 Injector, cylinder 4
- N84 Injector, cylinder 6
- N85 Injector, cylinder 7
- SC5 Fuse 5 on fuse holder
- SC6 Fuse 6 on fuse holder
- SC7 Fuse 7 on fuse holder
- SC19 Fuse 19 on fuse holder
- SC31 Fuse 31 on fuse holder
- T16a 16-pin connector, on steering column electronics control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

**B148** Positive connection 3 (87), in interior wiring harness

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**F25** Connection 1, in diesel direct injection system wiring harness

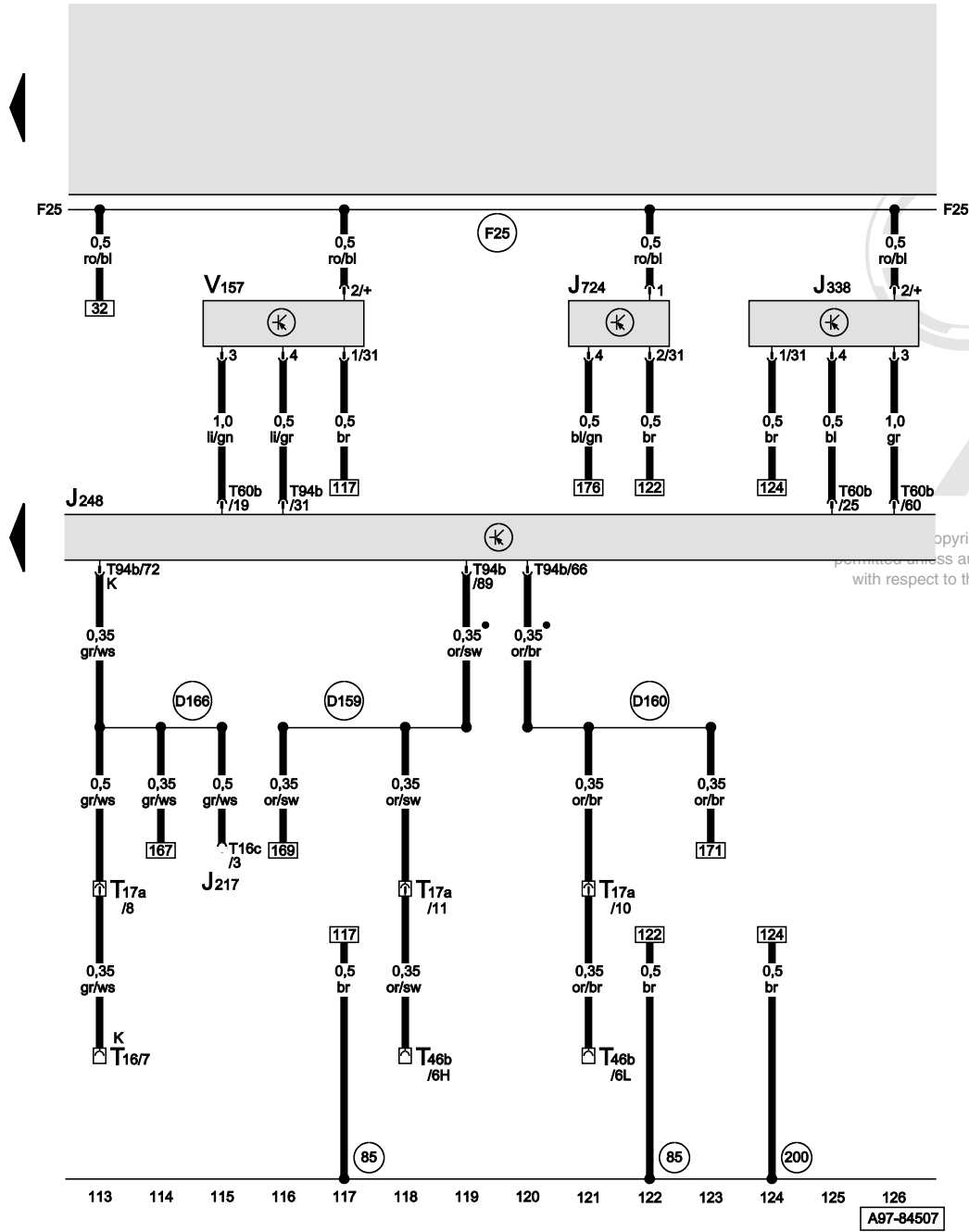


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Diesel direct injection system control unit, throttle valve module, turbocharger 1 control unit, intake manifold flap motor

- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J338 Throttle valve module
- J724 Turbocharger 1 control unit
- T16 16-pin connector, black, diagnostic connection
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T46b 46-pin connector, black, CAN bus separating connector right
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit
- V157 Intake manifold flap motor

- 85 Earth connection 1, in engine compartment wiring harness
- 200 Earth connection (screening) in engine compartment wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- D166 Connection (K-diagnosis wiring), in engine compartment wiring harness
- F25 Connection 1, in diesel direct injection system wiring harness
- CAN bus (data wire)



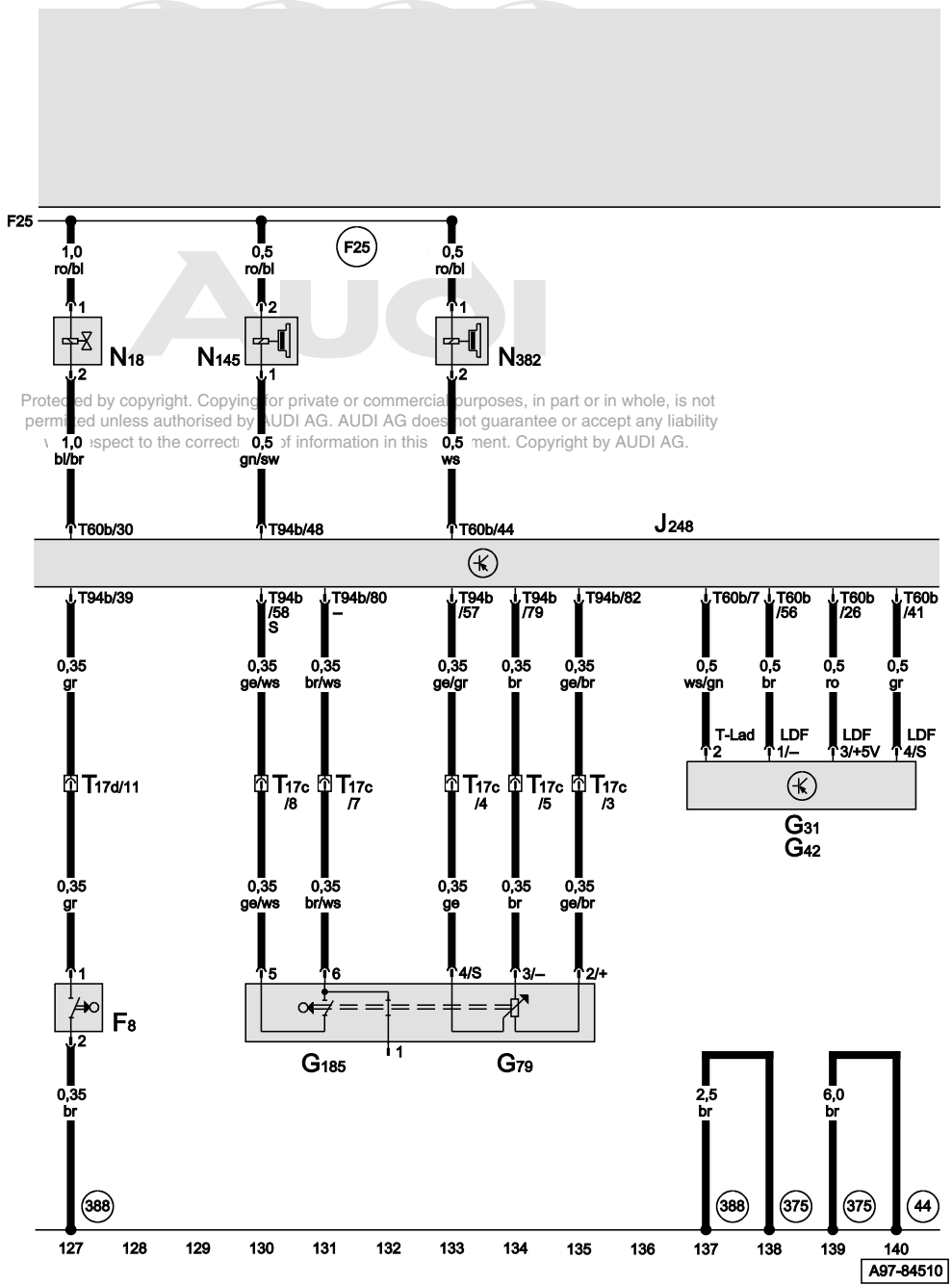
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Diesel direct injection system control unit, exhaust gas recirculation valve, kick-down switch, accelerator position sender, right electrohydraulic engine mounting solenoid valve, torque rod valve, charge air pressure sender, intake air temperature sender

- F8 Kick-down switch
- G31 Charge air pressure sender
- G42 Intake air temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N145 Right electrohydraulic engine mounting solenoid valve
- N382 Torque rod valve
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

- 44 Earth point, lower part of left A-pillar
- 375 Earth connection 10, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- F25 Connection 1, in diesel direct injection system wiring harness



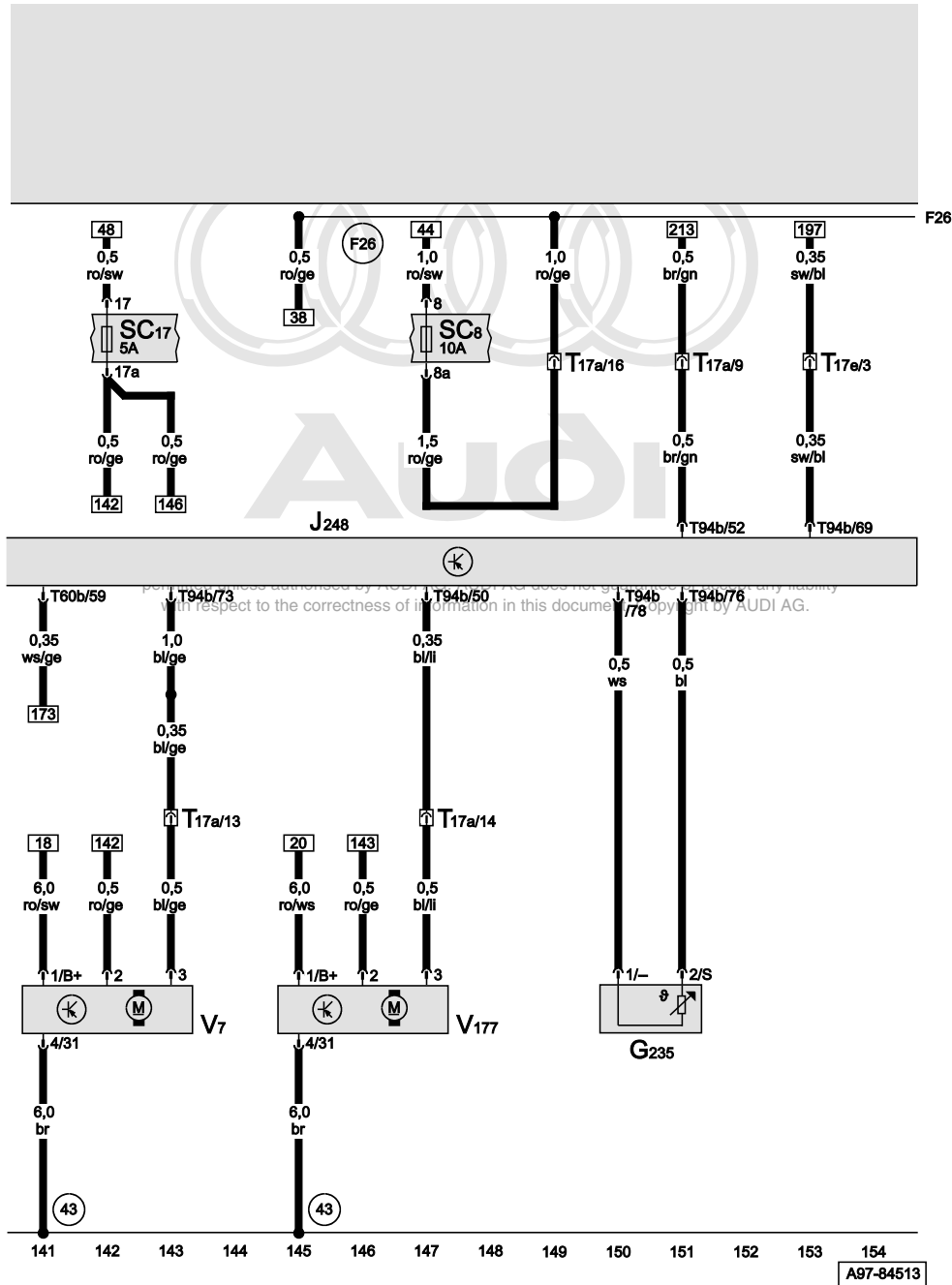
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Diesel direct injection system control unit, radiator fan, exhaust gas temperature sender 1

- G235 Exhaust gas temperature sender 1
- J248 Diesel direct injection system control unit
- SC8 Fuse 8 on fuse holder
- SC17 Fuse 17 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- T60b 60-pin connector, black, connector A, on diesel direct injection system control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit
- V7 Radiator fan
- V177 Radiator fan 2

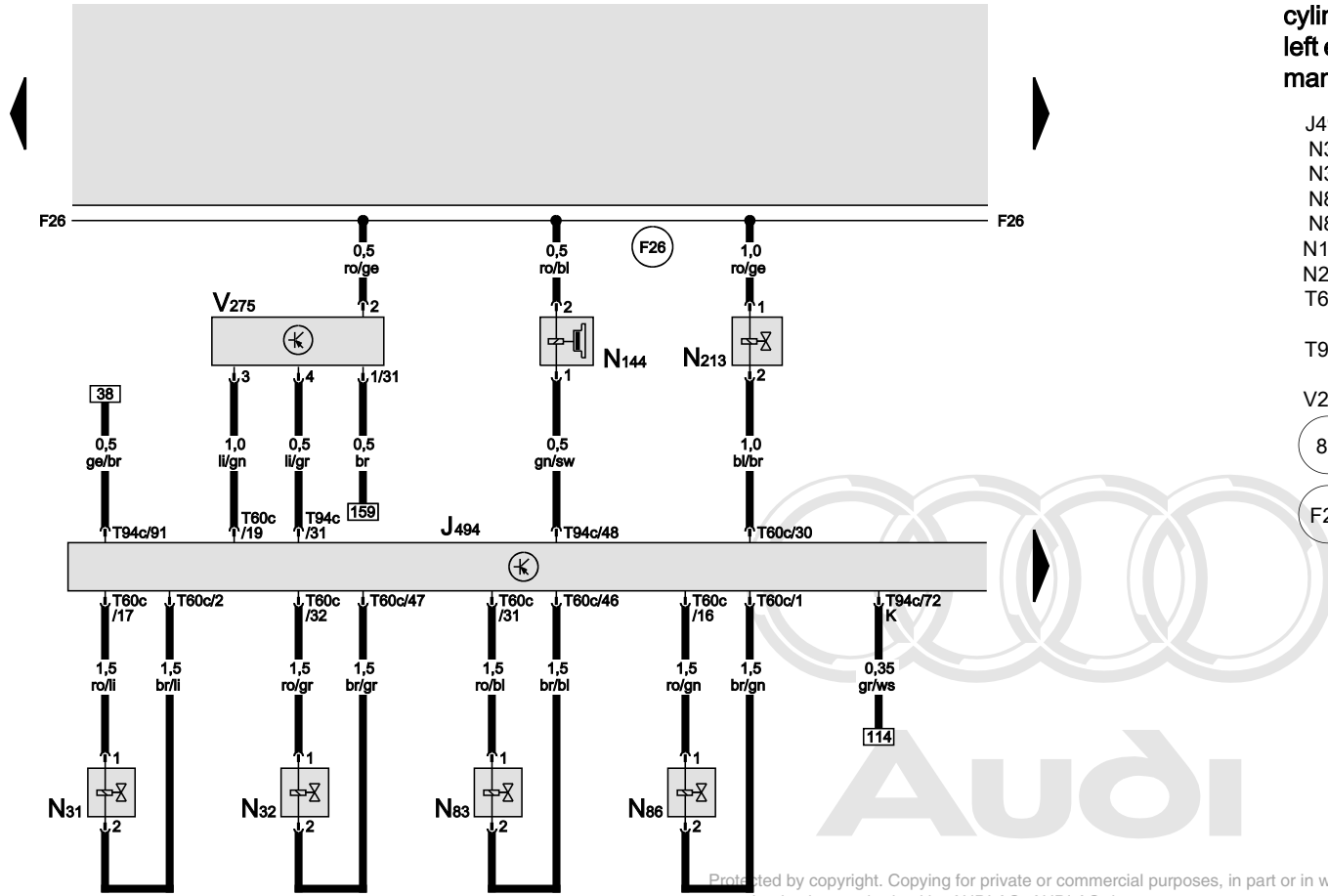
- 43 Earth point, lower part of right A-pillar
- F26 Connection 2, in diesel direct injection system wiring harness



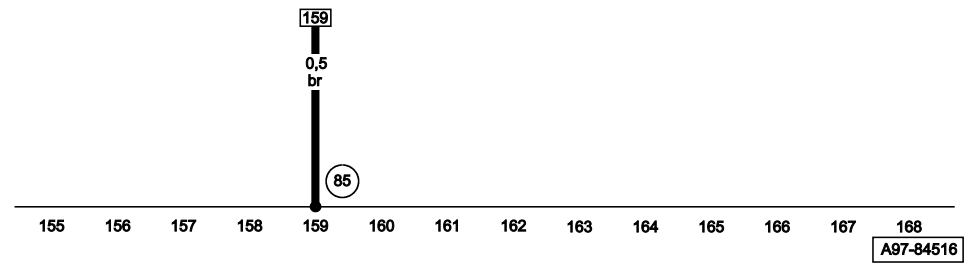
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Diesel direct injection system control unit 2, injectors for cylinders 2, 3, 5 and 8, exhaust gas recirculation valve 2, left electrohydraulic engine mounting solenoid valve, intake manifold flap motor

- J494 Diesel direct injection system control unit 2
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N83 Injector, cylinder 5
- N86 Injector, cylinder 8
- N144 Left electrohydraulic engine mounting solenoid valve
- N213 Exhaust gas recirculation valve 2
- T60c 60-pin connector, black, connector A, on diesel direct injection system control unit 2
- T94c 94-pin connector, black, connector B, on diesel direct injection system control unit 2
- V275 Intake manifold flap 2 motor
- 85 Earth connection 1, in engine compartment wiring harness
- F26 Connection 2, in diesel direct injection system wiring harness



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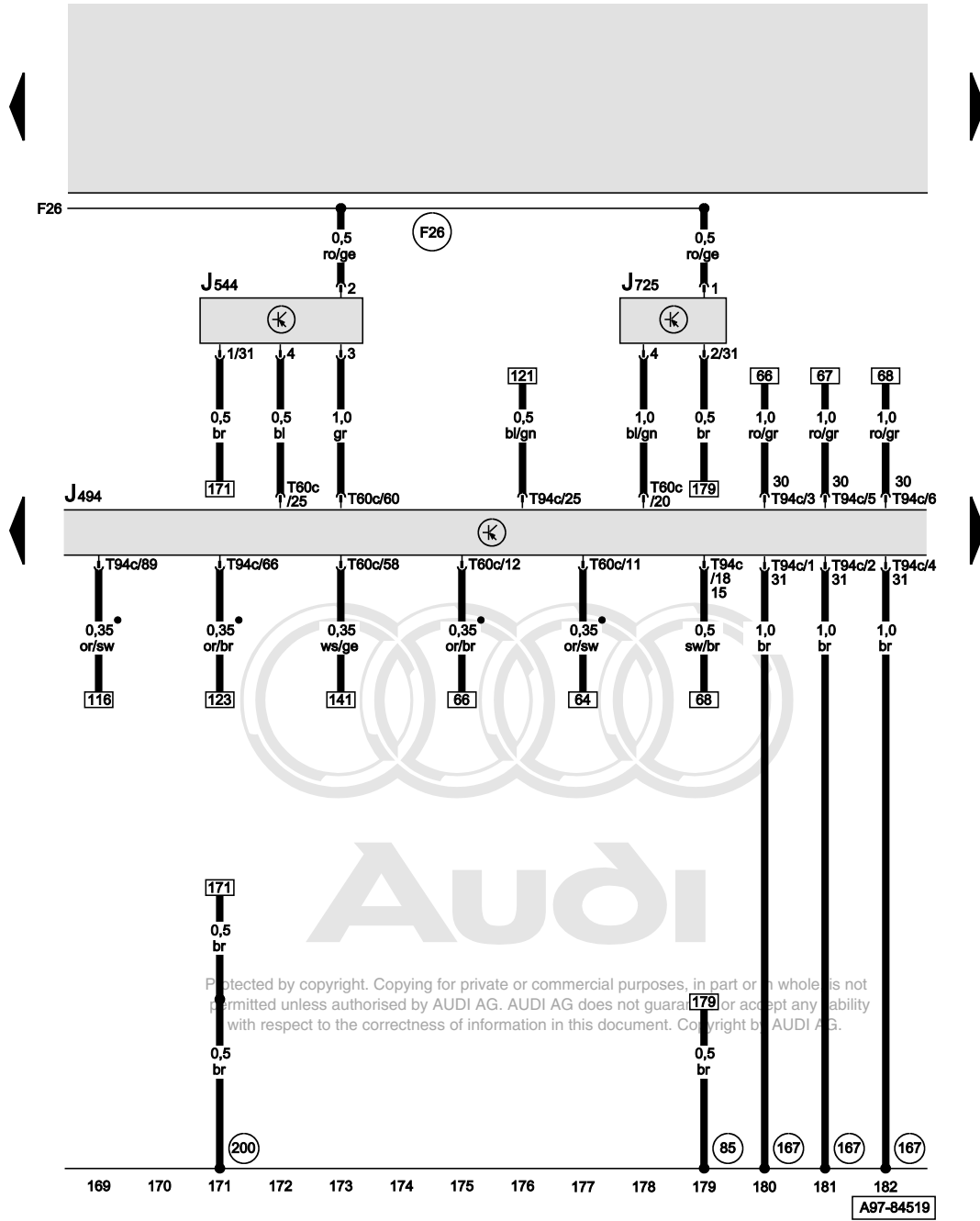


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Diesel direct injection system control unit 2, throttle valve module 2, turbocharger 2 control unit

- J494 Diesel direct injection system control unit 2
- J544 Throttle valve module 2
- J725 Turbocharger 2 control unit
- T60c 60-pin connector, black, connector A, on diesel direct injection system control unit 2
- T94c 94-pin connector, black, connector B, on diesel direct injection system control unit 2

- 85 Earth connection 1, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 200 Earth connection (screening) in engine compartment wiring harness
- F26 Connection 2, in diesel direct injection system wiring harness
  - CAN bus (data wire)



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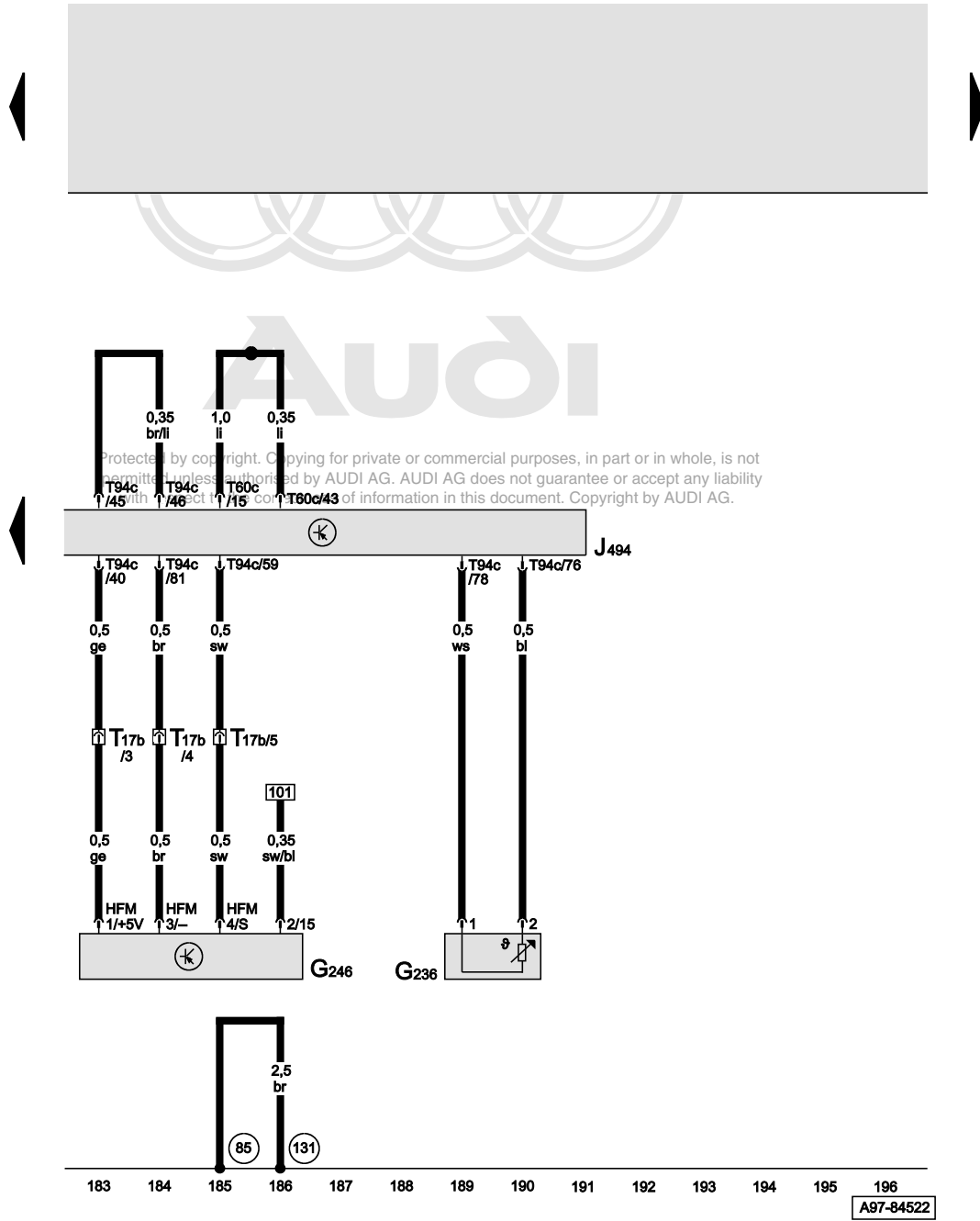
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Diesel direct injection system control unit 2, air mass meter 2, exhaust gas temperature sender 1 for bank 2

- G236 Bank 1 exhaust gas temperature sender 2
- G246 Air mass meter 2
- J494 Diesel direct injection system control unit 2
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T60c 60-pin connector, black, connector A, on diesel direct injection system control unit 2
- T94c 94-pin connector, black, connector B, on diesel direct injection system control unit 2

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness



A97-84522

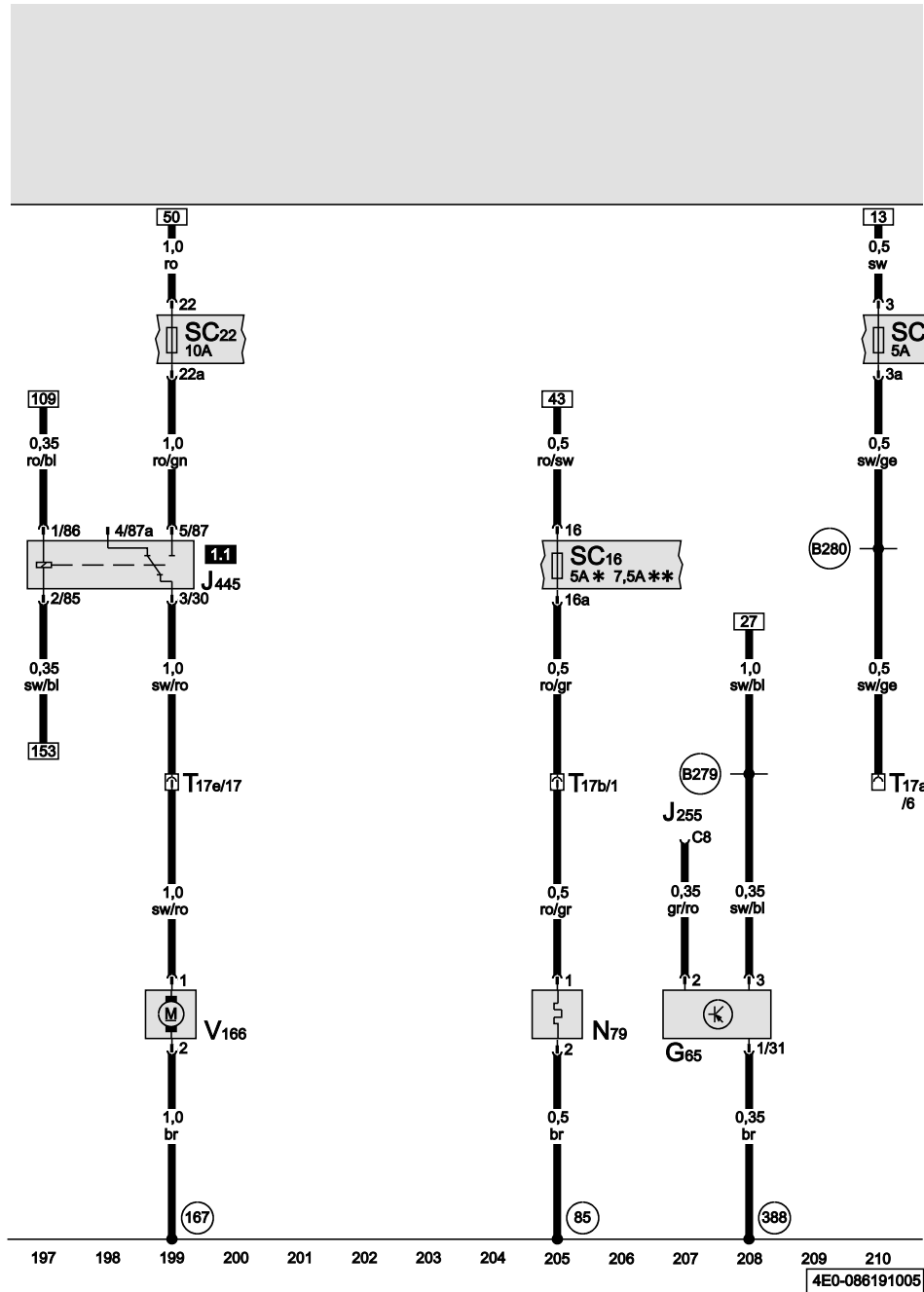
Fuel cooling pump relay, high pressure sender, fuel cooling pump, heater element for crankcase breather

- G65 High pressure sender
- J255 Climatronic control unit
- J445 Fuel cooling pump relay
- N79 Heater element for crankcase breather
- SC3 Fuse 3 on fuse holder
- SC16 Fuse 16 on fuse holder
- SC22 Fuse 22 on fuse holder
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17e 17-pin connector, red, in electronics box in plenum chamber
- V166 Fuel cooling pump

- 85 Earth connection 1, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 388 Earth connection 23, in main wiring harness

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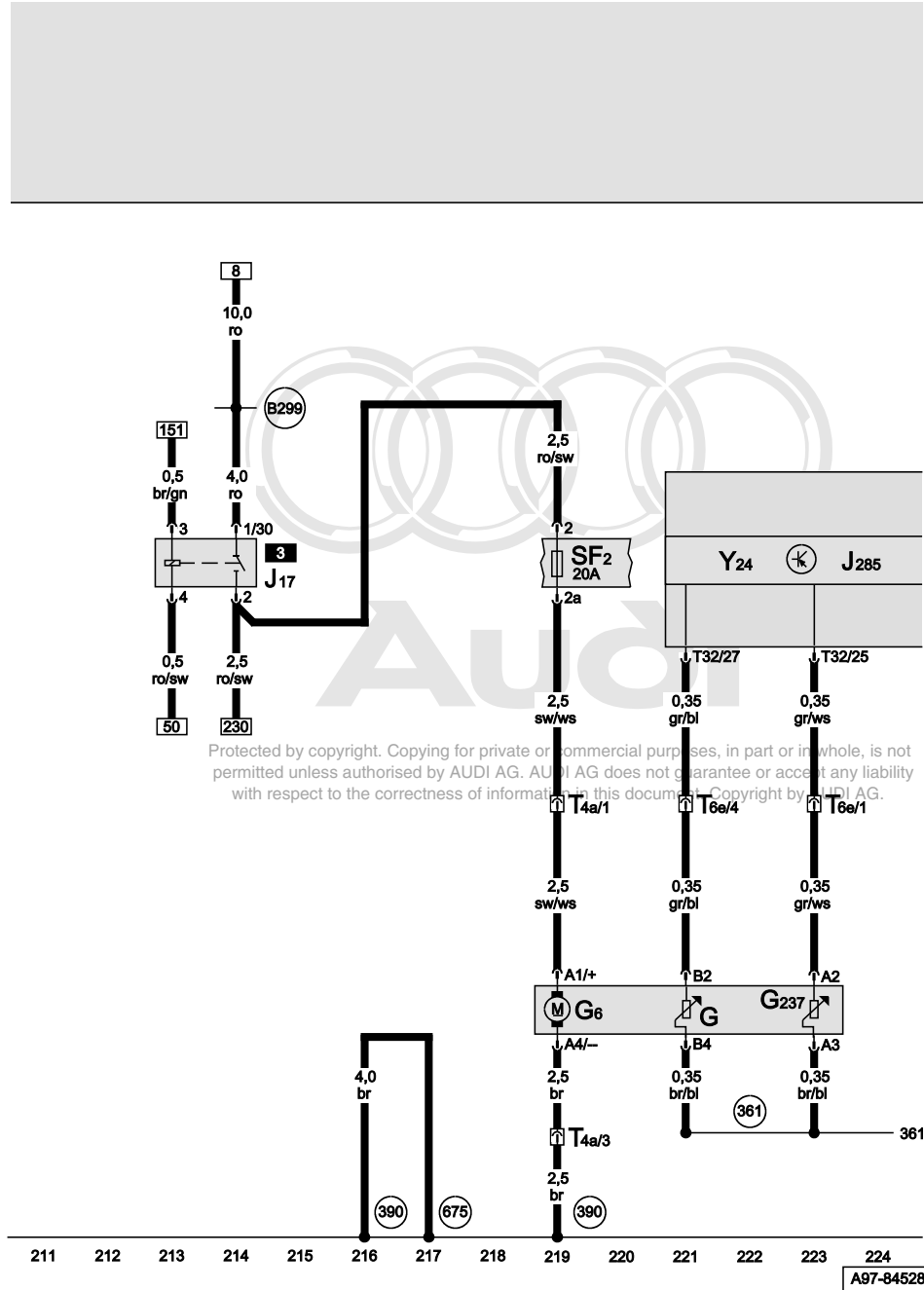
- B279 Positive connection 3 (15a), in main wiring harness
- B280 Positive connection 4 (15a), in main wiring harness
- \* up to model year 2005
- \*\* from model year 2006



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Control unit in dash panel insert, fuel pump relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- G237 Fuel gauge sender 3
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- SF2 Fuse 2 on fuse holder
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert
- 361 Earth connection (fuel gauge sender), in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 675 Earth point 2, on right in luggage compartment
- B299 Positive connection 3 (30), in main wiring harness



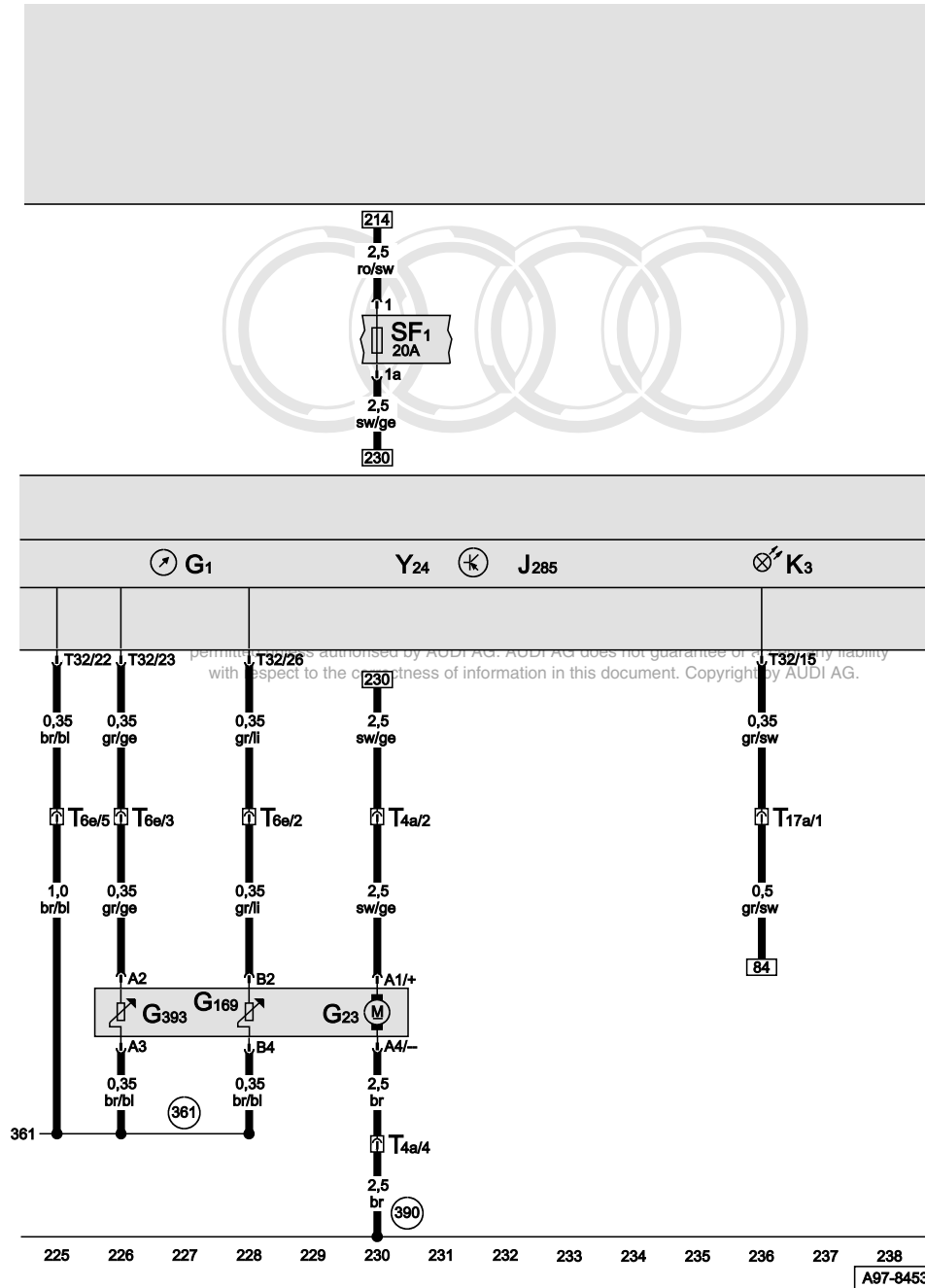
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Control unit in dash panel insert, fuel gauge, fuel pump, fuel gauge sender, oil pressure warning lamp

- G1 Fuel gauge
- G23 Fuel pump
- G169 Fuel gauge sender 2
- G393 Fuel gauge sender 4
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- SF1 Fuse 1 on fuse holder
- T4a 4-pin connector, under right cover on vehicle floor
- T6e 6-pin connector, under right cover on vehicle floor
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

361 Earth connection (fuel gauge sender), in main wiring harness

390 Earth connection 25, in main wiring harness



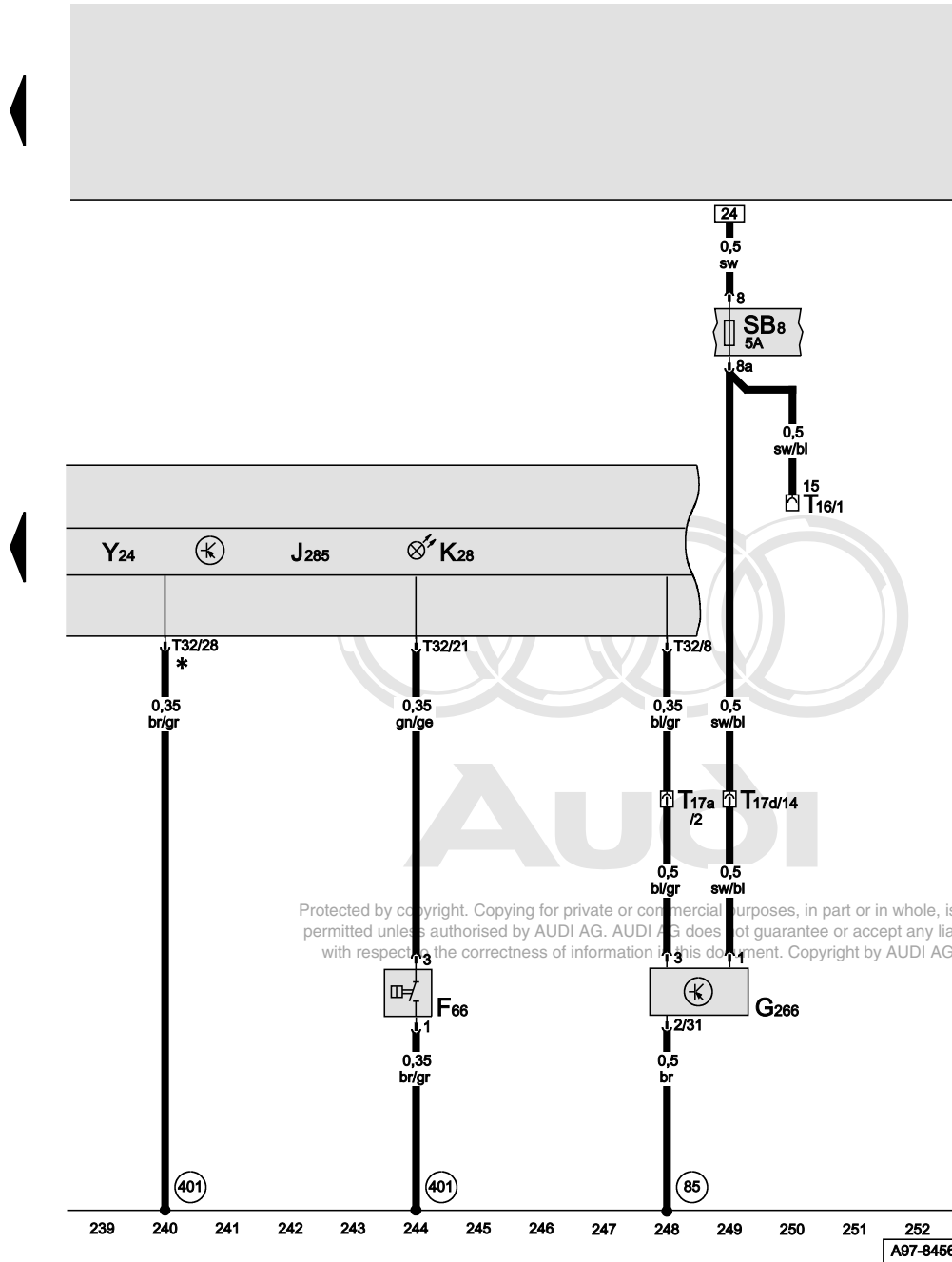
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A97-84531

Control unit in dash panel insert, coolant shortage indicator switch, oil level and oil temperature sender

- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- SB8 Fuse 8 on fuse holder
- T16 16-pin connector, black, diagnostic connection
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber
- T32 32-pin connector, blue, on dash panel insert
- Y24 Display in dash panel insert

- 85 Earth connection 1, in engine compartment wiring harness
- 401 Earth connection (sender earth), in interior wiring harness
- \* output sender earth



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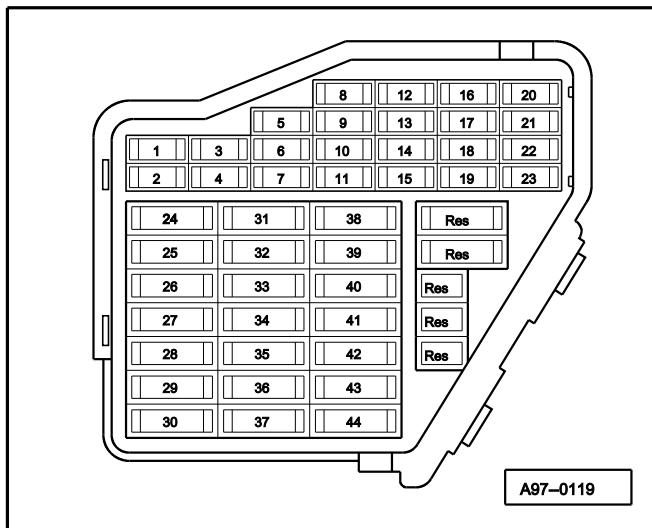
A97-84568

### Convenience system

- ⇒ Electrically adjustable and heated exterior mirrors
- ⇒ Door opener illumination
- ⇒ Anti-theft alarm system
- ⇒ Card system (Telepass) Italy
- ⇒ Electrical rear roller blind, rear left and right roller blind
- ⇒ Entry lights, door warning lamps
- ⇒ Ambient lighting
- ⇒ Window regulator
- ⇒ Luggage compartment light
- ⇒ Power latching system
- ⇒ Central locking

from model year 2005

### Fuse holder, left dash panel



### Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown

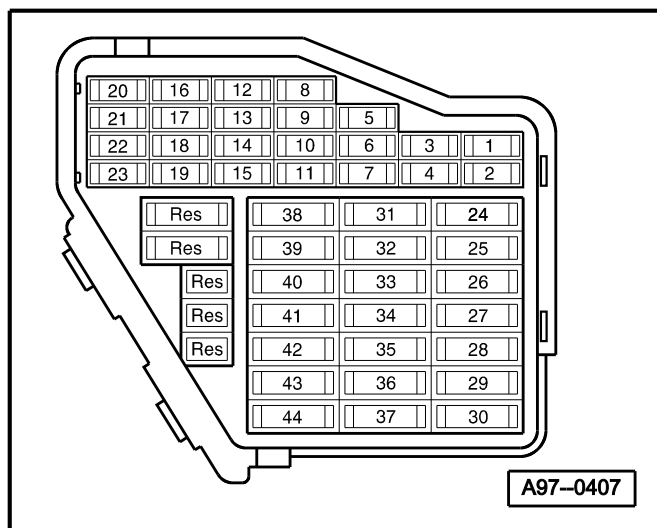


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5 A - beige

1 A - black

**Fuse holder right dash panel**



SB - Fuses in fuse holder left dash panel

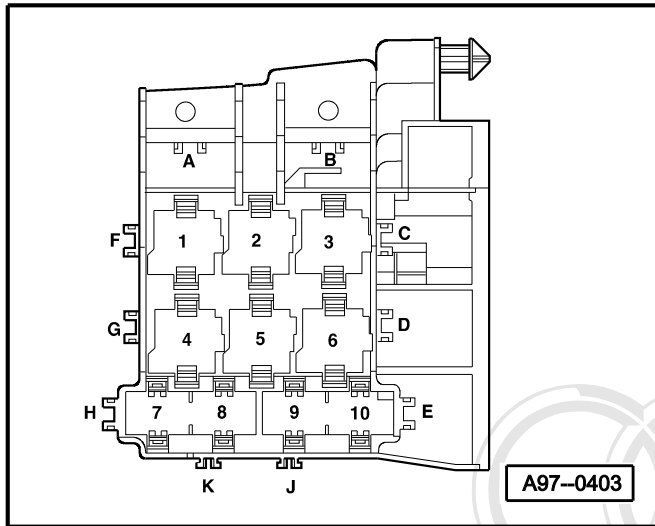
SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

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Relay and fuse carrier behind left dash panel

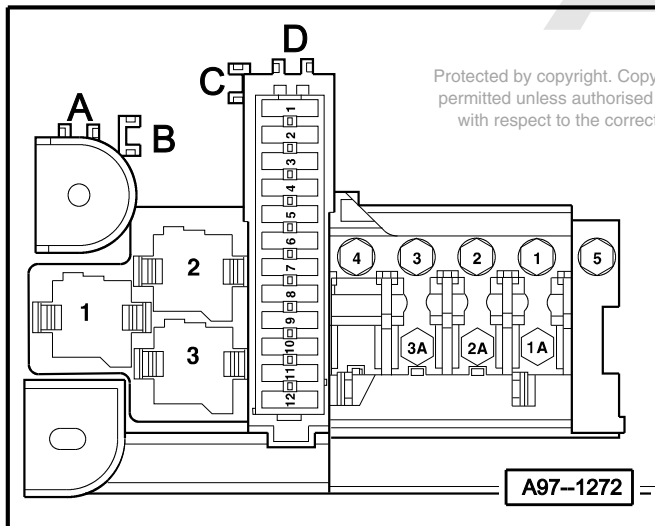


Relay positions

3 - Terminal 15 voltage supply relay (J329)

C - Window regulator thermal fuse (S43)

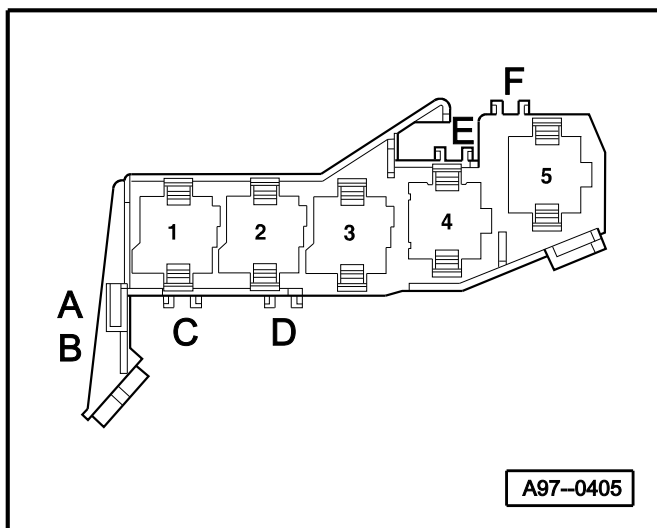
Relay and fuse carrier right in luggage compartment



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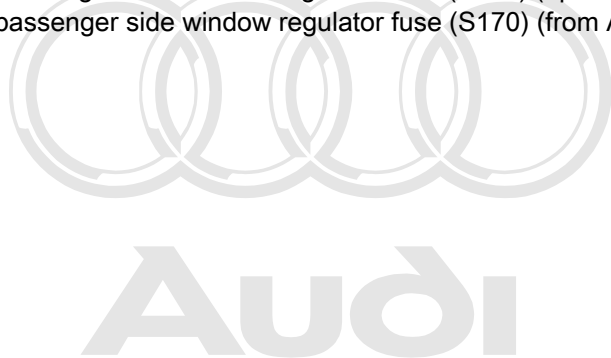


Relay carrier, in front right footwell



Relay positions

- A - Front passenger side window regulator fuse (S170) (up to July 2006)
- C - Front passenger side window regulator fuse (S170) (from August 2006)

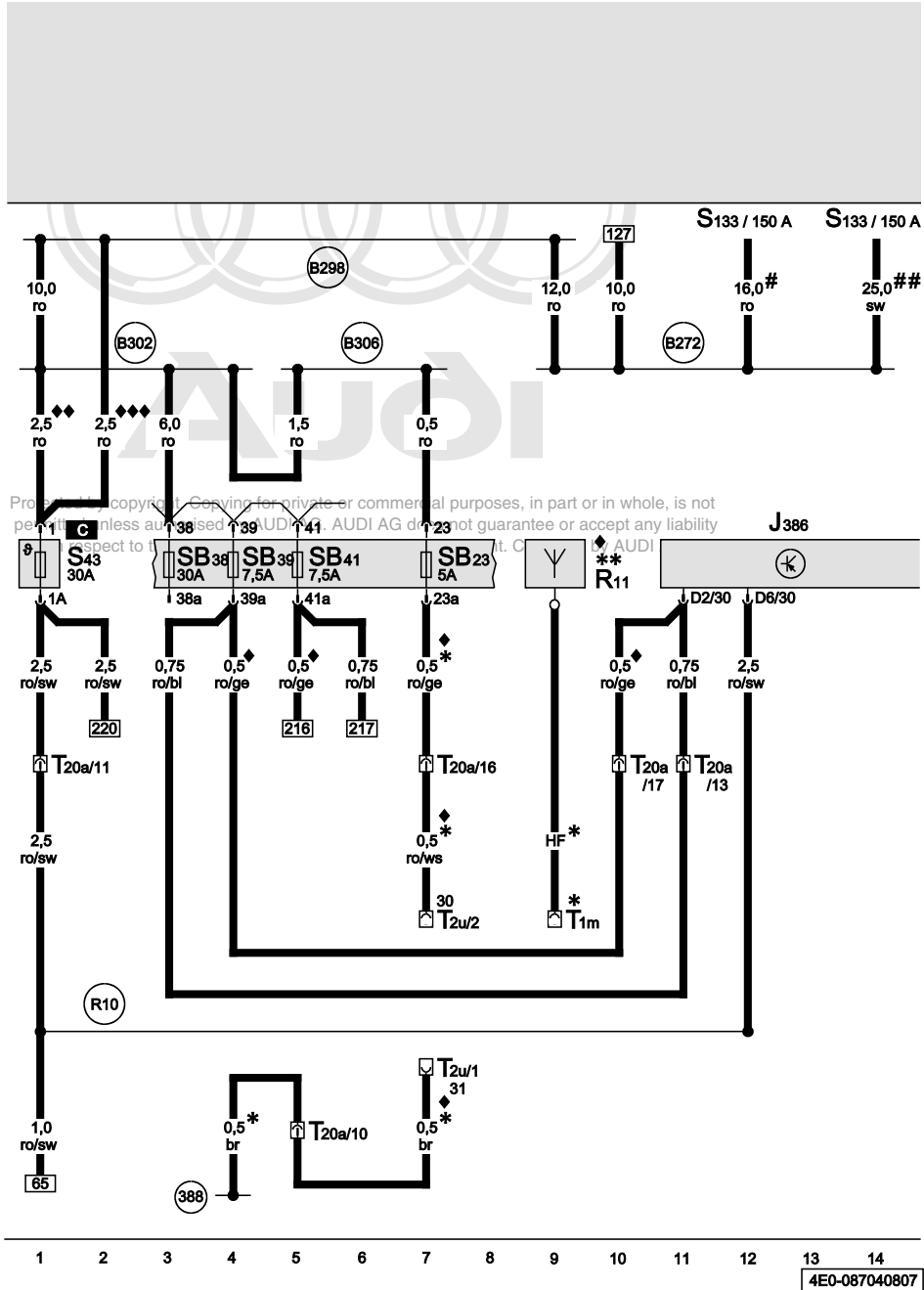


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Driver door control unit, window regulator thermal fuse, Card system (Telepass) Italy

- J386 Driver door control unit
- R11 Aerial
- S43 Window regulator thermal fuse
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB23 Fuse 23 on fuse holder
- SB38 Fuse 38 on fuse holder
- SB39 Fuse 39 on fuse holder
- SB41 Fuse 41 on fuse holder
- T1m Single connector, aerial Telepass, in driver door
- T2u 2-pin connector, supply Telepass, in driver door
- T20a 20-pin connector, black, left A-pillar

- (388) Earth connection 23, in main wiring harness
  - (B272) Positive connection (30), in main wiring harness
  - (B298) Positive connection 2 (30), in main wiring harness
  - (B302) Positive connection 6 (30), in main wiring harness
  - (B306) Positive connection 10 (30), in main wiring harness
  - (R10) Positive connection 1 (30), in driver door wiring harness
- \* only Italy  
 \*\* in driver side exterior mirror models with petrol engines  
 # models with petrol engines  
 ## models with diesel engines  
 ◆ is dropped, from model year 2006  
 ◆◆ up to October 2006  
 ◆◆◆ from November 2006

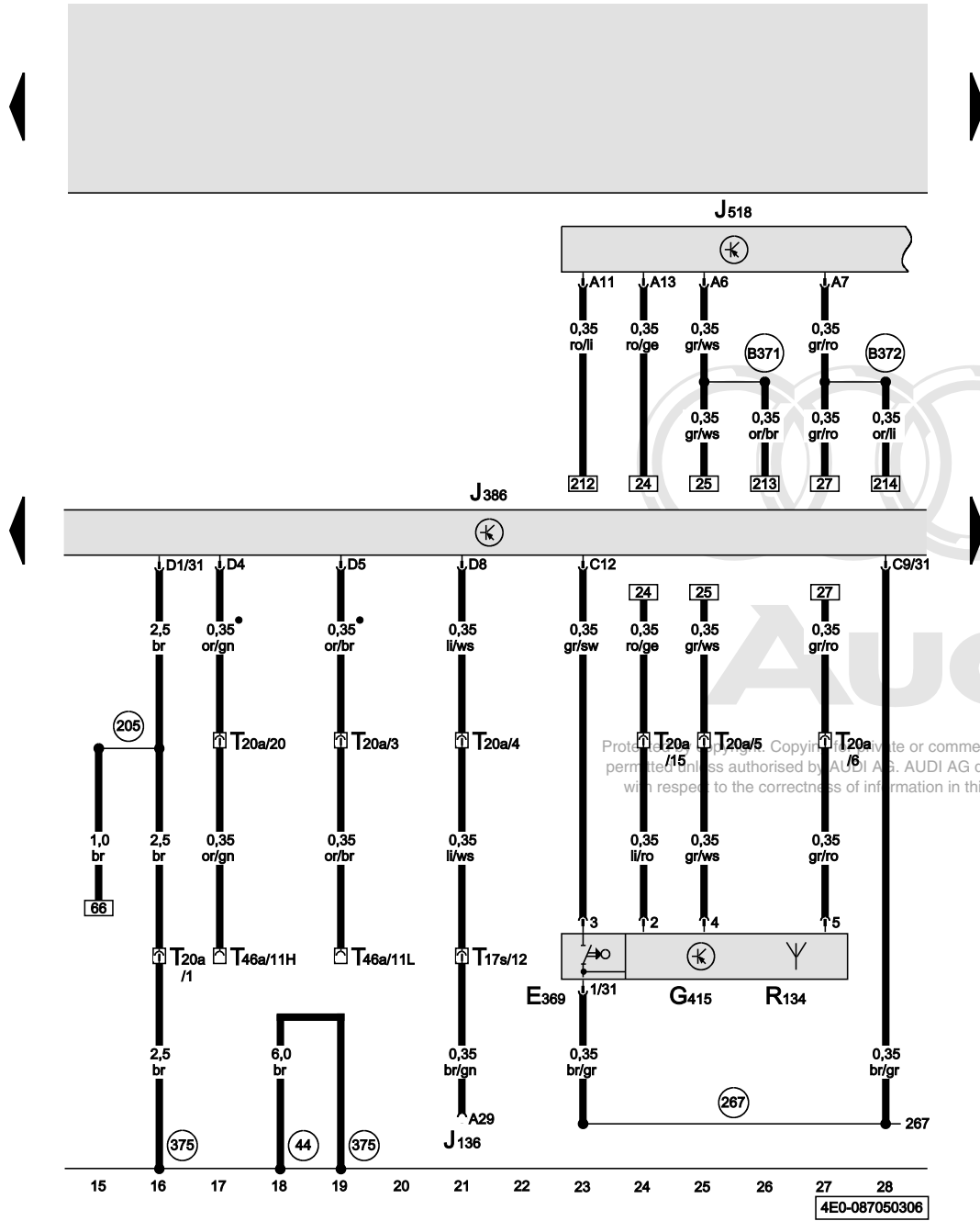


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Driver door control unit, driver door exterior handle touch sensor, driver side aerial for entry and start authorisation, entry and start authorisation control unit, driver door exterior handle central locking button

- E369 Driver side door exterior handle central locking button
- G415 Driver door exterior handle touch sensor
- J136 Seat and steering column adjustment control unit with memory function
- J386 Driver door control unit
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start authorisation
- T17s 17-pin connector, brown, under driver seat
- T20a 20-pin connector, black, left A-pillar
- T46a 46-pin connector, black, CAN separating connector left

- (44) Earth point, lower part of left A-pillar
- (205) Earth connection, in driver door wiring harness
- (267) Earth connection 2, in driver door wiring harness
- (375) Earth connection 10, in main wiring harness
- (B371) Connection 1 (aerial), in main wiring harness
- (B372) Connection 2 (aerial), in main wiring harness
- CAN bus (data wire)



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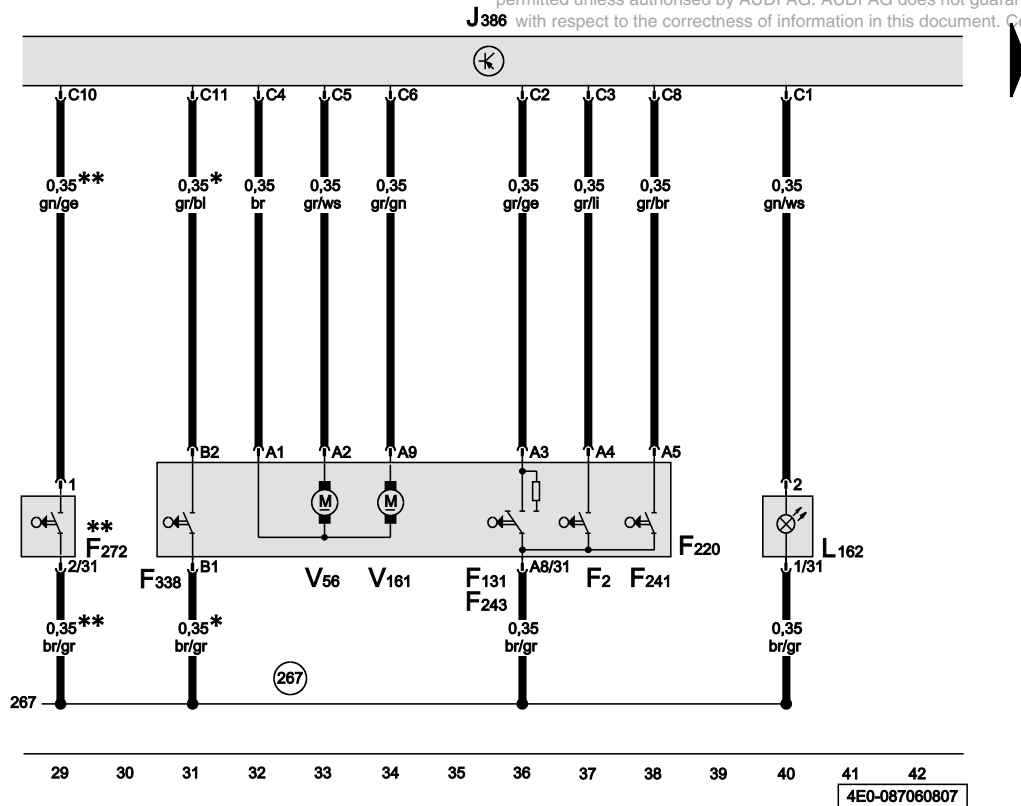
Driver door control unit, front left door exterior handle illumination bulb, driver side central locking lock unit, driver door power latching system contact switch, driver door exterior handle switch

- F2 Driver door contact switch
- F131 Front left central locking actuator
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F243 Driver door central locking actuator for deadlock function
- F272 Driver door exterior handle switch
- F338 Driver door power latching system contact switch
- J386 Driver door control unit
- L162 Front left door exterior handle illumination bulb
- V56 Driver door central locking motor
- V161 Driver door central locking deadlock function motor

267 Earth connection 2, in driver door wiring harness

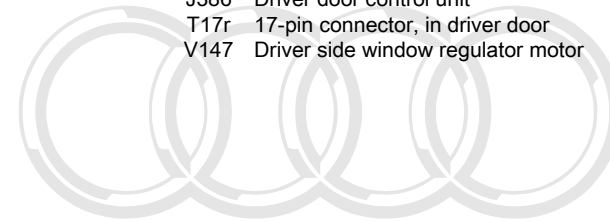
- \* models with power latching system
- \*\* only models with Keyless-Entry (4F2, 4K5)

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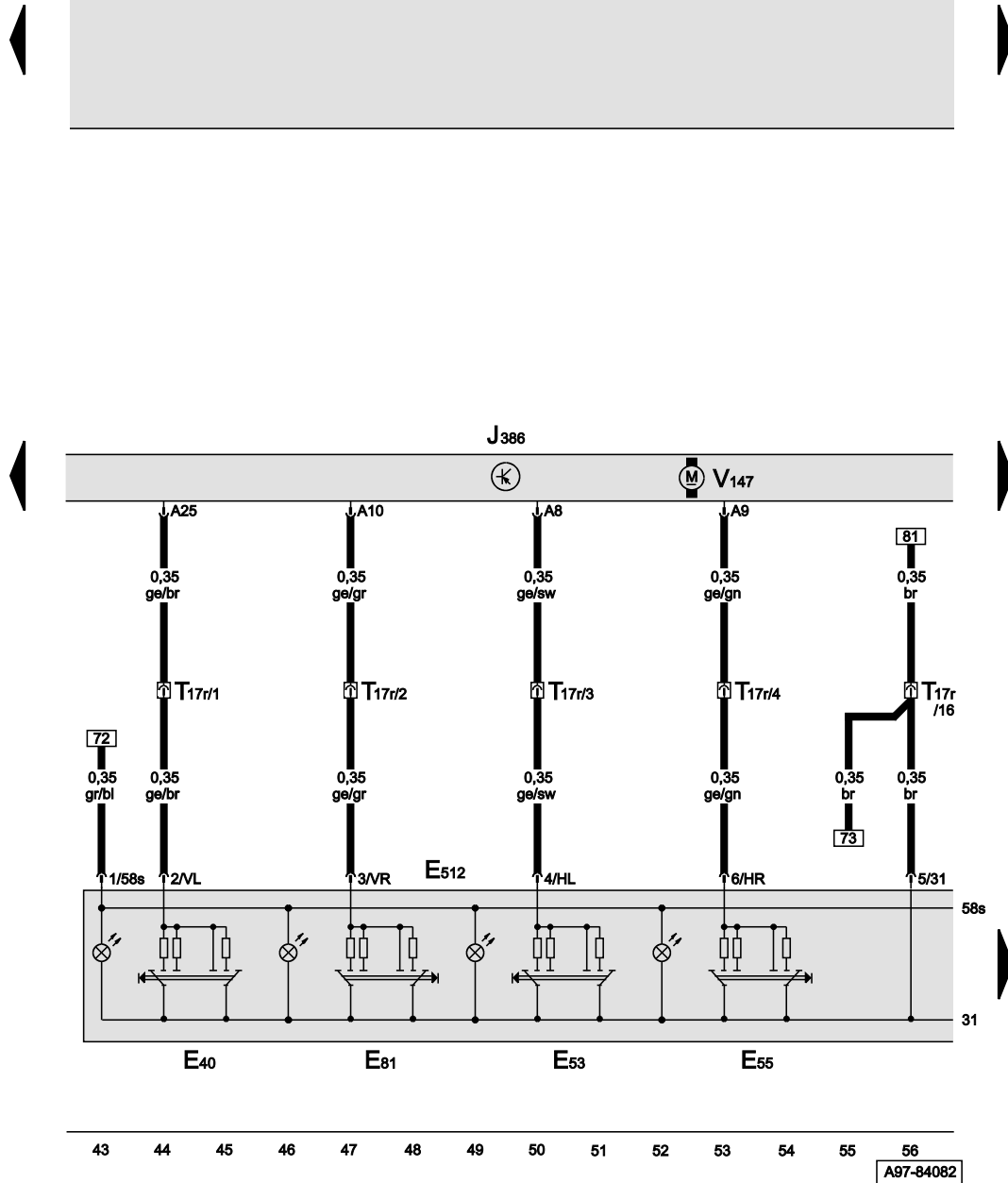
Driver door control unit, window regulator switch, driver side window regulator motor, operating unit for window regulator in driver door

- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- T17r 17-pin connector, in driver door
- V147 Driver side window regulator motor



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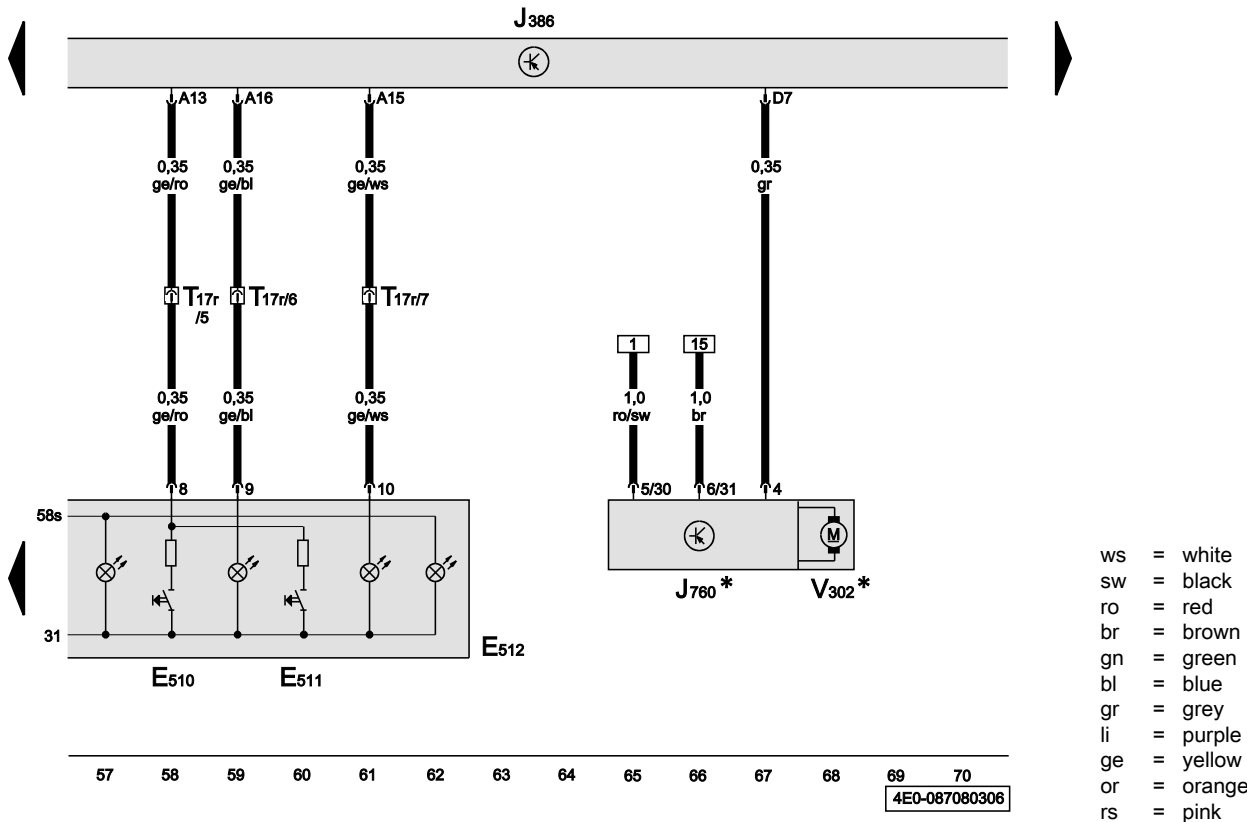
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Driver door control unit, childproof lock button, power latching control unit for driver door, driver door power latching motor

- E510 Button for left childproof lock
- E511 Button for right childproof lock
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- J760 Power latching control unit for driver door
- T17r 17-pin connector, in driver door
- V302 Driver door power latching motor
- \* models with power latching system

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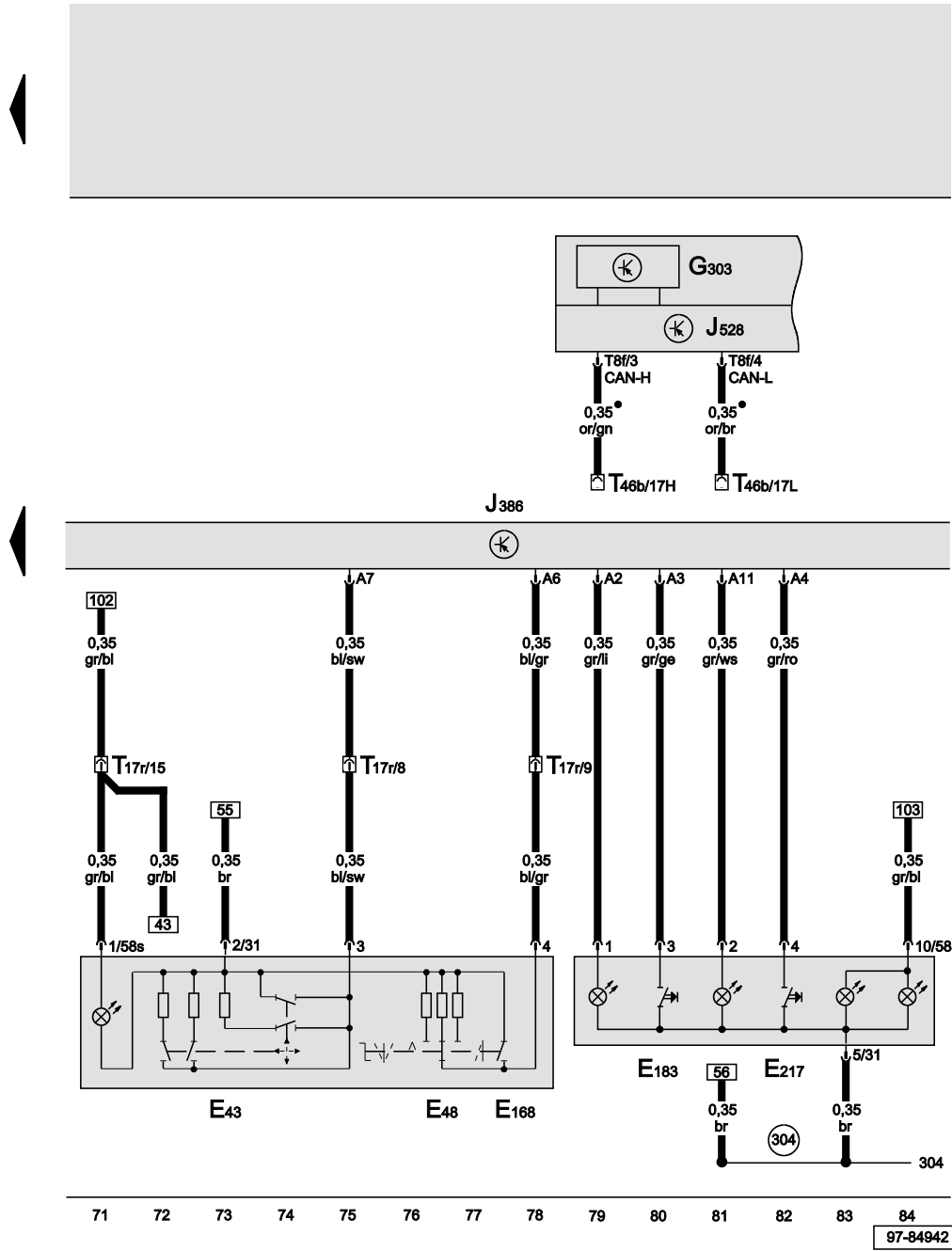
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Driver door control unit, mirror adjustment switch, mirror adjustment change-over switch, adjustment switch for mirror with fold-in feature, interior monitor deactivation switch, alarm system off switch, interior monitor send and receive module 1

