

# Audi A4

## Current Flow Diagram

**No. 64 / 1**

Edition 04.2006

### Headlight for gaseous discharge light (Xenon, plus), dynamic cornering lights 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

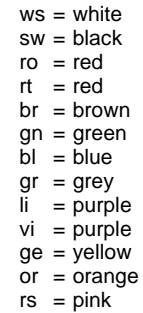
→ List of Fitting Locations!



For information concerning

- ◆ Fault Finding Programs

→ guided fault finding

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- D - Ignition/starter switch
- S10 - Fuses in relay plate fuse holder 
- S18 - Fuses in relay plate fuse holder 
- 501 - Screw connection 2 (30), on relay plate

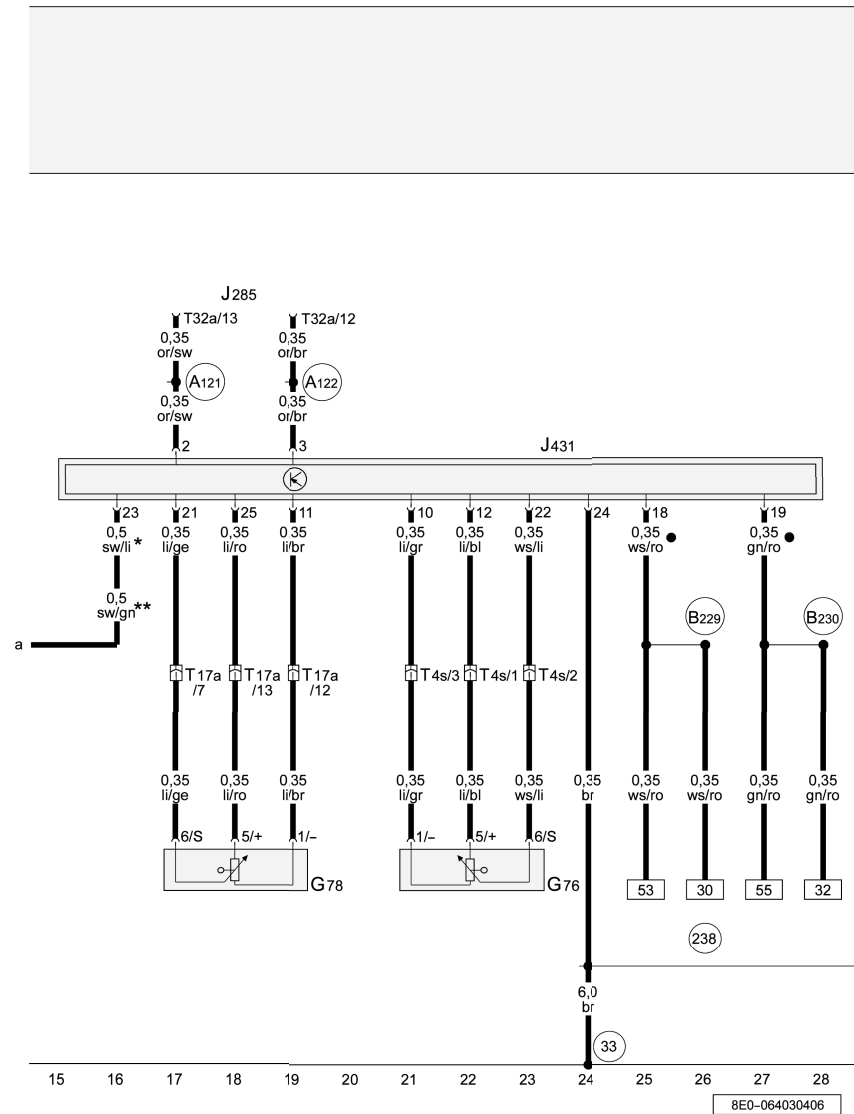
A2	- Positive connection (15), in dash panel wiring harness
A32	- Positive connection (30), in dash panel wiring harness
A57	- Positive connection 3 (30), in dash panel wiring harness

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

## Audi A4

## Current Flow Diagram

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## Vehicle inclination sender

