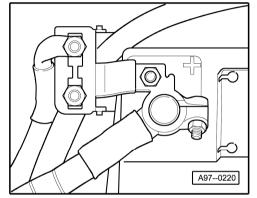
# Audi A4

Current Flow Diagram

No. 42/1 Edition 04.2004

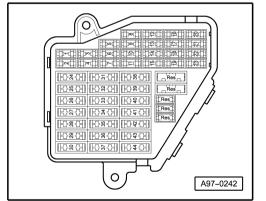
# Basic equipment - Highline From model year 2002

#### Main fuse



• On battery

#### Fuse box



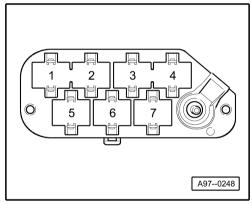
• Dash panel, driver's side Fuse colours 30 A - green

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



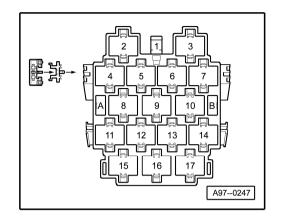
From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

#### Connector point with screw connection



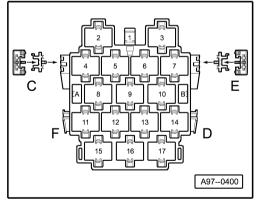
- In electronics box, plenum chamber
  - 1 10-pin connector, black (T10)
  - 2 10-pin connector, brown (T10a)
  - 3 17-pin connector, red (T17d)
  - 6 17-pin connector, white (T17e)

#### Connector point, A pillar



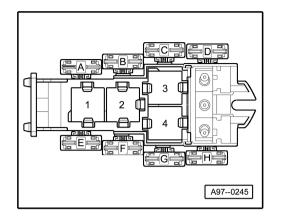
- On left-hand side, bottom, behind side trim
  - 13 10-pin connector, purple (T10c)
  - 15 17-pin connector, green (T17b)
  - 16 17-pin connector, red (T17a)
  - 17 17-pin connector, black (T17)

## Connector point, A pillar



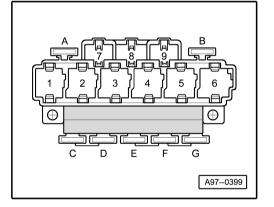
 On right hand-side, bottom, behind trim 15 - 17-pin connector, red (T17c)

4-point relay carrier with screw connection



• Dash panel, driver's side

## 9-point relay carrier with vehicle voltage control unit

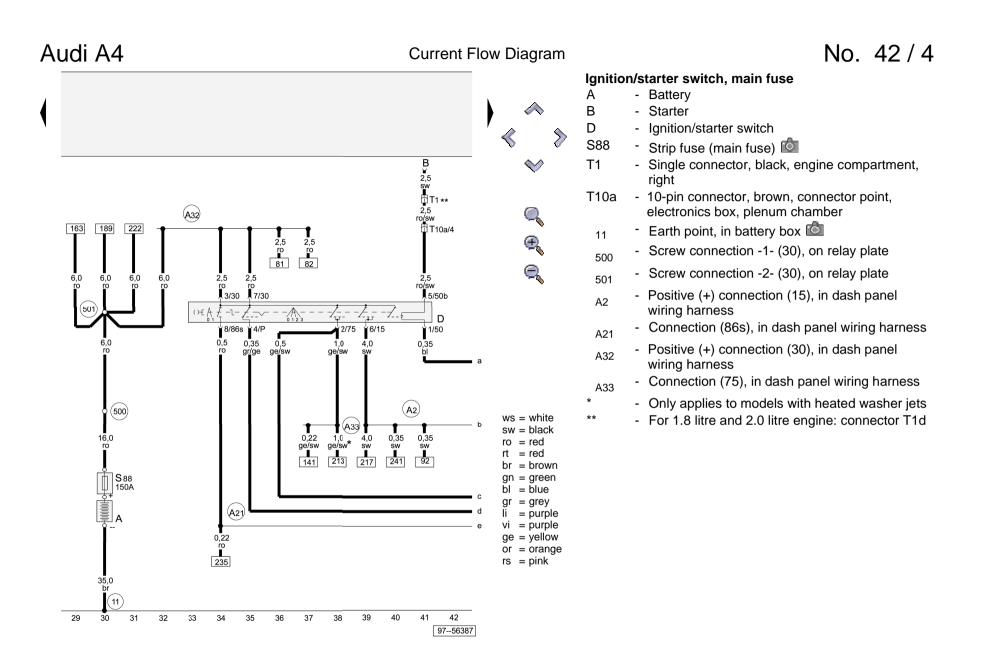


- Dash panel, driver's side, behind 3-point relay carrier
  - 3 Dual tone horn relay (J4)
  - 6 X contact relief relay (J59)