- E43 Mirror adjustment switch
- E48 Mirror adjustment change-over switch
- E168 Adjustment switch for mirror with fold-in feature
- E183 Interior monitor deactivation switch
- E217 Alarm system off switch
- G303 Interior monitor send and receive module 1
- J386 Driver door control unit
- J528 Roof electronics control unit
- T8f 8-pin connector, black, near front interior light
- T17r 17-pin connector, in driver door
- T46b 46-pin connector, black, CAN separating connector right

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- 303 Earth connection 3, in driver door wiring harness
- 304 CAN bus (data wire)

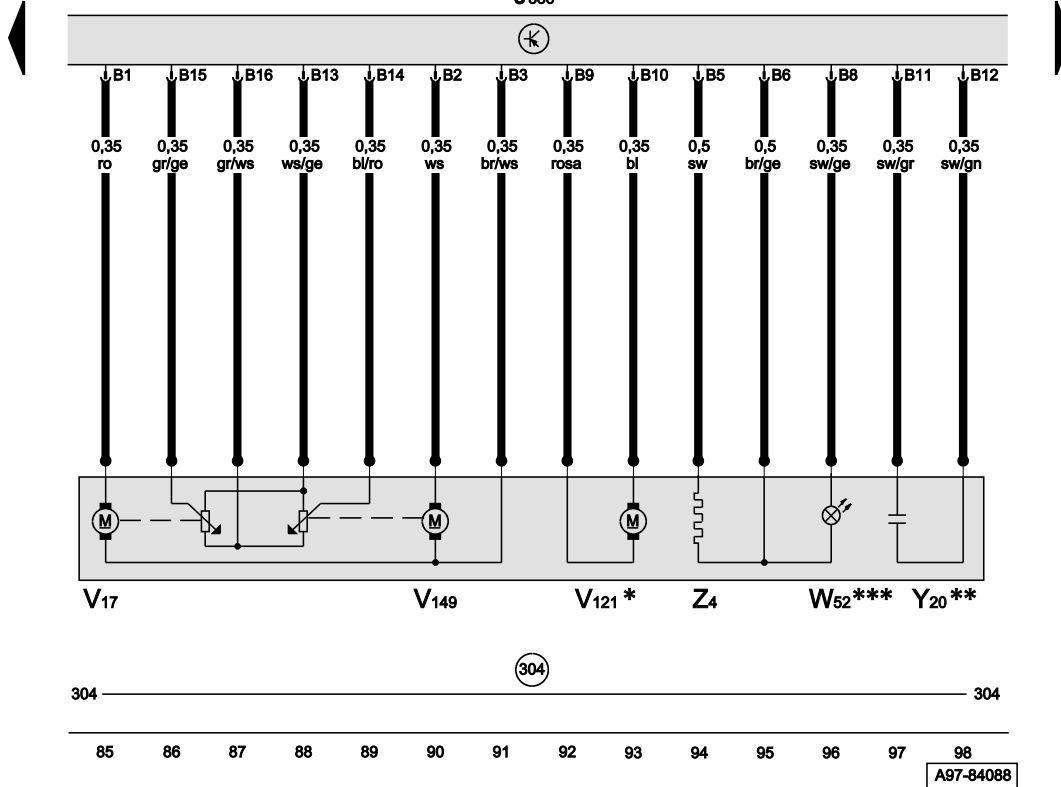
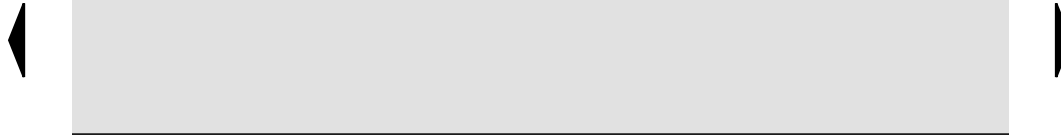


Driver door control unit, driver side mirror adjustment motors, driver side heated exterior mirror, driver side automatic anti-dazzle exterior mirror

- J386 Driver door control unit
- V17 Mirror adjustment motor (driver side)
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Driver side automatic anti-dazzle exterior mirror
- W52 Driver side entry light in exterior mirror
- Z4 Heated exterior mirror on driver side

303 Earth connection 3, in driver door wiring harness

- \* mirror with fold-in feature
- \*\* with automatic anti-dazzle exterior mirror
- \*\*\* with entry light in exterior mirror



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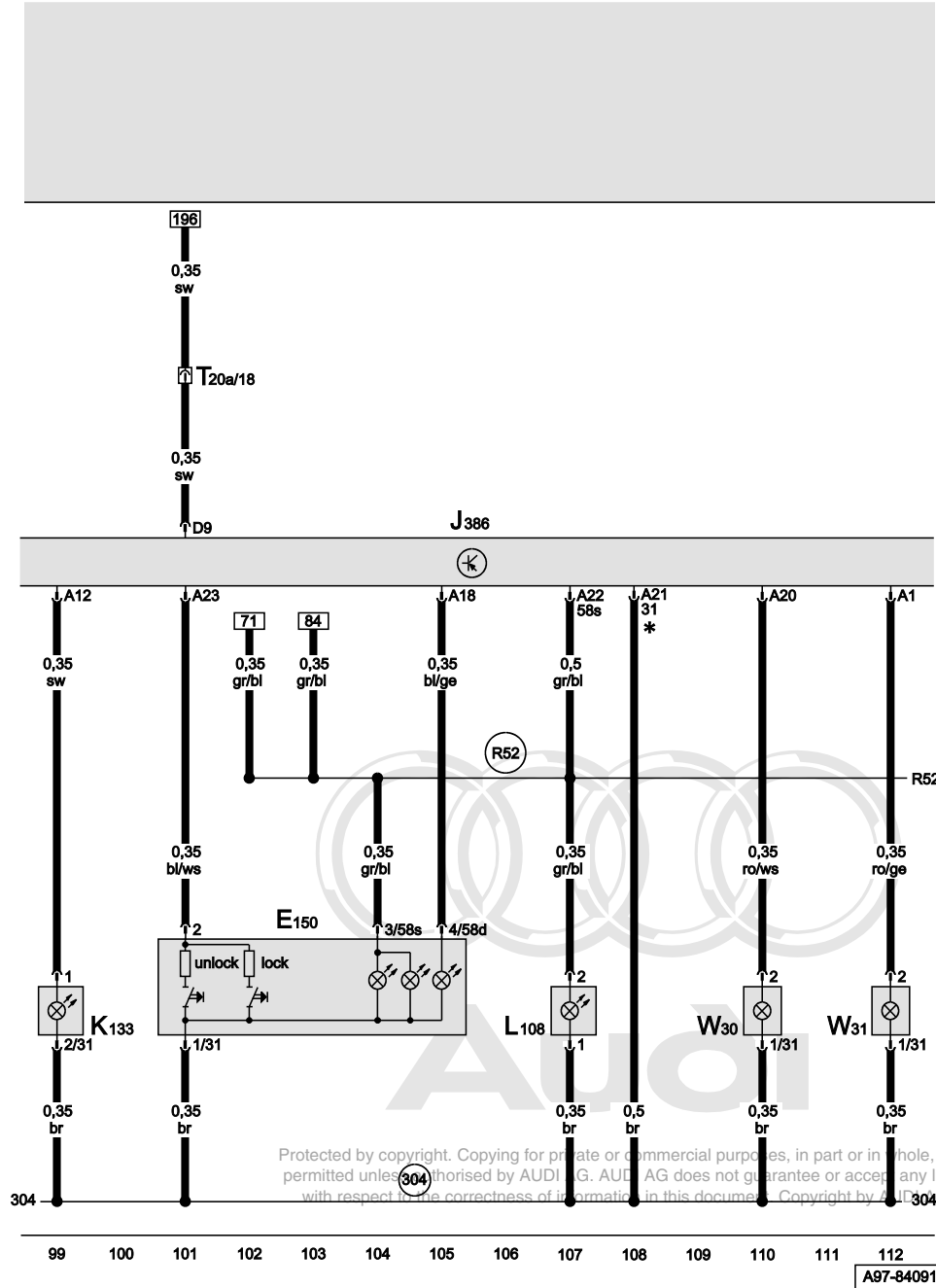
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Driver door control unit, central locking deadlock function warning lamp, driver side interior locking switch, driver side door warning lamp, front left entry light

- E150 Driver side interior locking switch
- J386 Driver door control unit
- K133 Central locking deadlock function warning lamp
- L108 Driver door opener illumination
- T20a 20-pin connector, black, left A-pillar
- W30 Driver side door warning lamp
- W31 Front left entry light

- 303 Earth connection 3, in driver door wiring harness
- R52 Connection (58s), in driver side door wiring harness
- \* switch earth output



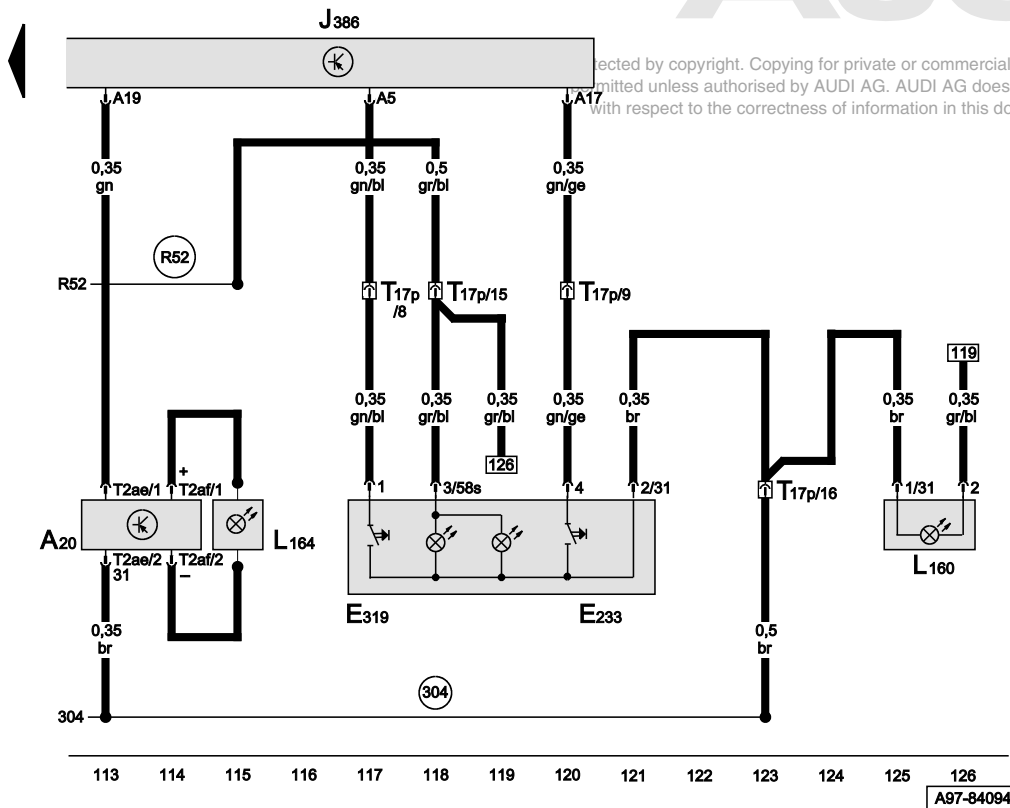
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A97-84091

Driver door control unit, fuel tank flap release button, rear lid remote release button, driver door storage compartment illumination bulb

- A20 Driver door ambient lighting voltage converter
- E233 Rear lid remote release button
- E319 Fuel tank flap release button
- J386 Driver door control unit
- L160 Driver door storage compartment illumination bulb
- L164 Driver door ambient lighting
- T2ae 2-pin connector, on ambient lighting voltage converter
- T2af 2-pin connector, on ambient lighting voltage converter
- T17p 17-pin connector, in driver door

- 303 Earth connection 3, in driver door wiring harness
- R52 Connection (58s), in driver side door wiring harness



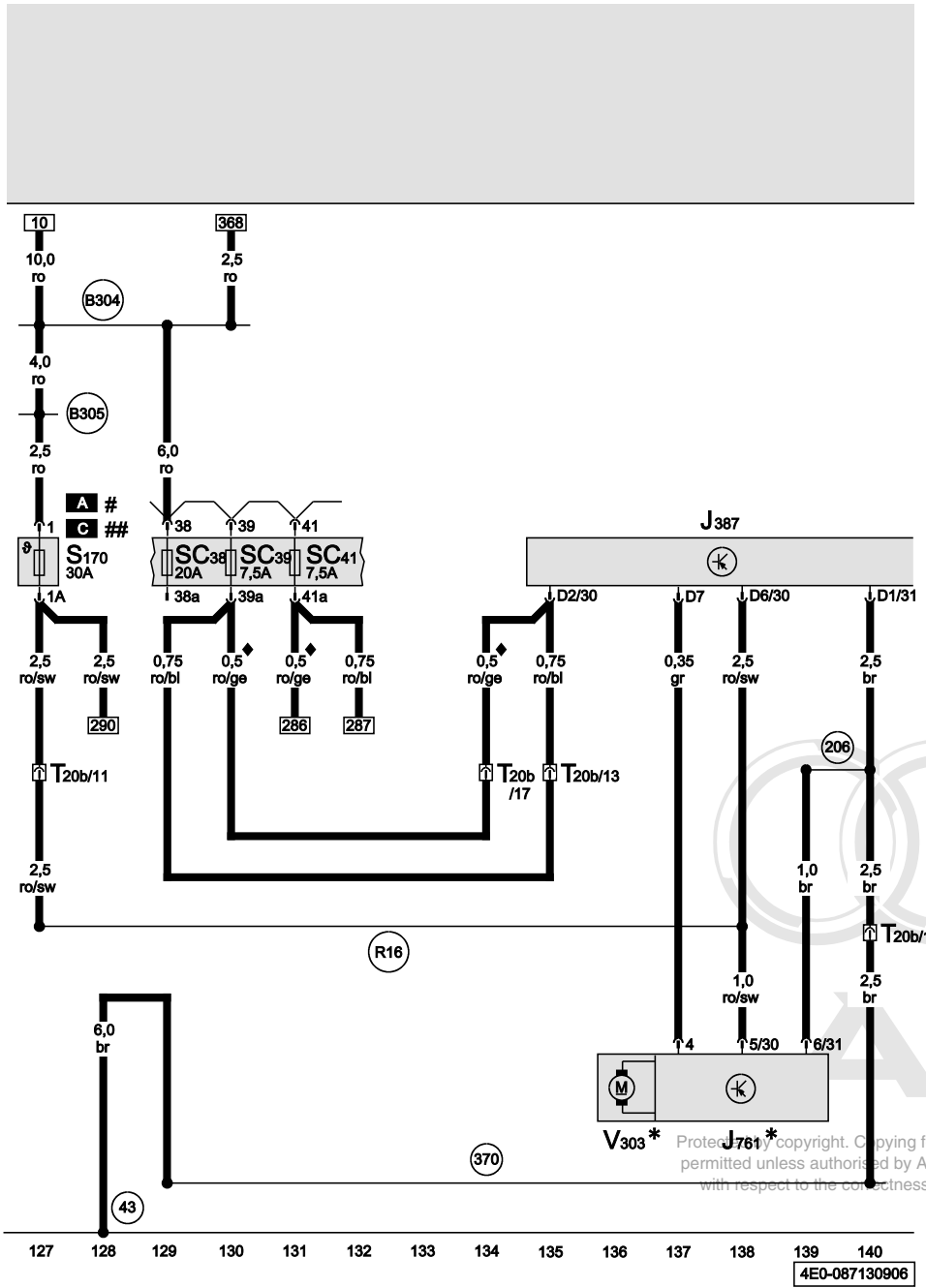
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Front passenger door control unit, front passenger side window regulator fuse, front passenger door power latching motor, power latching control unit for front passenger door

- J387 Front passenger door control unit
- J761 Power latching control unit for front passenger door
- S170 Front passenger side window regulator fuse
- SC38 Fuse 38 on fuse holder
- SC39 Fuse 39 on fuse holder
- SC41 Fuse 41 on fuse holder
- T20b 20-pin connector, black, right A-pillar
- V303 Front passenger door power latching motor

- (43) Earth point, lower part of right A-pillar
- (206) Earth connection, in door wiring harness, front passenger side
- (370) Earth connection 5, in main wiring harness
- (B304) Positive connection 8 (30), in main wiring harness
- (B305) Positive connection 9 (30), in main wiring harness
- (R16) Positive connection 1 (30), in front passenger door wiring harness
- \* models with power latching system up to July 2006
- # from August 2006
- ## is dropped, from model year 2006



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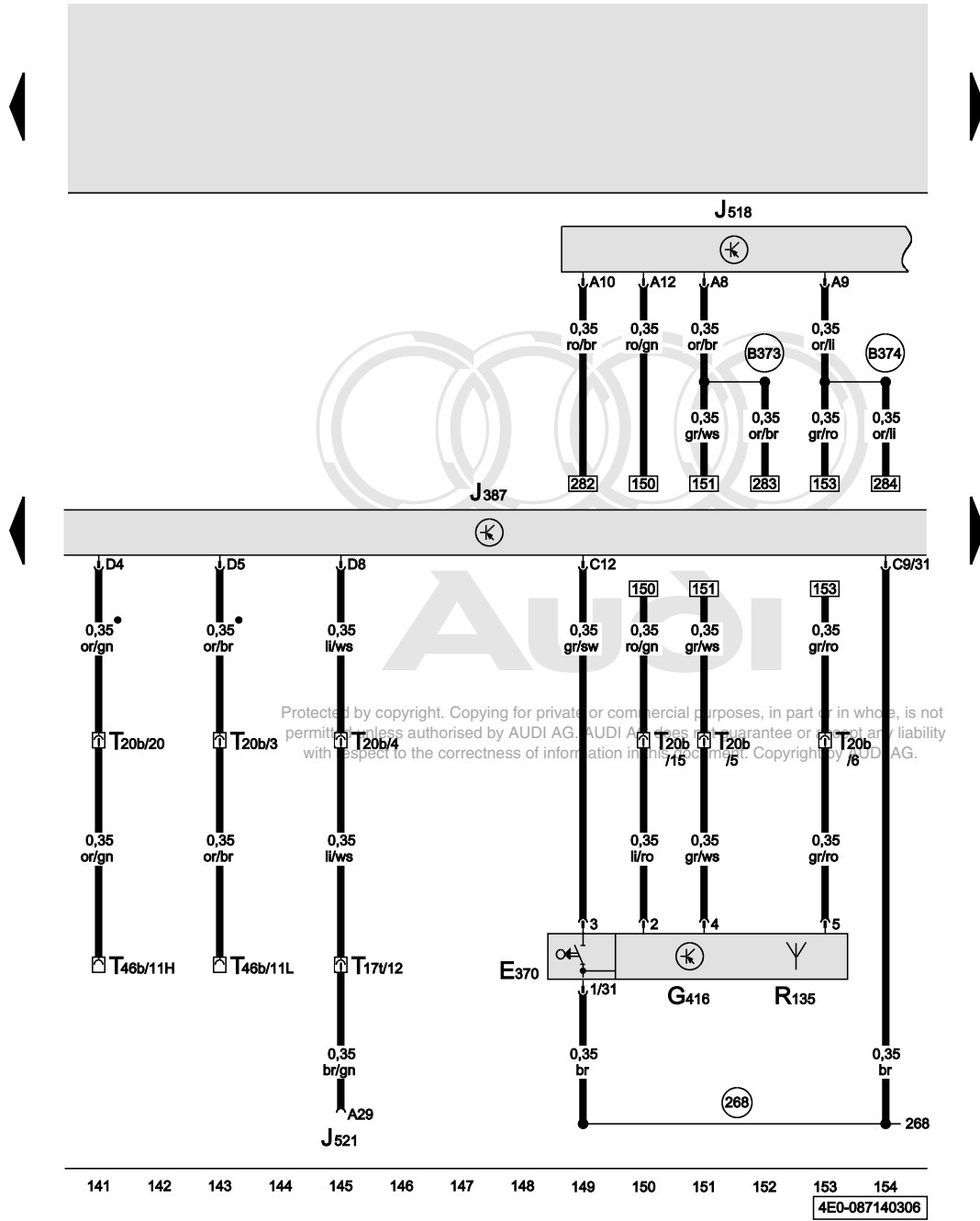
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Front passenger door control unit, entry and start authorisation control unit, front passenger door exterior handle touch sensor, front passenger side aerial for entry and start authorisation, front passenger door exterior handle central locking button

- E370 Front passenger door exterior handle central locking button
- G416 Front passenger door exterior handle touch sensor
- J387 Front passenger door control unit
- J518 Entry and start authorisation control unit
- J521 Front passenger seat adjustment with memory control unit
- R135 Front passenger side aerial for entry and start authorisation
- T17t 17-pin connector, brown, under front passenger seat
- T20b 20-pin connector, black, right A-pillar
- T46b 46-pin connector, black, CAN separating connector right

- (268) Earth connection 2, in front passenger side door wiring harness
- (B373) Connection 3 (aerial), in main wiring harness
- (B374) Connection 4 (aerial), in main wiring harness
  - CAN bus (data wire)



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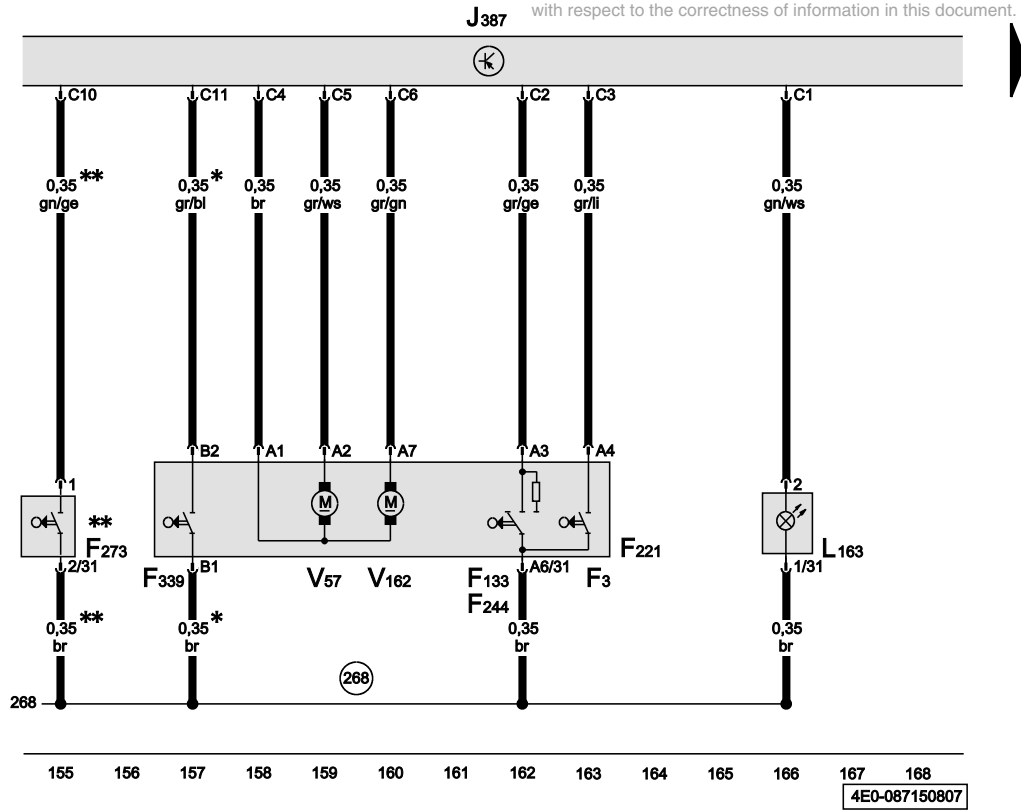
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Front passenger side door control unit, front right door exterior handle illumination bulb, front passenger door exterior handle switch, front passenger side central locking lock unit, front passenger door power latching system contact switch

- F3 Front passenger door contact switch
- F133 Front right central locking actuator
- F221 Front passenger side central locking lock unit
- F244 Front passenger door central locking actuator for deadlock function
- F273 Front passenger door exterior handle switch
- F339 Front passenger door power latching system contact switch
- J387 Front passenger door control unit
- L163 Front right door exterior handle illumination bulb
- V57 Front passenger door central locking deadlock function motor
- V162 Front passenger door central locking deadlock function motor

- 268 Earth connection 2, in front passenger side door wiring harness
- \* models with power latching system
- \*\* only models with Keyless-Entry (4F2, 4K5)

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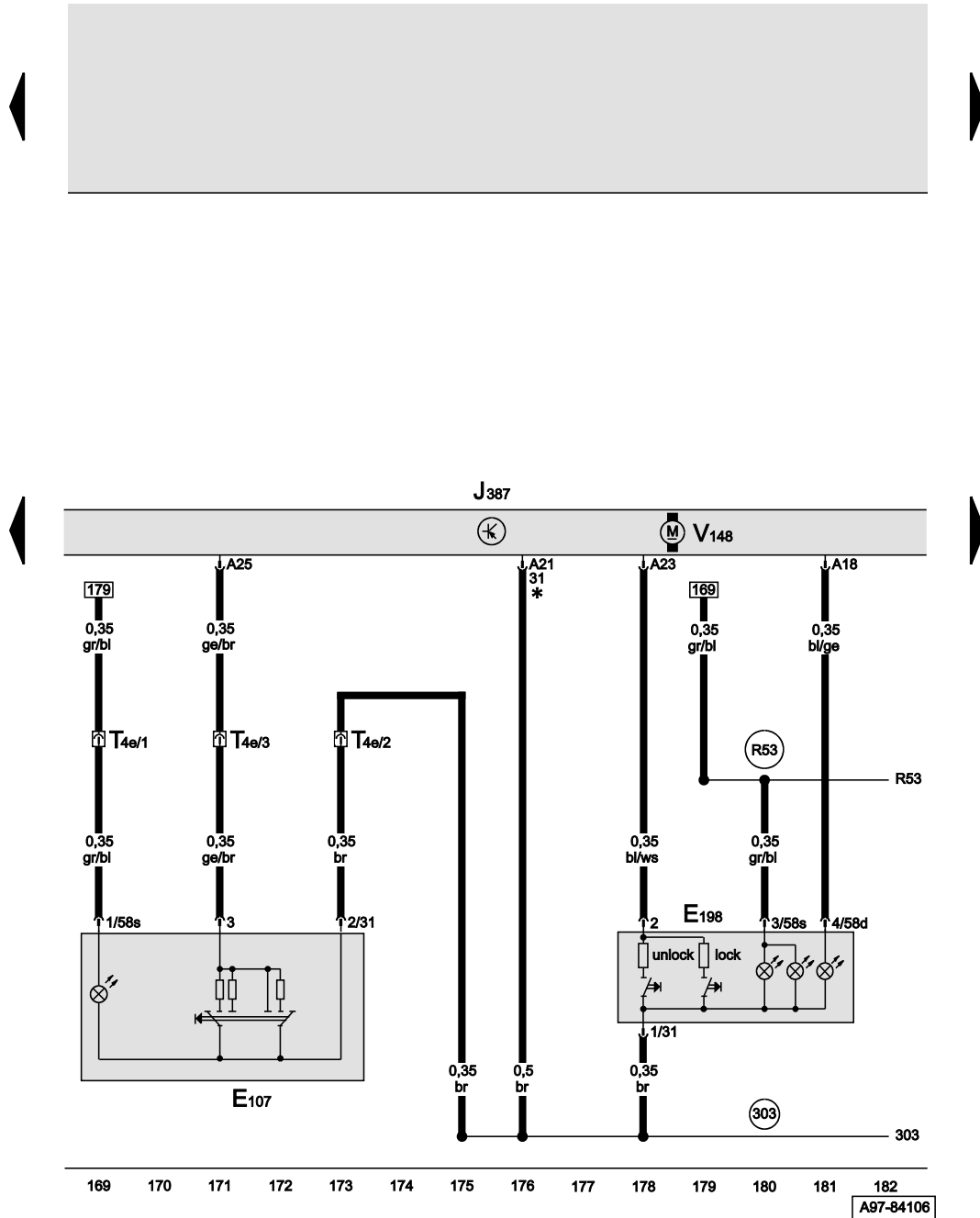


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Front passenger door control unit, window regulator switch in front passenger door, front passenger side interior locking switch

- E107 Window regulator switch, in front passenger door
- E198 Front passenger side interior locking switch
- J387 Front passenger door control unit
- T4e 4-pin connector, in front passenger door
- V148 Front passenger side window regulator motor

- 304 Earth connection 3, in front passenger side door wiring harness
- R53 Connection (58s), in front passenger side door wiring harness
- \* switch earth output

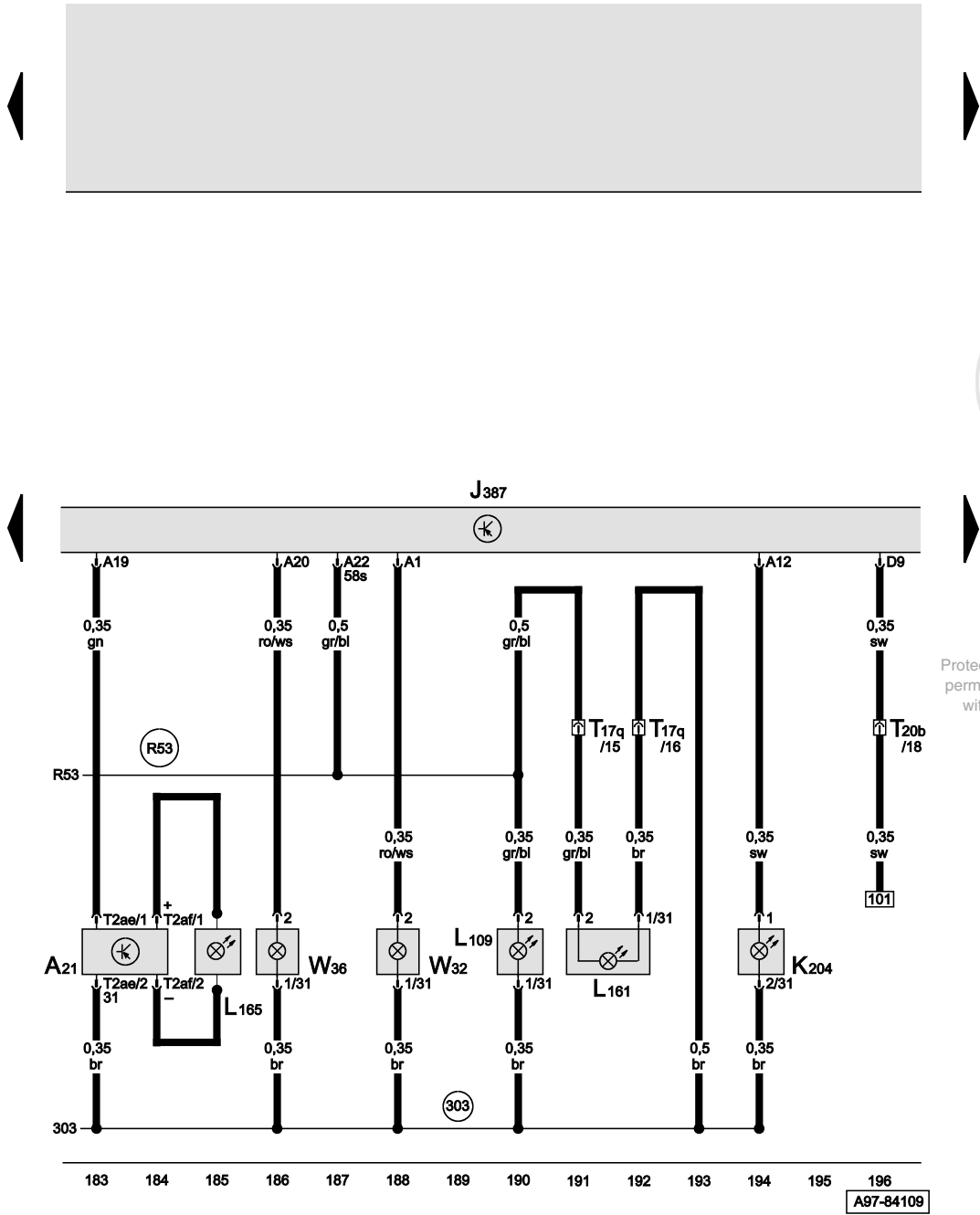


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Front passenger door control unit, central locking deadlock function warning lamp on front passenger side, front right entry light, front passenger side door warning lamp, front passenger door storage compartment illumination bulb

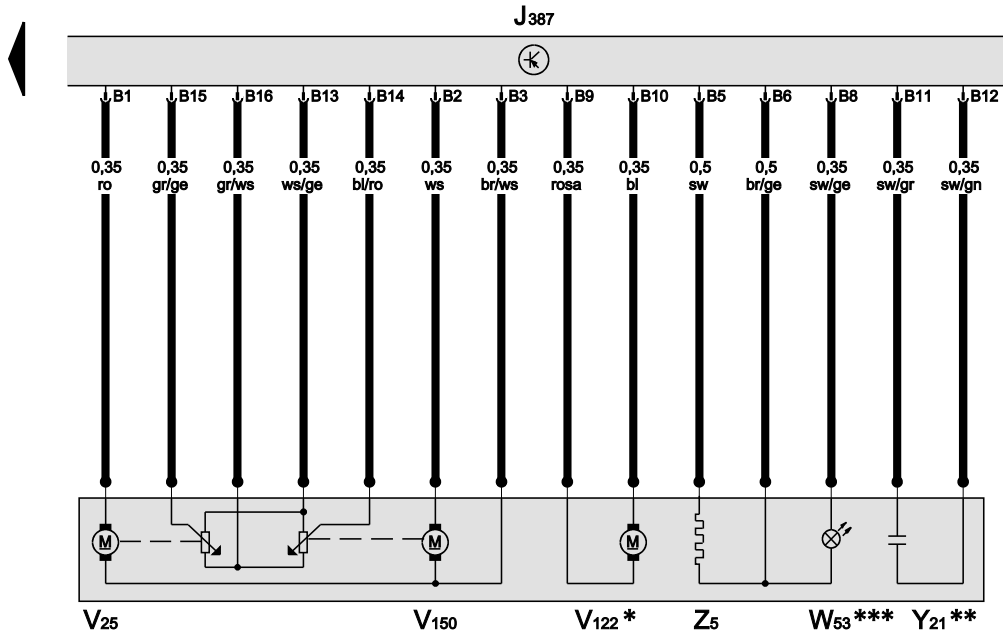
- A21 Front passenger door ambient lighting voltage converter
- J387 Front passenger door control unit
- K204 Central locking deadlock function warning lamp on front passenger side
- L109 Front passenger side door opener illumination
- L161 Front passenger door storage compartment illumination bulb
- L165 Front passenger door ambient lighting
- T2ae 2-pin connector, on ambient lighting voltage converter
- T2af 2-pin connector, on ambient lighting voltage converter
- T17q 17-pin connector, in front passenger door
- T20b 20-pin connector, black, right A-pillar
- W32 Front right entry light
- W36 Front passenger side door warning lamp
- 304 Earth connection 3, in front passenger side door wiring harness
- R53 Connection (58s), in front passenger side door wiring harness



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Front passenger door control unit, mirror adjustment motors, heated exterior mirror on front passenger side, front passenger side entry light in exterior mirror

- J387 Front passenger door control unit
- V25 Front passenger side mirror adjustment motor
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y21 Front passenger side automatic anti-dazzle exterior mirror
- W53 Front passenger side entry light in exterior mirror
- Z5 Front passenger side heated exterior mirror
- \* mirror with fold-in feature
- \*\* with automatic anti-dazzle exterior mirror
- \*\*\* with entry light in exterior mirror



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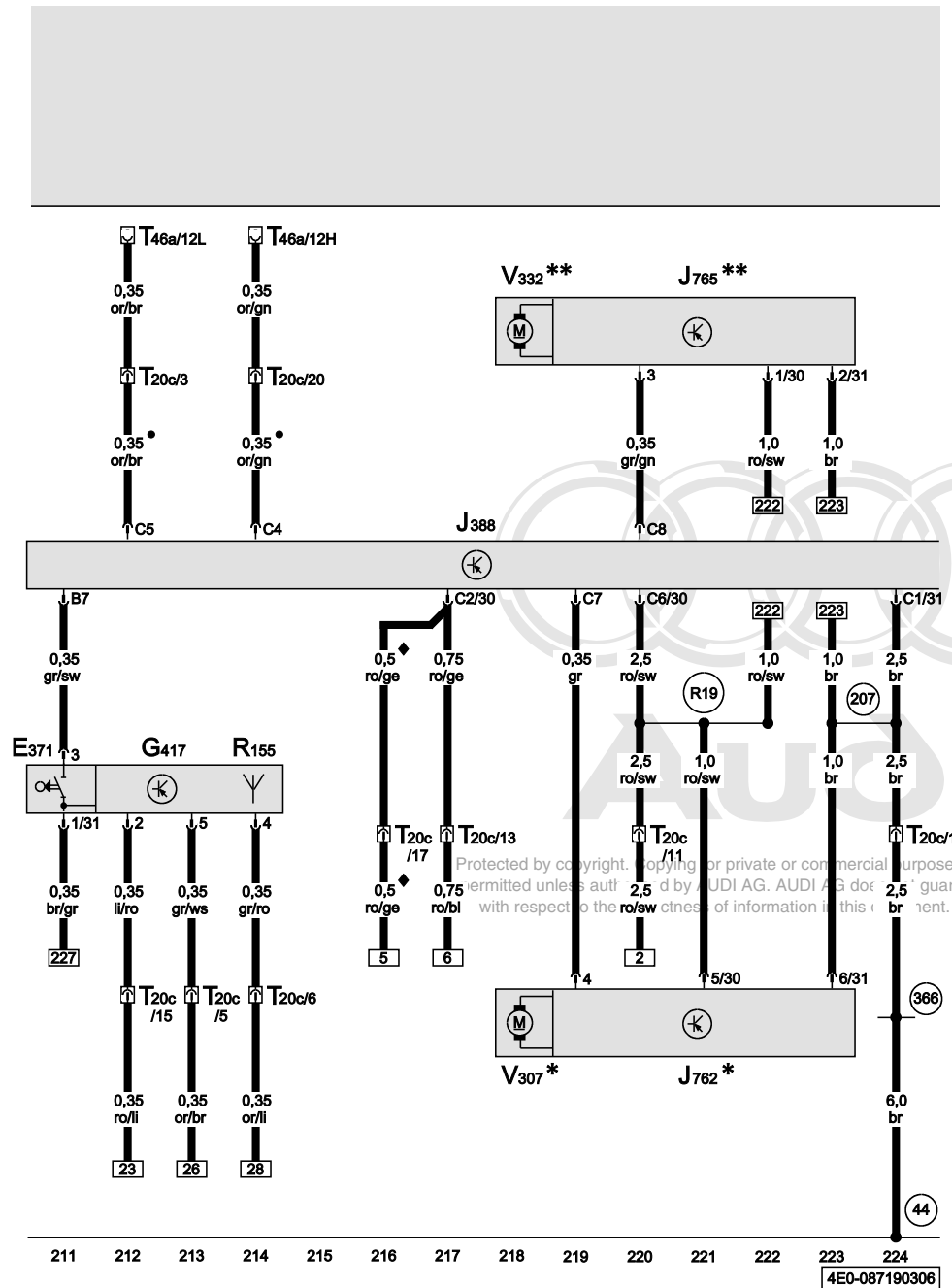
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Rear left door control unit, rear left door exterior handle touch sensor, driver side rear entry and start authorisation aerial, power latching control unit for rear left door, rear left door power latching motor, rear left side roller blind control unit

- E371 Rear left door exterior handle central locking button
- G417 Rear left door exterior handle touch sensor
- J388 Rear left door control unit
- J762 Power latching control unit for rear left door
- J765 Rear left side roller blind control unit
- R155 Driver side rear entry and start authorisation aerial
- T20c 20-pin connector, black, left B-pillar
- T46a 46-pin connector, black, CAN separating connector left
- V307 Rear left door power latching motor
- V332 Rear left side roller blind motor

- 44 Earth point, lower part of left A-pillar
  - 207 Earth connection, in rear left door wiring harness
  - 366 Earth connection 1, in main wiring harness
  - R19 Positive connection 1 (30), in rear left door wiring harness
- CAN bus (data wire)
  - \* models with power latching system
  - \*\* models with side roller blind
  - ◆ is dropped, from model year 2006

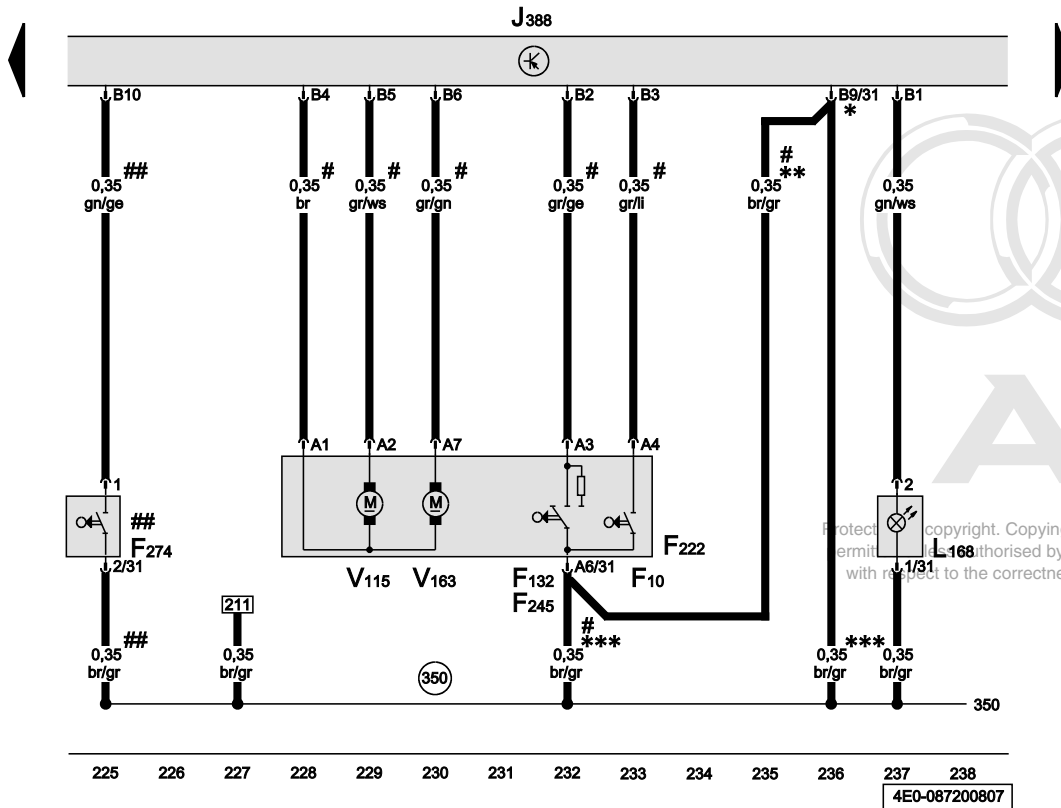


Rear left door control unit, rear left central locking lock unit, rear left door exterior handle switch, rear left exterior door handle illumination bulb

- F10 Rear left door contact switch
- F132 Rear left central locking actuator
- F222 Rear left central locking lock unit
- F245 Rear left door central locking actuator for deadlock function
- F274 Rear left door exterior handle switch
- J388 Rear left door control unit
- L168 Rear left exterior door handle illumination bulb
- V115 Rear left door central locking motor
- V163 Rear left door central locking deadlock function motor

350 Earth connection 2, in rear left door wiring harness

- \* switch earth output
- \*\* models without entry and start authorisation
- \*\*\* models with entry and start authorisation
- # models without power latching system
- ## only models with Keyless-Entry (4F2, 4K5)



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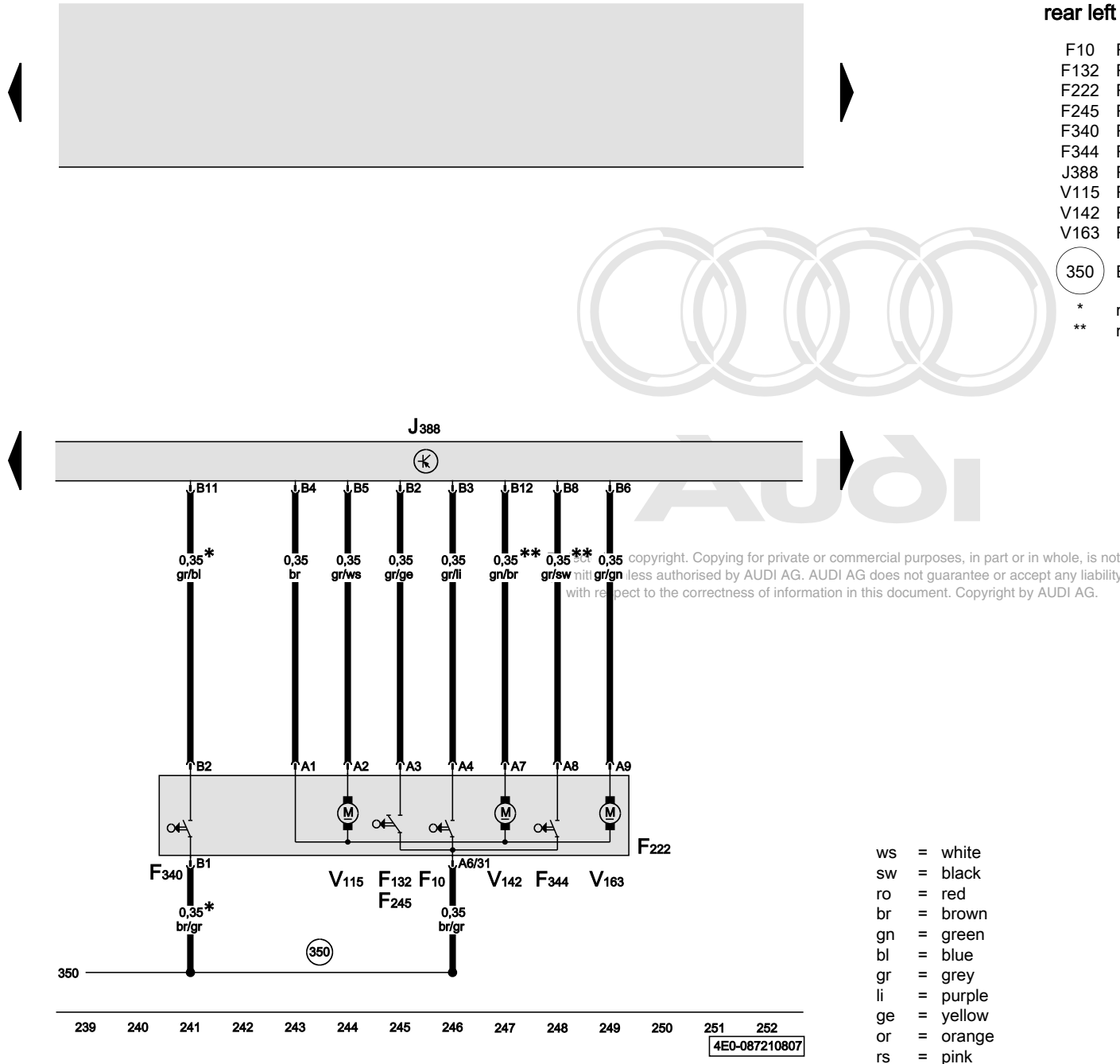
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Rear left door control unit, rear left central locking lock unit, rear left door power latching system contact switch

- F10 Rear left door contact switch
- F132 Rear left central locking actuator
- F222 Rear left central locking lock unit
- F245 Rear left door central locking actuator for deadlock function
- F340 Rear left door power latching system contact switch
- F344 Rear left childproof lock contact switch
- J388 Rear left door control unit
- V115 Rear left door central locking motor
- V142 Rear left childproof lock motor
- V163 Rear left door central locking deadlock function motor

350 Earth connection 2, in rear left door wiring harness

- \* models with power latching system
- \*\* models with childproof lock



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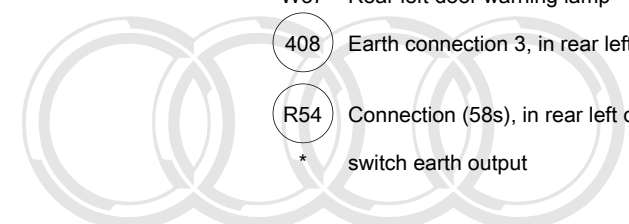
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4E0-087210807

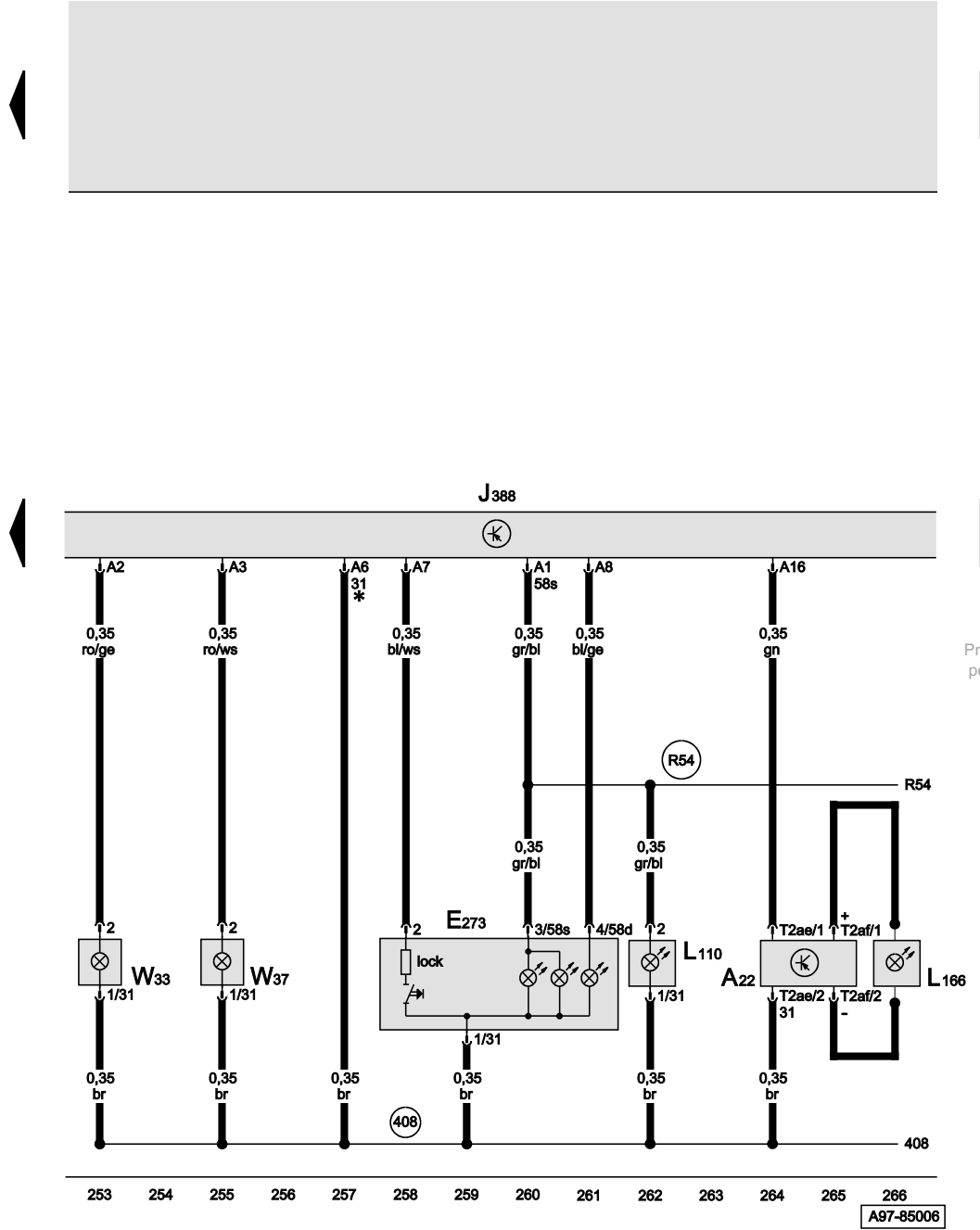
Rear left door control unit, rear left entry light, rear left door warning lamp, rear left interior locking switch

- A22 Rear left door ambient lighting voltage converter
- E273 Rear left interior locking switch
- J388 Rear left door control unit
- L110 Rear left door opener illumination
- L166 Rear left door ambient lighting bulb
- T2ae 2-pin connector, on ambient lighting voltage converter
- T2af 2-pin connector, on ambient lighting voltage converter
- W33 Rear left entry light
- W37 Rear left door warning lamp

- 408 Earth connection 3, in rear left door wiring harness
- R54 Connection (58s), in rear left door wiring harness
- \* switch earth output



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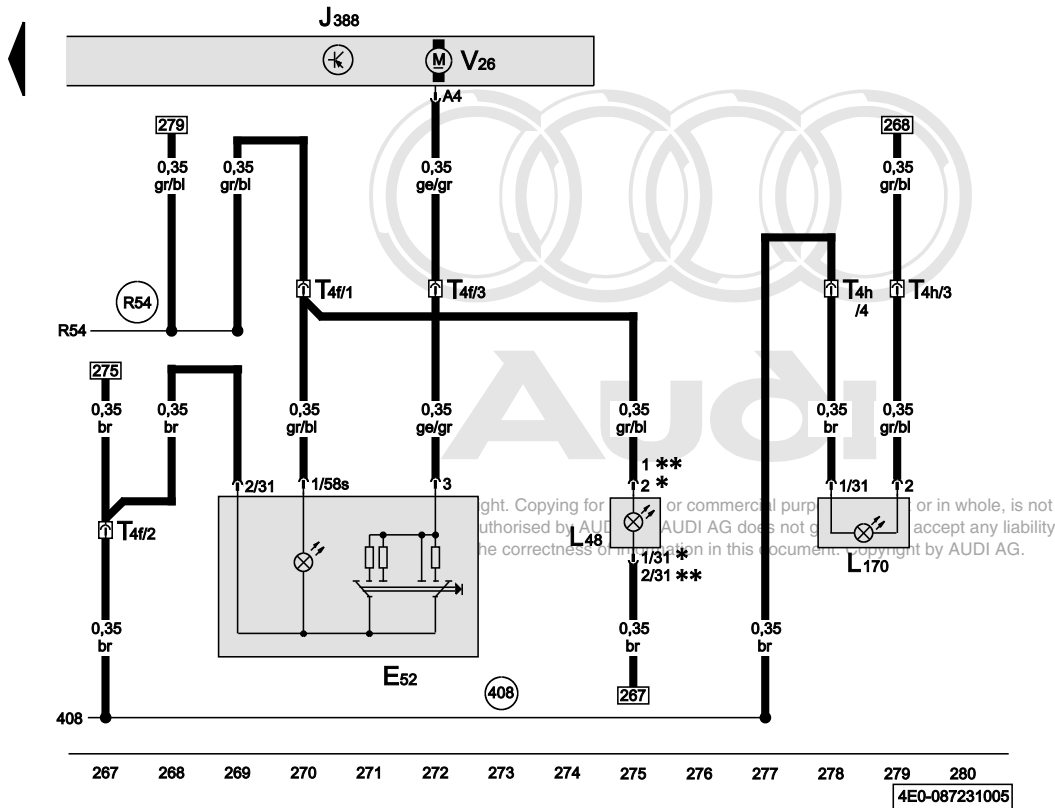
Rear left door control unit, rear left window regulator switch, in door, rear left ashtray illumination bulb, rear left window regulator motor, rear left door storage compartment illumination bulb

- E52 Rear left window regulator switch, in door
- J388 Rear left door control unit
- L48 Rear left ashtray illumination bulb
- L170 Rear left door storage compartment illumination bulb
- T4f 4-pin connector, in rear left door
- T4h 4-pin connector, in rear left door
- V26 Rear left window regulator motor

408 Earth connection 3, in rear left door wiring harness

R54 Connection (58s), in rear left door wiring harness

\* up to model year 2005  
 \*\* from model year 2006



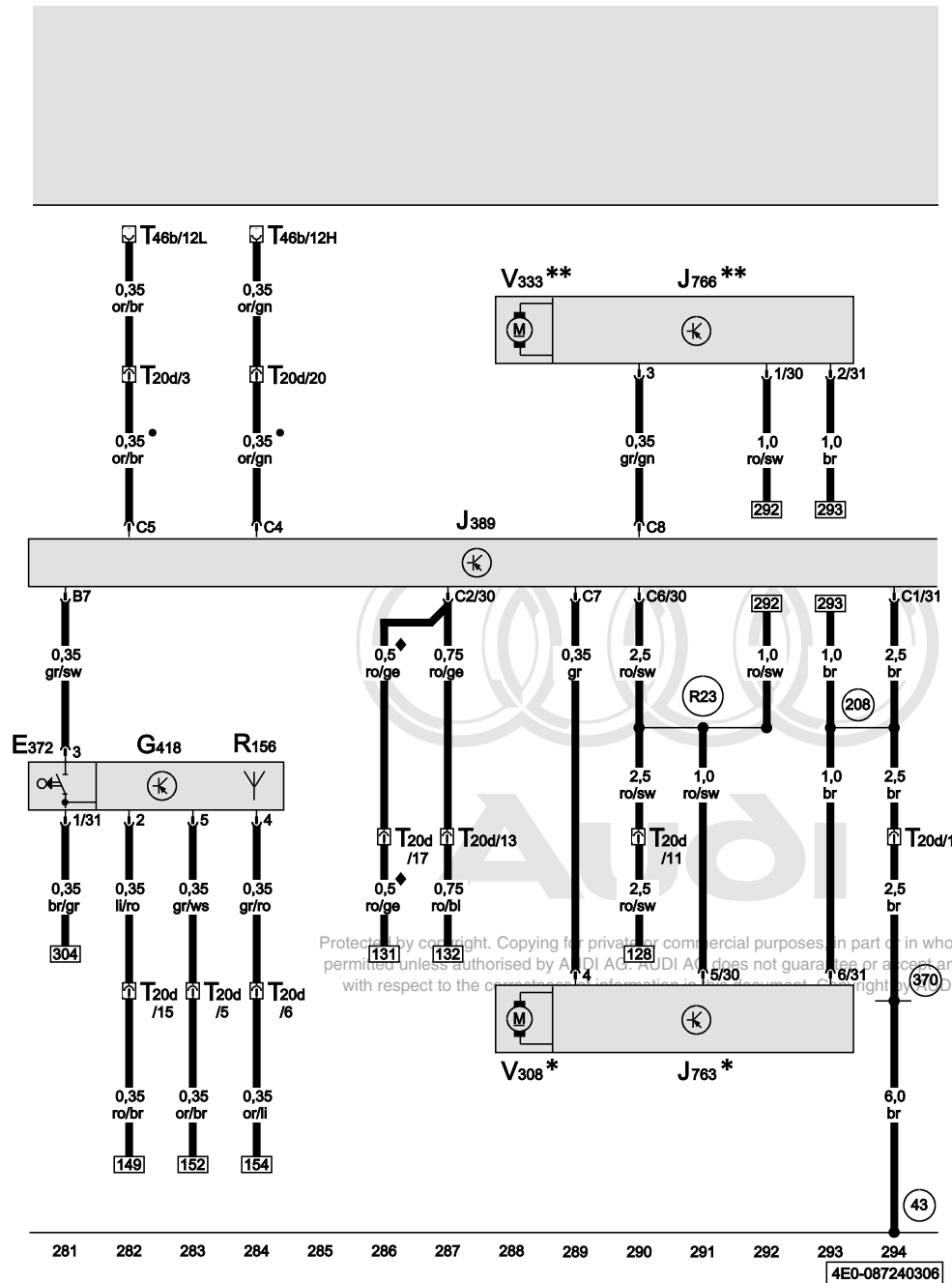
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4E0-087231005

Rear right door control unit, rear right door exterior handle touch sensor, front passenger side rear entry and start authorisation aerial, power latching control unit for rear right door, rear right door power latching motor, rear right side roller blind control unit, rear right door exterior handle central locking button

- E372 Rear right door exterior handle central locking button
- G418 Rear right door exterior door handle touch sensor
- J389 Rear right door control unit
- J763 Power latching control unit for rear right door
- J766 Rear right side roller blind control unit
- R156 Front passenger side rear entry and start authorisation aerial
- T20d 20-pin connector, black, right B-pillar
- T46b 46-pin connector, black, CAN separating connector right
- V308 Rear right power latching motor
- V333 Rear right side roller blind motor

- 43 Earth point, lower part of right A-pillar
- 208 Earth connection, in rear right door wiring harness
- 370 Earth connection 5, in main wiring harness
- R23 Positive connection 1 (30), in rear right door wiring harness
- CAN bus (data wire)
- \* models with power latching system
- \*\* models with side roller blind
- ◆ is dropped, from model year 2006



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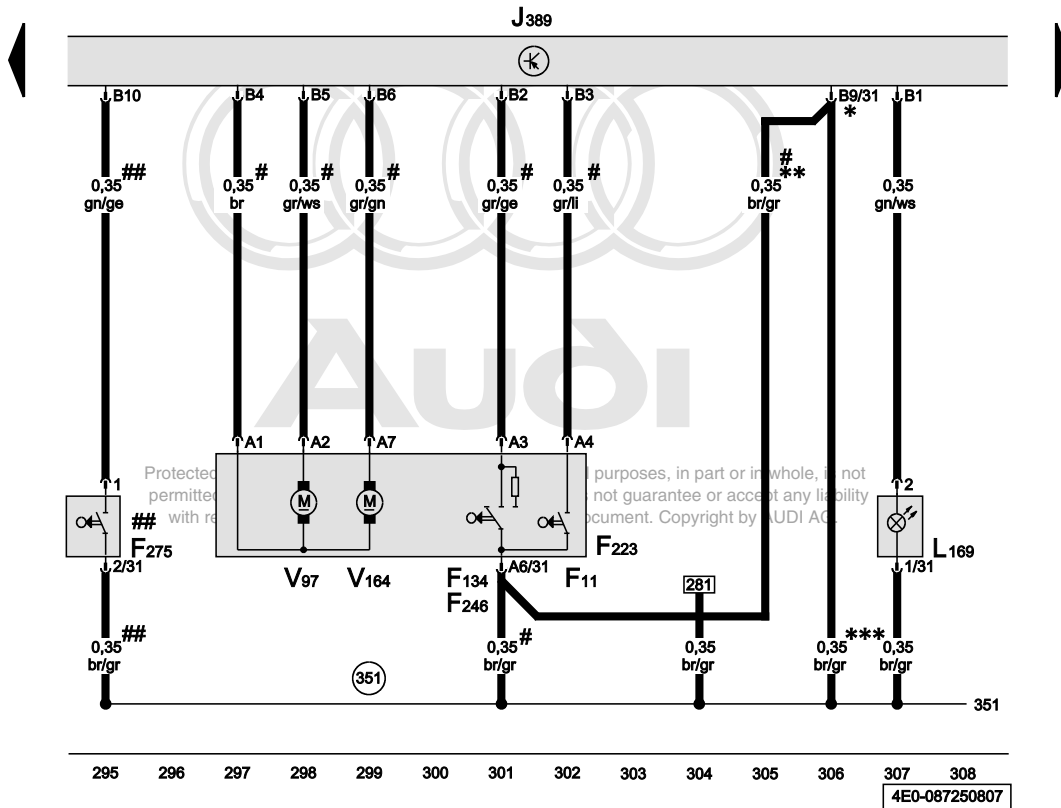
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4E0-087240306

Rear right door control unit, rear right door exterior handle central locking button, rear right central locking lock unit

- F11 Rear right door contact switch
- F134 Rear right central locking actuator
- F223 Rear right central locking lock unit
- F246 Rear right door central locking actuator for deadlock function
- F275 Rear right door exterior handle switch
- J389 Rear right door control unit
- L169 Rear right exterior door handle illumination bulb
- V97 Rear right door central locking motor
- V164 Rear right door central locking deadlock function motor

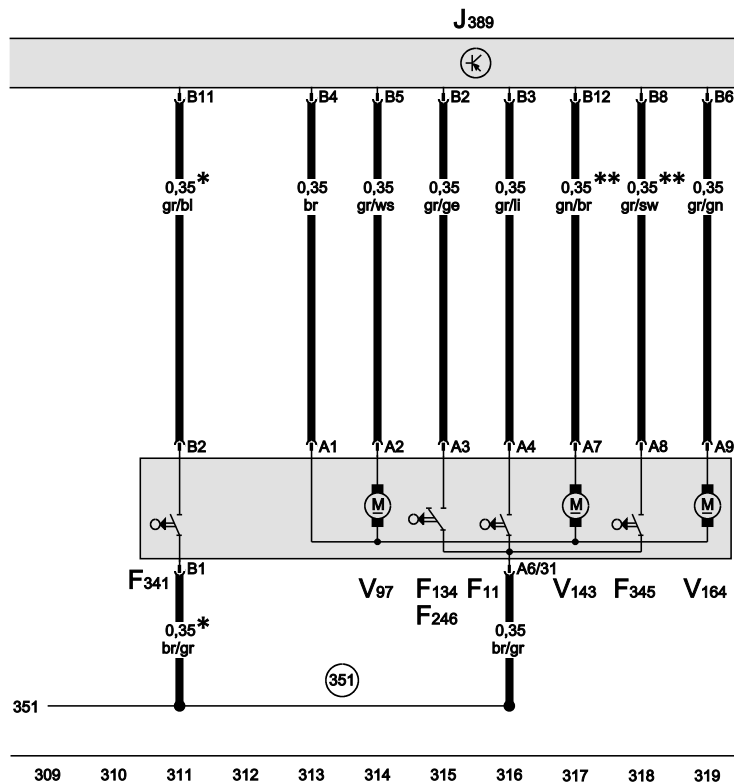
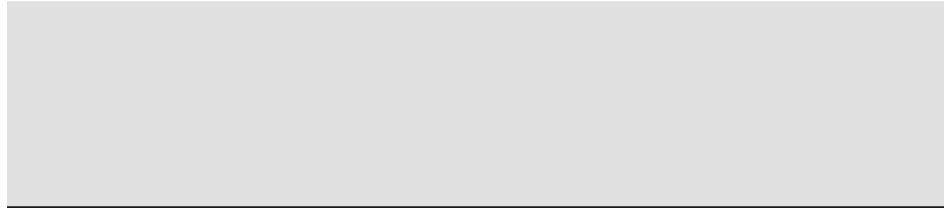
- 351 Earth connection 2, in rear right door wiring harness
- \* switch earth output
- \*\* models without entry and start authorisation
- \*\*\* models with entry and start authorisation
- # models without power latching system
- ## only models with Keyless-Entry (4F2, 4K5)



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Rear right door control unit, rear right central locking lock unit

- F11 Rear right door contact switch
- F134 Rear right central locking actuator
- F223 Rear right central locking lock unit
- F246 Rear right door central locking actuator for deadlock function
- F341 Rear right door power latching system contact switch
- F345 Rear right childproof lock contact switch
- J389 Rear right door control unit
- V97 Rear right door central locking motor
- V143 Rear right childproof lock motor
- V164 Rear right door central locking deadlock function motor
- 351 Earth connection 2, in rear right door wiring harness
- \* models with power latching system
- \*\* models with childproof lock



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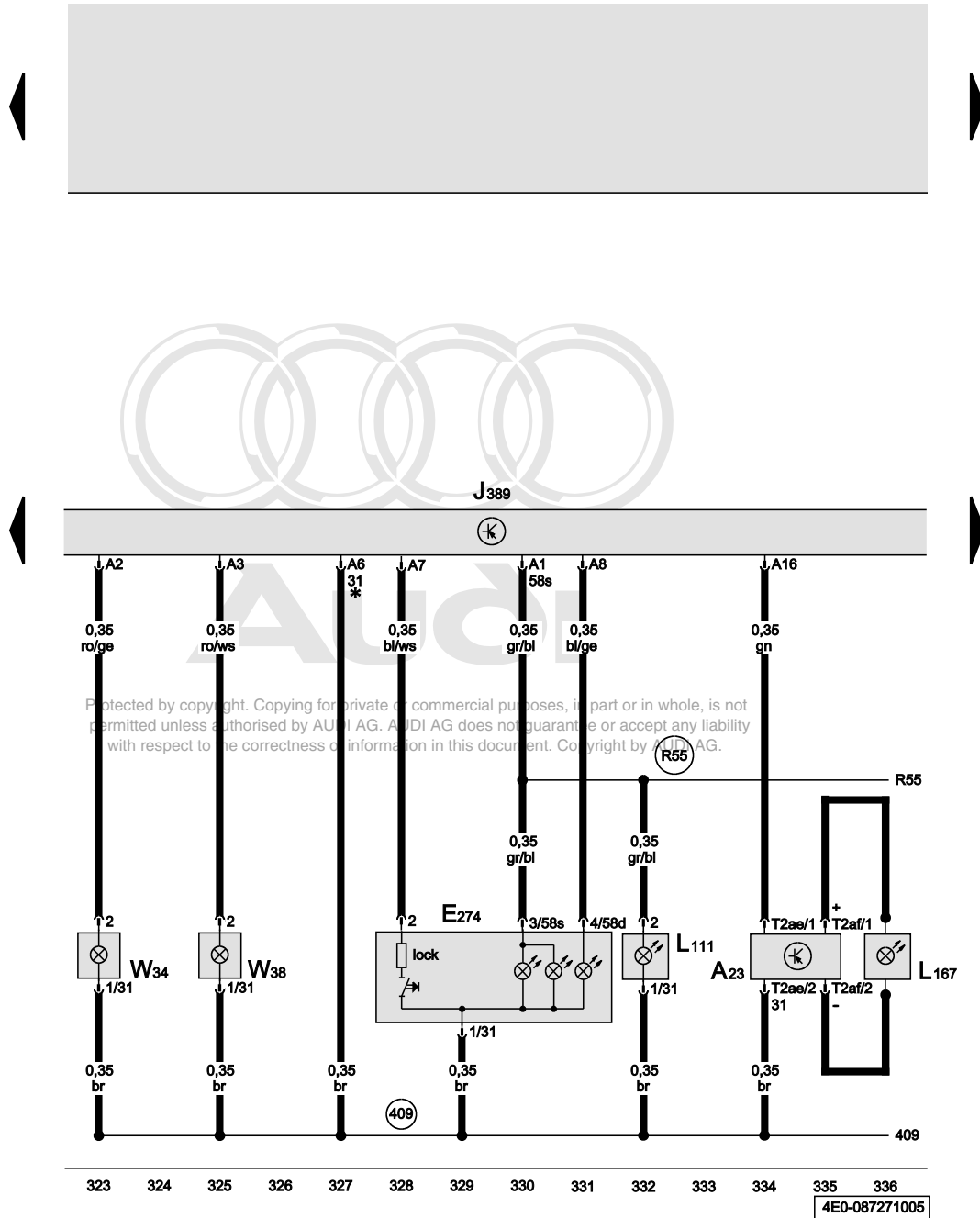
4E0-087260807



Rear right door control unit, rear right door control unit, rear right door warning lamp, rear right interior locking switch, rear right door opener illumination bulb, rear right door ambient lighting bulb

- A23 Rear right door ambient lighting voltage converter
- E274 Rear right interior locking switch
- J389 Rear right door control unit
- L111 Rear right door opener illumination bulb
- L167 Rear right door ambient lighting bulb
- T2ae 2-pin connector, on ambient lighting voltage converter
- T2af 2-pin connector, on ambient lighting voltage converter
- W34 Rear right entry light
- W38 Rear right door warning lamp

- 409 Earth connection 3, in rear right door wiring harness
- R55 Connection (58s), in rear right door wiring harness
- \* switch earth output



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Rear right door control unit, rear right window regulator motor, rear right window regulator switch, in door, rear right ashtray illumination bulb, rear right door storage compartment illumination bulb

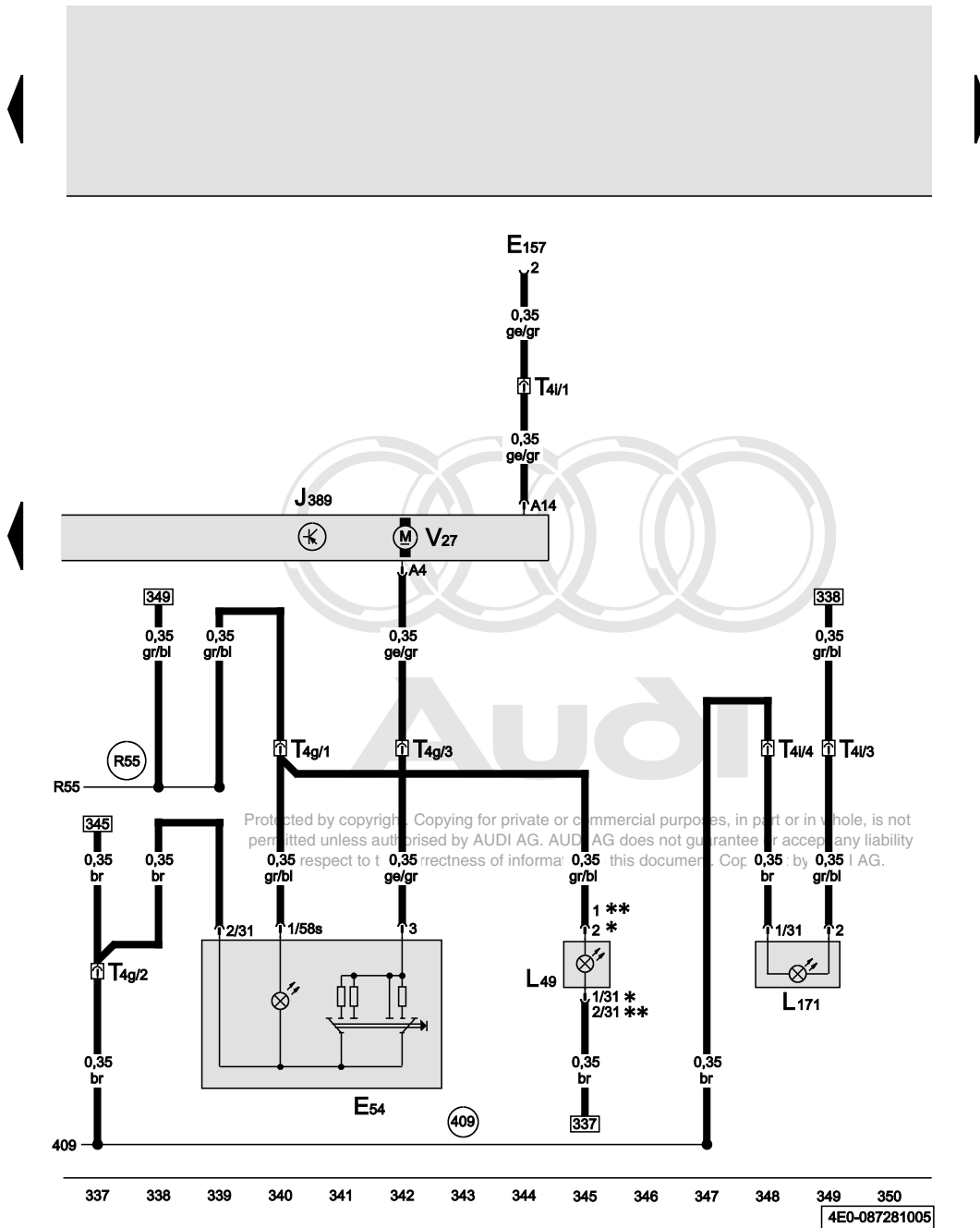
- E54 Rear right window regulator switch, in door
- E157 Front passenger seat adjustment switch
- J389 Rear right door control unit
- L49 Rear right ashtray illumination bulb
- L171 Rear right door storage compartment illumination bulb
- T4g 4-pin connector, in rear right door
- T4i 4-pin connector, in rear right door
- V27 Rear right window regulator motor