- 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
- 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

A121 - Connection (high bus), in dash panel wiring harness

A122 - Connection (low bus), in dash panel wiring harness

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

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

\* - applicable up to model year 2005

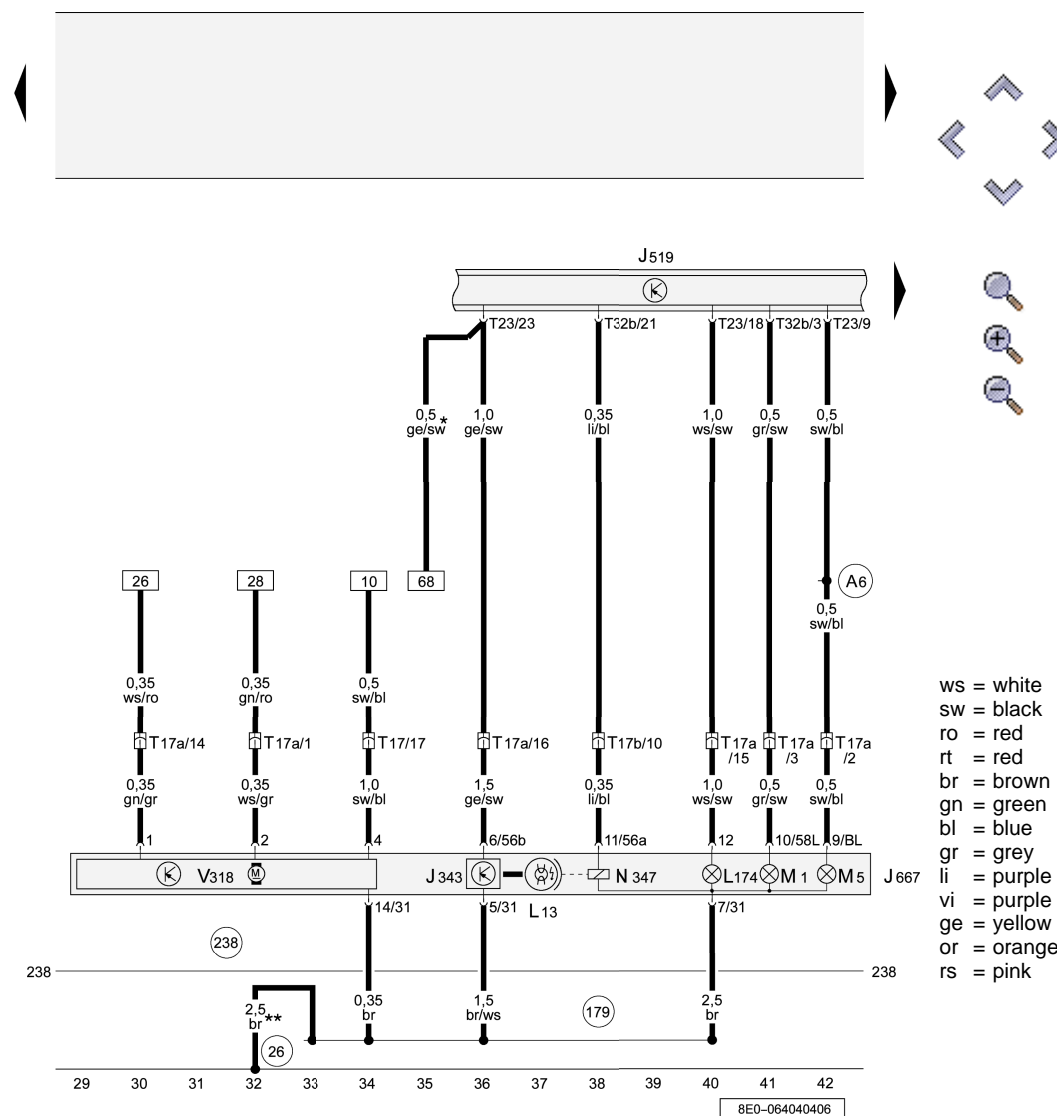
\*\* - applicable from model year 2006

• - Data bus wire (CAN bus)

