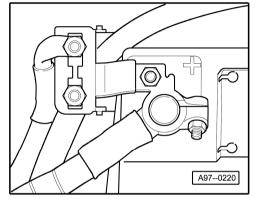
Audi A4

Current Flow Diagram

No. 42/1 Edition 04.2004

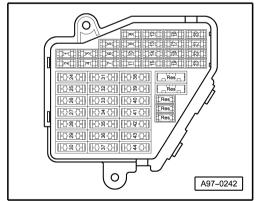
Basic equipment - Highline From model year 2002

Main fuse



• On battery

Fuse box



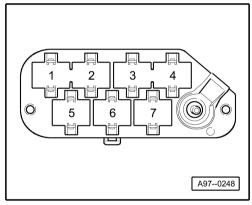
• Dash panel, driver's side Fuse colours 30 A - green

25 A - white 20 A - yellow 15 A - blue 10 A - red 7.5 A - brown 5 A - beige



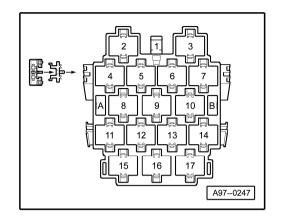
From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

Connector point with screw connection



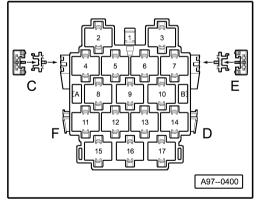
- In electronics box, plenum chamber
 - 1 10-pin connector, black (T10)
 - 2 10-pin connector, brown (T10a)
 - 3 17-pin connector, red (T17d)
 - 6 17-pin connector, white (T17e)

Connector point, A pillar



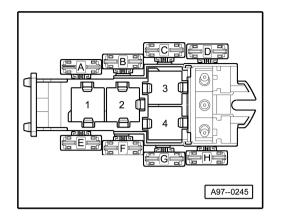
- On left-hand side, bottom, behind side trim
 - 13 10-pin connector, purple (T10c)
 - 15 17-pin connector, green (T17b)
 - 16 17-pin connector, red (T17a)
 - 17 17-pin connector, black (T17)

Connector point, A pillar



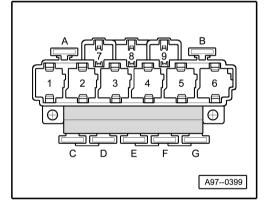
 On right hand-side, bottom, behind trim 15 - 17-pin connector, red (T17c)

4-point relay carrier with screw connection



• Dash panel, driver's side

9-point relay carrier with vehicle voltage control unit

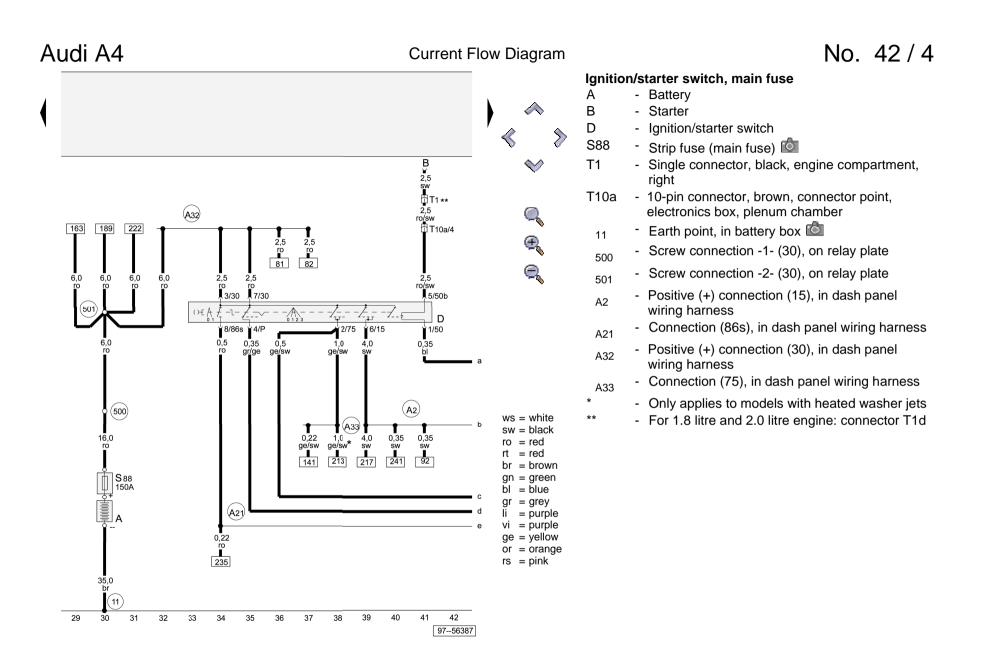


- Dash panel, driver's side, behind 3-point relay carrier
 - 3 Dual tone horn relay (J4)
 - 6 X contact relief relay (J59)

