

Audi A4

Current Flow Diagram

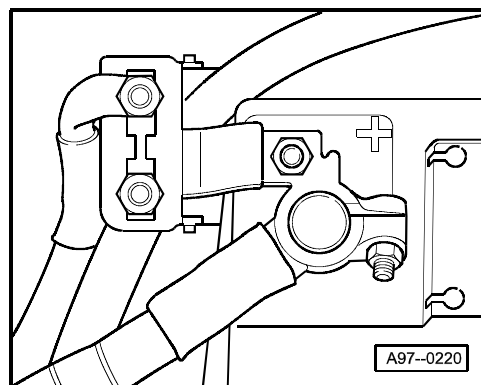
No. 56 / 1

Edition 04.2004

Avant models, rear

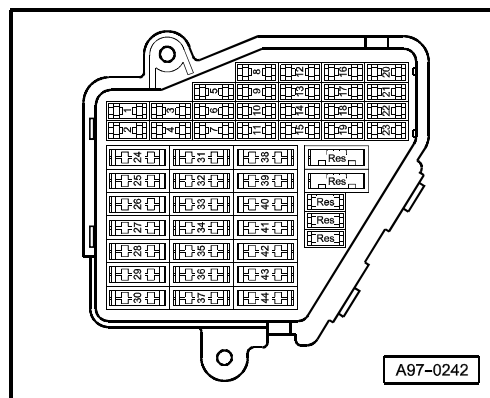
From model year 2002

Main fuse



- ◆ On battery

Fuse box



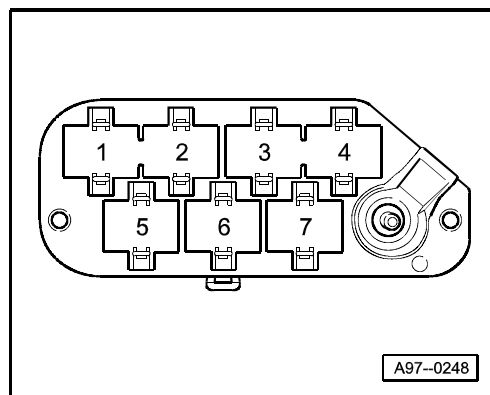
- ◆ Dash panel, driver's side

Fuse colours

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

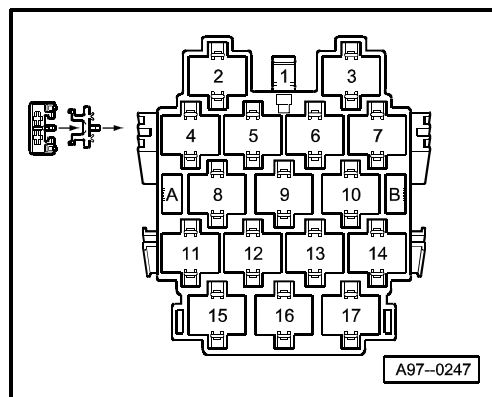
**Note:**

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

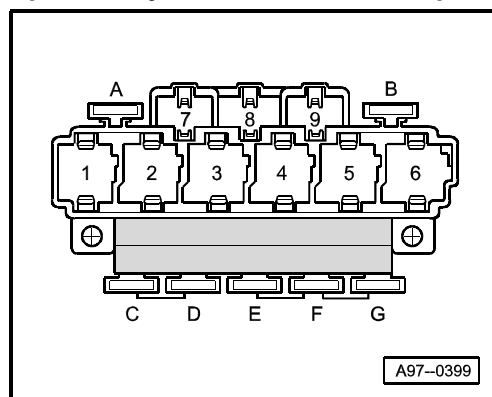
- ♦ In electronics box, plenum chamber
3 - 17-pin connector, red (T17d)

Connector point, A pillar



- ♦ On left-hand side, bottom, behind side trim
10 - 17-pin connector, orange (T17f)

