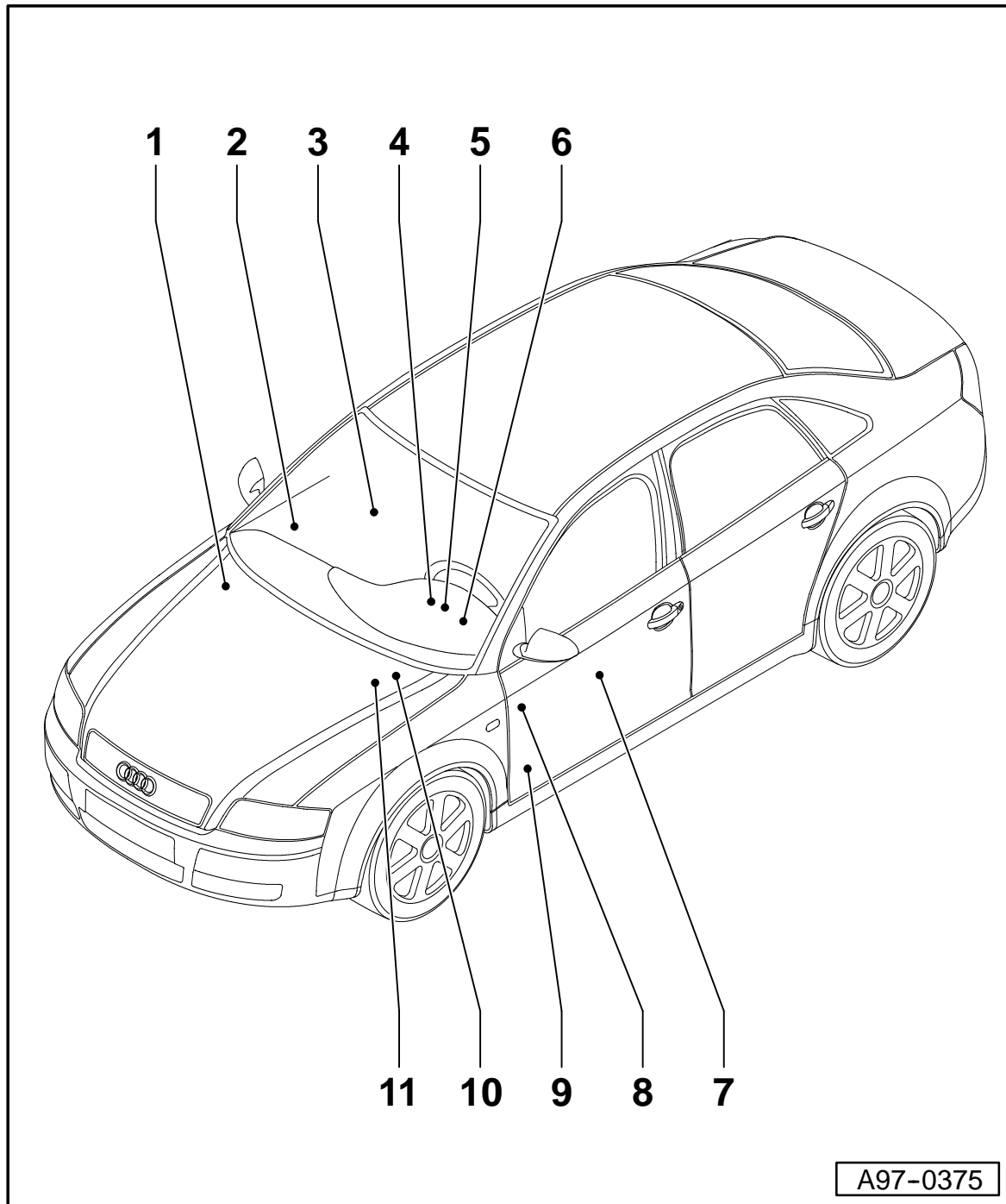


Main fuse, connector points, relay carriers, fuse box**Fitting locations overview****1 - Main fuse**