409 Earth connection 3, in rear right door wiring harness

R55 Connection (58s), in rear right door wiring harness

\* up to model year 2005

\*\* from model year 2006



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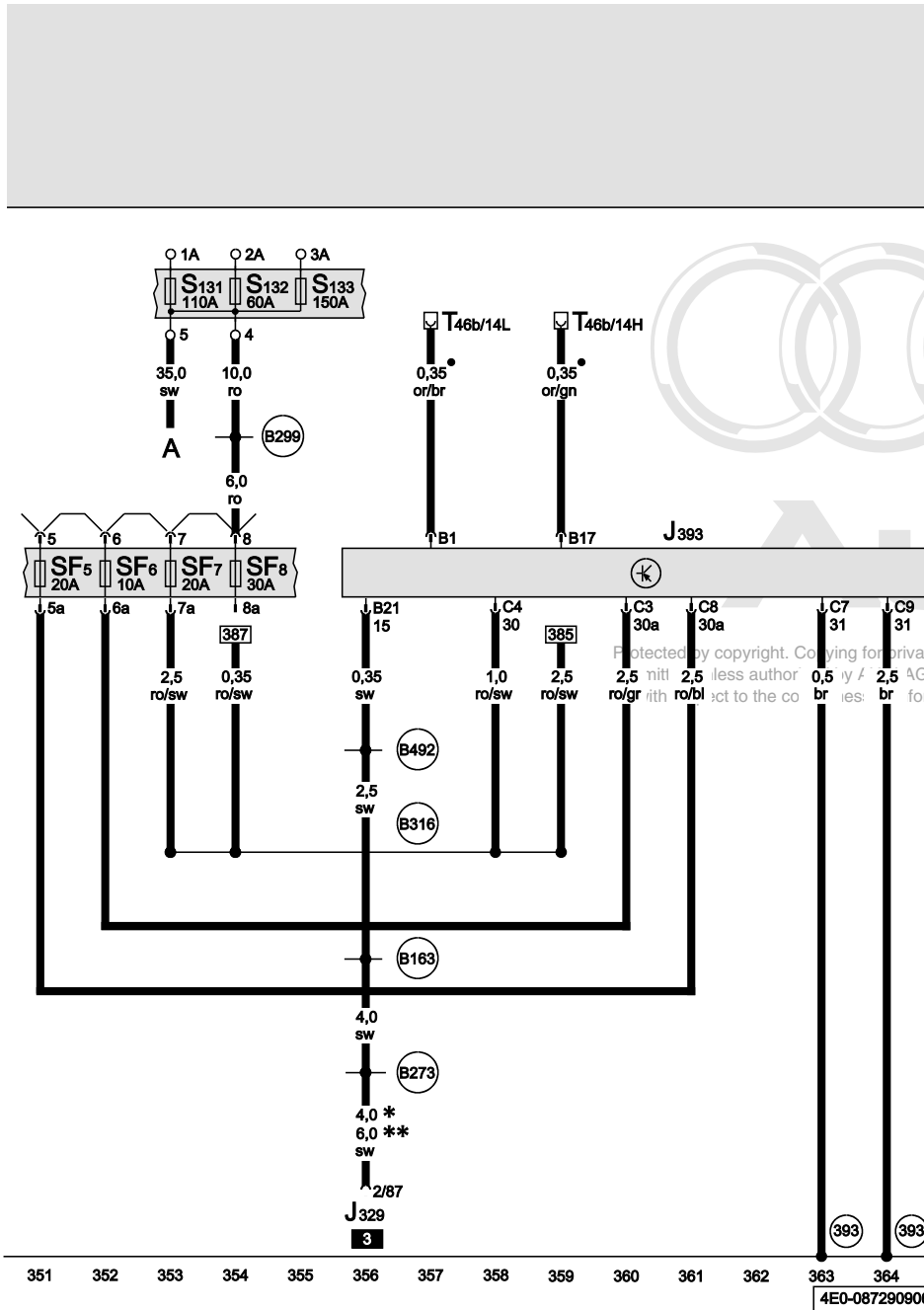
Convenience system central control unit, fuses

- A Battery
- J329 Terminal 15 voltage supply relay
- J393 Convenience system central control unit
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SF5 Fuse 5 on fuse holder
- SF6 Fuse 6 on fuse holder
- SF7 Fuse 7 on fuse holder
- SF8 Fuse 8 on fuse holder
- T46b 46-pin connector, black, CAN separating connector right

- (393) Earth connection 28, in main wiring harness
- (B163) Positive connection 1 (15), in interior wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B316) Positive connection 2 (30a), in main wiring harness
- (B492) Positive connection 3 (15), in interior wiring harness

- CAN bus (data wire)
- \* up to April 2006
- \*\* from May 2006

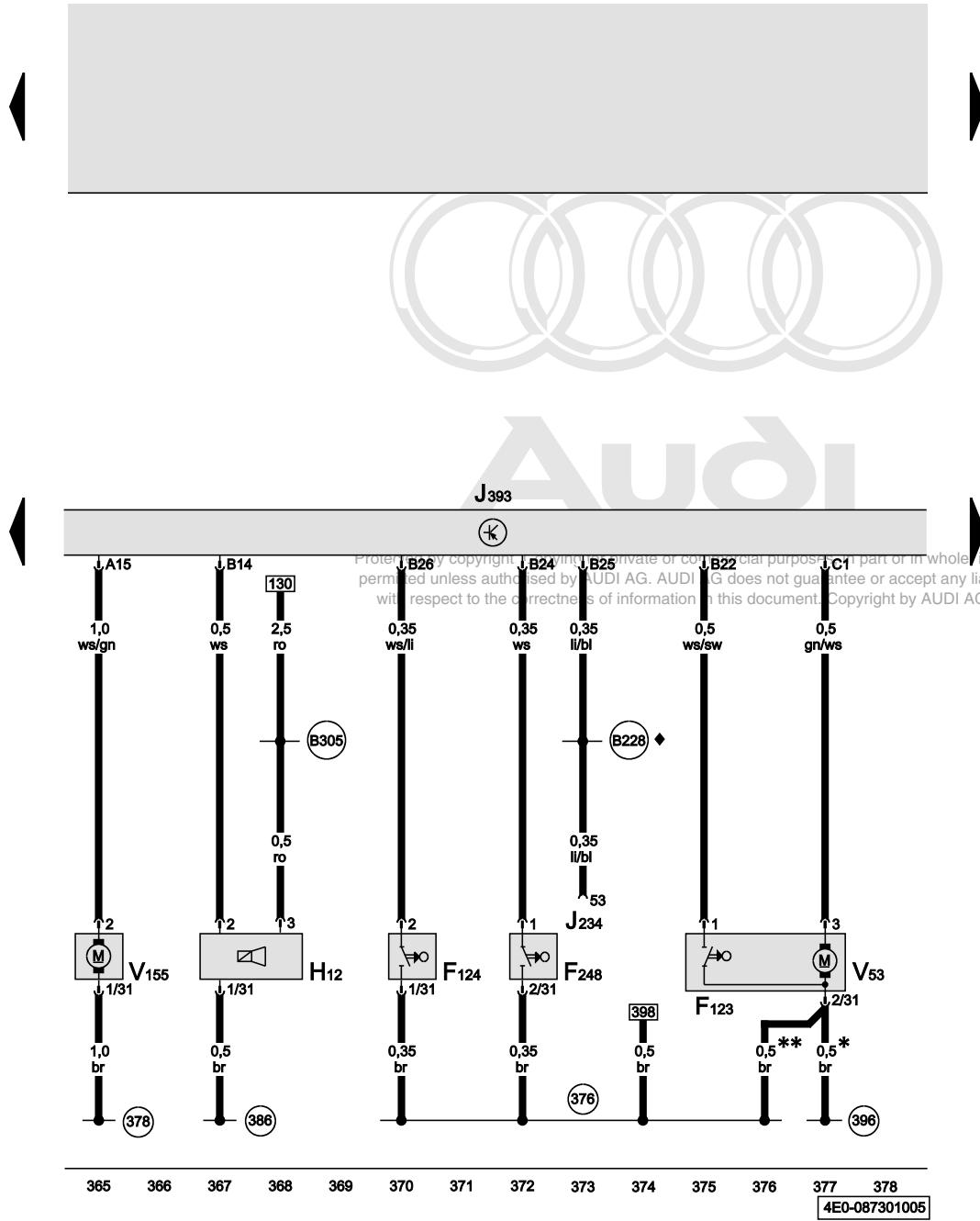
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Convenience system central control unit, rear lid, tank filler flap locking motor, switch in lock cylinder for rear lid, anti-theft alarm system, central locking system, release button for rear lid lock cylinder, rear lid central locking motor, alarm horn

- F123 Rear lid contact switch for anti-theft alarm system
- F124 Switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
- F248 Release button for rear lid lock cylinder
- H12 Alarm horn
- J234 Airbag control unit
- J393 Convenience system central control unit
- V53 Rear lid central locking motor
- V155 Tank filler flap locking motor

- (376) Earth connection 11, in main wiring harness
  - (378) Earth connection 13, in main wiring harness
  - (386) Earth connection 21, in main wiring harness
  - (396) Earth connection 31, in main wiring harness
  - (B228) Connection (crash signal), in interior wiring harness
  - (B305) Positive connection 9 (30), in main wiring harness
- ◆ is dropped, from model year 2006  
 \* up to October 2005  
 \*\* from November 2005



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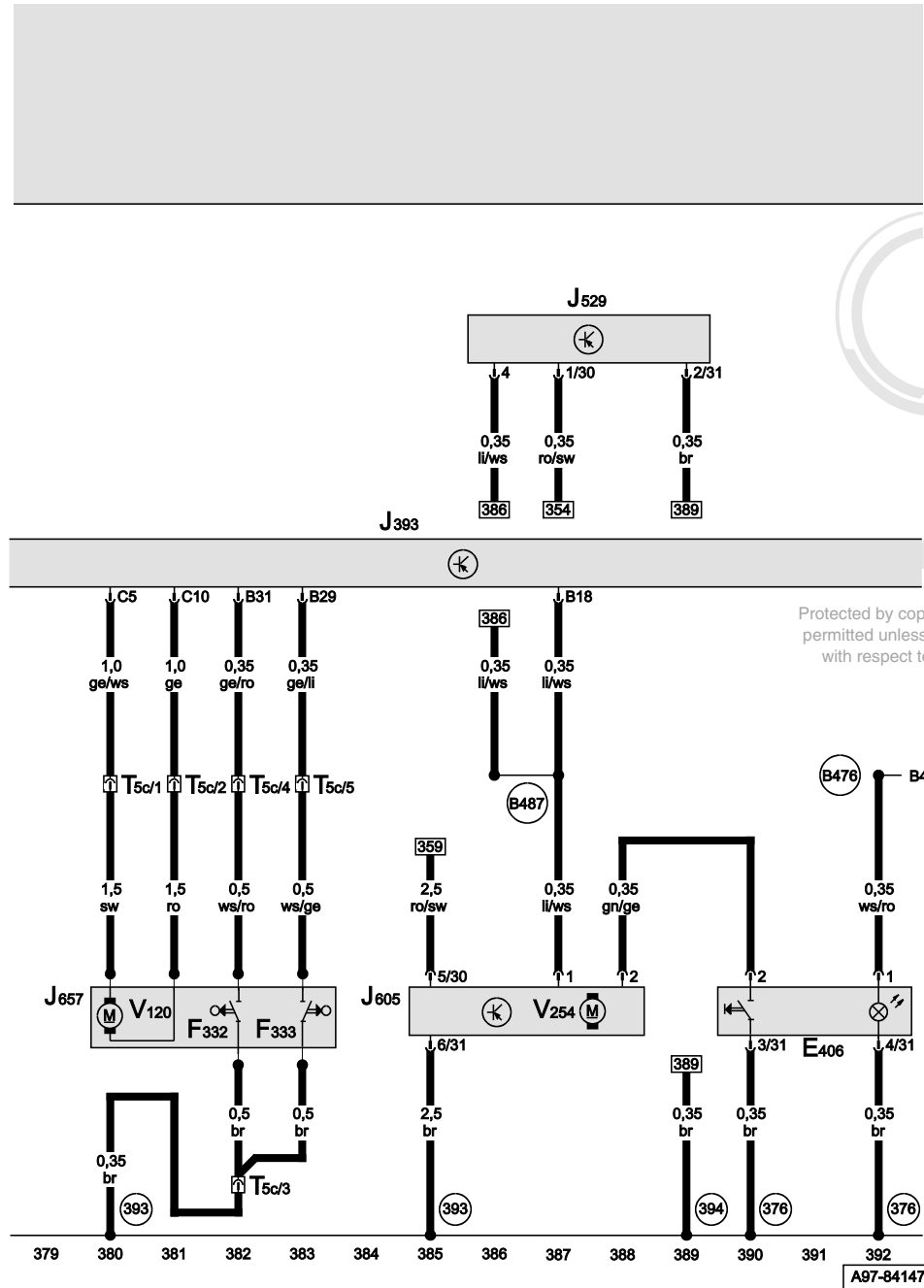
4E0-087301005

Convenience system central control unit, rear lid electric release motor, rear lid control unit, power latching system limit switch, luggage compartment locked, anti-theft and tilt system control unit, power latching control unit

- E406 Button to close rear lid in luggage compartment
- F332 Power latching system limit switch, luggage compartment unlocked
- F333 Power latching system limit switch, luggage compartment locked
- J393 Convenience system central control unit
- J529 Anti-theft and tilt system control unit
- J605 Rear lid control unit
- J657 Power latching control unit
- T5c 5-pin connector, in luggage compartment, power latching rear lid
- V120 Rear lid lock motor
- V254 Rear lid electric release motor

- 376 Earth connection 11, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- B476 Connection 12 in main wiring harness
- B487 Connection 23 in main wiring harness

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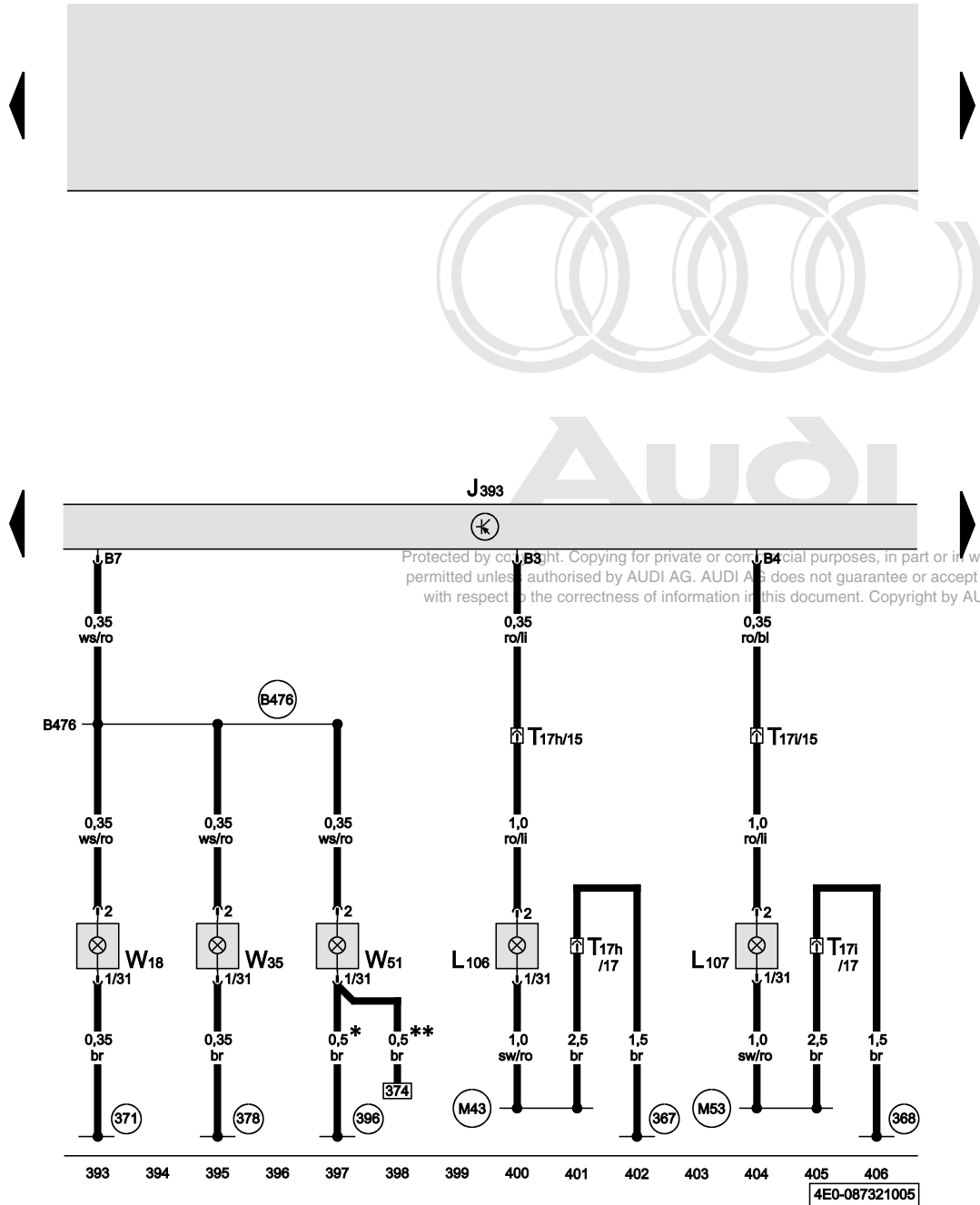
Convenience system central control unit, luggage compartment light, rear lid light, rear left and right footwell illumination bulb

- J393 Convenience system central control unit
- L106 Rear left footwell illumination bulb
- L107 Rear right footwell illumination bulb
- T17h 17-pin connector, grey, under driver seat
- T17i 17-pin connector, grey, under front passenger seat
- W18 Luggage compartment light on left
- W35 Right luggage compartment light
- W51 Rear lid light

- (367) Earth connection 2, in main wiring harness
- (368) Earth connection 3, in main wiring harness
- (371) Earth connection 6, in main wiring harness
- (378) Earth connection 13, in main wiring harness
- (396) Earth connection 31, in main wiring harness
- (B476) Connection 12 in main wiring harness
- (M43) Connection 3, in driver seat wiring harness
- (M53) Connection 3, in front passenger seat wiring harness

\* up to October 2005  
 \*\* from November 2005

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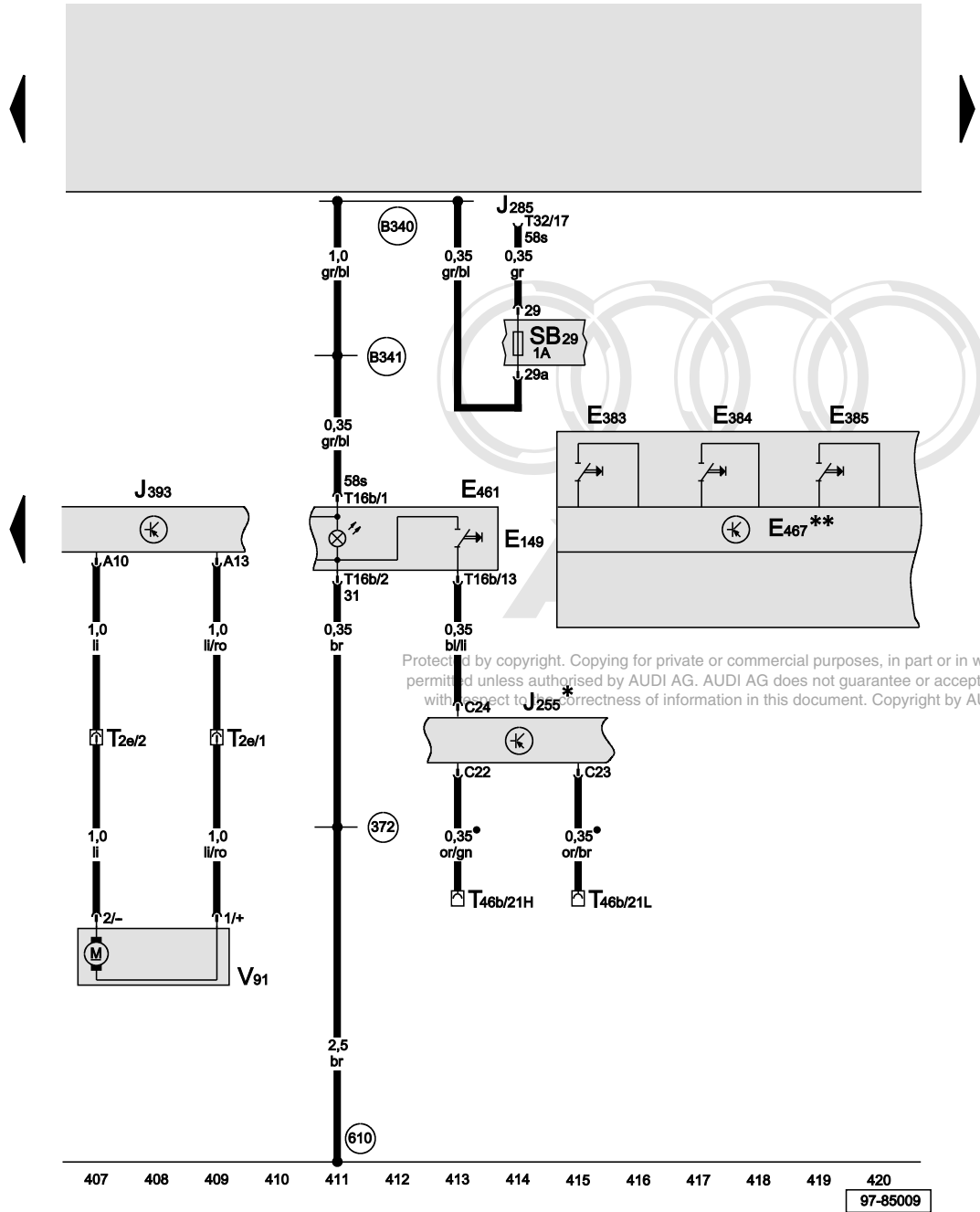
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4E0-087321005

Rear switch for rear roller blind, rear roller blind motor

- E149 Rear roller blind switch
- E383 Rear left roller blind button
- E384 Rear right roller blind button
- E385 Rear switch for rear roller blind
- E461 Operating unit in front of centre console
- E467 Rear operating unit for roof module
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J393 Convenience system central control unit
- SB29 Fuse 29 on fuse holder
- T2e 2-pin connector, black, rear roller blind right of D-pillar
- T16b 16-pin connector, black, on operating unit in front of centre console
- T32 32-pin connector, blue, on dash panel insert
- T46b 46-pin connector, black, CAN separating connector right
- V91 Rear roller blind motor

- 372 Earth connection 7, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- CAN bus (data wire)
- \* Front information display and operating unit
- \*\* See basic equipment Current Flow Diagram



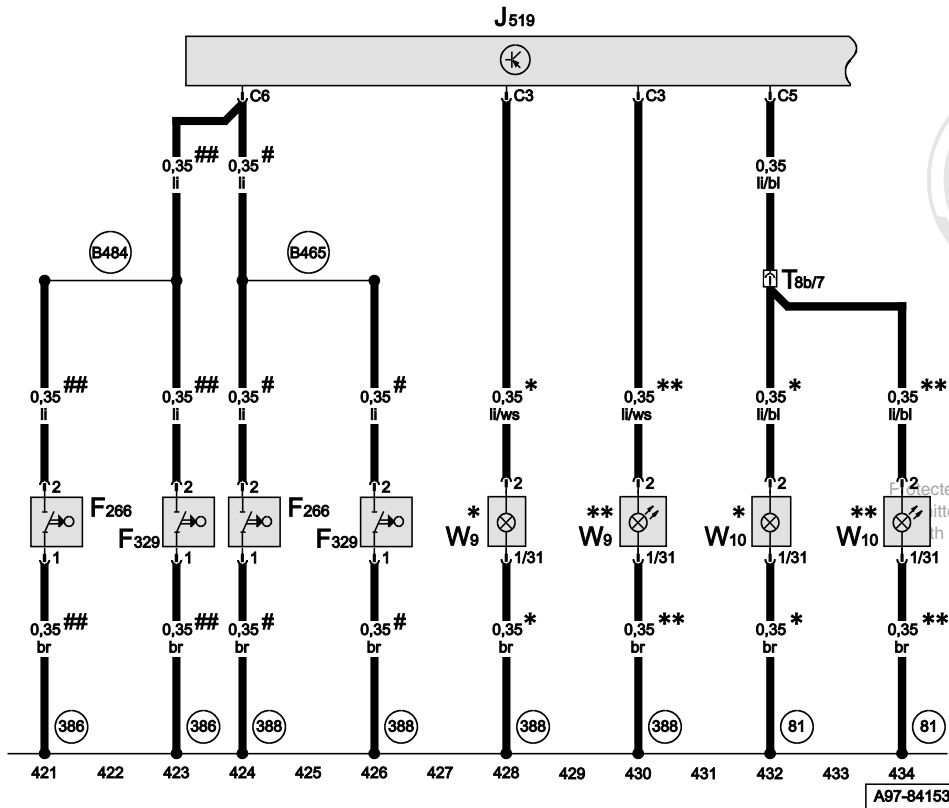
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Onboard supply control unit, bonnet contact switch, left footwell light, right footwell light

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- J519 Onboard supply control unit
- T8b 8-pin connector, black, behind right dash panel
- W9 Left footwell light
- W10 Right footwell light

- 81 Earth connection 1, in dash panel wiring harness (glove box)
- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B465 Connection 1 in main wiring harness
- B484 Connection 20 in main wiring harness

- \* without light equipment
- \*\* with light equipment
- # up to September 2004
- ## from October 2004



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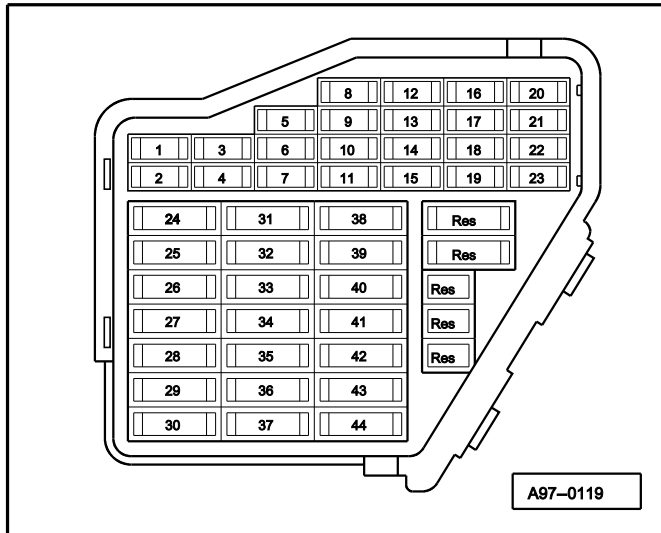
A97-84153



## Airbag

from model year 2005

### Fuse holder, left dash panel



#### Fuse colours

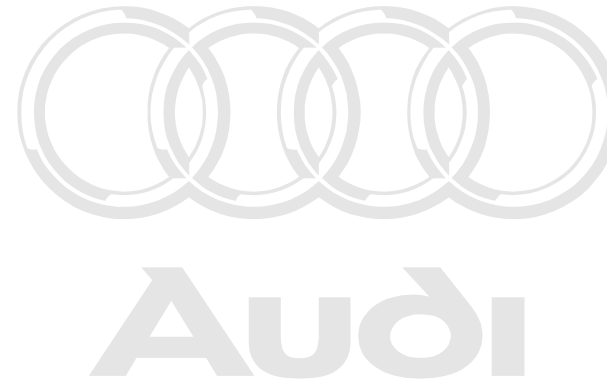
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

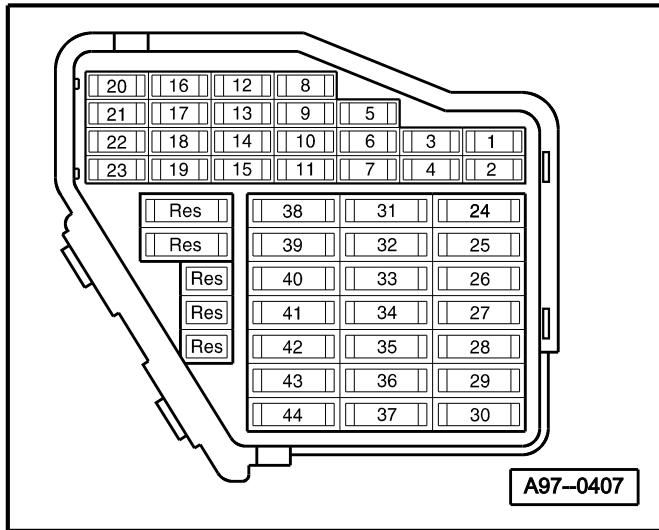
SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

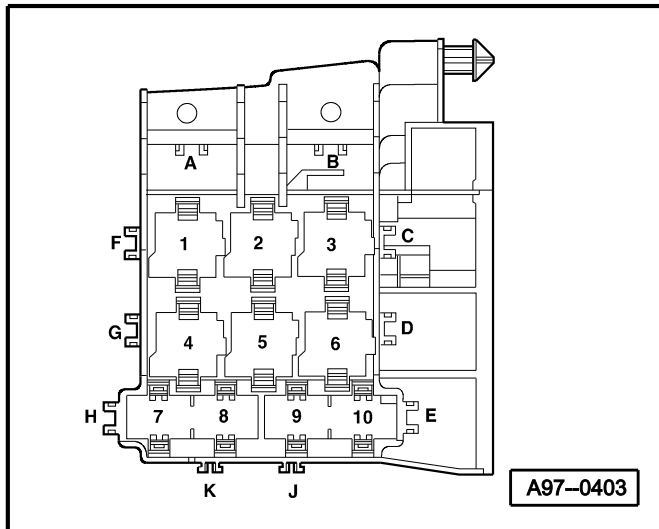


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Fuse holder right dash panel



Relay and fuse carrier behind left dash panel



Relay positions

3 - Terminal 15 voltage supply relay (J329)

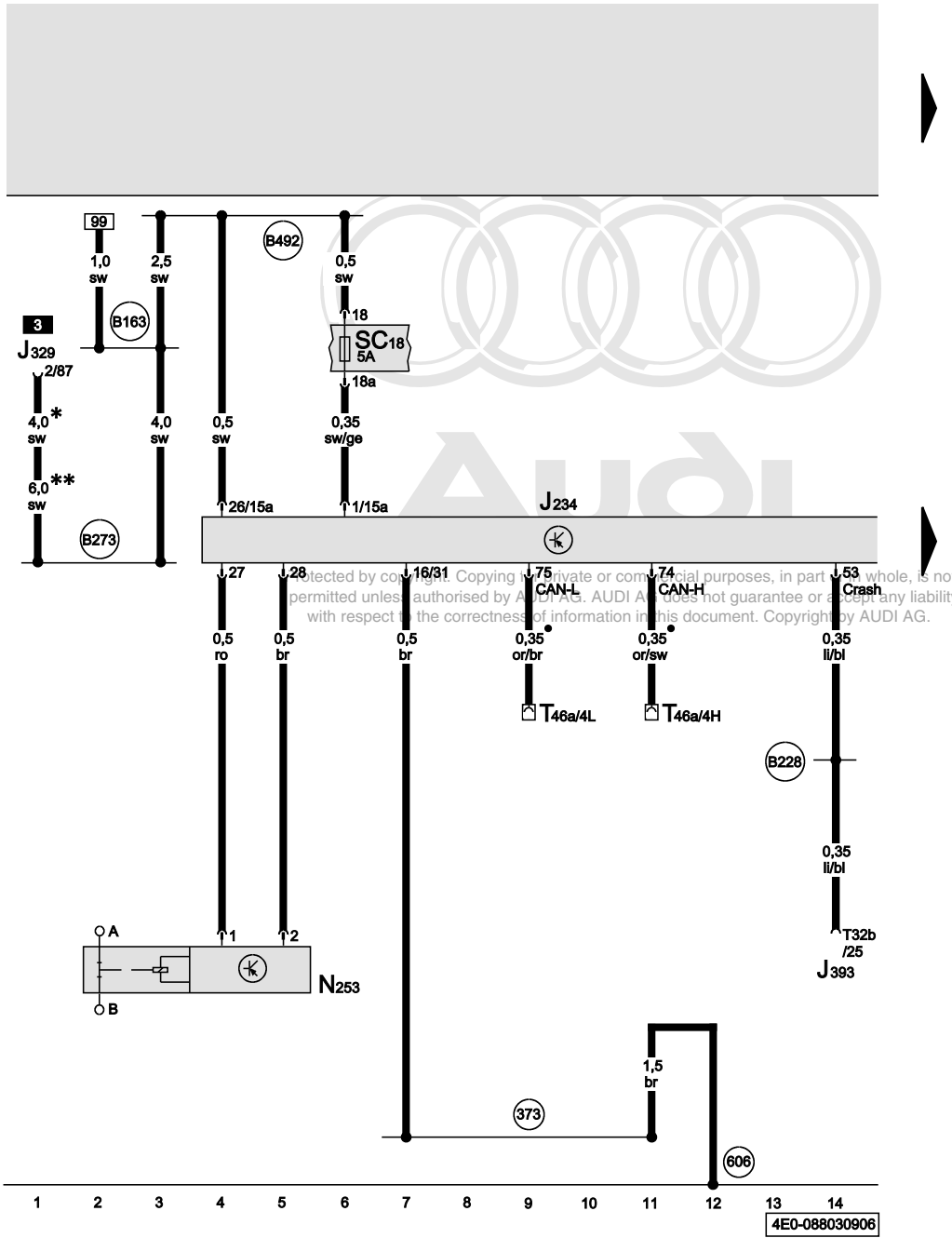


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Airbag control unit, battery isolation igniter

- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J393 Convenience system central control unit
- N253 Battery isolation igniter
- SC18 Fuse 18 on fuse holder
- T32b 32-pin connector, connector B, on convenience system central control unit
- T46a 46-pin connector, black, CAN separating connector left
- 373 Earth connection 8, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B163 Positive connection 1 (15), in interior wiring harness
- B228 Connection (crash signal), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B492 Positive connection 3 (15), in interior wiring harness

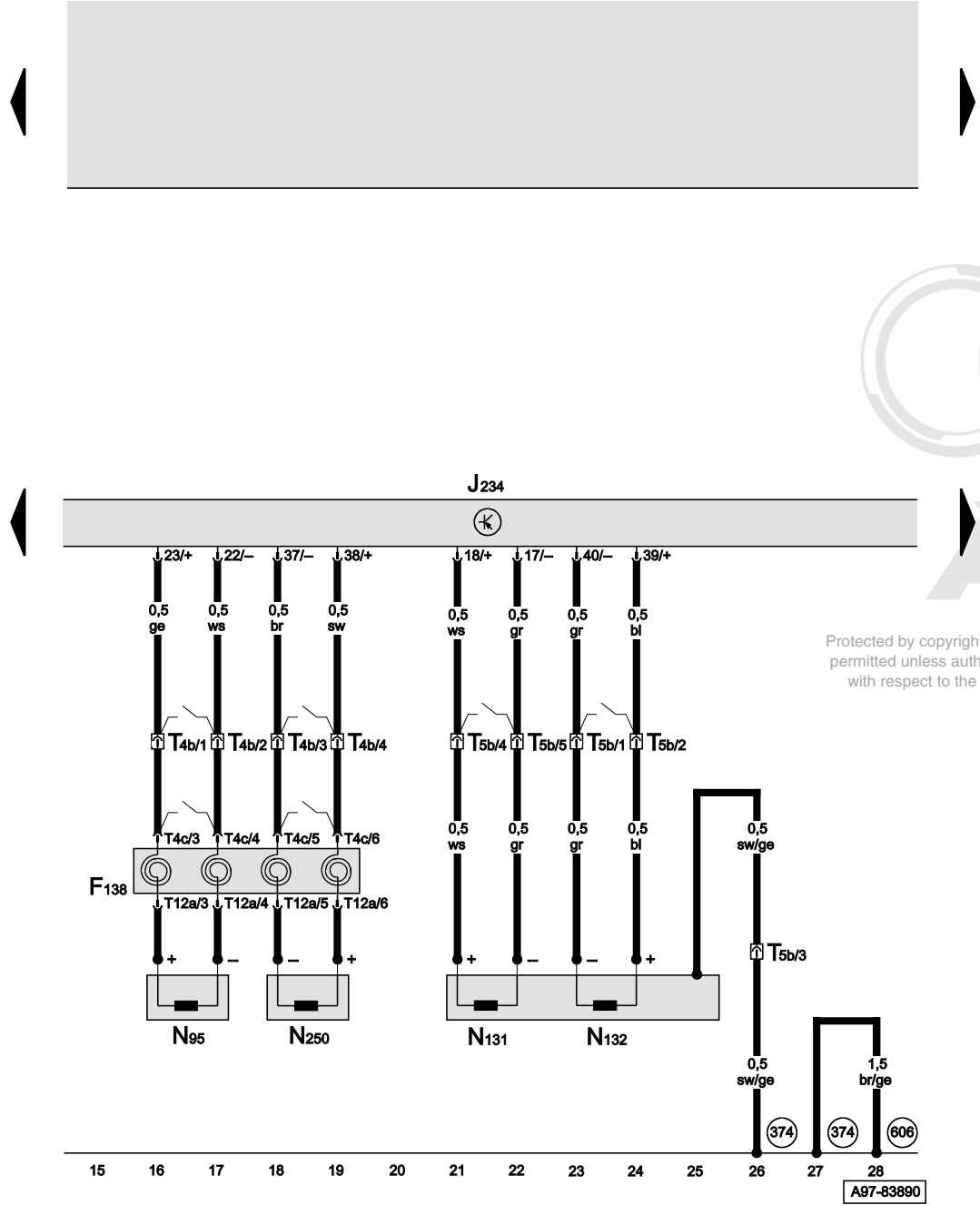


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4E0-088030906

**Airbag control unit, driver side airbag igniter, front passenger side airbag igniter 1**

- F138 Airbag coil connector
- J234 Airbag control unit
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- N132 Front passenger side airbag igniter 2
- N250 Driver side airbag igniter 2
- T4b 4-pin connector, behind steering column switch trim (airbag)
- T4c 4-pin connector, behind steering column switch trim (coil connector)
- T5b 5-pin connector, yellow, behind the dash panel, right
- T12a 12-pin connector, yellow, on steering wheel
- 374 Earth connection 9, in main wiring harness
- 606 Earth point, under the centre console near gear stick



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Airbag control unit, side airbag

- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on front passenger side
- T3d 3-pin connector, yellow, under driver seat
- T3e 3-pin connector, yellow, under front passenger seat
- T3f 3-pin connector, orange, under left of rear seat
- T3g 3-pin connector, orange, under right of rear seat

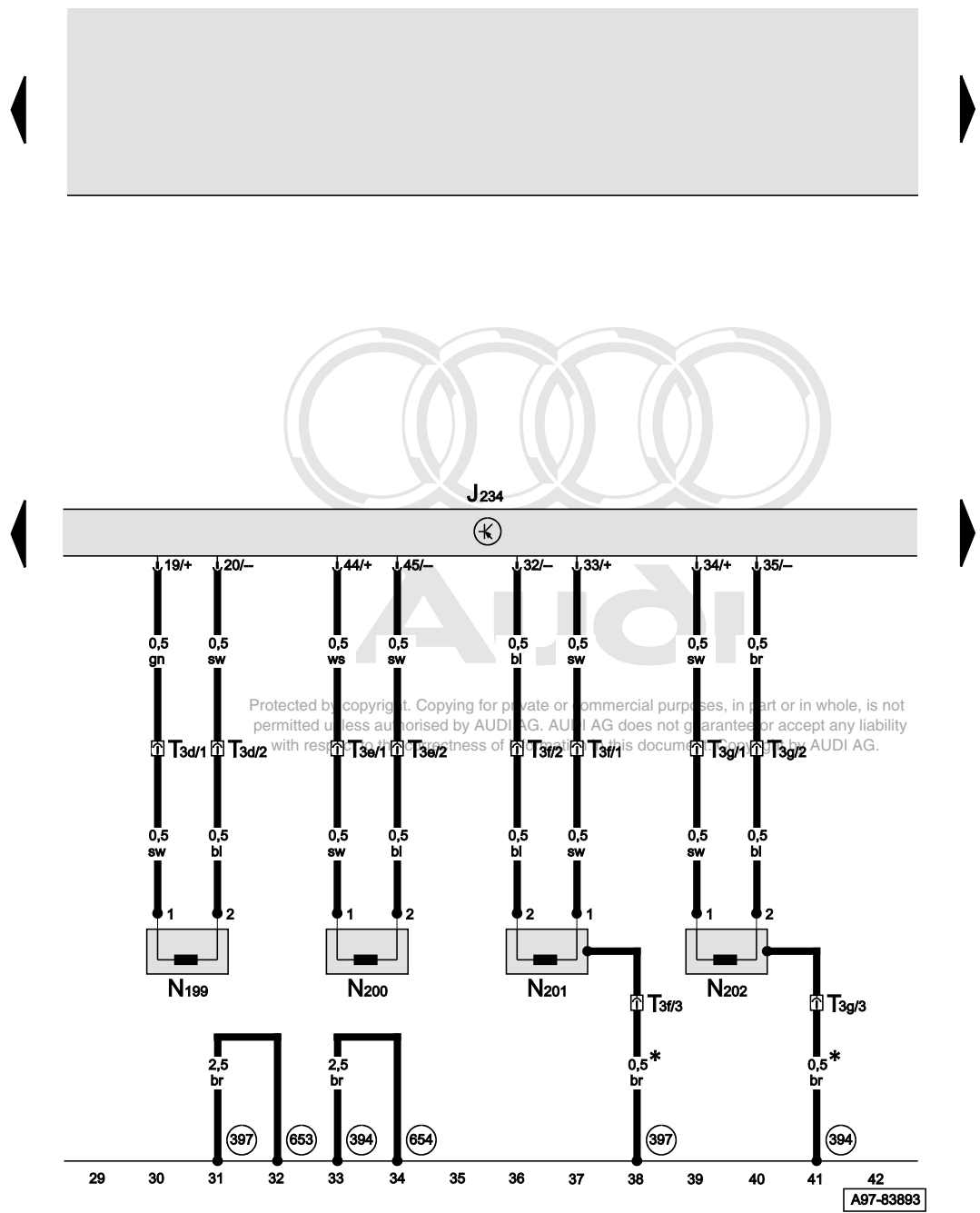
394 Earth connection 29, in main wiring harness

397 Earth connection 32, in main wiring harness

653 Earth point, left D-pillar

654 Earth point, right D-pillar

\* models without seat heating and without rear seat adjustment

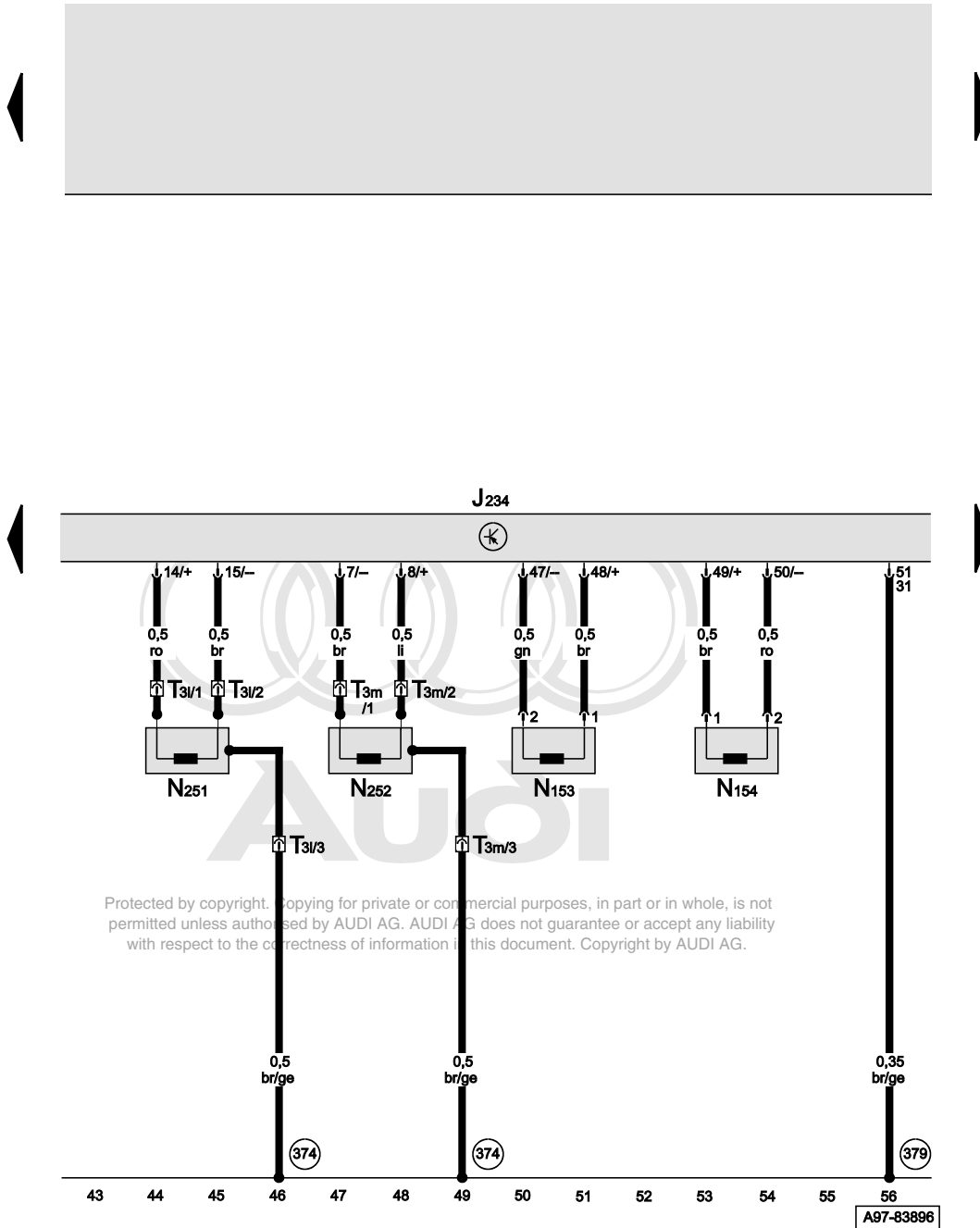


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Airbag control unit, curtain airbag, front belt tensioner

- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger side seat belt tensioner igniter 2
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T3l 3-pin connector, yellow, left D-pillar
- T3m 3-pin connector, yellow, right D-pillar

- (374) Earth connection 9, in main wiring harness
- (379) Earth connection 14, in main wiring harness



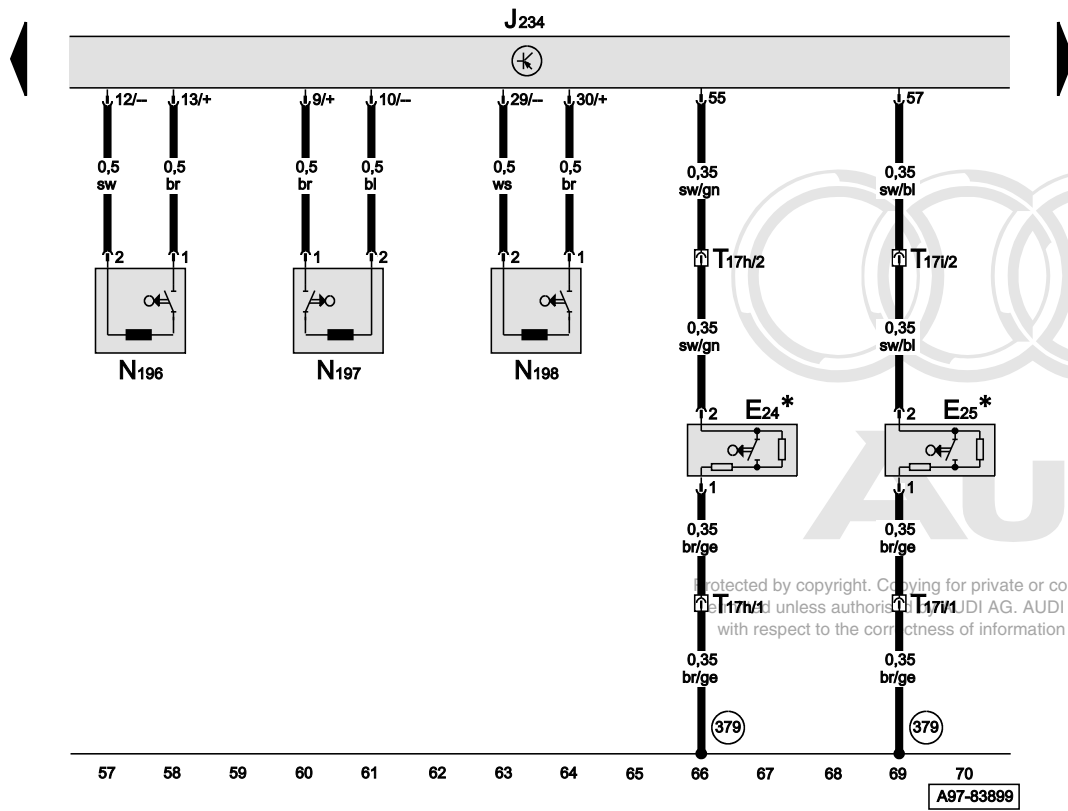
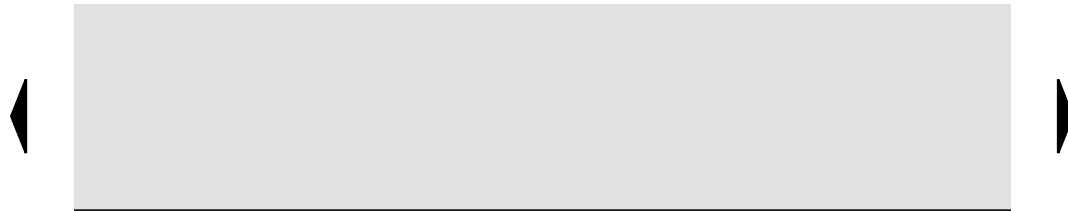
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Airbag control unit, rear belt tensioner, belt switch

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- J234 Airbag control unit
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on front passenger side
- N198 Rear centre belt tensioner igniter
- T17h 17-pin connector, grey, under driver seat
- T17i 17-pin connector, grey, under front passenger seat

379 Earth connection 14, in main wiring harness

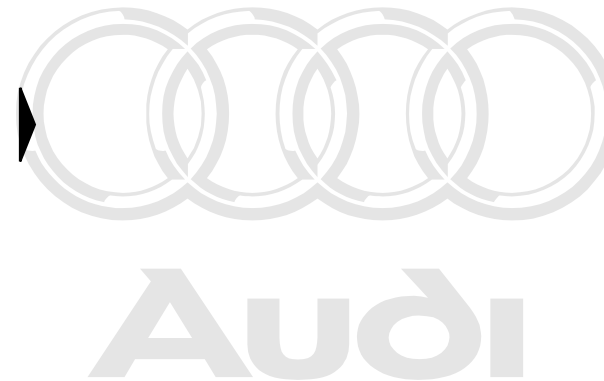
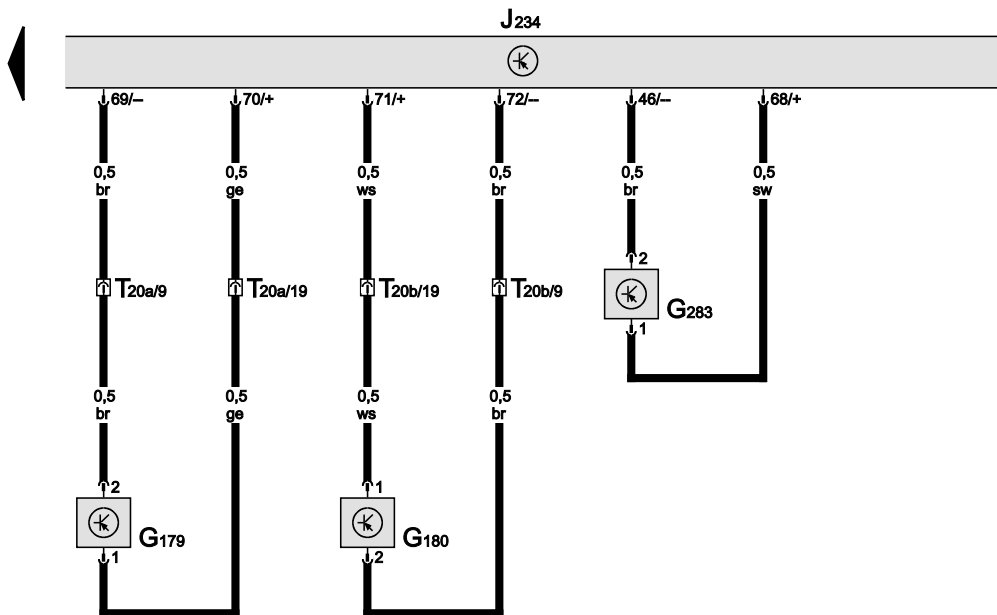
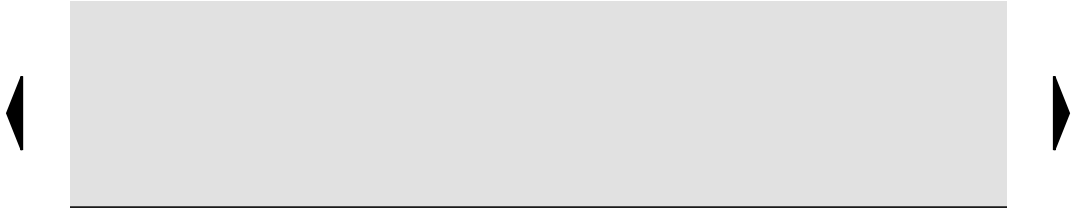
\* models with seat belt warning



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**Airbag control unit, crash sensor for side airbag, crash sensor for front airbag**

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- T20a 20-pin connector, black, left A-pillar
- T20b 20-pin connector, black, right A-pillar



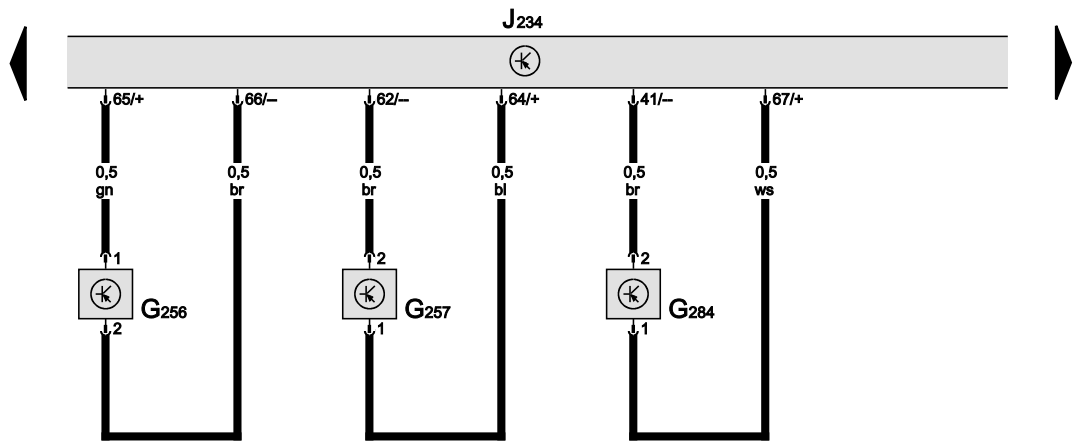
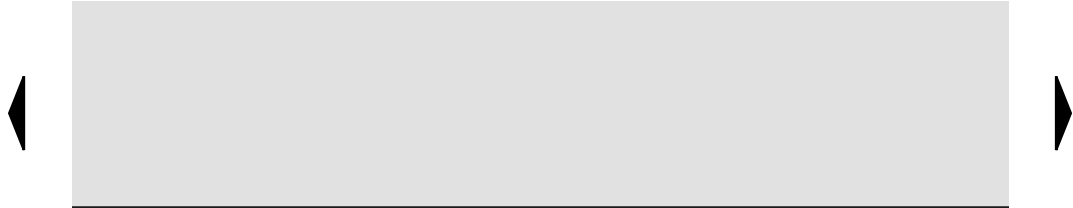
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**Airbag control unit, rear side airbag crash sensor, crash sensor for front airbag**

- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on front passenger side
- G284 Front airbag crash sensor for front passenger side
- J234 Airbag control unit



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**Airbag control unit, key operated switch to deactivate front passenger side airbag, front passenger side airbag deactivated warning lamp**

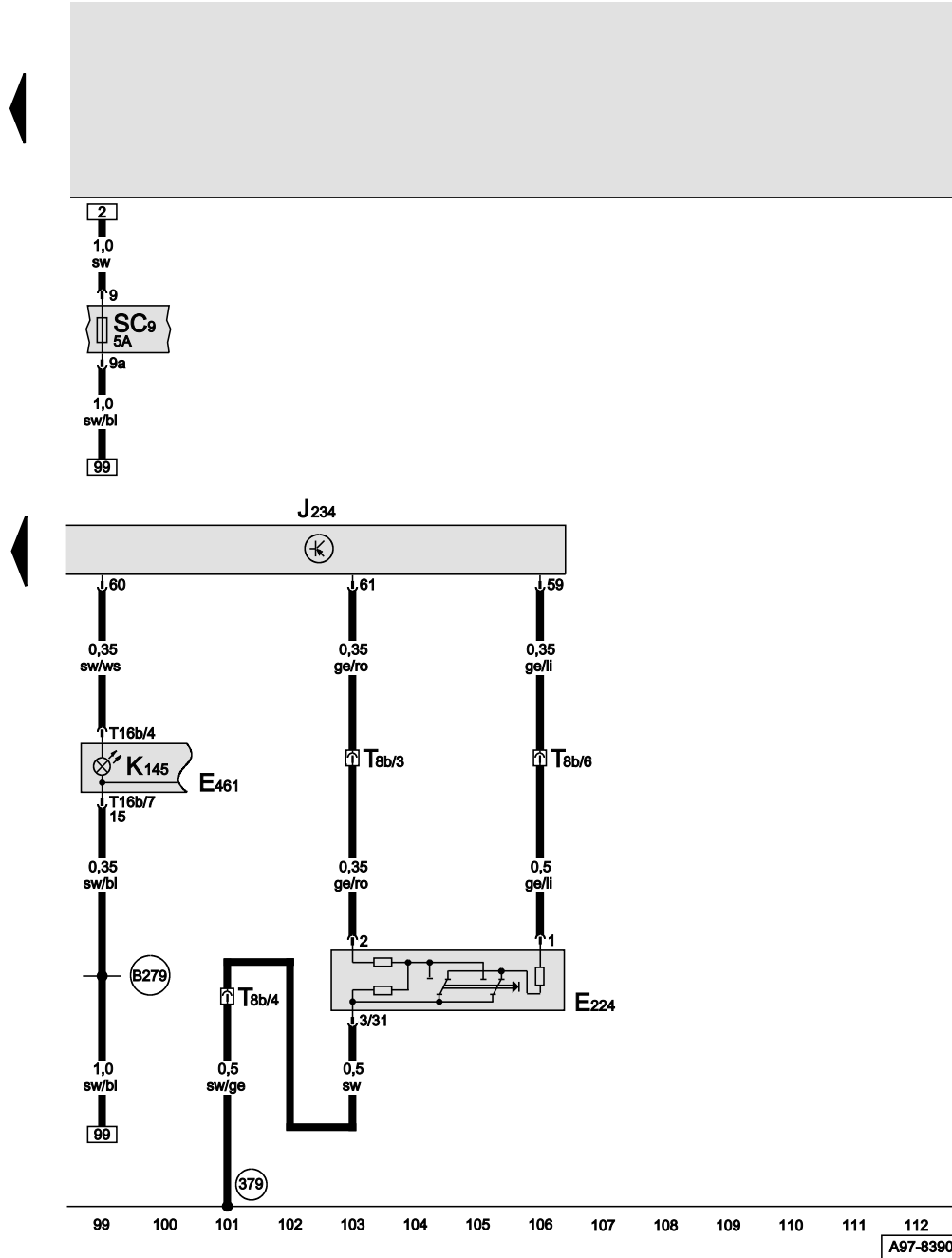
- E224 Key operated switch to deactivate front passenger side airbag
- E461 Operating unit in front of centre console
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- SC9 Fuse 9 on fuse holder
- T8b 8-pin connector, black, behind right dash panel
- T16b 16-pin connector, black, on operating unit in front of centre console

(379) Earth connection 14, in main wiring harness

(B279) Positive connection 3 (15a), in main wiring harness



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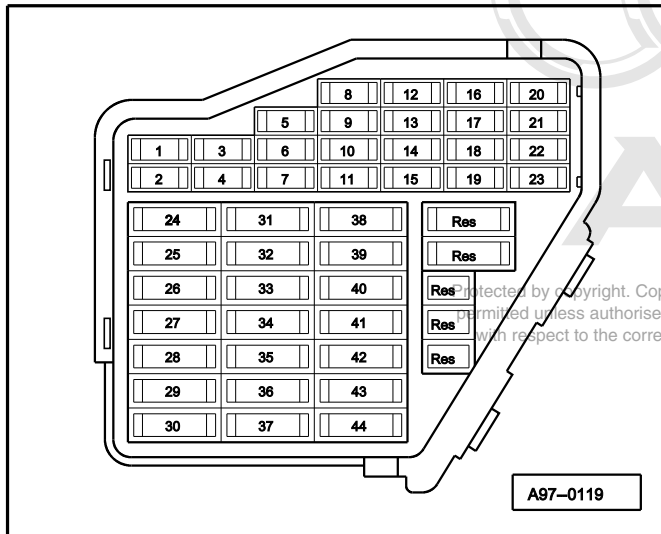


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**Anti-lock brake system 5.7 (ABS) with traction control system (TCS) and electronic stabilisation program (ESP)**

from model year 2005

**Fuse holder, left dash panel**



**Fuse colours**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

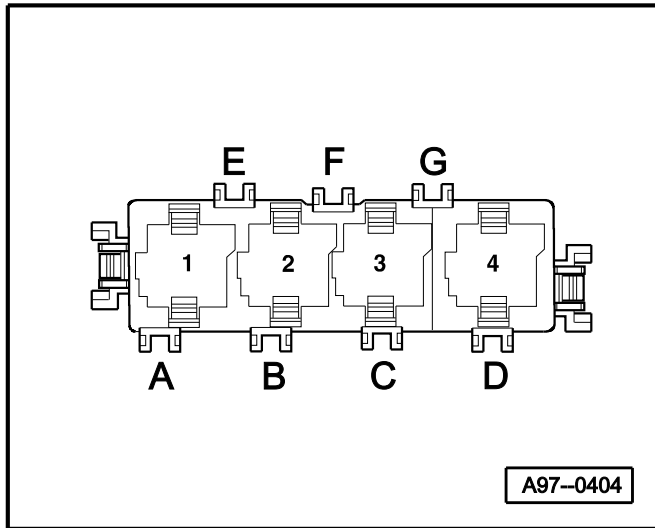
SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

Relay carrier electronics box in plenum chamber

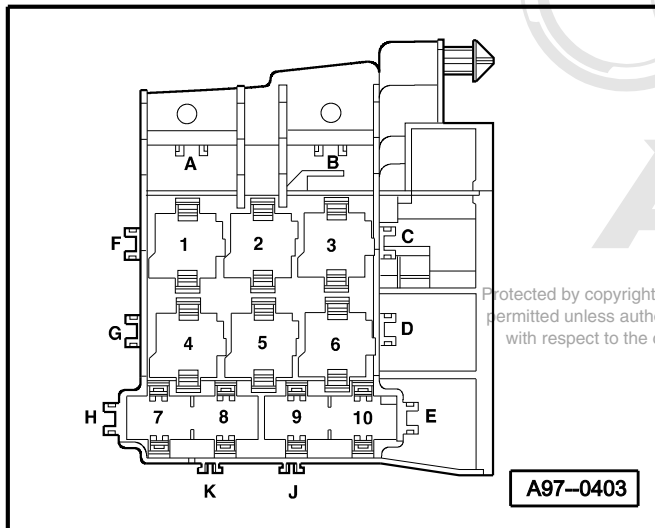


Relay positions

2 - Terminal 30 voltage supply relay - J317 (317), diesel engines

2 - Motronic current supply relay (J271), petrol engines

Relay and fuse carrier behind left dash panel



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Relay positions

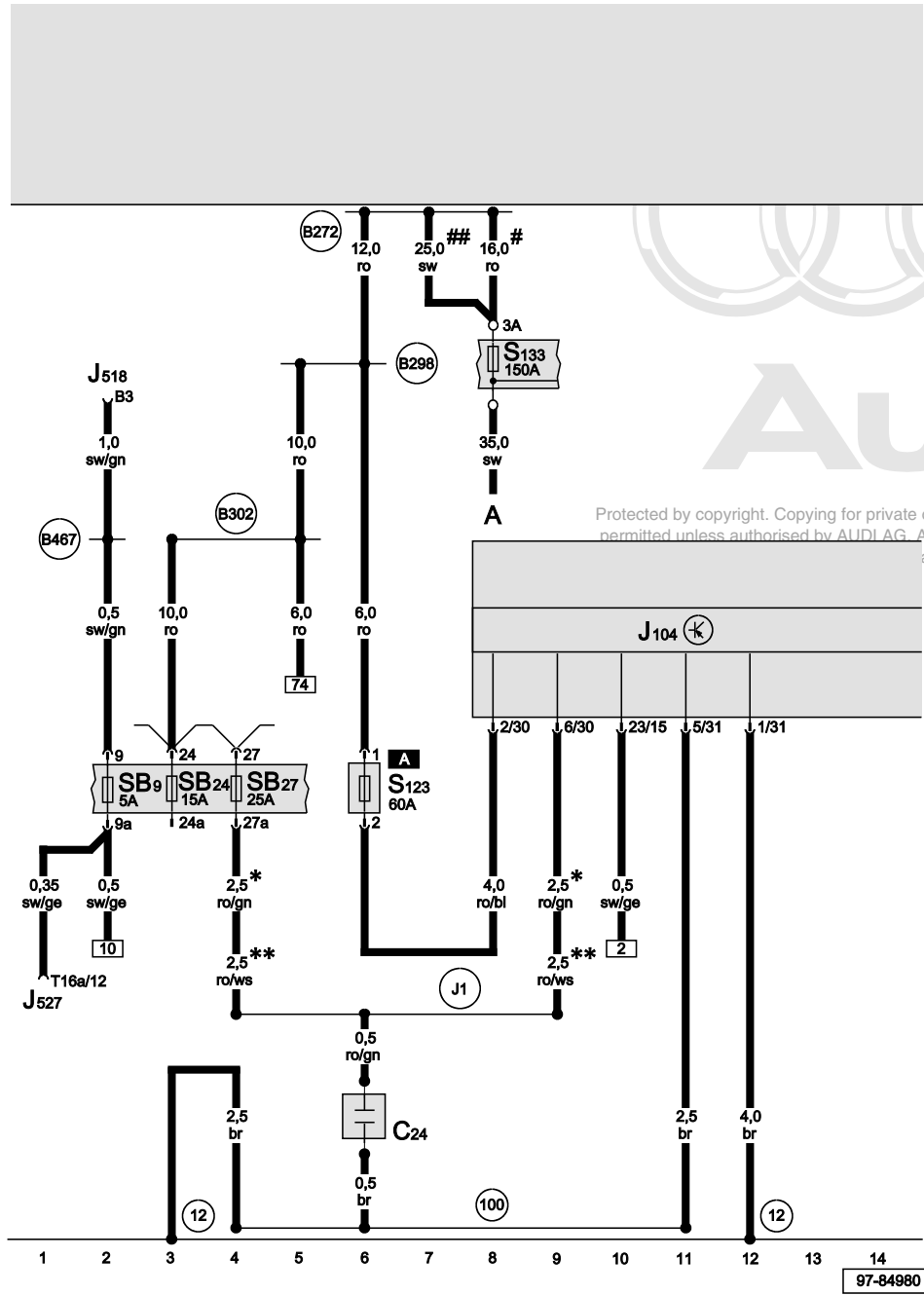
3 - Terminal 15 voltage supply relay (J329)

A - ABS control unit fuse 1 (S123)



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ABS control unit, ABS control unit fuse 1



- A Battery
- C24 Suppression filter
- J104 ABS control unit
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- S123 ABS control unit fuse 1
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB9 Fuse 9 on fuse holder
- SB24 Fuse 24 on fuse holder
- SB27 Fuse 27 on fuse holder
- T16a 16-pin connector, on steering column electronics control unit

- 12 Earth point, on left in engine compartment
- 100 Earth connection 1, in ABS wiring harness
- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B467 Connection 3, in main wiring harness
- J1 Positive connection (30), in ABS wiring harness

- \* models with front-wheel drive
- \*\* models with four-wheel drive
- # models with petrol engines
- ## models with diesel engines

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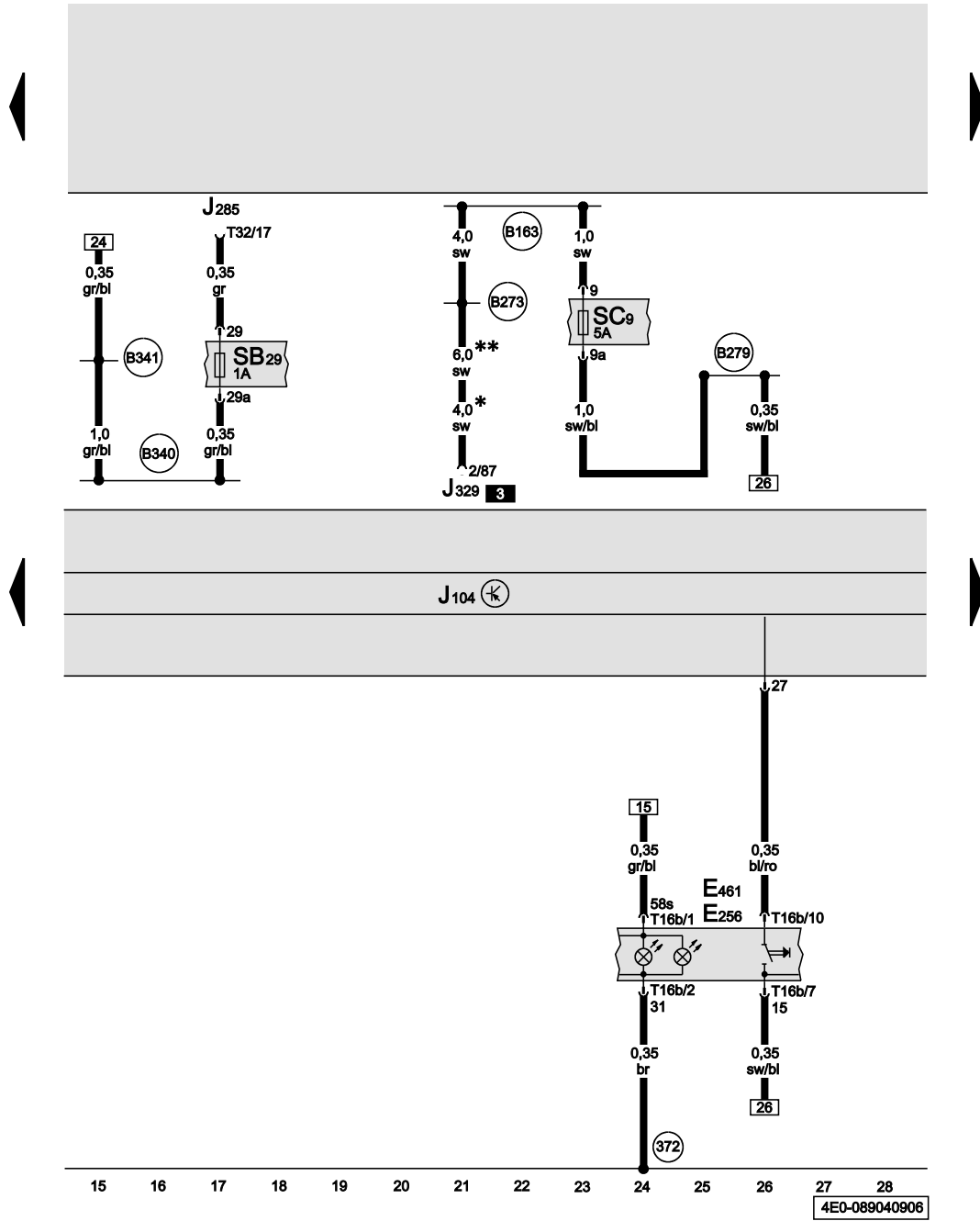
ABS control unit, TCS and ESP button, operating unit in front of centre console

- E256 TCS and ESP button
- E461 Operating unit in front of centre console
- J104 ABS control unit
- J285 Control unit in dash panel insert
- J329 Terminal 15 voltage supply relay
- SB29 Fuse 29 on fuse holder B
- SC9 Fuse 9 on fuse holder C
- T16b 16-pin connector, black, on operating unit in front of centre console
- T32 32-pin connector, blue, on dash panel insert

- 372 Earth connection 7, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B279 Positive connection 3 (15a), in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness

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- \* up to April 2006
- \*\* from May 2006