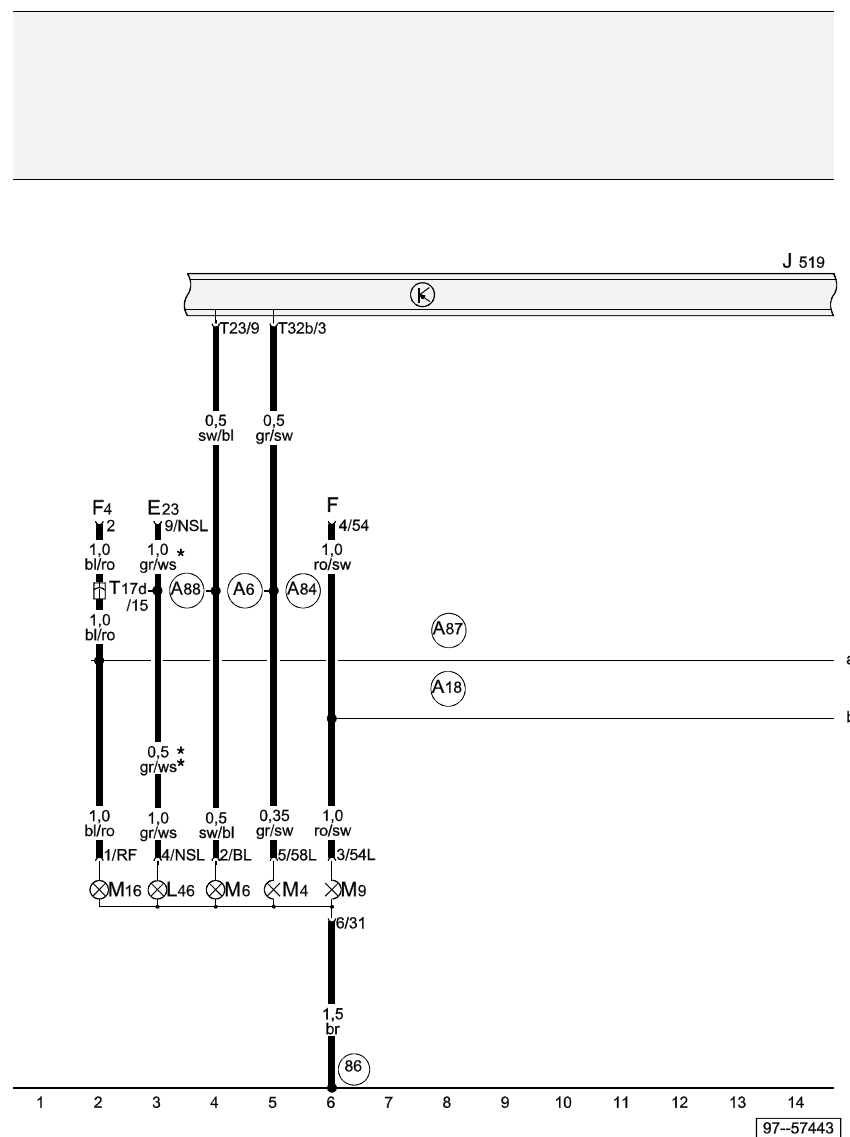
9-point relay carrier with onboard power supply control unit



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

Current Flow Diagram

No. 56 / 2



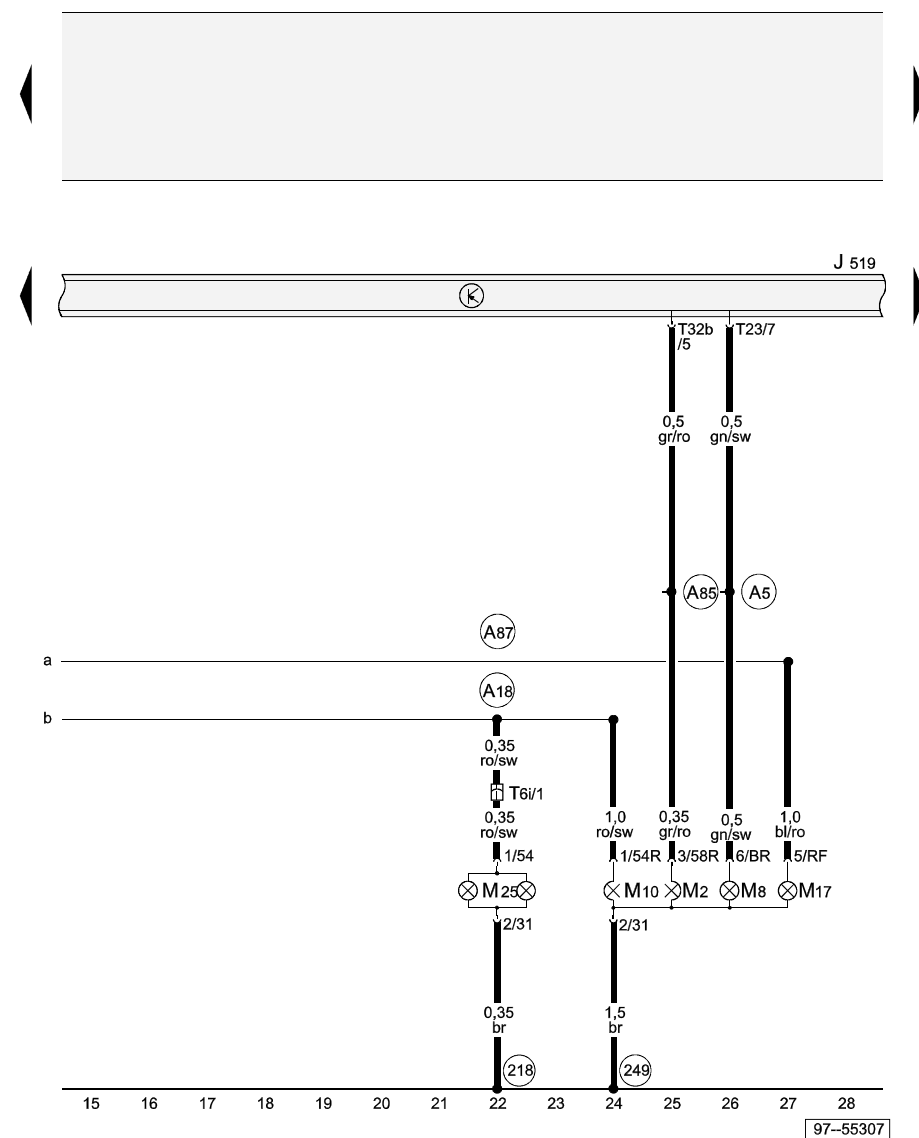
E23	- Front and rear fog light switch
F	- Brake light switch
F4	- Reversing light switch
J519	- Onboard power supply control unit
L46	- Rear fog light bulb, left
M4	- Tail light bulb, left
M6	- Turn signal bulb, rear left
M9	- Brake light bulb, left
M16	- Reversing light bulb, left
T17d	- 17-pin connector, red, connector point, electronics box, plenum chamber
T23	- 23-pin connector, black, on onboard power supply control unit
T32b	- 32-pin connector, grey, on onboard power supply control unit
86	- Earth connection -1-, in rear wiring harness
A6	- Positive (+) connection (left turn signal), in dash panel wiring harness
A18	- Connection (54), in dash panel wiring harness
A84	- Connection (58L), in dash panel wiring harness
A87	- Connection (RF (reversing light)), in dash panel wiring harness
A88	- Connection (NSL (rear fog light)), in dash panel wiring harness
*	- Only applies to models without trailer socket
**	- Applicable from model year 2004

