

Audi A4

Current Flow Diagram

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Edition 04.2005

Automatic anti-dazzle interior mirror

- Automatic headlight switching
- Surround lighting "coming-/leaving home"

from August 2004

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

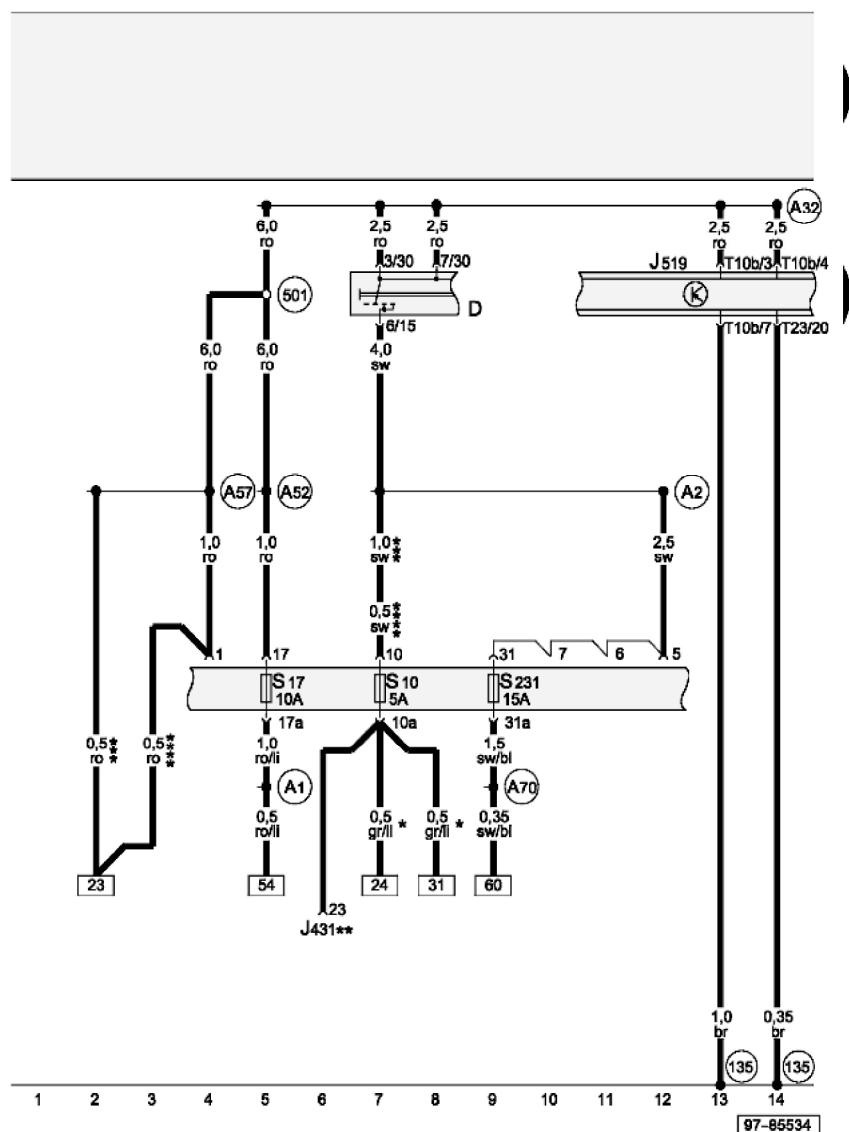
- ◆ Fault Finding Programs

→ guided fault finding

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Current Flow Diagram

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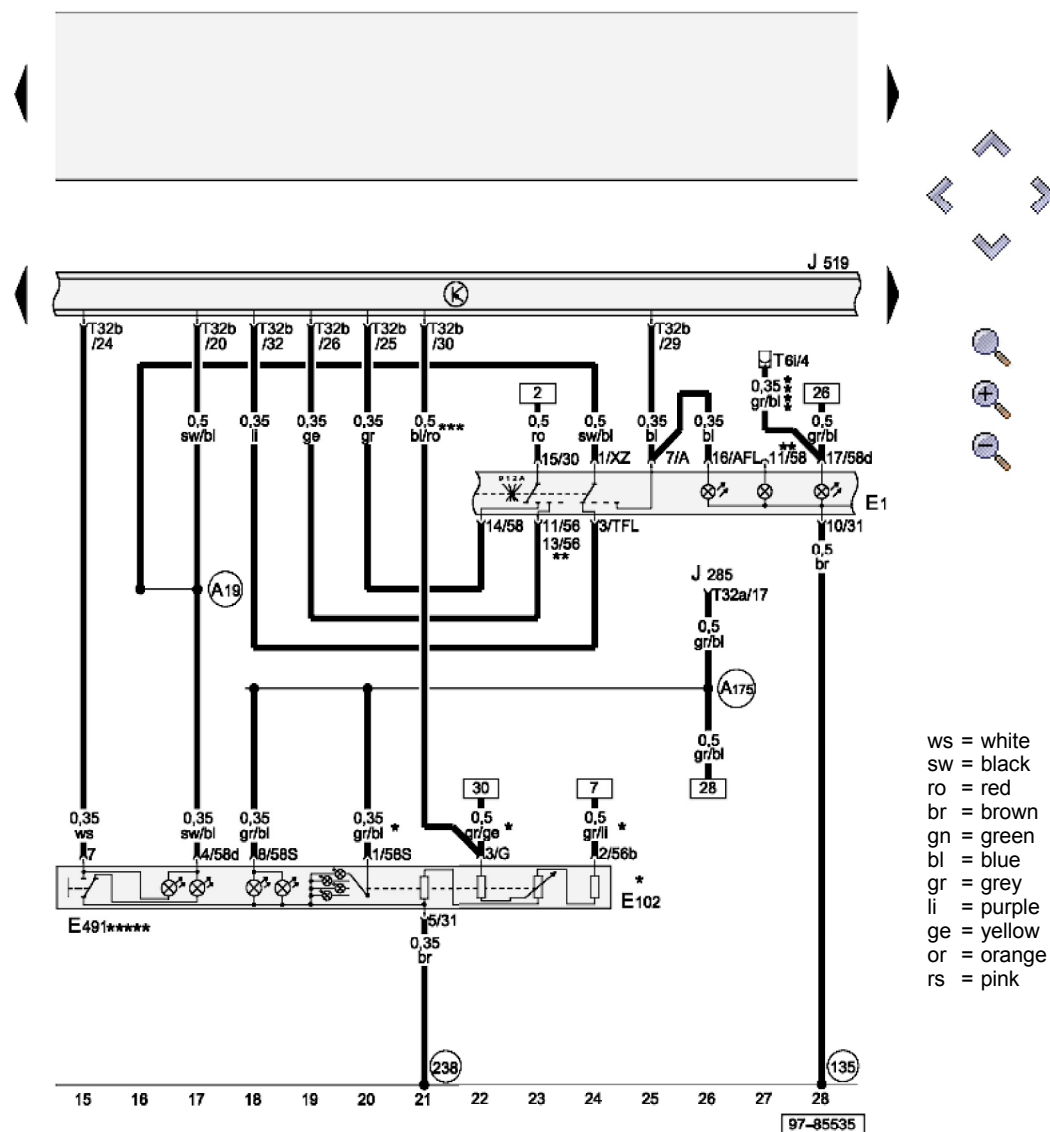
Onboard supply control unit, voltage supply