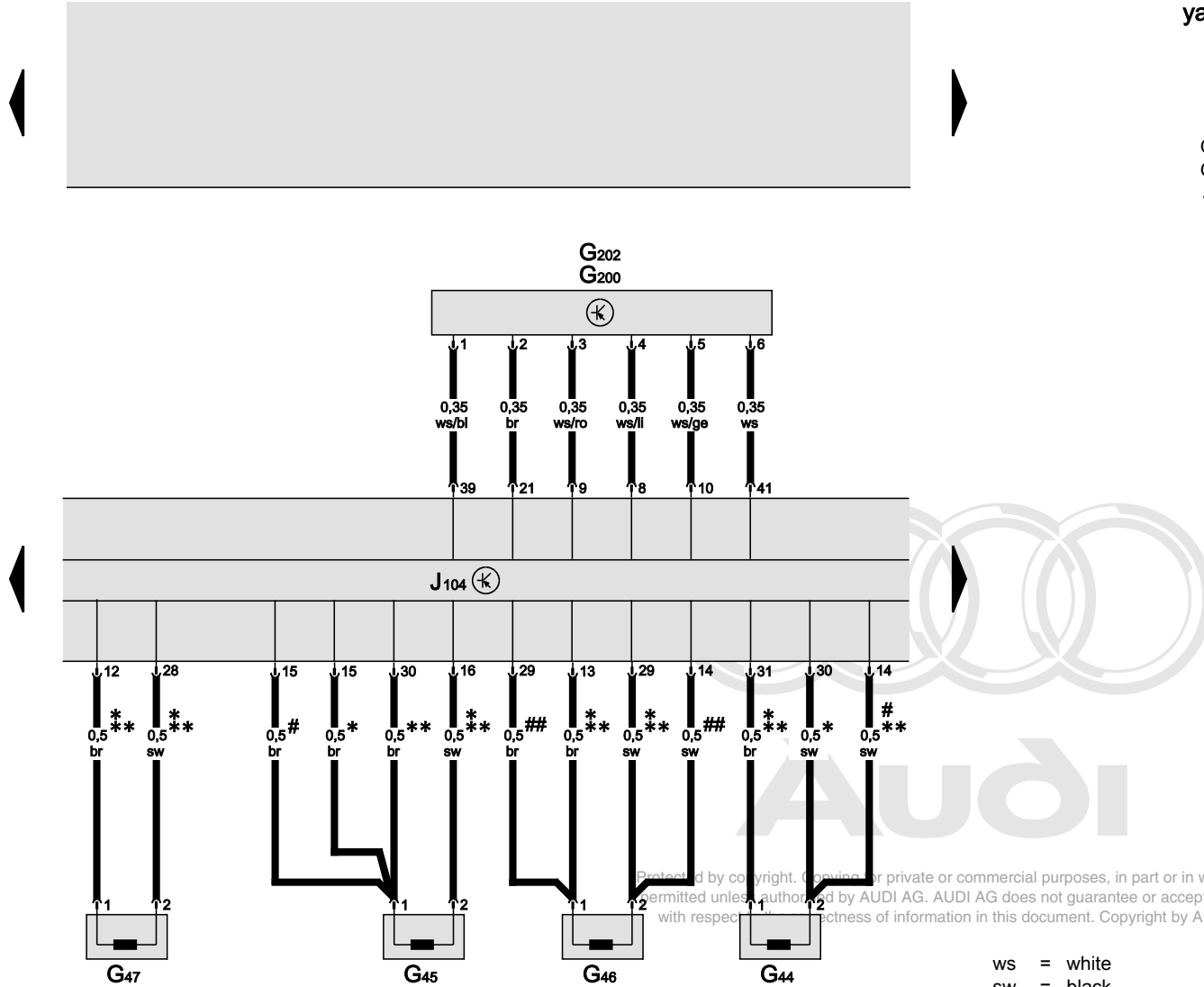


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ABS control unit, speed sensor, lateral acceleration sender, yaw rate sender

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- G200 Lateral acceleration sender
- G202 Yaw rate sender
- J104 ABS control unit
- \* models with front-wheel drive, outer 6.0 l engine BHT
- \*\* models with four-wheel drive, outer 6.0 l engine BHT
- # models with 5.2 l engine BSM
- ## models with 4.2 l engine BVJ



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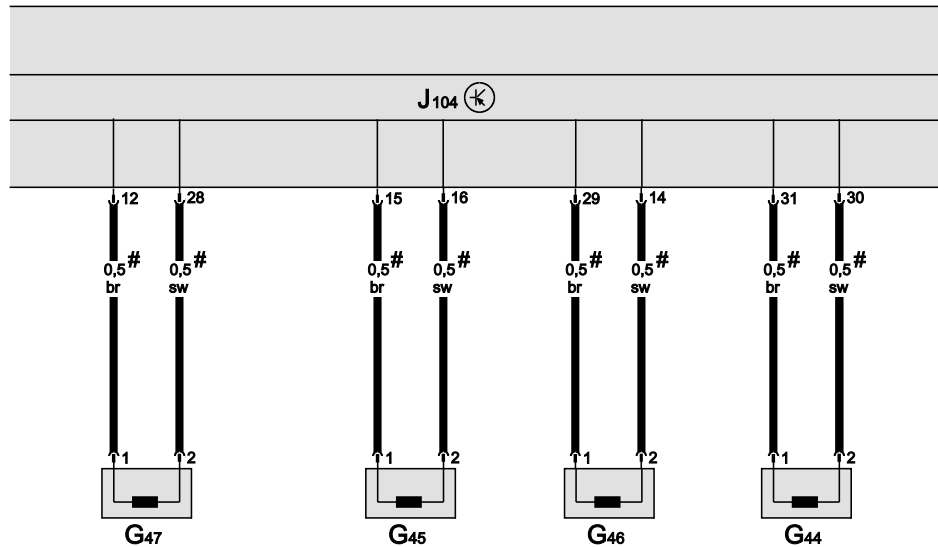


ABS control unit, speed sensor for 6.0 l engine BHT

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- # 6.0 l Motor, engine code BHT



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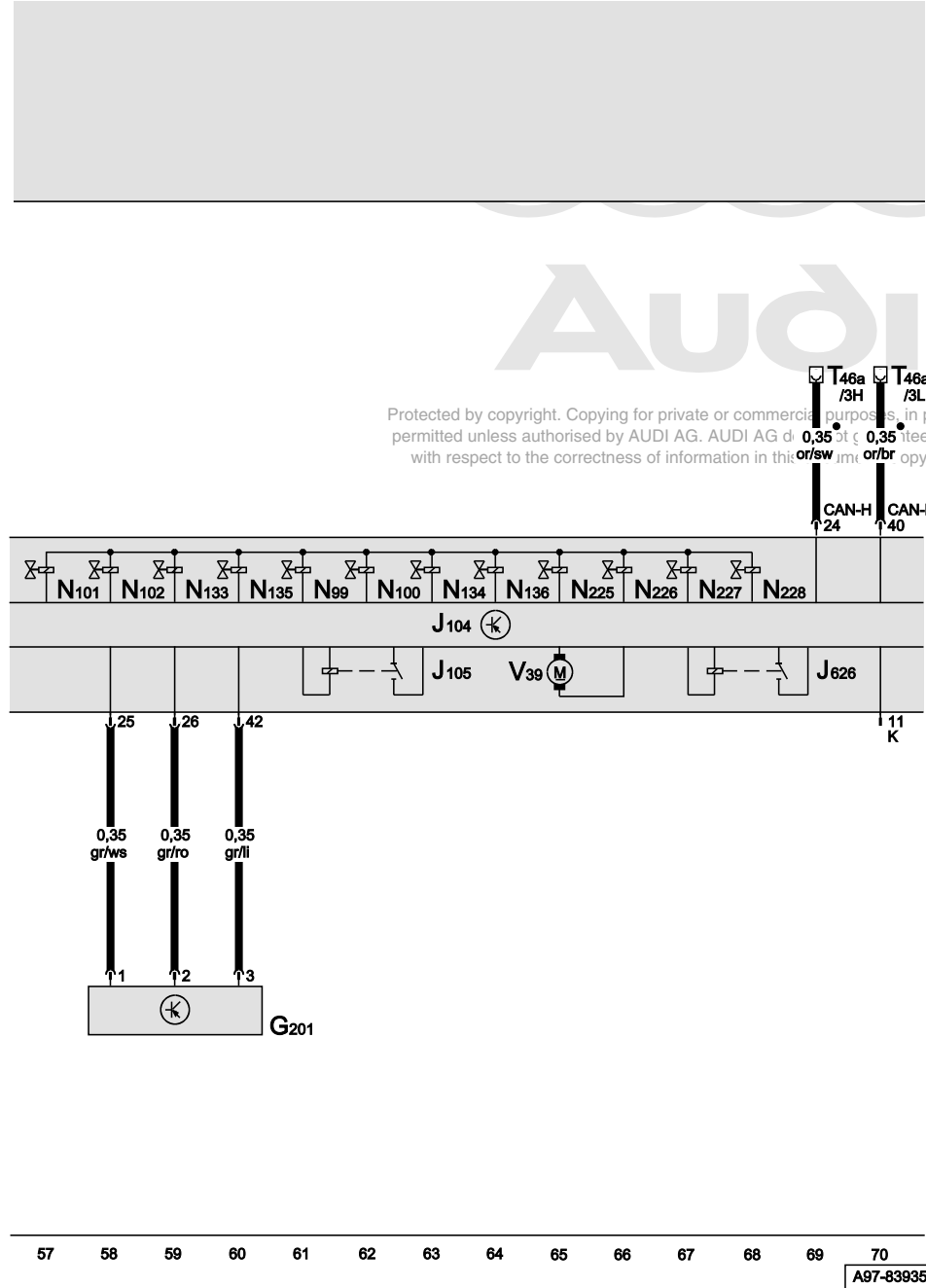


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ABS control unit, ABS return flow pump, inlet and outlet valve, brake pressure sender 1

- G201 Brake pressure sender 1
- J104 ABS control unit
- J105 ABS return flow pump relay
- J626 ABS return flow pump 2 relay
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- N227 Vehicle stabilization program high pressure valve 1
- N228 Vehicle stabilization program high pressure valve 2
- T46a 46-pin connector, black, CAN separating connector left
  - V39 ABS return flow pump
  - CAN bus (data wire)

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ABS control unit, brake light switch, output speedometer

- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J248 Diesel direct injection system control unit
- J271 Motronic current supply relay
- J317 Terminal 30 voltage supply relay
- J393 Convenience system central control unit
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- SB12 Fuse 12 on fuse holder
- SB22 Fuse 22 on fuse holder
- SB38 Fuse 38 on fuse holder
- T17c 17-pin connector, brown, in electronics box in plenum chamber
- T17g 17-pin connector, grey, relay carrier driver footwell
- T81 81-pin connector, black, on engine control unit
- T94b 94-pin connector, black, connector B, on diesel direct injection system control unit

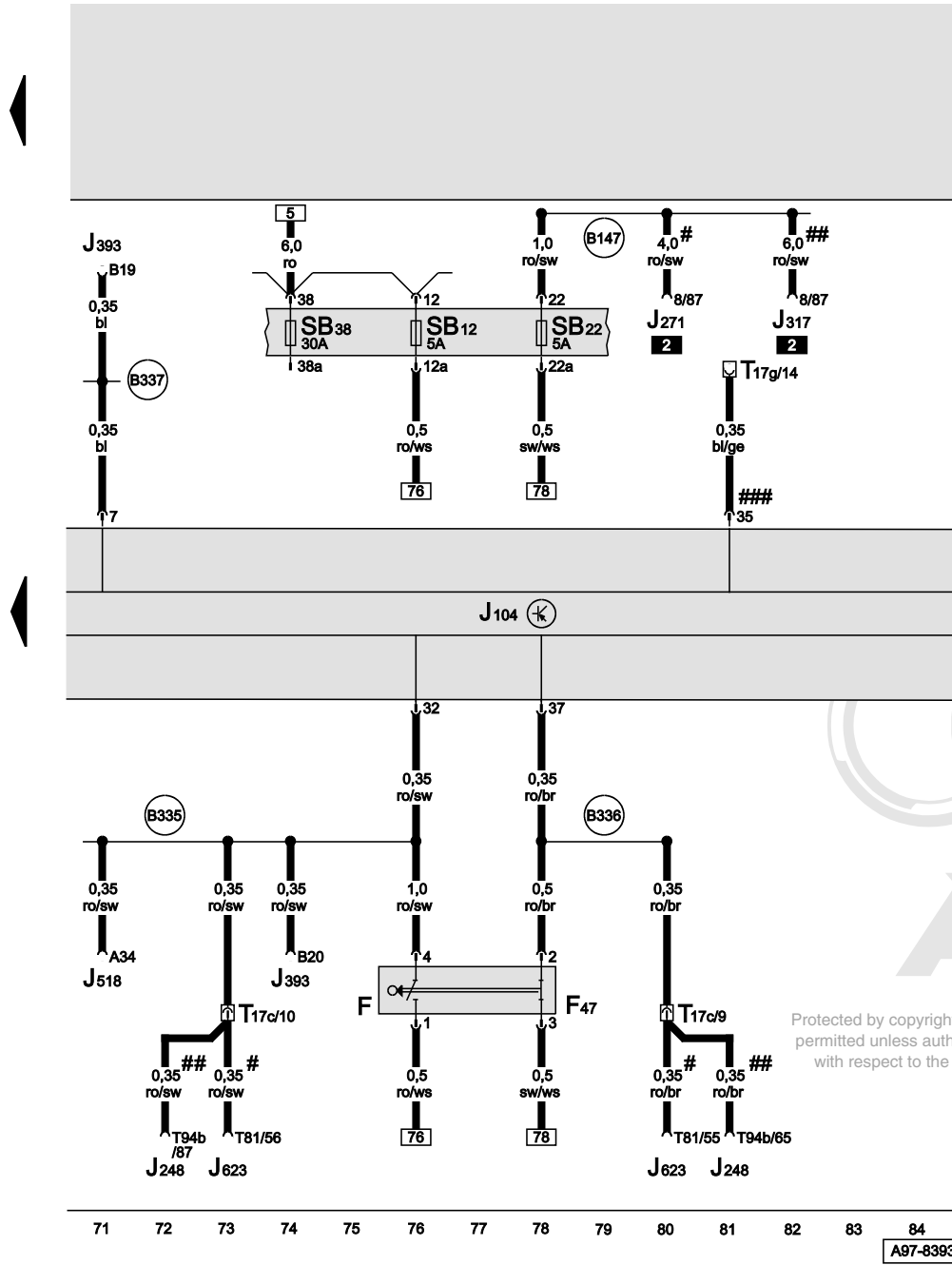
(B147) Positive connection 2 (87), in interior wiring harness

(B335) Connection 1 (54), in main wiring harness

(B336) Connection 2 (54), in main wiring harness

(B337) Connection 3 (54), in main wiring harness

- # models with petrol engines
- ## models with diesel engines
- ### output, speedometer



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## Multifunction steering wheel

from model year 2005

### Notes:

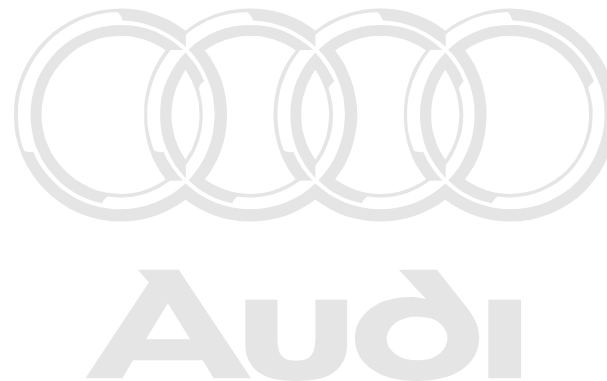
For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

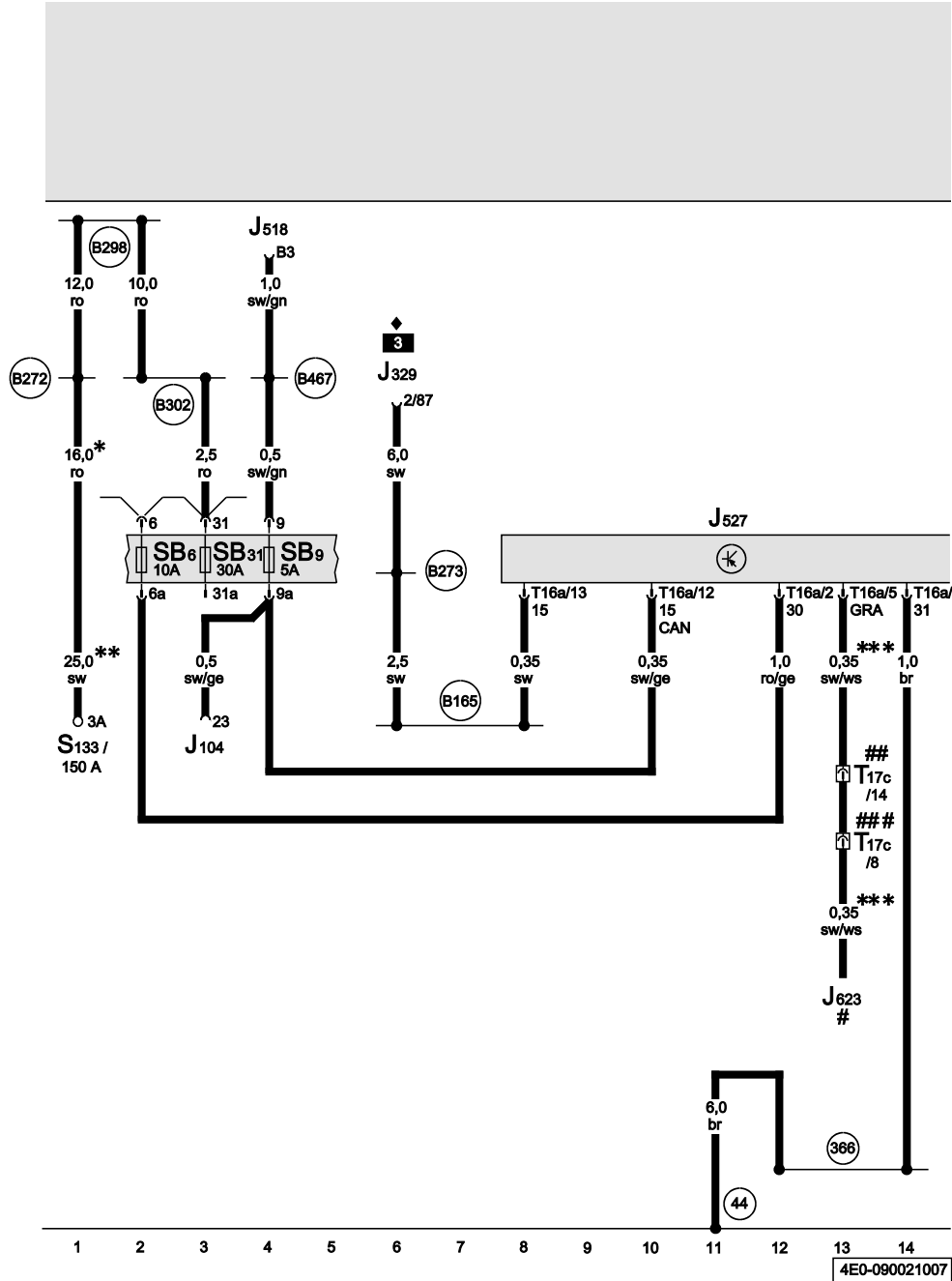
For information concerning

- ◆ Fault Finding Programs
- ⇒ guided fault finding



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Steering column electronics control unit voltage supply



- J104 ABS control unit
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- S133 Fuse 3
- SB6 Fuse 6 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T16a 16-pin connector, behind steering column switch trim
- T17c 17-pin connector, brown, in electronics box in plenum chamber

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B467 Connection 3 in main wiring harness

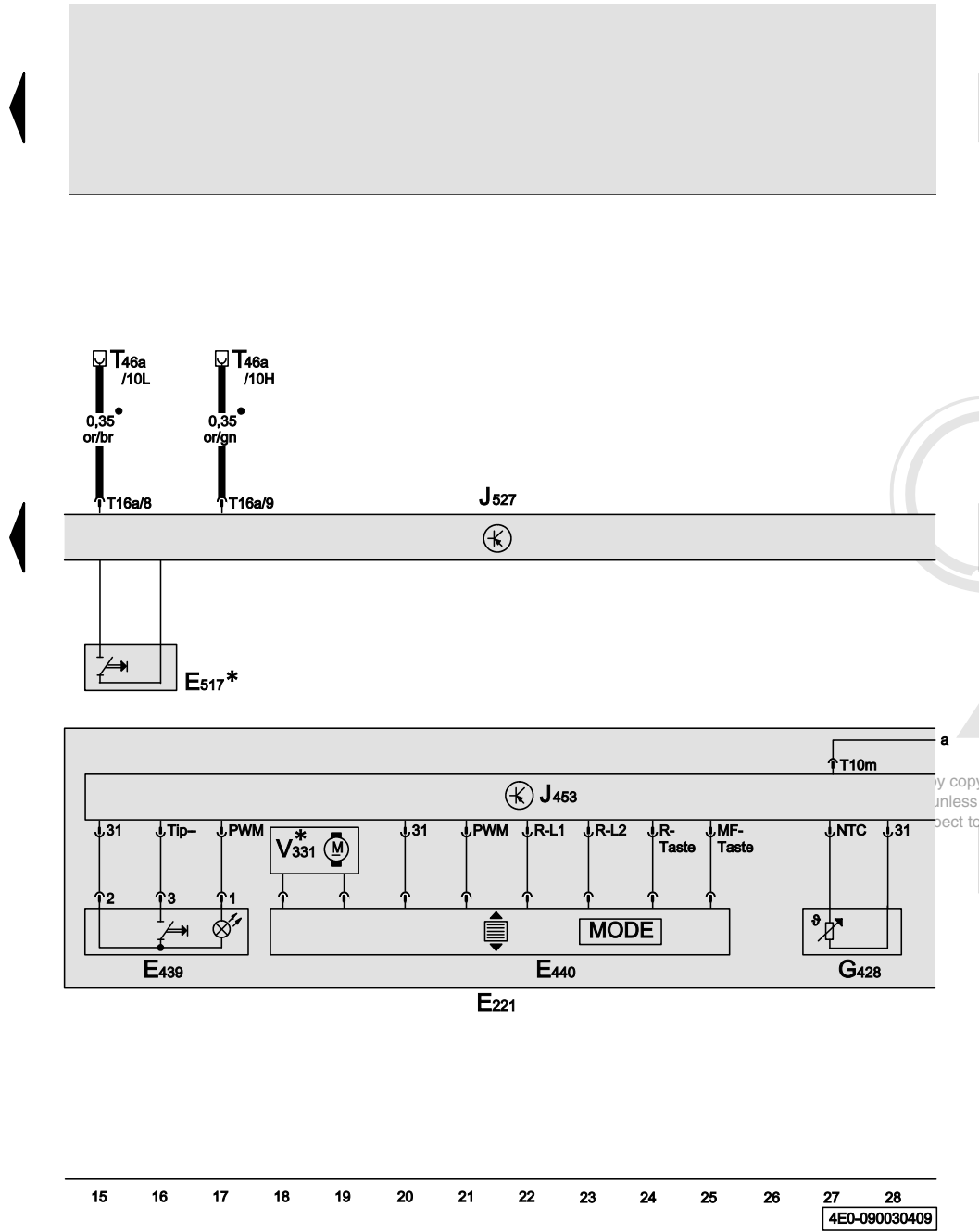
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- \* models with petrol engines
- \*\* models with diesel engines
- \*\*\* models with cruise control system
- # ⇒ Engine Current Flow Diagram up to August 2007
- ## from September 2007
- ###
- ◆ Relay and fuse carrier behind left dash panel

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Steering column electronics control unit, operating unit in steering wheel

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- E517 Lane departure warning button
- G428 Heated steering wheel sensor
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- T10m 10-pin connector, on left steering wheel
- T16a 16-pin connector, behind steering column switch trim
- T46a 46-pin connector, black, CAN disconnecter left
- V331 Steering wheel vibration motor
  - CAN bus (data wire)
  - \* models with lane departure warning



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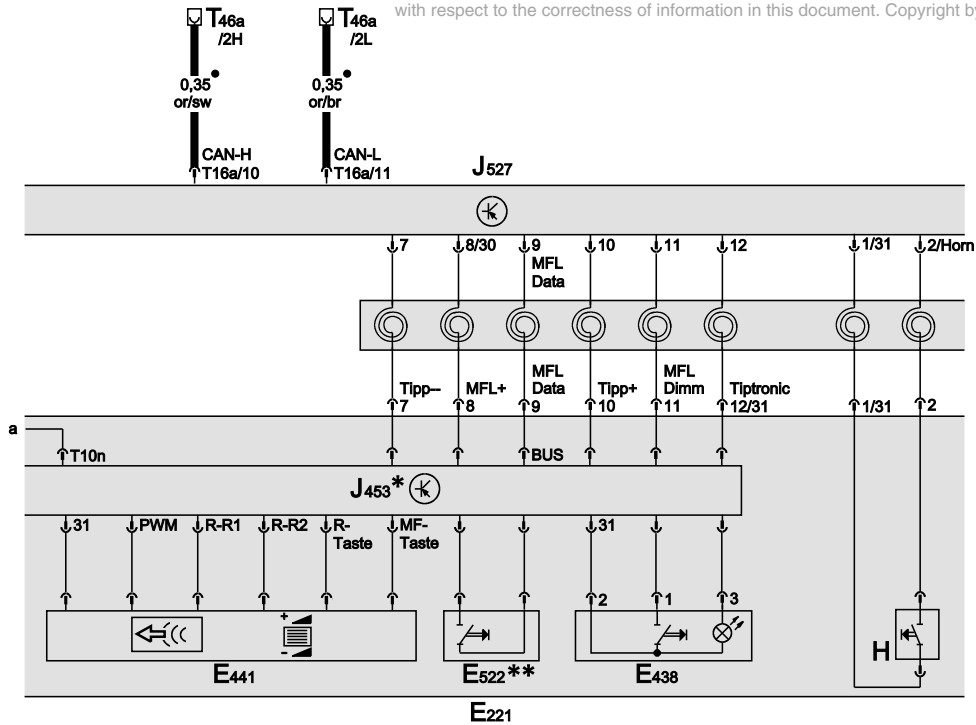


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Steering column electronics control unit, operating unit in steering wheel, horn plate

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E441 Multifunction buttons on right in steering wheel
- E522 Steering wheel heater button
- H Horn plate
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- T10n 10-pin connector, on right steering wheel
- T16a 16-pin connector, behind steering column switch trim
- T46a 46-pin connector, black, CAN disconnecter left
  - CAN bus (data wire)
  - \* J453-the control unit can only be renewed completely with E441
  - \*\* models with heated steering wheel

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Steering column electronics control unit, operating unit in steering wheel, driver side airbag igniter, heated steering wheel

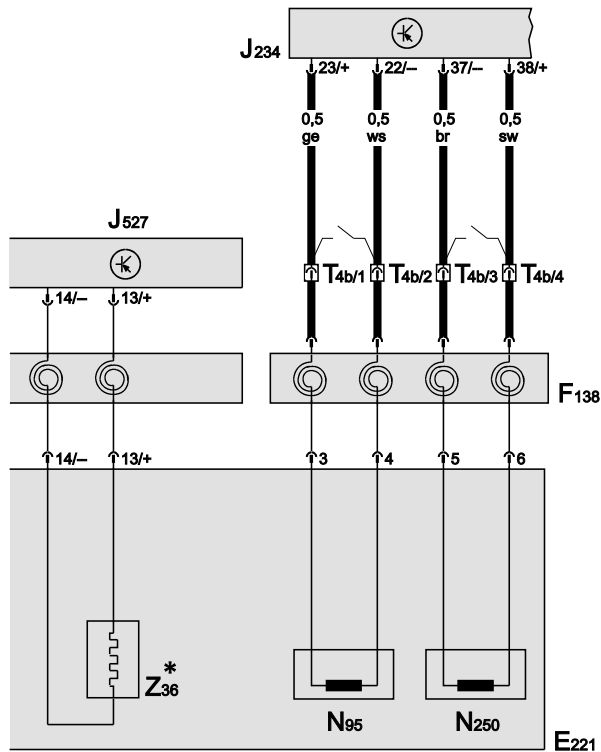
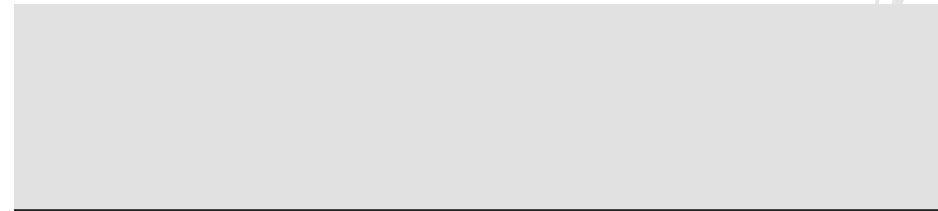
- E221 Operating unit in steering wheel
- F138 Airbag coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4b 4-pin connector, behind steering column switch trim (airbag)
- Z36 Heated steering wheel
- \* Operating convenience CAN bus by heated driver seat regulator

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external short circuit bridge becomes effective when connector is unplugged

graphic

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samba/  
tools/  
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png"  
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>



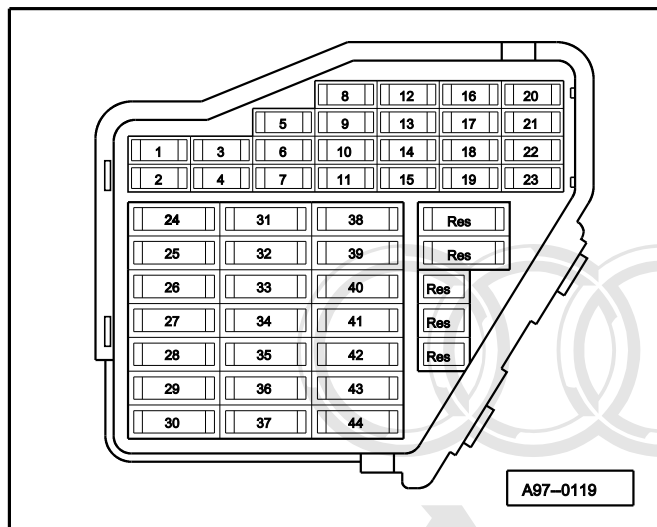
- ws = white
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- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



## Electric tyre pressure monitor

from model year 2005

### Fuse holder, left dash panel



### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

1 A - black

SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

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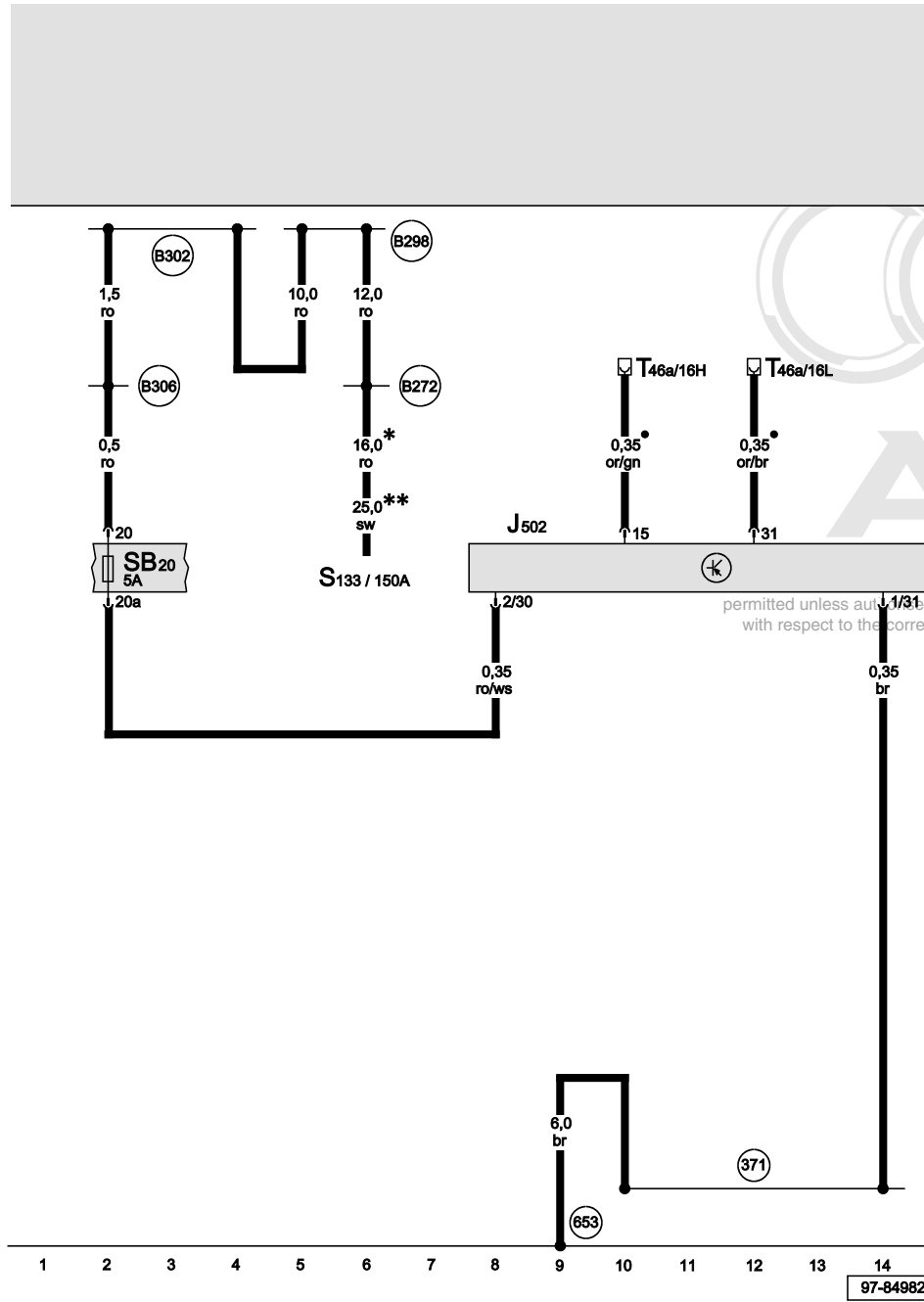
Tyre pressure monitor control unit, fuse

- J502 Tyre pressure monitor control unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB20 Fuse 20 on fuse holder
- T46a 46-pin connector, black, CAN separating connector left

- (371) Earth connection 6, in main wiring harness
- (653) Earth point, left D-pillar
- (B272) Positive connection (30), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- (B306) Positive connection 10 (30), in main wiring harness

- CAN bus (data wire)
- \* models with petrol engines
- \*\* models with diesel engines

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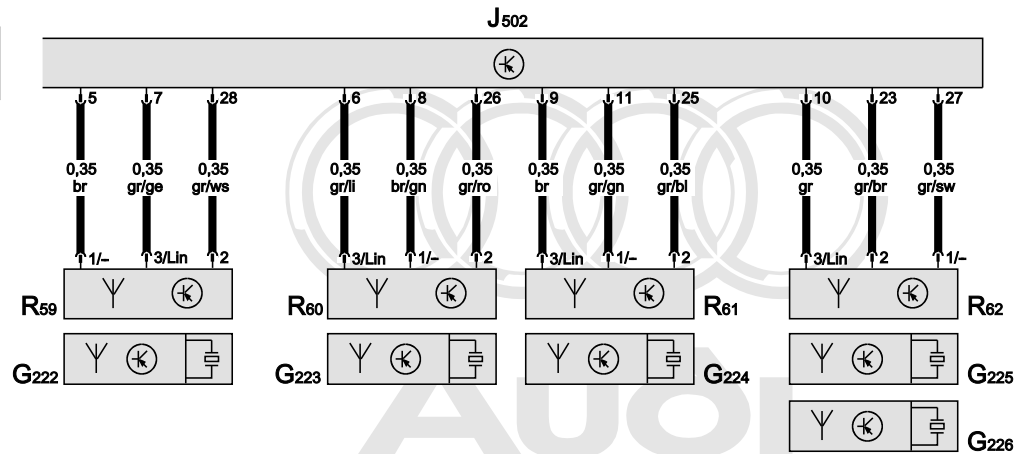
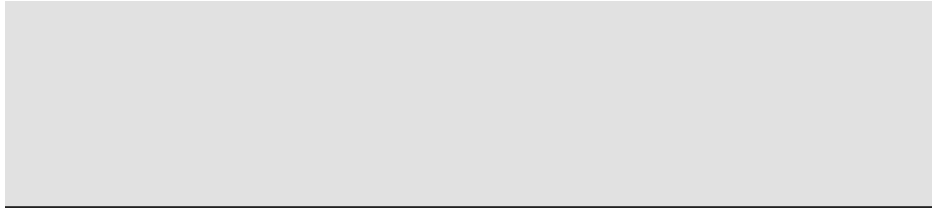


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97-84982

Tyre pressure monitor control unit, tyre pressure sensors, tyre pressure monitor aerials

- G222 Front left tyre pressure sensor
- G223 Front right tyre pressure sensor
- G224 Rear left tyre pressure sensor
- G225 Rear right tyre pressure sensor
- G226 Spare wheel tyre pressure sensor
- J502 Tyre pressure monitor control unit
- R59 Front left tyre pressure monitor aerial
- R60 Front right tyre pressure monitor aerial
- R61 Rear left tyre pressure monitor aerial
- R62 Rear right tyre pressure monitor aerial



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## Entry and start authorisation, entry and start authorisation with Kessy

from model year 2005

### Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

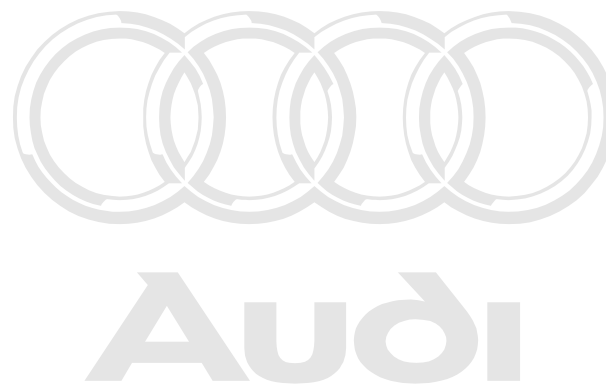
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

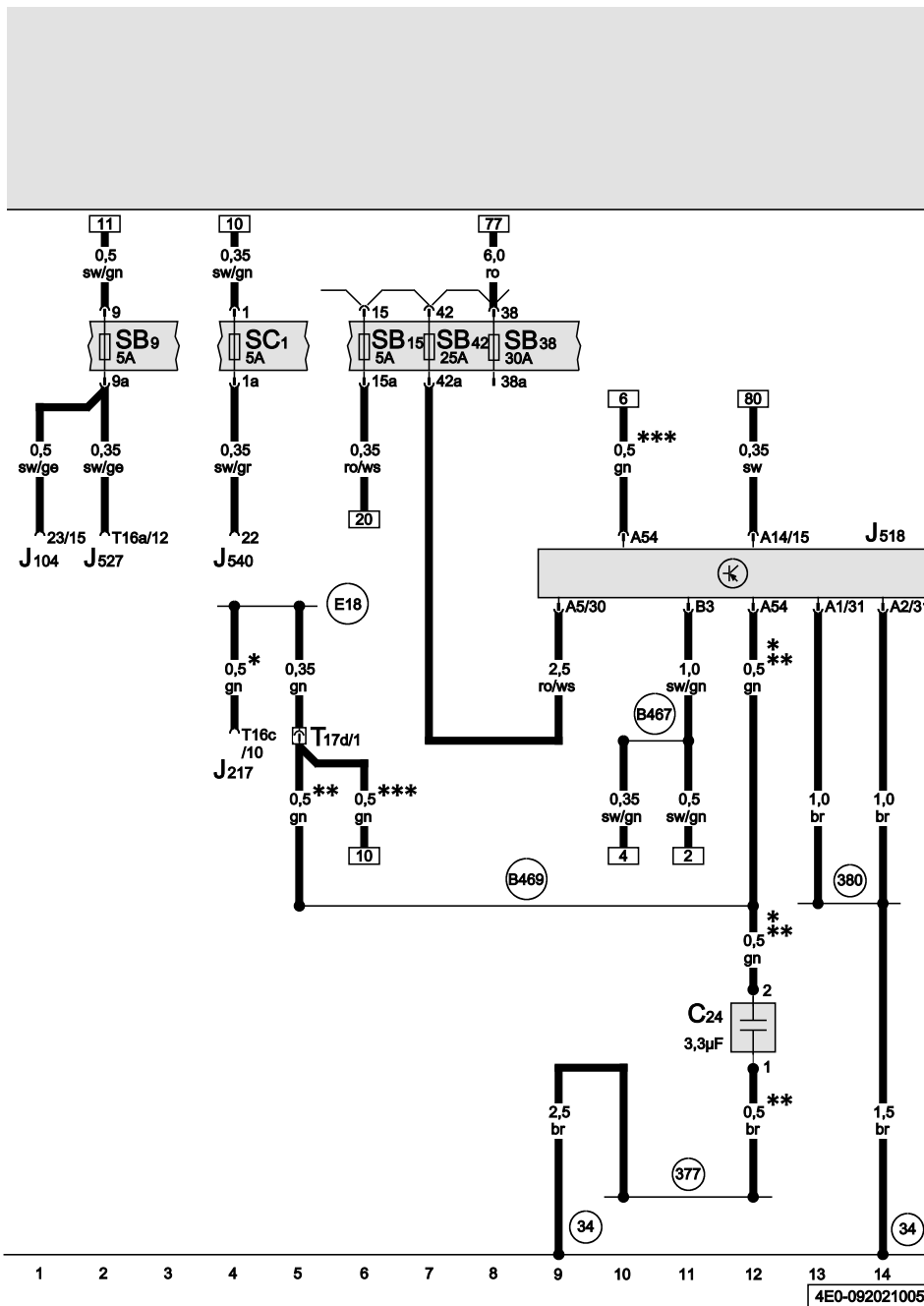
- ◆ Fault Finding Programs

⇒ guided fault finding



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Entry and start authorisation control unit



- C24 Suppression filter
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J540 Electric park and handbrake control unit
- SB9 Fuse 9 on fuse holder
- SB15 Fuse 15 on fuse holder
- SB38 Fuse 38 on fuse holder
- SB42 Fuse 42 on fuse holder
- SC1 Fuse 1 on fuse holder
- T16a 16-pin connector, behind steering column switch trim
- T16c 16-pin connector, black, on automatic gearbox control unit
- T17d 17-pin connector, blue, in electronics box in plenum chamber

- 34 Earth point, under driver seat
- 377 Earth connection 12, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- B467 Connection 3 in main wiring harness
- B469 Connection 5 in main wiring harness
- E18 Connection 3, in Motronic wiring harness

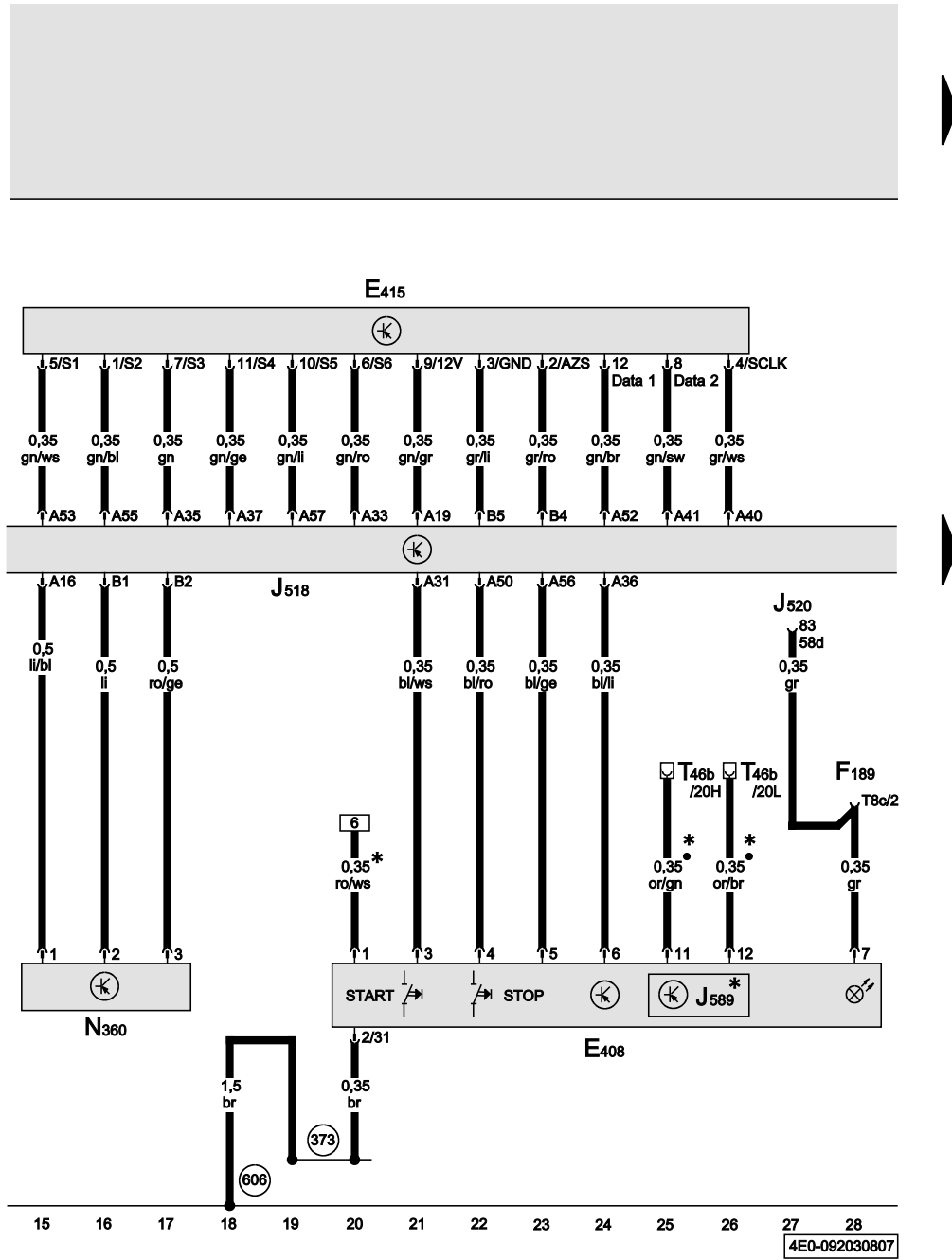
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 \* only automatic gearbox 09E, 09L  
 \*\* up to October 2005  
 \*\*\* from November 2005

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Entry and start authorisation control unit, entry and start authorisation switch, steering column lock control element, start/stop motor button, driver identification control unit

- E408 Start/stop motor button
- E415 Entry and start authorisation switch
- F189 Tiptronic switch
- J518 Entry and start authorisation control unit
- J520 Onboard supply control unit 2
- J589 Driver identification control unit
- N360 Steering column lock control element
- T8c 8-pin connector, black, in centre console on selector lever console
- T32 32-pin connector, blue, on dash panel insert
- T46b 46-pin connector, black, CAN disconnecter right
- 373 Earth connection 8, in main wiring harness
- 606 Earth point, under the centre console near gear stick

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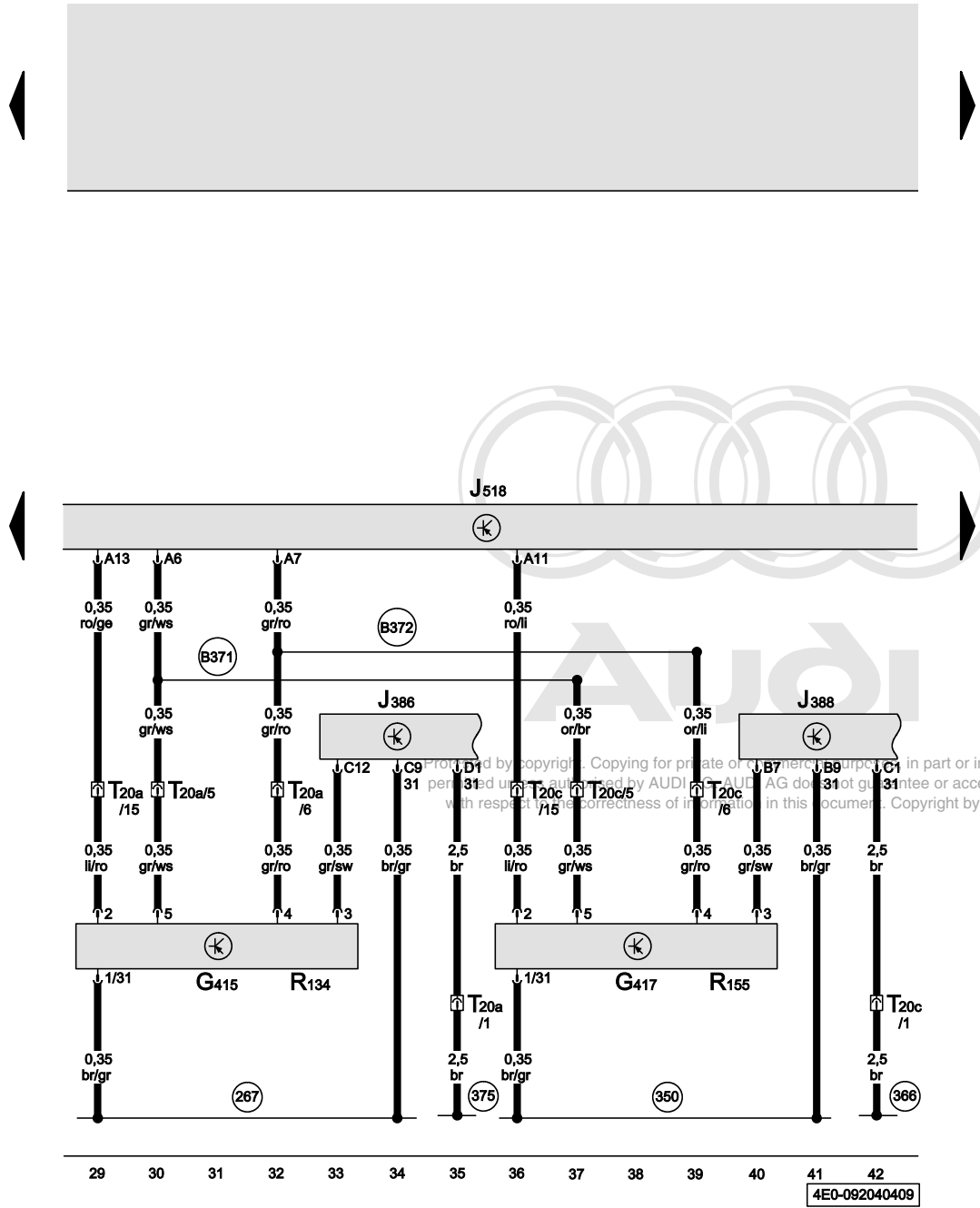


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Entry and start authorisation control unit, exterior handle touch sensor, right aerial for entry and start authorisation, door control unit

- G415 Driver door exterior handle touch sensor
- G417 Rear left door exterior handle touch sensor
- J386 Driver door control unit
- J388 Rear left door control unit
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start authorisation
- R155 Driver side rear entry and start authorisation aerial
- T20a 20-pin connector, black, left A-pillar
- T20c 20-pin connector, black, left B-pillar

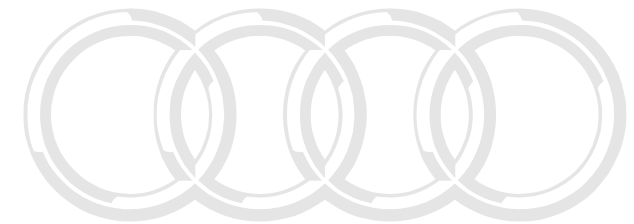
- (267) Earth connection 2, in driver door wiring harness
- (350) Earth connection 2, in rear left door wiring harness
- (366) Earth connection 1, in main wiring harness
- (375) Earth connection 10, in main wiring harness
- (B371) Connection 1 (aerial), in main wiring harness
- (B372) Connection 2 (aerial), in main wiring harness



Entry and start authorisation control unit, front passenger door exterior handle touch sensor, front passenger side aerial, door control unit

- G416 Front passenger door exterior handle touch sensor
- G418 Rear right door exterior handle touch sensor
- J387 Front passenger door control unit
- J389 Rear right door control unit
- J518 Entry and start authorisation control unit
- R135 Front passenger side aerial for entry and start authorisation
- R156 Front passenger side rear entry and start authorisation aerial
- T20b 20-pin connector, black, right A-pillar
- T20d 20-pin connector, black, right B-pillar

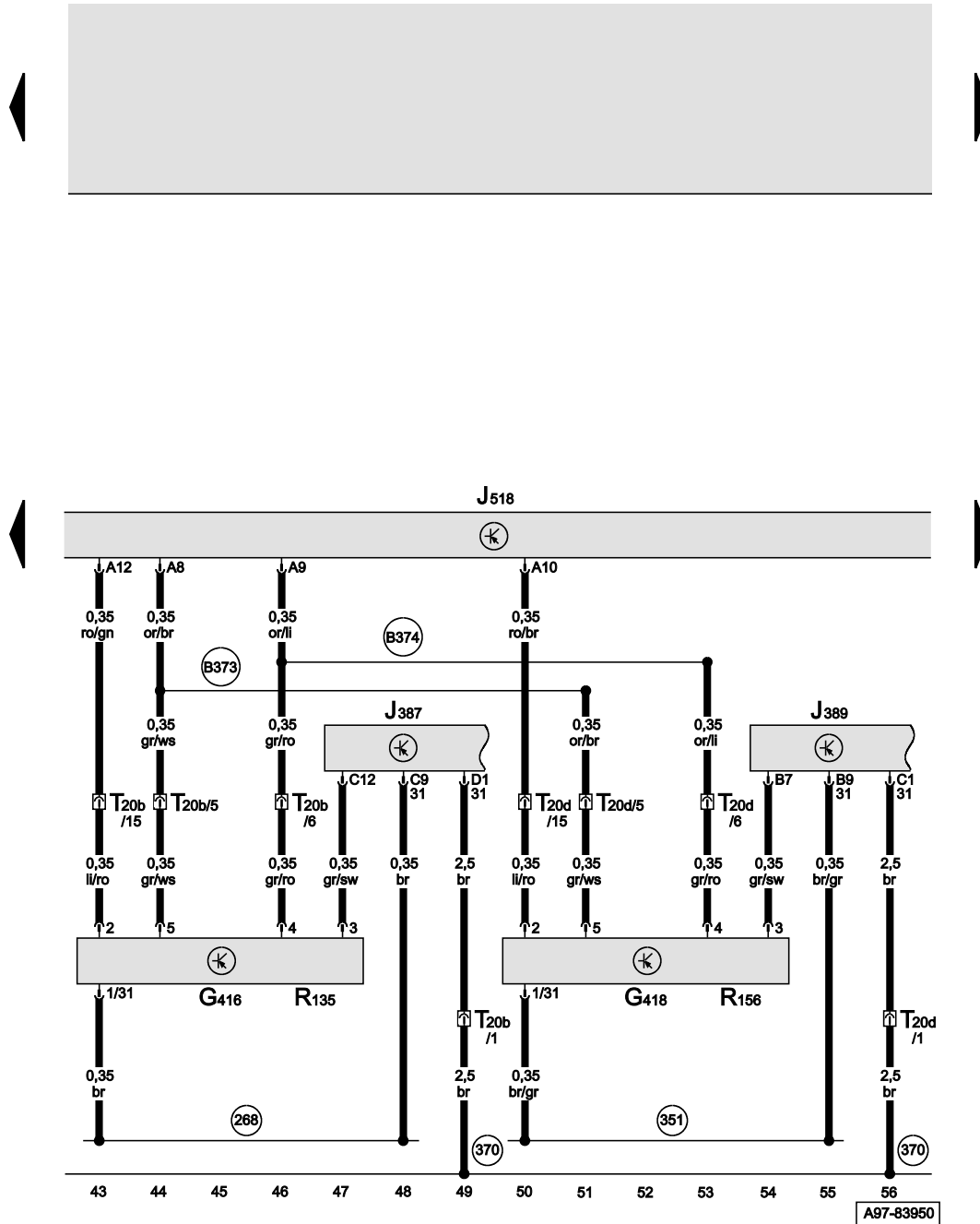
- (268) Earth connection 2, in front passenger side door wiring harness
- (351) Earth connection 2, in rear right door wiring harness
- (370) Earth connection 5, in main wiring harness
- (B373) Connection 3 (aerial), in main wiring harness
- (B374) Connection 4 (aerial), in main wiring harness



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Entry and start authorisation control unit, aerials

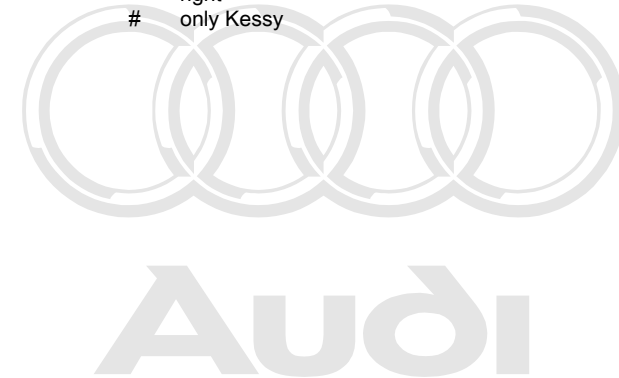
- J518 Entry and start authorisation control unit
- R24 Aerial amplifier
- R136 Rear bumper aerial for entry and start authorisation
- R137 Luggage compartment aerial for entry and start authorisation
- R138 Interior aerial 1 for entry and start authorisation
- R139 Interior aerial 2 for entry and start authorisation
- R154 Interior aerial 3 for entry and start authorisation
- T170 17-pin connector, black, in luggage compartment
- T46a 46-pin connector, black, CAN disconnecter left

(657) Earth point 1, on left near rear window

(B375) Connection 5 (aerial), in main wiring harness

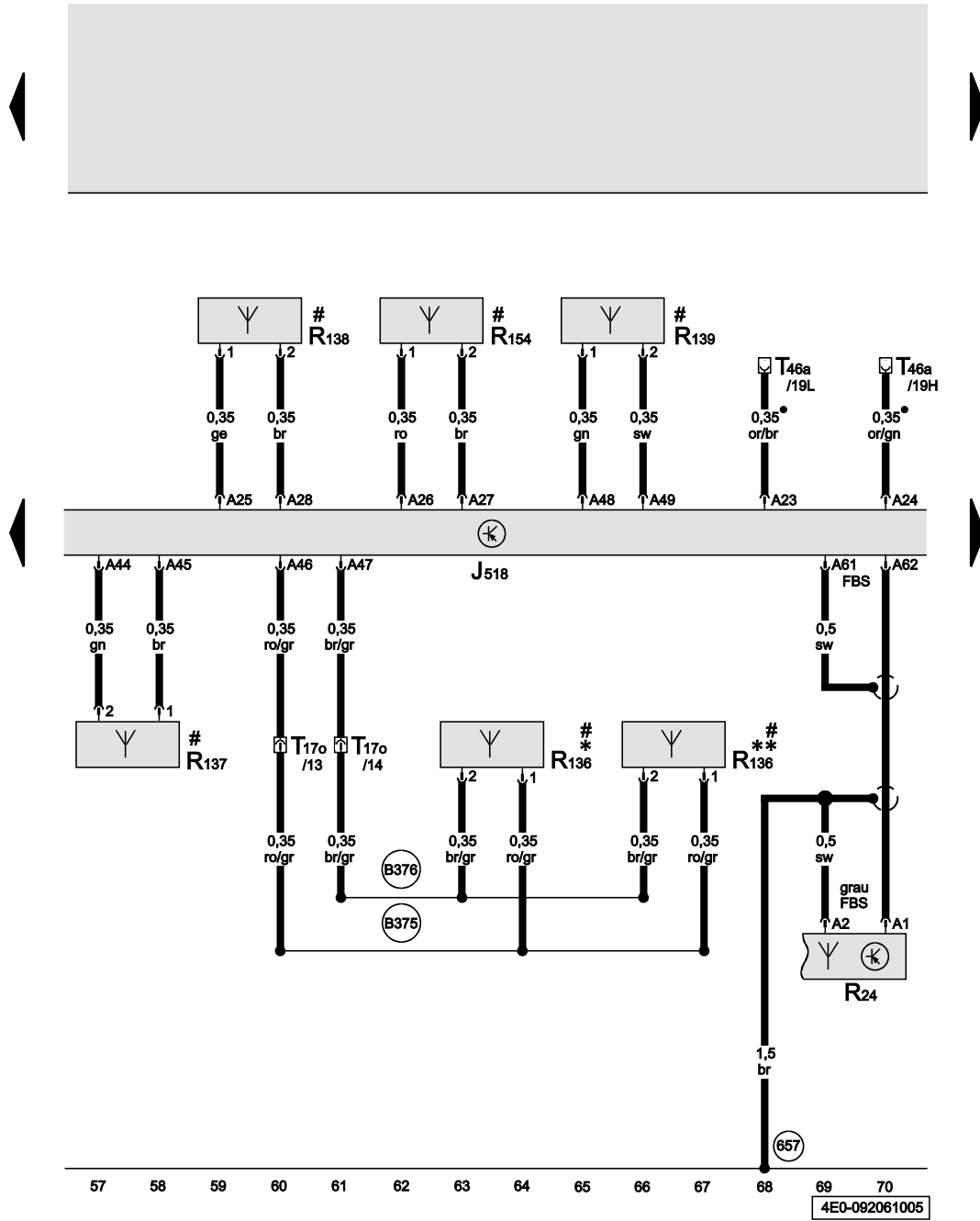
(B376) Connection 6 (aerial), in main wiring harness

- CAN bus (data wire)
- \* left
- \*\* right
- # only Kessy



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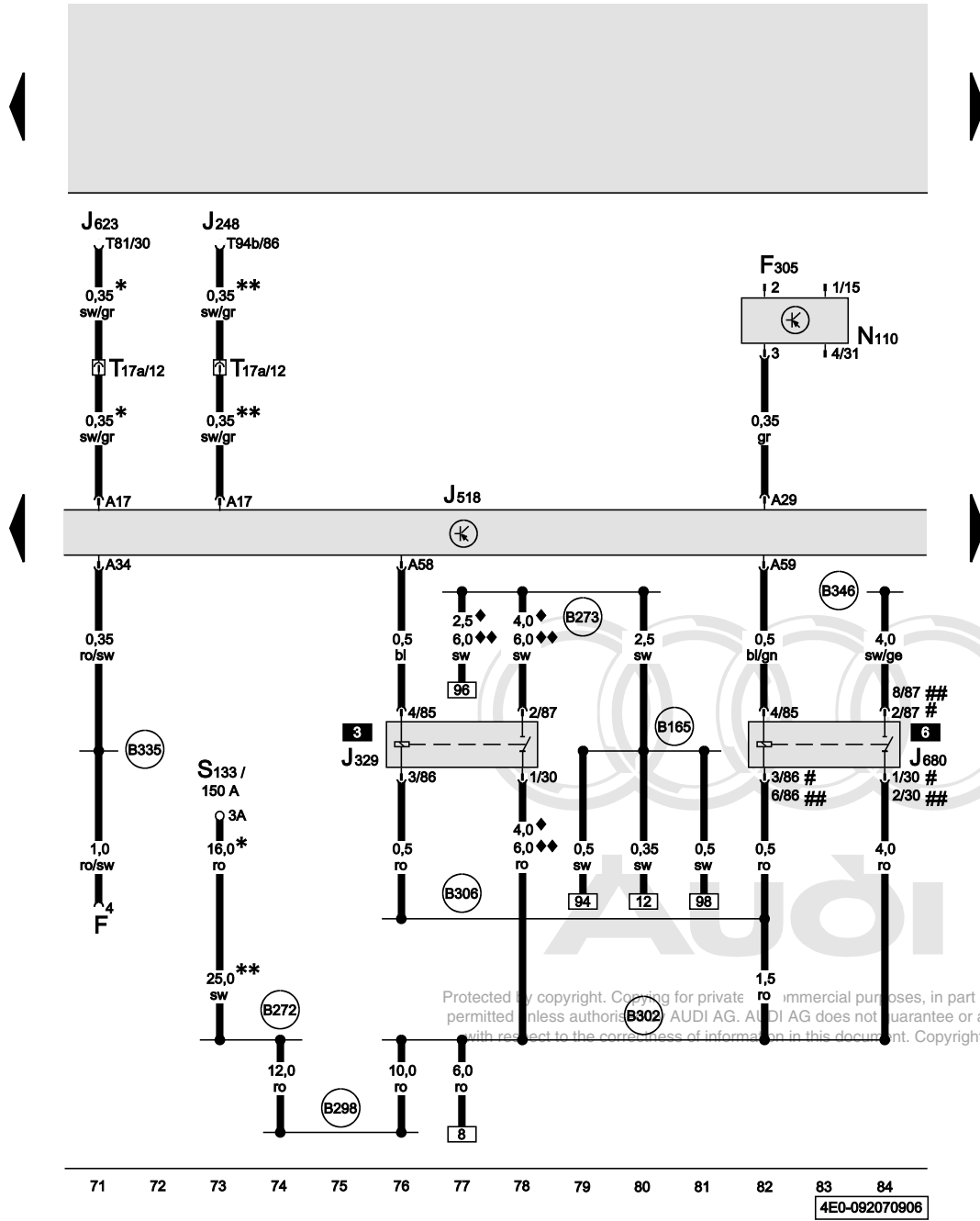
Entry and start authorisation control unit

- F Brake light switch
- F305 Gear selector position P switch
- J248 Diesel direct injection system control unit
- J329 Terminal 15 voltage supply relay
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- J680 Terminal 75 voltage supply relay 1
- N110 Selector lever lock solenoid
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T81 81-pin connector, black, on engine control unit
- T94b 94-pin connector, black, on diesel direct injection system control unit

- (B165) Positive connection 2 (15), in interior wiring harness
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- (B306) Positive connection 10 (30), in main wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness

- \* models with petrol engines
- \*\* models with diesel engines
- # up to October 2006
- ## from November 2006
- ◆ up to April 2006
- ◆◆ from May 2006

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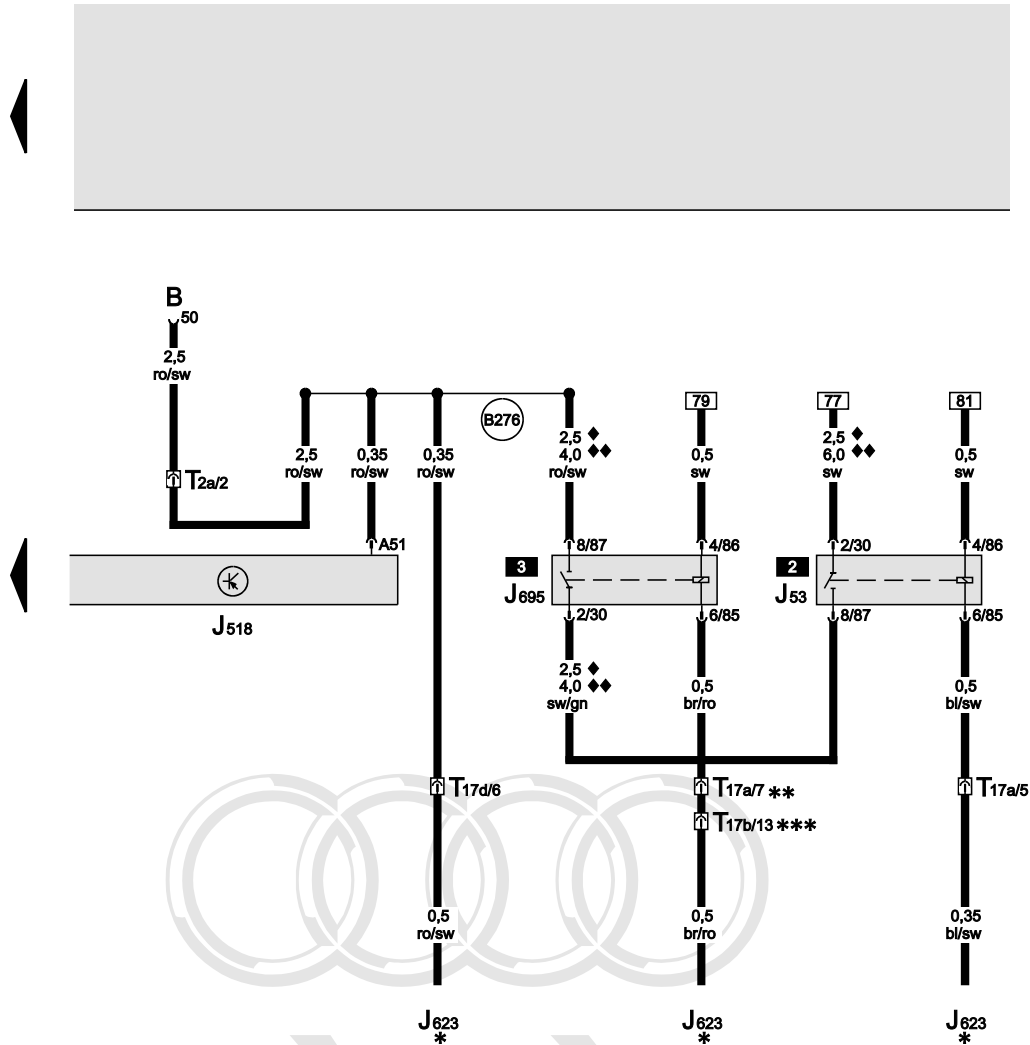


Entry and start authorisation control unit, starter motor relay, starter motor relay 2

- B Starter
- J53 Starter motor relay
- J518 Entry and start authorisation control unit
- J623 Engine control unit
- J695 Starter motor relay 2
- T2a 2-pin connector, black, in front right engine compartment
- T17a 17-pin connector, black, in electronics box in plenum chamber
- T17b 17-pin connector, green, in electronics box in plenum chamber
- T17d 17-pin connector, blue, in electronics box in plenum chamber

B276 Positive connection (50), in main wiring harness

- \* ⇒ Engine Current Flow Diagram
- \*\* up to August 2007
- \*\*\* from September 2007
- ◆ up to April 2006
- ◆◆ from May 2006



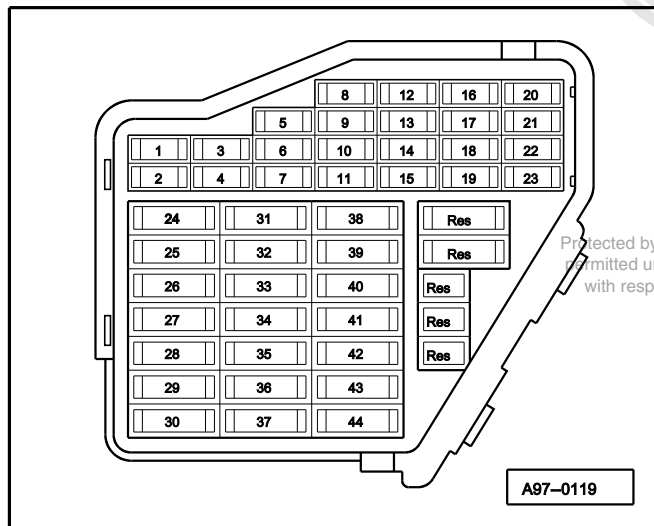
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## Trailer towing attachment

from model year 2005

### Fuse holder, left dash panel



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### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

1 A - black

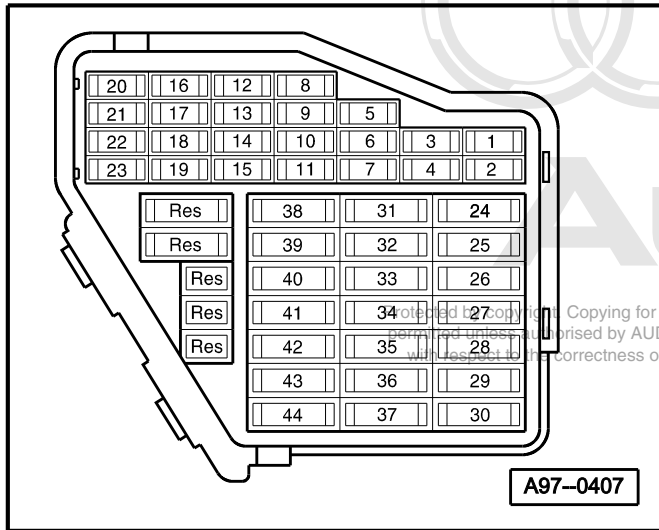
SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

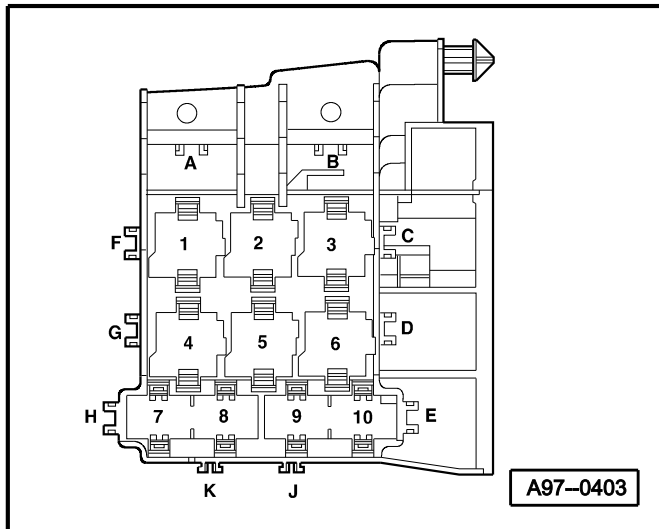
SF - Fuses in fuse holder right in luggage compartment

Fuse holder right dash panel



A97-0407

Relay and fuse carrier behind left dash panel



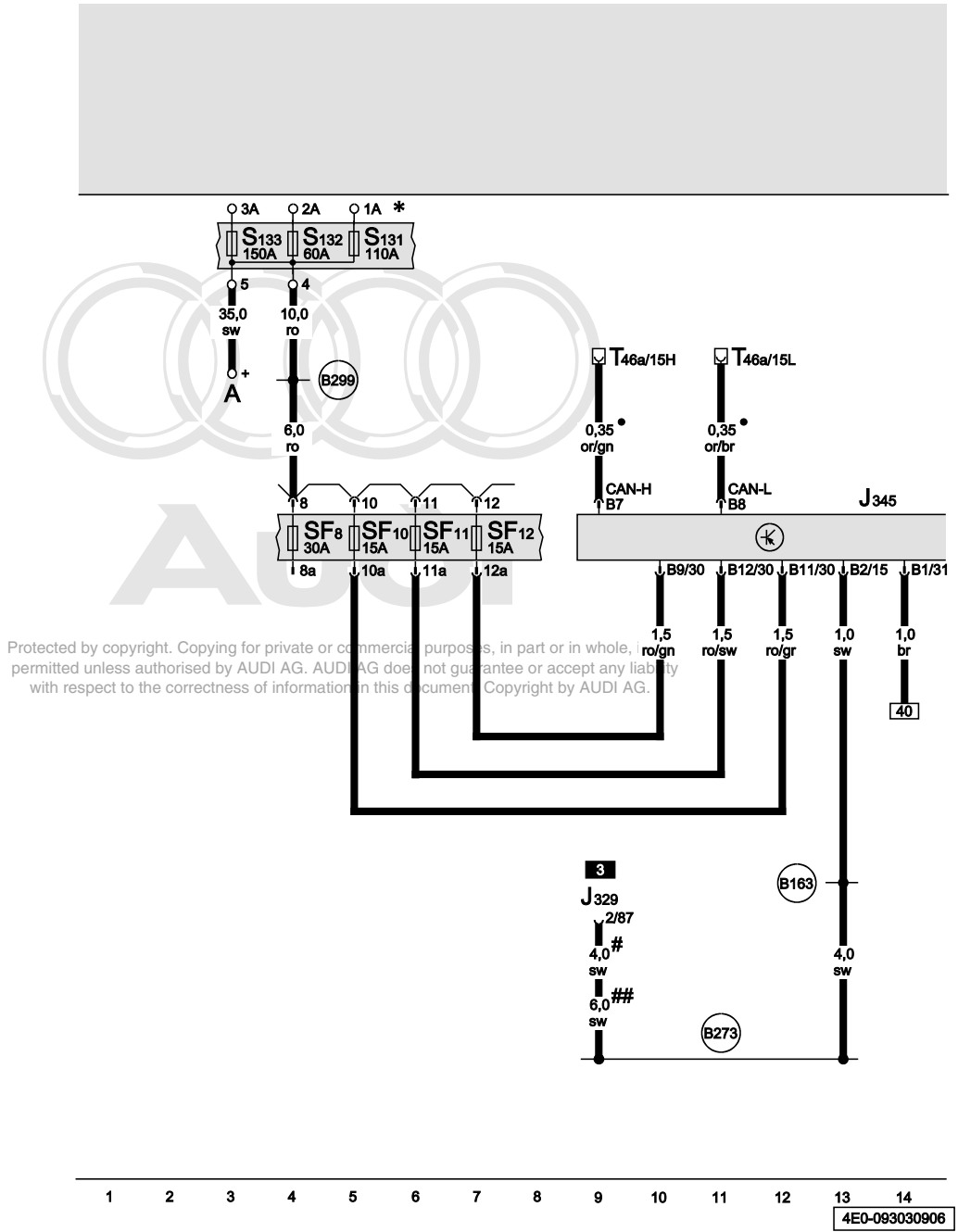
A97-0403

Relay positions

3 - Terminal 15 voltage supply relay (J329)