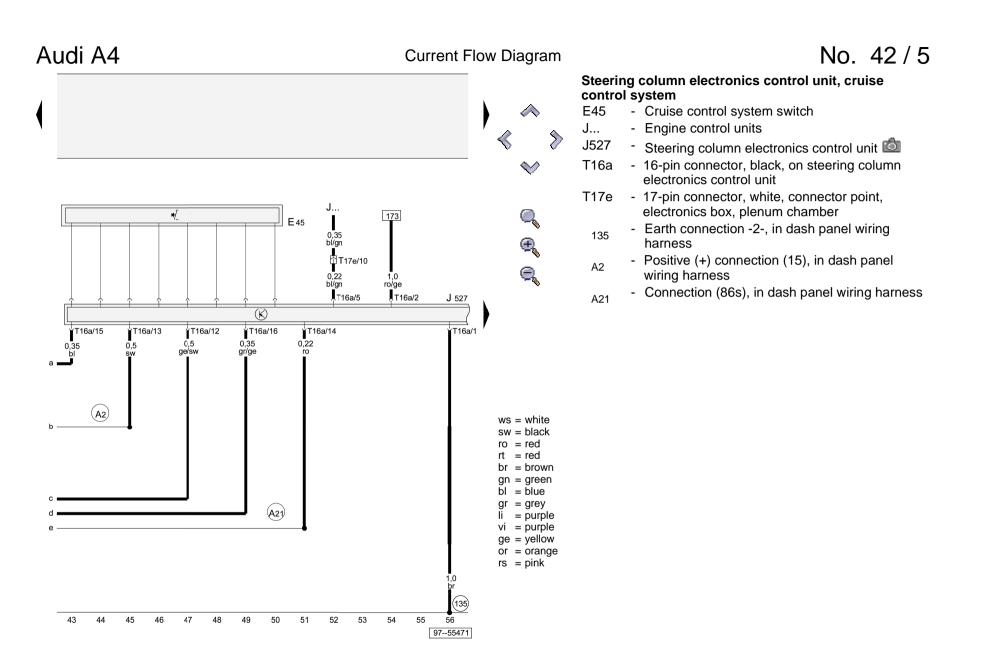
Audi A4	Current Flow Diagram	No. 42/2
		 Farth connections F4k - 4-pin connector, black, near front bumper a Earth strap, engine - body 12 Earth point, in engine compartment, left 2 a Earth point, on front apron 2 50 Earth point, luggage compartment, left 2 50 Earth point, lower part of right B pillar 2 51 Earth connection -1-, in front right wiring harness 52 Earth connection -1-, in rear wiring harness 53 Earth connection -1-, in left headlight wiring harness 54 Earth connection -2-, in interior wiring harness 55 Earth connection, in bumper, horn/fog light wiring harness
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = purple yi = purple ge = yellow or = orange rs = pink 97-58978	

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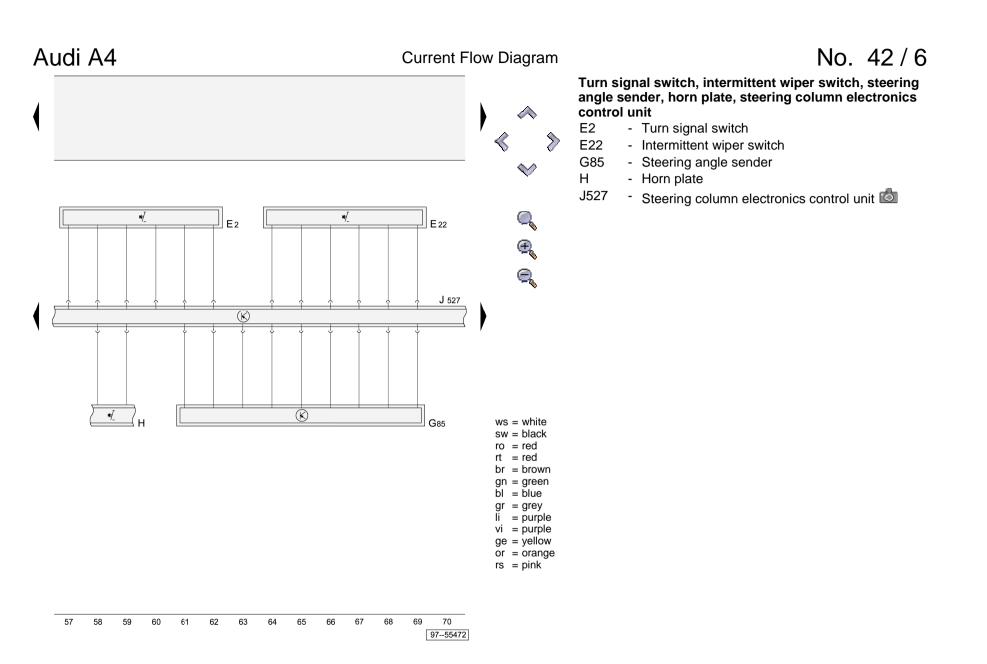
Audi A4	Current Flow Diagram	No. 42/3
	Earti T10c	 h connections c - 10-pin connector, purple, connector point, A pillar, left - Earth point, behind dash panel, left
	32 33 43 44 49 49 49 77 € 81 135 176 238 261 ws = white sw = black ro = red rt = red br = brown gn = greey bl = blue gr = grey	 Earth point, behind dash panel, right in Earth point, lower part of right A pillar in Earth point, lower part of left A pillar in Earth point, near convenience system central control unit in Earth point, lower part of left B pillar in Earth connection -1-, in dash panel wiring harness Earth connection, in right headlight wiring harness Earth connection -1-, in interior wiring harness Earth connection -1-, in interior wiring harness Earth connection -1-, in interior wiring harness
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	i = purple i = purple ge = yellow or = orange rs = pink f(1) = purple ge = yellow or = orange rs = pink	