- D - Ignition/starter switch
- J431 - Headlight range control, control unit
- J519 - Onboard supply control unit
- S10 - Fuse in relay plate fuse holder
- S17 - Fuse in relay plate fuse holder
- S231 - Fuse in fuse holder
- T10b - 10-pin connector, black, on onboard supply control unit
- T23 - 23-pin connector, black, on onboard supply control unit
- 135 - Earth connection 2, in dash panel wiring harness
- 501 - Screw connection 2 (30), on relay plate
- A1 - Positive connection (30a), in dash panel wiring harness
- A2 - Positive connection (15), in dash panel wiring harness
- A32 - Positive connection (30), in dash panel wiring harness
- A52 - Positive connection 2 (30), in dash panel wiring harness
- A57 - Positive connection 3 (30), in dash panel wiring harness
- A70 - Connection (15a, fuse 231), in dash panel wiring harness
- * - for models with headlight range control only
- ** - for models with automatic headlight range control only
- *** - applicable up to model year 2005
- **** - applicable from model year 2006

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Current Flow Diagram

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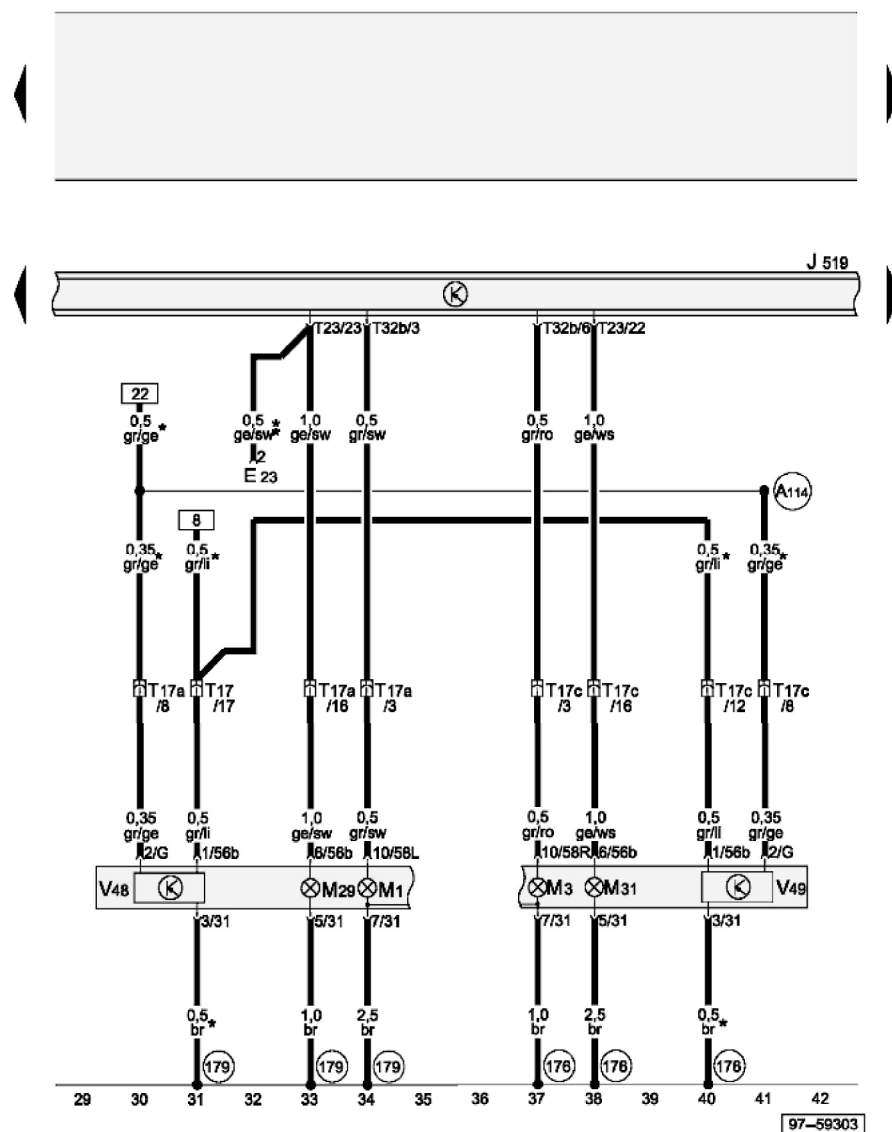
Onboard supply control unit, light switch, headlight range control regulator