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

Audi A4

Current Flow Diagram

No. 56 / 3



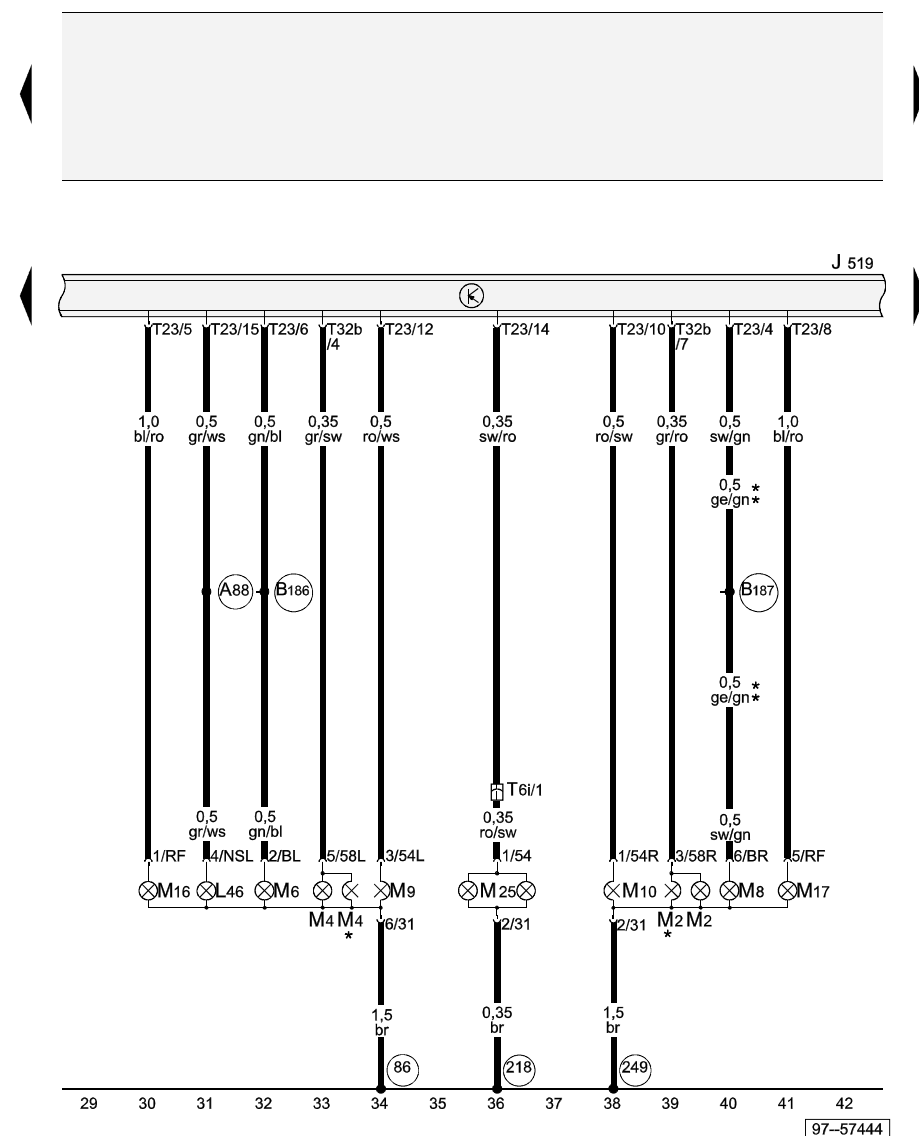
Tail lights, right (Lowline)