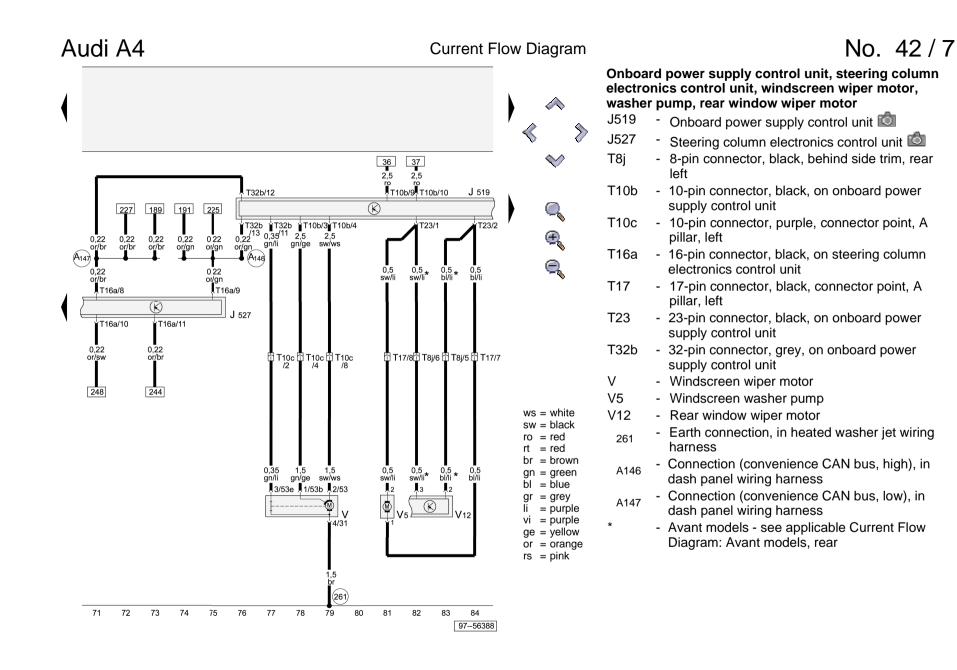
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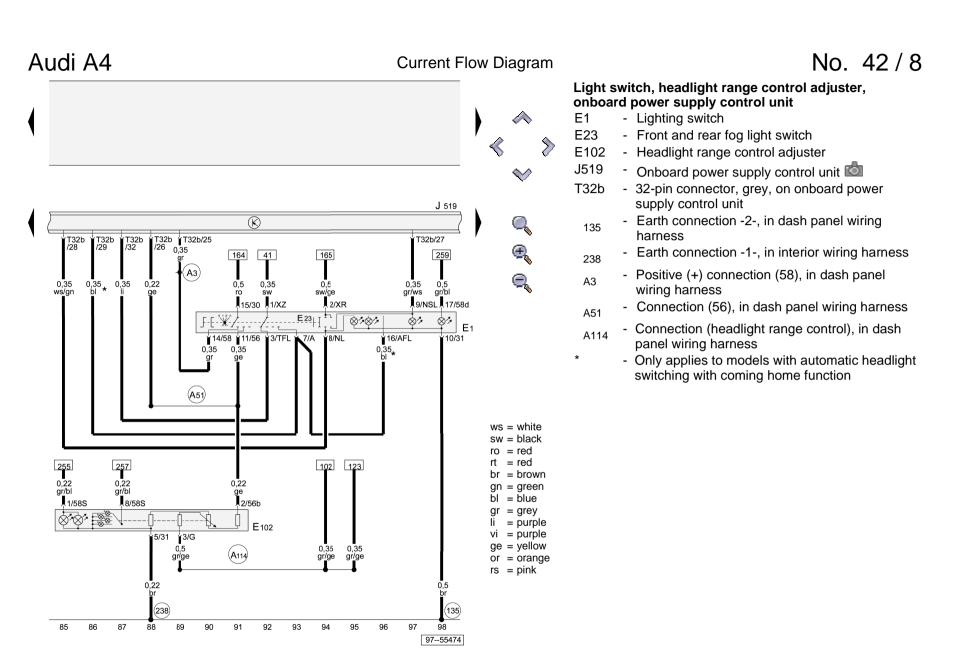
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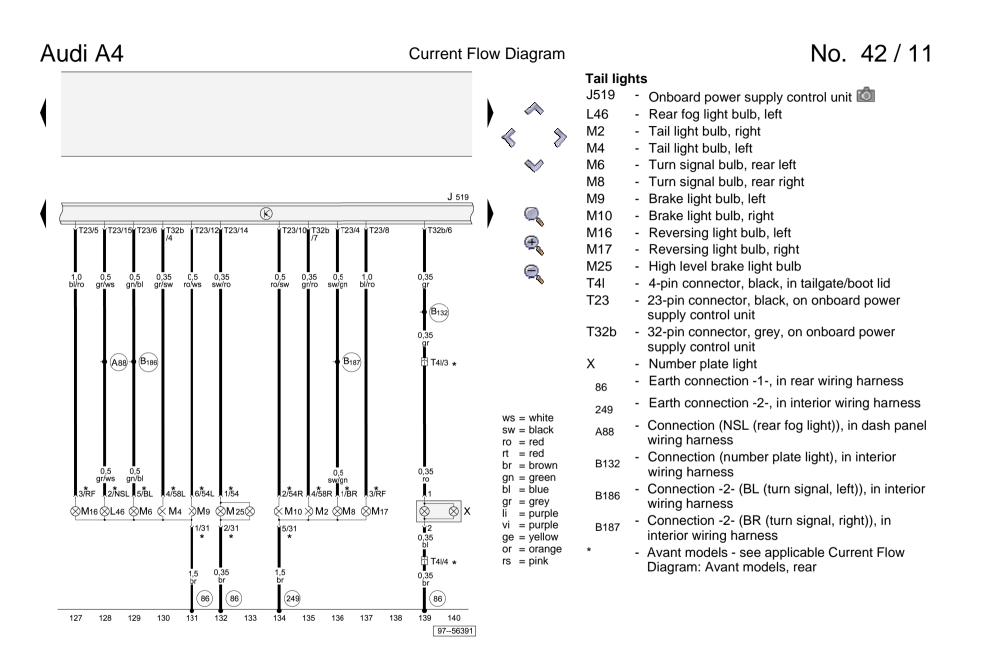
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udi A4	Current Flow Diagram	No. 42/9
		Left headlight, left fog light
		J519 - Onboard power supply control unit 🖾
		L22 - Fog light bulb, left
	' L S	M1 - Side light bulb, left
	\\ \(\lambda \)	M5 - Turn signal bulb, front left
	\sim	M18 - Side turn signal bulb, left
		M29 - Dipped beam bulb, left
	J 519	M30 - Main beam bulb, left
<u>()</u>		T4k - 4-pin connector, black, near front bumper
√T23	↓T32b/21 / Æ	T17 - 17-pin connector, black, connector point, A pillar, left
0,5 1,0 1,0 0,5 0,5 ws/gn ge/sw ws/sw gr/sw sw/bl	0,5 sw/gn	T17a - 17-pin connector, red, connector point, A pillar, left
		 T23 - 23-pin connector, black, on onboard power supply control unit
94 • E117 • A6	- (A ₁₈₁)	T32b - 32-pin connector, grey, on onboard power supply control unit
		V48 - Headlight range control motor, left
0,35 1,0 0,5 gr/ge ws/sw sw/bl	0,5 sw/gn	 Earth connection, in left headlight wiring harness
6 T17/16 6 T17a/8 6 T17a 6 T17a/15 6 T17a/1 6 T17a/2 /16	ws = white	 Barth connection, in bumper, horn/fog light wiring harness
1,0 ws/gn	sw = black ro = red rt = red	 Positive (+) connection (left turn signal), in dash panel wiring harness
☐ T4k/1 1,0 0,35 0,5 1,0 1,0 0,5 0,5 ws/gn gr/ge ge/sw ge/sw ws/sw gr/sw sw/bl	br = brown 0,5 gn = green gn bl = blue	A181 - Positive (+) connection -2- (left turn signal), in dash panel wiring harness
1 6/G 2/256b 5/56b 1/56a 7/58L 9/BL	ar = arey	Connection (EGo, left) in deep need wiring
⊗L 22 V48 🛞 ⊗M29⊗M30 ⊗M1 ⊗M5	⊗M18 li = purple vi = purple	E117 - Connection (Soa, left), in dash panel winng harness
Ý2 Ý4/31 Ý10/31 Ý8/31	ge = yellow or = orange	
1,0 C,5 1,0 2,5 br br br br	0,5 br	
(345) (179) (179) (179)	(179)	

