

Audi A4

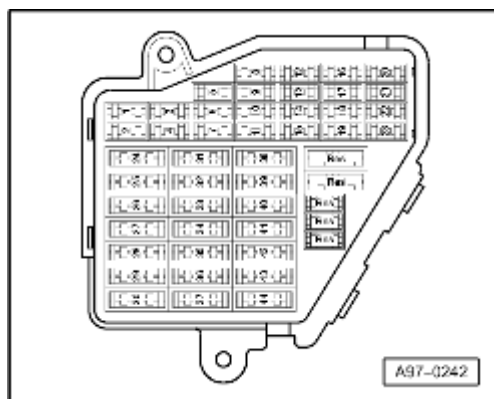
Current Flow Diagram

No. 32 / 1

Edition 12.2003

Headlights with gas discharge lamps and automatic headlight range control

From model year 2001

Fuse box

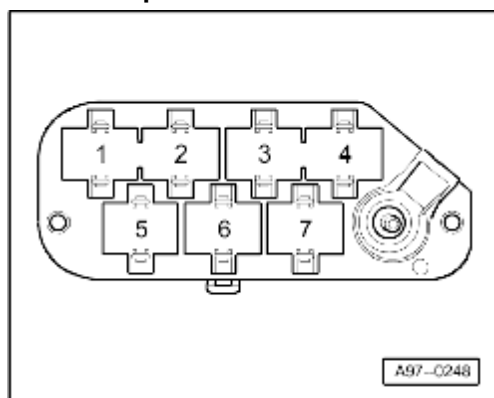
† Dash panel, driver's side

Fuse colours

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

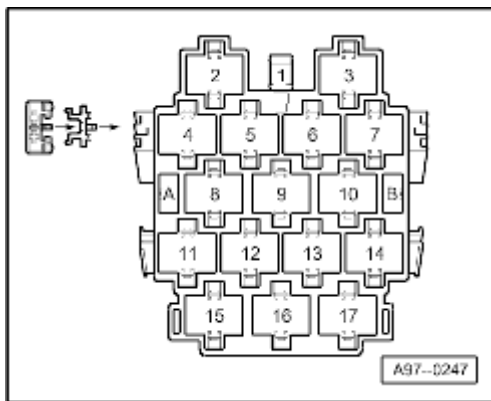
**Note:**

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

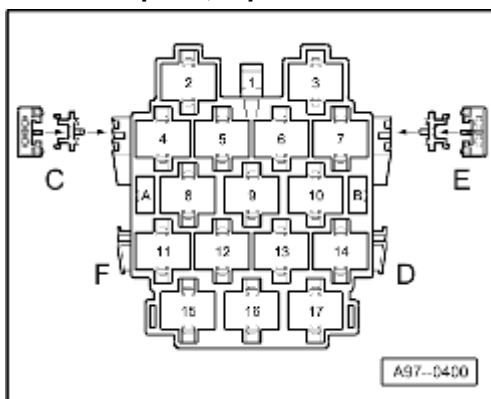
- † In electronics box, plenum chamber
- 1 - 10-pin connector, black (T10)

Connector point, A pillar



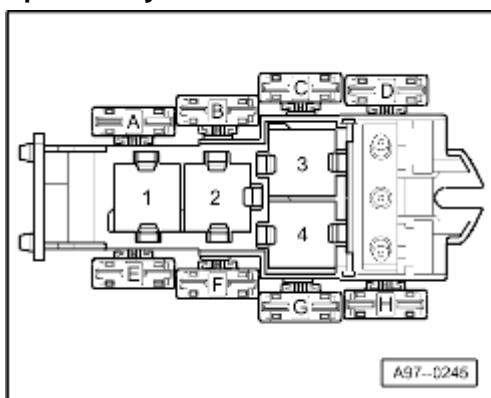
- t On left-hand side, bottom, behind side trim
 - 16 - 17-pin connector, red (T17a)
 - 17 - 17-pin connector, black (T17)