- J519 - Onboard power supply control unit
- M2 - Tail light bulb, right
- M8 - Turn signal bulb, rear right
- M10 - Brake light bulb, right
- M17 - Reversing light bulb, right
- M25 - High level brake light bulb
- T6i - 6-pin connector, brown, behind side trim, rear left
- T23 - 23-pin connector, black, on onboard power supply control unit
- T32b - 32-pin connector, grey, on onboard power supply control unit
- 218 - Earth connection -1-, in rear lid wiring harness
- 249 - Earth connection -2-, in interior wiring harness
- A5 - Positive (+) connection (right turn signal), in dash panel wiring harness
- A18 - Connection (54), in dash panel wiring harness
- A85 - Connection (58R), in dash panel wiring harness
- A87 - Connection (RF (reversing light)), in dash panel wiring harness

Audi A4

Current Flow Diagram

No. 56 / 4



Tail lights (Highline)

- J519 - Onboard power supply control unit
- L46 - Rear fog light bulb, left
- M2 - Tail light bulb, right
- M4 - Tail light bulb, left
- M6 - Turn signal bulb, rear left
- M8 - Turn signal bulb, rear right
- M9 - Brake light bulb, left
- M10 - Brake light bulb, right
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- M25 - High level brake light bulb
- T6i - 6-pin connector, brown, behind side trim, rear left
- T23 - 23-pin connector, black, on onboard power supply control unit
- T32b - 32-pin connector, grey, on onboard power supply control unit
- 86 - Earth connection -1-, in rear wiring harness
- 218 - Earth connection -1-, in rear lid wiring harness
- 249 - Earth connection -2-, in interior wiring harness
- A88 - Connection (NSL (rear fog light)), in dash panel wiring harness
- B186 - Connection -2- (BL (turn signal, left)), in interior wiring harness
- B187 - Connection -2- (BR (turn signal, right)), in interior wiring harness
- * - M2/M4 in twin filament bulb (5W) not required.
- ** - Applicable from model year 2004

No. 56 / 5



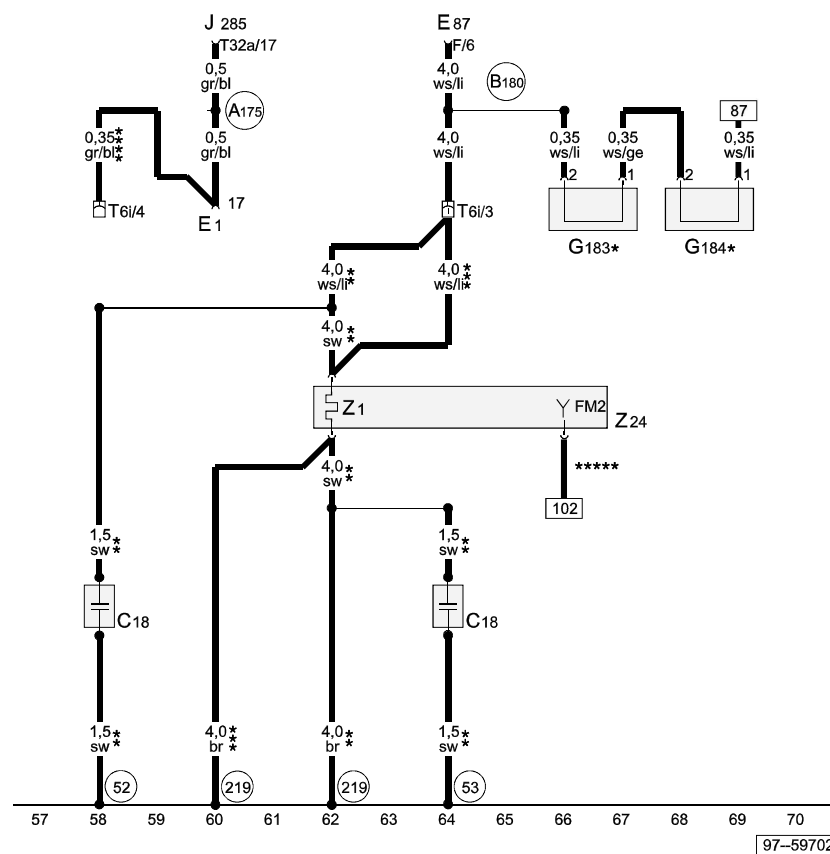
- J59 - X contact relief relay
- J519 - Onboard power supply control unit
- S236 - Fuse in fuse box
- T4l - 4-pin connector, black, in rear lid
- T8j - 8-pin connector, black, behind side trim, rear left
- T10b - 10-pin connector, black, on onboard power supply control unit
- T17 - 17-pin connector, black, 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
- V5 - Washer pump
- V12 - Rear window wiper motor
- X - Number plate light
- 218 - Earth connection -1-, in rear lid wiring harness
- 219 - Earth connection -2-, in rear lid wiring harness
- 654 - Earth point, right D pillar
- A34 - Connection (75x), in dash panel wiring harness
- B132 - Connection (number plate light), in interior wiring harness