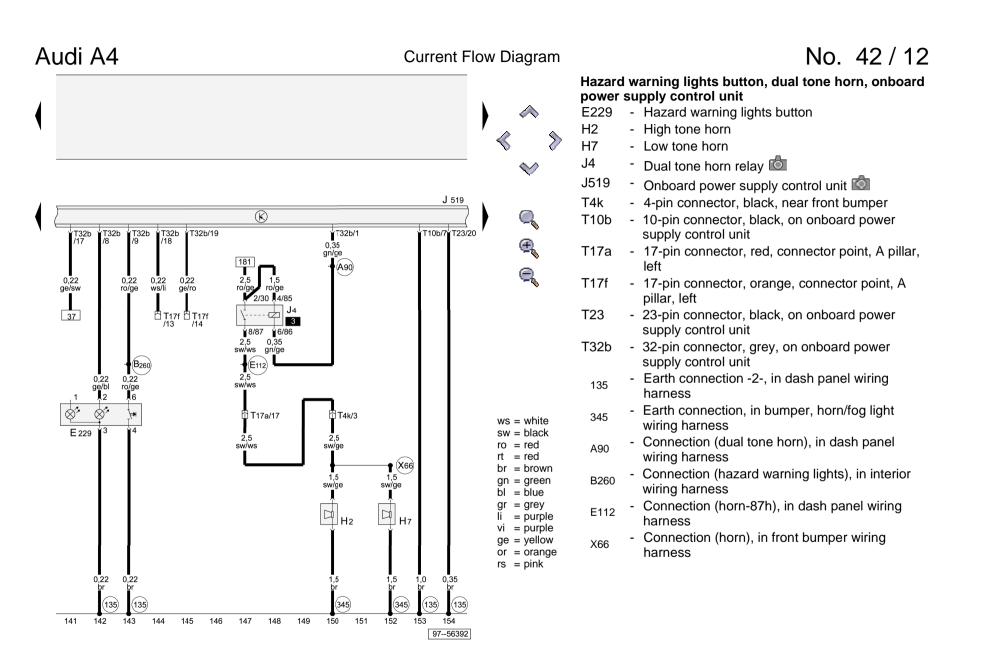
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J 519	Right headlight, right fog lightJ519-Onboard power supply control unitL23-Fog light bulb, rightM3-Side light bulb, rightM7-Turn signal bulb, front rightM19-Side turn signal bulb, right
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	 M31 - Dipped beam bulb, right M32 - Main beam bulb, right T4k - 4-pin connector, black, near front bumper T17 - 17-pin connector, black, connector point, A pillar, left T17c - 17-pin connector, red, connector point, A pillar, right T23 - 23-pin connector, black, on onboard power supply control unit T32b - 32-pin connector, grey, on onboard power supply control unit V49 - Headlight range control motor, right 176 - Earth connection, in right headlight wiring harness 345 - Earth connection, in bumper, horn/fog light wiring harness A5 - Positive (+) connection (right turn signal), in dash panel wiring harness A85 - Connection (58R), in dash panel wiring harness A180 - Positive (+) connection -2- (right turn signal), in dash panel wiring harness E116 - Connection (56a, right), in dash panel wiring harness