Trailer detector control unit, fuses

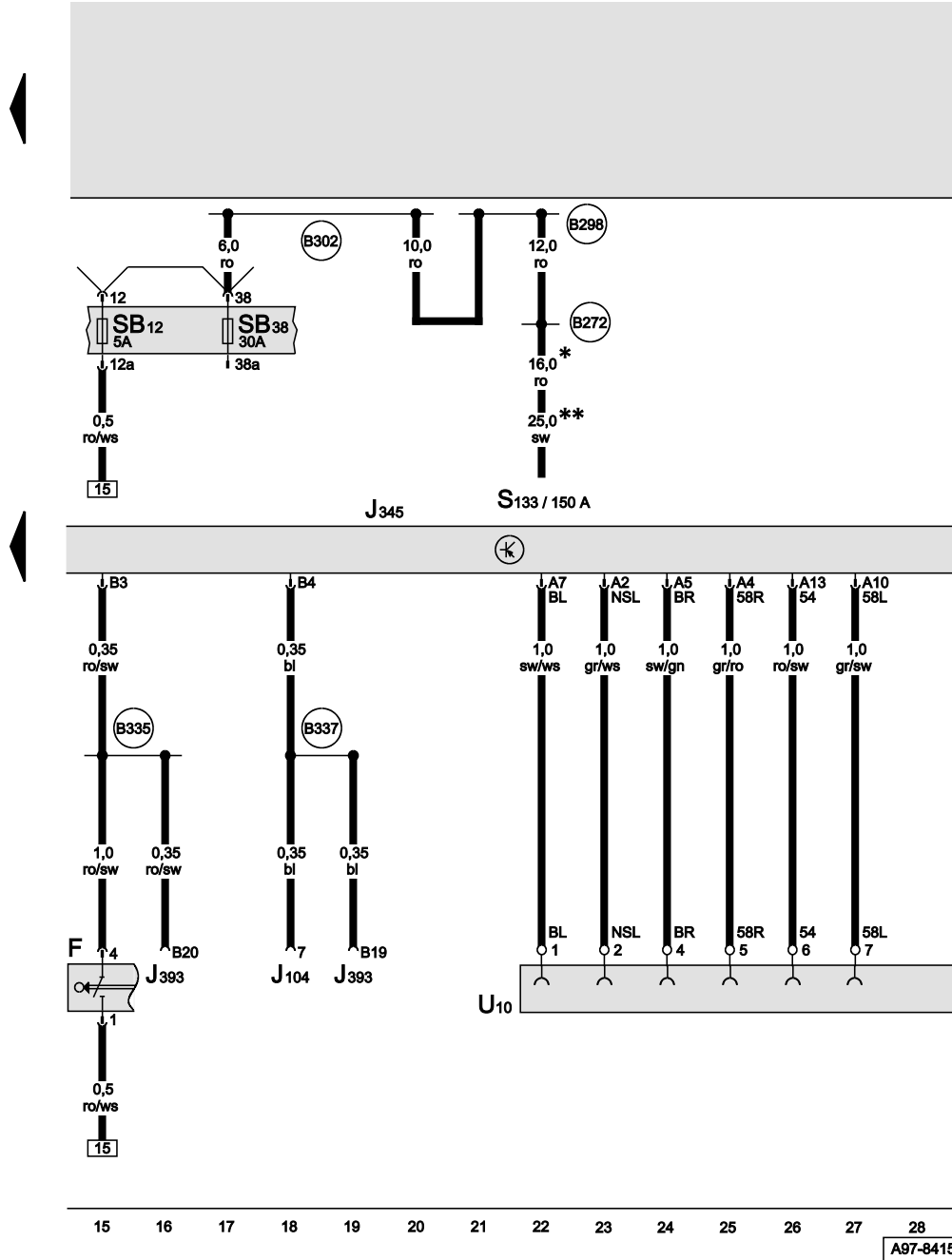
- A Battery
- J329 Terminal 15 voltage supply relay
- J345 Trailer detector control unit
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF11 Fuse 11 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T46a 46-pin connector, black, CAN separating connector left
- B163 Positive connection 1 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- CAN bus (data wire)
- \* In luggage compartment, rear right
- # up to April 2006
- ## from May 2006



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Trailer detector control unit, trailer socket, brake light switch



- F Brake light switch
- J104 ABS control unit
- J345 Trailer detector control unit
- J393 Convenience system central control unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB12 Fuse 12 on fuse holder
- SB38 Fuse 38 on fuse holder
- U10 Trailer socket
- (B272) Positive connection (30), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B337) Connection 3 (54), in main wiring harness
- \* models with petrol engines
- \*\* models with diesel engines

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Trailer detector control unit, trailer socket

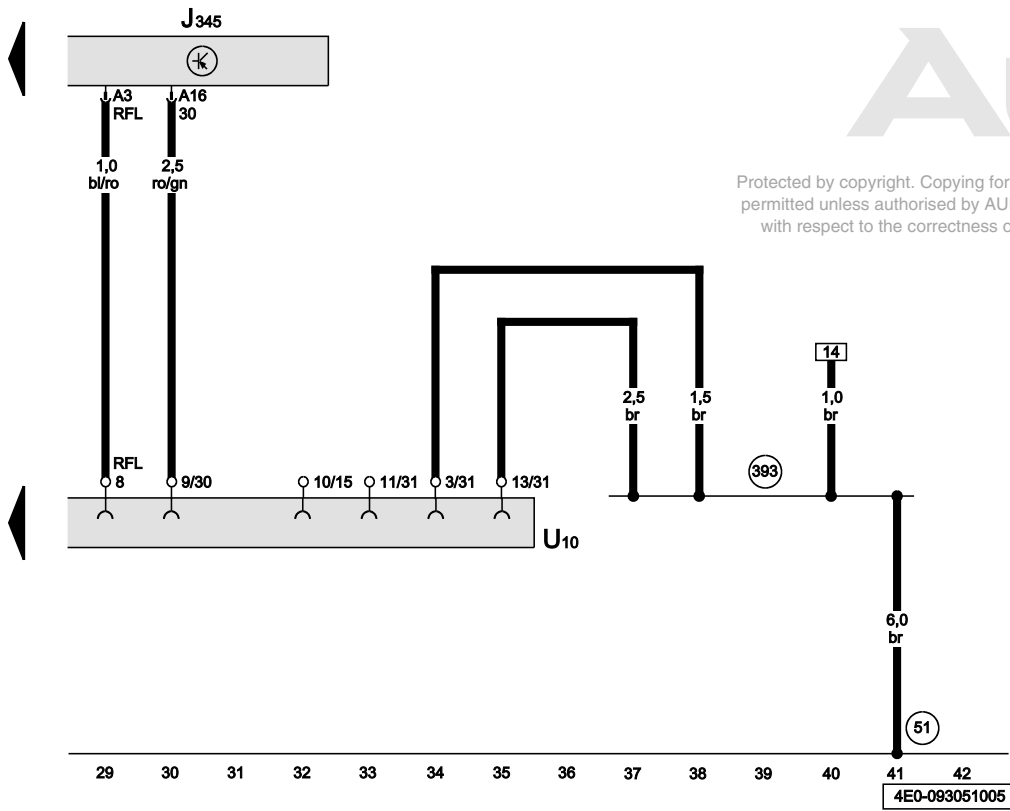
J345 Trailer detector control unit  
U10 Trailer socket

51 Earth point, on right in luggage compartment

393 Earth connection 28, in main wiring harness



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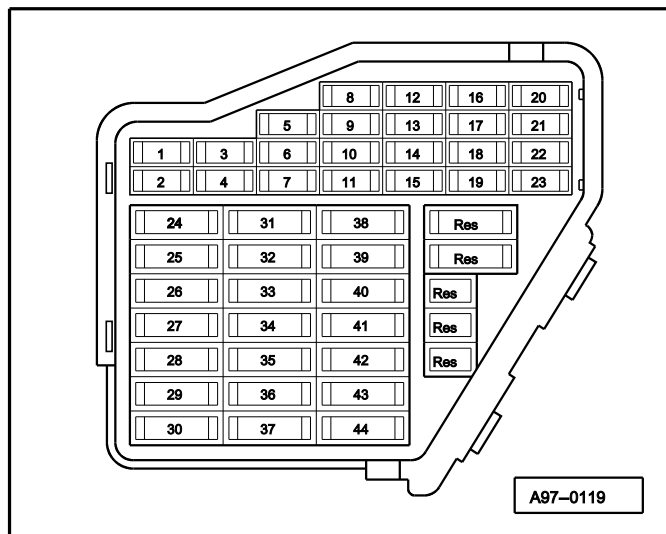
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### Ultrasonic parking aid, front and rear

from model year 2005

#### Fuse holder, left dash panel



#### Fuse colours

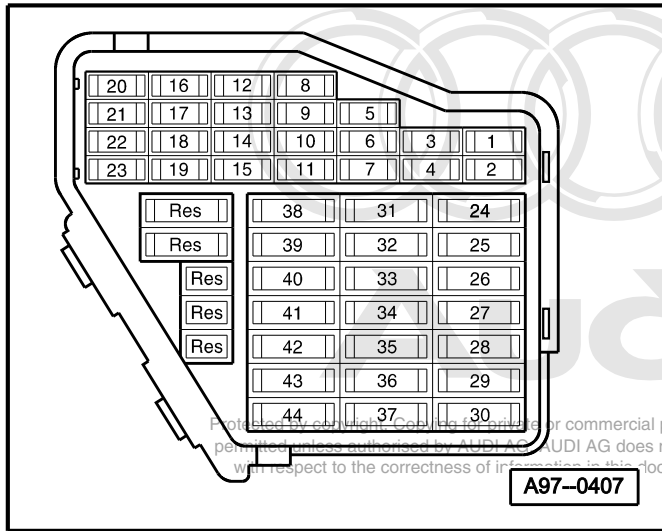
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black
- SB - Fuses in fuse holder left dash panel
- SC - Fuses in fuse holder right dash panel
- SD - Fuses in fuse holder left in luggage compartment
- SF - Fuses in fuse holder right in luggage compartment



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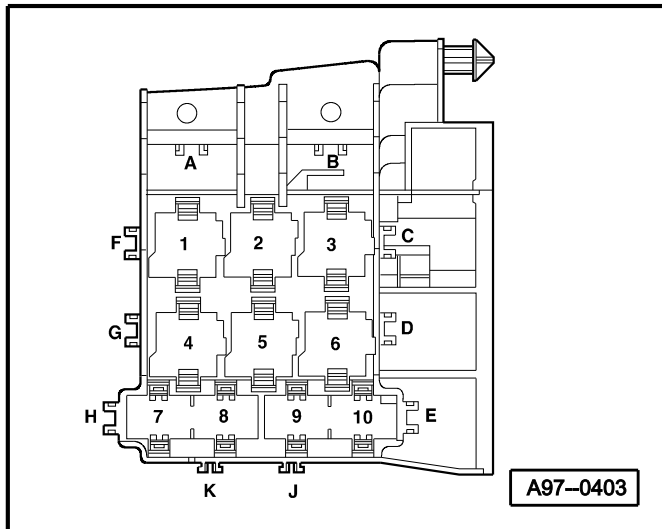
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**Fuse holder right dash panel**



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**Relay and fuse carrier behind left dash panel**

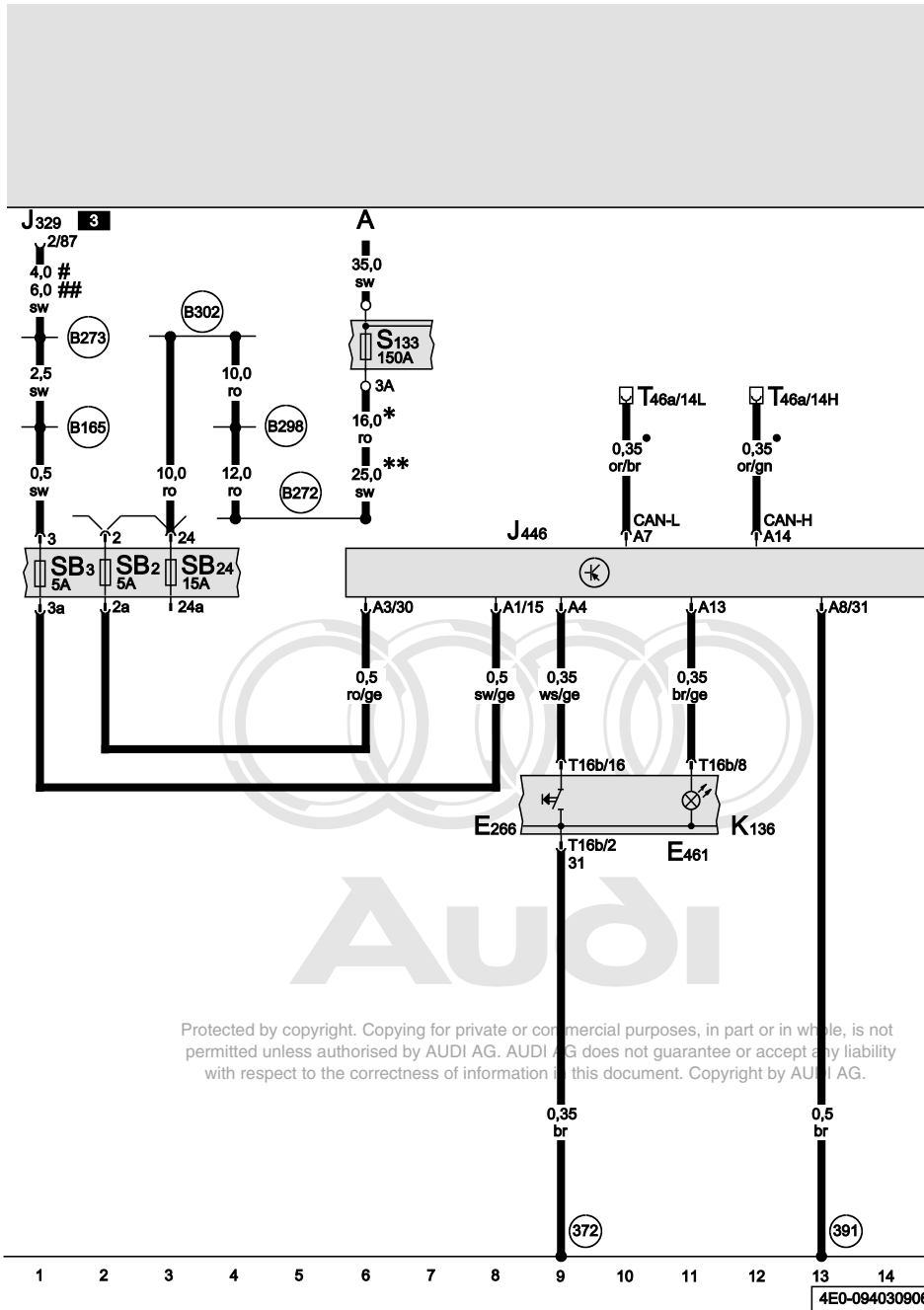


Relay positions

3 - Terminal 15 voltage supply relay (J329)

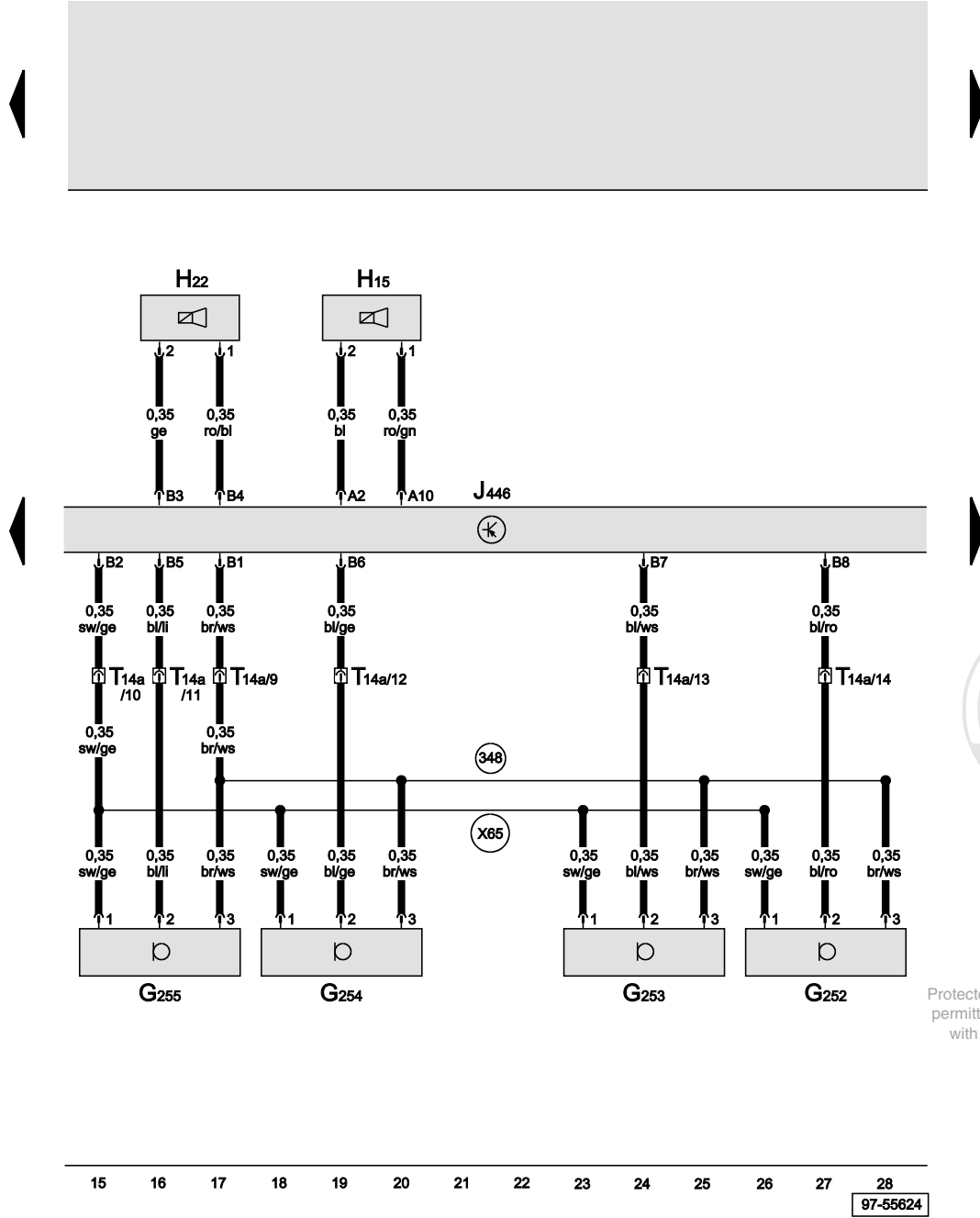
Parking aid control unit, parking aid button, parking aid warning lamp

- A Battery
- E266 Parking aid button
- E461 Operating unit in front of centre console
- J329 Terminal 15 voltage supply relay
- J446 Parking aid control unit
- K136 Parking aid button
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T16b 16-pin connector, black, on operating unit in front of centre console
- T46a 46-pin connector, black, CAN separating connector left
- 372 Earth connection 7, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- CAN bus (data wire)
- \* models with petrol engines
- \*\* models with diesel engines
- # up to April 2006
- ## from May 2006



Parking aid control unit, front parking aid sender, parking aid warning buzzer

- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- H15 Rear parking aid warning buzzer
- H22 Front parking aid warning buzzer
- J446 Parking aid control unit
- T14a 14-pin connector, black, on front left in engine compartment
- 348 Earth connection (parking aid), in front bumper wiring harness
- X65 Connection (parking aid), in front bumper wiring harness

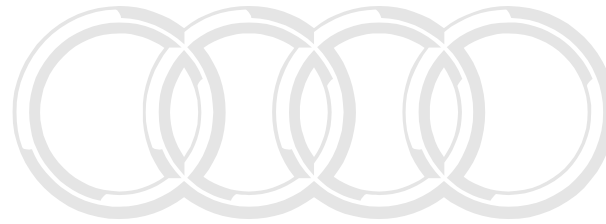
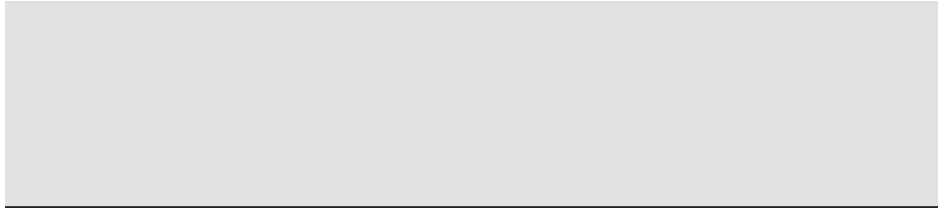


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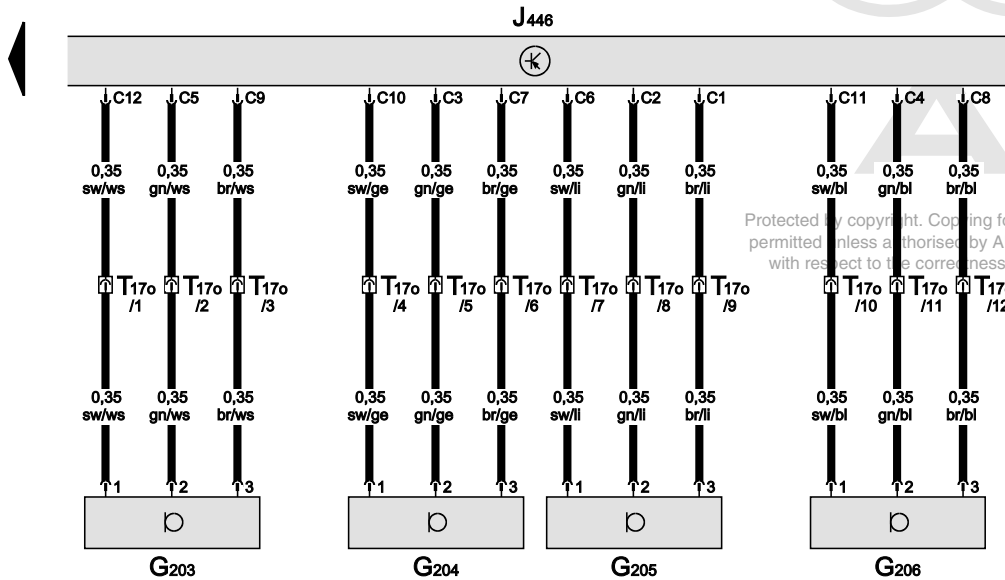
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Parking aid control unit, rear parking aid sender

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit
- T17o 17-pin connector, black, in luggage compartment



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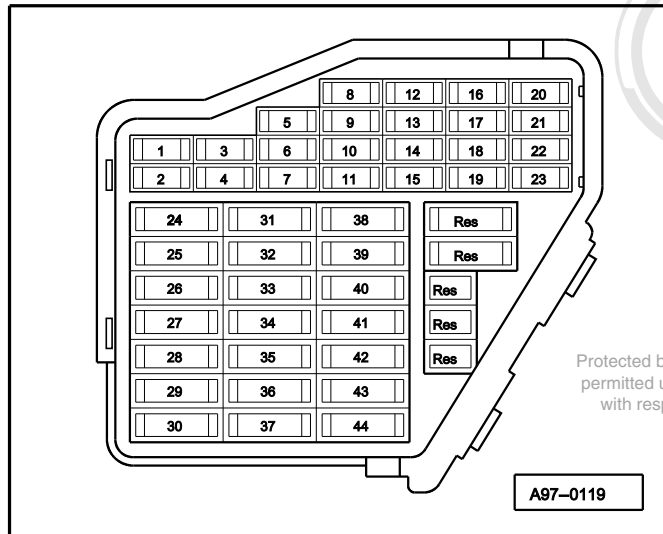


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## Telephone

From model year 2005

### Fuse box, dash panel, left



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### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige

1 A - black

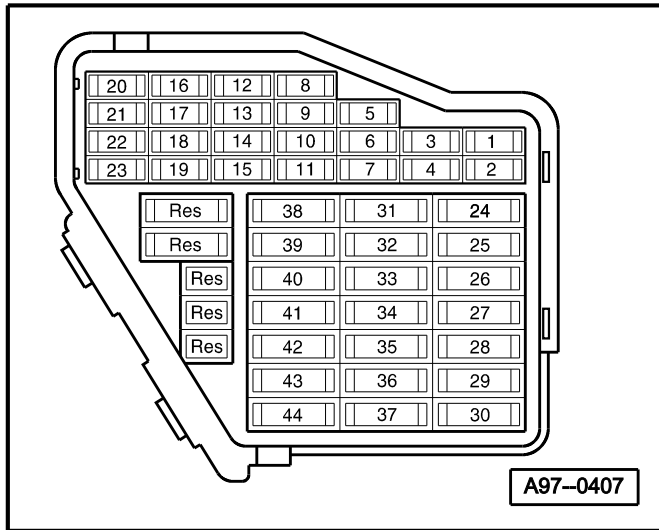
SB - Fuses in fuse box, dash panel, left

SC - Fuses in fuse box, dash panel, right

SD - Fuses in fuse box, luggage compartment, left

SF - Fuses in fuse box, luggage compartment, right

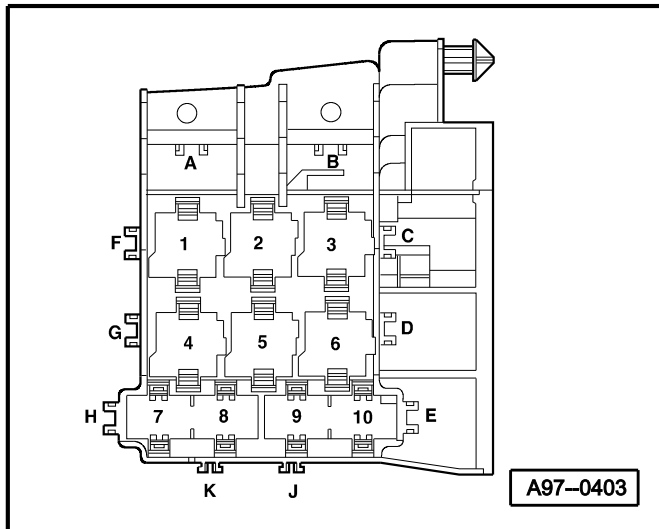
Fuse box, dash panel, right

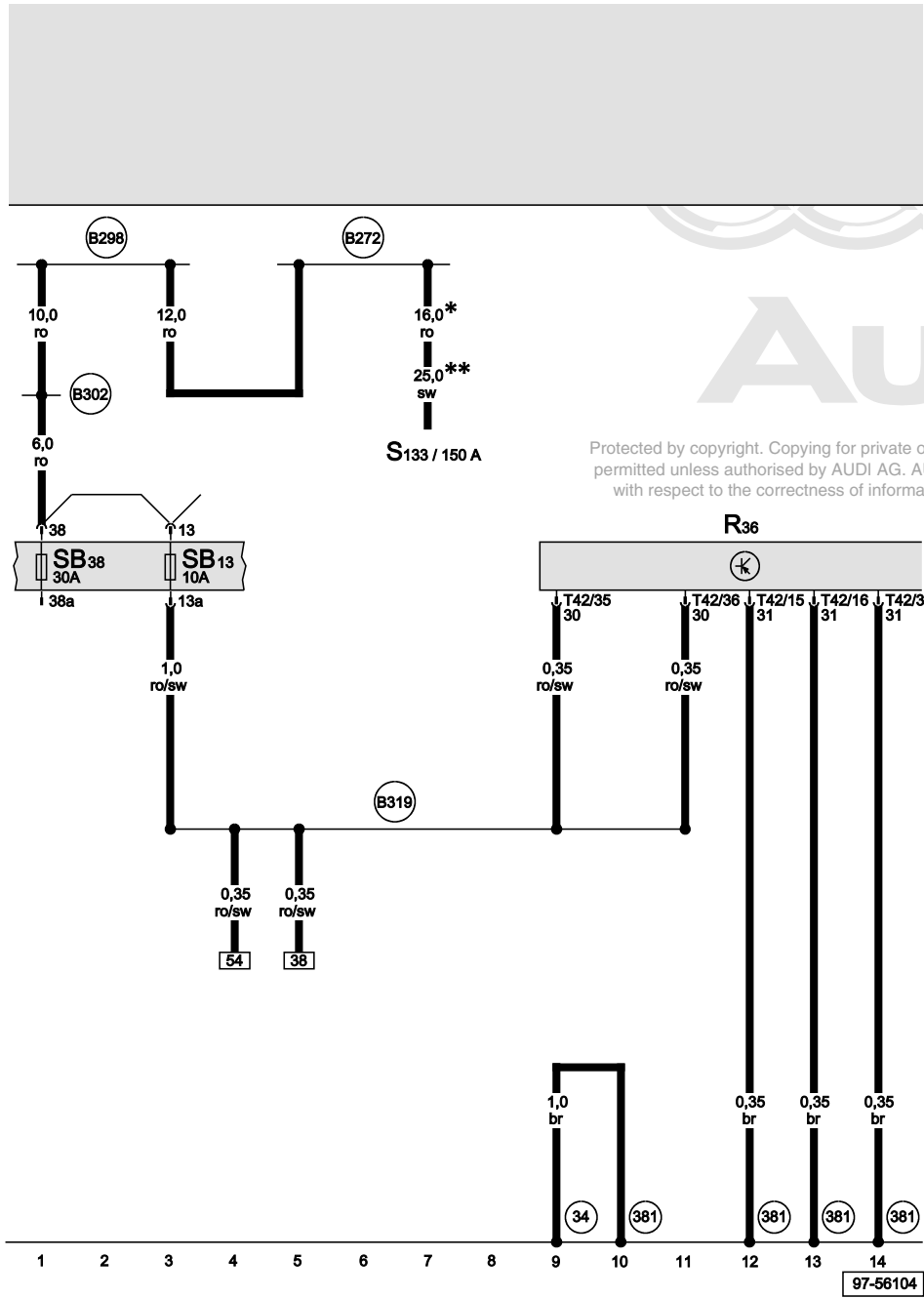


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Relay and fuse carrier, behind dash panel, left





Telephone transmitter and receiver unit, fuses

- R36 Telephone transmitter and receiver unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB13 Fuse 13 on fuse box
- SB38 Fuse 38 on fuse box
- T42 42-pin connector, on telephone transmitter and receiver unit

- 34 Earth point under driver's seat
- 381 Earth connection 16, in main wiring harness
- B272 Positive (+) connection (30), in main wiring harness
- B298 Positive (+) connection 2 (30), in main wiring harness
- B302 Positive (+) connection 6 (30), in main wiring harness
- B319 Positive (+) connection 5 (30a), in main wiring harness

- \* Models with petrol engines
- \*\* Models with diesel engines

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

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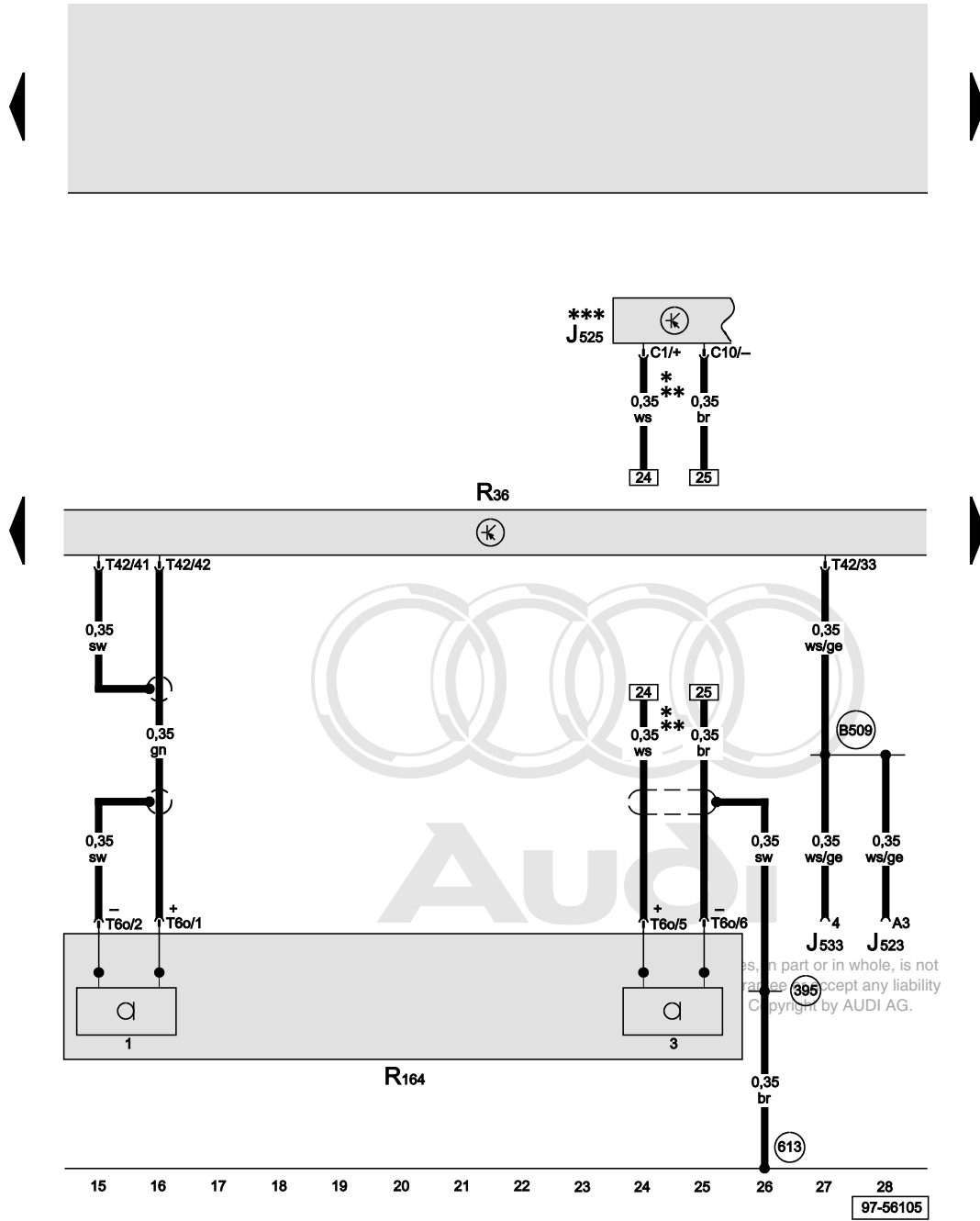
97-56104



Telephone transmitter and receiver unit, microphone unit in front roof module

- J523 Front information display and operating unit control unit
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R36 Telephone transmitter and receiver unit
- R164 Microphone unit in front roof module
- T6o 6-pin connector, blue, on microphone unit in front roof module
- T42 42-pin connector, on telephone transmitter and receiver unit

- 395 Earth connection 30, in main wiring harness
- 613 Earth point (audio), in luggage compartment, left
- B509 Connection 3 (diagnosis), in main wiring harness (ring circuit monitor diagnosis)
- \* Models without voice control
- \*\* Models with voice control
- \*\*\* Models with radio Bose

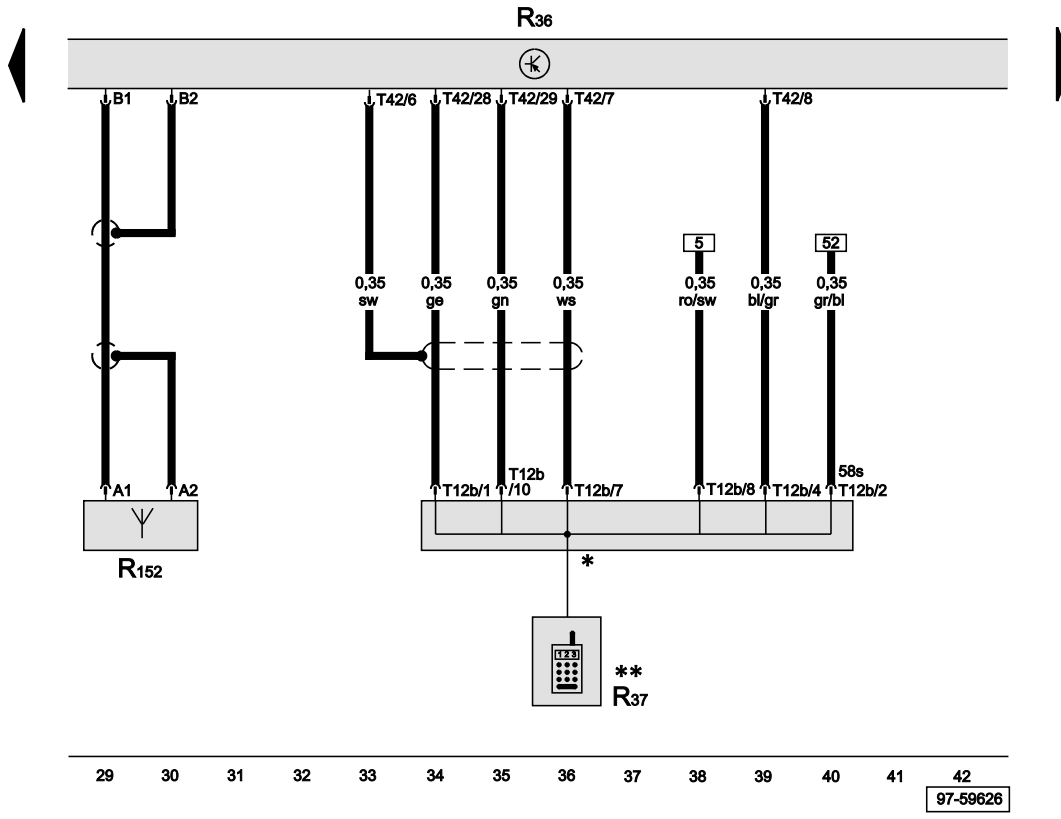


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Telephone transmitter and receiver unit, aerial for Bluetooth, telephone handset

- R36 Telephone transmitter and receiver unit
- R37 Telephone handset
- R152 Aerial for Bluetooth
- T12b 12-pin connector, on telephone handset
- T42 42-pin connector, on telephone transmitter and receiver unit
- \* In centre armrest
- \*\* With chip card reader

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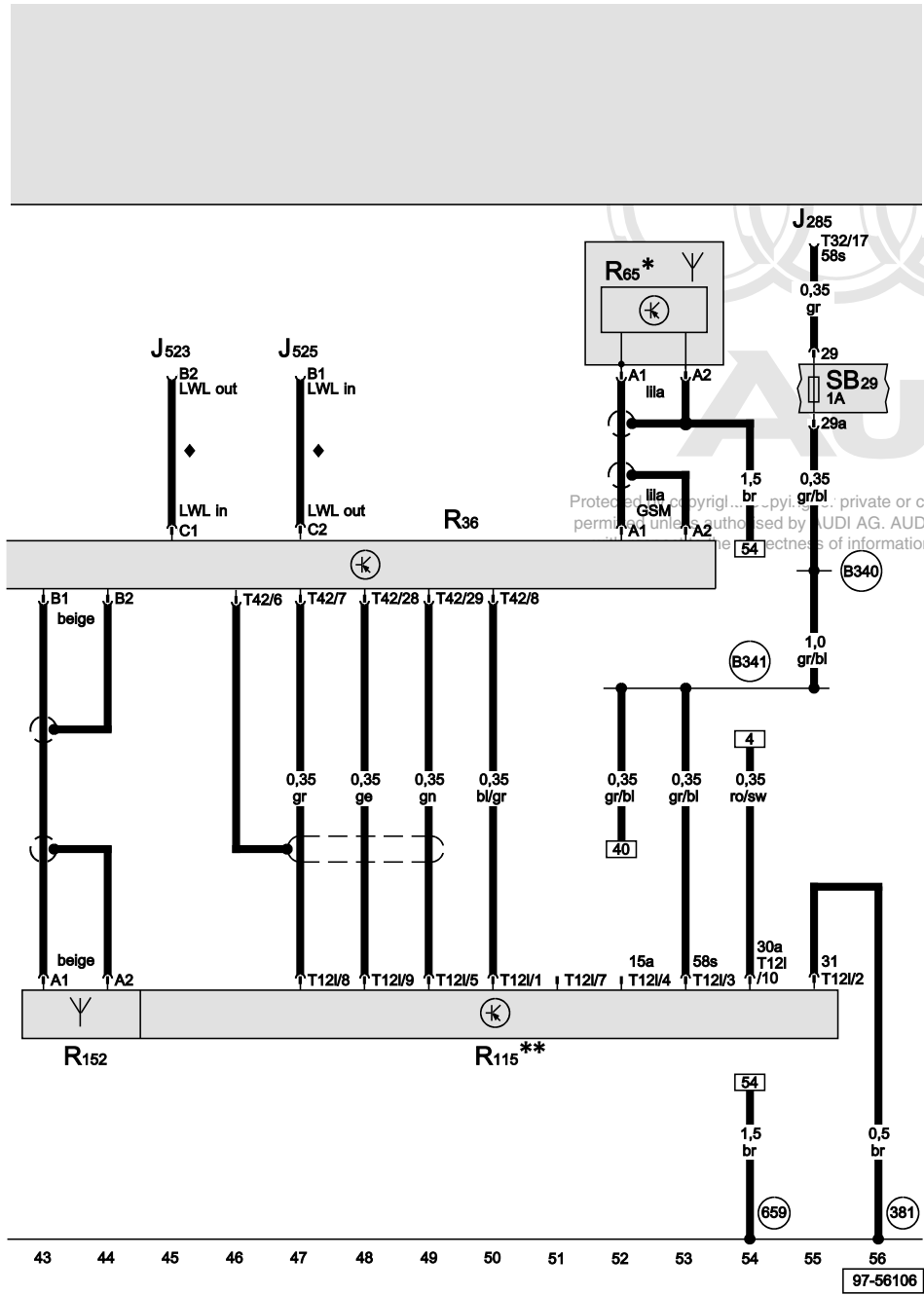
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Telephone transmitter and receiver unit, aerial for Bluetooth, telephone aerial, chip card reader for telephone

- J285 Control unit in dash panel insert
- J523 Front information display and operating unit control unit
- J525 Digital sound package control unit
- R36 Telephone transmitter and receiver unit
- R65 Telephone aerial
- R115 Chip card reader for telephone
- R152 Aerial for Bluetooth
- SB29 Fuse 29 on fuse box
- T121 12-pin connector, on chip card reader for telephone
- T32 32-pin connector, blue, on dash panel insert
- T42 42-pin connector, on telephone transmitter and receiver unit

- (381) Earth connection 16, in main wiring harness
- (659) Earth point 1, on right near rear window
- (B340) Connection 1 (58s), in main wiring harness
- (B341) Connection 2 (58s), in main wiring harness

- ◆ Fibre optic cable (LWL)
- \* Roof aerial
- \*\* In storage compartment



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## Preparation for mobile telephone

⇒ Preparation for mobile telephone with Bluetooth car phone  
from model year 2005

### Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs
- ⇒ guided fault finding

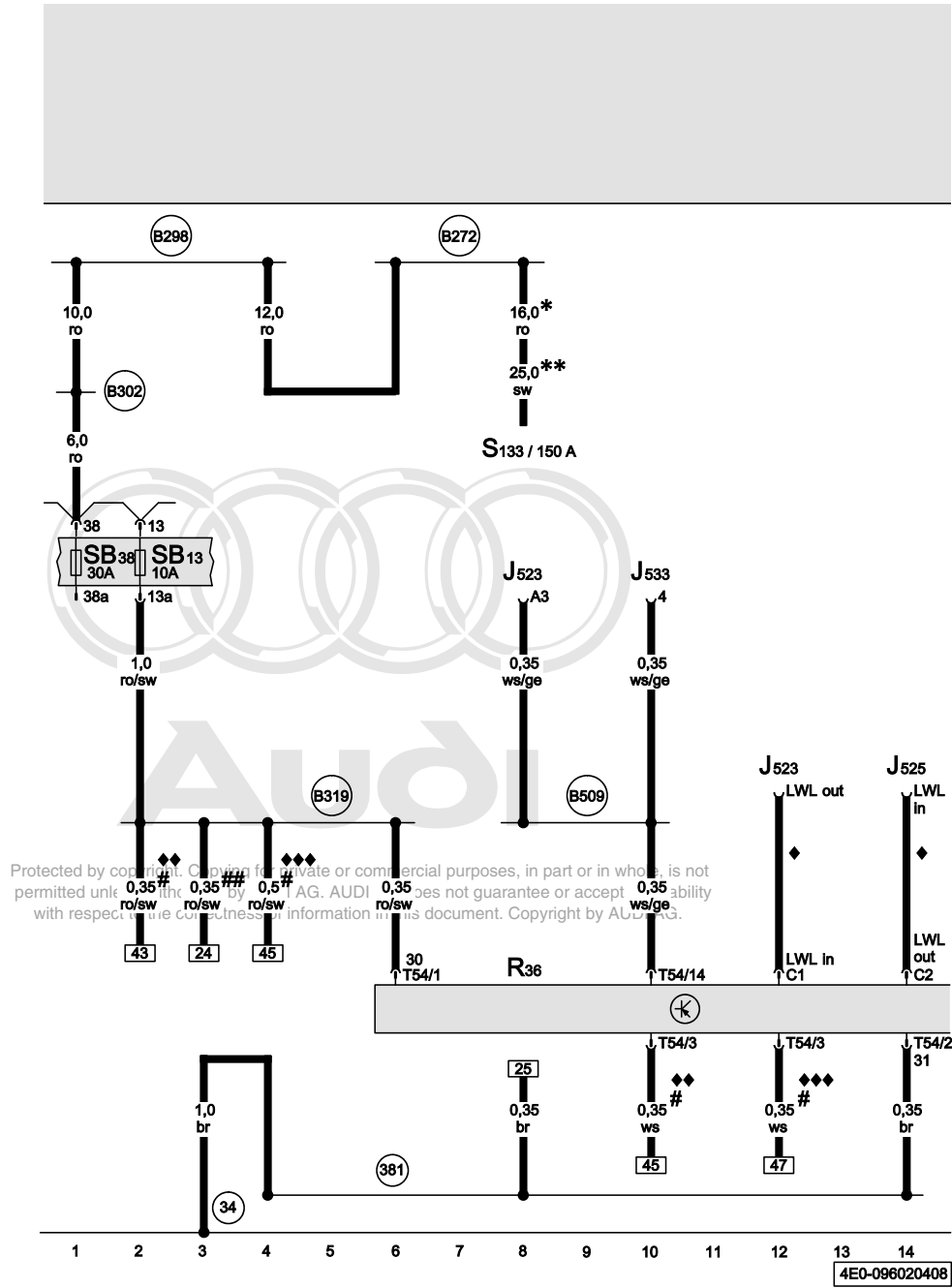


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Telephone transmitter and receiver unit, fuses

- J523 Front information display and operating unit control unit
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R36 Telephone transmitter and receiver unit
- S133 Fuse 3
- SB13 Fuse 13 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T54 54-pin connector, on telephone transmitter and receiver unit

- 34 Earth point, under driver seat
  - 381 Earth connection 16, in main wiring harness
  - B272 Positive connection (30), in main wiring harness
  - B298 Positive connection 2 (30), in main wiring harness
  - B302 Positive connection 6 (30), in main wiring harness
  - B319 Positive connection 5 (30a), in main wiring harness
  - B509 Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
- \* models with petrol engines  
 \*\* models with diesel engines  
 # not for preparation for mobile telephone Bluetooth  
 ## preparation for mobile telephone Bluetooth only  
 ◆ Fibre optic conductor, ⇒ Current Flow Diagram infotainment data  
 ◆◆ up to May 2008  
 ◆◆◆ from June 2008



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4E0-096020408

Telephone transmitter and receiver unit, aerial for Bluetooth, microphone unit in front roof module

- J285 Control unit in dash panel insert
- R36 Telephone transmitter and receiver unit
- R37 Telephone handset
- R65 Telephone aerial
- R126 Telephone bracket
- R152 Aerial for Bluetooth
- R164 Microphone unit in front roof module
- SB29 Fuse 29 on fuse holder B
- T60 6-pin connector, blue, on microphone unit in front roof module
- T12s 12-pin connector, on telephone bracket
- T32 32-pin connector, blue, on dash panel insert
- T54 54-pin connector, on telephone transmitter and receiver unit

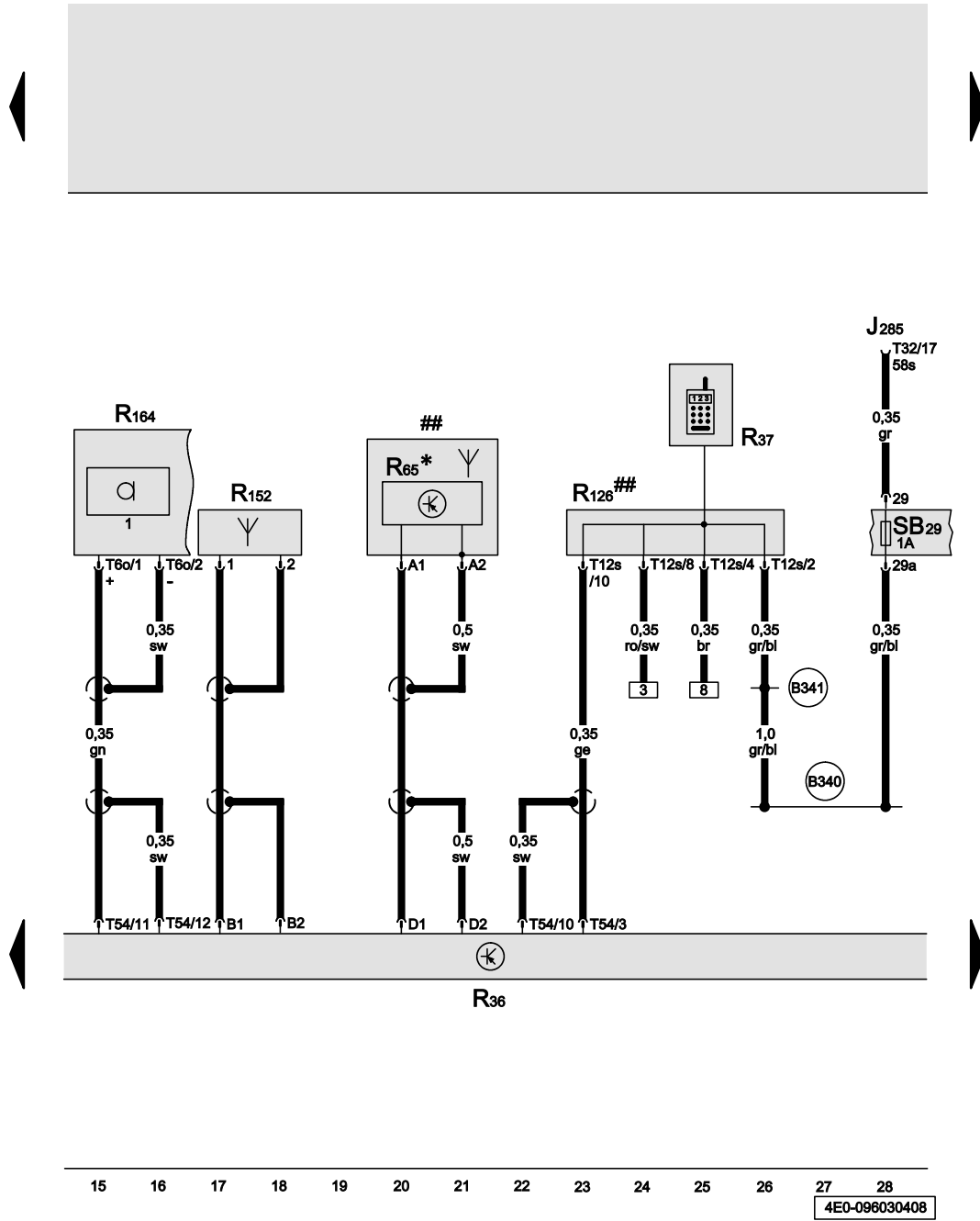
(B340) Connection 1 (58s), in main wiring harness

(B341) Connection 2 (58s), in main wiring harness

\* roof aerial

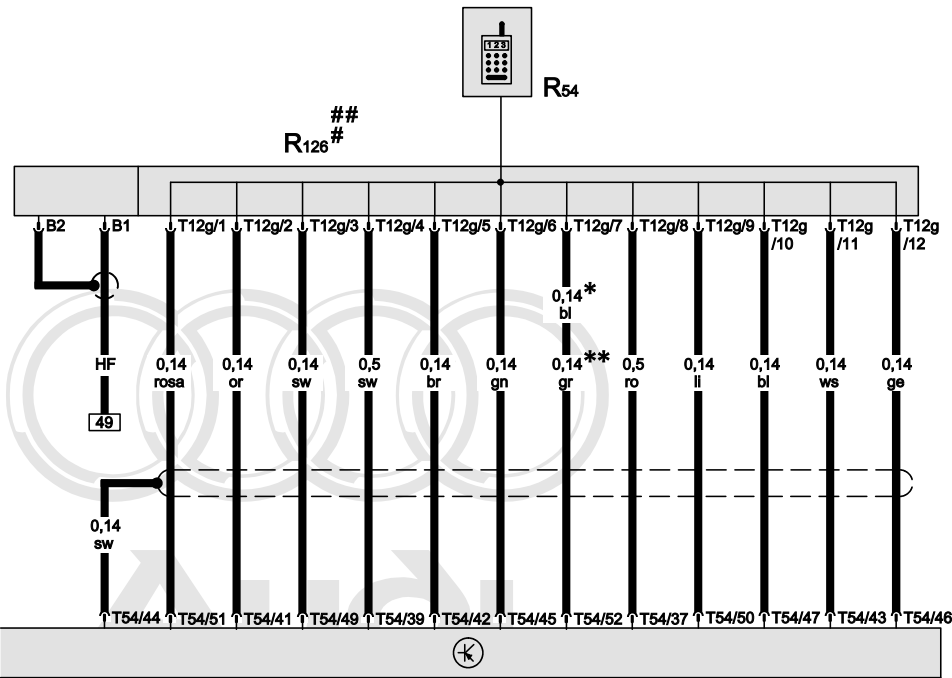
## preparation for mobile telephone Bluetooth only

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Telephone transmitter and receiver unit, mobile telephone

- R36 Telephone transmitter and receiver unit
- R54 Mobile telephone
- R126 Telephone bracket
- T12g 12-pin connector, on mobile telephone
- T54 54-pin connector, on telephone transmitter and receiver unit
- \* up to model year 2005
- \*\* from model year 2006
- # not for preparation for mobile telephone Bluetooth
- ## is dropped from June 2008, models without insulating glass



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

29 30 31 32 33 34 35 36 37 38 39 40 41 42

4E0-096040408

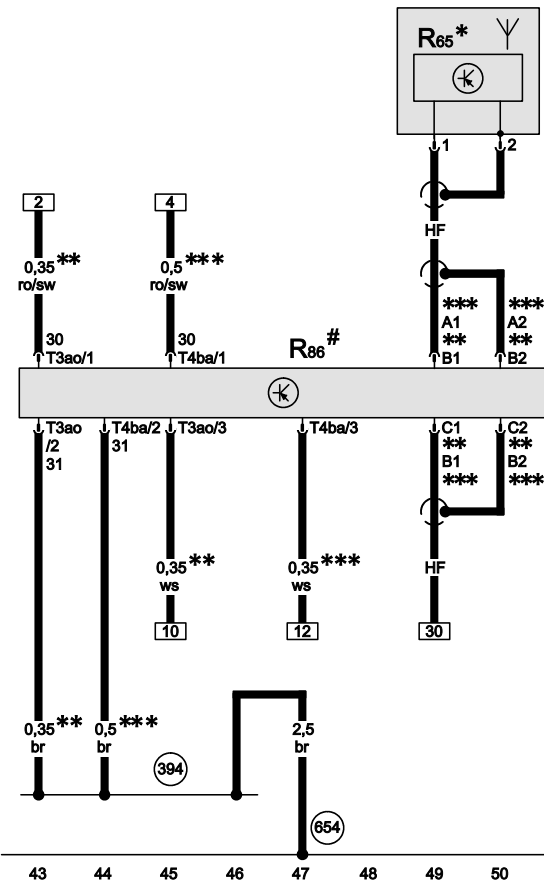
Aerial amplifier for mobile telephone, telephone aerial

- R65 Telephone aerial
- R86 Aerial amplifier for mobile telephone
- T3ao 3-pin connector, black, on aerial amplifier for mobile telephone
- T4ba 4-pin connector, black, on aerial amplifier for mobile telephone

394 Earth connection 29, in main wiring harness

654 Earth point, right D-pillar

- \* roof aerial
- \*\* up to May 2008
- \*\*\* from June 2008
- # not for preparation for mobile telephone Bluetooth



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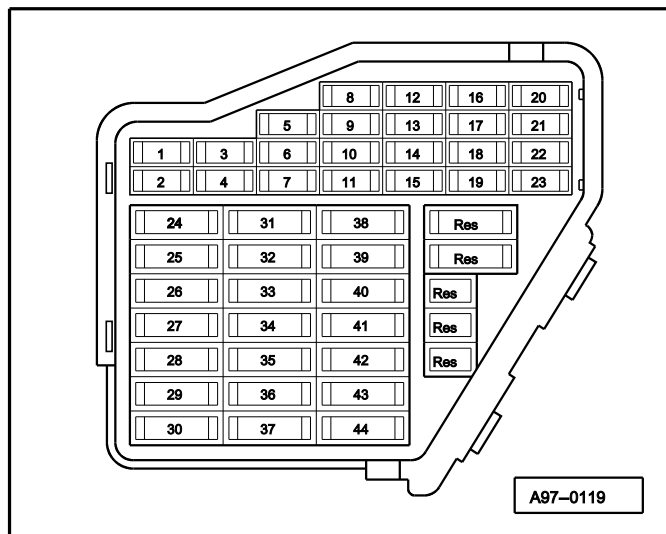
4E0-096050408



## Navigation system

From model year 2005

### Fuse box, dash panel, left



### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige

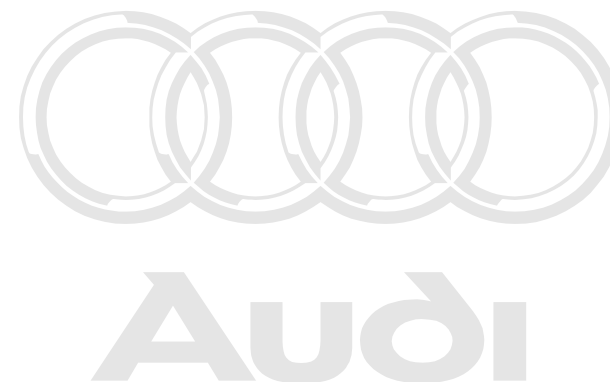
1 A - black

SB - Fuses in fuse box, dash panel, left

SC - Fuses in fuse box, dash panel, right

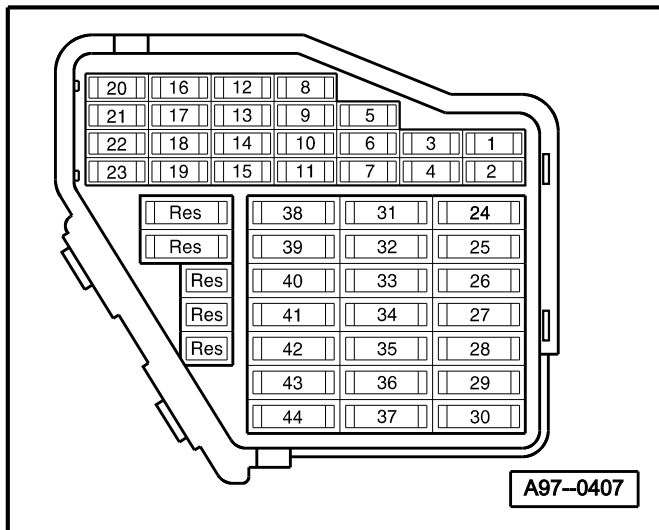
SD - Fuses in fuse box, luggage compartment, left

SF - Fuses in fuse box, luggage compartment, right

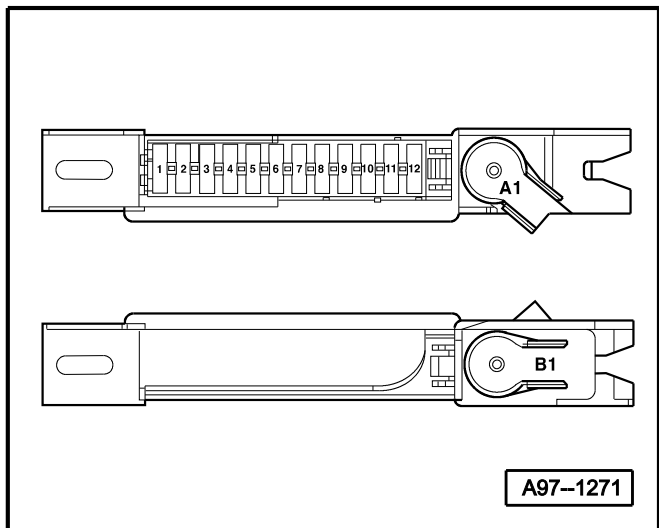


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Fuse box, dash panel, right



Fuse box in luggage compartment, left



Position of fuses

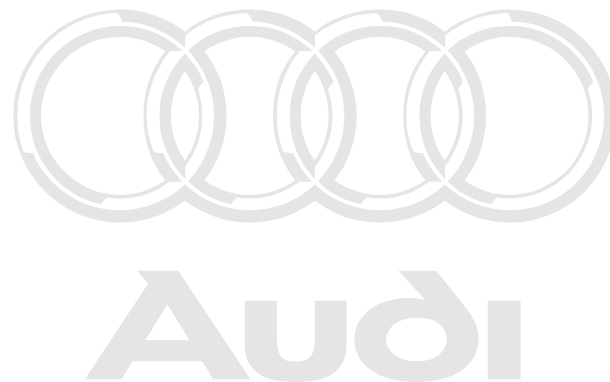
- 6 - Navigation system with CD drive control unit (J401)
- A1 - Screw connection for terminal 30 (battery)



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B1 - Screw connection for terminal 30



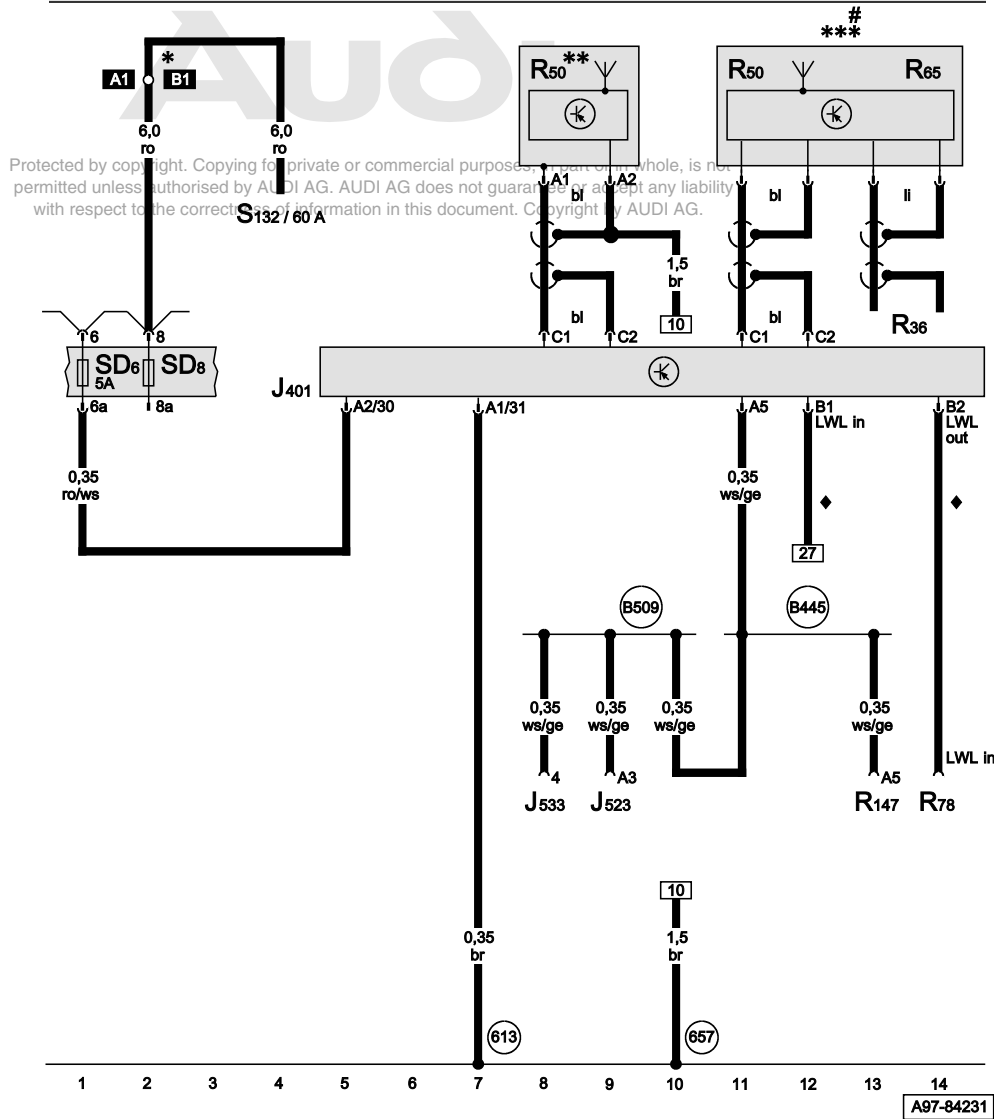
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Navigation system with CD drive control unit, fuses, navigation system aerial, telephone aerial

- J401 Navigation system with CD drive control unit
- J523 Front information display and operating unit control unit
- J533 Data bus diagnostic interface
- R36 Telephone transmitter and receiver unit
- R50 Navigation system aerial
- R65 Telephone aerial
- R78 TV tuner
- R147 Digital radio
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- SD6 Fuse 6 on fuse box
- SD8 Fuse 8 on fuse box

- 613 Earth point (audio), in luggage compartment, left
- 657 Earth point 1, on left near rear window
- B445 Connection 2 (diagnosis), in main wiring harness (ring circuit monitor diagnosis)
- B509 Connection 3 (diagnosis), in main wiring harness (ring circuit monitor diagnosis)

- \* Screw connection on fuse box, rear left
- \*\* Behind rear roof trim
- \*\*\* Roof aerial
- # Models with telephone and navigation system
- ◆ Fibre optic cable (LWL)



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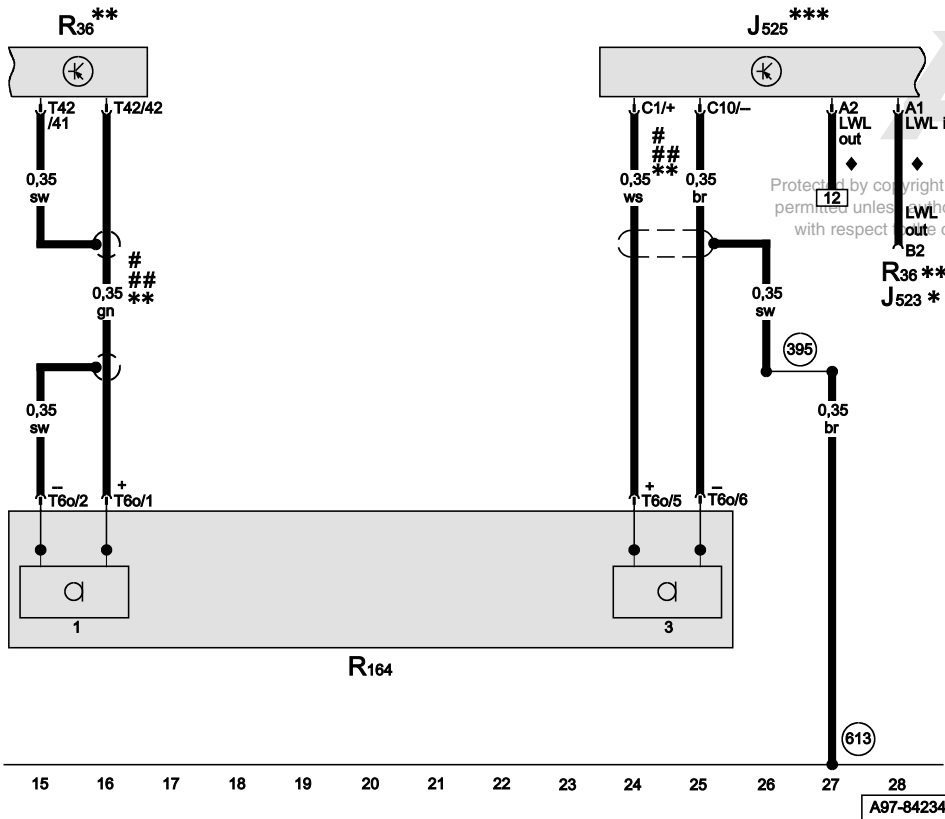
Microphone unit in front roof module, digital sound package control unit

- J523 Front information display and operating unit control unit
- J525 Digital sound package control unit
- R36 Telephone transmitter and receiver unit
- R164 Microphone unit in front roof module
- T6o 6-pin connector, blue, on microphone unit in front roof module
- T42 42-pin connector, on telephone transmitter and receiver unit

(395) Earth connection 30, in main wiring harness

(613) Earth point (audio), in luggage compartment, left

- \* Models without telephone
- \*\* Models with telephone
- \*\*\* Models with radio Bose
- # Models without voice control
- ## Models with voice control
- ◆ Fibre optic cable (LWL)



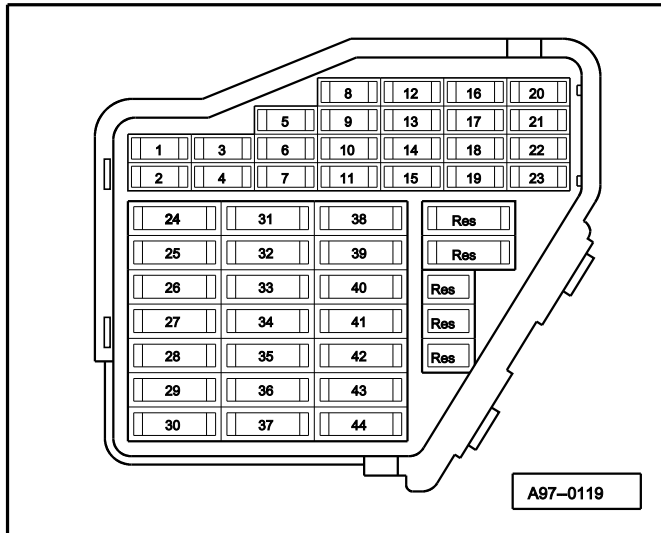
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**Headlights with gas discharge bulbs (xenon, bi-xenon), cornering lights and automatic headlight range control**

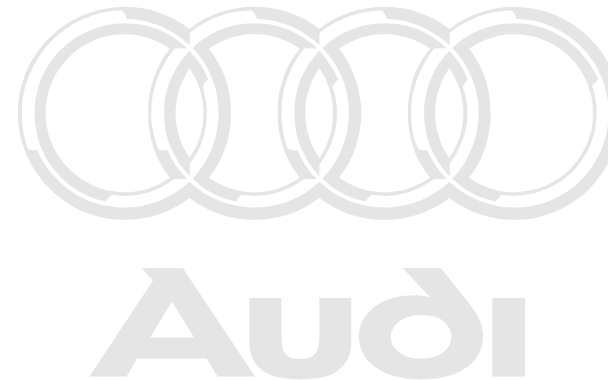
From model year 2005

**Fuse box, dash panel, left**



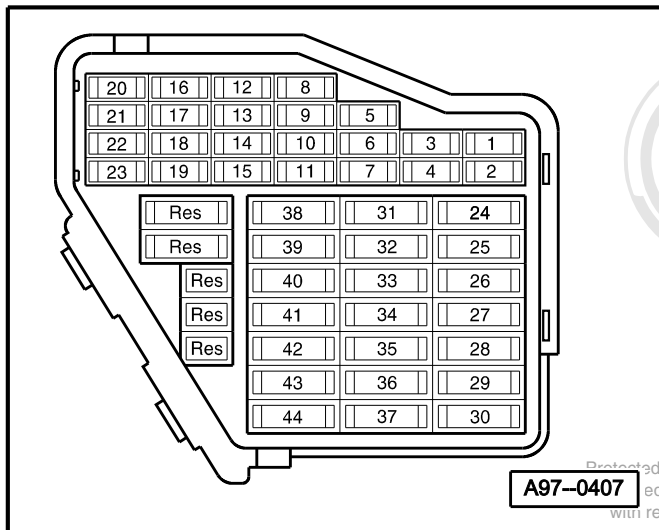
**Fuse colours**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 1 A - black
- SB - Fuses in fuse box, dash panel, left
- SC - Fuses in fuse box, dash panel, right
- SD - Fuses in fuse box, luggage compartment, left
- SF - Fuses in fuse box, luggage compartment, right



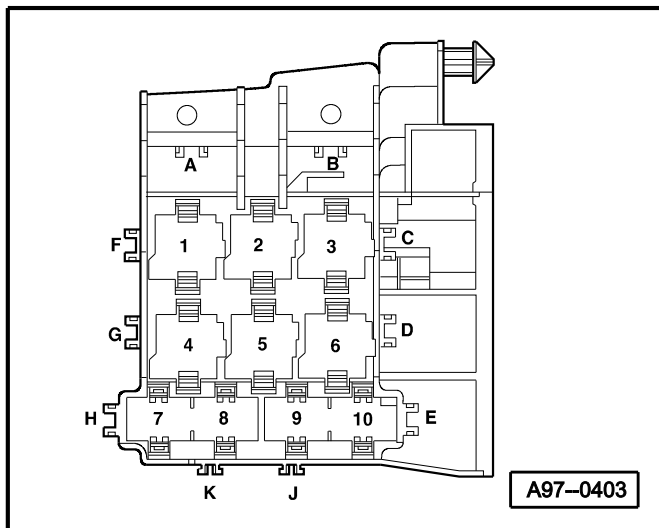
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Fuse box, dash panel, right