◆ ⇒ Fig. 1, page 1/3

2 - Connector point, A pillar

◆ ⇒ Fig. 2, page 1/4

3 - Connector point, seat wiring

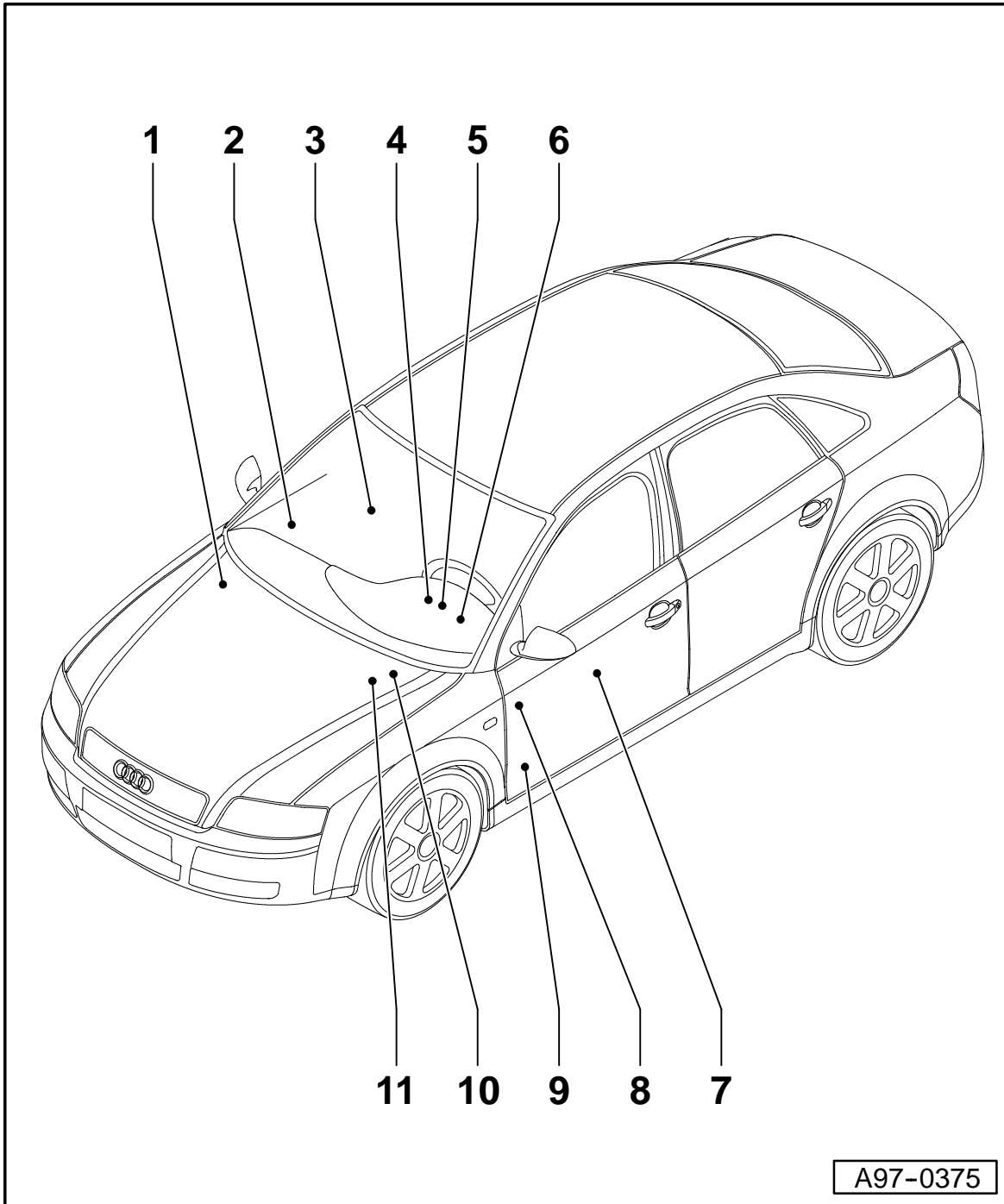
◆ ⇒ Fig. 3, page 1/5

4 - Relay carrier (3-point)