Connector point, A pillar



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

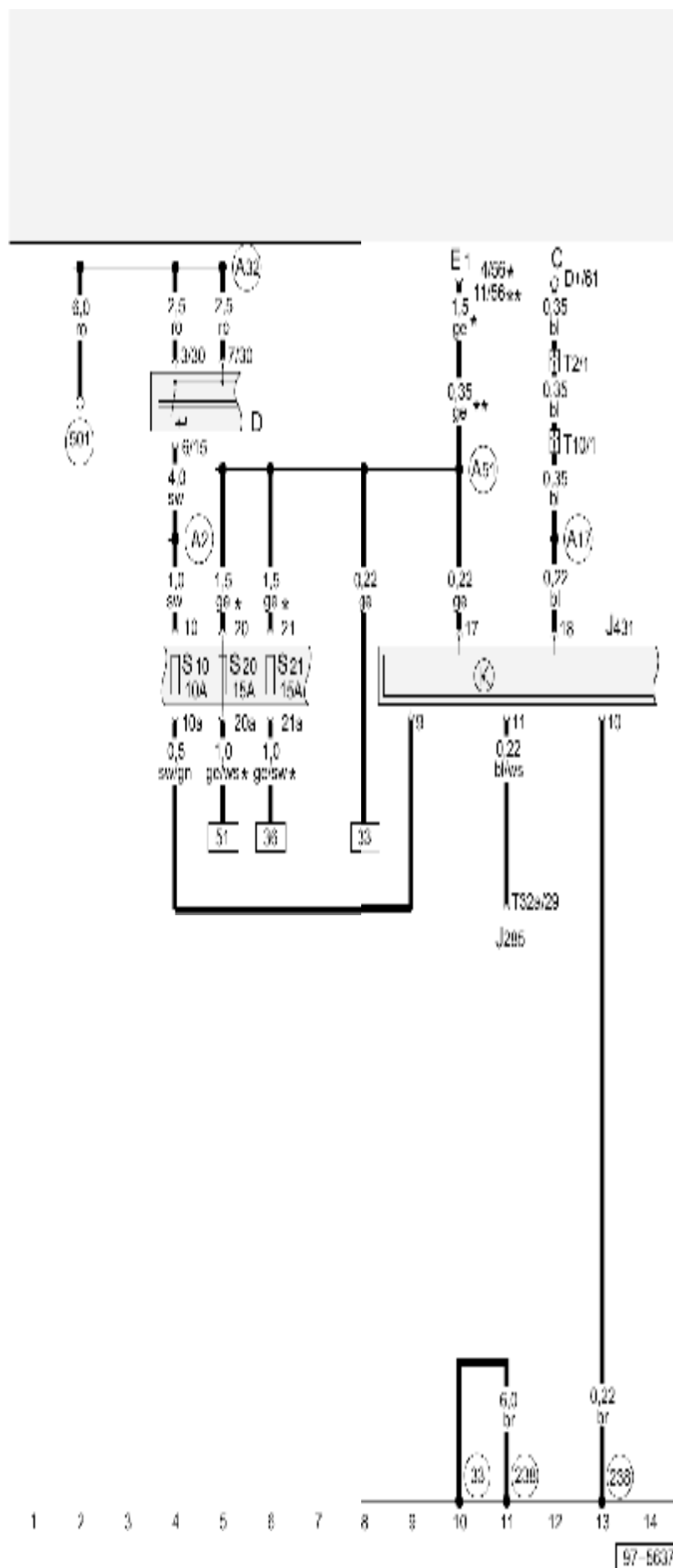
4-point relay carrier with screw connection



- t Dash panel, driver's side

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Current Flow Diagram



No. 32 / 2

Ignition/starter switch, control unit for headlight range control, fuses

C - Alternator

D - Ignition/starter switch

E1 - Lighting switch

J285 - Control unit with display in dash panel insert

J431 - Headlight range control, control unit

S10 - Fuse in fuse box/relay plate

S20 - Fuse in fuse box/relay plate

S21 - Fuse in fuse box/relay plate

T2 - 2-pin connector, black, engine compartment, right

T10 - 10-pin connector, black, connector point, electronics box, plenum chamber

T32a - 32-pin connector, green, on dash panel insert

33 - Earth point, behind dash panel, right

- Earth

238	connection -1-, in interior wiring harness
501	- Screw connection -2- (30), on relay plate
A2	- Positive (+) connection (15), in dash panel wiring harness
A17	- Connection (61), in dash panel wiring harness
A32	- Positive (+) connection (30), in dash panel wiring harness
A51	- Connection (56), in dash panel wiring harness
*	- Only applies to Lowline equipment
**	- Only applies to Highline equipment