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

Audi A4

Current Flow Diagram

No. 56 / 6

**Glass breakage sensors, heated rear window**

- C18 - Window aerial suppression filter
- E1 - Light switch
- E87 - Air conditioning system/Climatronic operating and display unit
- G183 - Glass breakage sensor, rear left side window
- G184 - Glass breakage sensor, rear right side window
- J285 - Control unit in dash panel insert
- T6i - 6-pin connector, brown, behind side trim, rear left
- T32a - 32-pin connector, green, on dash panel insert
- Z1 - Heated rear window
- Z24 - Heated rear window with window aerial
- 52 - Earth point in rear lid, left
- 53 - Earth point in rear lid, right
- 219 - Earth connection 2, in rear lid wiring harness
- A175 - Connection (58s), in dash panel wiring harness
- B180 - Connection (heated rear window), in interior wiring harness
- * - Only applies to models with anti-theft alarm system
- ** - Only applies to models with radio
- *** - Only applies to models without radio
- **** - Applicable from model year 2004
- ***** - Only applies to models with radio Concert or Symphony

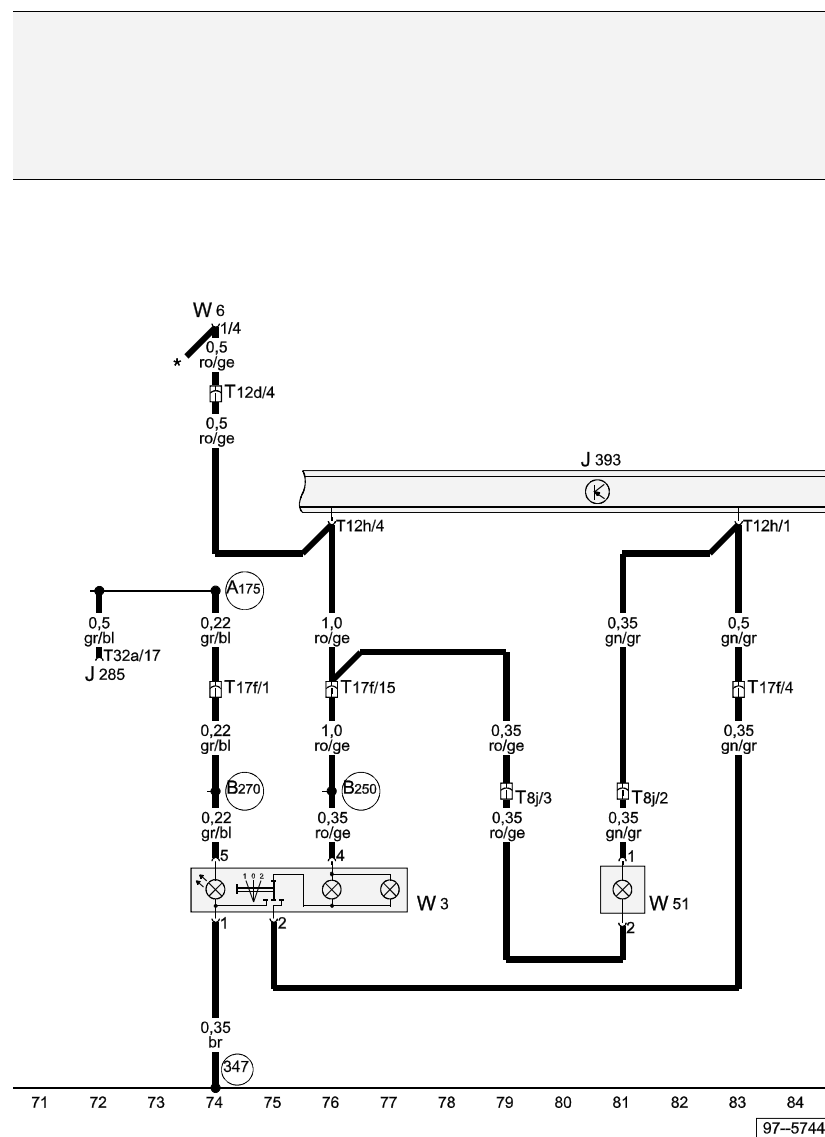
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