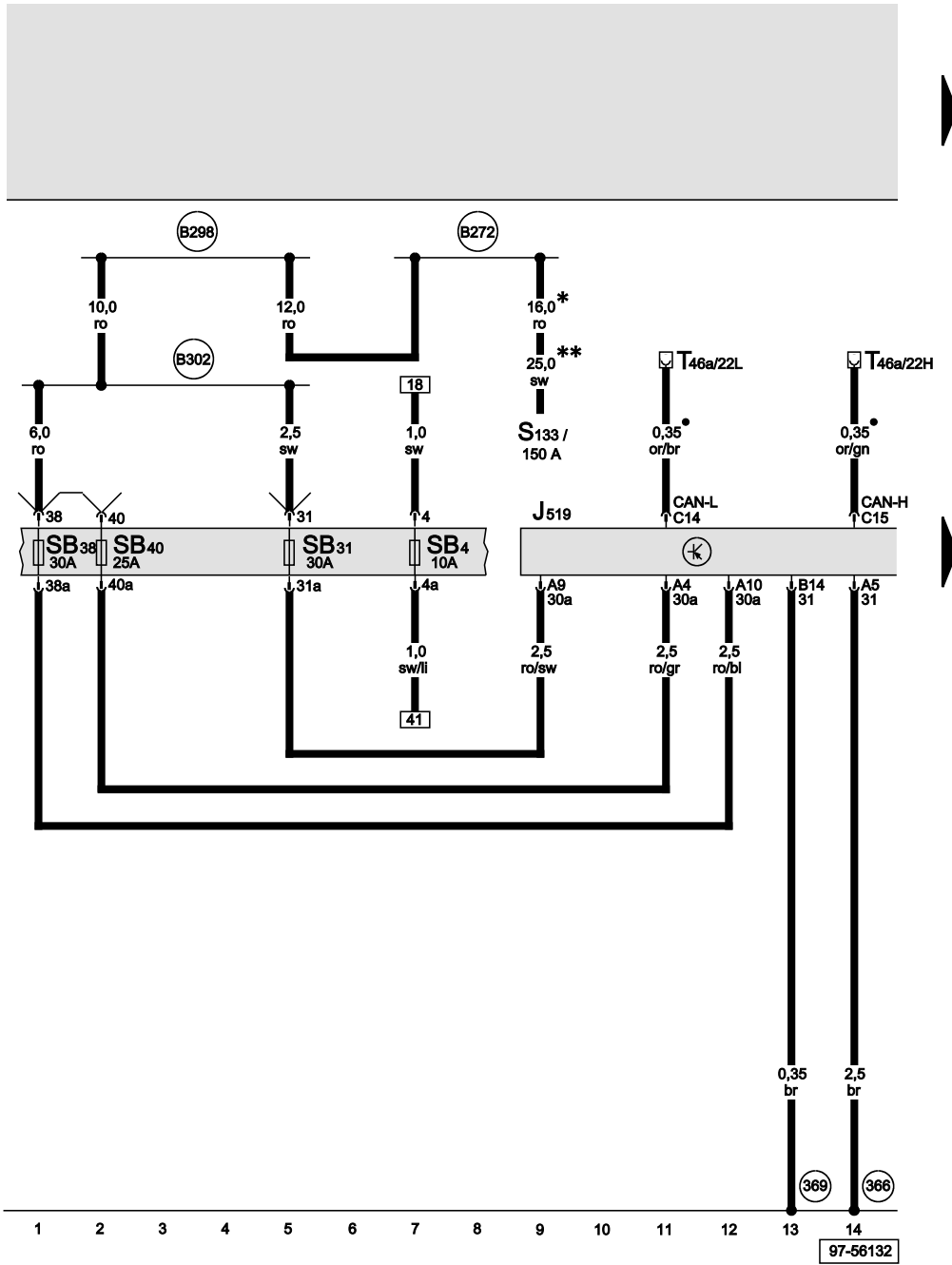
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Relay and fuse carrier, behind dash panel, left



Position of relays

3 - Terminal 15 voltage supply relay (J329)

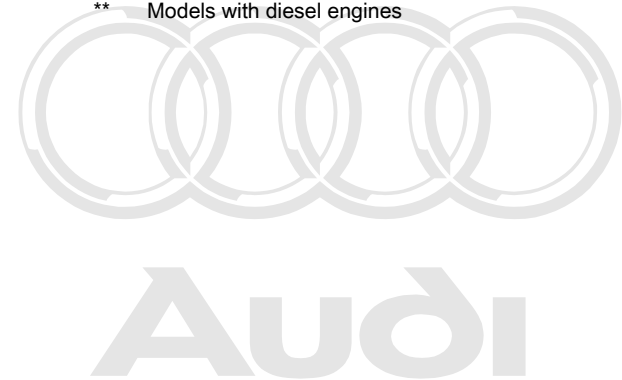


Onboard power supply control unit, fuses

- J519 Onboard power supply control unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB4 Fuse 4 on fuse box
- SB31 Fuse 31 on fuse box
- SB38 Fuse 38 on fuse box
- SB40 Fuse 40 on fuse box
- T46a 46-pin connector, black, CAN separating connector, left

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- B272 Positive (+) connection (30), in main wiring harness
- B298 Positive (+) connection 2 (30), in main wiring harness
- B302 Positive (+) connection 6 (30), in main wiring harness

- CAN bus (data wire)
- \* Models with petrol engines
- \*\* Models with diesel engines



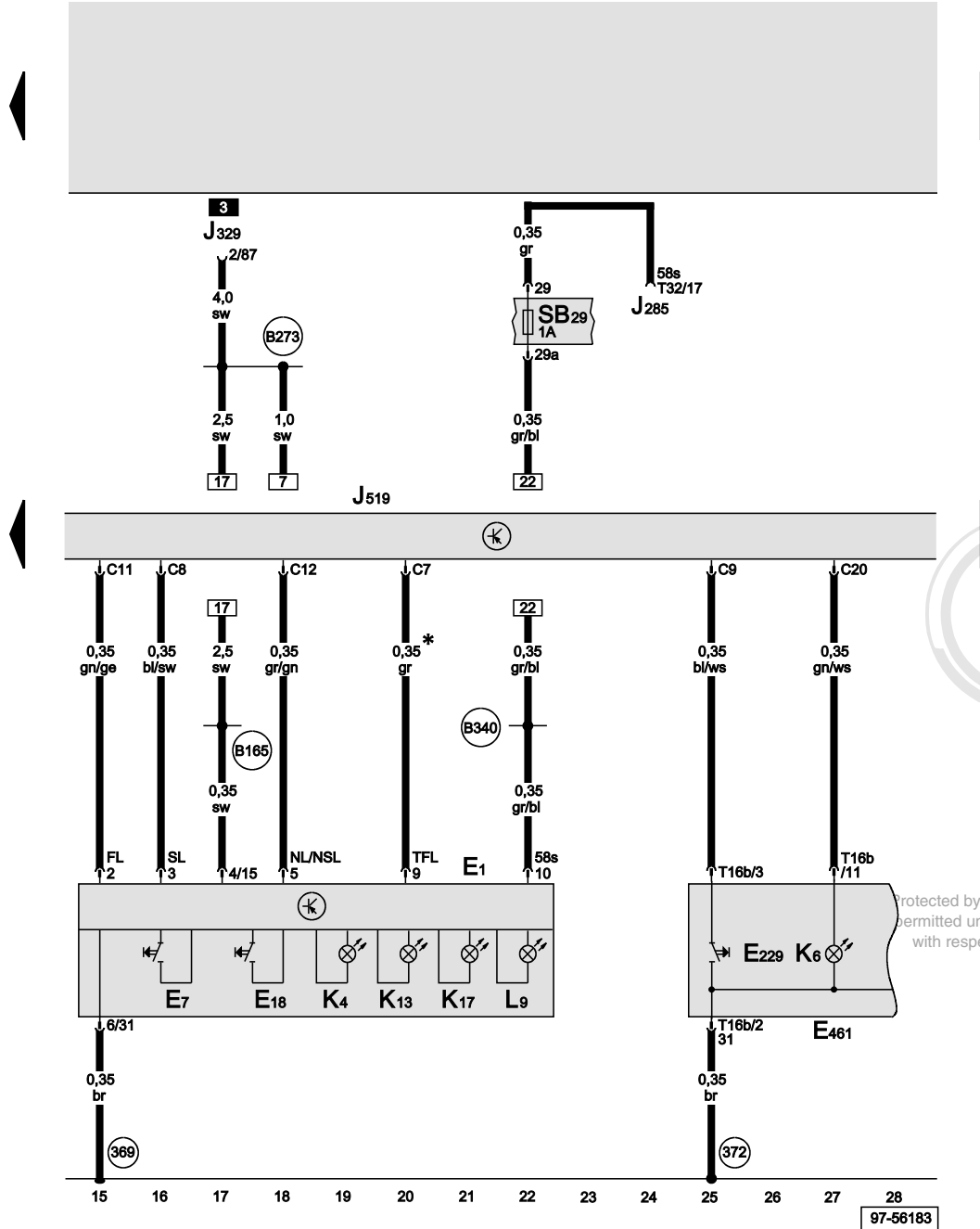
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Onboard power supply control unit, light switch, fog light switch, rear fog light switch, hazard warning lights button

- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- E229 Hazard warning lights button
- E461 Operating unit in front of centre console
- J285 Control unit in dash panel insert
- J329 Terminal 15 voltage supply relay
- J519 Onboard power supply control unit
- K4 Side light warning lamp
- K6 Hazard warning light system warning lamp
- K13 Rear fog light warning lamp
- K17 Fog light warning lamp
- L9 Light switch illumination bulb
- SB29 Fuse 29 on fuse box
- T16b 16-pin connector, black, on operating unit in front of centre console
- T32 32-pin connector, blue, on dash panel insert
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- B165 Positive (+) connection 2 (15), in interior wiring harness
- B273 Positive (+) connection (15), in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B466 Connection 2, in main wiring harness
- \* Models with daytime driving lights



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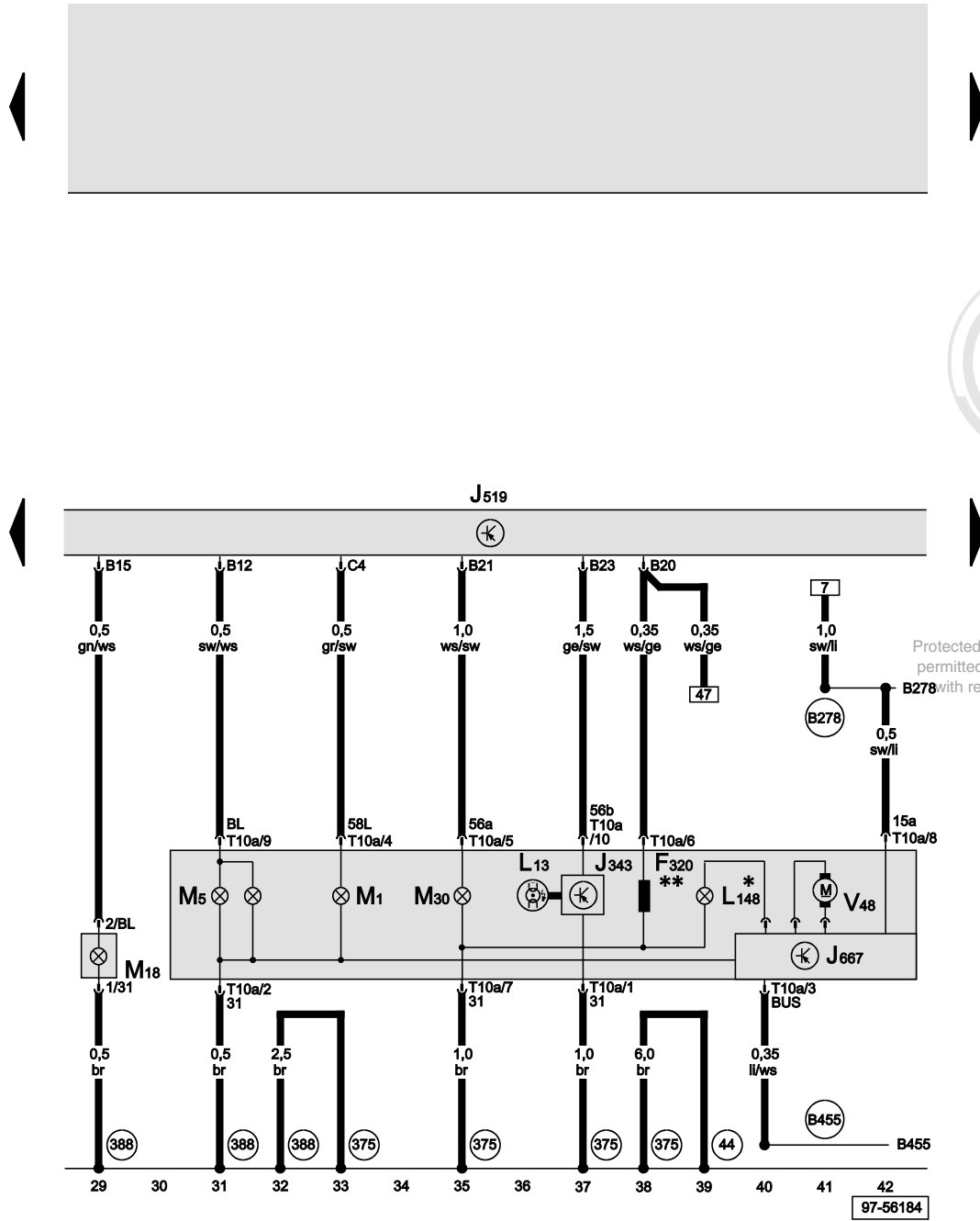
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Onboard power supply control unit, left gas discharge light control unit, power output module for left headlight, left side light bulb, front left turn signal bulb, left main beam bulb, left cornering light bulb

- F320 Bi-xenon solenoid switch (masking)
- J343 Left gas discharge light control unit
- J519 Onboard power supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge bulb
- L148 Left cornering light bulb
- M1 Side light bulb, left
- M5 Turn signal bulb, front left
- M18 Side turn signal bulb, left
- M30 Main beam bulb, left
- T10a 10-pin connector, black, on left headlight
- V48 Headlight range control motor, left

- 44 Earth point, A pillar, bottom left
- 375 Earth connection 10, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B278 Positive (+) connection 2 (15a), in main wiring harness
- B455 Connection (LWR (headlight range control)), in main wiring harness
- \* Models with cornering lights
- \*\* Models with bi-xenon headlights

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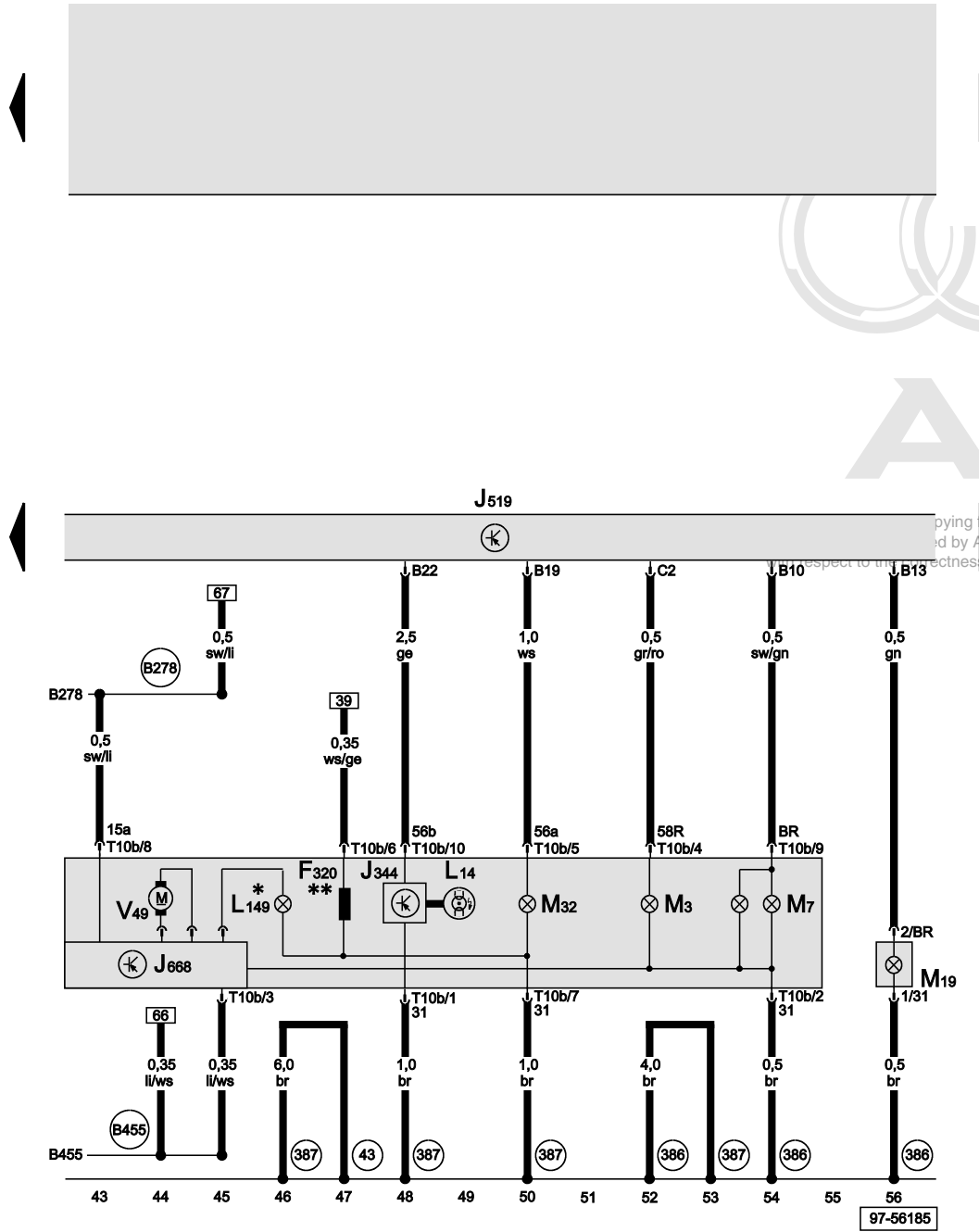
Onboard power supply control unit, right gas discharge light control unit, power output module for right headlight, right cornering light bulb, front right turn signal bulb, right side light bulb, right main beam bulb

- F320 Bi-xenon solenoid switch (masking)
- J344 Right gas discharge light control unit
- J519 Onboard power supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge bulb
- L149 Right cornering light bulb
- M3 Side light bulb, right
- M7 Turn signal bulb, front right
- M19 Side turn signal bulb, right
- M32 Main beam bulb, right
- T10b 10-pin connector, black, on right headlight
- V49 Headlight range control motor, right

- 43 Earth point, A pillar, bottom right
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness

- B278 Positive (+) connection 2 (15a), in main wiring harness
- B455 Connection (LWR (headlight range control)), in main wiring harness
- \* Models with cornering lights
- \*\* Models with bi-xenon headlights

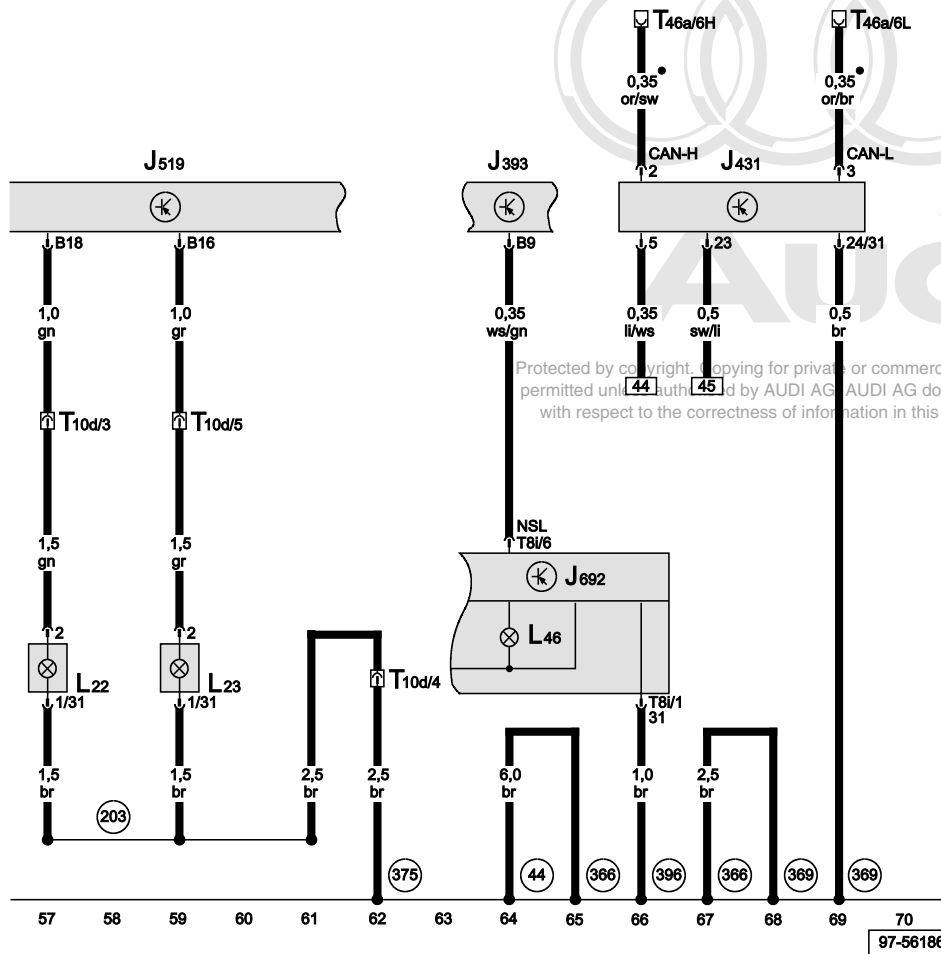
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- bl = blue
- gr = grey
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- ge = yellow
- or = orange
- rs = pink



Onboard power supply control unit, control unit for headlight range control, front left fog light bulb, front right fog light bulb

- J393 Convenience system central control unit
- J431 Headlight range control, control unit
- J519 Onboard power supply control unit
- J692 Tail light control unit for lights on left in rear lid
- L22 Fog light bulb, left
- L23 Fog light bulb, right
- L46 Rear fog light bulb, left
- T8i 8-pin connector, black, connector 2, on left tail light, rear lid
- T10d 10-pin connector, black, in engine compartment, front left
- T46a 46-pin connector, black, CAN separating connector, left

- 44 Earth point, A pillar, bottom left
- 203 Earth connection in front fog light wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- CAN bus (data wire)



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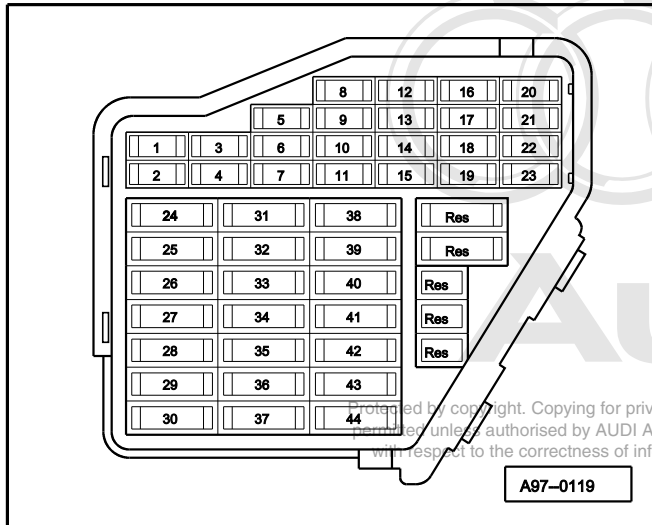
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

97-56186

## Electronic steering column lock

from model year 2005

### Fuse holder, left dash panel



### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

1 A - black

SB - Fuses in fuse holder left dash panel

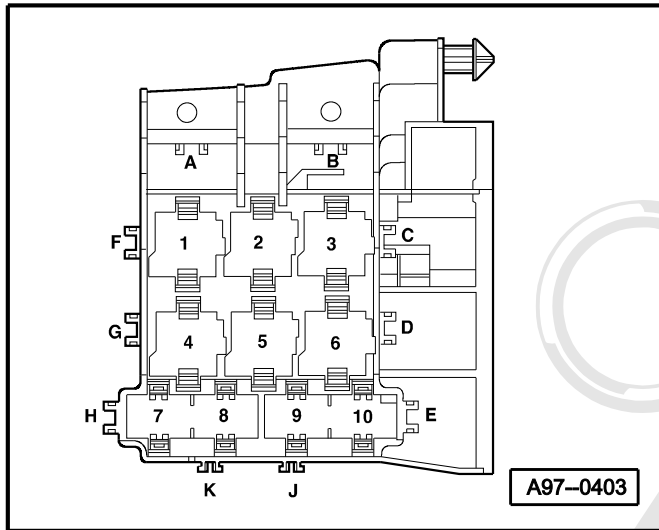
SC - Fuses in fuse holder right dash panel

SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment

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Relay and fuse carrier behind left dash panel



Relay positions

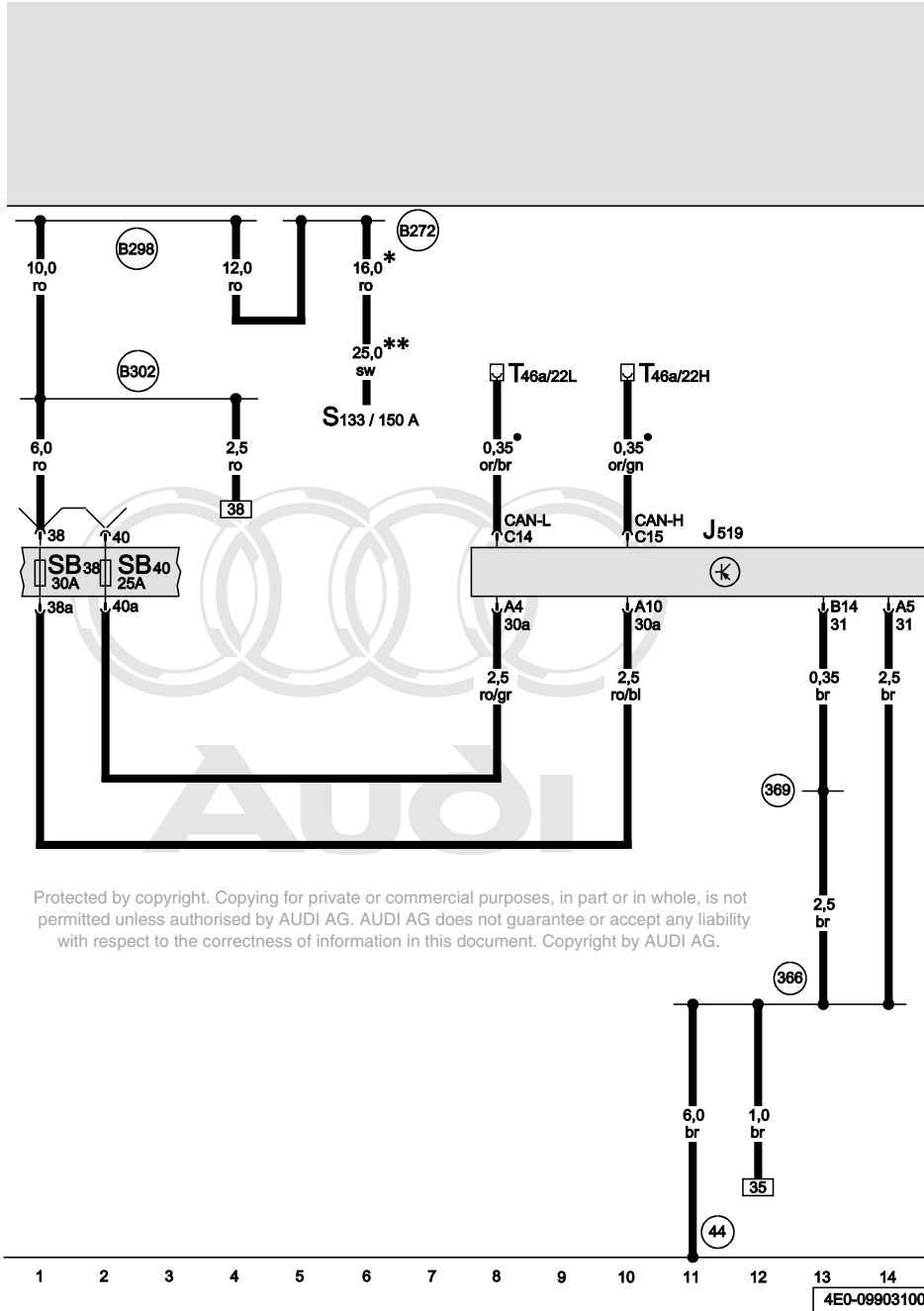
3 - Terminal 15 voltage supply relay (J329)

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Onboard power supply control unit, fuses

- J519 Onboard supply control unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB38 Fuse 38 on fuse holder
- SB40 Fuse 40 on fuse holder
- T46a 46-pin connector, black, CAN separating connector left

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- CAN bus (data wire)
- \* models with petrol engines
- \*\* models with diesel engines



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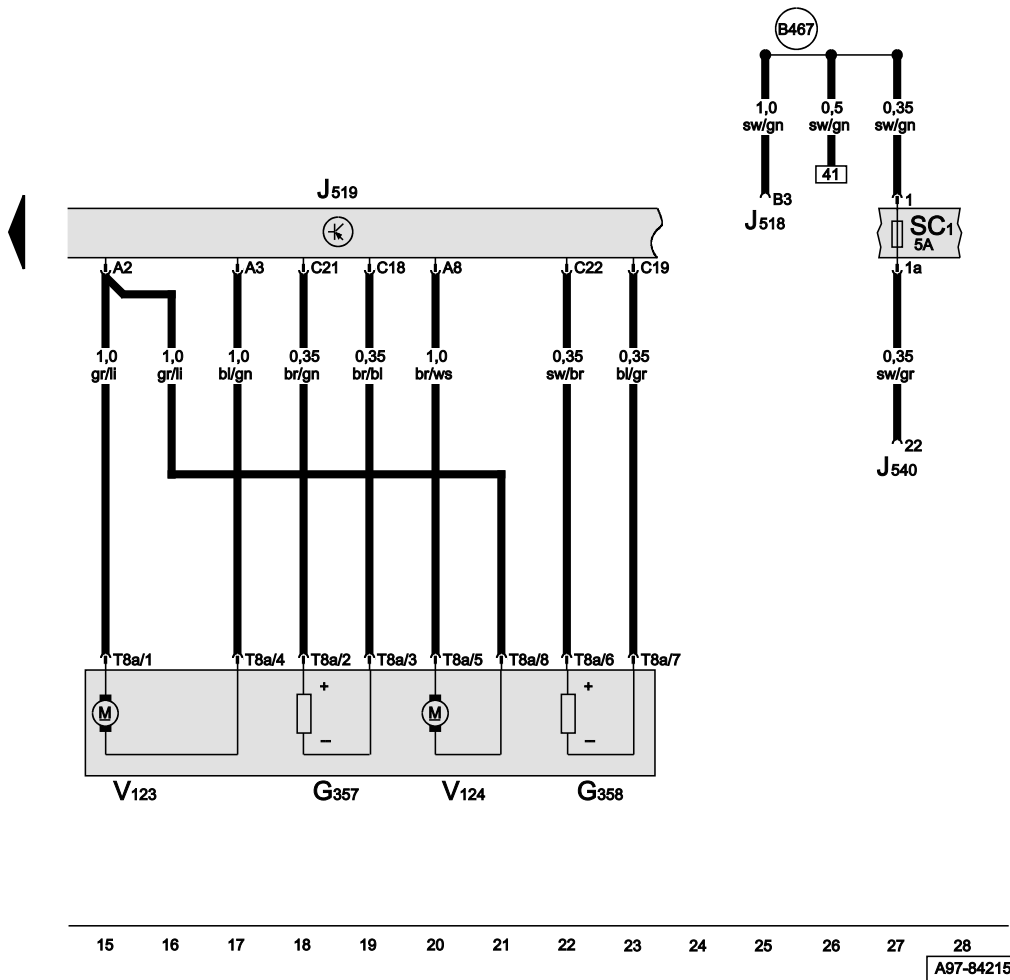
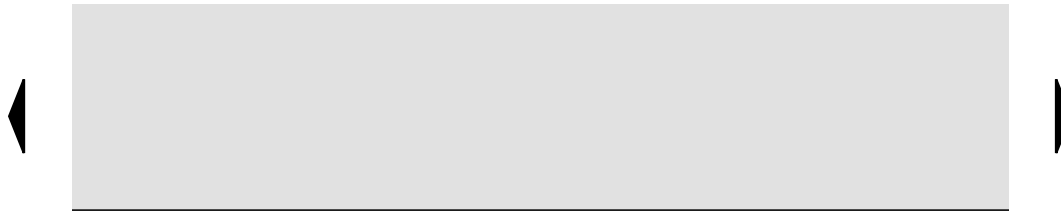
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- gr = grey
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- ge = yellow
- or = orange
- rs = pink

4E0-099031005

Onboard supply control unit, steering column vertical adjustment motor, steering column axial adjustment motor

- G357 Steering column vertical adjustment sender
- G358 Steering column axial adjustment sender
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J540 Electric park and handbrake control unit
- SC1 Fuse 1 on fuse holder
- T8a 8-pin connector, black, relay carrier left dash panel
- V123 Steering column vertical adjustment motor
- V124 Steering column axial adjustment motor

(B467) Connection 3, in main wiring harness



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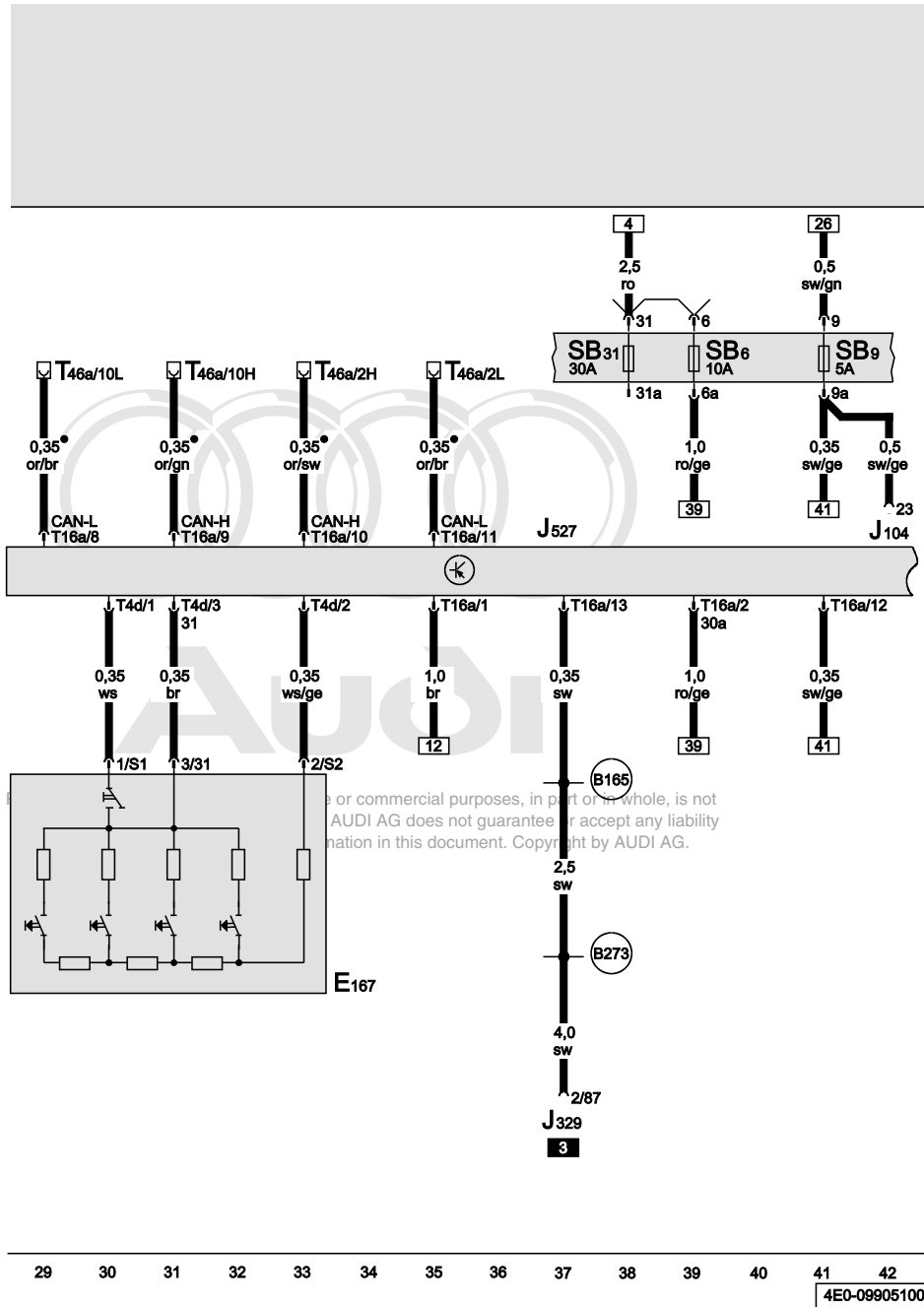
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Steering column electronics control unit, steering column adjustment switch

- E167 Steering column adjustment switch
- J104 ABS control unit
- J329 Terminal 15 voltage supply relay
- J527 Steering column electronics control unit
- SB6 Fuse 6 on fuse holder
- SB9 Fuse 9 on fuse holder
- SB31 Fuse 31 on fuse holder
- T4d 4-pin connector, black, on steering column electronics control unit
- T16a 16-pin connector, on steering column electronics control unit
- T46a 46-pin connector, black, CAN separating connector left

- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
  - CAN bus (data wire)



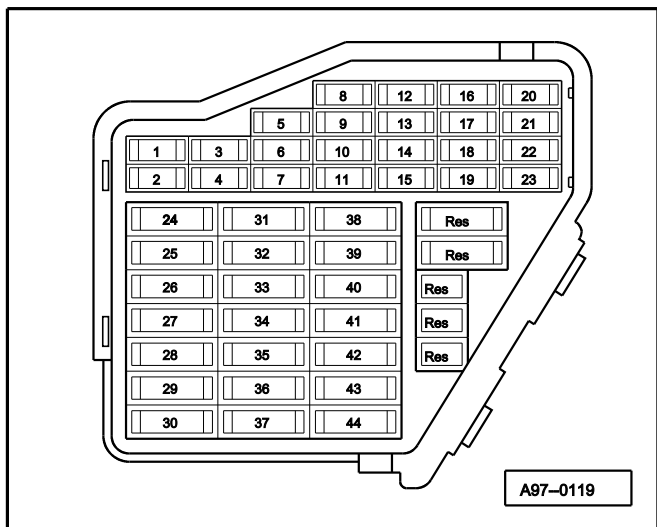
- ws = white
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### Electrical rear roller blind, rear left and right roller blind

from model year 2005

#### Fuse holder, left dash panel



#### Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

1 A - black

SB - Fuses in fuse holder left dash panel

SC - Fuses in fuse holder right dash panel

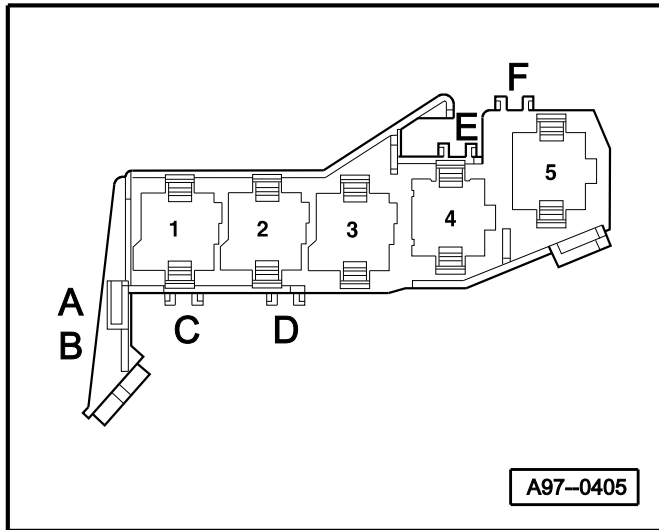
SD - Fuses in fuse holder left in luggage compartment

SF - Fuses in fuse holder right in luggage compartment



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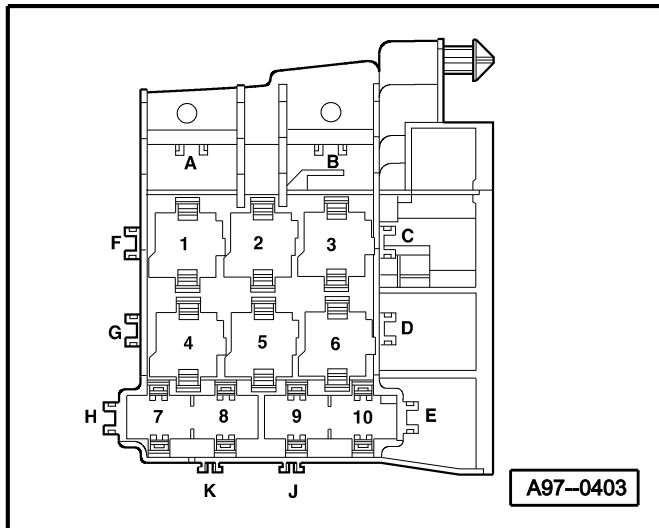
Relay carrier, in front footwell



Relay positions

A - Front passenger side window regulator fuse (S170)

Relay and fuse carrier behind left dash panel



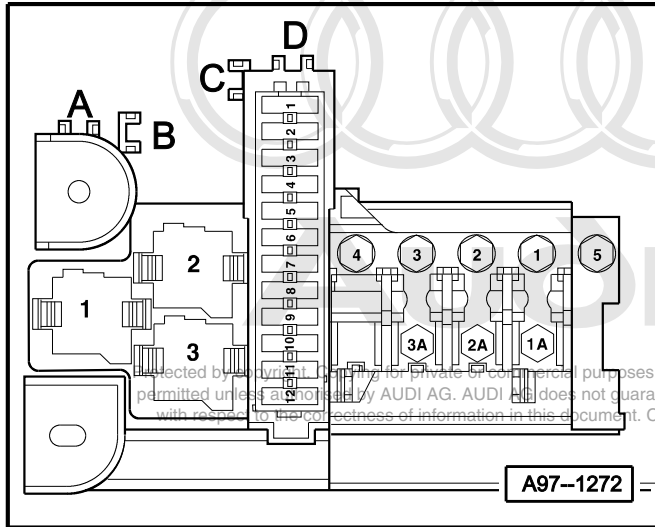
Relay positions



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C - Window regulator thermal fuse (S43)

**Relay and fuse carrier right in luggage compartment**



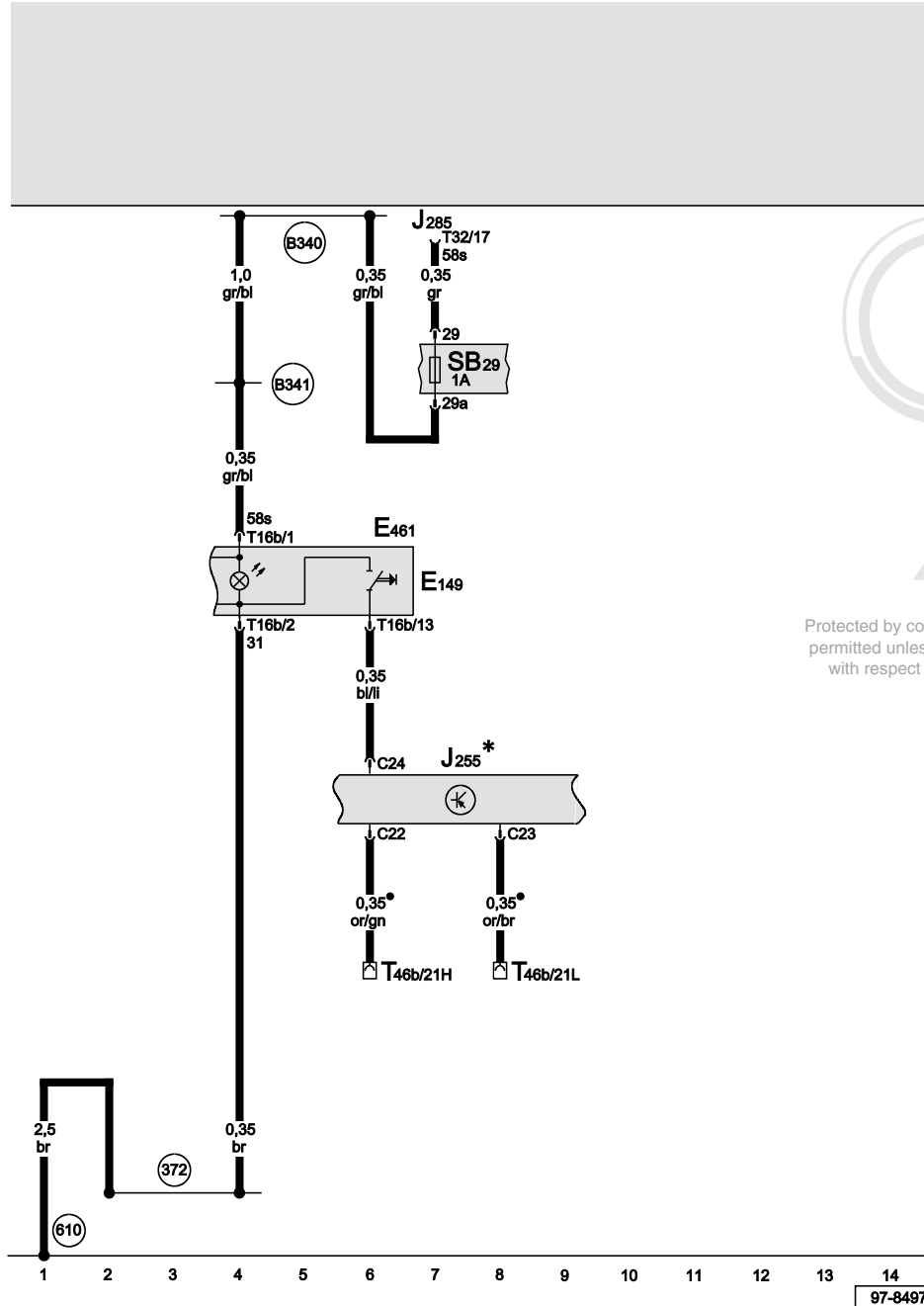
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**Fuse locations**

- 5 - Convenience system central control unit (J393)
- 6 - Convenience system central control unit (J393)

Rear roller blind, rear roller blind switch

- E149 Rear roller blind switch
- E461 Operating unit in front of centre console
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- SB29 Fuse 29 on fuse holder
- T16b 16-pin connector, black, on operating unit in front of centre console
- T32 32-pin connector, blue, on dash panel insert
- T46b 46-pin connector, black, CAN separating connector right
- 372 Earth connection 7, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- CAN bus (data wire)
- \* Front information display and operating unit



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- rs = pink

97-84976

Rear roller blind, rear roller blind motor, fuses

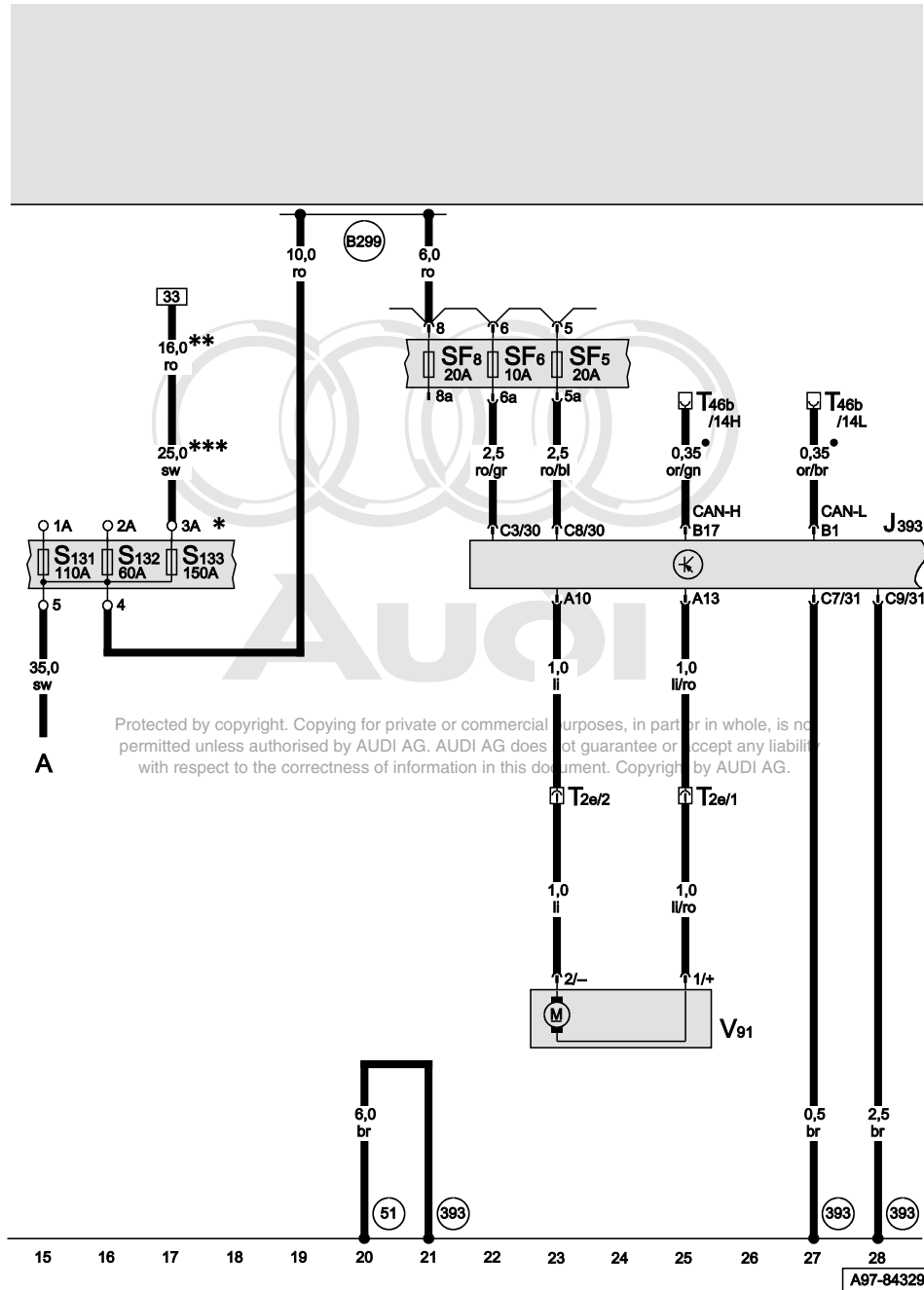
- A Battery
- J393 Convenience system central control unit
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SF5 Fuse 5 on fuse holder
- SF6 Fuse 6 on fuse holder
- SF8 Fuse 8 on fuse holder
- T2e 2-pin connector, black, rear roller blind right of D-pillar
- T46b 46-pin connector, black, CAN separating connector right
- V91 Rear roller blind motor

51 Earth point, on right in luggage compartment

393 Earth connection 28, in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

- CAN bus (data wire)
- \* in luggage compartment, rear left
- \*\* models with petrol engines
- \*\*\* models with diesel engines



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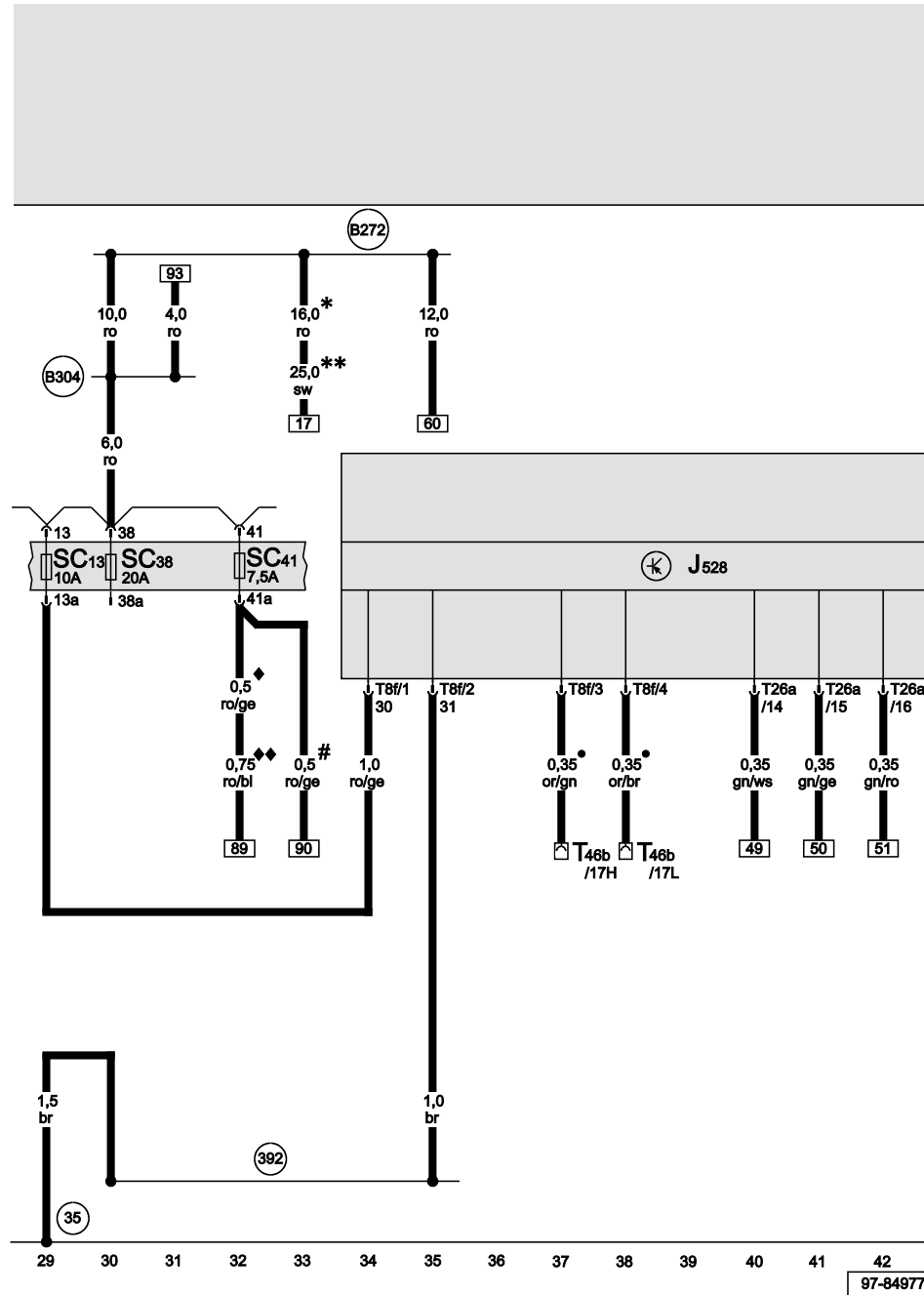
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Roof electronics control unit, fuses

- J528 Roof electronics control unit
- SC13 Fuse 13 on fuse holder
- SC38 Fuse 38 on fuse holder
- SC41 Fuse 41 on fuse holder
- T8f 8-pin connector, black, near front interior light
- T26a 26-pin connector, on front roof console
- T46b 46-pin connector, black, CAN bus separating connector right

- 35 Earth point, under front passenger seat
- 392 Earth connection 27, in main wiring harness
- B272 Positive connection (30), in main wiring harness
- B304 Positive connection 8 (30), in main wiring harness
- CAN bus (data wire)
- \* models with petrol engines
- \*\* models with diesel engines
- # is dropped, from model year 2006
- ◆ up to model year 2005
- ◆◆ from model year 2006

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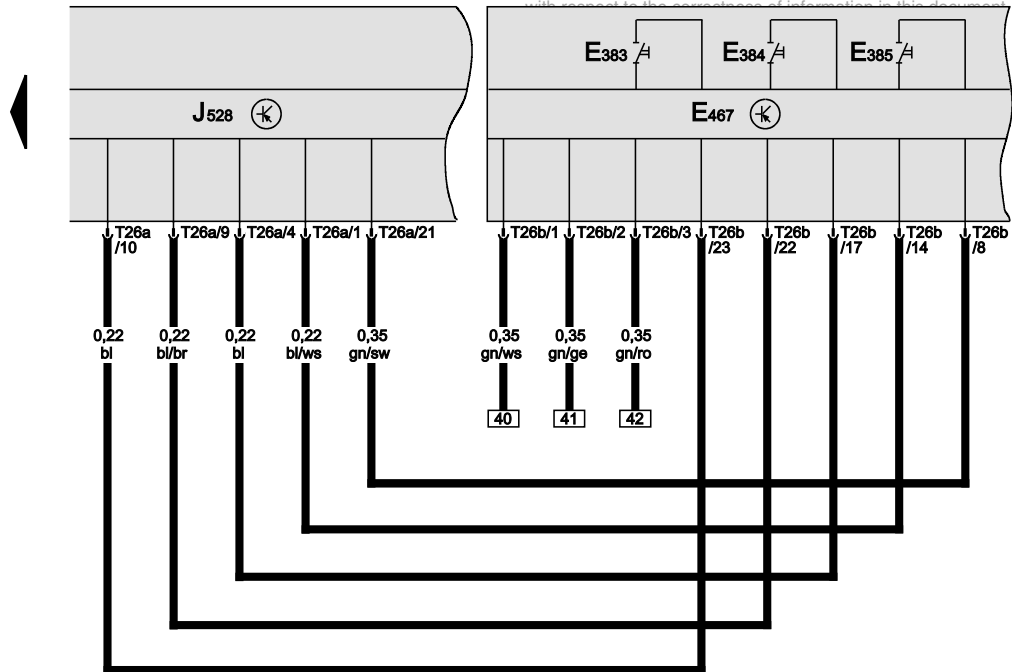
97-84977

Roof electronics control unit, rear operating unit for roof module, rear switch for rear roller blind

- E383 Rear left roller blind button
- E384 Rear right roller blind button
- E385 Rear switch for rear roller blind
- E467 Rear operating unit for roof module
- J528 Roof electronics control unit
- T26a 26-pin connector, on front roof console
- T26b 26-pin connector, on rear roof console



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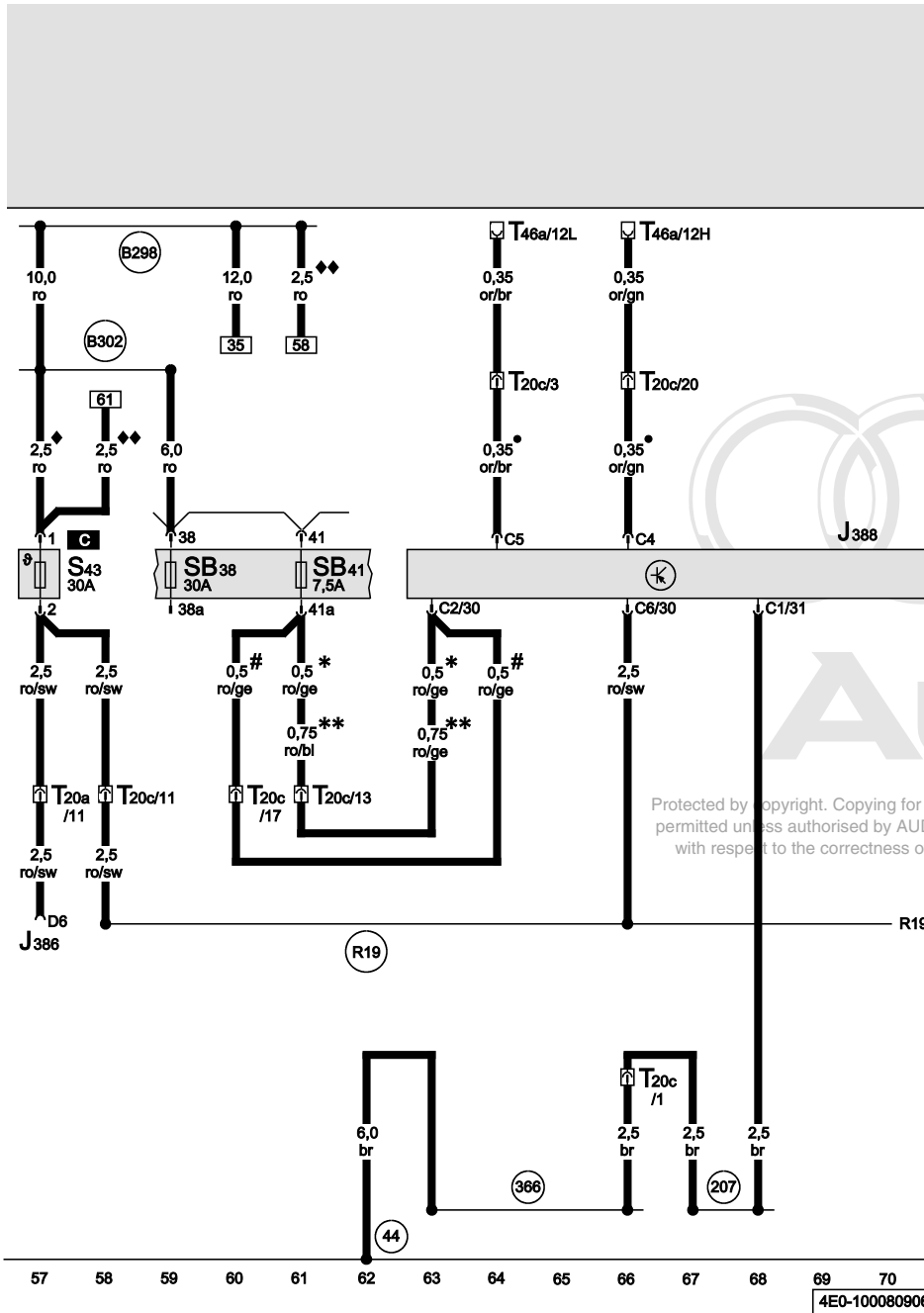
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- ge = yellow
- or = orange
- rs = pink



Rear left door control unit, window regulator thermal fuse

- J386 Driver door control unit
- J388 Rear left door control unit
- S43 Rear window regulator thermal fuse
- SB38 Fuse 38 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- T20a 20-pin connector, black, left A-pillar
- T20c 20-pin connector, black, left B-pillar
- T46a 46-pin connector, black, CAN bus separating connector left

- 44 Earth point, lower part of left A-pillar
- 207 Earth connection, in rear left door wiring harness
- 366 Earth connection 1, in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- R19 Positive connection 1 (30), in rear left door wiring harness
- CAN bus (data wire)
- \* up to model year 2005
- \*\* from model year 2006
- # is dropped, from model year 2006
- ◆ up to October 2006
- ◆◆ from November 2006



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4E0-100080906

Rear left door control unit, rear right door control unit, side roller blind control unit

- J388 Rear left door control unit
- J389 Rear right door control unit
- J765 Rear left side roller blind control unit
- J766 Rear right side roller blind control unit
- V332 Rear left side roller blind motor
- V333 Rear right side roller blind motor

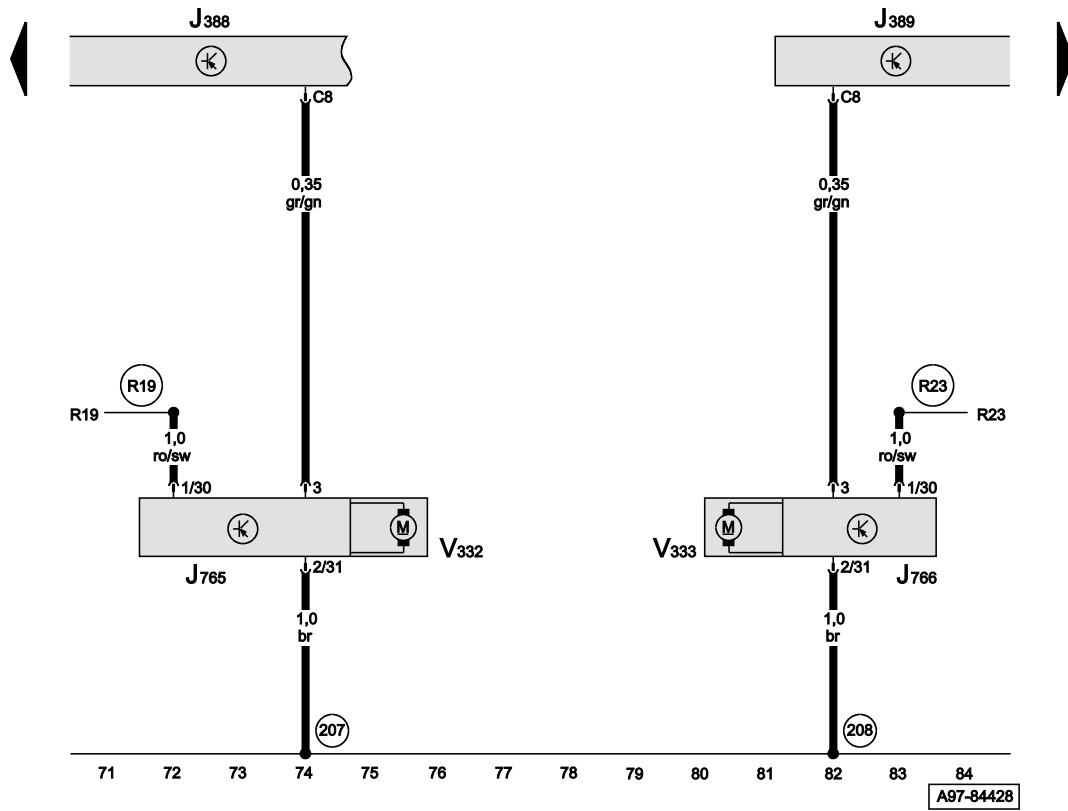
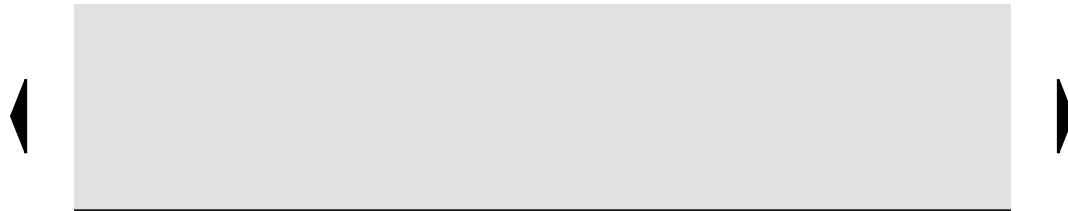
207 Earth connection, in rear left door wiring harness

208 Earth connection, in rear right door wiring harness

R19 Positive connection 1 (30), in rear left door wiring harness

R23 Positive connection 1 (30), in rear right door wiring harness

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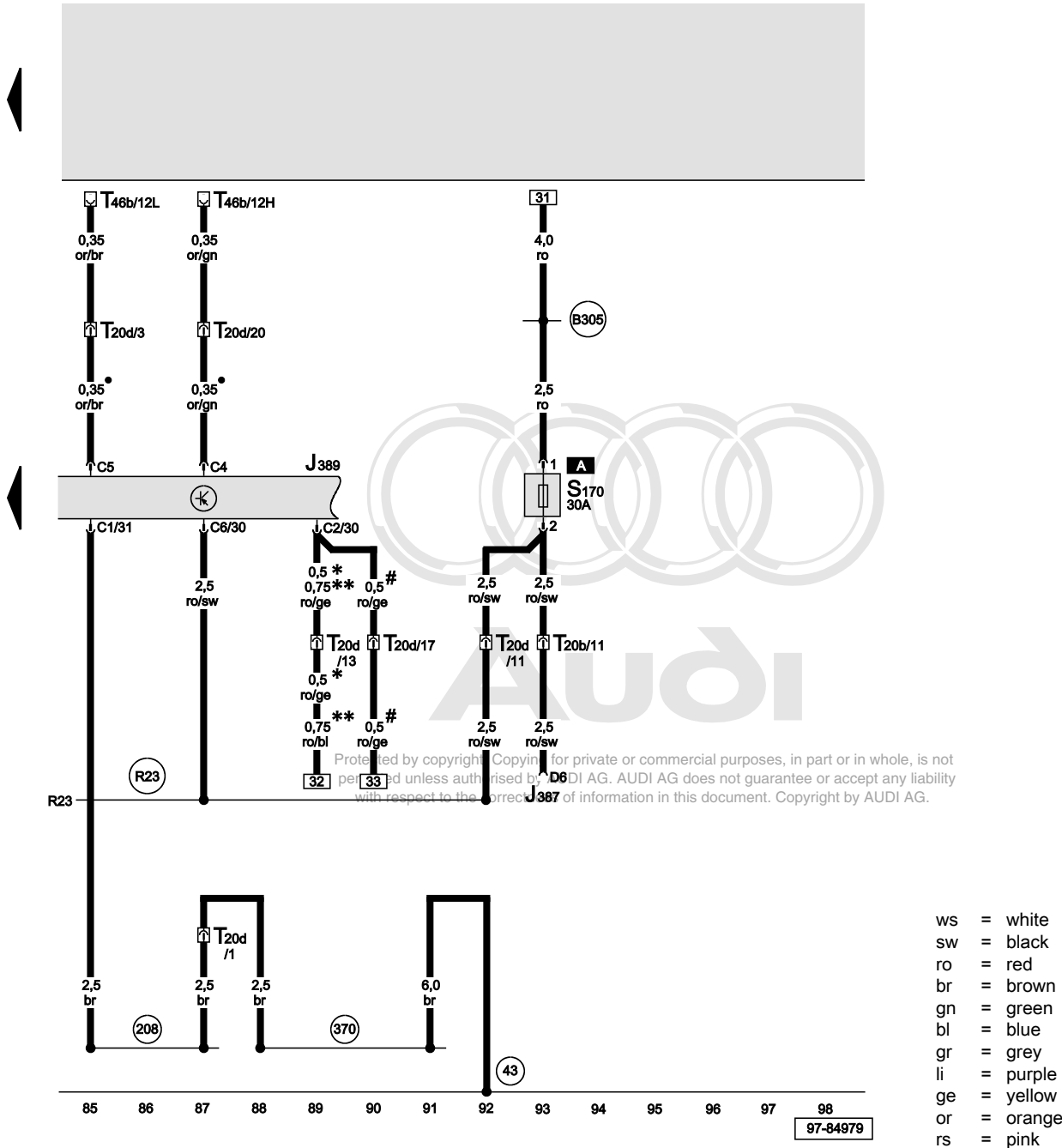
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- rs = pink

A97-84428

Rear right door control unit, front passenger side window regulator fuse

- J387 Front passenger door control unit
- J389 Rear right door control unit
- S170 Front passenger side window regulator fuse
- T20b 20-pin connector, black, right A-pillar
- T20d 20-pin connector, black, right B-pillar
- T46b 46-pin connector, black, CAN bus separating connector right

- 43 Earth point, lower part of right A-pillar
  - 208 Earth connection, in rear right door wiring harness
  - 370 Earth connection 5, in main wiring harness
  - B305 Positive connection 9 (30), in main wiring harness
  - R23 Positive connection 1 (30), in rear right door wiring harness
- CAN bus (data wire)
  - \* up to model year 2005
  - \*\* from model year 2006
  - # is dropped, from model year 2006



### Communication

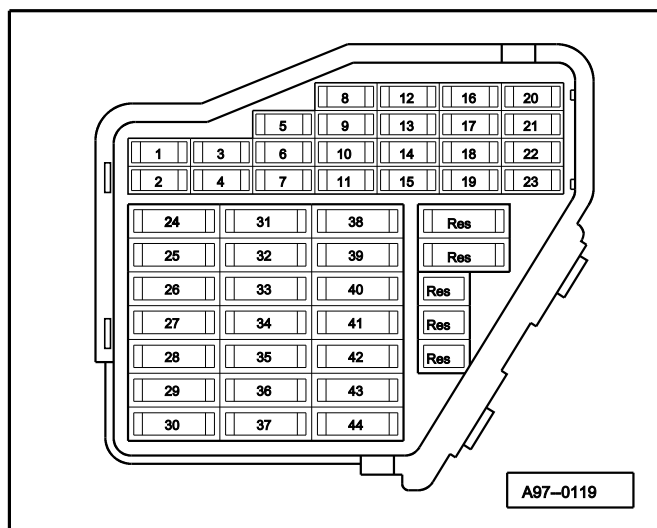
- ⇒ Multimedia system operating unit
- ⇒ CD changer
- ⇒ Digital radio, radio (K-box)
- ⇒ Loudspeaker system Bose
- ⇒ Navigation system
- ⇒ Telephone
- ⇒ TV tuner

from model year 2005

### Fuse holder, left dash panel



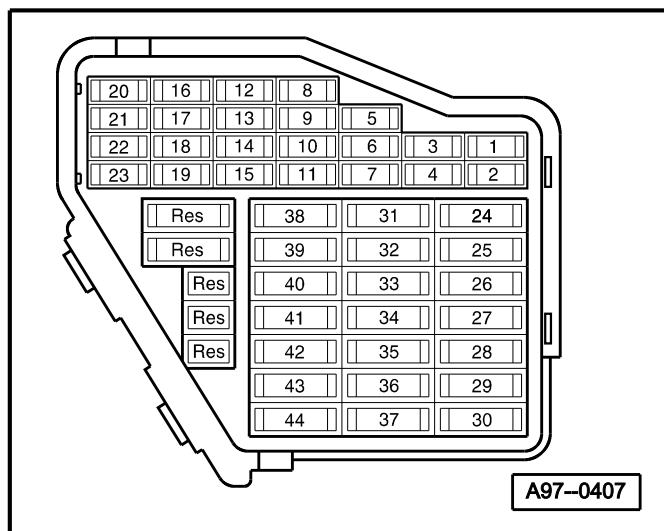
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### Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 1 A - black

Fuse holder right dash panel

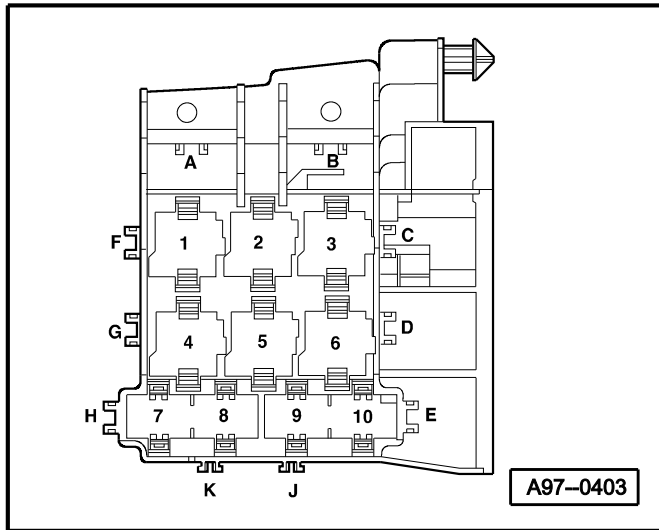


- SB - Fuses in fuse holder left dash panel
- SC - Fuses in fuse holder right dash panel
- SD - Fuses in fuse holder left in luggage compartment
- SF - Fuses in fuse holder right in luggage compartment



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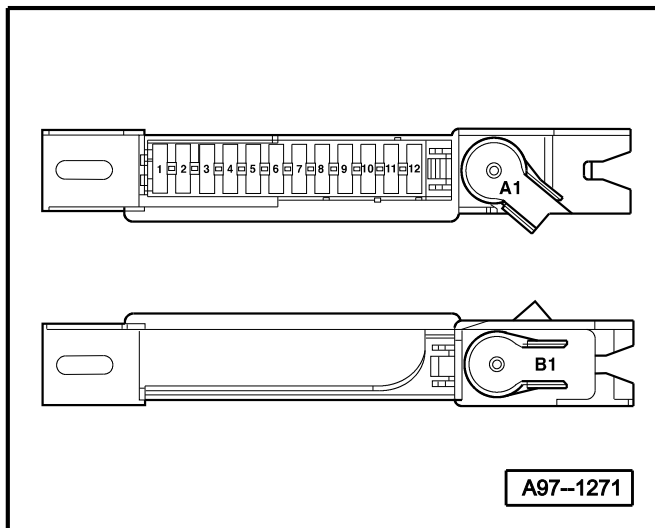
Relay and fuse carrier behind left dash panel



Relay positions

3 - Terminal 15 voltage supply relay (J329)