- E1 - Light switch
- E102 - Headlight range control regulator
- E491 - Deactivation switch for surround lighting
- J285 - Control unit in dash panel insert
- J519 - Onboard supply control unit
- T6i - 6-pin connector, brown, behind side trim on rear left
- T32a - 32-pin connector, green, on dash panel insert
- T32b - 32-pin connector, grey, on onboard supply control unit
- 135 - Earth connection 2, in dash panel wiring harness
- 238 - Earth connection 1, in interior wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- A175 - Connection (58s), in dash panel wiring harness
- * - for models with headlight range control only
- ** - applicable from January 2005
- *** - for models without headlight range control only
- **** - For Avant models ⇒ see applicable Current Flow Diagram: Avant models, rear
- ***** - for models with automatic headlight range control only ⇒ applicable Current Flow Diagram headlight

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Current Flow Diagram

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Onboard supply control unit, side light bulb, headlight dipped beam bulb

- E23 - Front and rear fog light switch
- J519 - Onboard supply control unit
- M1 - Left side light bulb
- M3 - Right side light bulb
- M29 - Left dipped beam bulb
- M31 - Right dipped beam bulb
- T17 - 17-pin connector, black, coupling station on left of A-pillar
- T17a - 17-pin connector, red, coupling station on left of A-pillar
- T17c - 17-pin connector, red, coupling station on right of A-pillar
- T23 - 23-pin connector, black, on onboard supply control unit
- T32b - 32-pin connector, grey, on onboard supply control unit
- V48 - Left headlight range control motor
- V49 - Right headlight range control motor
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A114 - Connection (headlight range control), in dash panel wiring harness

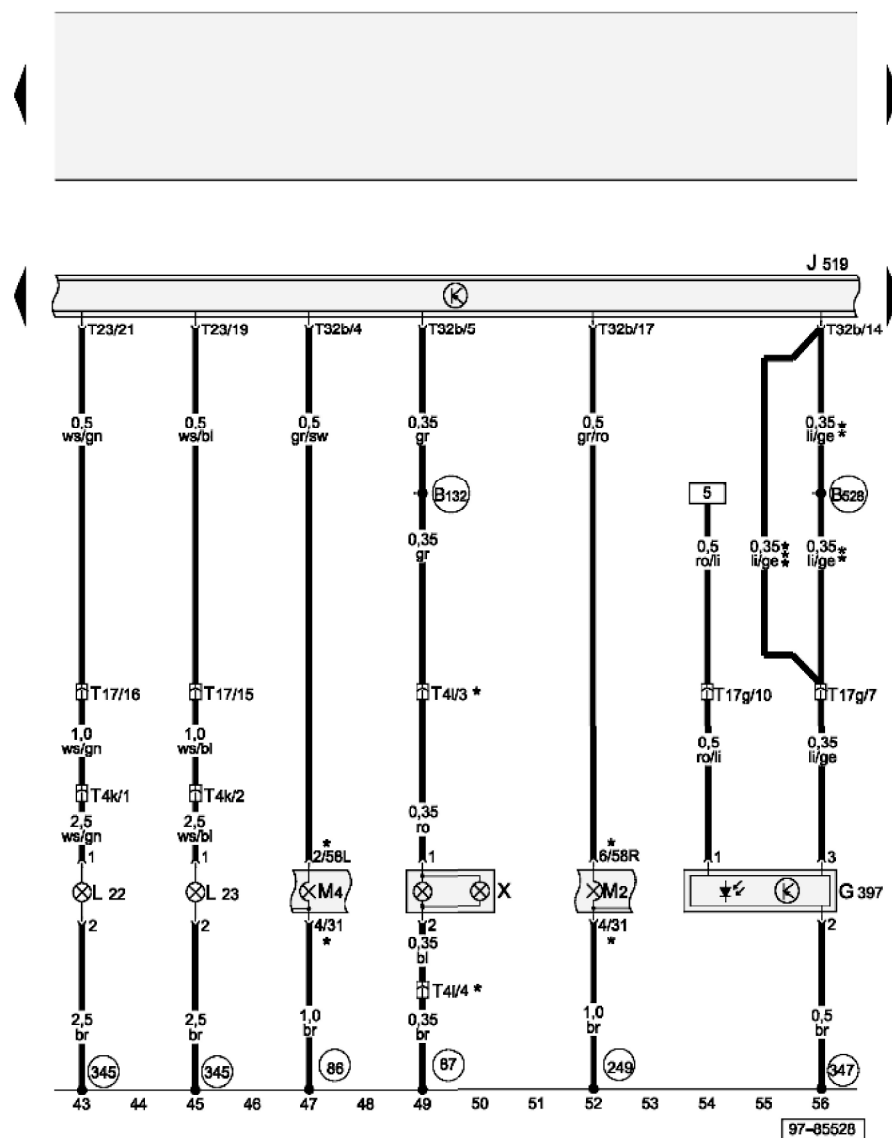
- * - for models with headlight range control only
- ** - for models with US equipment only