## Audi A4

## Current Flow Diagram

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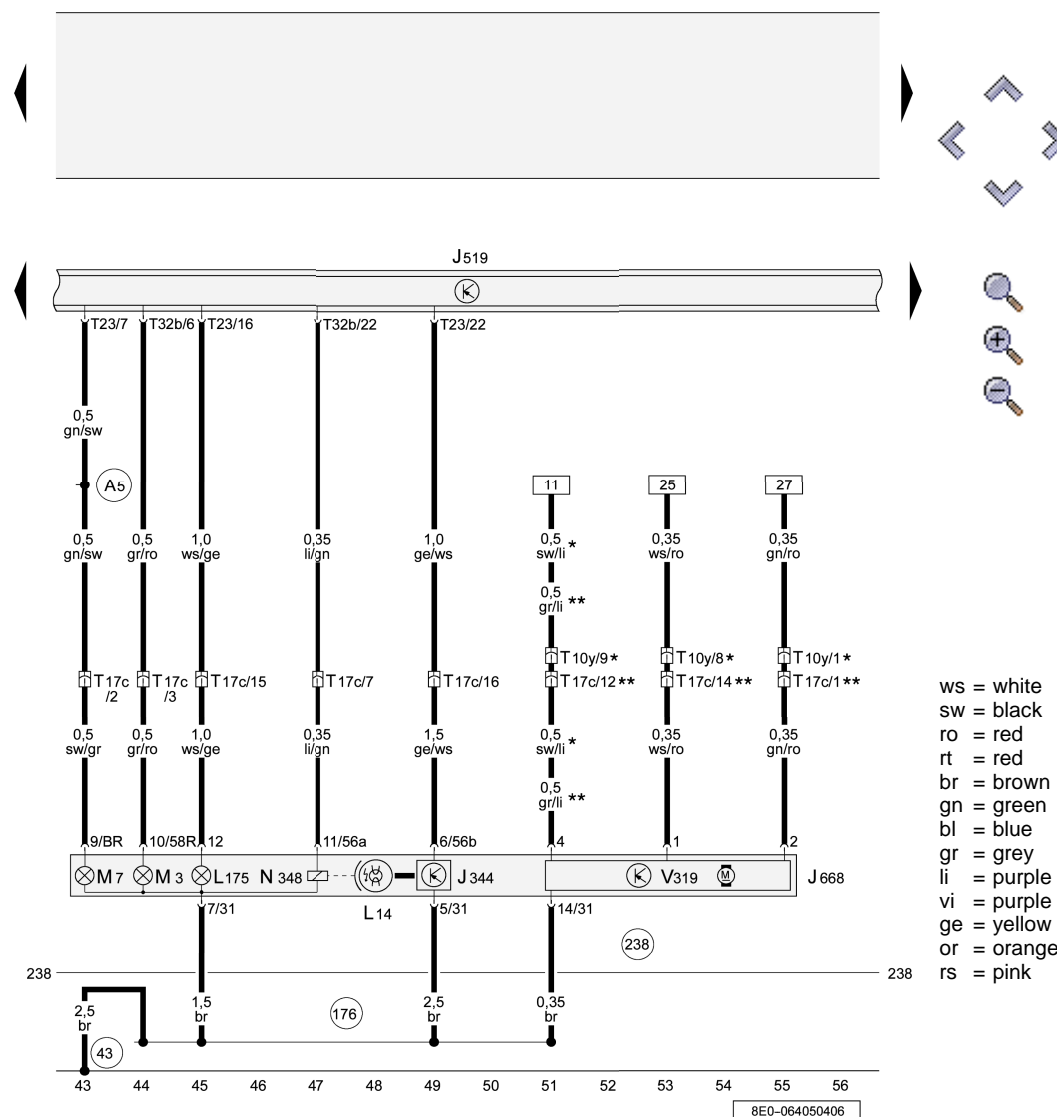
## Left gas discharge (xenon) bulb