Fuse holder on left in luggage compartment



Fuse locations



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- 5 - Digital sound package control unit (J525)
- 6 - Navigation system with CD drive control unit (J401)
- 7 - TV tuner (R78)
- 9 - Radio (K-box) (R), digital radio (R147)
- 10 - Subwoofer in rear shelf (R148)
- A1 - Terminal 30 screw point (battery)
- B1 - Terminal 30 screw point



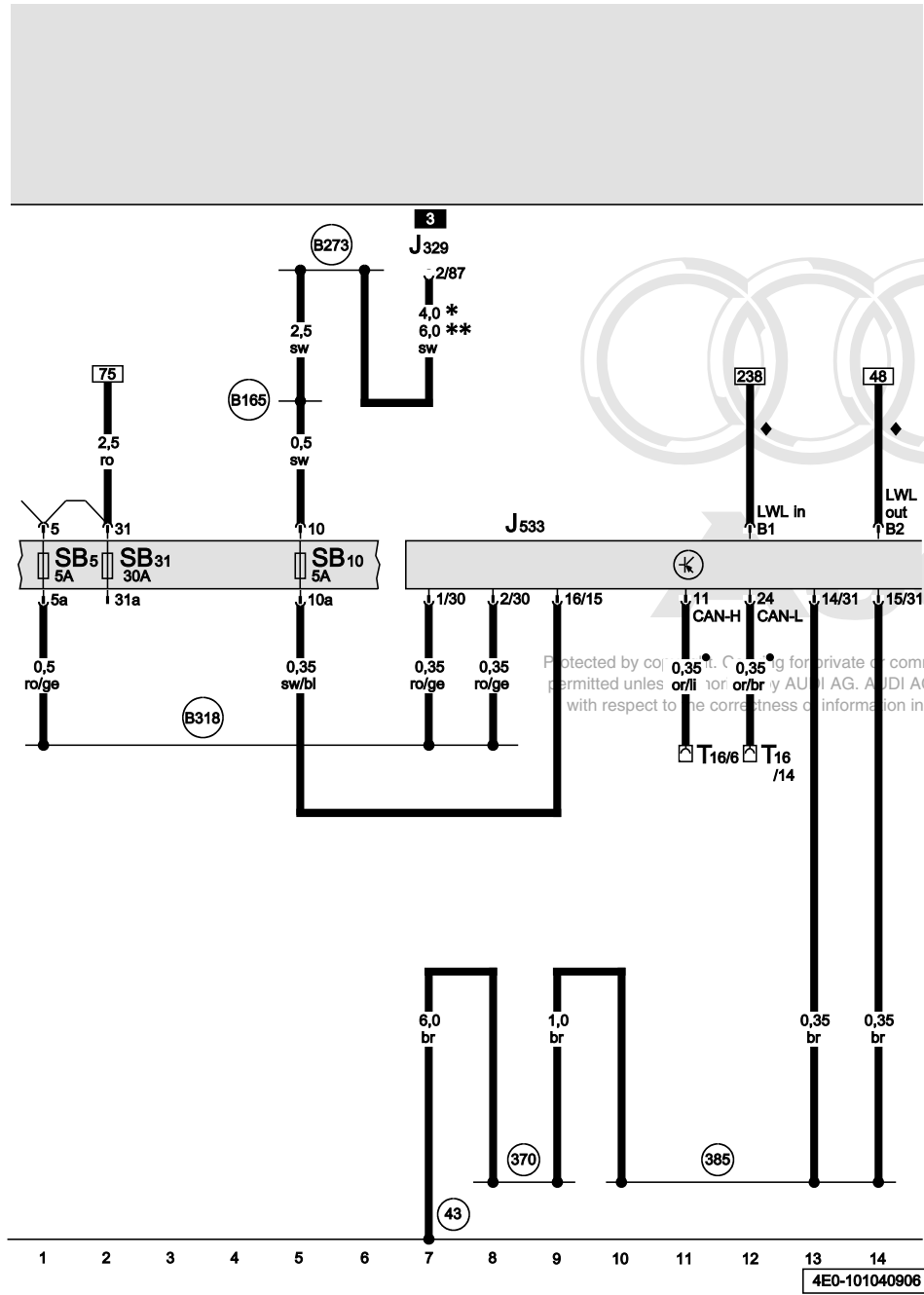
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Data bus diagnostic interface, fuses

- J329 Terminal 15 voltage supply relay
- J533 Data bus diagnostic interface
- SB5 Fuse 5 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T16 16-pin connector, black, diagnostic connection

- 43 Earth point, lower part of right A-pillar
- 370 Earth connection 5, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- B165 Positive connection 2 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B318 Positive connection 4 (30a), in main wiring harness

- CAN bus (data wire)
- \* up to April 2006
- \*\* from May 2006
- ◆ Fibre optic conductor, see Current Flow Diagram infotainment data bus (Most Ring)



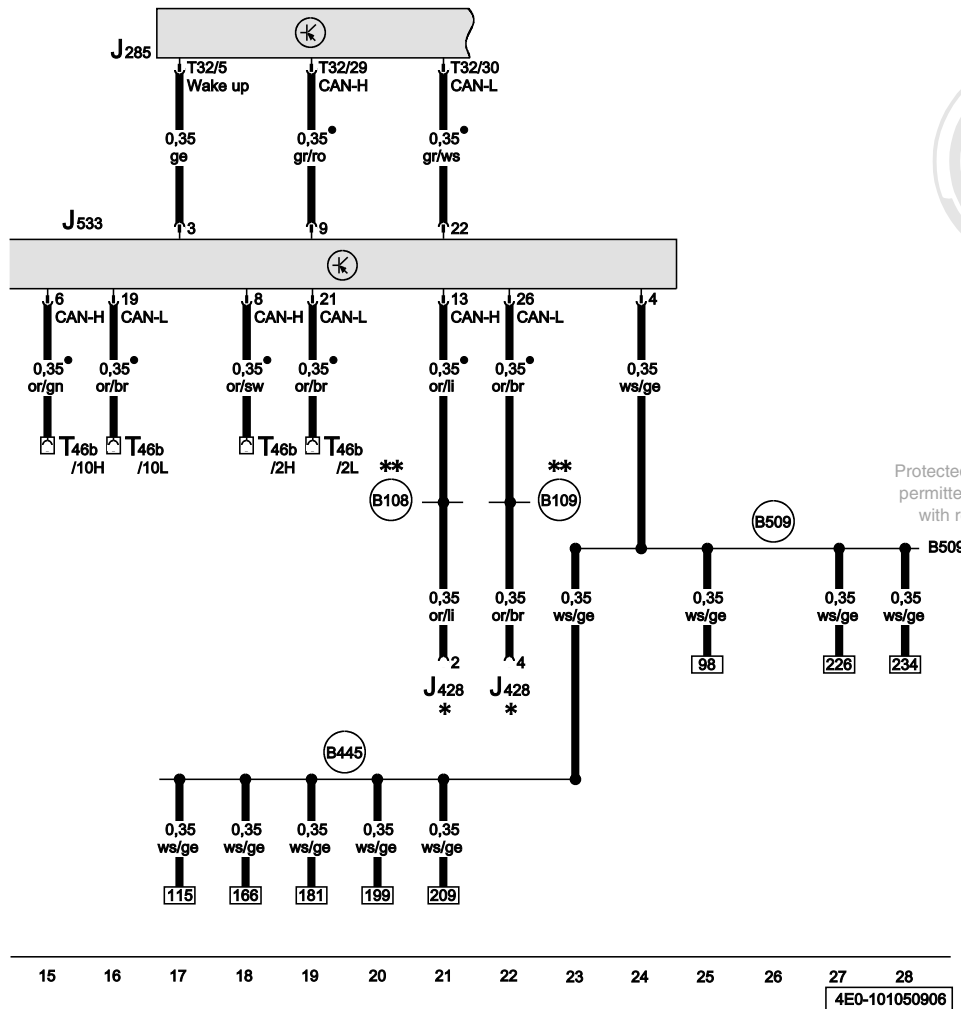
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- rs = pink

4E0-101040906



Data bus diagnostic interface, control unit in dash panel insert

- J285 Control unit in dash panel insert
- J428 Adaptive cruise control unit
- J533 Data bus diagnostic interface
- T32 32-pin connector, blue, on dash panel insert
- T46b 46-pin connector, black, CAN separating connector right
- (B108) Connection 1 (CAN-Bus Extended High), in main wiring harness
- (B109) Connection 1 (CAN-Bus Extended Low), in main wiring harness
- (B445) Connection 2 (diagnosis), in main wiring harness (ring brake diagnosis)
- (B509) Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
- CAN bus (data wire)
- \* models with adaptive cruise
- \*\* from November 2006



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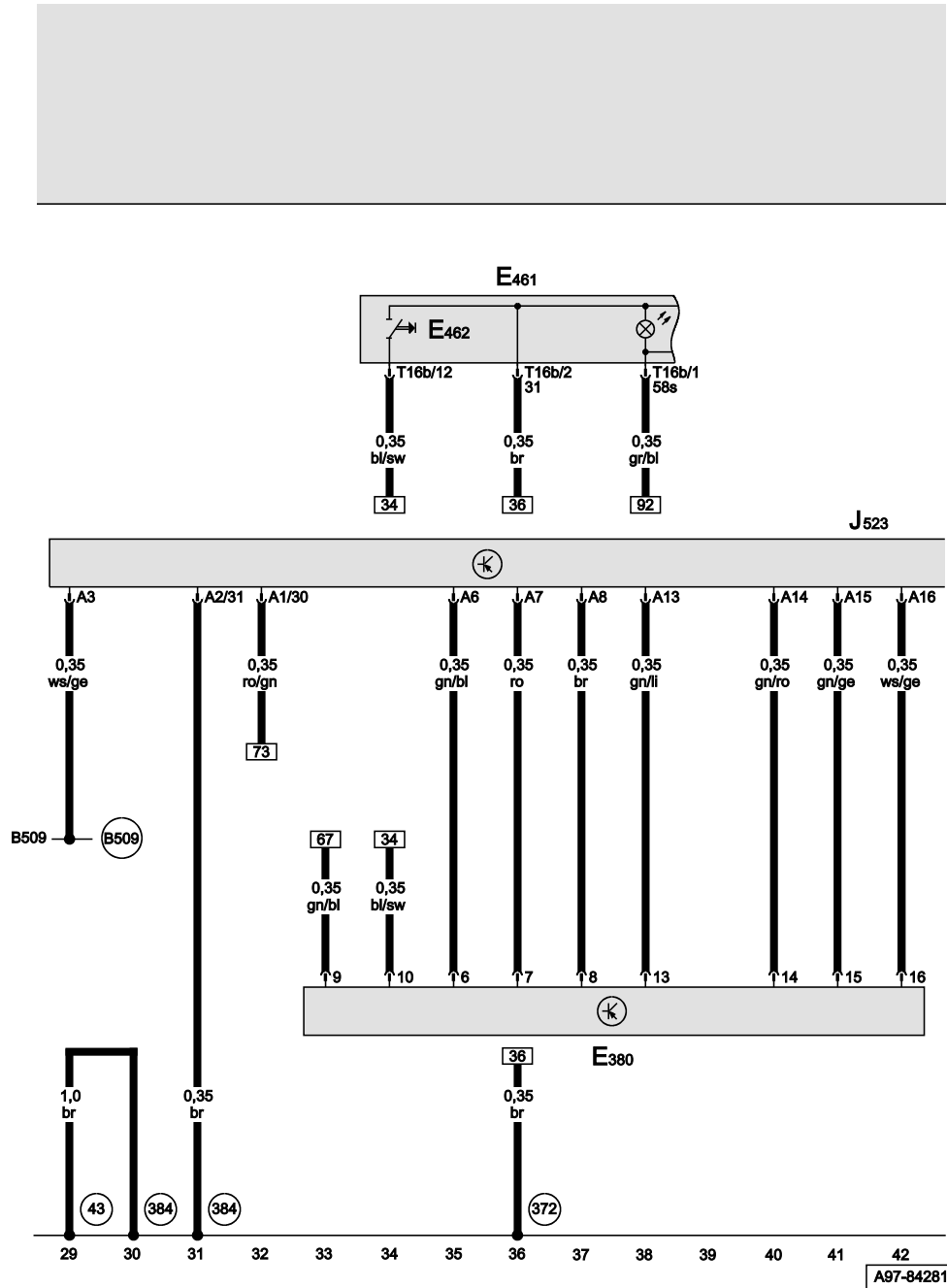
Front information display and operating unit control unit, multimedia system operating unit, open and close button for front display

- E380 Multimedia system operating unit
- E461 Operating unit in front of centre console
- E462 Open and close button for front display
- J523 Front information display and operating unit control unit
- T16b 16-pin connector, black, on operating unit in front of centre console

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- B509 Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
  - CAN bus (data wire)



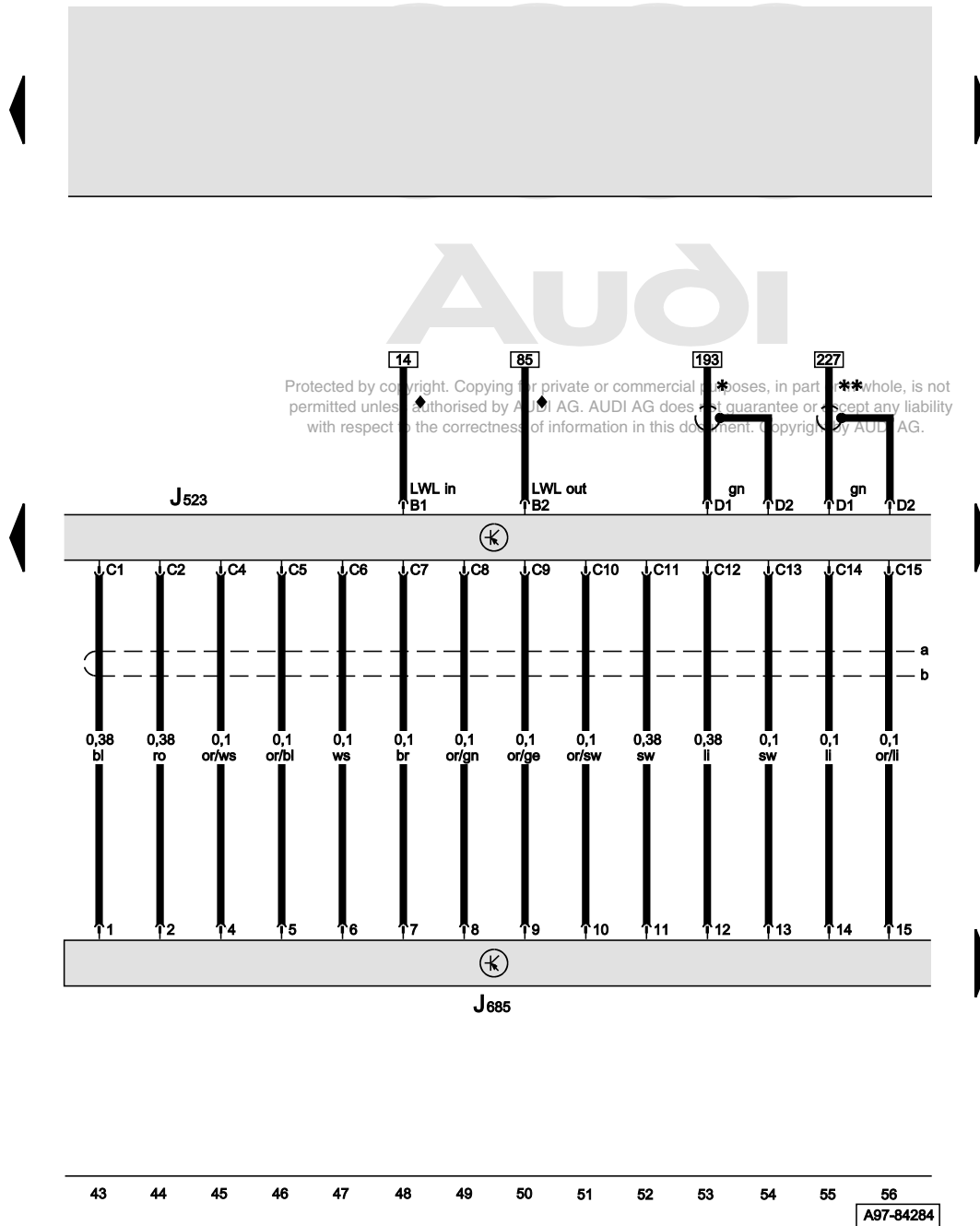
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Front information display and operating unit control unit,  
display unit for front information display and operating unit  
control unit

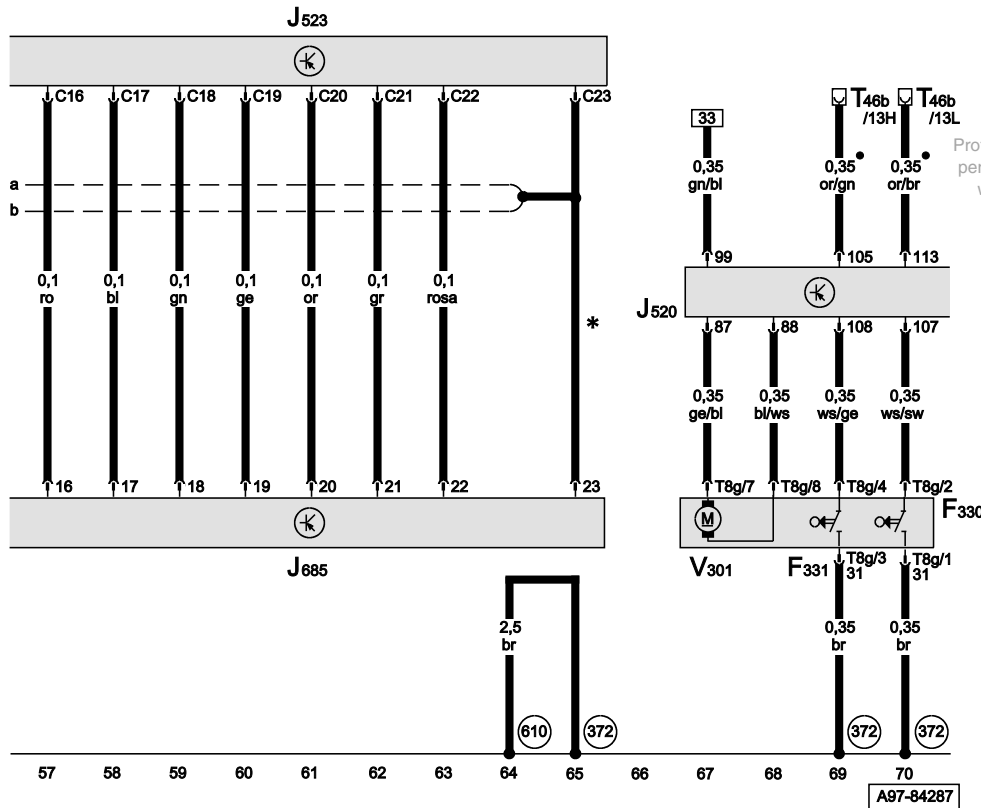
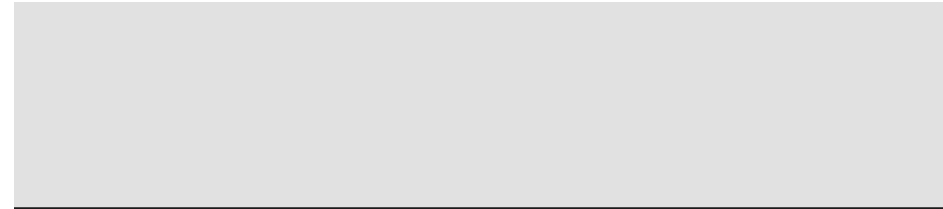
- J523 Front information display and operating unit control unit
- J685 Display unit for front information display and operating unit control unit
- \* without video recorder, DVD player
- \*\* with video recorder, DVD player
- ◆ fibre optic conductor



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- rs = pink

Front information display and operating unit control unit, display unit for front information display and operating unit control unit, open and close display motor

- F330 Open display limit switch
- F331 Close display limit switch
- J520 Onboard supply control unit 2
- J523 Front information display and operating unit control unit
- J685 Display unit for front information display and operating unit control unit
- T8g 8-pin connector, on display
- T46b 46-pin connector, black, CAN bus separating connector right
- V301 Open and close display motor
- 372 Earth connection 7, in main wiring harness
- 610 Earth point (audio), under centre console, front
  - CAN bus (data wire)
  - \* screening on connector housing



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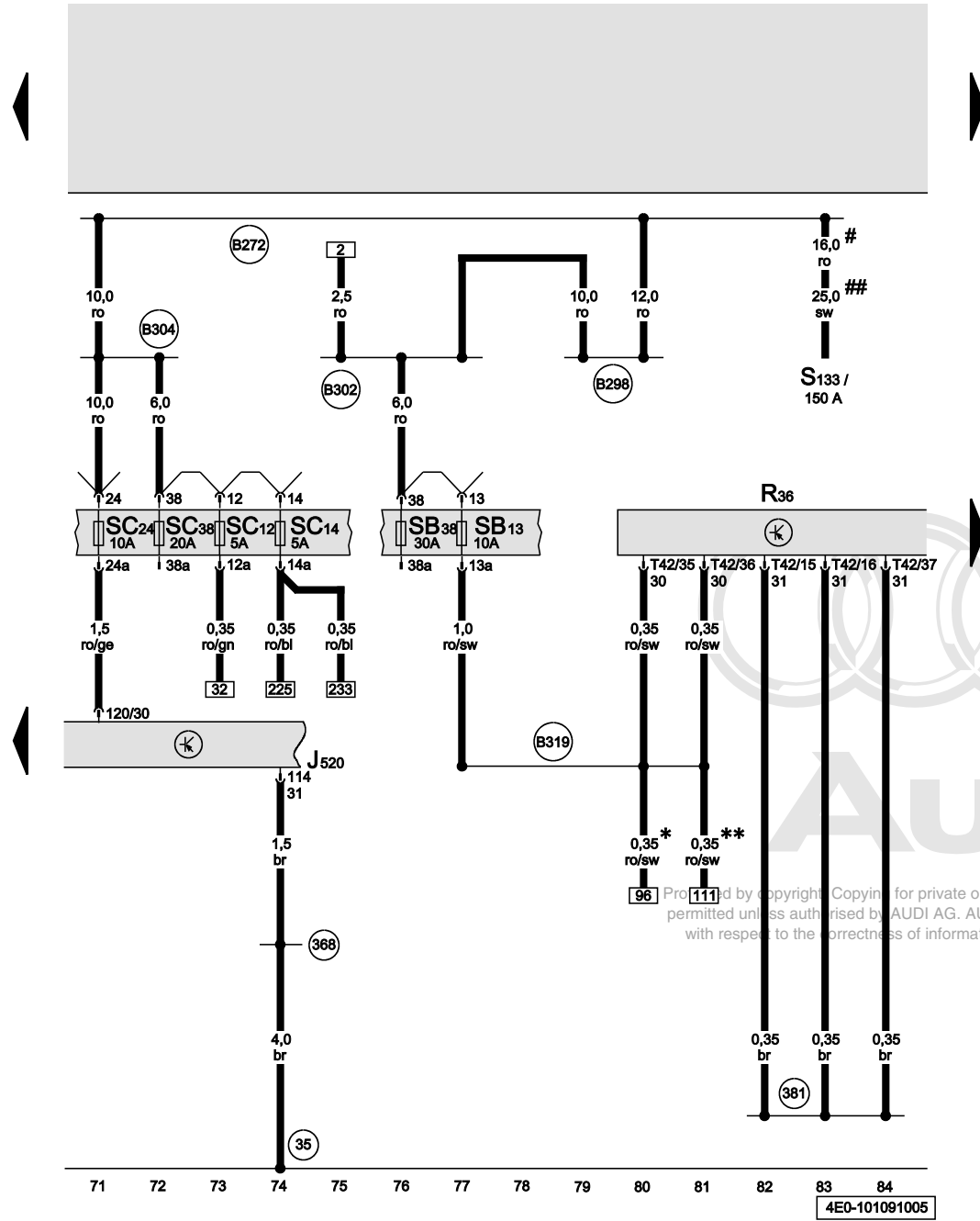
Telephone transmitter and receiver unit, onboard supply control unit 2, fuses

- J520 Onboard supply control unit 2
- R36 Telephone transmitter and receiver unit
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SB13 Fuse 13 on fuse holder
- SB38 Fuse 38 on fuse holder
- SC12 Fuse 12 on fuse holder
- SC14 Fuse 14 on fuse holder
- SC24 Fuse 24 on fuse holder
- SC38 Fuse 38 on fuse holder
- T42 42-pin connector, on telephone transmitter and receiver unit

- (35) Earth point, under front passenger seat
- (368) Earth connection 3, in main wiring harness
- (381) Earth connection 16, in main wiring harness
- (B272) Positive connection (30), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- (B304) Positive connection 8 (30), in main wiring harness
- (B319) Positive connection 5 (30a), in main wiring harness

- CAN bus (data wire)
- \* models with chip card reader for telephone in storage compartment
- \*\* Models with telephone handset in the front centre armrest
- # models with petrol engines
- ## models with diesel engines

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- br = brown
- gn = green
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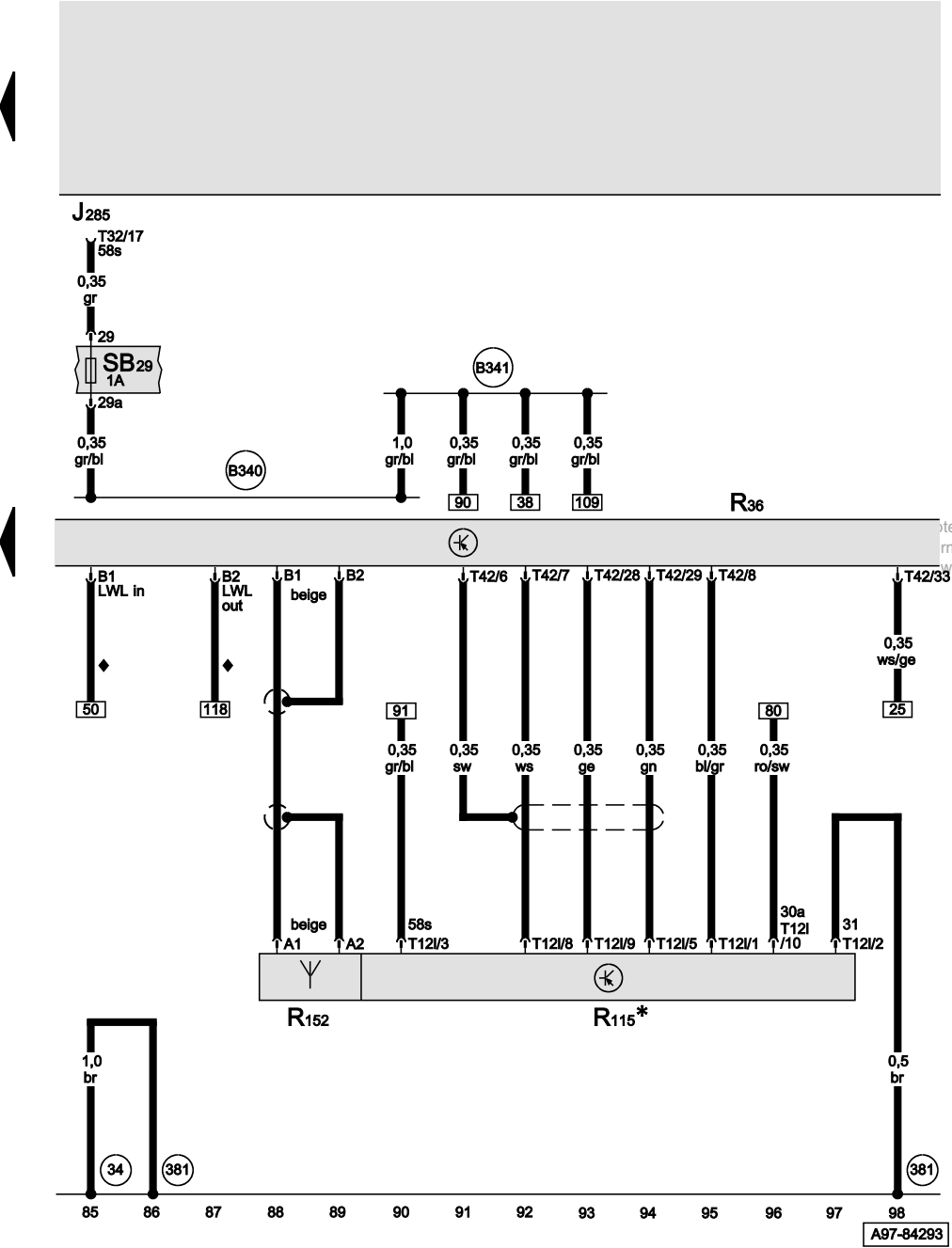
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4E0-101091005

Telephone transmitter and receiver unit, aerial for Bluetooth, chip card reader for telephone

- J285 Control unit in dash panel insert
- R36 Telephone transmitter and receiver unit
- R115 Chip card reader for telephone
- R152 Aerial for Bluetooth
- SB29 Fuse 29 on fuse holder
- T12l 12-pin connector, on chip card reader for telephone
- T32 32-pin connector, blue, on dash panel insert
- T42 42-pin connector, on telephone transmitter and receiver unit

- 34 Earth point, under driver seat
- 381 Earth connection 16, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness



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◆ fibre optic conductor models with chip card reader for telephone in storage compartment

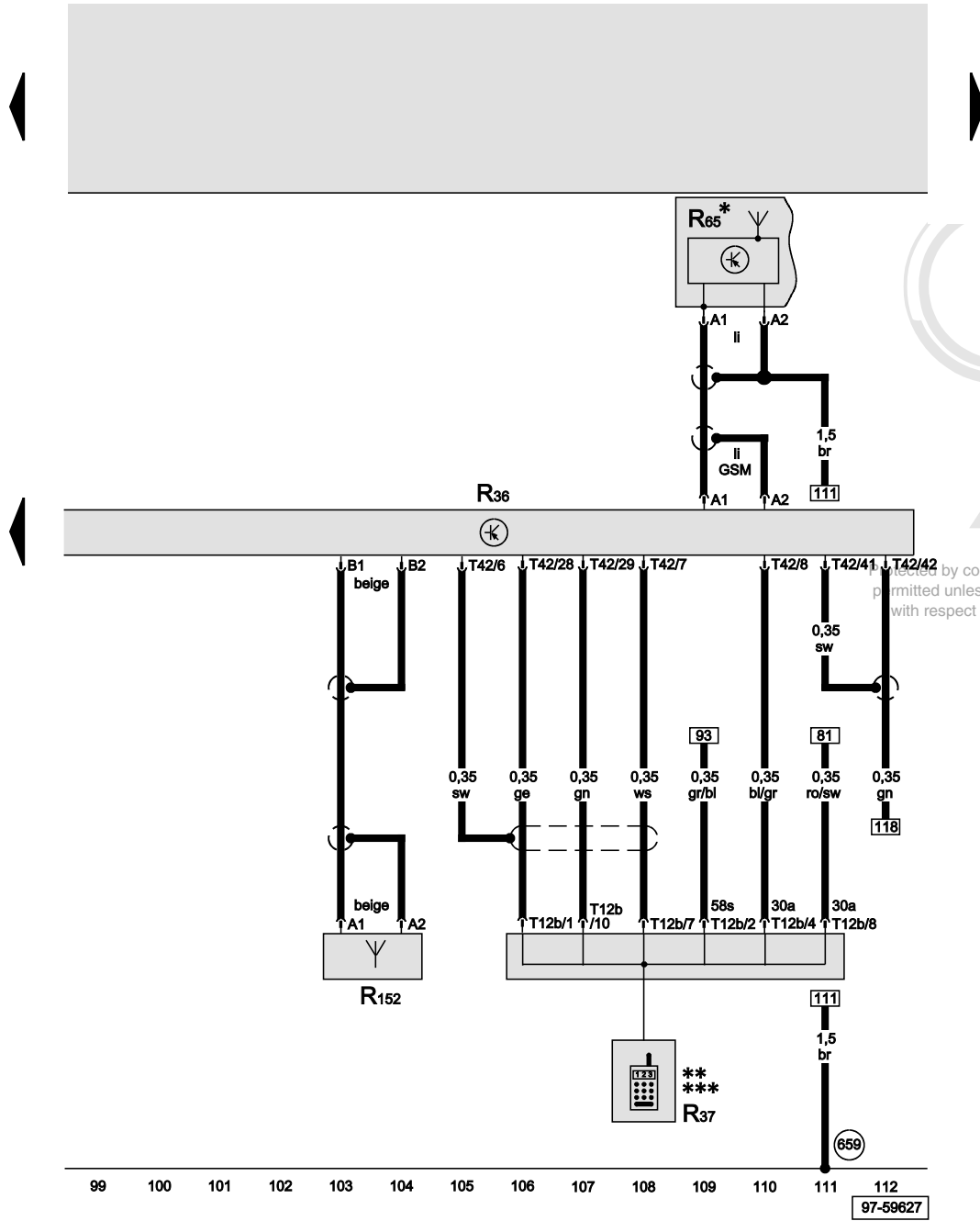
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Telephone transmitter and receiver unit, telephone handset, aerial for Bluetooth, telephone aerial

- R36 Telephone transmitter and receiver unit
- R37 Telephone handset
- R65 Telephone aerial
- R152 Aerial for Bluetooth
- T12b 12-pin connector, on telephone handset
- T42 42-pin connector, on telephone transmitter and receiver unit

659 Earth point 1, on right near rear window

- ◆ fibre optic conductor
- \* roof aerial
- \*\* Models with telephone handset in the front centre armrest
- \*\*\* with map reading light bulb



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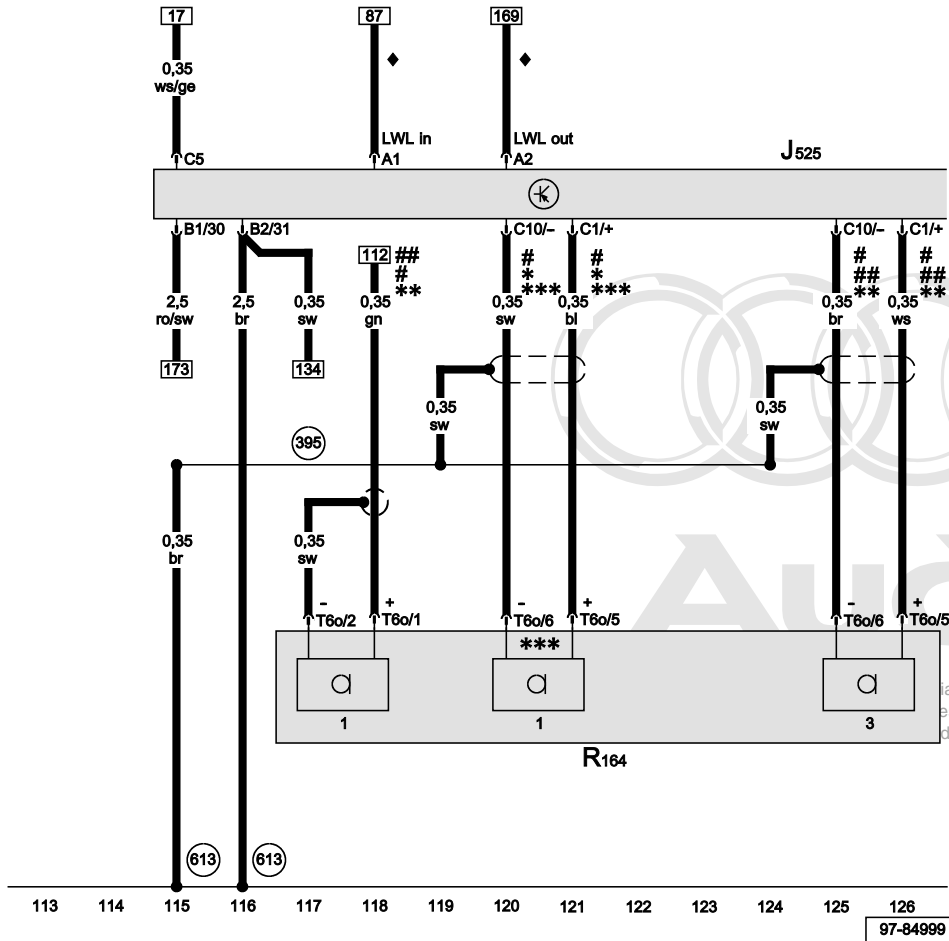
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Digital sound package control unit, microphone unit in front roof module

- J525 Digital sound package control unit
- R164 Microphone unit in front roof module
- T6o 6-pin connector, blue, on microphone unit in front roof module

- 395 Earth connection 30, in main wiring harness
- 613 Earth point (audio), on left in luggage compartment

- \* models without microphone
- \*\* models with microphone
- \*\*\* is dropped, from model year 2006
- # models without voice control
- ## models with voice control
- ◆ fibre optic conductor



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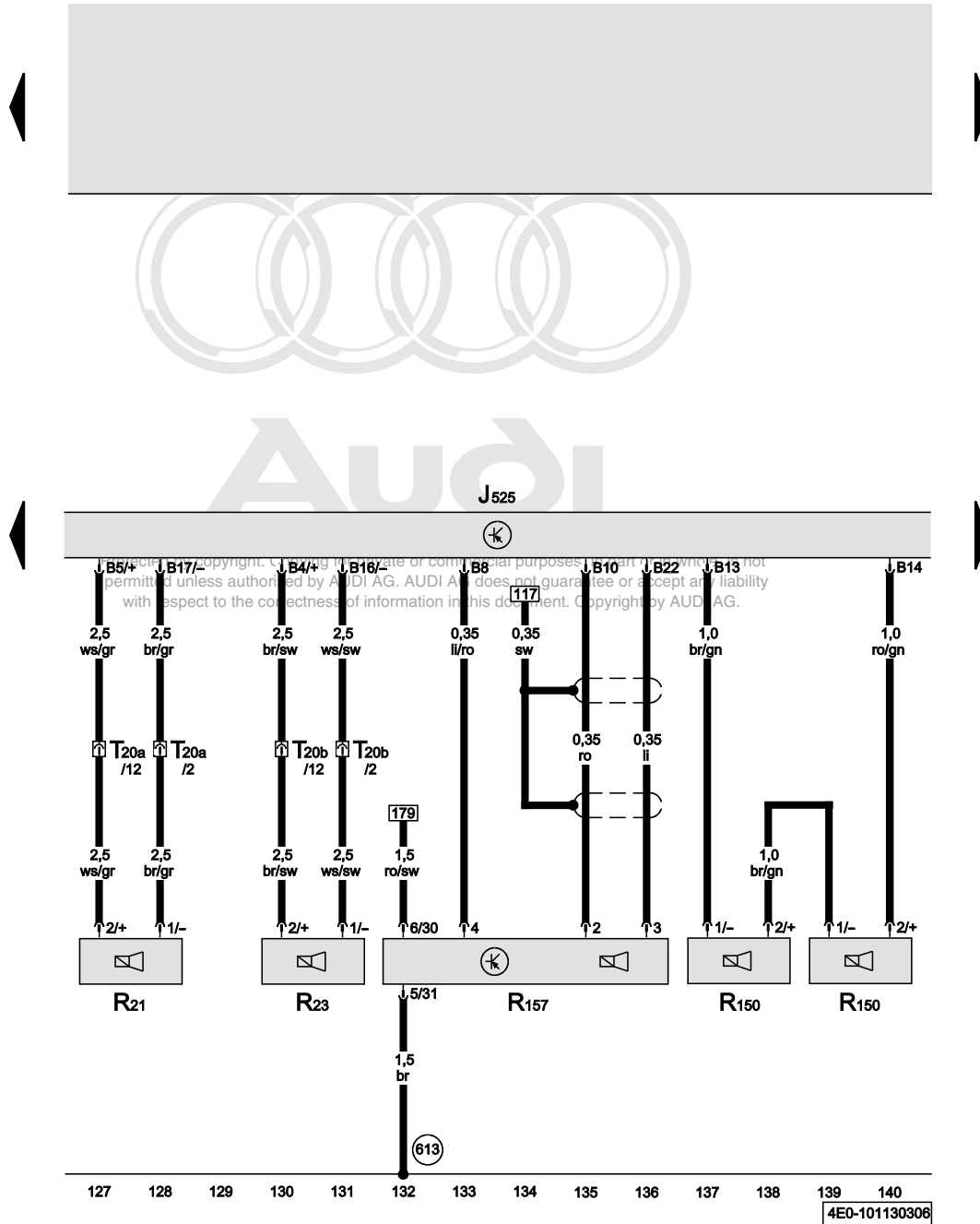
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Digital sound package control unit, front left and right bass loudspeaker, loudspeaker in rear shelf, subwoofer in rear shelf

- J525 Digital sound package control unit
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- R150 Loudspeaker in rear shelf
- R157 Subwoofer in rear shelf
- T20a 20-pin connector, black, left A-pillar
- T20b 20-pin connector, black, right A-pillar

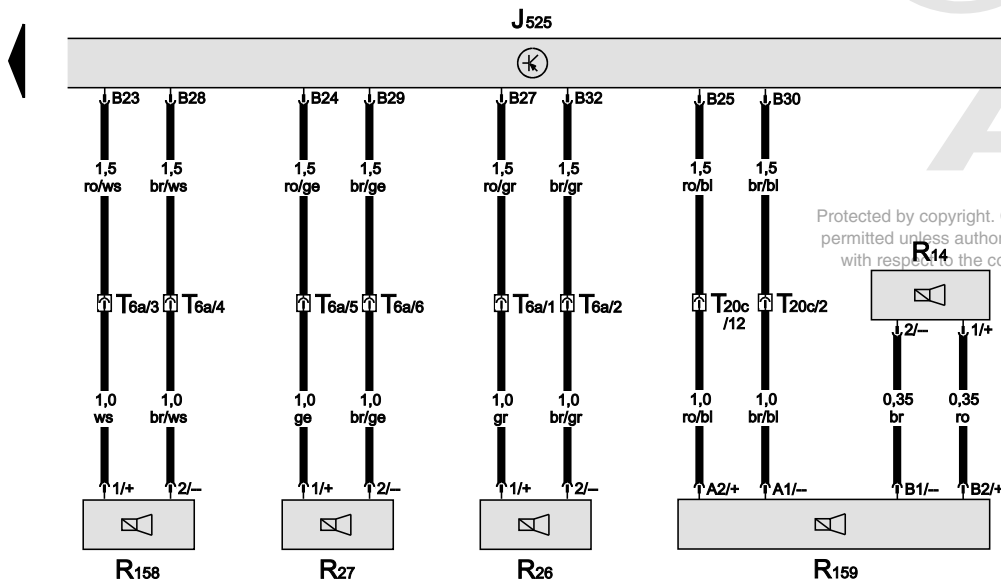
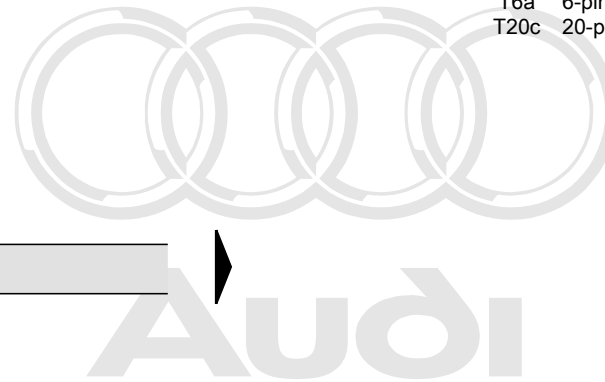
613 Earth point (audio), on left in luggage compartment



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Digital sound package control unit, front left mid-range and treble loudspeaker, front right mid-range and treble loudspeaker, centre mid-range and treble loudspeaker, rear left mid-range and bass loudspeaker, rear left treble loudspeaker

- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R26 Front left mid-range and treble loudspeaker
- R27 Front right mid-range and treble loudspeaker
- R158 Centre mid-range and treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T6a 6-pin connector, black, relay carrier driver footwell
- T20c 20-pin connector, black, left B-pillar

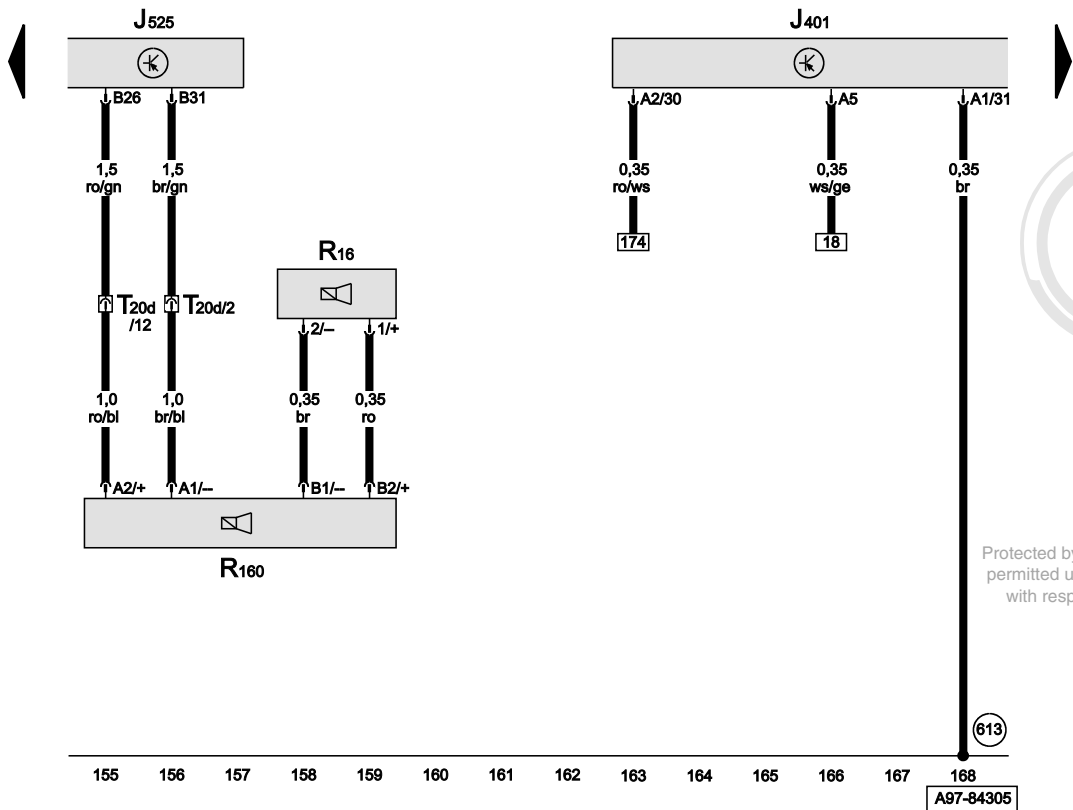


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Digital sound package control unit, rear right mid-range and bass loudspeaker, rear right treble loudspeaker, navigation system with CD drive control unit

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R16 Rear right treble loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T20d 20-pin connector, black, right B-pillar
- 613 Earth point (audio), on left in luggage compartment



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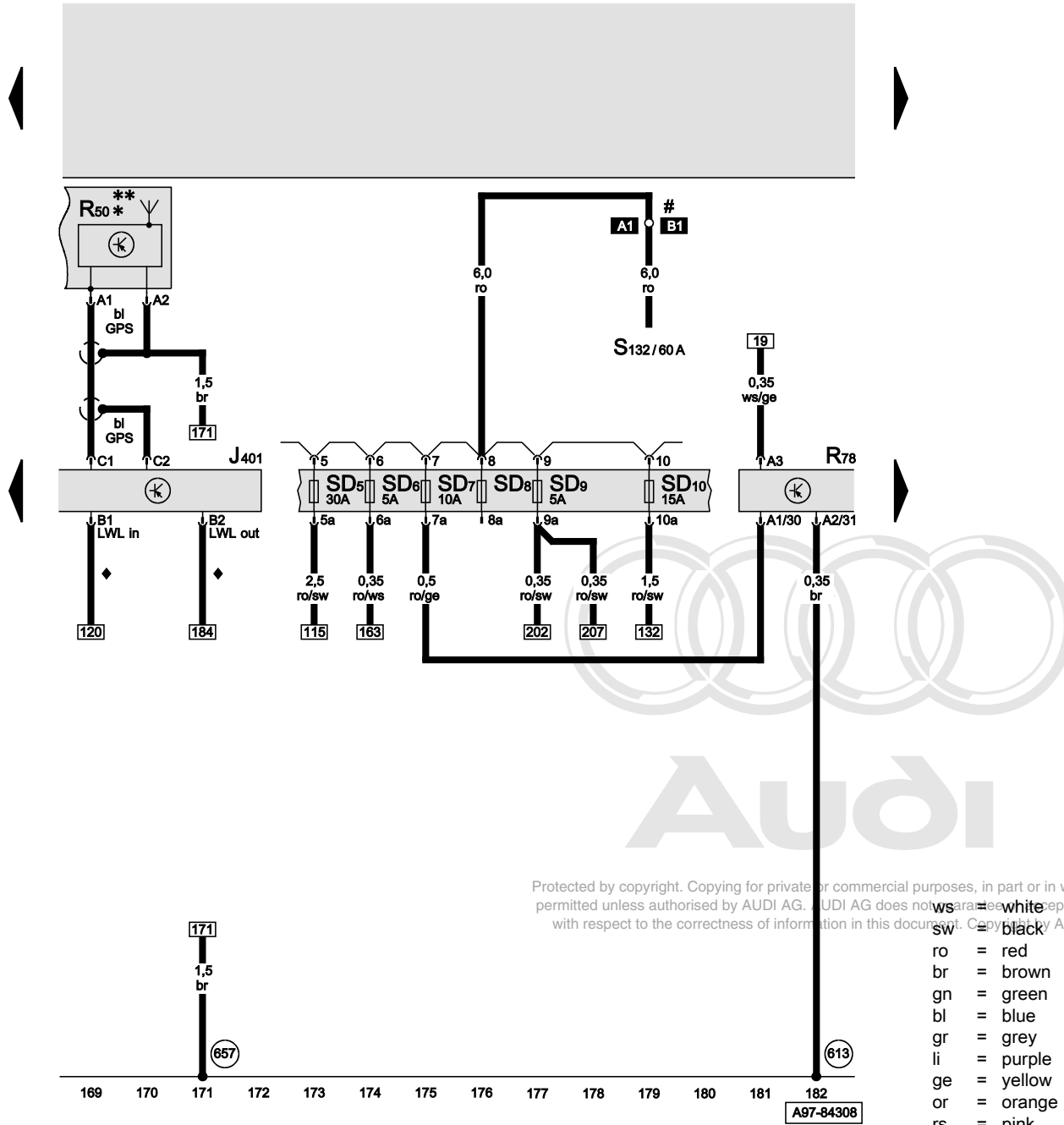
Navigation system with CD drive control unit, navigation system aerial, TV tuner, fuses left luggage compartment

- J401 Navigation system with CD drive control unit
- R50 Navigation system aerial
- R78 TV tuner
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- SD5 Fuse 5 on fuse holder
- SD6 Fuse 6 on fuse holder
- SD7 Fuse 7 on fuse holder
- SD8 Fuse 8 on fuse holder
- SD9 Fuse 9 on fuse holder
- SD10 Fuse 10 on fuse holder

613 Earth point (audio), on left in luggage compartment

657 Earth point 1, on left near rear window

- \* without telephone, under rear roof trim
- \*\* with telephone, roof aerial
- # Screw connection, on rear left fuse holder
- ◆ fibre optic conductor



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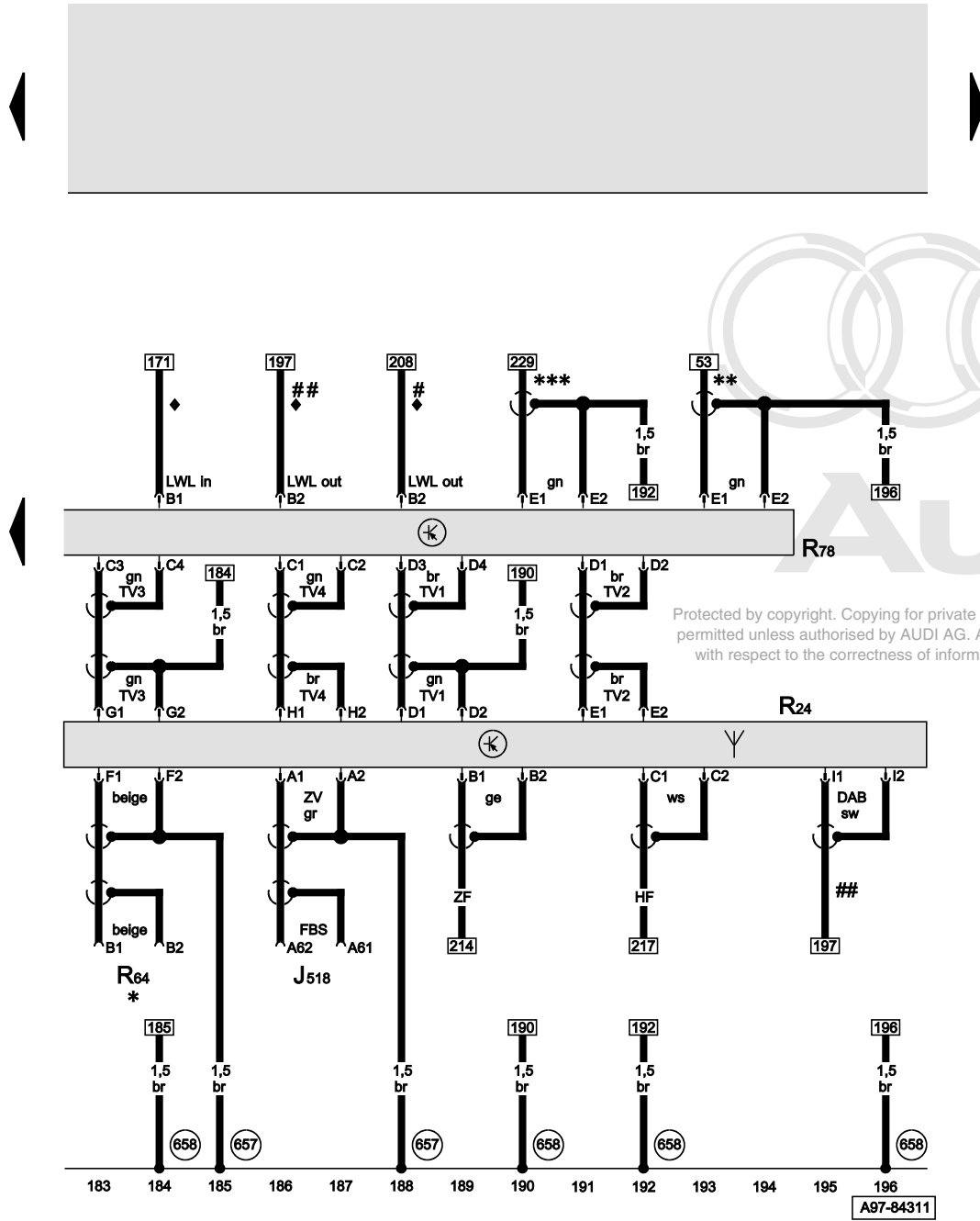
TV tuner, aerial amplifier

- J518 Entry and start authorisation control unit
- R24 Aerial amplifier
- R64 Remote control receiver for auxiliary heating
- R78 TV tuner

657 Earth point 1, on left near rear window

658 Earth point 2, on left near rear window

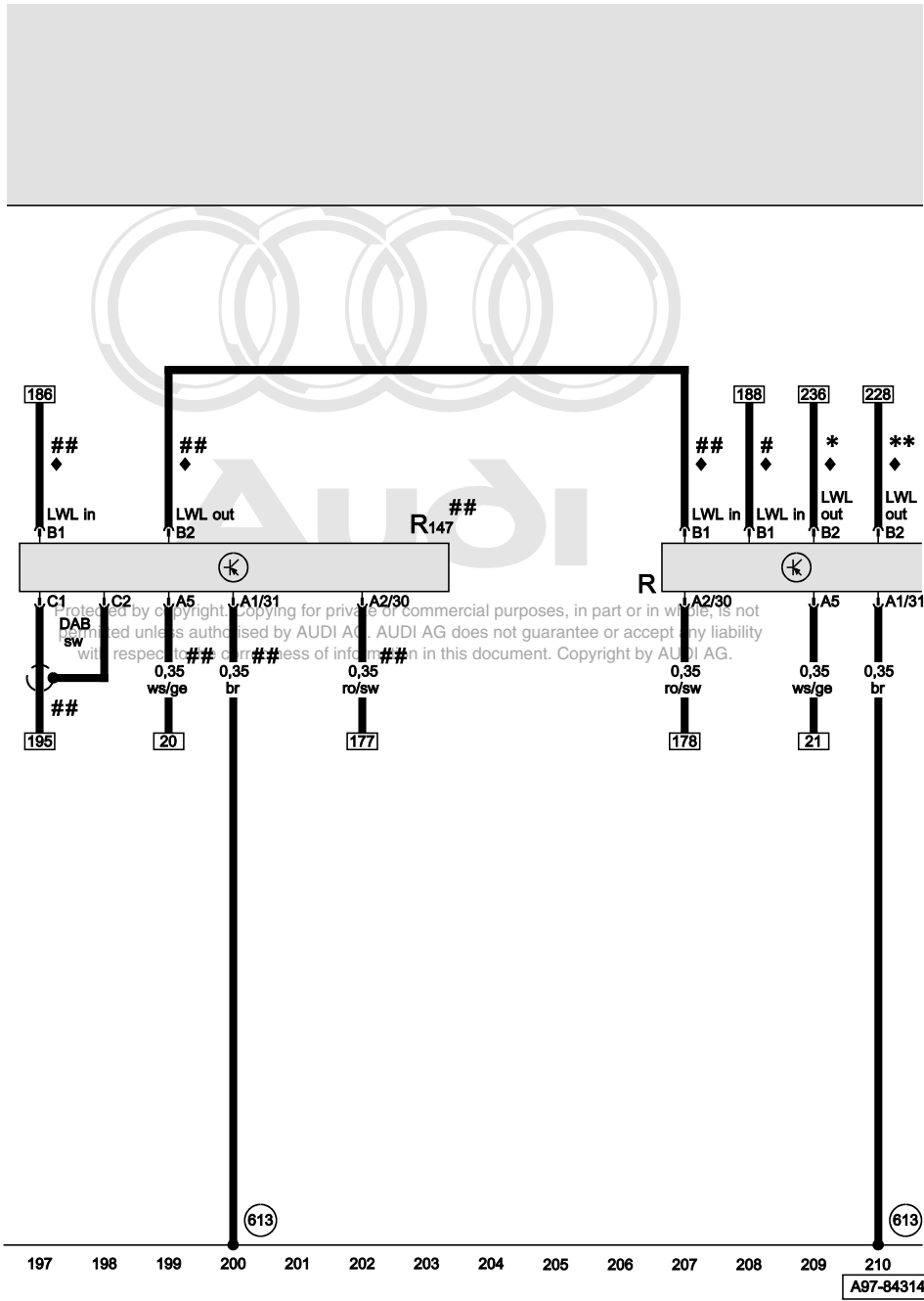
- \* models with auxiliary heater
- \*\* without video recorder, DVD player
- \*\*\* with video recorder, DVD player
- # models without digital radio
- ## models with digital radio
- ◆ fibre optic conductor



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Digital radio, radio (K-box)

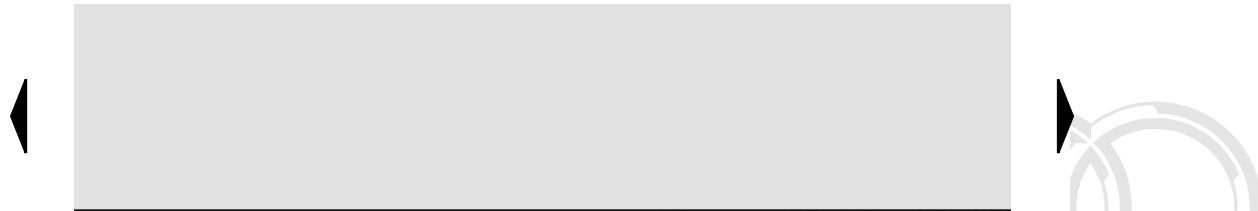
- R Radio
- R147 Digital radio
- 613 Earth point (audio), on left in luggage compartment
- \* models with media player in position 1
- \*\* models with media player in position 1 and 2
- # models without digital radio
- ## models with digital radio
- ◆ fibre optic conductor



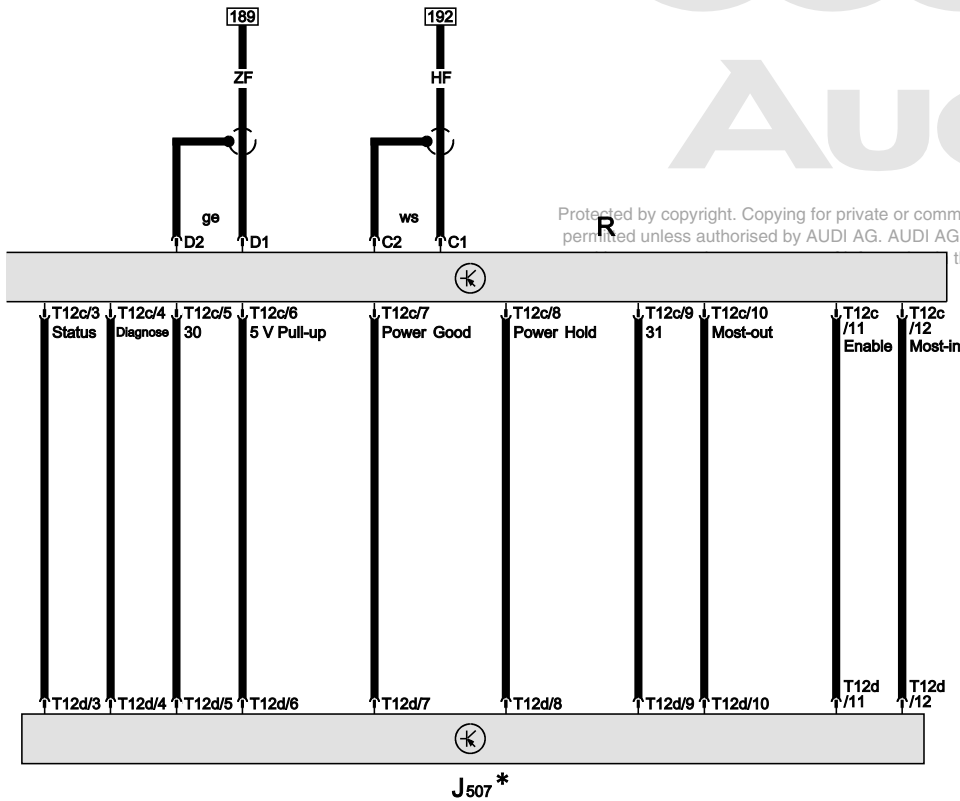
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Radio, language input control unit

- J507 Language input control unit
- R Radio
- T12c 12-pin connector, on radio (K-box)
- T12d 12-pin connector, on language input control unit
- \* models with voice control



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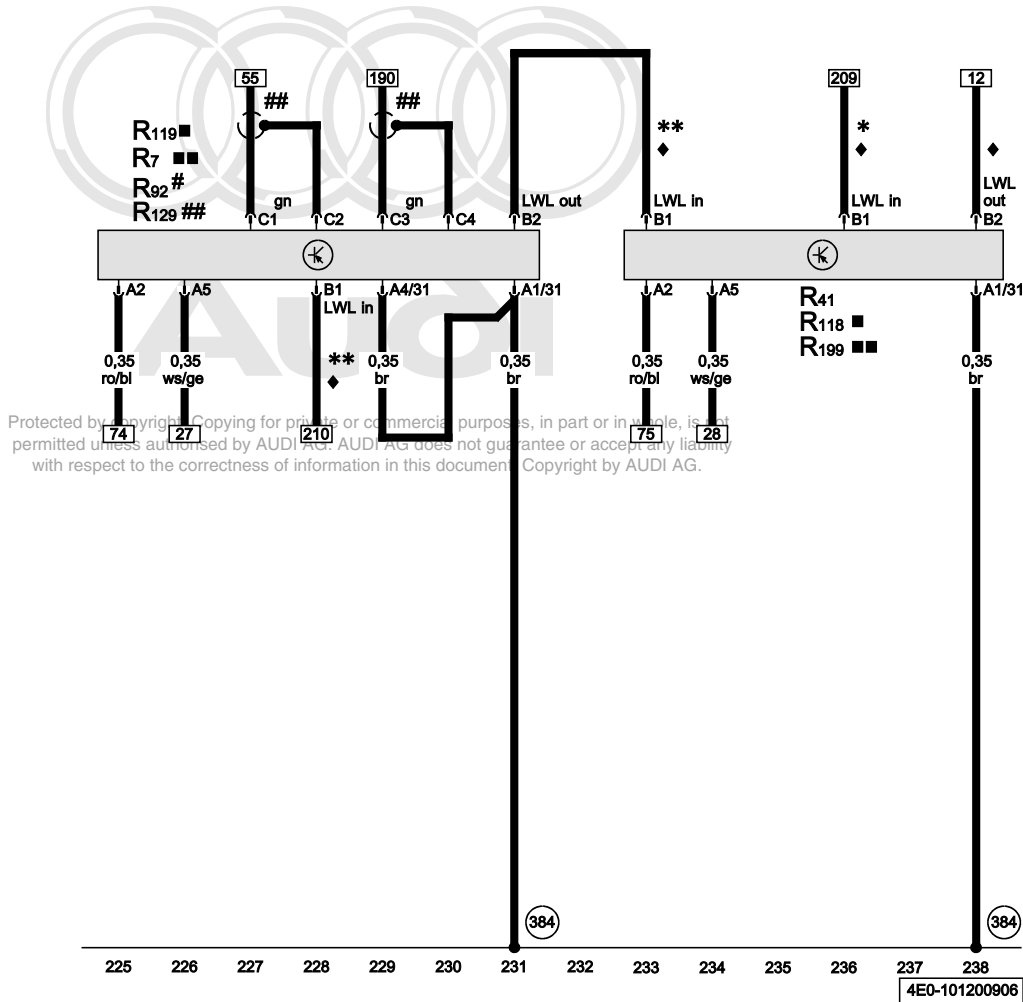
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Media player, CD changer, CD ROM drive

- R7 DVD player
- R41 CD changer
- R92 CD ROM drive
- R118 Media player in position 1
- R119 Media player in position 2
- R129 Video recorder and DVD player
- R199 Connection for external audio source

384 Earth connection 19, in main wiring harness

- \* models with media player in position 1
- \*\* models with media player in position 1 and 2
- # without video recorder, DVD player
- ## with video recorder, DVD player
- ◆ fibre optic conductor
- ◆ up to October 2006
- ◆◆ from November 2006



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## Digital TV tuner

from model year 2005

### Notes:

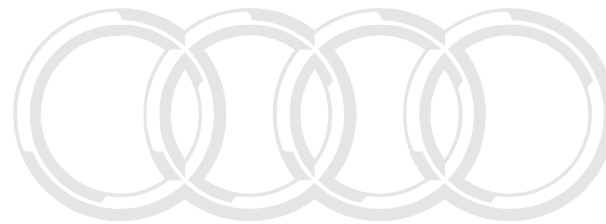
For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs
- ⇒ guided fault finding



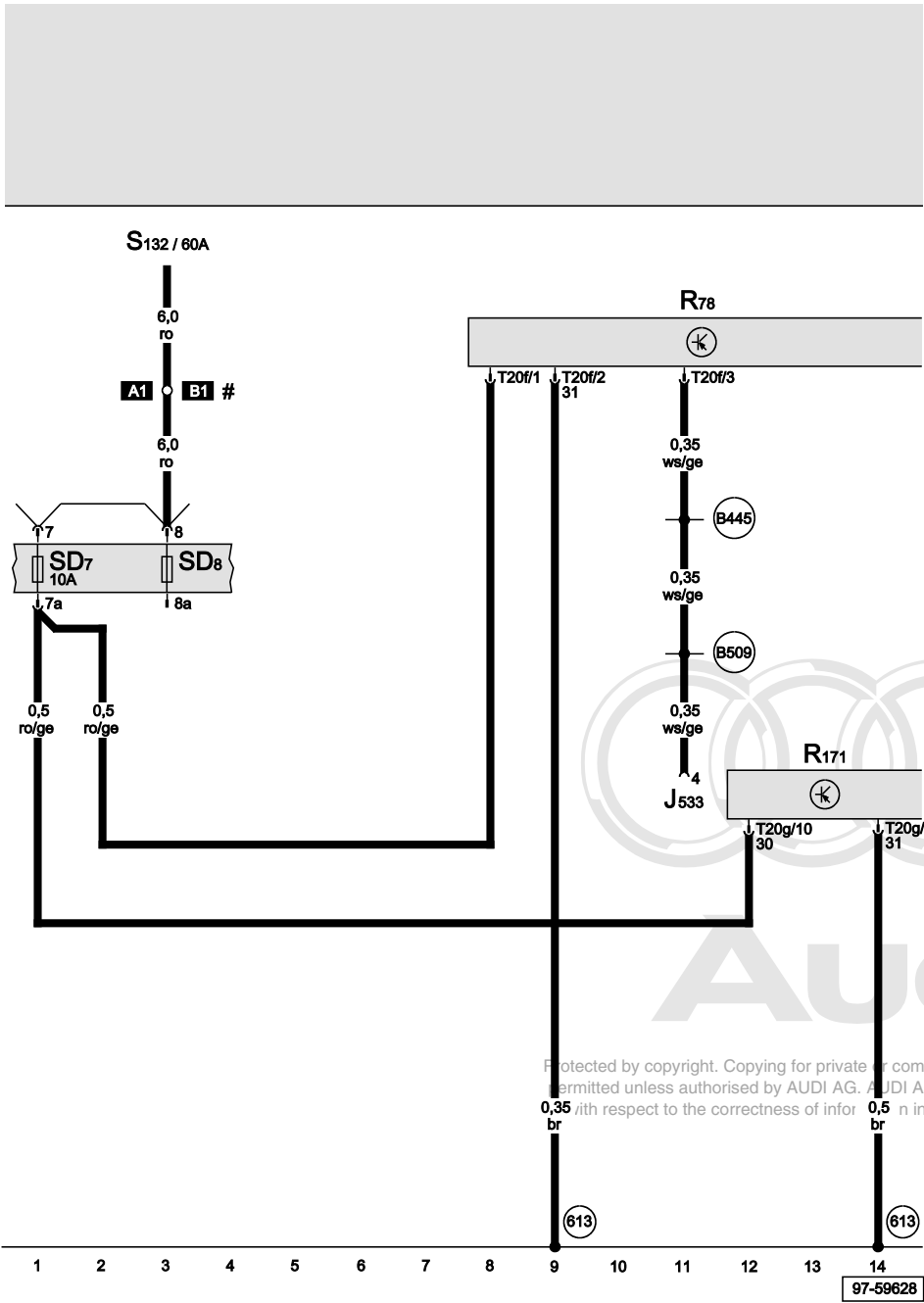
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TV tuner, digital TV tuner, fuses

- J533 Data bus diagnostic interface
- R78 TV tuner
- R171 Digital TV tuner
- S132 Fuse 2
- SD7 Fuse 7 on fuse holder
- SD8 Fuse 8 on fuse holder
- T20f 20-pin connector, red, on TV tuner
- T20g 20-pin connector, red, on digital TV tuner

- 613 Earth point (audio), on left in luggage compartment
- B445 Connection 2 (diagnosis), in main wiring harness (ring brake diagnosis)
- B509 Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
- # Screw connection, on rear left fuse holder



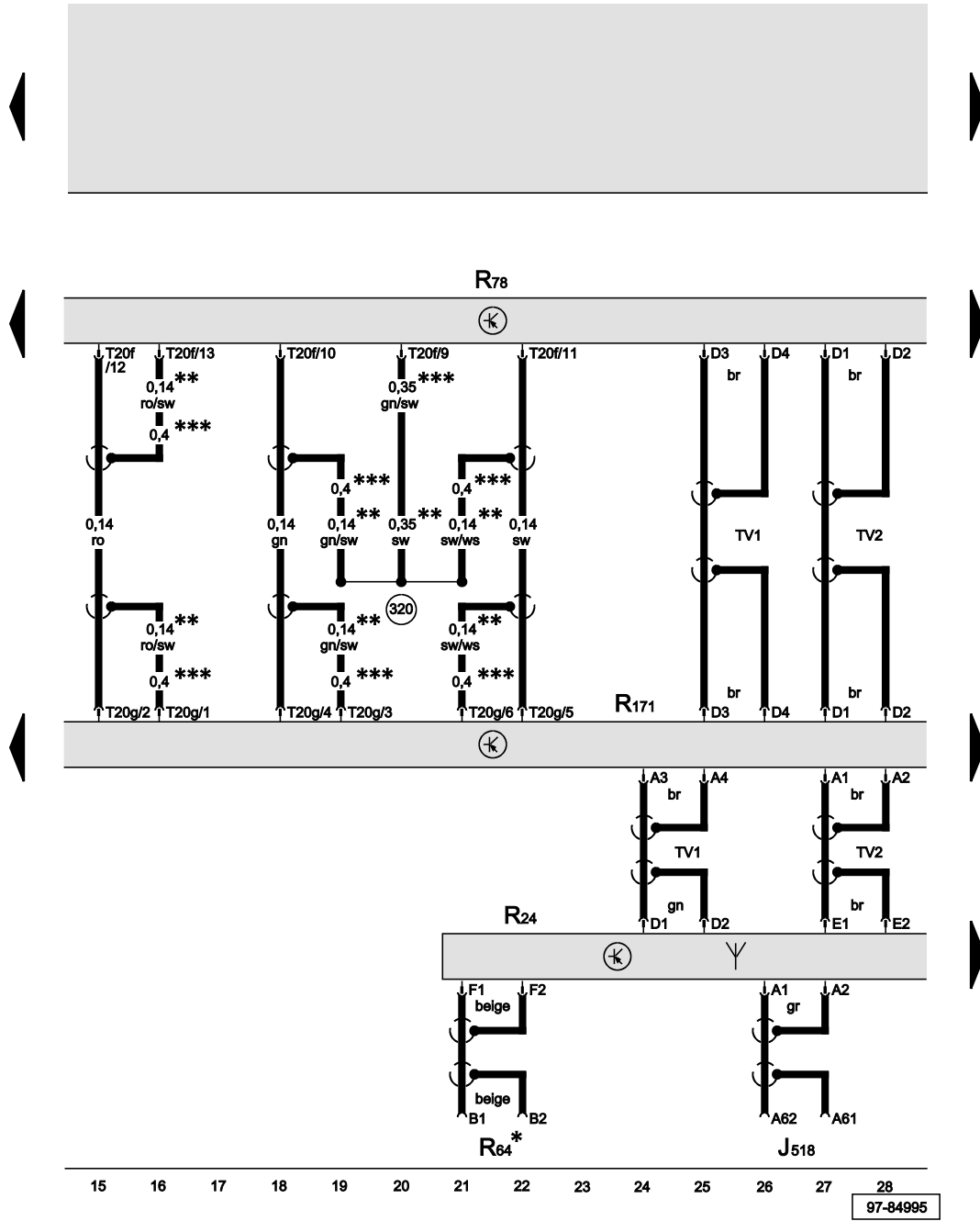
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TV tuner, digital TV tuner, aerial amplifier

- J518 Entry and start authorisation control unit
- R24 Aerial amplifier
- R64 Remote control receiver for auxiliary heating
- R78 TV tuner
- R171 Digital TV tuner
- T20f 20-pin connector, red, on TV tuner
- T20g 20-pin connector, red, on digital TV tuner
- 320 Earth connection (screening 1, TV), in communication wiring harness
- \* models with auxiliary heater
- \*\* up to model year 2005
- \*\*\* from model year 2006

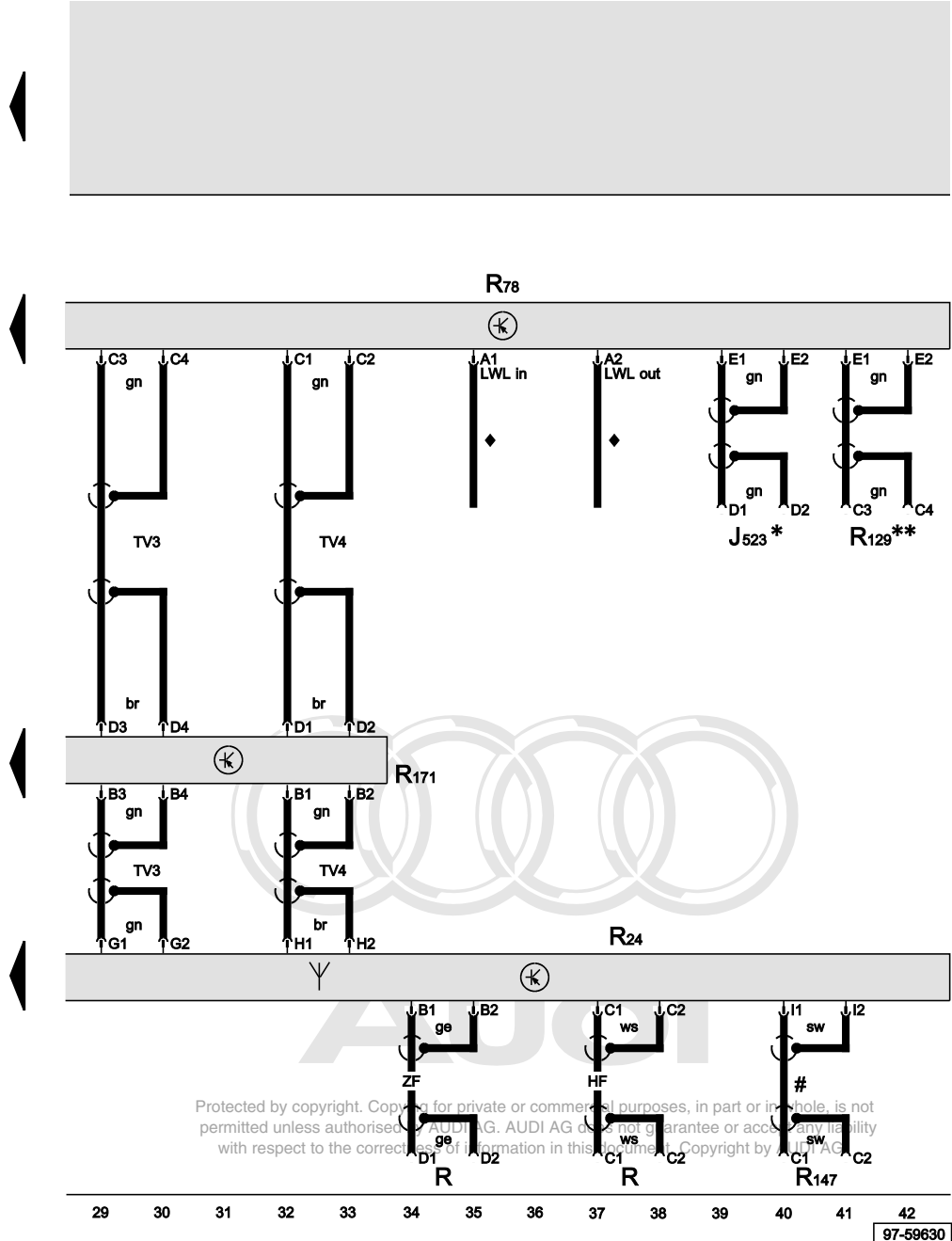
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TV tuner, digital TV tuner, aerial amplifier

- J523 Front information display and operating unit control unit
- R Radio
- R24 Aerial amplifier
- R78 TV tuner
- R129 Video recorder and DVD player
- R147 Digital radio
- R171 Digital TV tuner
- \* models without video recorder / DVD player
- \*\* models with video recorder / DVD player
- # models with digital radio
- ◆ fibre optic conductor



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## Rear-Seat-Entertainment (RSE)

⇒ Rear DVD changer

⇒ Fax unit

from model year 2005

### Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

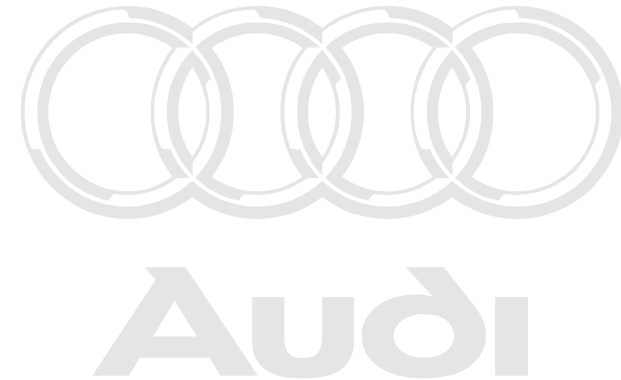
◆ Earth connections

⇒ List of Fitting Locations!