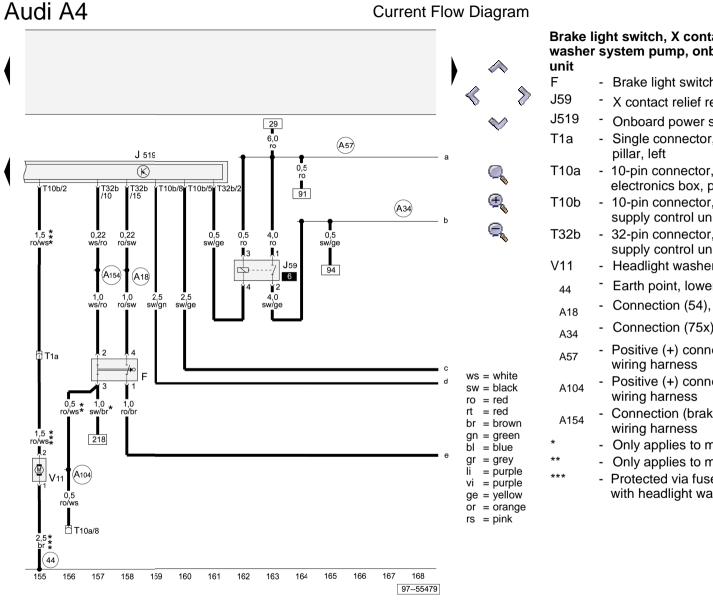
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No. 42/13

Brake light switch, X contact relief relay, headlight washer system pump, onboard power supply control

- Brake light switch
- X contact relief relay in
- Onboard power supply control unit
- Single connector, black, connector point, A
- T10a 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10b 10-pin connector, black, on onboard power supply control unit
- T32b 32-pin connector, grey, on onboard power supply control unit
 - Headlight washer system pump
 - Earth point, lower part of left A pillar 🔯
 - Connection (54), in dash panel wiring harness
 - Connection (75x), in dash panel wiring harness
 - Positive (+) connection -3- (30), in dash panel
 - Positive (+) connection -2- (15), in dash panel