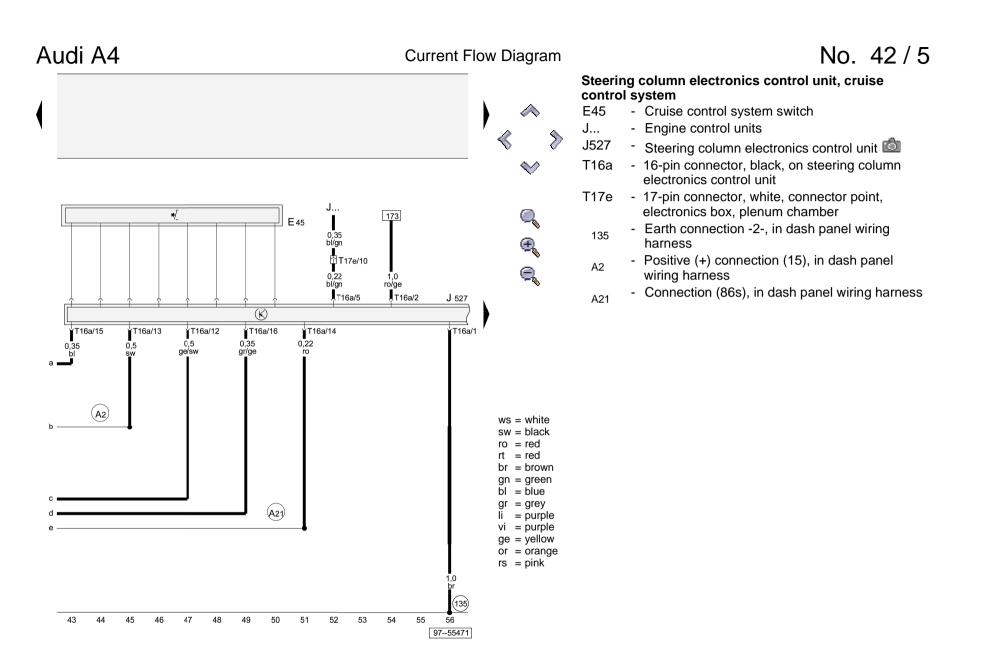
Audi A4	Current Flow Diagram	No. 42/2
		<ul> <li>Farth connections</li> <li>F4k - 4-pin connector, black, near front bumper</li> <li>a Earth strap, engine - body</li> <li>12 Earth point, in engine compartment, left 2</li> <li>a Earth point, on front apron 2</li> <li>50 Earth point, luggage compartment, left 2</li> <li>50 Earth point, lower part of right B pillar 2</li> <li>51 Earth connection -1-, in front right wiring harness</li> <li>52 Earth connection -1-, in rear wiring harness</li> <li>53 Earth connection -1-, in left headlight wiring harness</li> <li>54 Earth connection -2-, in interior wiring harness</li> <li>55 Earth connection, in bumper, horn/fog light wiring harness</li> </ul>
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	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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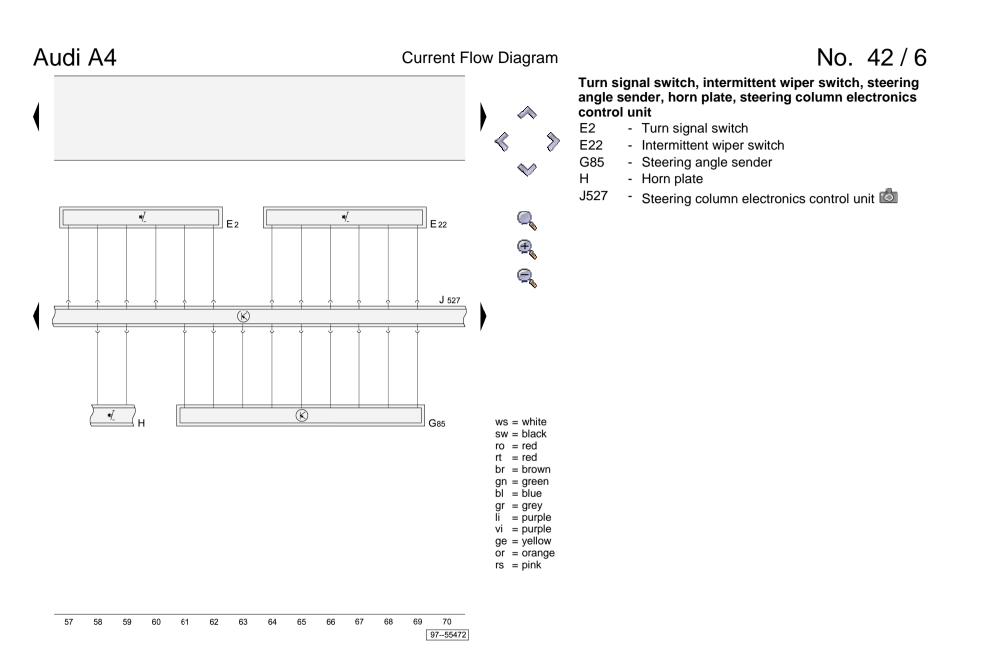
Audi A4	Current Flow Diagram	No. 42/3
	Earti T10c	<ul> <li>h connections</li> <li>c - 10-pin connector, purple, connector point, A pillar, left</li> <li>- Earth point, behind dash panel, left</li></ul>
	32 33 43 44 49 49 49 77 € 81 135 176 238 261 ws = white sw = black ro = red rt = red br = brown gn = greey bl = blue gr = grey	<ul> <li>Earth point, behind dash panel, right in</li> <li>Earth point, lower part of right A pillar in</li> <li>Earth point, lower part of left A pillar in</li> <li>Earth point, near convenience system central control unit in</li> <li>Earth point, lower part of left B pillar in</li> <li>Earth connection -1-, in dash panel wiring harness</li> <li>Earth connection, in right headlight wiring harness</li> <li>Earth connection -1-, in interior wiring harness</li> <li>Earth connection -1-, in interior wiring harness</li> <li>Earth connection -1-, in interior wiring harness</li> </ul>
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	i = purple i = purple ge = yellow or = orange rs = pink f(1) = purple ge = yellow or = orange rs = pink	