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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Current Flow Diagram

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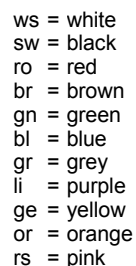
Onboard supply control unit, fog light bulb, number plate light, tail light bulb, rain and light detector sensor





- G397 - Rain and light detector sensor
- J519 - Onboard supply control unit
- L22 - Left fog light bulb
- L23 - Right fog light bulb
- M2 - Right tail light bulb
- M4 - Left tail light bulb
- T4k - 4-pin connector, black, near front bumper
- T4l - 4-pin connector, black, in rear lid
- T17 - 17-pin connector, black, coupling station on left of A-pillar
- T17g - 17-pin connector, dark brown, coupling station on left of A-pillar
- T23 - 23-pin connector, black, on onboard supply control unit
- T32b - 32-pin connector, grey, on onboard supply control unit
- X - Number plate light

- 86 - Earth connection 1, in rear wiring harness
- 87 - Earth connection 2, in rear wiring harness
- 249 - Earth connection 2, in interior wiring harness
- 345 - Earth connection, in bumper wiring harness
- 347 - Earth connection, in roof wiring harness
- B132 - Connection (number plate lights), in interior wiring harness
- B528 - Connection 1 (LIN bus), in main wiring harness

- * - For Avant models ⇒ see applicable Current Flow Diagram: Avant models, rear
- ** - applicable up to model year 2005
- *** - applicable from model year 2006

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- G399 - Light detector sensor
- J386 - Driver side door control unit 
- J387 - Front passenger door control unit 
- J519 - Onboard supply control unit 
- T10e - 10-pin connector, black, on driver side door control unit
- T10f - 10-pin connector, black, on front passenger side door control unit
- T17f - 17-pin connector, orange, coupling station on left of A-pillar
- T20 - 20-pin connector, black, door A-pillar left
- T20a - 20-pin connector, black, door A-pillar right
- T23 - 23-pin connector, black, on onboard supply control unit
- W - Front interior light
- Y7 - Automatic anti-dazzle interior mirror
- 44 - Earth point, lower part of left A-pillar 
- 347 - Earth connection, in roof wiring harness
- A87 - Connection (RL), in dash panel wiring harness
- A187 - Connection 1 (automatic anti-dazzle interior mirror), in dash panel wiring harness
- A188 - Connection 2 (automatic anti-dazzle interior mirror), in dash panel wiring harness
- * - for models with automatic anti-dazzle exterior mirror only
- ** - for models with solar roof cross-section 4,0 only