- Connection (brake pedal switch), in dash panel

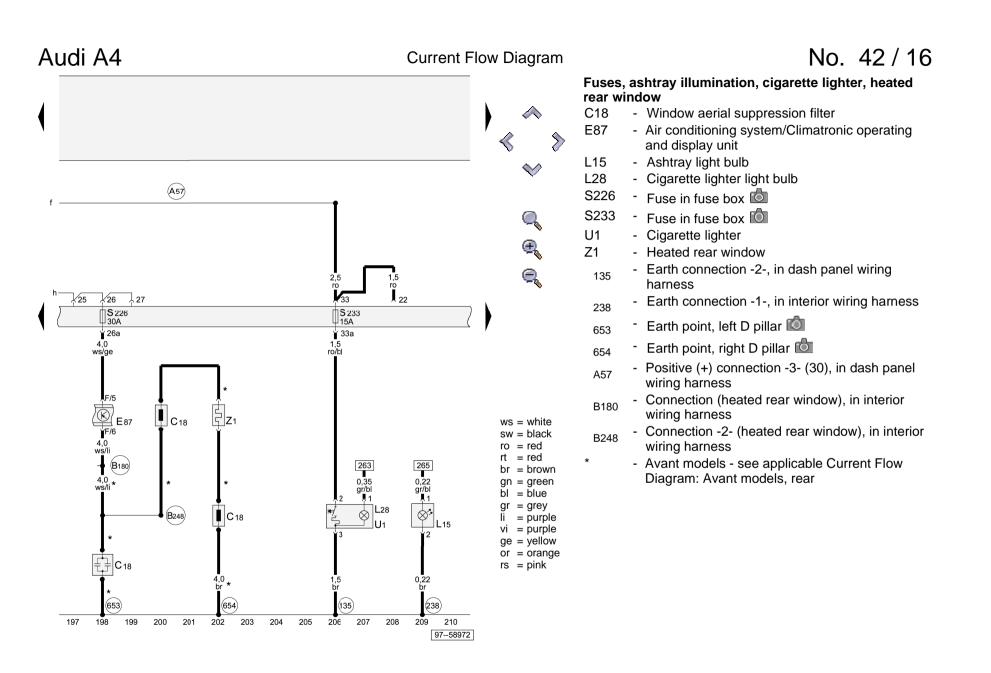
- Only applies to models with petrol engine
- Only applies to models with diesel engine

- Protected via fuse S237, only applies to models with headlight washer system

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udi A4	Current Flow Diagram	No. 42 / 15
) « »	 Fuses, glove box light, footwell lights E26 - Glove box light switch J393 - Convenience system central control unit 2 S2 - Fuse in fuse box/relay plate 2 T12d - 12-pin connector, brown, near glove box
(A57)	♥	T12h - 12-pin connector, black, on convenience system central control unit (used to be connector I)
	a	T12i - 12-pin connector, black, on convenience system central control unit (used to be connector III)
30 6.0 ro	e,	T16h - 16-pin connector, black, on convenience system central control unit (used to be connector II)
24	f	 T16i - 16-pin connector, brown, on convenience system central control unit (used to be connector V)
A 24		T17d - 17-pin connector, red, connector point, electronics box, plenum chamber
73 74	0,5 ro/li	W6 - Glove box light
112d/4		W9 - Left footwell light
0,5 0,5 0,22 0,22 * ro/ge or/br or/gr		W10 - Right footwell light
	6i/13	- Earth connection -1-, in interior wiring harness
	J 393 Sh/13 $A29$ ws = white sw = black ro = red	A29 - Connection (interior light), in dash panel wiring harness
bi/gr bi/ro ro/g	ro/li ro/li $rt = red rd/l rt = redrd/l rt = redrd/l rt = redrd/l rt = red$	A57 - Positive (+) connection -3- (30), in dash panel wiring harness
10 biro	0,5 ro/li 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1	 A87 - Connection (RF (reversing light)), in dash pane wiring harness
^{∞4} E 26	W_{10} W_{9} W_{10} W_{9} W_{10} $W_{$	 * Only applies to models with airbag disabling ke switch
Ŭ1 0,5 10 br b∛ro	$\begin{array}{cccc} & & & & & \\ & & & & \\ 0,5 & & 0,35 & & & \\ \end{array} \qquad \qquad$	SWILCH
br bl/ro D T12d/7 220	ro/gr ro/gn or = orange rs = pink	
0,5 br		
pr (238)		
(238)		