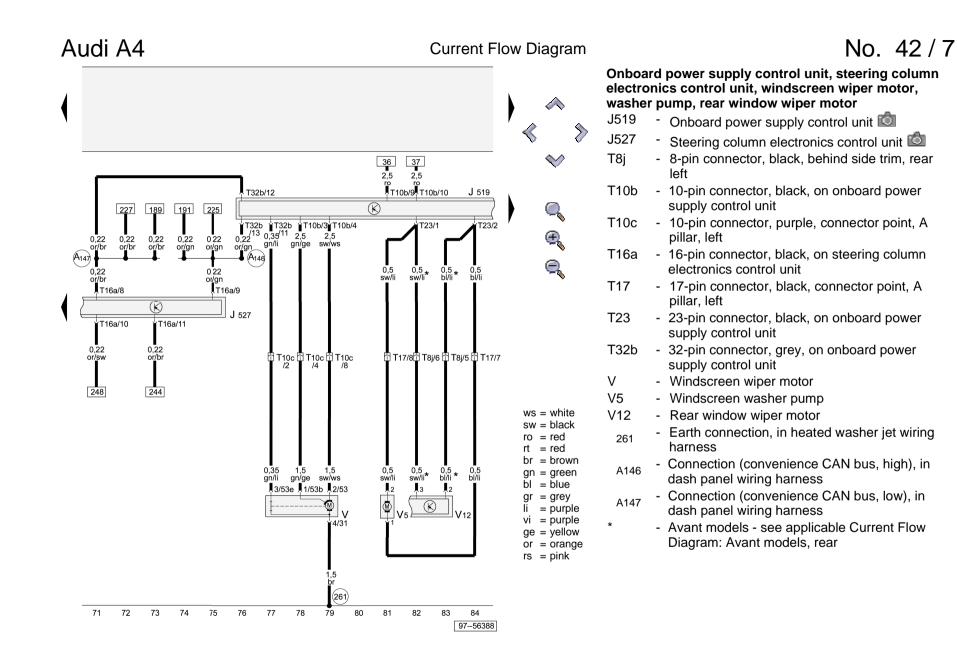
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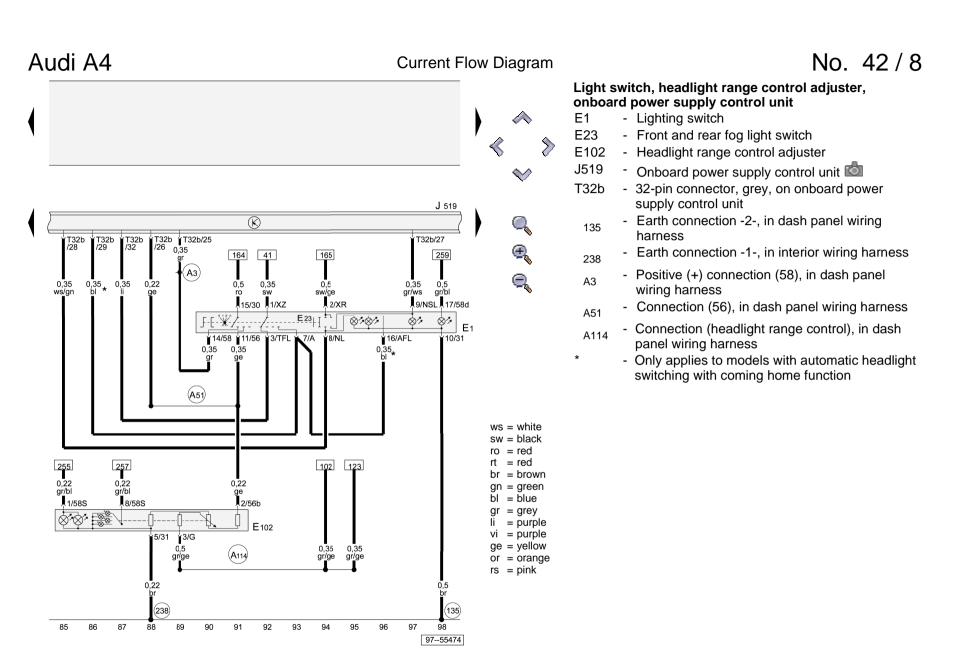
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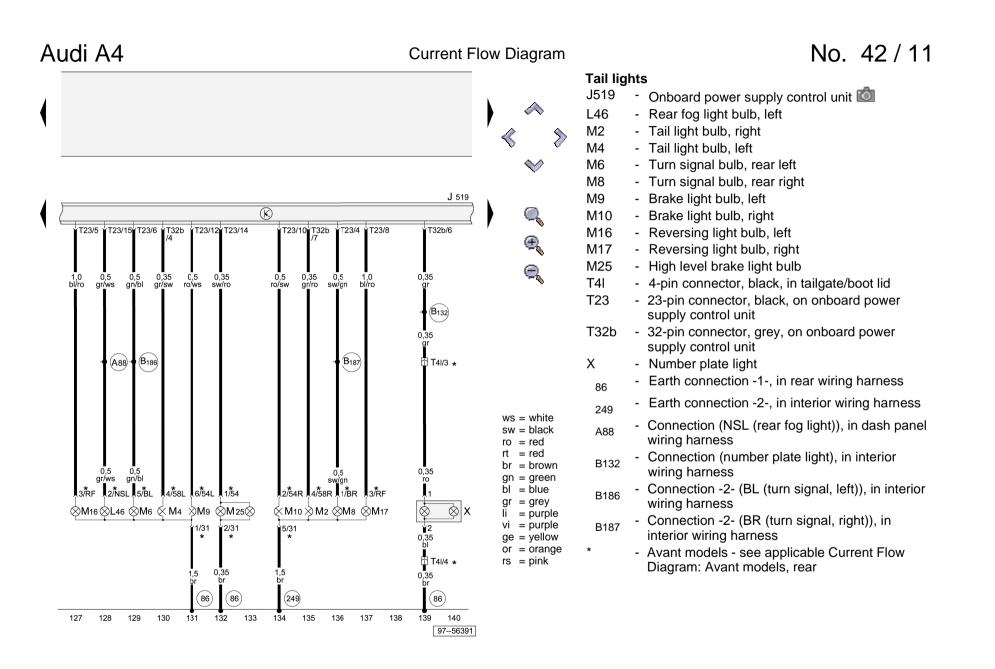
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udi A4	Current Flow Diagram	No. 42/9
		Left headlight, left fog light
		J519 - Onboard power supply control unit 🖾
		L22 - Fog light bulb, left
	' L S	M1 - Side light bulb, left
	\\ \(\lambda \)	M5 - Turn signal bulb, front left
	$\sim$	M18 - Side 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
		<ul> <li>T23 - 23-pin connector, black, on onboard power supply control unit</li> </ul>
94 • E117 • A6	- (A <sub>181</sub> )	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	<ul> <li>Earth connection, in left headlight wiring harness</li> </ul>
6 T17/16 6 T17a/8 6 T17a 6 T17a/15 6 T17a/1 6 T17a/2 /16	ws = white	<ul> <li>Barth connection, in bumper, horn/fog light wiring harness</li> </ul>
1,0 ws/gn	sw = black ro = red rt = red	<ul> <li>Positive (+) connection (left turn signal), in dash panel wiring harness</li> </ul>
☐ 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)	