97-59702

Audi A4

Current Flow Diagram

No. 56 / 7



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

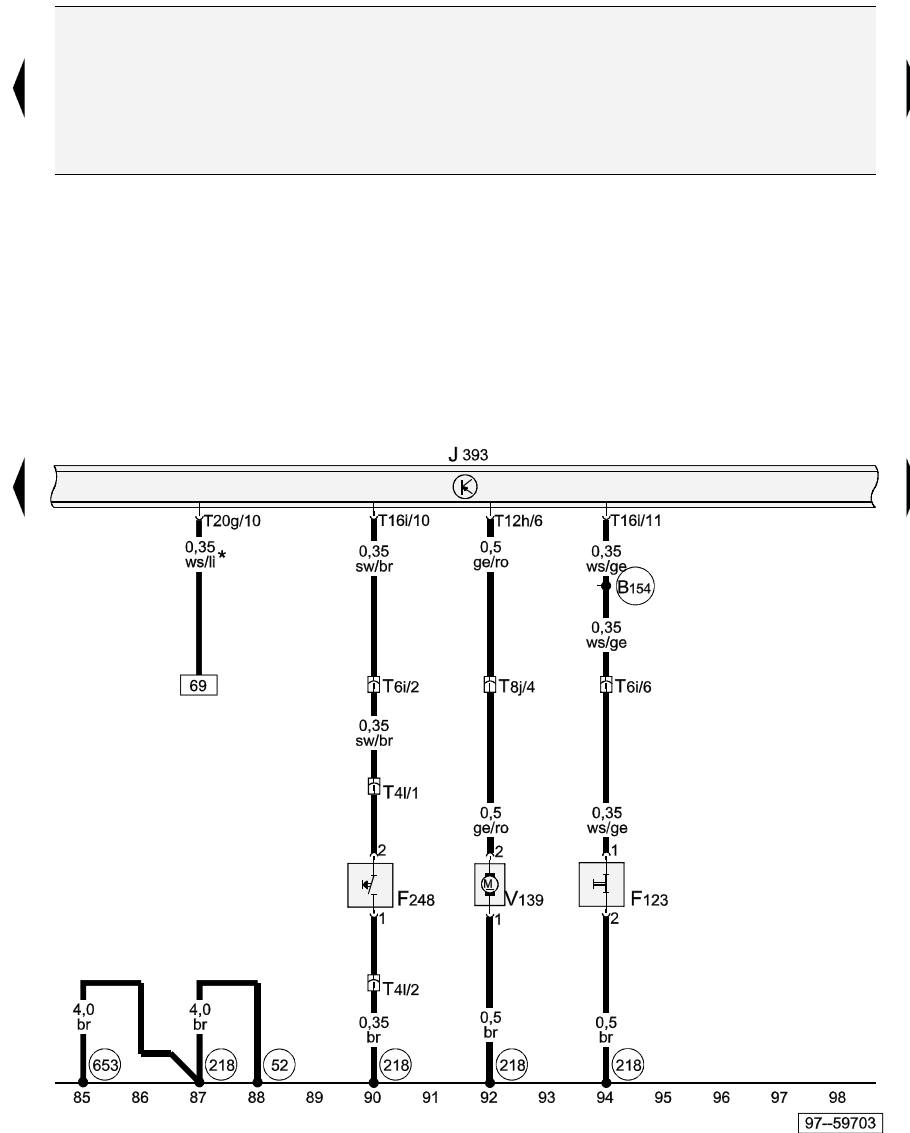
Luggage compartment light, rear lid light

- J285 - Control unit with display in dash panel insert
- J393 - Convenience system central control unit
- T8j - 8-pin connector, black, behind side trim, rear left
- T12d - 12-pin connector, brown, near glove box
- T12h - 12-pin connector, black, on convenience system central control unit
- T17f - 17-pin connector, orange, connector point, A pillar, left
- T32a - 32-pin connector, green, on dash panel insert
- W3 - Luggage compartment light
- W6 - Glove box light
- W51 - Rear lid light
- 347 - Earth connection, in roof wiring harness
- A175 - Connection (58s), in dash panel wiring harness
- B250 - Positive (+) connection, in roof wiring harness
- B270 - Connection (58s), in roof wiring harness
- * - Only applies to models with airbag disabling key switch

Audi A4

Current Flow Diagram

No. 56 / 8

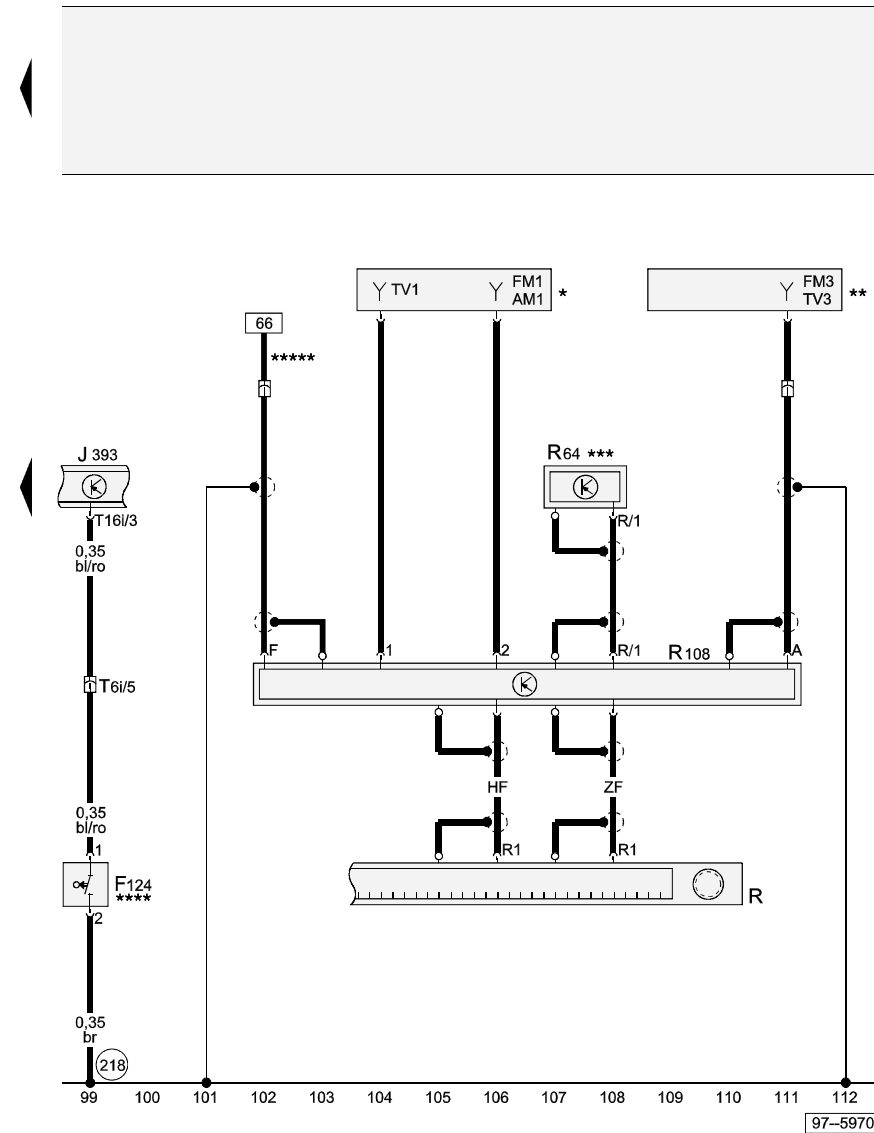
**Rear lid contact switch for anti-theft alarm, rear lid release**

