

Audi A4

Current Flow Diagram

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Edition 04.2006

Headlight for gaseous discharge light (Xenon plus) and automatic headlight range control

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

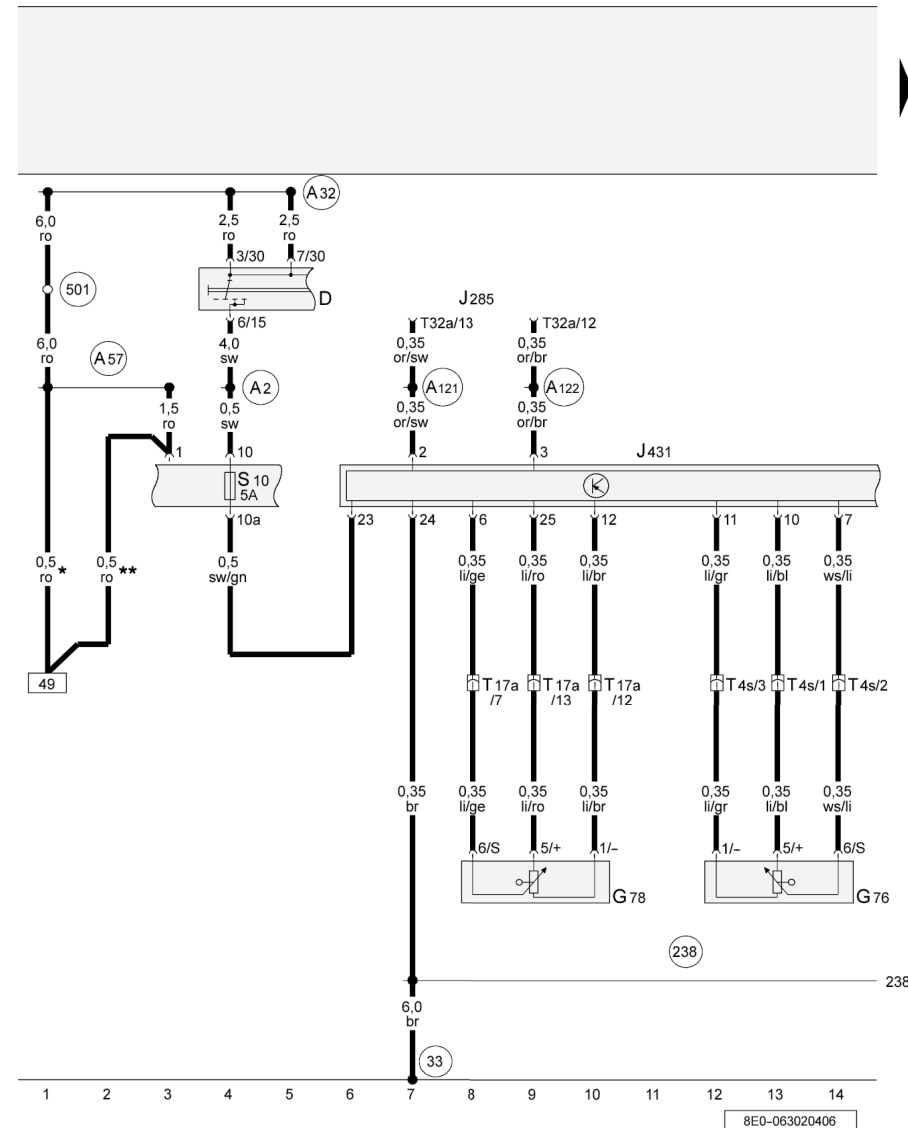
- ◆ Fault Finding Programs

→ guided fault finding

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Ignition/starter switch, fuses, vehicle level sender