◆ ⇒ Fig. 7, page 1/9

5 - Relay carrier (9-point) with onboard power supply control unit

◆ ⇒ Fig. 8, page 1/10



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6 - Relay carrier (4-point) with screw connection

◆ ⇒ Fig. 9, page 1/11

7 - Connector point, seat wiring

◆ ⇒ Fig. 4, page 1/6

8 - Fuse box

◆ ⇒ Fig. 12, page 1/14-1/17

9 - Connector point, A pillar

◆ ⇒ Fig. 5, page 1/7

10 - Connector point with screw connection

◆ ⇒ Fig. 6, page 1/8

11 - Relay carrier (4-point), petrol engines

◆ ⇒ Fig. 10, page 1/12

11 - Relay carrier (4-point), diesel engines

◆ ⇒ Fig. 11, page 1/13

Main fuse

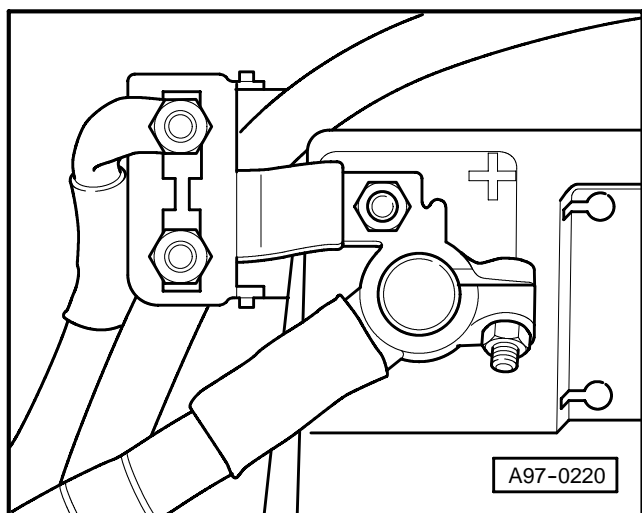
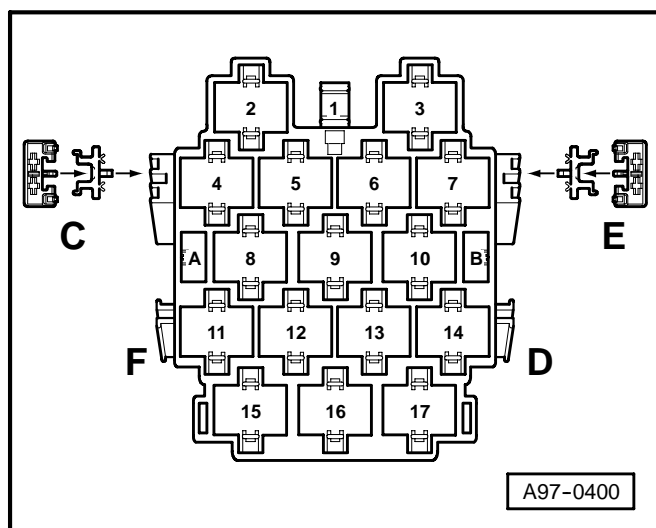


Fig. 1 Main fuse

◆ On battery

S88 - Strip fuse - 150 A

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Connector points

Fig. 2 Connector point, A pillar

- ◆ On right hand-side, bottom, behind trim

Fuse colours

10 A - red

30 A - green

Note:

The remaining items in the connector point are not used.