- F123 - Rear lid contact switch for anti-theft alarm
- F248 - Release button for rear lid lock cylinder
- J393 - Convenience system central control unit
- T4i - 4-pin connector, black, in rear lid
- T6i - 6-pin connector, brown, behind side trim, rear left
- T8j - 8-pin connector, black, behind side trim, rear left
- T12h - 12-pin connector, black, on convenience system central control unit
- T16i - 16-pin connector, brown, on convenience system central control unit
- T20g - 20-pin connector, red, on convenience system central control unit
- V139 - Rear lid release motor
- 52 - Earth point in rear lid, left
- 218 - Earth connection -1-, in rear lid wiring harness
- 653 - Earth point, left D pillar
- B154 - Connection -1- (TK (door contact)), in interior wiring harness
- * - Only applies to models with anti-theft alarm system

Audi A4

Current Flow Diagram

No. 56 / 9



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

Aerials for radio

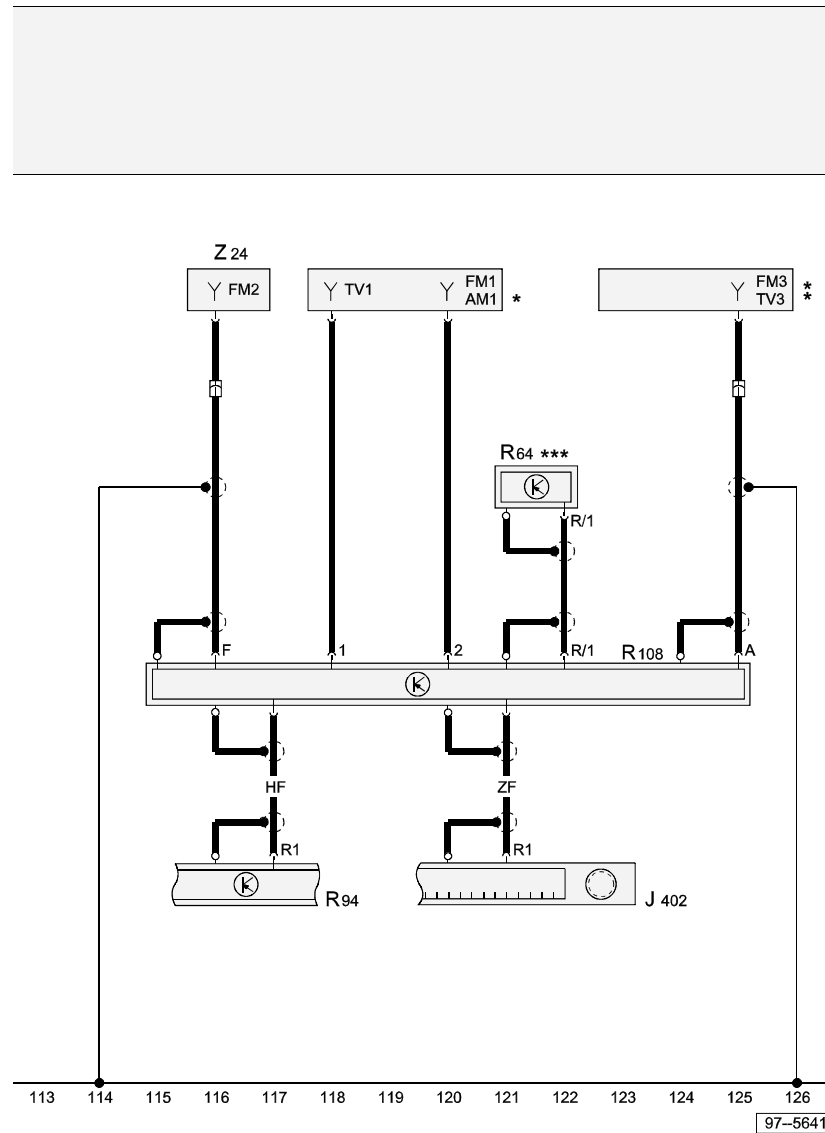
- F124 - Contact switch in lock cylinder for rear lid anti-theft alarm system/central locking system
- J393 - Convenience system central control unit
- R - Radio
- R1 - Aerial connection
- R64 - Auxiliary heating radio controlled receiver
- R108 - Aerial module, left
- T6i - 6-pin connector, brown, behind side trim, rear left
- T16i - 16-pin connector, brown, on convenience system central control unit (used to be connector 5)
- 218 - Earth connection 1, in rear lid wiring harness
- * - Side window, rear left
- ** - Side window, rear right
- *** - Only applies to models with auxiliary heater
- **** - Applicable up to October 2003
- ***** - Only applies to models with radio Concert or Symphony