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

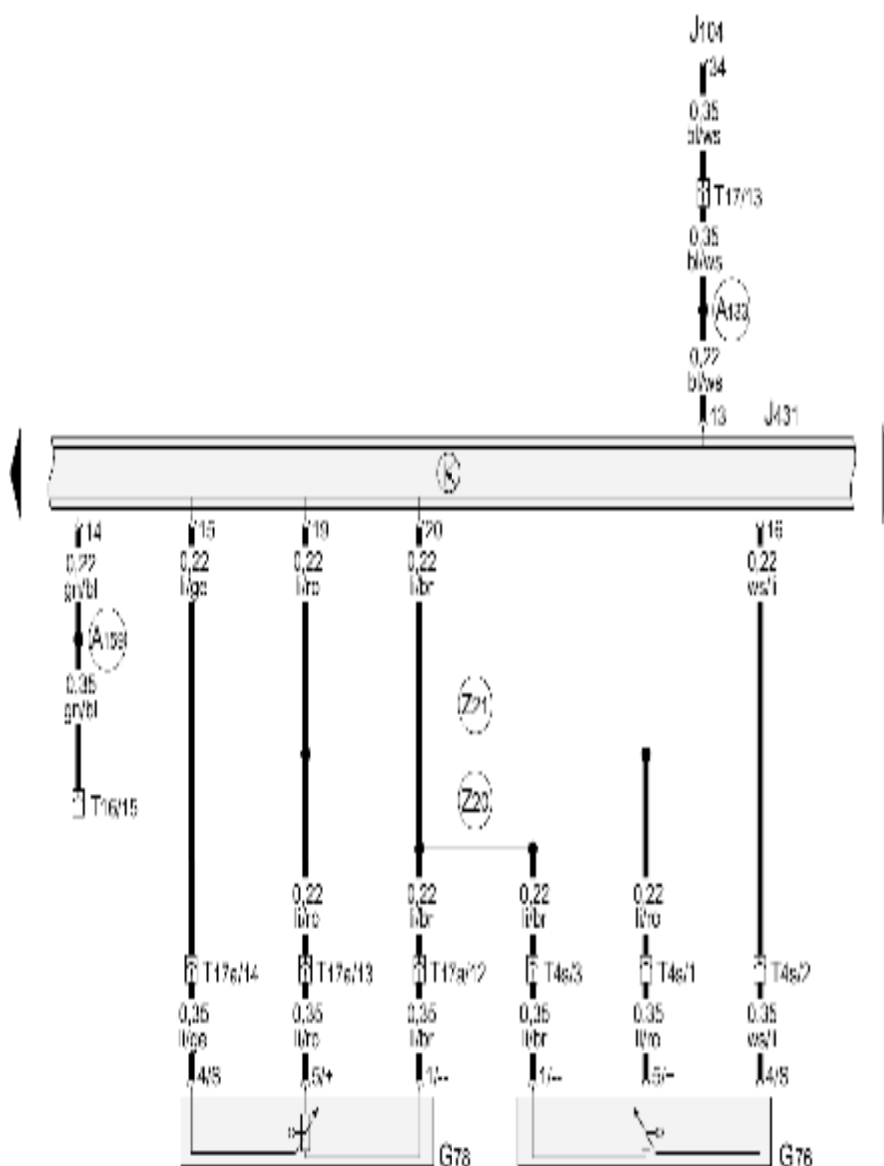
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Current Flow Diagram

No. 32 / 3

Control unit for headlight range control, vehicle level senders

- G76 - Vehicle level sender, rear left
- G78 - Vehicle level sender, front left
- J104 - ABS with EDL control unit
- J431 - Headlight range control, control unit
- T4s - 4-pin connector, black, for vehicle level sender, rear left
- T16 - 16-pin connector, black, diagnostic connector
- T17 - 17-pin connector, black, connector point, A pillar, left
- T17a - 17-pin connector, red, connector point, A pillar, left
- A133 - Connection (ABS impulses, left), in dash panel wiring harness
- A159 - Connection (L), in dash panel wiring harness
- Z20 - Connection in self-levelling suspension wiring



15 16 17 18 19 20 21 22 23 24 25 26 27 28

97-56613

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey

li	= purple		harness
ge	= yellow		- Positive (+)
or	= orange	Z21	connection
rs	= pink		(x), in self-
			levelling
			suspension
			wiring
			harness

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Current Flow Diagram

No. 32 / 4

Control unit for headlight range control, left gas discharge (xenon) lamp, left headlight range control motor