Connectors:

| Item | Designation | Component |
|------|---------------------------------|--|
| 13 | 10-pin connector, purple (T10q) | Police (power horn) |
| 14 | 10-pin connector, brown (T10r) | Police (signal system) |
| 15 | 17-pin connector, red (T17c) | Headlights |
| 17★ | 10-pin connector, black (T10s) | Diagnostic pump for leakage in fuel system |

Fuses:

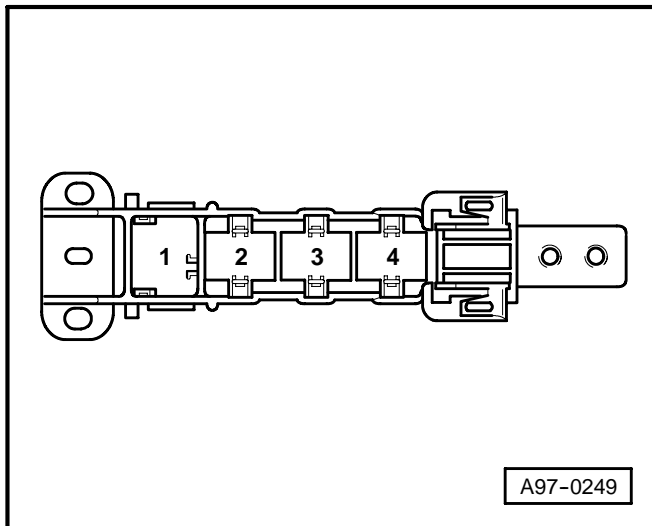
| Item | Socket colour | Designation | Fuse rating |
|------|---------------|--|-------------|
| E | black | Seat adjustment fuse (S46) | 30 A |
| E | black | Seat adjustment fuse (lumbar support adjustment) (S46) | 10 A |

Note:

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Up to model year 2002

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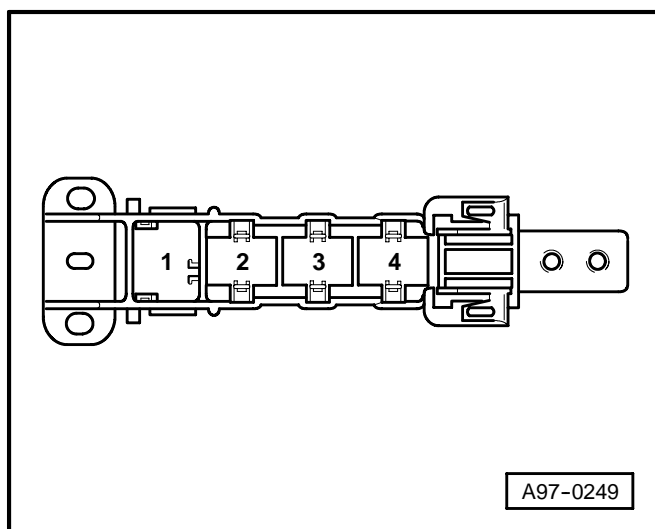
**Fig. 3 Connector point, seat wiring**

◆ Under front passenger's seat

Connectors:

| Item | Designation | Component |
|------|-------------------------------|--------------|
| 1 | 3-pin connector, yellow (T3d) | Side airbag |
| 2 | 10-pin connector, red (T10p) | Supply |
| 3 | 6-pin connector, green (T6e) | Seat heating |
| 4 | 8-pin connector, black (T8c) | Belt buckle |

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**Fig. 4 Connector point, seat wiring**

◆ Under driver's seat

Connectors:

| Item | Designation | Component |
|------|-------------------------------|--------------|
| 1 | 3-pin connector, yellow (T3c) | Side airbag |
| 2 | 10-pin connector, red (T10o) | Supply |
| 3 | 6-pin connector, green (T6d) | Seat heating |
| 4 | 8-pin connector, black (T8b) | Belt buckle |