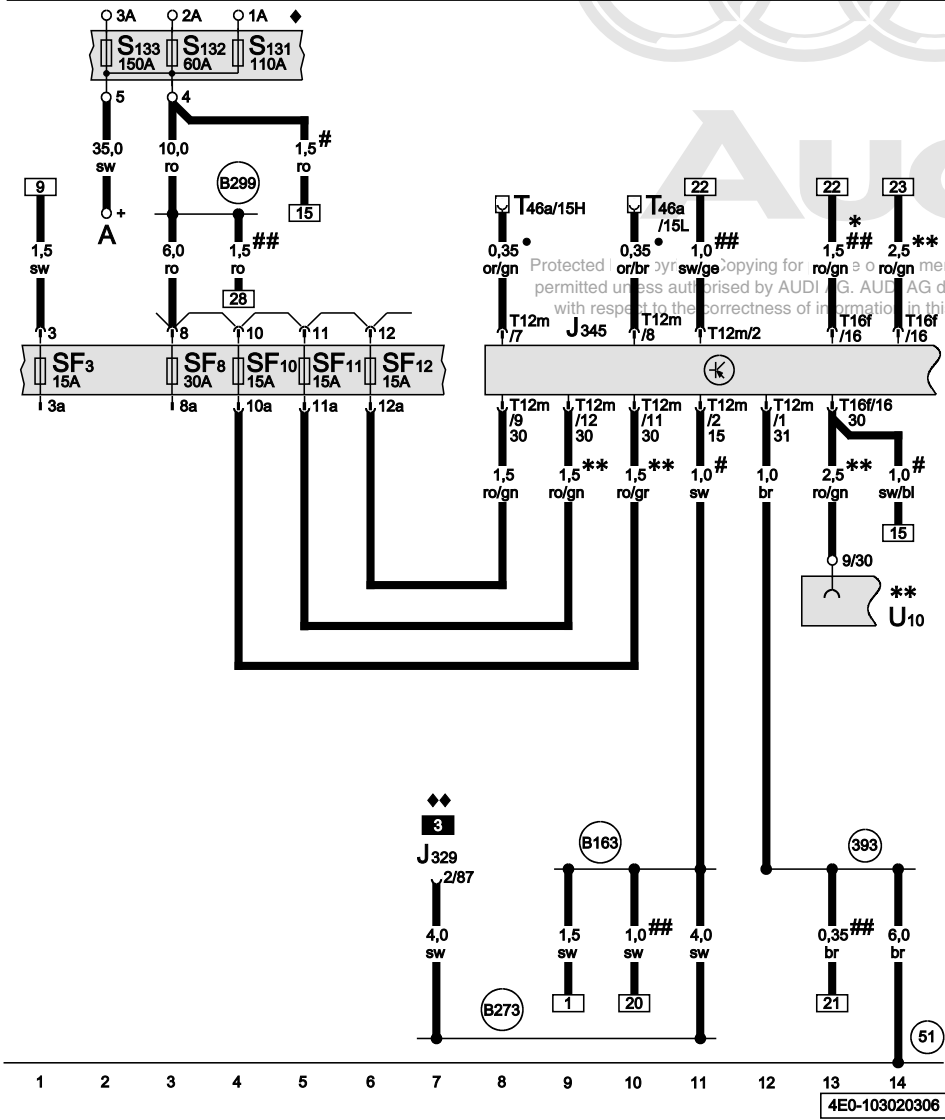
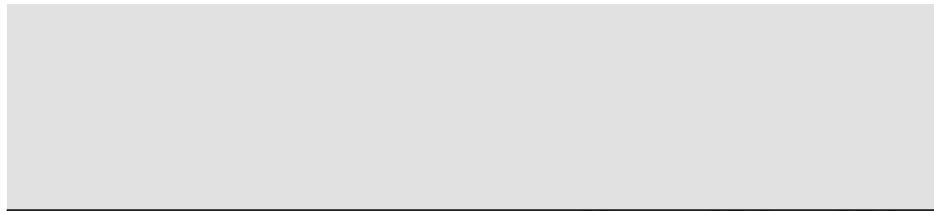
For information concerning

◆ Fault Finding Programs

⇒ guided fault finding



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Trailer detector control unit, fuses

- A Battery
- J329 Terminal 15 voltage supply relay
- J345 Trailer detector control unit
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SF3 Fuse 3 on fuse holder
- SF8 Fuse 8 on fuse holder
- SF10 Fuse 10 on fuse holder
- SF11 Fuse 11 on fuse holder
- SF12 Fuse 12 on fuse holder
- T12m 12-pin connector, red, connector B, on trailer detector control unit
- T16f 16-pin connector, black, connector A, on trailer detector control unit
- T46a 46-pin connector, black, CAN separating connector left
- U10 Trailer socket

- 51 Earth point, on right in luggage compartment
- 393 Earth connection 28, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- CAN bus (data wire)
- \* models without trailer towing attachment
- \*\* models with trailer towing attachment
- # up to model year 2005
- ## from model year 2006
- ◆ In luggage compartment, rear right
- ◆◆ Relay and fuse carrier behind left dash panel

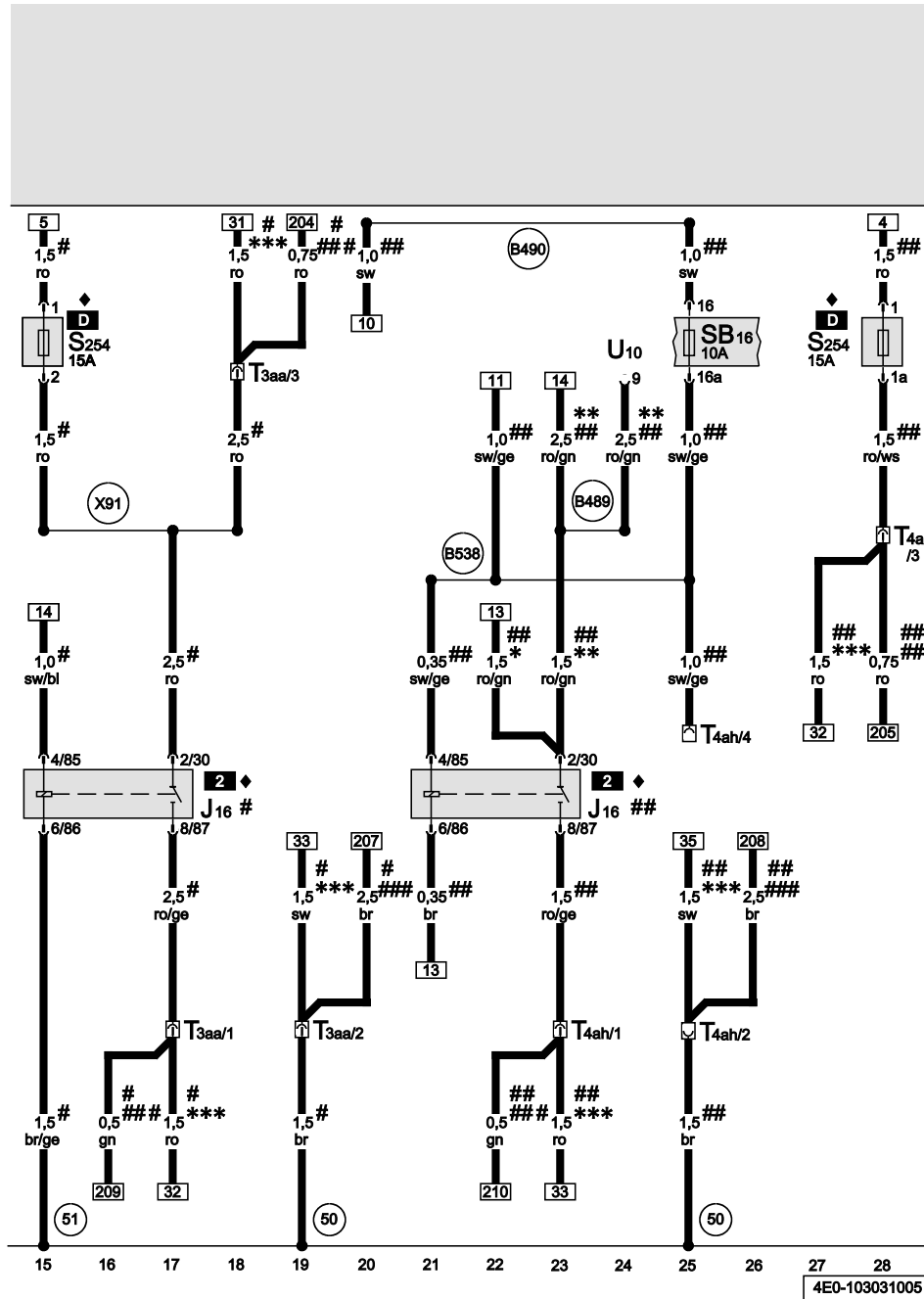
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Current supply relay, communications fuse

- J16 Current supply relay
- S254 Communications fuse
- SB16 Fuse 16 on fuse holder
- T3aa 3-pin connector, black, on left in luggage compartment
- T4ah 4-pin connector, black, on left in luggage compartment
- U10 Trailer socket

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- B489 Connection 25, in main wiring harness
- B490 Connection 26, in main wiring harness
- B538 Connection 29, in main wiring harness
- X91 Connection 1 (communication), in optional equipment wiring harness
- \* models without trailer towing attachment
- \*\* models with trailer towing attachment
- \*\*\* models with Rear-Seat-Entertainment (RSE)
- # up to model year 2005
- ## from model year 2006
- ### models with fax unit
- ◆ Relay and fuse carrier right in luggage compartment

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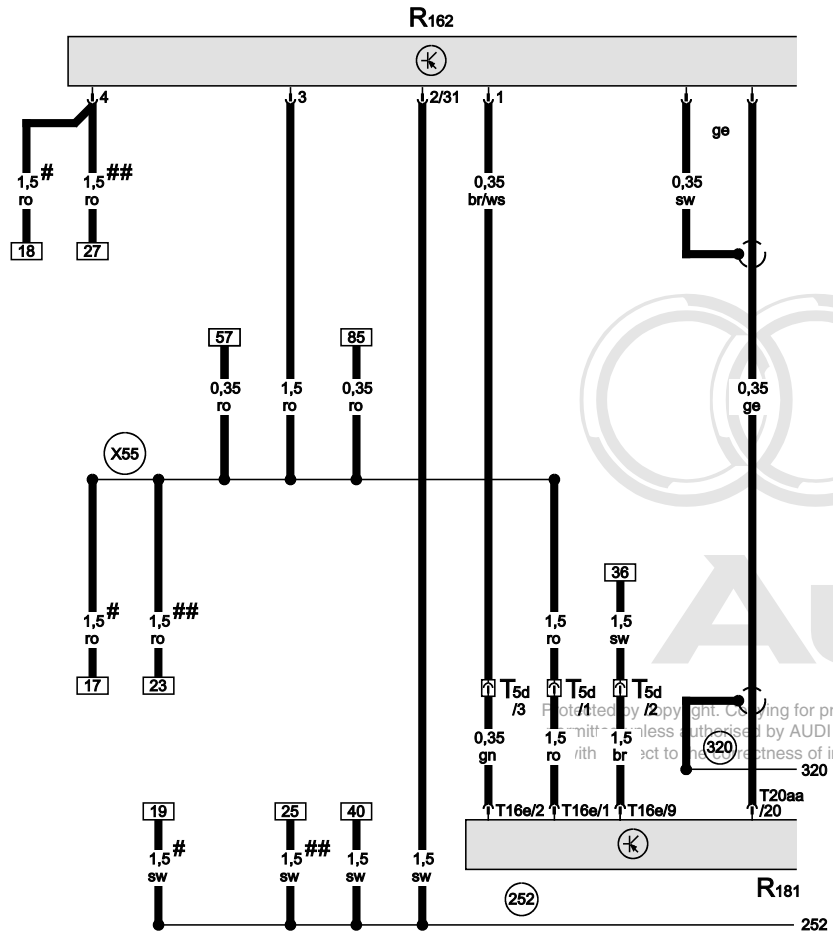


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Rear-Seat-Entertainment voltage supply, rear DVD changer, multimedia system signal splitter

- R162 Rear DVD changer
- R181 Multimedia system signal splitter
- T5d 5-pin connector, black, on left in luggage compartment
- T16e 16-pin connector, brown, on multimedia system signal splitter
- T20aa 20-pin connector, red, on multimedia system signal splitter

- (252) Earth connection, in optional equipment wiring harness
- (320) Earth connection (screening 1, TV), in communication wiring harness
- (X55) Positive connection (15), in optional equipment wiring harness
- \* phased-in modification
- # up to model year 2005
- ## from model year 2006



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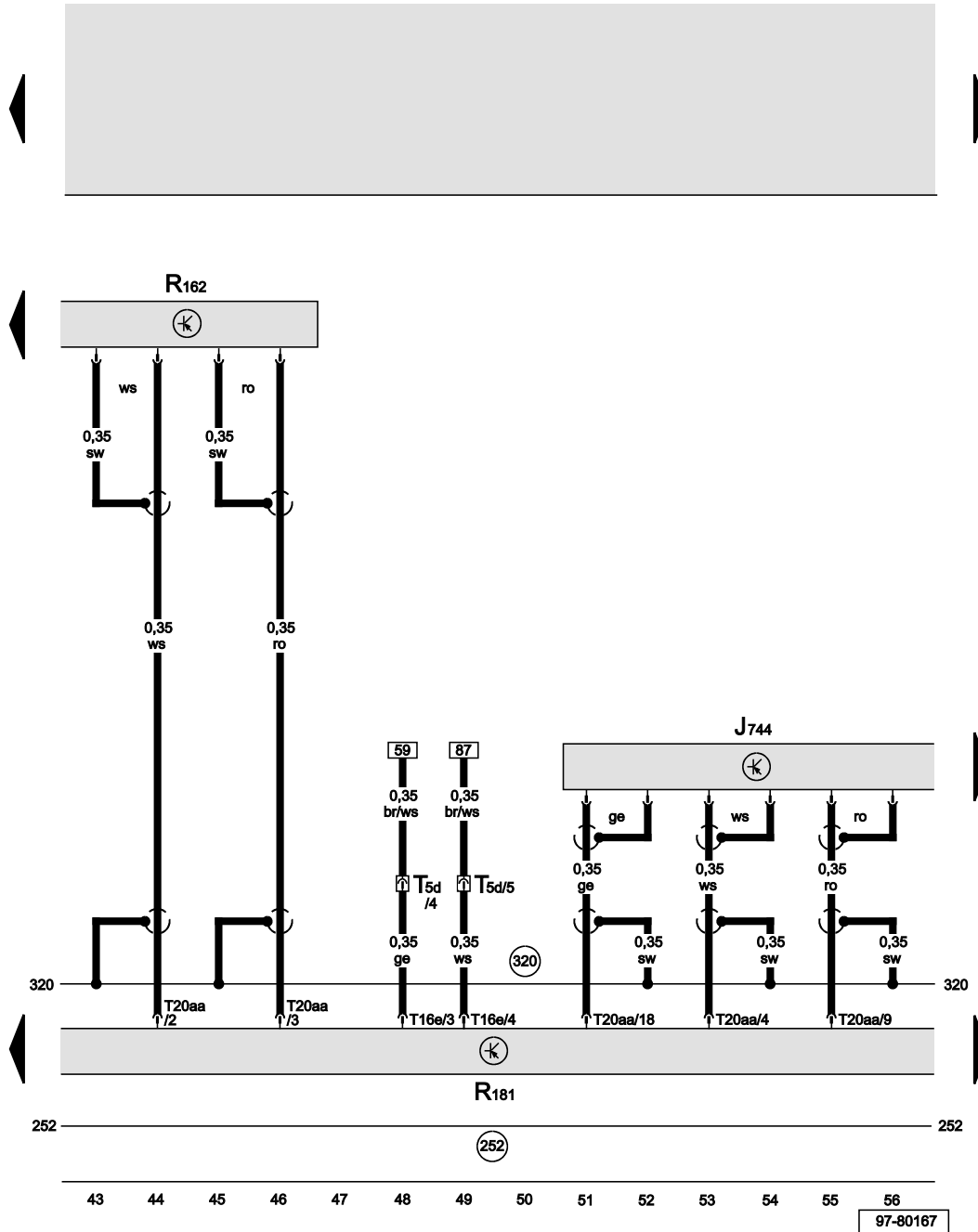


Rear DVD changer, multimedia system signal splitter, multimedia system display unit 1 control unit

- J744 Multimedia system display unit 1 control unit
- R162 Rear DVD changer
- R181 Multimedia system signal splitter
- T5d 5-pin connector, black, on left in luggage compartment
- T16e 16-pin connector, brown, on multimedia system signal splitter
- T20aa 20-pin connector, red, on multimedia system signal splitter

252 Earth connection, in optional equipment wiring harness

320 Earth connection (screening 1, TV), in communication wiring harness



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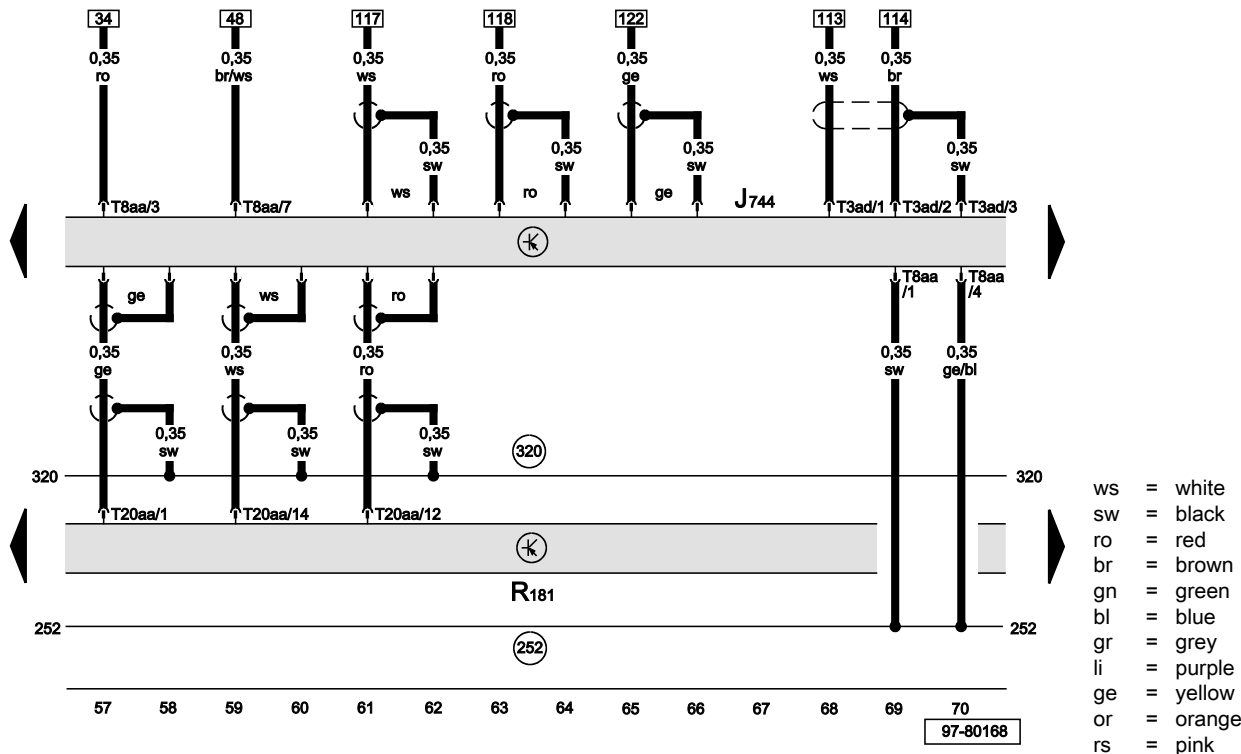
Multimedia system signal splitter, multimedia system display unit 1 control unit

- J744 Multimedia system display unit 1 control unit
- R181 Multimedia system signal splitter
- T3ad 3-pin connector, on multimedia system display unit 1 control unit
- T8aa 8-pin connector, on multimedia system display unit 1 control unit
- T20aa 20-pin connector, red, on multimedia system signal splitter

252 Earth connection, in optional equipment wiring harness

320 Earth connection (screening 1, TV), in communication wiring harness

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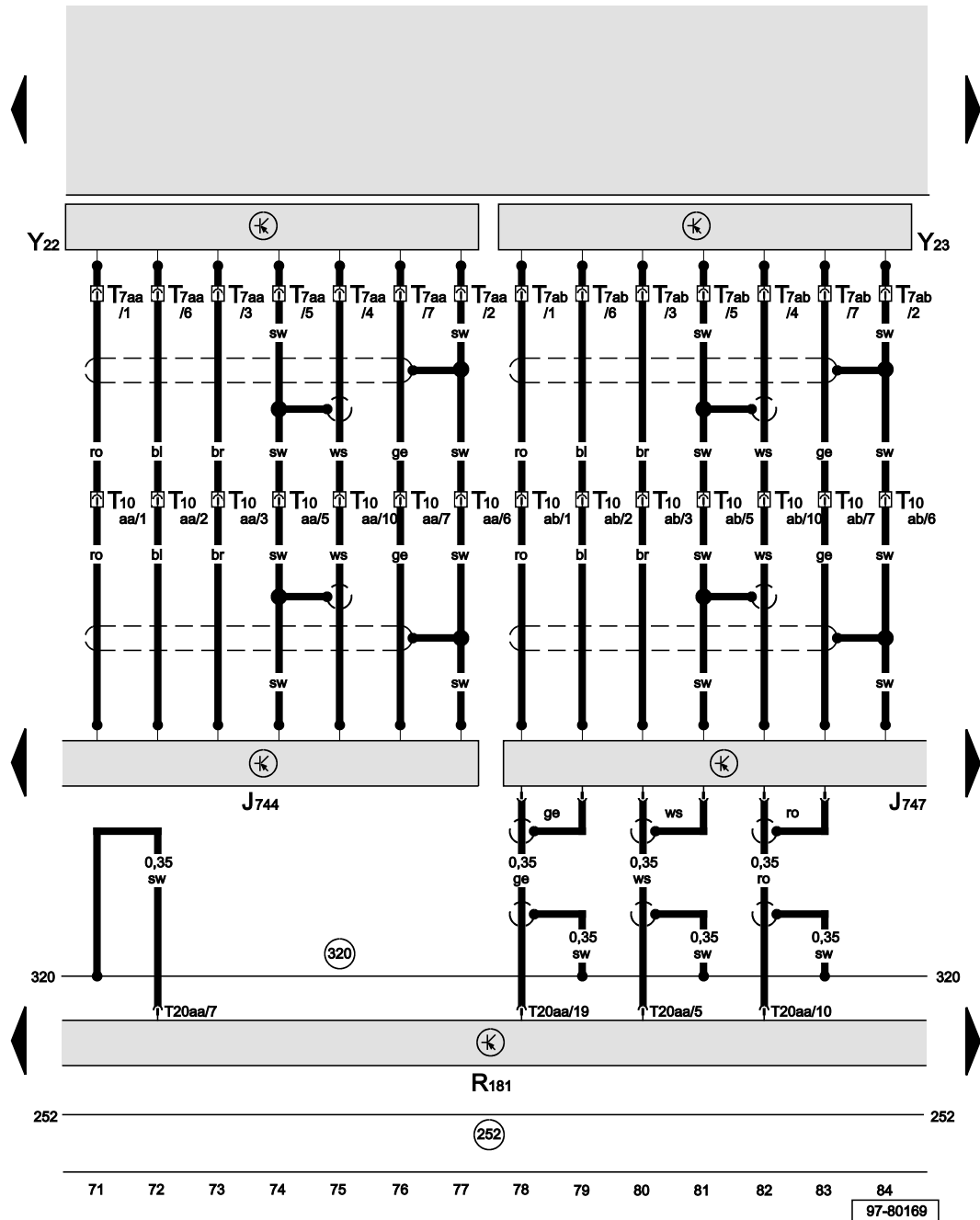
Multimedia system signal splitter, multimedia system display unit 1 control unit, multimedia system display unit 2 control unit, multimedia display unit 1, multimedia display unit 2

- J744 Multimedia system display unit 1 control unit
- J747 Multimedia system display unit 2 control unit
- R181 Multimedia system signal splitter
- T7aa 7-pin connector, green, in driver seat backrest
- T7ab 7-pin connector, green, in front passenger seat backrest
- T10aa 10-pin connector, black, under driver seat
- T10ab 10-pin connector, black, under front passenger seat
- T20aa 20-pin connector, red, on multimedia system signal splitter
- Y22 Multimedia display unit 1
- Y23 Multimedia display unit 2

- (252) Earth connection, in optional equipment wiring harness
- (320) Earth connection (screening 1, TV), in communication wiring harness



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Multimedia system signal splitter, multimedia system display unit 2 control unit

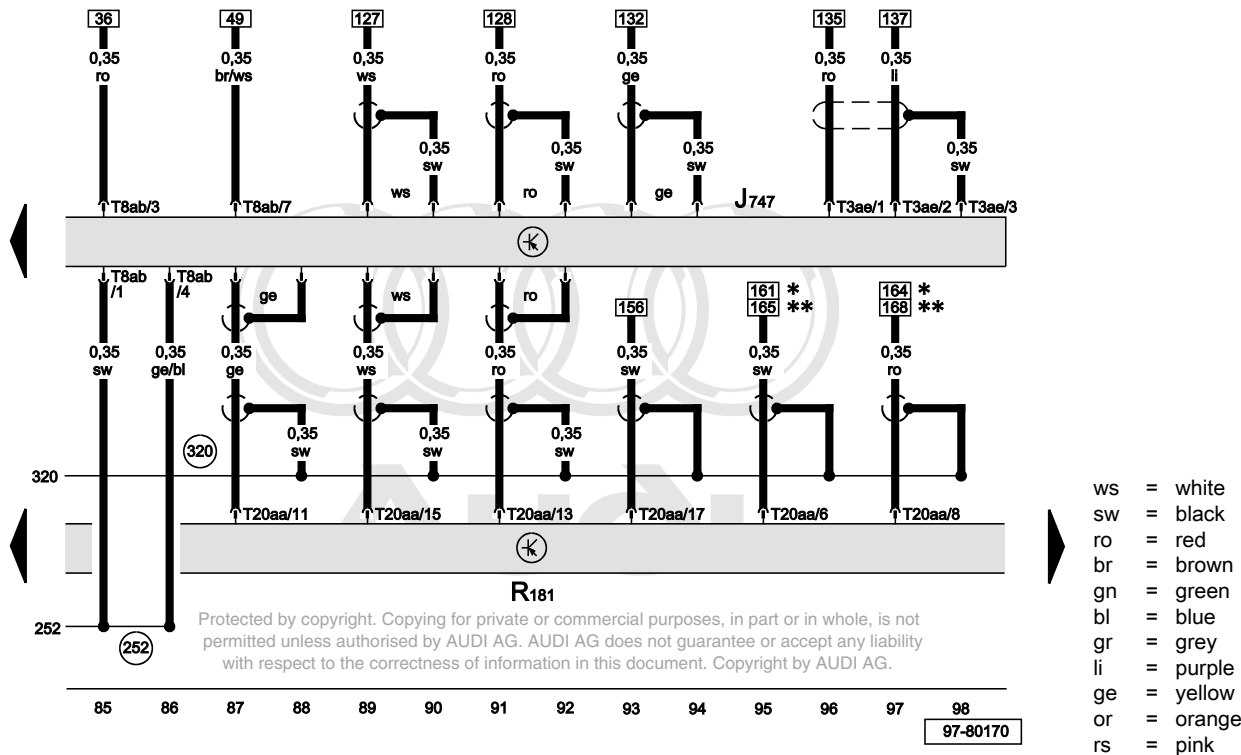
- J747 Multimedia system display unit 2 control unit
- R181 Multimedia system signal splitter
- T3ae 3-pin connector, on multimedia system display unit 2 control unit
- T8ab 8-pin connector, on multimedia system display unit 2 control unit
- T20aa 20-pin connector, red, on multimedia system signal splitter

252 Earth connection, in optional equipment wiring harness

320 Earth connection (screening 1, TV), in communication wiring harness

\* without DVB-T-Set Top-Box

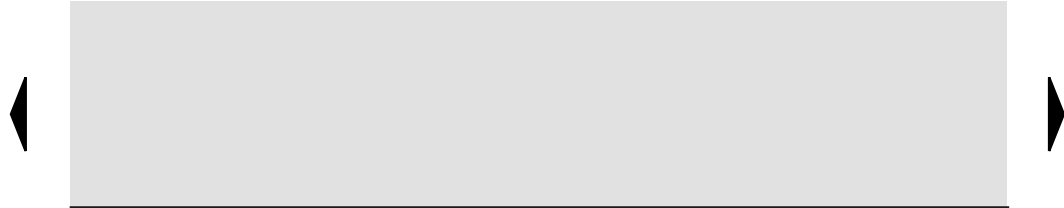
\*\* with DVB-T-Set Top-Box



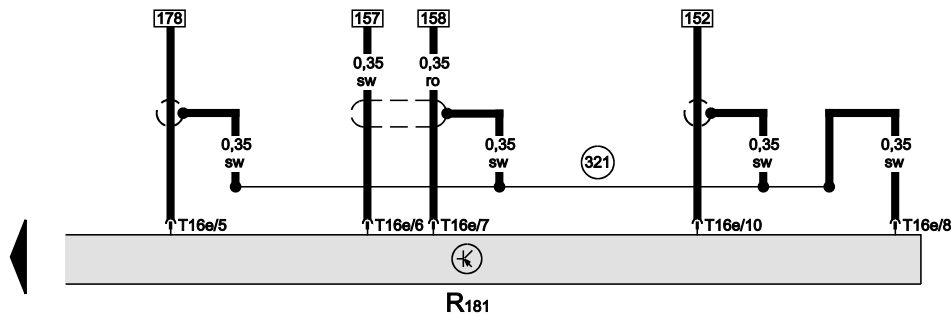
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Multimedia system signal splitter

- R181 Multimedia system signal splitter
- T16e 16-pin connector, brown, on multimedia system signal splitter
- 321 Earth connection (screening 2, TV), in communication wiring harness



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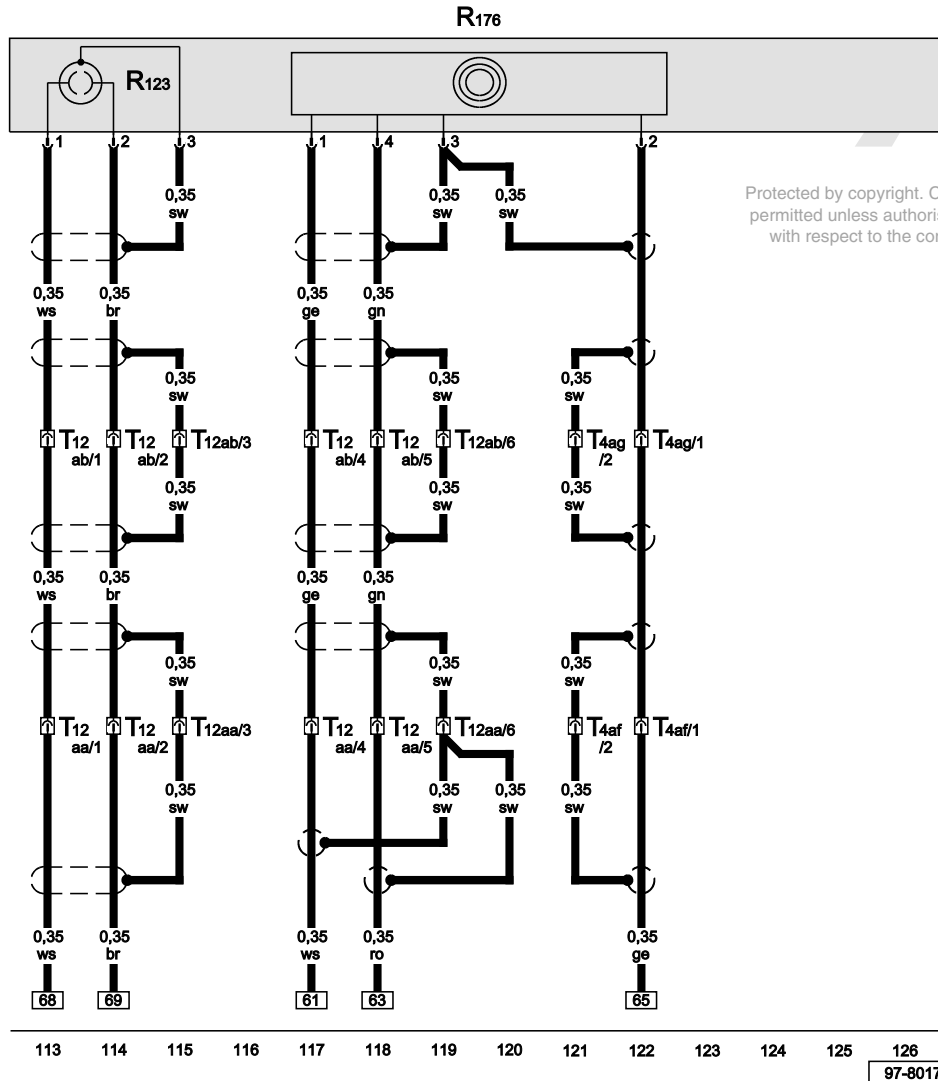


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- or = orange
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99 100 101 102 103 104 105 106 107 108 109 110 111 112  
97-80171

Additional connections unit for audio and video, multimedia headphones for left side

- R123 Multimedia headphones for left side
- R176 Additional connections unit for audio and video
- T4af 4-pin connector, on left in luggage compartment
- T4ag 4-pin connector, under rear centre console
- T12aa 12-pin connector, black, in left luggage compartment
- T12ab 12-pin connector, black, under rear centre console

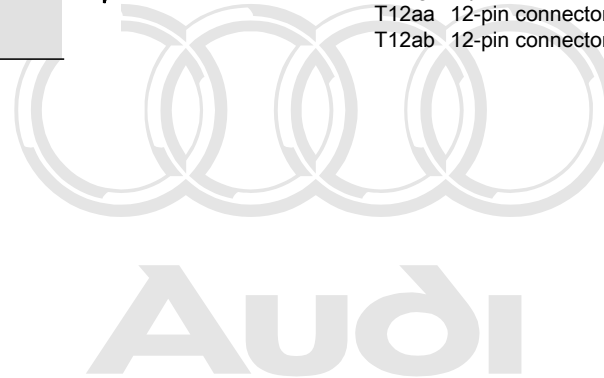


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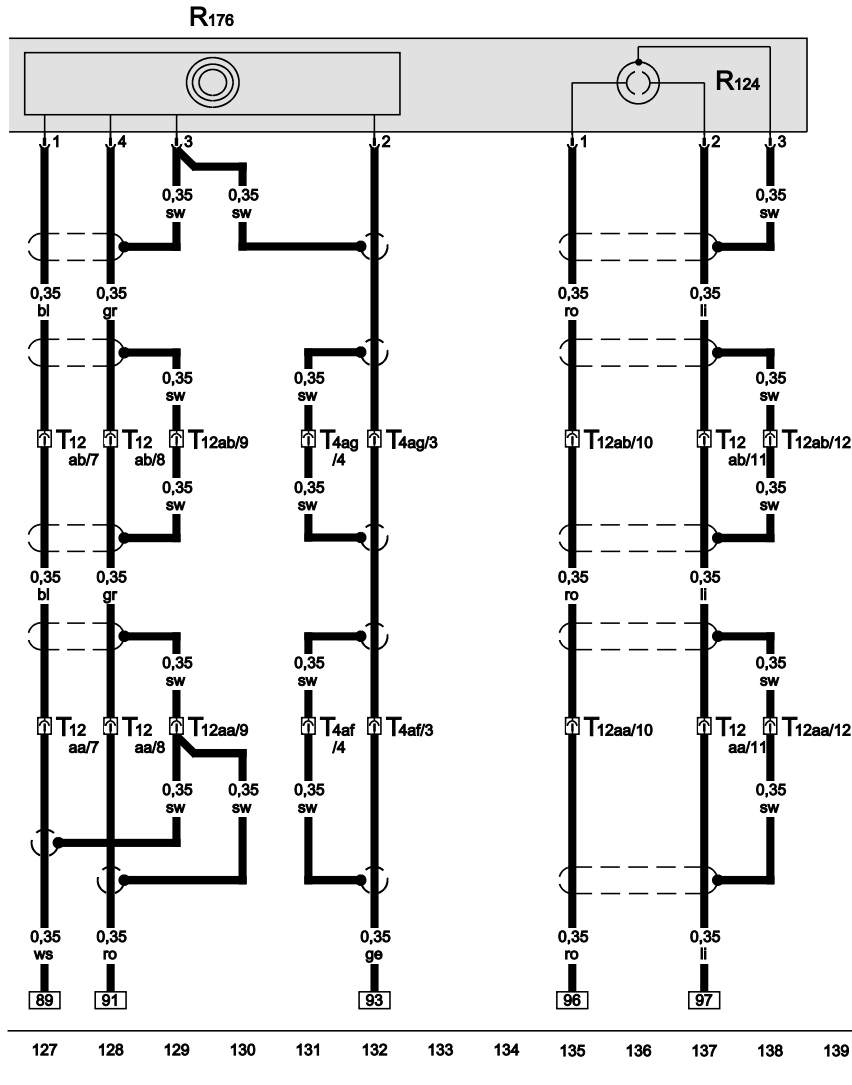
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Additional connections unit for audio and video, multimedia headphones for right side

- R124 Multimedia headphones for right side
- R176 Additional connections unit for audio and video
- T4af 4-pin connector, on left in luggage compartment
- T4ag 4-pin connector, under rear centre console
- T12aa 12-pin connector, black, in left luggage compartment
- T12ab 12-pin connector, black, under rear centre console



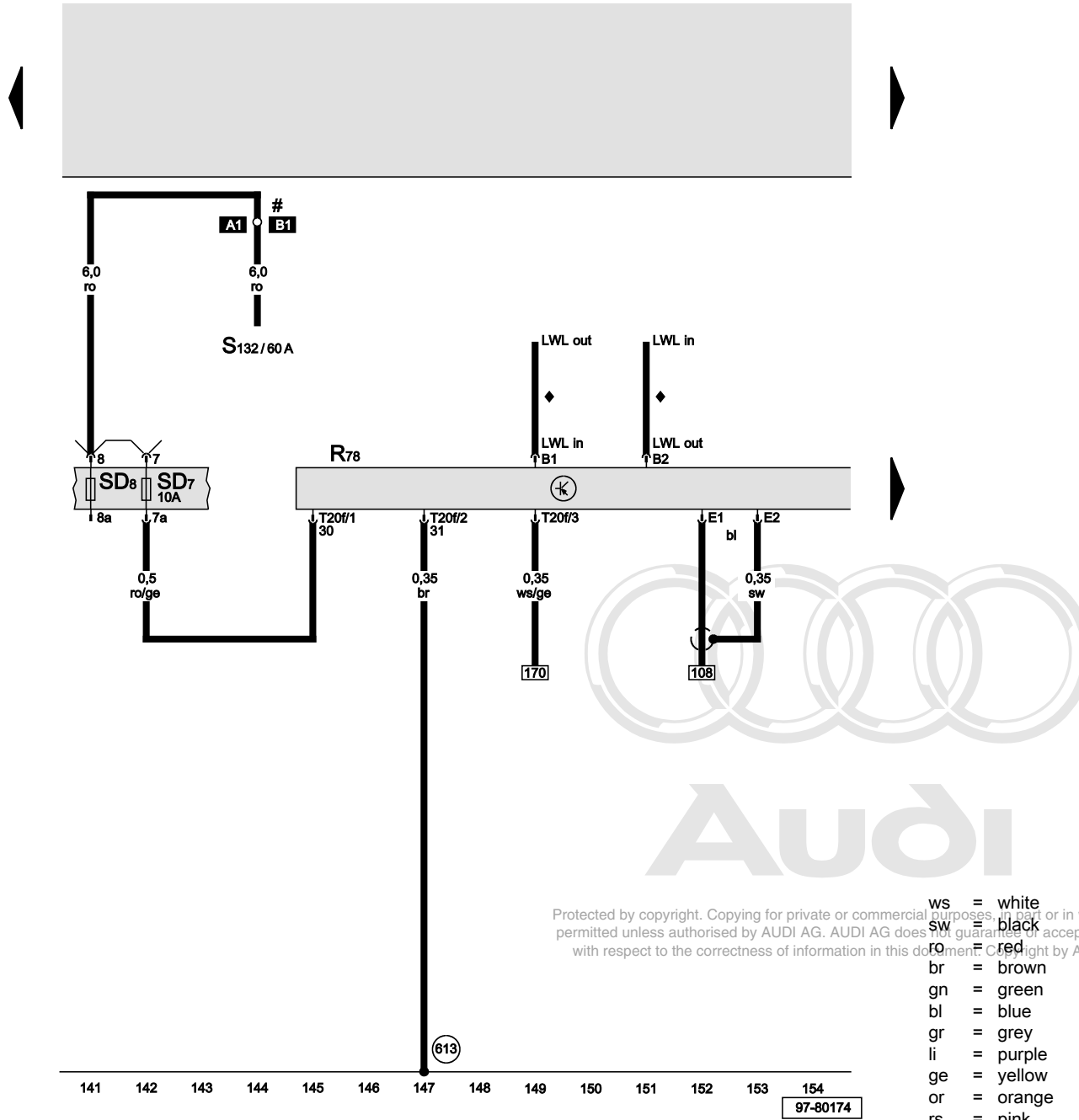
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TV tuner, fuses left luggage compartment

- R78 TV tuner
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- SD7 Fuse 7 on fuse holder
- SD8 Fuse 8 on fuse holder
- T20f 20-pin connector, red, on TV tuner
- 613 Earth point (audio), on left in luggage compartment
- # Screw connection, on rear left fuse holder
- ◆ Fibre optic conductor, see Current Flow Diagram infotainment data bus (Most Ring)



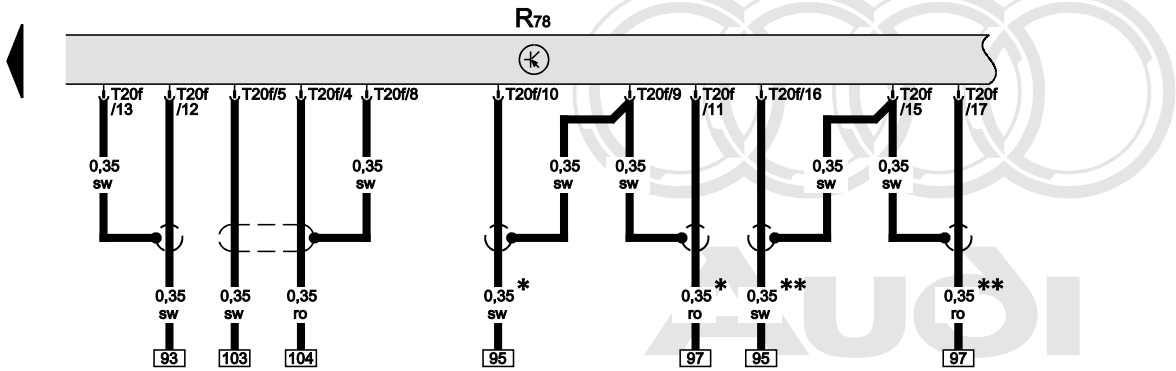
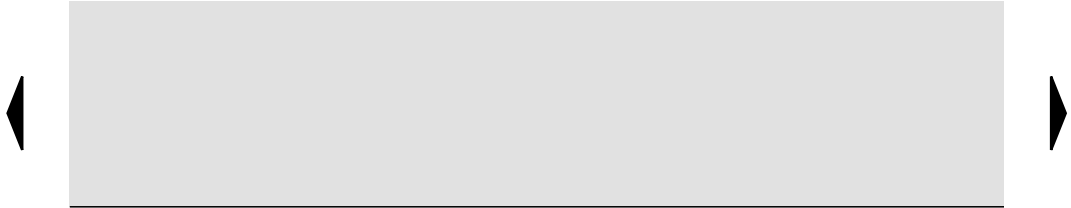
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TV tuner

- R78 TV tuner
- T20f 20-pin connector, red, on TV tuner
- \* without DVB-T-Set Top-Box
- \*\* with DVB-T-Set Top-Box



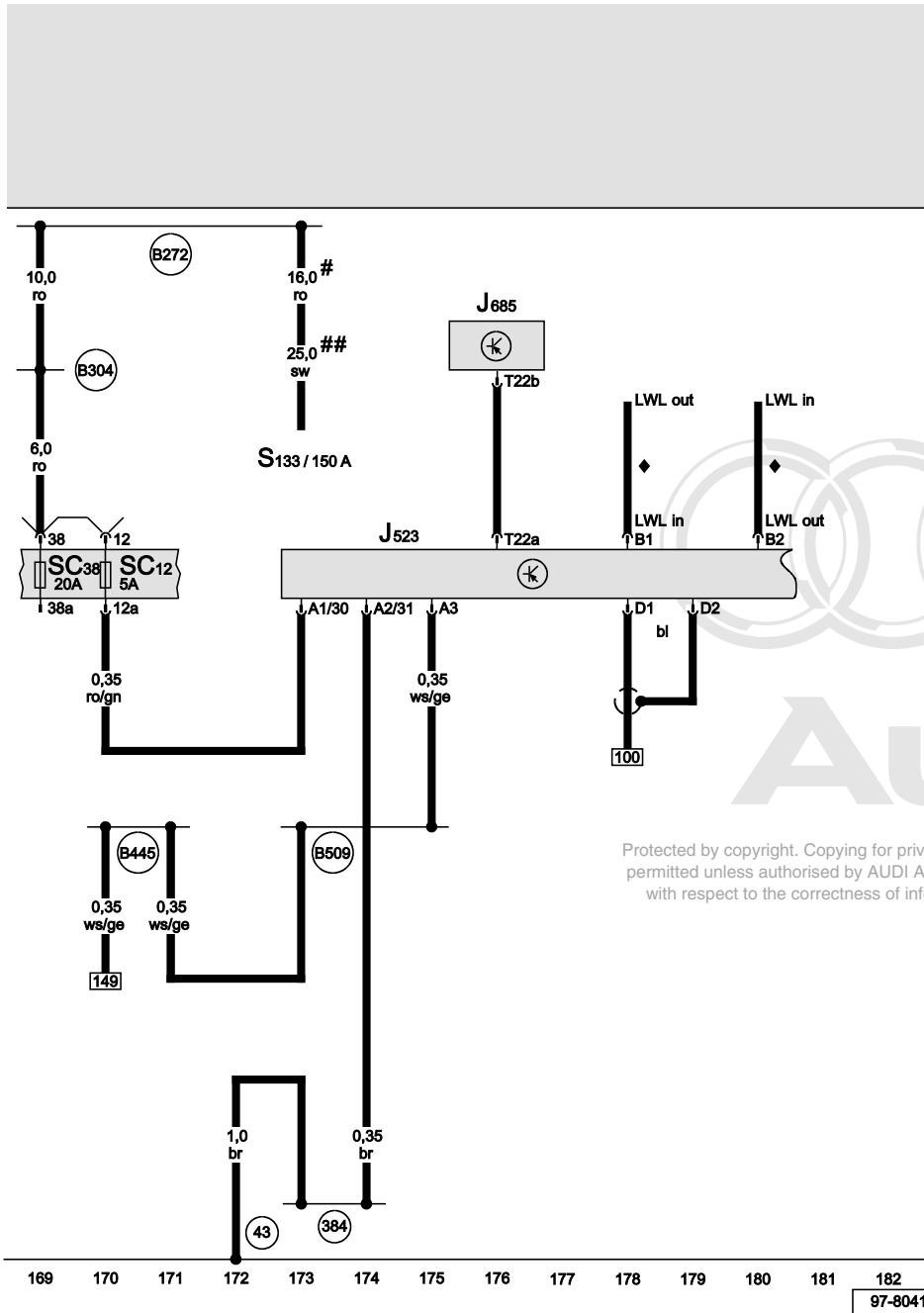
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Front information display and operating unit control unit, display unit for front information display and operating unit control unit, fuses

- J523 Front information display and operating unit control unit
- J685 Display unit for front information display and operating unit control unit
- S133 Fuse 3
- SC12 Fuse 12 on fuse holder
- SC38 Fuse 38 on fuse holder
- T22a 22-pin connector, connector C, on front information display and operating unit control unit
- T22b 22-pin connector, on display unit for front information display and operating unit control unit

- 43 Earth point, lower part of right A-pillar
- 384 Earth connection 19, in main wiring harness
- B272 Positive connection (30), in main wiring harness
- B304 Positive connection 8 (30), in main wiring harness
- B445 Connection 2 (diagnosis), in main wiring harness (ring brake diagnosis)
- B509 Connection 3 (diagnosis), in main wiring harness (ring brake diagnosis)
- # models with petrol engines
- ## models with diesel engines
- ◆ Fibre optic conductor, see Current Flow Diagram infotainment data bus (Most Ring)

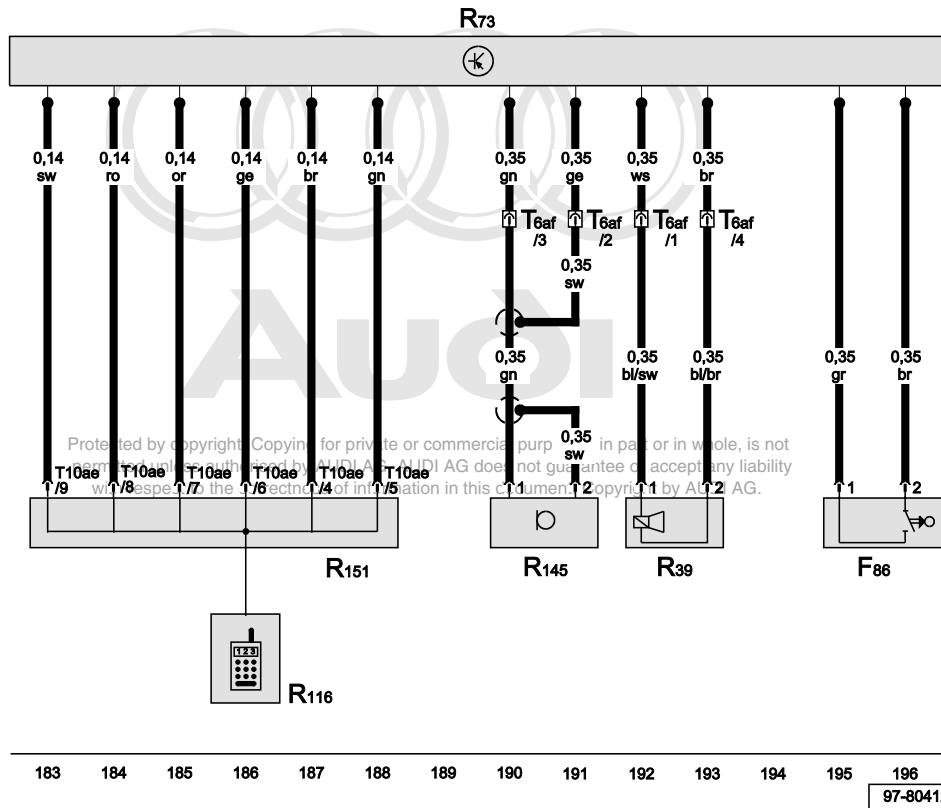


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Fax unit, telephone and navigation systems loudspeaker, telephone handset 2 (fax), rear right microphone, rear charger unit for telephone

- F86 Contact switch for fax device
- R39 Telephone and navigation systems loudspeaker
- R73 Fax unit
- R116 Telephone handset 2 (fax)
- R145 Rear right microphone
- R151 Rear charger unit for telephone
- T6af 6-pin connector, black, in rear centre console
- T10ae 10-pin connector, red, on rear charger unit for telephone (fax)



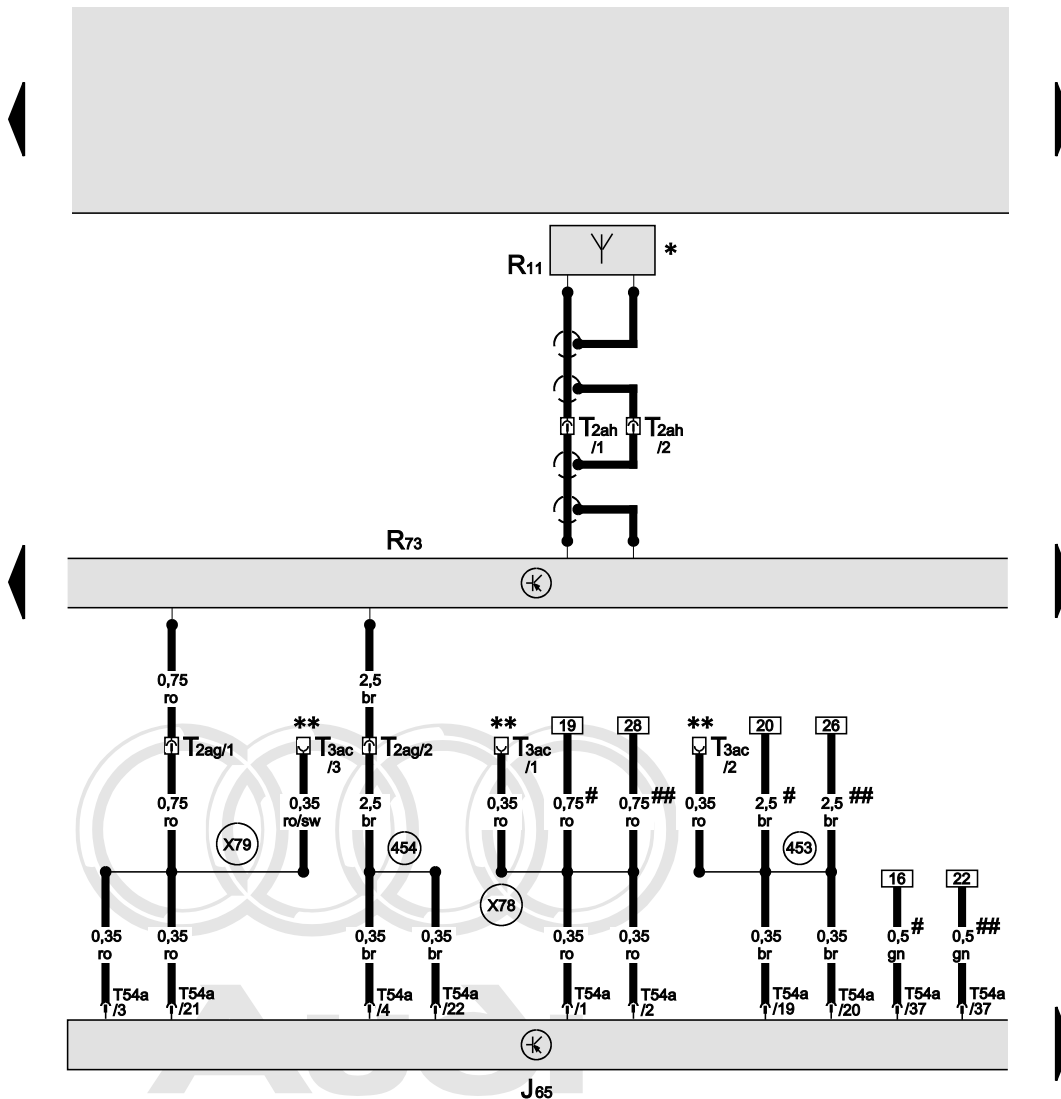
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Fax unit, fax device control unit, aerial

- J65 Fax device control unit
- R11 Aerial
- R73 Fax unit
- T2ag 2-pin connector, under rear centre console
- T2ah 2-pin connector, purple, under rear centre console
- T3ac 3-pin connector, in luggage compartment compensor
- T54a 54-pin connector, on fax device control unit

- (453) Earth connection 3, in optional equipment wiring harness
- (454) Earth connection 4, in optional equipment wiring harness
- (X78) Connection 1, in optional equipment wiring harness
- (X79) Connection 2, in optional equipment wiring harness

- \* under rear bumper
- \*\* no compensor installed
- # up to model year 2005
- ## from model year 2006

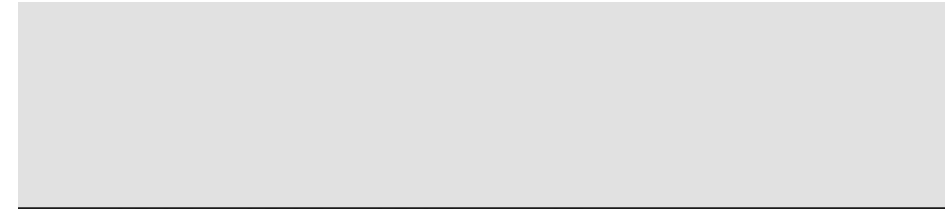


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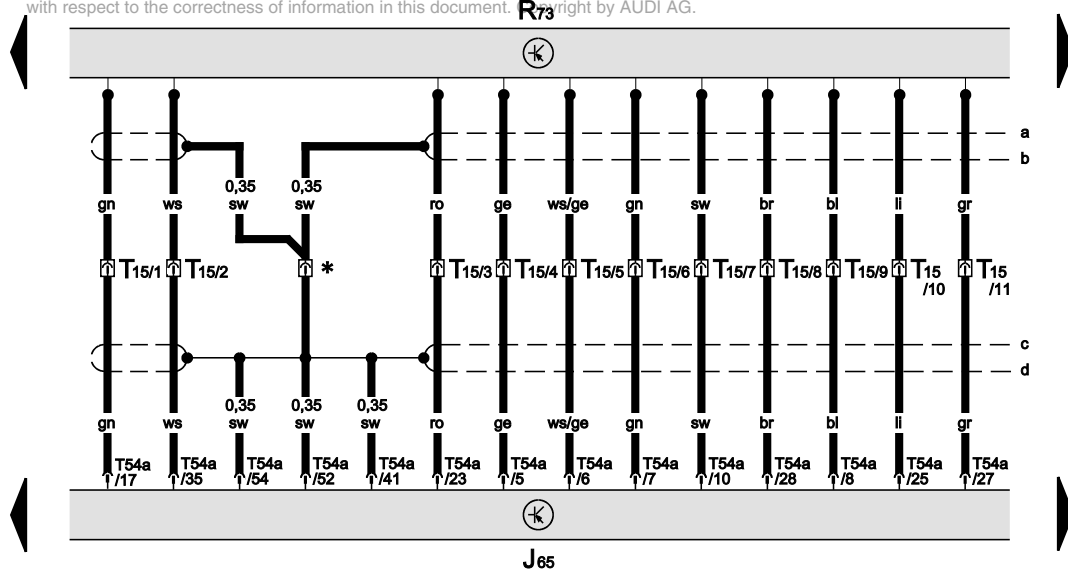
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Fax unit, fax device control unit

- J65 Fax device control unit
- R73 Fax unit
- T15 15-pin connector, under rear centre console
- T54a 54-pin connector, on fax device control unit
- \* screening on connector housing



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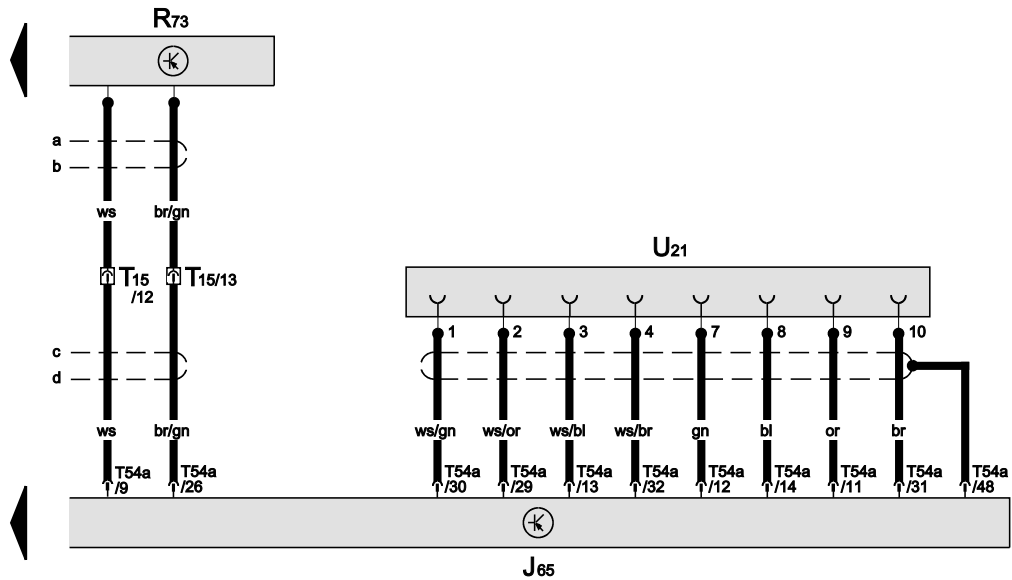


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Fax unit, fax device control unit, ethernet socket

- J65 Fax device control unit
- R73 Fax unit
- T15 15-pin connector, under rear centre console
- T54a 54-pin connector, on fax device control unit
- U21 Ethernet socket

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## Voltage supply external equipment

from model year 2005

### Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

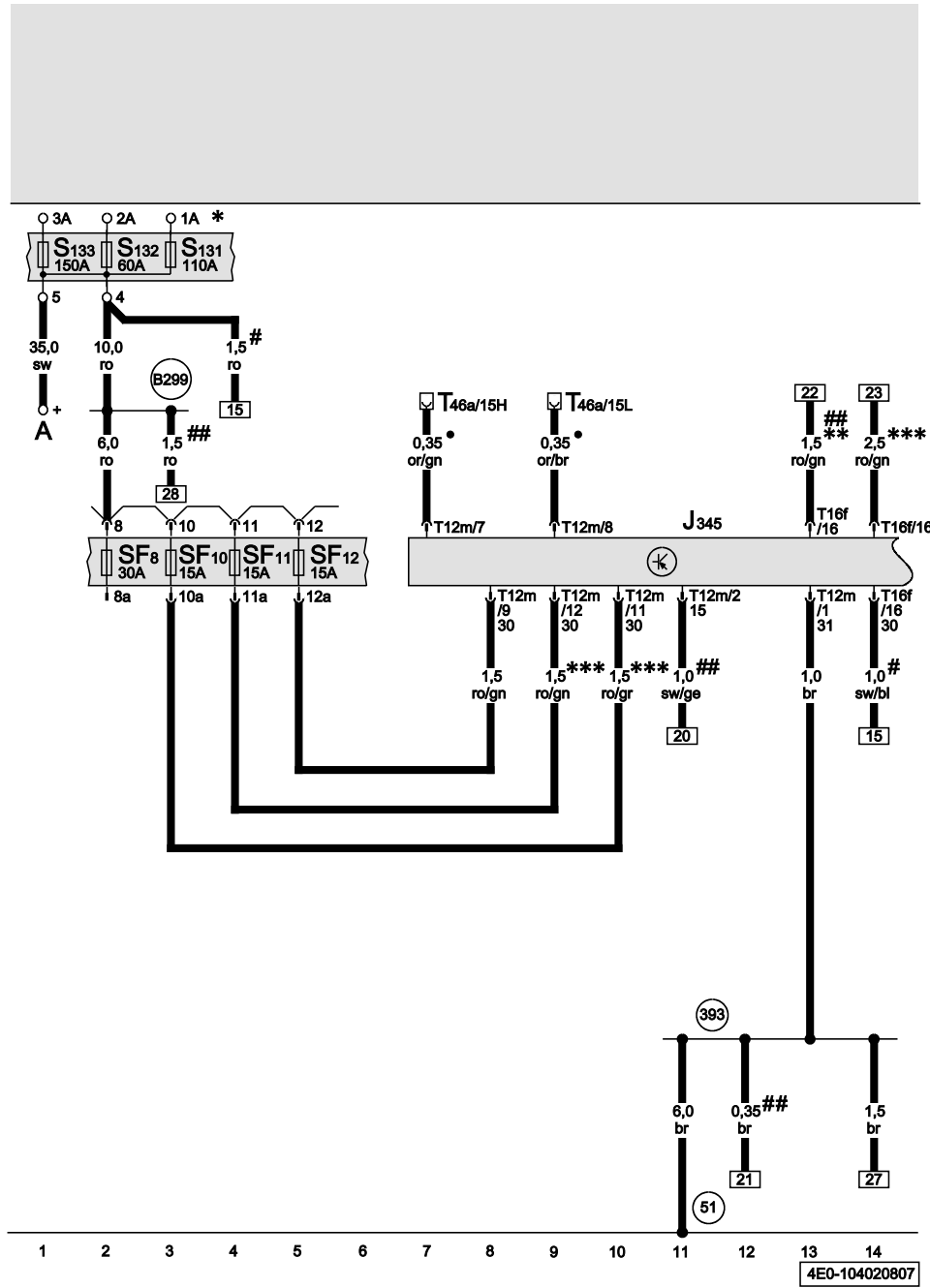
- ◆ Fault Finding Programs
- ⇒ guided fault finding



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Trailer detector control unit, fuses

- A Battery
- J345 Trailer detector control unit
- S131 Fuse 1, 110 A, in luggage compartment, rear right
- S132 Fuse 2, 60 A, in luggage compartment, rear right
- S133 Fuse 3, 150 A, in luggage compartment, rear right
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF11 Fuse 11 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T12m 12-pin connector, red, connector B, on trailer detector control unit
- T16f 16-pin connector, black, connector A, on trailer detector control unit
- T46a 46-pin connector, black, CAN separating connector left
- 51 Earth point, on right in luggage compartment
- 393 Earth connection 28, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- CAN bus (data wire)
- \* In luggage compartment, rear right
- \*\* models without trailer towing attachment
- \*\*\* models with trailer towing attachment
- # up to model year 2005
- ## from model year 2006



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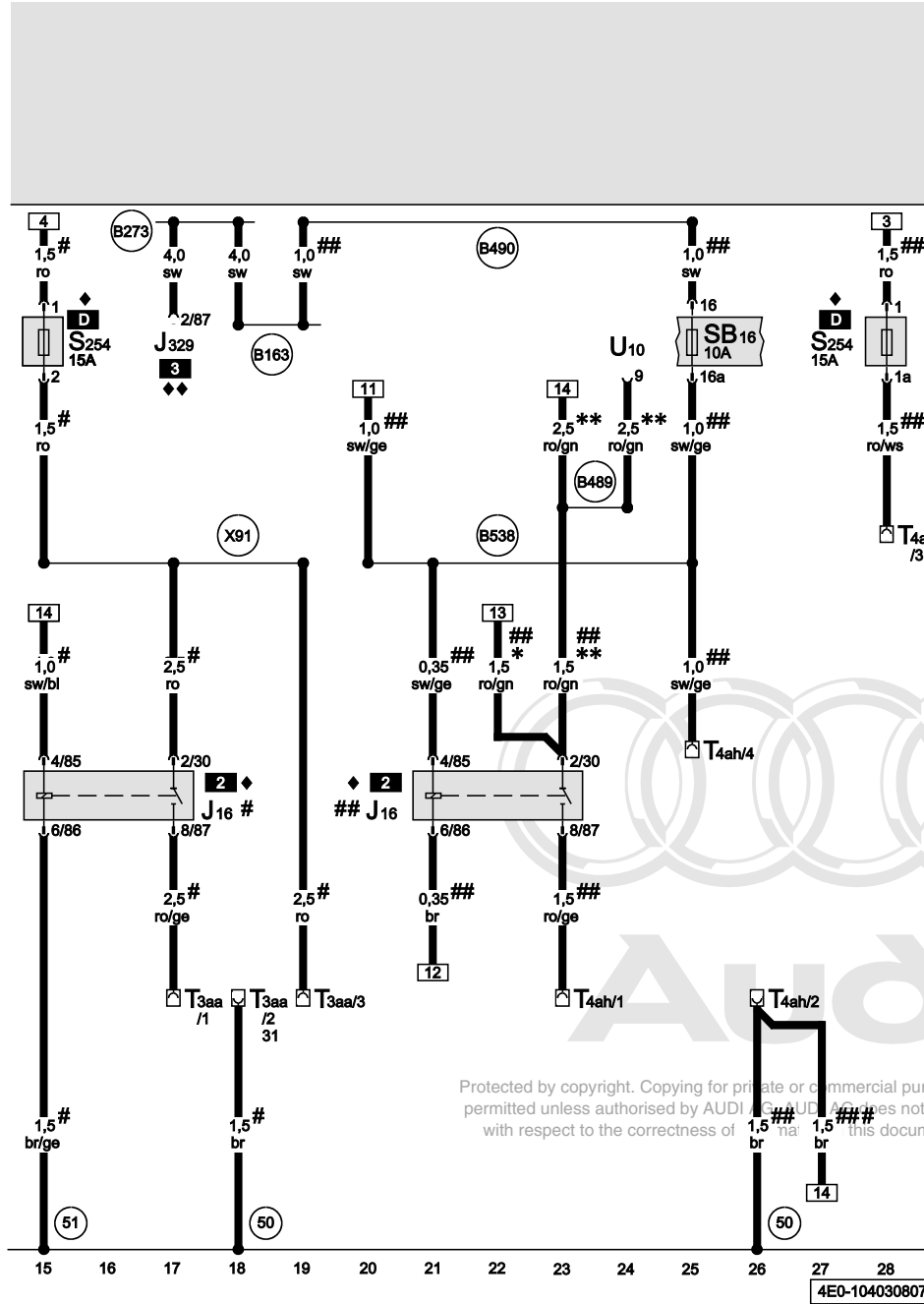
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Current supply relay, communications fuse

- J16 Current supply relay
- J329 Terminal 15 voltage supply relay
- S254 Communications fuse
- SB16 Fuse 16 on fuse holder B
- T3aa 3-pin connector, black, on left in luggage compartment
- T4ah 4-pin connector, black, on left in luggage compartment
- U10 Trailer socket

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- B163 Positive connection 1 (15), in interior wiring harness
- B273 Positive connection (15), in main wiring harness
- B489 Connection 25 in main wiring harness
- B490 Connection 26 in main wiring harness
- B538 Connection 29 in main wiring harness
- X91 Connection 1 (communication), in optional equipment wiring harness
- \* models without trailer towing attachment
- \*\* models with trailer towing attachment up to model year 2005
- ## from model year 2006
- ### from August 2007
- ◆ Relay and fuse carrier right in luggage compartment
- ◆◆ Relay and fuse carrier behind left dash panel



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