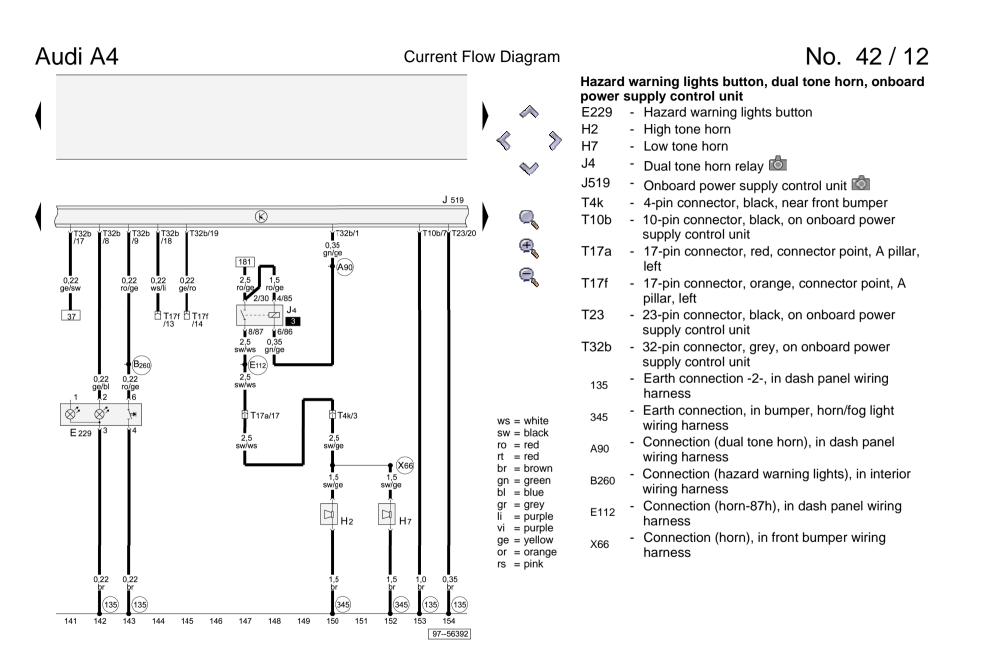
## Page 13 of 25

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

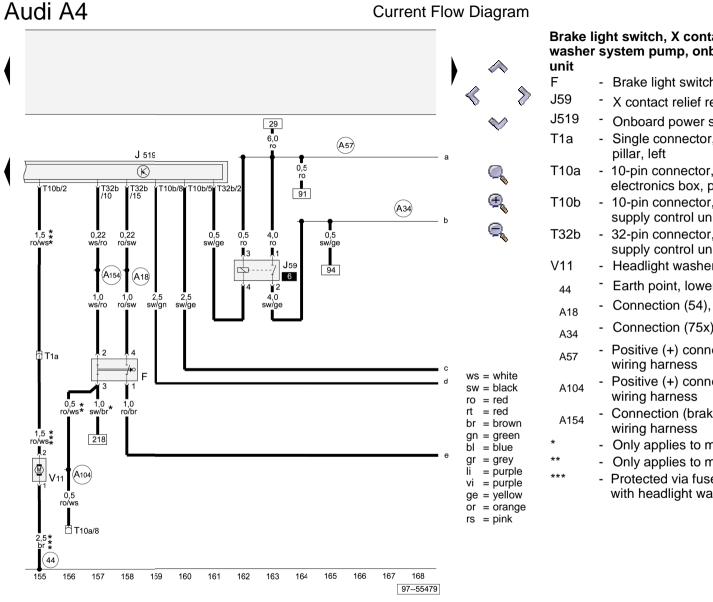
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## No. 42/13