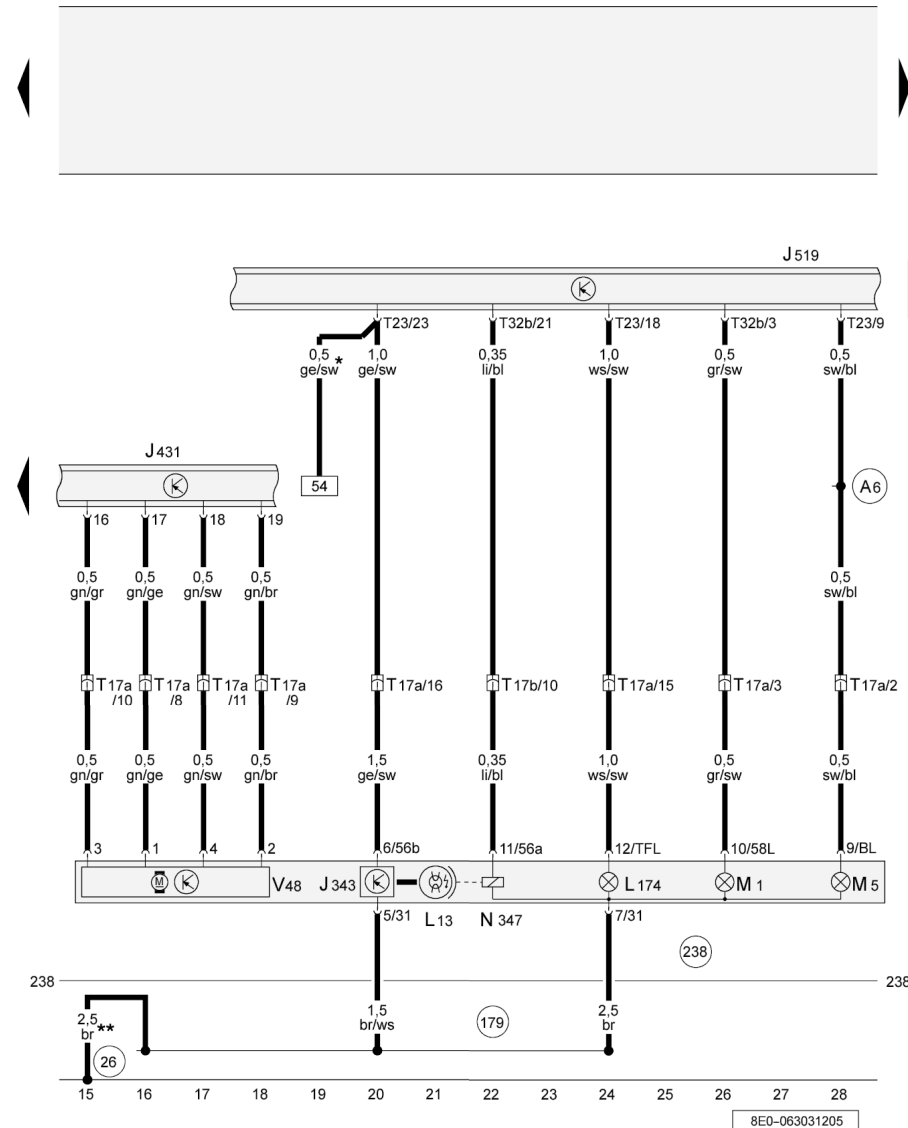
- D - Ignition/starter switch
- G76 - Rear left vehicle level sender
- G78 - Front left vehicle level sender
- J285 - Control unit in dash panel insert
- J431 - Headlight range control, control unit
- S10 - Fuses in relay plate fuse holder
- T4s - 4-pin connector, black, for rear left vehicle level sender
- T17a - 17-pin connector, red, coupling station on left of A-pillar
- T32a - 32-pin connector, green, on dash panel insert
- 33 - Earth point, on right behind dash panel
- 238 - Earth connection 1, in interior wiring harness
- 501 - Screw connection 2 (30), on relay plate
- A2 - Positive connection (15), in dash panel wiring harness
- A32 - Positive connection (30), in dash panel wiring harness
- A57 - Positive connection 3 (30), in dash panel wiring harness
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- * - applicable up to model year 2005
- ** - applicable from model year 2006