J343 - Left gas discharge (xenon) lamp control unit

J431 - Headlight range control, control unit

J519 - Onboard power supply control unit

L13 - Left gas discharge (xenon) lamp

M1 - Side light bulb, left

M5 - Turn signal bulb, front left

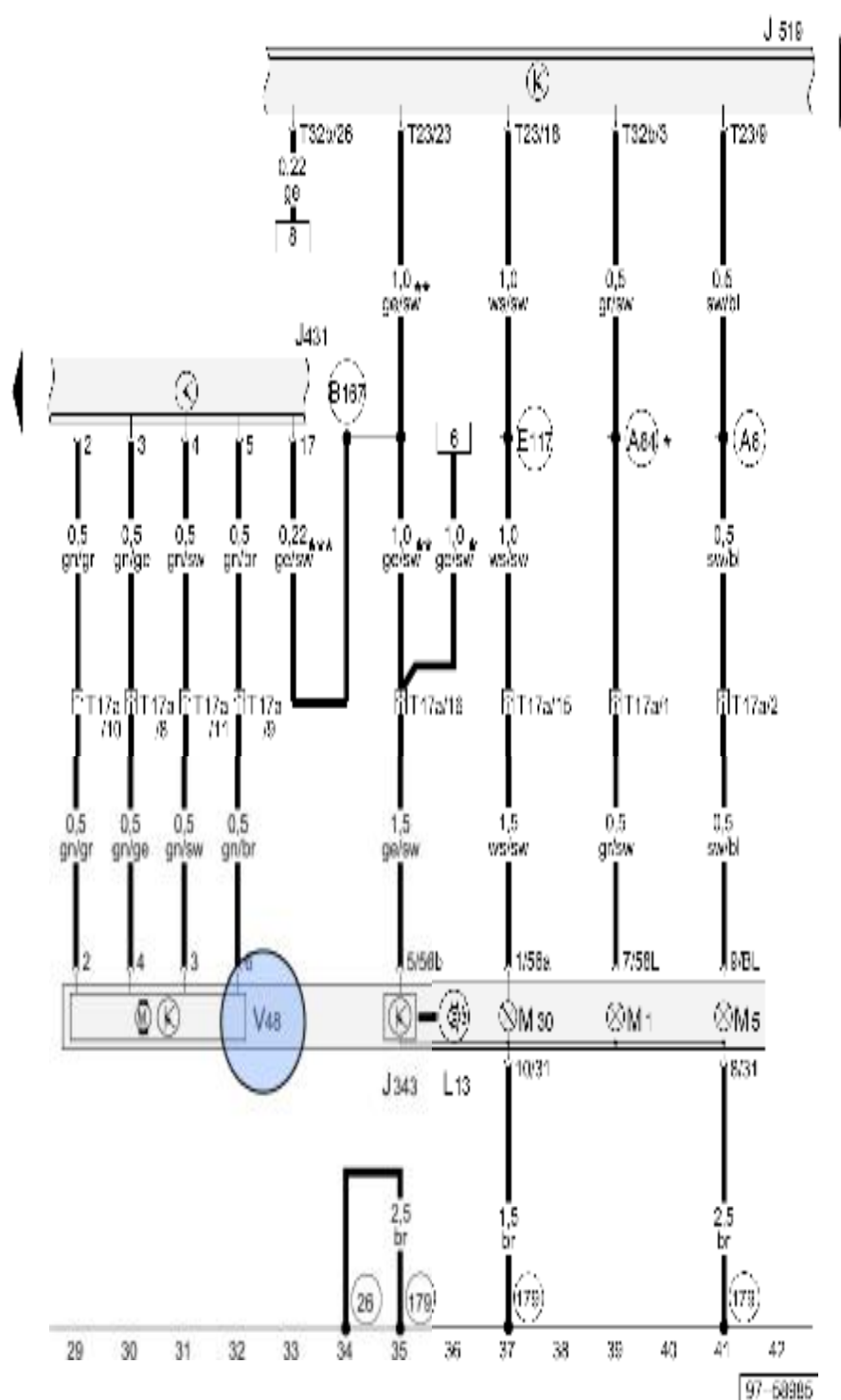
M30 - Main beam bulb, left


T17a - 17-pin connector, red, connector point, A pillar, left

T23 - 23-pin connector, black, on onboard power supply control unit

T32b - 32-pin connector, grey, on onboard power supply control unit

V48 - Headlight range control motor,



	left
26	- Earth point, on front apron 
179	- Earth connection, in left headlight wiring harness
A6	- Positive (+) connection (left turn signal), in dash panel wiring harness
A84	- Connection (58L), in dash panel wiring harness
B167	- Connection (56b), in interior wiring harness
E117	- Connection (56a, left), in dash panel wiring harness
*	- Only applies to Lowline equipment
**	- Only applies to Highline equipment
***	- Only applies to models with automatic headlight switching / surround lighting

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 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