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

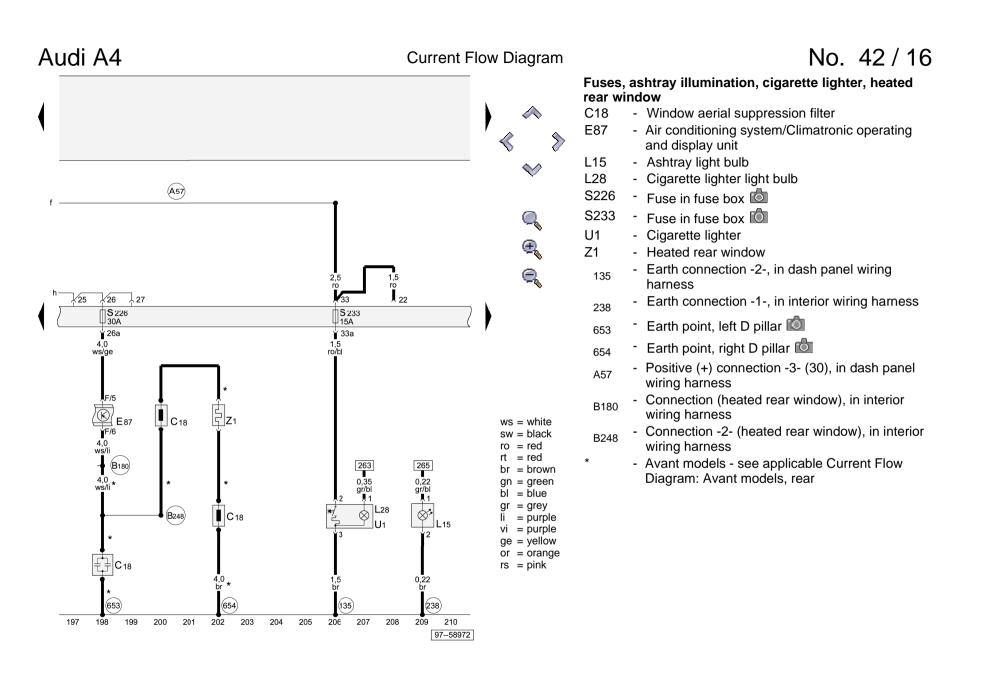
- Only applies to models with petrol engine
- Only applies to models with diesel engine

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

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udi A4	Current Flow Diagram	No. 42 / 15
	) « »	<ul> <li>Fuses, glove box light, footwell lights</li> <li>E26 - Glove box light switch</li> <li>J393 - Convenience system central control unit 2</li> <li>S2 - Fuse in fuse box/relay plate 2</li> <li>T12d - 12-pin connector, brown, near glove box</li> </ul>
(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	<ul> <li>T16i - 16-pin connector, brown, on convenience system central control unit (used to be connector V)</li> </ul>
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 $2$ $1$ $2$ $1$ $2$ $1$ $2$ $1$ $2$ $1$ $2$ $1$ $2$ $1$ $2$ $1$ $1$ $2$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$	<ul> <li>A87 - Connection (RF (reversing light)), in dash pane wiring harness</li> </ul>
<sup>∞4</sup> E 26	$W_{10}$ $W_{9}$ $W_{10}$ $W_{9}$ $W_{10}$ $W_{$	<ul> <li>* Only applies to models with airbag disabling ke switch</li> </ul>
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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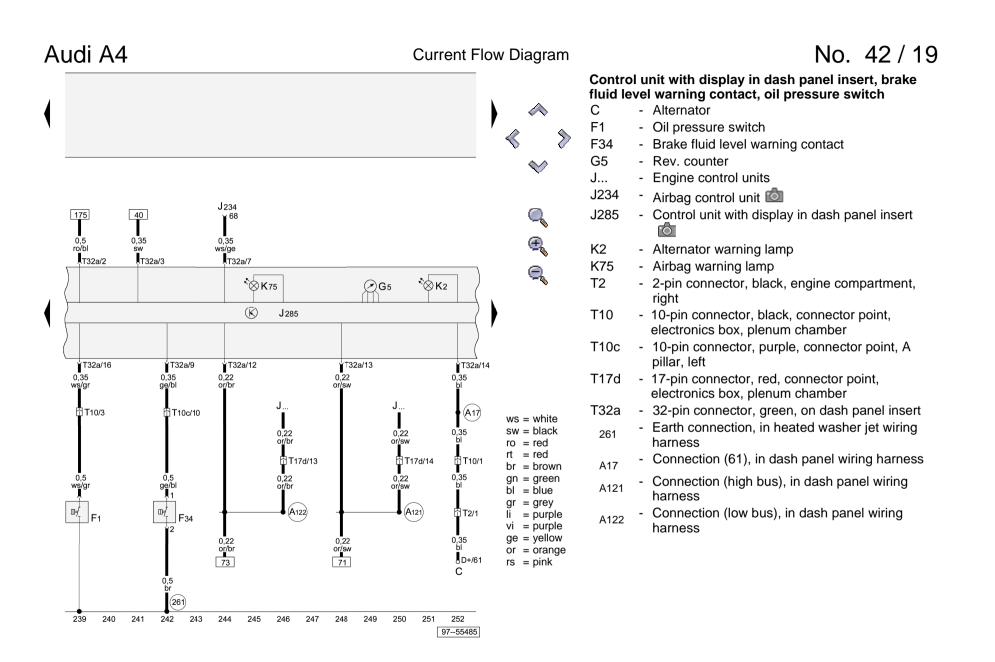