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

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Current Flow Diagram

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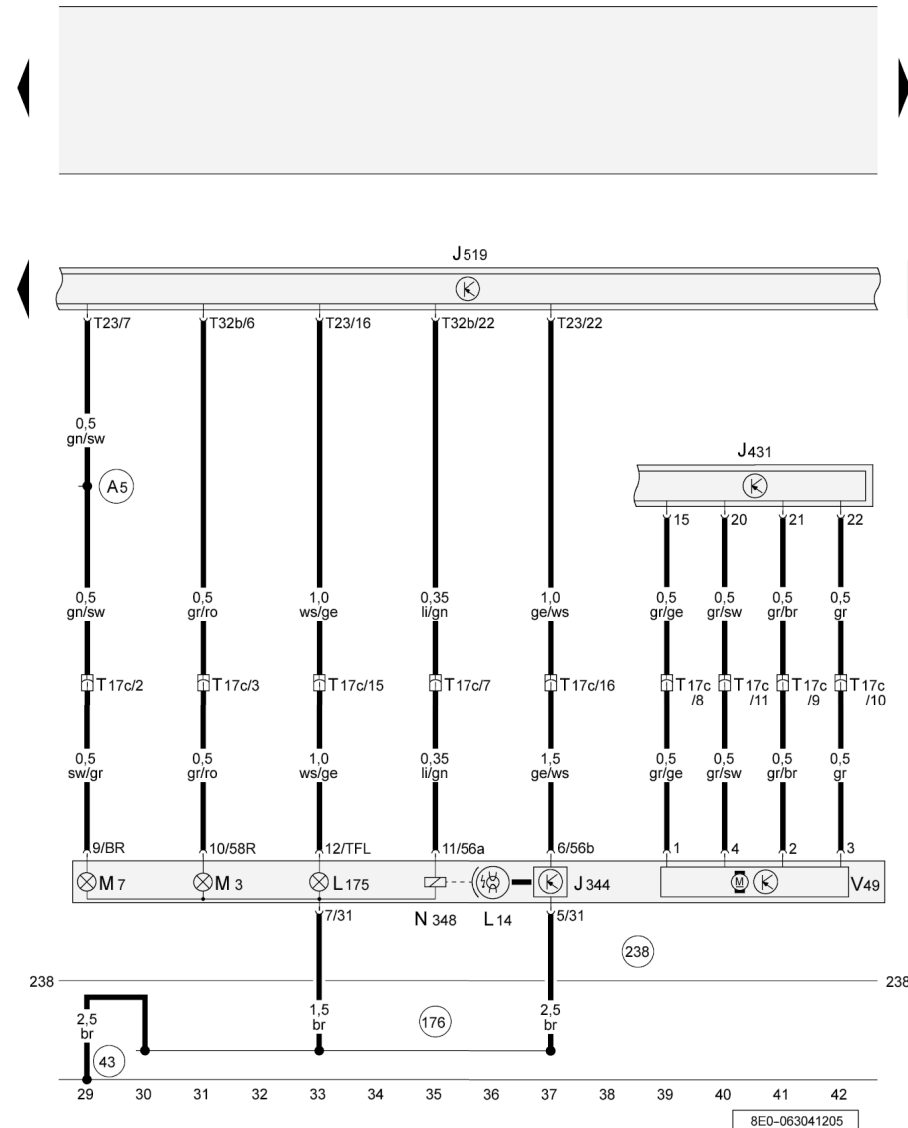
Left gas discharge (xenon) bulb

- J343 - Left gas discharge light control unit
- J431 - Headlight range control, control unit
- J519 - Onboard supply control unit
- L13 - Left gas discharge (xenon) bulb
- L174 - Left day driving light bulb
- M1 - Left side light bulb
- M5 - Front left turn signal bulb
- N347 - Left main and dip beam switch-over solenoid
- T17a - 17-pin connector, red, coupling station on left of A-pillar
- T17b - 17-pin connector, green, 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
- V48 - Left headlight range control motor
- 26 - Earth point, on front apron
- 179 - Earth connection, in left headlight wiring harness
- 238 - Earth connection 1, in interior wiring harness
- A6 - Positive connection (left turn signal), in dash panel wiring harness

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Right gas discharge (xenon) bulb