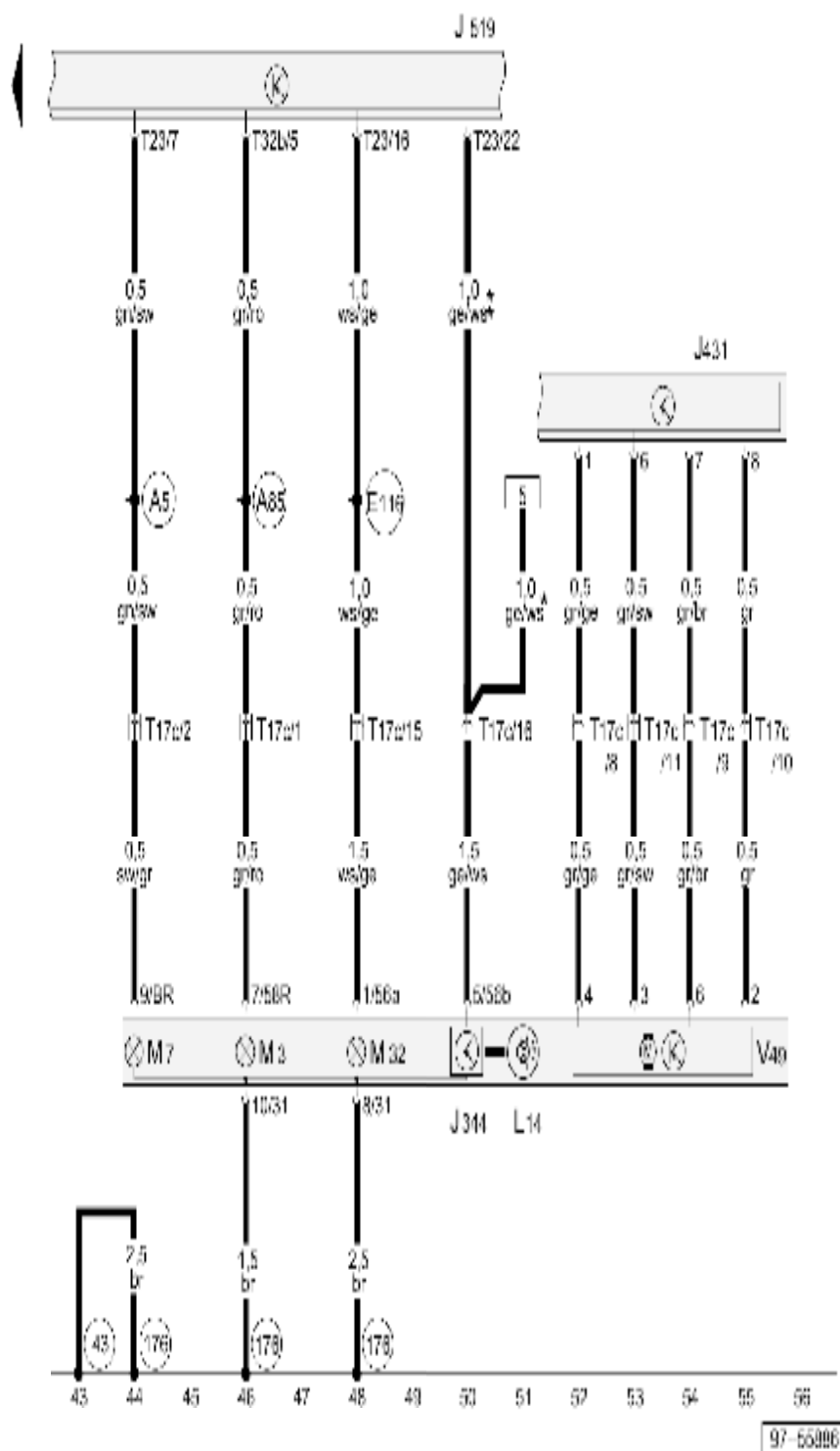
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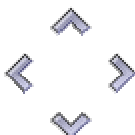

Current Flow Diagram

No. 32 / 5

Control unit for headlight range control, right gas discharge (xenon) lamp, right headlight range control motor

- J344 - Right gas discharge lamp control unit
- J431 - Headlight range control, control unit
- J519 - Onboard power supply control unit
- L14 - Right gas discharge lamp
- M3 - Side light bulb, right
- M7 - Turn signal bulb, front right
- M32 - Main beam bulb, right
- 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
43		- Earth point, lower part of right A pillar 
176		- Earth connection, in right headlight wiring harness
A5		- Positive (+) connection (right turn signal), in dash panel wiring harness
A85		- Connection (58R), in dash panel wiring harness
E116		- Connection (56a, right), in dash panel wiring harness
*		- Only models with Low- Line equipment
**		- Only models with High- Line equipment

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