- J343 - Left gas discharge light control unit
- J519 - Onboard supply control unit
- J667 - Power output module for left headlight
- 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
- T17 - 17-pin connector, black, coupling station on left of A-pillar
- 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
- V318 - Left dynamic cornering light 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
- \* - for models with US equipment only
- \*\* - Cross-section 4.0 possible

## Audi A4

## Current Flow Diagram

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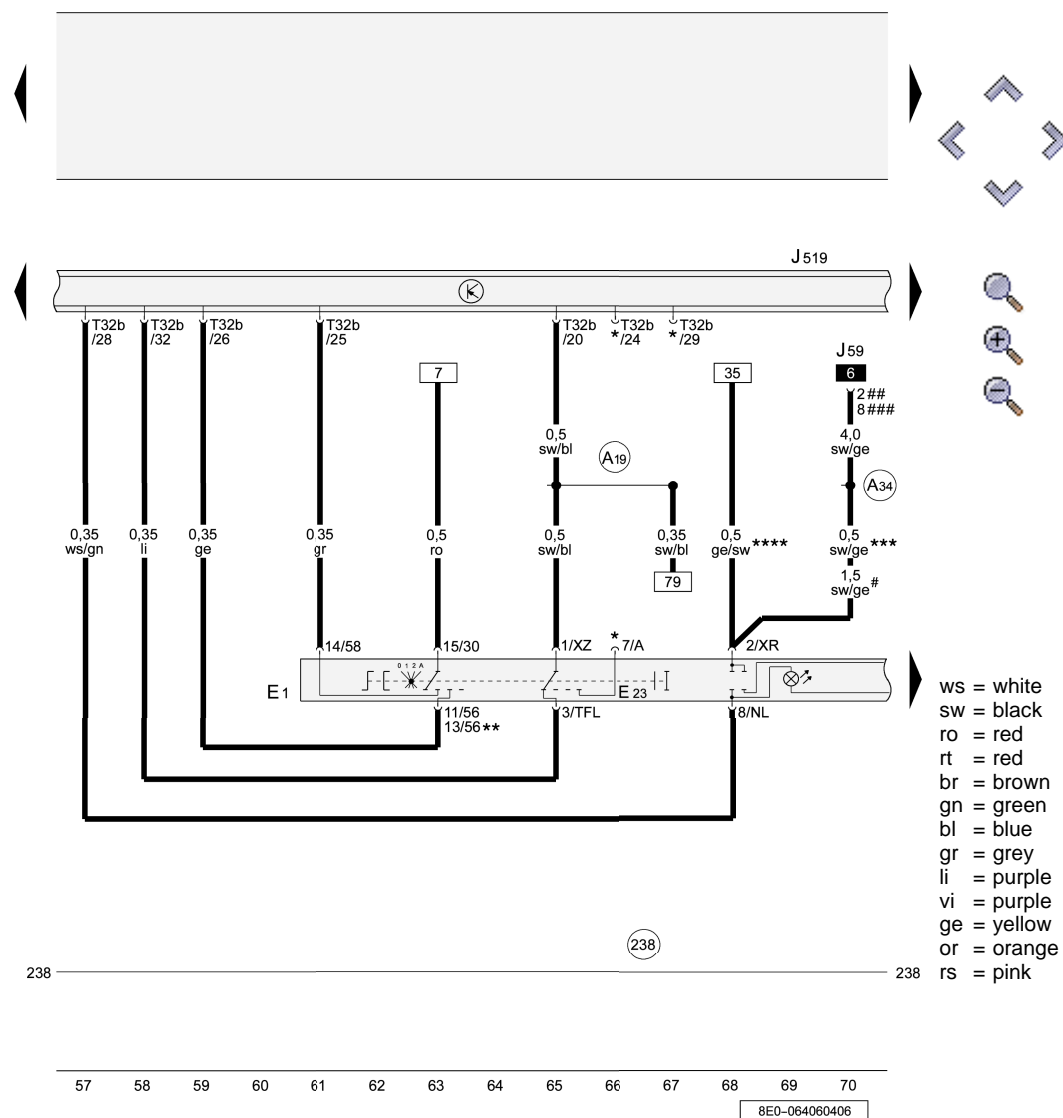
## Right gas discharge (xenon) bulb