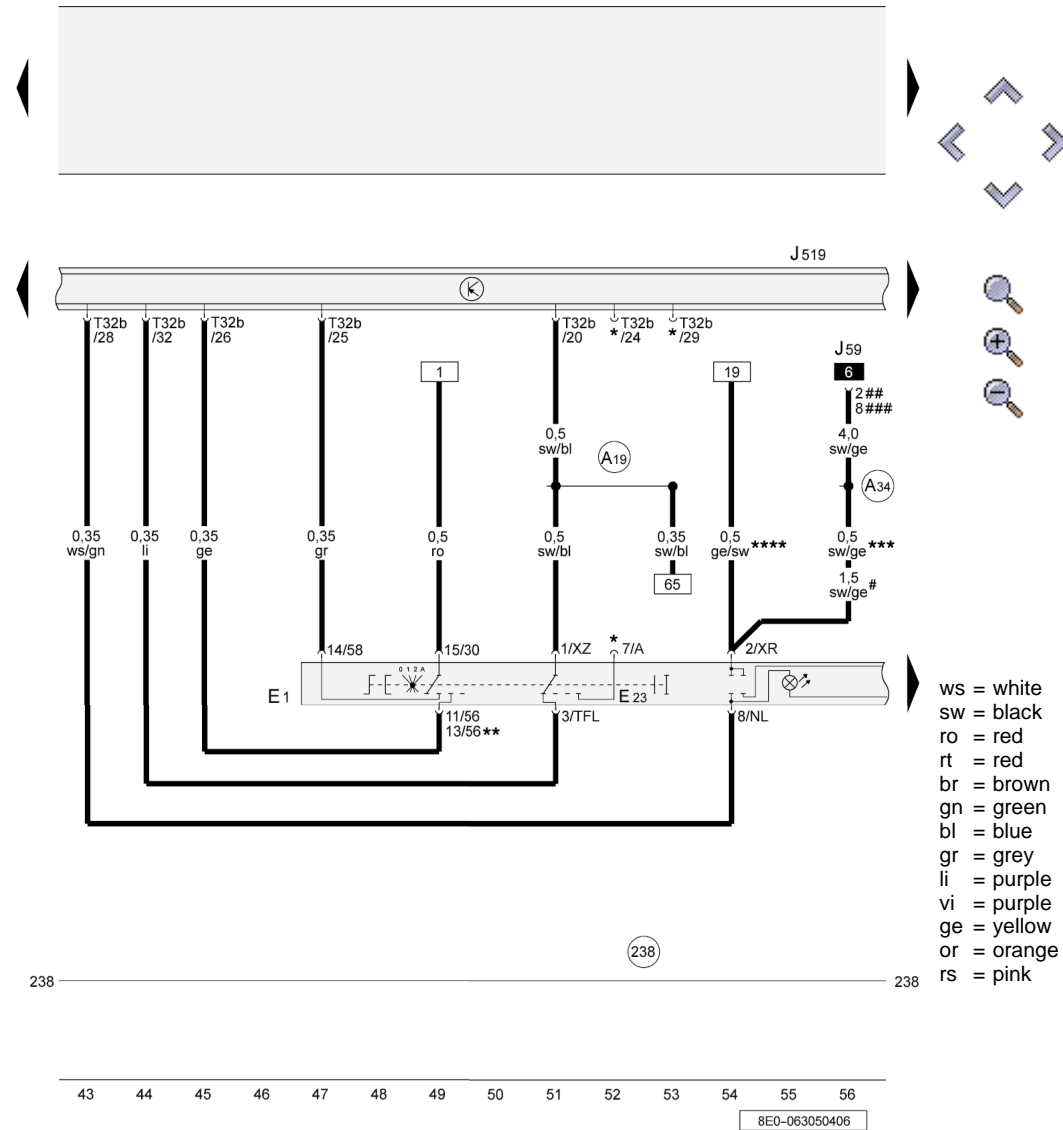
- J344 - Right gas discharge light control unit
- J431 - Headlight range control, control unit
- J519 - Onboard supply control unit
- L14 - Right gas discharge (xenon) bulb
- L175 - Right day driving light bulb
- M3 - Right side light bulb
- M7 - Front right turn signal bulb
- N348 - Right main and dip beam switch-over solenoid
- 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
- V49 - Right headlight range control motor
- 43 - Earth point, lower part of right A-pillar
- 176 - Earth connection, in right headlight wiring harness
- 238 - Earth connection 1, in interior wiring harness
- A5 - Positive connection (right turn signal), in dash panel wiring harness