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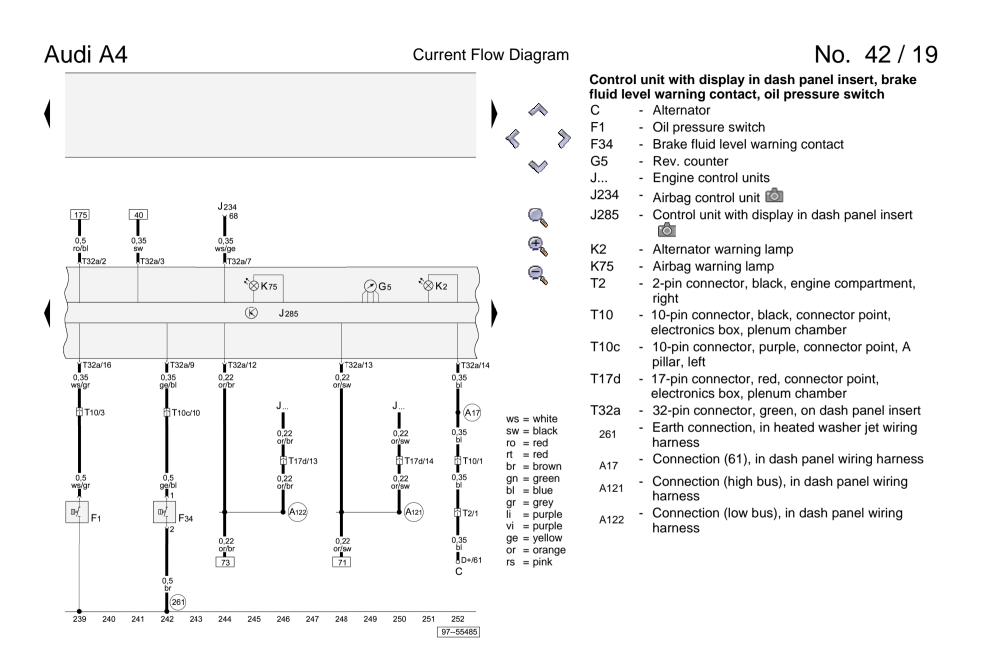


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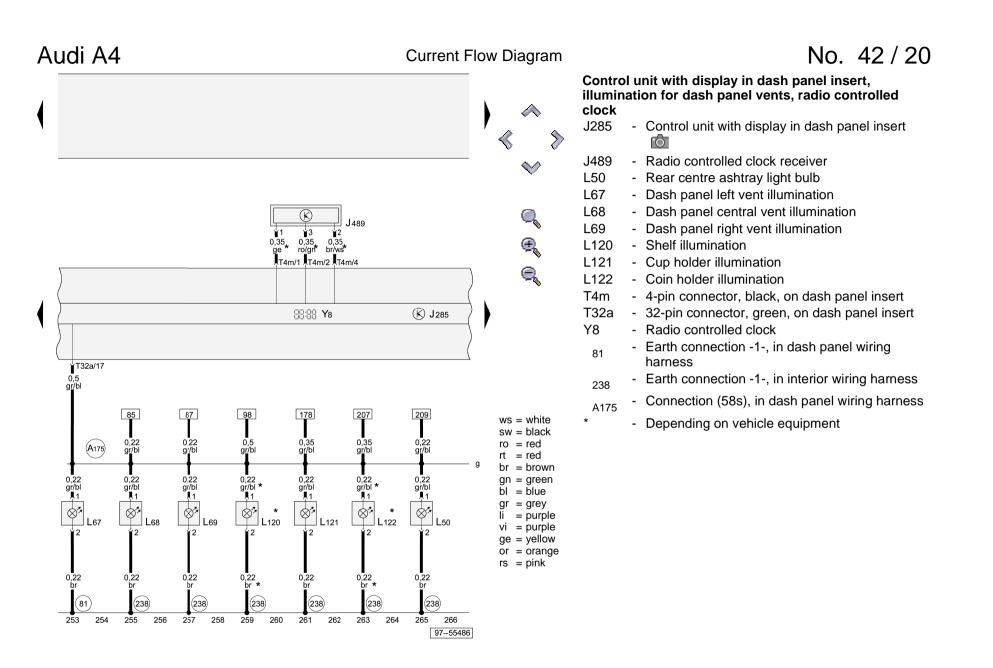
udi A4		Current Flow I	Jiagram		No. 42 / 1 eversing light switch, socket, heated washer					
)	\$	jets F4 - S3 -	 Reversing light switch Fuse in fuse box/relay plate box/relay plate <a <="" a="" href="mailto:box/relay"> plate <a <="" a="" href="mailto:box/relay"> plate <a block"="" href="mailt</th></tr><tr><td>38
1,0 *
ge/sw
3
S3
S3
S4
V 3a
0,5 *
gr/gn*</td><td>39
4,0
sw
55731
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C</td><td>S7 -
S231 -
S235 -
T10a -
T10c -
U -
Z20 -
Z21 -
249 -
261 -</td><td> Fuse in fuse box/relay plate in Fuse in fuse box/relay plate in Fuse in fuse box in 10-pin connector, brown, connector point, electronics box, plenum chamber 10-pin connector, purple, connector point, A pillar, left Socket Heater element, left washer jet Heater element, right washer jet Earth connection -2-, in interior wiring harness Earth connection, in heated washer jet wiring harness Connection (15a), in dash panel wiring harness </td></tr><tr><td><math display=">\begin{array}{c} 1 \\ 0.5 \\ gr/gn * \\ 1 \\ 2 \\ 2 \\ 0.5 \\ br & c.5 \\ 2 \\ 0.5 \\ br & c.5 \\ br & c.5 \\ br & c.5 \\ br & c.5 \\ c.5 \\ br & c.5 \\ c.5 \\<td>$\begin{array}{c} & & & & & & \\ & & & & & & \\ 1.0 & 1.0 & 0.5 & 1.5 \\ & & & & & & \\ & & & & & & \\ & & & &$</td><td></td><td>vs = white w = black b = red r = red r = brown n = green l = blue r = grey = purple i = purple e = yellow r = orange s = pink</td><td>A20 A52 A70 A74 *</td><td> Positive (+) connection -2- (30), in dash panel wiring harness Connection (15a, fuse 231), in dash panel wiring harness Connection (15a, fuse 5), in dash panel wiring harness Only applies to models with heater element for washer jet Only applies to models with 5-speed manual gearbox Only applies to models with 6-speed manual gearbox </td>	$\begin{array}{c} & & & & & & \\ & & & & & & \\ 1.0 & 1.0 & 0.5 & 1.5 \\ & & & & & & \\ & & & & & & \\ & & & & $		vs = white w = black b = red r = red r = brown n = green l = blue r = grey = purple i = purple e = yellow r = orange s = pink	A20 A52 A70 A74 *	 Positive (+) connection -2- (30), in dash panel wiring harness Connection (15a, fuse 231), in dash panel wiring harness Connection (15a, fuse 5), in dash panel wiring harness Only applies to models with heater element for washer jet Only applies to models with 5-speed manual gearbox Only applies to models with 6-speed manual gearbox

