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Audi A4 Current Flow Diagram

**Edition 04.2006** 

No. 64/1

# Headlight for gaseous discharge light (Xenon, plus), dynamic cornering lights and automatic headlight range control

from August 2004

# Notes:

For information concerning

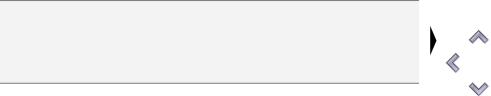
- Position of relays and fuses
- ♦ Multi-pin connections
- Control units and relays
- ♦ Earth connections
- → List of Fitting Locations!

For information concerning

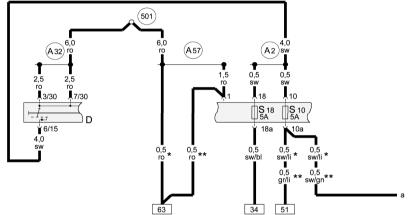
- ♦ Fault Finding Programs
- → guided fault finding

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Audi A4 No. 64/2 **Current Flow Diagram** 







sw = black ro = redrt = redbr = browngn = greenbl = blue gr = grey li = purple vi = purple ge = yellow or = orange rs = pink

ws = white

Ignition/starter switch, fuses

- Ignition/starter switch Ď

S10 - Fuses in relay plate fuse holder 🔘

S18 Fuses in relay plate fuse holder 🔘

- Screw connection 2 (30), on relay plate 501

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

- Positive connection (30), in dash panel wiring harness A32

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

- applicable up to model year 2005

- applicable from model year 2006

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# Audi A4 **Current Flow Diagram** Vehicle inclination sender - Rear left vehicle level sender G78 - Front left vehicle level sender J285 Control unit in dash panel insert J431 - Headlight range control, control unit - 4-pin connector, black, for rear left vehicle level sender T4s - 17-pin connector, red, coupling station on left of A-pillar T17a T32a - 32-pin connector, green, on dash panel insert Earth point, on right behind dash panel 33 **J**285 ¥ T32a/13 ¥ T32a/12 - Earth connection 1, in interior wiring harness 238 A121 A122 - Connection (high bus), in dash panel wiring harness A121 **J**431 <u>(K)</u> - Connection (low bus), in dash panel wiring harness A122 ¥12 0,35 li/bl ¥22 0,35 ws/li 10 € **ڀ**18 0,35 gn/ro 0,35 li/gr - Connection (high bus), in interior wiring harness B229 (B229) (B230) - Connection (low bus), in interior wiring harness B230 ∰T4s/3 ∰T4s/1 ∰T4s/2 ws = white - applicable up to model year 2005 sw = black \*\* - applicable from model year 2006 ro = redrt = red- Data bus wire (CAN bus) 0,35 ws/li br = brown0,35 br 0,35 0,35 li/ro 0.35 li/br 0.35 gn = greenbl = blue 5/+ 5/+ 6/S gr = grey ₩. = purple 53 30 vi = purple ge = yellow (238) or = orange rs = pink 33 27 28 8E0-064030406

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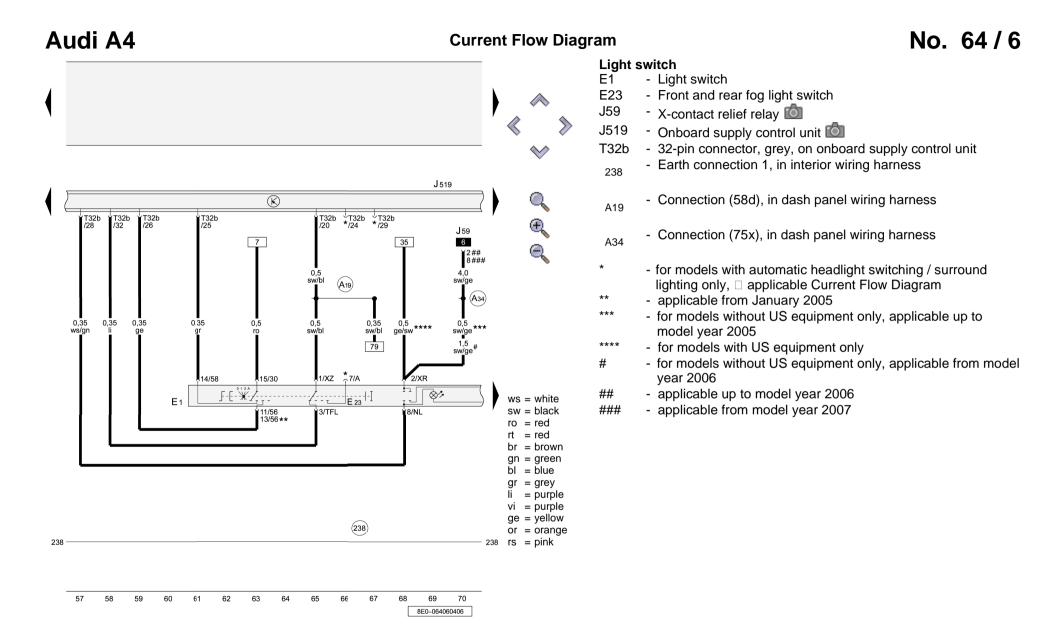
#### Audi A4 **Current Flow Diagram** Left gas discharge (xenon) bulb J343 - Left gas discharge light control unit J519 Onboard supply control unit - Power output module for left headlight J667 - Left gas discharge (xenon) bulb L13 L174 - Left day driving light bulb - Left side light bulb M1 M5 - Front left turn signal bulb J519 N347 - Left main and dip beam switch-over solenoid <u>(K)</u> Q - 17-pin connector, black, coupling station on left of A-pillar T17 T23/23 (T23/18 T32b/3 T23/9 (T32b/21 - 17-pin connector, red, coupling station on left of A-pillar T17a - 17-pin connector, green, coupling station on left of A-pillar T17b T23 - 23-pin connector, black, on onboard supply control unit 0,5 \* ge/sw - 32-pin connector, grey, on onboard supply control unit T32b - Left dynamic cornering light control motor V318 Earth point, on front apron 26 - Earth connection, in left headlight wiring harness 10 68 (A6) 26 28 179 - Earth connection 1, in interior wiring harness 238 0,35 ws/ro 0,35 gn/ro 0,5 sw/bl ws = white - Positive connection (left turn signal), in dash panel wiring sw = black A6 ro = redharness <sup>♣</sup>T17a/14 <sup>™</sup>T17a/1 ₫T17/17 ∰T17a/16 ☐T17a ☐T17a ☐T17a /15 /3 /2 <sup>®</sup>T17b/10 rt = red- for models with US equipment only br = brown0,35 ws/gr 1,0 sw/bl 1,5 ge/sw 0,35 li/bl 1,0 ws/sw 0,5 ar/sw 0,35 gn = green- Cross-section 4.0 possible bl = blue11/56a 10/58L 9/BL gr = grey J 343 🖹 🕳 (\$\dag{5}) (K) V318 ∰ ⊗L174⊗M1 ⊗M5 - 🔁 N 347 = purple vi = purple (5/31 L<sub>13</sub> (14/31 ge = yellow (238) or = orange rs = pink 238 1,5 br/ws (179) 26 8E0-064040406