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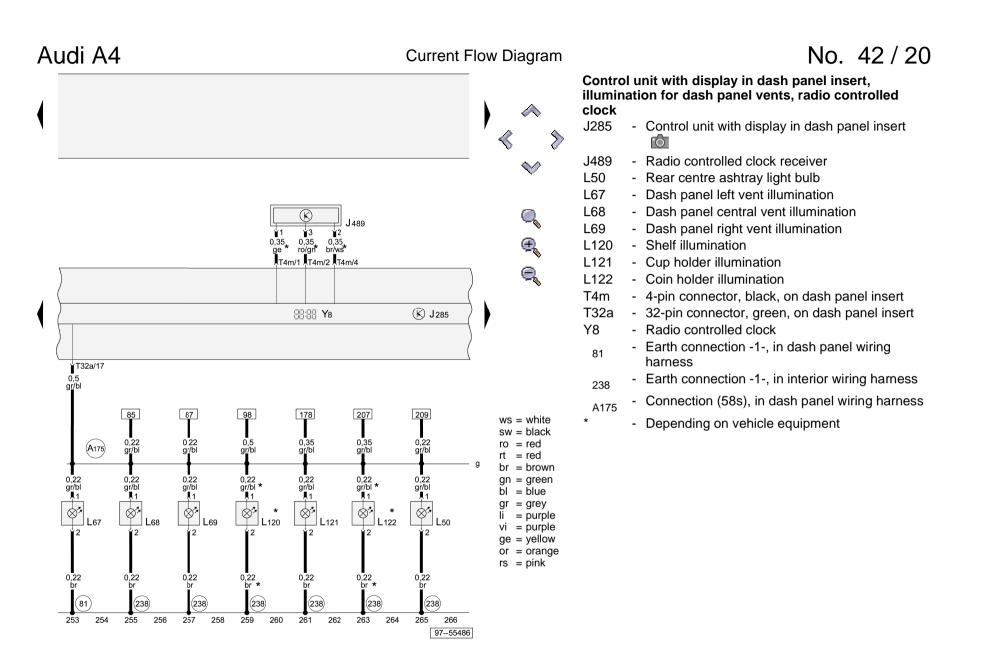
udi A4		Current Flow I	Jiagram		No. 42 / 1 eversing light switch, socket, heated washer					
		)	\$	<b>jets</b> F4 - S3 -	<ul> <li>Reversing light switch</li> <li>Fuse in fuse box/relay plate <a href="mailto:box/relay">box/relay</a> plate <a <="" a="" href="mailto:box/relay"> plate <a <="" a="" href="mailto:box/relay"> plate <a block"="" href="mailt&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;38&lt;br&gt;1,0 *&lt;br&gt;ge/sw&lt;br&gt;3&lt;br&gt;S3&lt;br&gt;S3&lt;br&gt;S4&lt;br&gt;V 3a&lt;br&gt;0,5 *&lt;br&gt;gr/gn*&lt;/td&gt;&lt;td&gt;39&lt;br&gt;4,0&lt;br&gt;sw&lt;br&gt;55731&lt;br&gt;554731&lt;br&gt;554731&lt;br&gt;10A&lt;br&gt;55473&lt;br&gt;10A&lt;br&gt;55473&lt;br&gt;10A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55473&lt;br&gt;15A&lt;br&gt;55557&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;br&gt;57&lt;/td&gt;&lt;td&gt;31&lt;br&gt;6,0&lt;br&gt;ro&lt;br&gt;2,5&lt;br&gt;ro&lt;br&gt;35&lt;br&gt;\$235&lt;br&gt;30A&lt;br&gt;35a&lt;br&gt;2,5&lt;br&gt;ro/gr&lt;/td&gt;&lt;td&gt;V&lt;br&gt;C&lt;/td&gt;&lt;td&gt;S7 -&lt;br&gt;S231 -&lt;br&gt;S235 -&lt;br&gt;T10a -&lt;br&gt;T10c -&lt;br&gt;U -&lt;br&gt;Z20 -&lt;br&gt;Z21 -&lt;br&gt;249 -&lt;br&gt;261 -&lt;/td&gt;&lt;td&gt;&lt;ul&gt; &lt;li&gt;Fuse in fuse box/relay plate in&lt;/li&gt; &lt;li&gt;Fuse in fuse box/relay plate in&lt;/li&gt; &lt;li&gt;Fuse in fuse box in&lt;/li&gt; &lt;li&gt;10-pin connector, brown, connector point, electronics box, plenum chamber&lt;/li&gt; &lt;li&gt;10-pin connector, purple, connector point, A pillar, left&lt;/li&gt; &lt;li&gt;Socket&lt;/li&gt; &lt;li&gt;Heater element, left washer jet&lt;/li&gt; &lt;li&gt;Heater element, right washer jet&lt;/li&gt; &lt;li&gt;Earth connection -2-, in interior wiring harness&lt;/li&gt; &lt;li&gt;Earth connection, in heated washer jet wiring harness&lt;/li&gt; &lt;li&gt;Connection (15a), in dash panel wiring harness&lt;/li&gt; &lt;/ul&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;math display=">\begin{array}{c} 1 \\ 0.5 \\ gr/gn * \\ 1 \\ 2 \\ 2 \\ 0.5 \\ br &amp; c.5 \\ 2 \\ 0.5 \\ br &amp; c.5 \\ br &amp; c.5 \\ br &amp; c.5 \\ br &amp; c.5 \\ c.5 \\ br &amp; c.5 \\ c.5 \\<td><math display="block">\begin{array}{c} &amp; &amp; &amp; &amp; &amp; &amp; \\ &amp; &amp; &amp; &amp; &amp; &amp; \\ 1.0 &amp; 1.0 &amp; 0.5 &amp; 1.5 \\ &amp; &amp; &amp; &amp; &amp; &amp; \\ &amp; &amp; &amp; &amp; &amp; &amp; \\ &amp; &amp; &amp; &amp; </math></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><ul> <li>Positive (+) connection -2- (30), in dash panel wiring harness</li> <li>Connection (15a, fuse 231), in dash panel wiring harness</li> <li>Connection (15a, fuse 5), in dash panel wiring harness</li> <li>Only applies to models with heater element for washer jet</li> <li>Only applies to models with 5-speed manual gearbox</li> <li>Only applies to models with 6-speed manual gearbox</li> </ul></td></a></a></a></li></ul>	$\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 *	<ul> <li>Positive (+) connection -2- (30), in dash panel wiring harness</li> <li>Connection (15a, fuse 231), in dash panel wiring harness</li> <li>Connection (15a, fuse 5), in dash panel wiring harness</li> <li>Only applies to models with heater element for washer jet</li> <li>Only applies to models with 5-speed manual gearbox</li> <li>Only applies to models with 6-speed manual gearbox</li> </ul>