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Current Flow Diagram

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Light switch

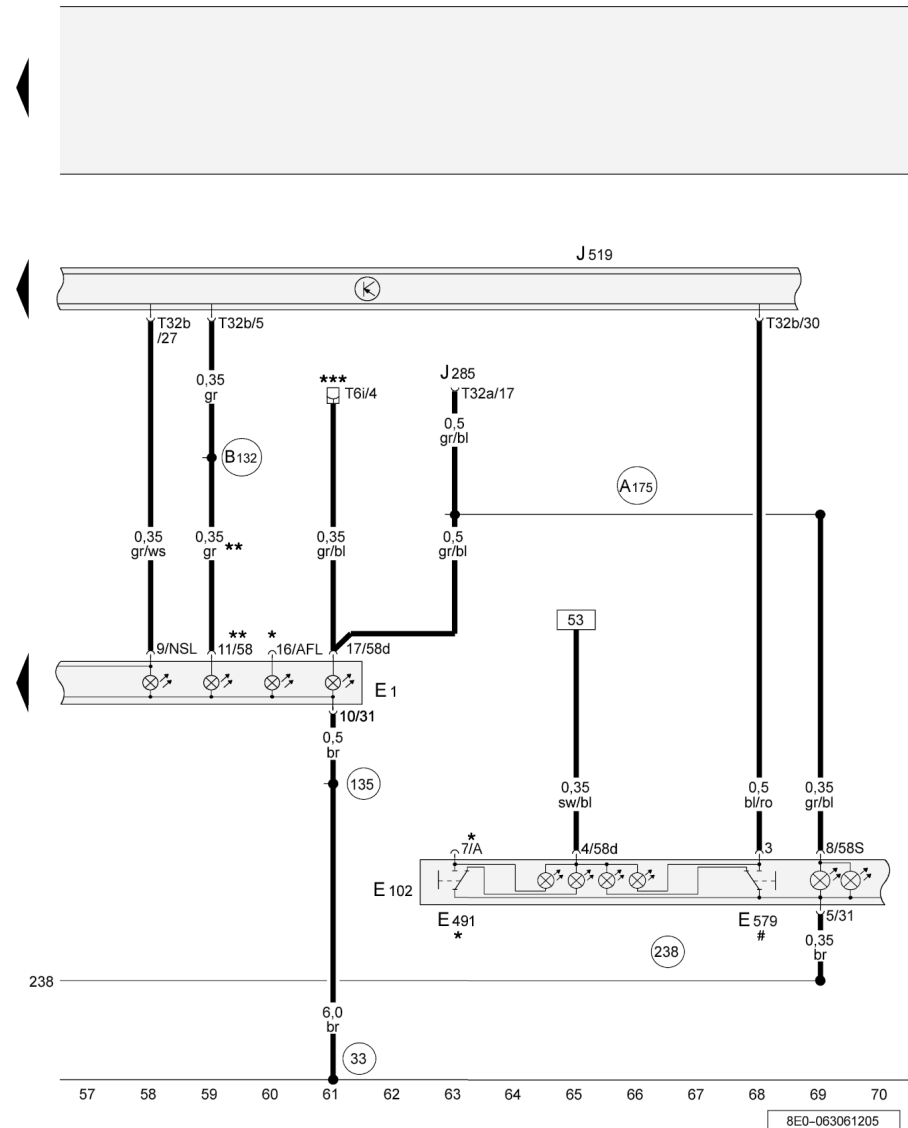
- E1 - Light switch
- E23 - Front and rear fog light switch
- J59 - X-contact relief relay
- J519 - Onboard supply control unit
- T32b - 32-pin connector, grey, on onboard supply control unit
- 238 - Earth connection 1, in interior wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- A34 - Connection (75x), in dash panel wiring harness
- * - for models with automatic headlight switching / surround lighting only, applicable Current Flow Diagram
- ** - applicable from January 2005
- *** - for models without US equipment only, applicable up to model year 2005
- **** - for models with US equipment only
- # - for models without US equipment only, applicable from model year 2006
- ## - applicable up to model year 2006
- ### - applicable from model year 2007

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Current Flow Diagram

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Headlight range control regulator

- E1 - Light switch
- E102 - Headlight range control regulator
- E491 - Deactivation switch for surround lighting
- E579 - Switch for day driving lights switch off
- 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
- 33 - Earth point, on right behind dash panel
- 135 - Earth connection 2, in dash panel wiring harness
- 238 - Earth connection 1, in interior wiring harness
- A175 - Connection (58s), in dash panel wiring harness
- B132 - Connection (number plate lights), in interior wiring harness
- * - for models with automatic headlight switching / surround lighting only, applicable Current Flow Diagram
- ** - applicable from January 2005
- *** - for Avant models see applicable Current Flow Diagram: Avant models, rear
- # - for models with day driving light (not for Canada) only

ws = white
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 ro = red
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 br = brown
 gn = green
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 li = purple
 vi = purple
 ge = yellow
 or = orange
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