97-59704

Audi A4

Current Flow Diagram

No. 56 / 10

**Aerials for radio navigation system**

- J402 - Operating electronics control unit, navigation
- R1 - Aerial connection
- R64 - Auxiliary heating radio controlled receiver
- R94 - Navigation interface
- R108 - Aerial module, left
- Z24 - Heated rear window with window aerial
- * - Side window, rear left
- ** - Side window, rear right
- *** - Only applies to models with auxiliary heater

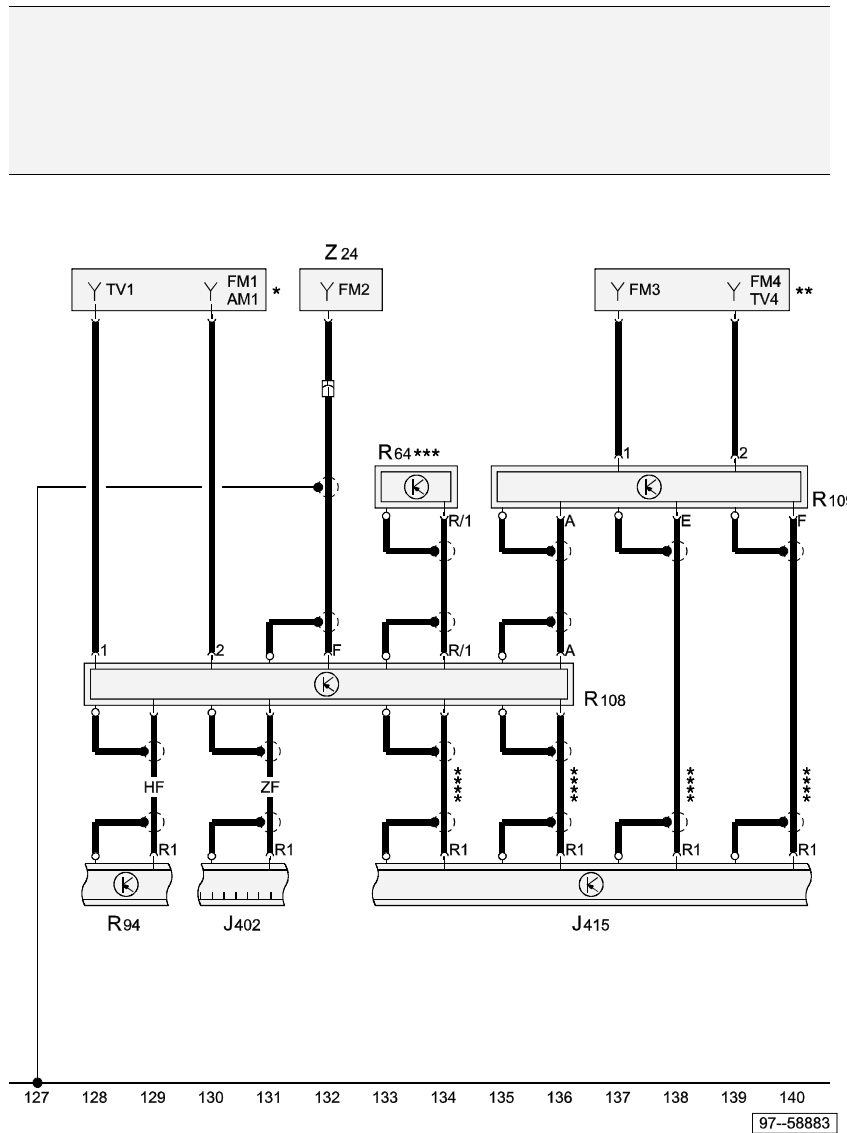
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

97-56415

Audi A4

Current Flow Diagram

No. 56 / 11

**Aerials for radio navigation system with TV receiver**

- J402 - Operating electronics control unit, navigation
- J415 - Navigation/TV tuner
- R1 - Aerial connection
- R64 - Auxiliary heating radio controlled receiver
- R94 - Navigation interface
- R108 - Aerial module, left
- R109 - Aerial module, right
- Z24 - Heated rear window with window aerial
- * - Side window, rear left
- ** - Side window, rear right
- *** - Only applies to models with auxiliary heater
- **** - Only applies to models without digital TV tuner, digital TV tuner ⇒ applicable Current Flow Diagram