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



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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	<ul> <li>pillar, left</li> <li>T32a - 32-pin connector, green, on dash panel insert</li> <li>Barth connection -1-, in front right wiring harness</li> </ul>
Т32а /18 /19 0,22 sw/ro 1 gr/ro	T32a/5 T32a/21 0,35 0,22 b//ro ws/bl	<ul> <li>Earth connection -2-, in dash panel wiring harness</li> <li>Earth connection -1-, in interior wiring harness</li> </ul>
t 117b/4 √A76	0⊤10/10 • (A27) ws = white	<ul> <li>A27</li> <li>Connection (speed signal), in dash panel wirin harness</li> </ul>
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	<ul> <li>A76 - Connection (diagnosis wire K), in dash panel wiring harness</li> <li>A175 - Connection (58s), in dash panel wiring harness</li> </ul>
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
	«	<ul> <li>Control unit with display in dash panel insert, brake lining/pad wear senders, bonnet contact switch</li> <li>F266 - Bonnet contact switch</li> <li>G34 - Brake lining/pad wear sender, front left</li> <li>G35 - Brake lining/pad wear sender, front right</li> <li>J285 - Control unit with display in dash panel insert</li> </ul>
	⊂, ⊕,	<ul> <li>J393 - Convenience system central control unit </li> <li>T4n - 4-pin connector, black, front left</li> <li>T4o - 4-pin connector, black, front right</li> <li>T10d - 10-pin connector, grey, connector point, A pillar,</li> </ul>
	€ 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	<ul> <li>Earth point, in engine compartment, left </li> <li>Earth connection, in left headlight wiring harness</li> </ul>
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	