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udi A4	Current Flow Diagram	No. 42 / 18
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 34\\ 0,22\\ ro\\ ro\\ ro\\ ro\\ ro\\ ro\\ ro\\ ro\\ ro\\ ro$	 Fuel gauge sender, ambient temperature switch, oil level/oil temperature sender, coolant temperature sender, coolant shortage indicator switch D2 - Immobilizer reading coil F38 - Ambient temperature switch F66 - Coolant shortage indicator switch F77 - Windscreen washer fluid warning contact G - Fuel gauge G2 - Coolant temperature sender G3 - Coolant temperature gauge G19 - Fuel gauge sender -2- G266 - Oil level/oil temperature sender J285 - Control unit with display in dash panel insert Image: Solution of the second se
0,35 0,35 0,35 0,35 0,35 0,35	ge = yellow	 269 - Earth connection (sender earth) -1-, in dash panel wiring harness 327 - Earth connection (sender earth), in engine compartment wiring harness * Only models with four-wheel drive



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udi A4	Current Flow Diagram	No. 42/2
) < >>	Control unit with display in dash panel insert, diagnostic connector, speedometer senderG21- SpeedometerG22- Speedometer sender (Hall sender, on gearbox J104J104- ABS with EDL control unit J285- Control unit with display in dash panel insert
		L157 - Centre armrest illumination T10 - 10-pin connector, black, connector point, electronics box, plenum chamber
<u></u>		T16-16-pin connector, black, diagnostic connectorT17b-17-pin connector, green, connector point, A
	G21 K J285	 pillar, left T32a - 32-pin connector, green, on dash panel insert Barth connection -1-, in front right wiring harness
Т32а /18 /19 0,22 sw/ro 1 gr/ro	T32a/5 T32a/21 0,35 0,22 b//ro ws/bl	 Earth connection -2-, in dash panel wiring harness Earth connection -1-, in interior wiring harness
t 117b/4 √A76	0⊤10/10 • (A27) ws = white	 A27 Connection (speed signal), in dash panel wirin harness
219 172 0,35 0,5 0,35 0,5 sw/ro sw/bl gn/ro ro/s 177 16/1 □ T16/1 □ T16/1 □ J 104	sw = black ro = red rt = red br = brown	 A76 - Connection (diagnosis wire K), in dash panel wiring harness A175 - Connection (58s), in dash panel wiring harness
0,35 gr/bl 1 2 L157 2 L157	G_{22} G_{23} G	* - Depending on vehicle equipment
0,35 br br br br br (238) (135) (135) (135) (135)	0,5 br (83)	

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udi A4	Current Flow Diagram	No. 42 / 22
	«	 Control unit with display in dash panel insert, brake lining/pad wear senders, bonnet contact switch F266 - Bonnet contact switch G34 - Brake lining/pad wear sender, front left G35 - Brake lining/pad wear sender, front right J285 - Control unit with display in dash panel insert
	⊂, ⊕,	 J393 - Convenience system central control unit T4n - 4-pin connector, black, front left T4o - 4-pin connector, black, front right T10d - 10-pin connector, grey, connector point, A pillar,
	€ J285	left T14 - 14-pin connector, black, in engine compartment, left T17b - 17-pin connector, green, connector point, A
T32/10	¥T32a/32	T20g - 20-pin connector, red, on convenience system central control unit (used to be connector 4)
0,22 b7/li	0,22 br/gn	T32-32-pin connector, blue, on dash panel insertT32a-32-pin connector, green, on dash panel insert
0,35 br/li br/li J 120g/20 J 393	G 35 G 35 G 35 G 35 G 35 G 35 G 35 G 1717b/3 ws = white sw = black ro = red rt = red br = brown gr = grey li = purple	 Earth point, in engine compartment, left Earth connection, in left headlight wiring harness
2 0,35 br 12 14/6 0,35 br 12 14/2 14/1 174n/2 174n/1 179 179	yi = purple ge = yellow	