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### Audi A4 No. 64/5 **Current Flow Diagram** Right gas discharge (xenon) bulb - Right gas discharge light control unit J519 Onboard supply control unit - Power output module for right headlight J668 - Right gas discharge (xenon) bulb L14 L175 - Right day driving light bulb М3 - Right side light bulb M7 - Front right turn signal bulb **J**519 N348 - Right main and dip beam switch-over solenoid (K) - 10-pin connector, blue, coupling station on right of A-pillar ¥T32b/6 ¥T23/16 T32b/22 T23/22 (T23/7 - 17-pin connector, red, coupling station on right of A-pillar T17c - 23-pin connector, black, on onboard supply control unit T23 T32b - 32-pin connector, grey, on onboard supply control unit - Right dynamic cornering light control motor V319 Earth point, lower part of right A-pillar 43 (A5) 25 27 - Earth connection, in right headlight wiring harness 0,35 0,35 176 0,5 gr/li - Earth connection 1, in interior wiring harness 238 ∯T10y/9\* <sup>®</sup>T10y/8★ ∰T10y/1★ - Positive connection (right turn signal), in dash panel wiring T17c/1\*\* T17c/12\*\* <sup>1</sup> T17c/14 \*\* T17c T17c T17c/15 <sup>™</sup>T17c/7 T17c/16 ws = white A5 sw = black 0,5 sw/li 1,5 ge/ws ro = red- applicable up to model year 2005 rt = red- applicable from model year 2006 br = brown0,5 gr/li gn = green= blue 9/BR 10/58R 12 11/56a gr = grey ⊗M7 ⊗M3 ⊗L175 N 348 🕁 --√(5) **—** 🕟 J 344 (K) V319 ∰ = purple vi = purple 14/31 ge = yellow 238 or = orange rs = pink 0,35 br (176) 56 55

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## Audi A4 No. 64/7 **Current Flow Diagram** Headlight range control regulator - Light switch E1 E102 - Headlight range control regulator - Deactivation switch for surround lighting - Switch for day driving lights switch off E579 J285 Control unit in dash panel insert J519 Onboard supply control unit - 6-pin connector, brown, behind side trim on rear left T6i **J** 519 - 32-pin connector, green, on dash panel insert T32a <u>(K)</u> 32-pin connector, grey, on onboard supply control unit T32b T32b /27 T32b/5 T32b/30 Earth point, on right behind dash panel 33 J 285 T32a/17 \*\*\* □ T6i/4 0,35 - Earth connection 2, in dash panel wiring harness 0,5 135 (B132) (A175) - Earth connection 1, in interior wiring harness 238 0,35 0,35 gr/ws - Connection (58s), in dash panel wiring harness A175 67 - Connection (number plate lights), in interior wiring harness 9/NSL 11/58 \*16/AFL 17/58d B132 8% ⊗% 8% Ε1 ws = white - for models with automatic headlight switching / surround sw = black ¥10/31 lighting only, □ applicable Current Flow Diagram ro = red- applicable from January 2005 rt = red(135) 0,35 sw/bl br = brown- for Avant models □ see applicable Current Flow Diagram: gn = greenAvant models, rear = blue 4/58d - for models with day driving light (not for Kanada) only gr = grey li = purple E 102 vi = purple E 579 E 491 ge = yellow 238 or = orange rs = pink(33 72 73 74 77 78 8E0-064070406