- J344 - Right gas discharge light control unit
- J519 - Onboard supply control unit
- J668 - Power output module for right headlight
- 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
- T10y - 10-pin connector, blue, coupling station on right 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
- V319 - Right dynamic cornering light 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
- \* - applicable up to model year 2005
- \*\* - applicable from model year 2006

## Audi A4

## Current Flow Diagram

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## Light switch

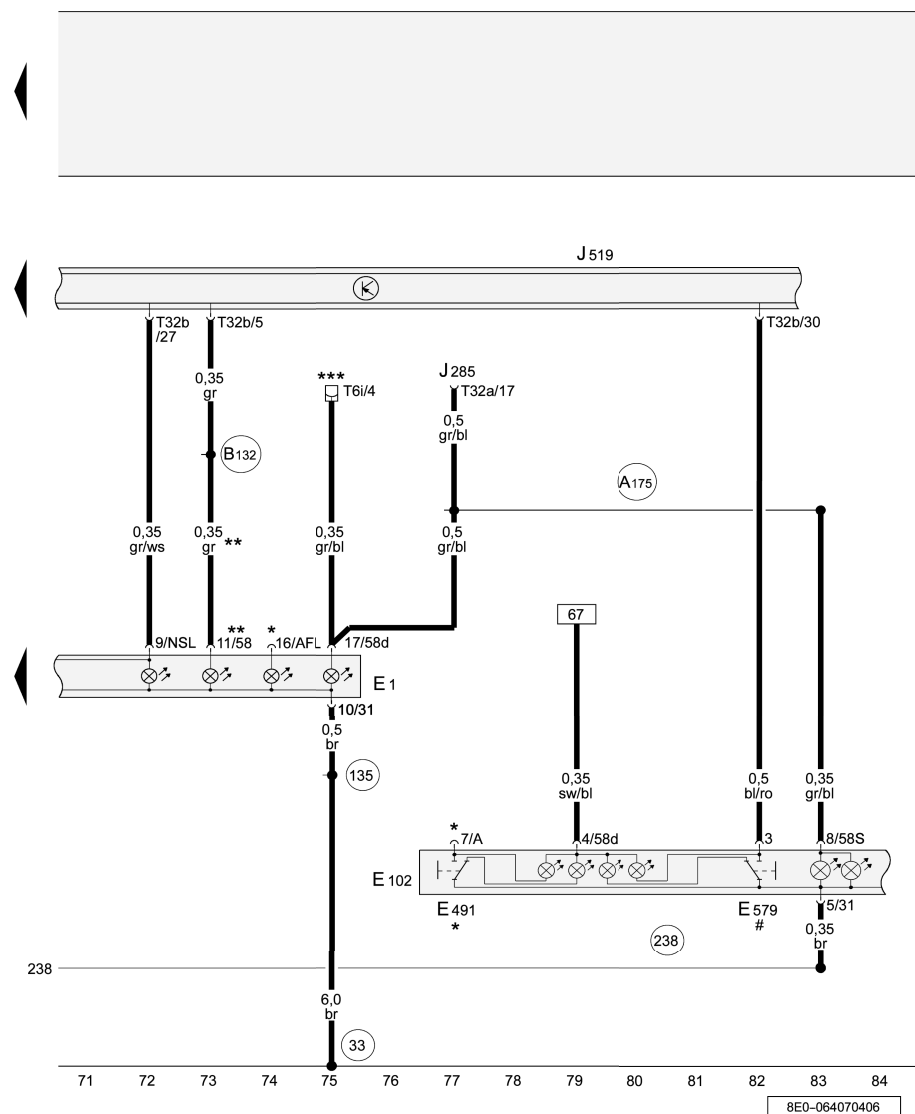
- E1 - Light switch
- E23 - Front and rear fog light switch
- J59 - X-contact relief relay
- J519 - Onboard supply control unit
- T32b - 32-pin connector, grey, on onboard supply control unit
- 238 - Earth connection 1, in interior wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- 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

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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## 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