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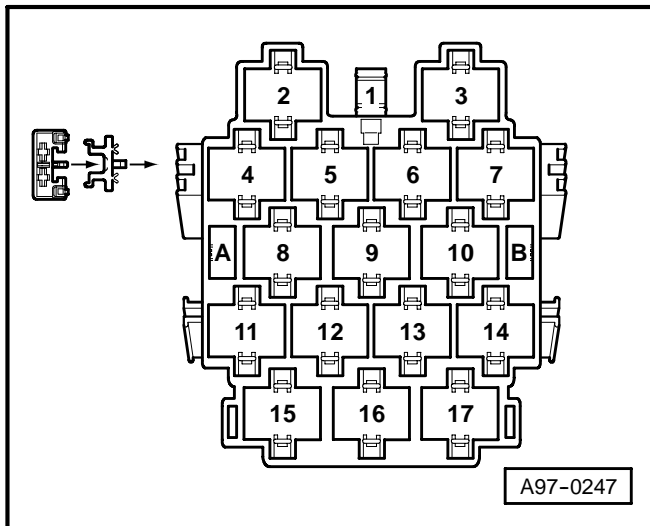


Fig. 5 Connector point, A pillar

- ◆ On left-hand side, bottom, behind side trim

Note:

The remaining items in the connector point are not used.

Connectors:

| Item | Designation | Component |
|------|-------------------------------------|------------------------------|
| 5 | 6-pin connector, light pink (T6f) | Police |
| 7★ | 6-pin connector, black (T6b) | Servotronic |
| 8 | 10-pin connector, blue (T10i) | Parking aid |
| 9 | 17-pin connector, dark brown (T17g) | Roof (connector 1) |
| 10 | 17-pin connector, orange (T17f) | Roof (connector 2) |
| 11★★ | 6-pin connector, black (T6b) | Servotronic |
| 12 | 10-pin connector, white (T10k) | Auxiliary heater |
| 13 | 10-pin connector, purple (T10c) | Wiper motor |
| 14 | 10-pin connector, grey (T10d) | Radiator fan/compressor |
| 15 | 17-pin connector, green (T17b) | Left headlight (connector 3) |
| 16 | 17-pin connector, red (T17a) | Left headlight (connector 2) |
| 17 | 17-pin connector, black (T17) | Left headlight (connector 1) |
| B | Single connector, black (T1a) | Headlight washer system |

Note:

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Up to model year 2001

★★ -

From model year 2002 onwards

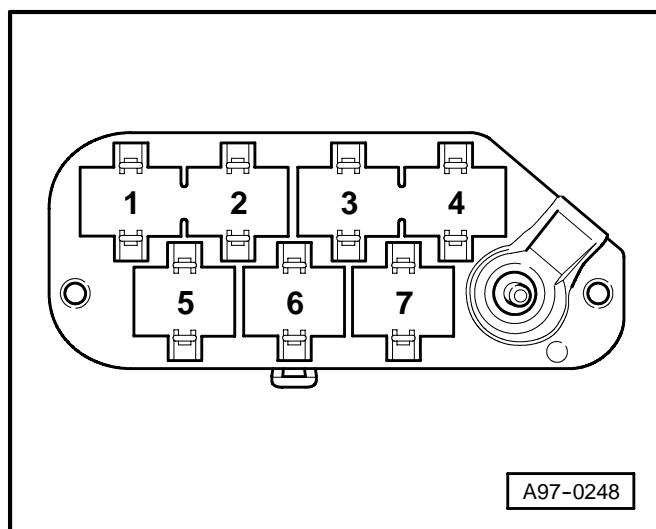


Fig. 6 Connector point with screw connection

◆ In electronics box, plenum chamber

Note:

The remaining items in the connector point are not used.

Connectors:

| Item | Designation | Component |
|------|--------------------------------|------------------------------|
| 1 | 10-pin connector, black (T10) | Engine/gearbox (connector 2) |
| 2 | 10-pin connector, brown (T10a) | Engine/gearbox (connector 3) |
| 3 | 17-pin connector, red (T17d) | Engine/gearbox (connector 1) |
| 4 | 6-pin connector, orange (T6c) | Driving school vehicles |
| 5★ | 10-pin connector, blue (T10n) | Engine/gearbox (connector 5) |
| 5★★ | 17-pin connector, white (T17e) | Engine/gearbox (connector 4) |
| 6★ | 17-pin connector, white (T17e) | Engine/gearbox (connector 4) |

Note:

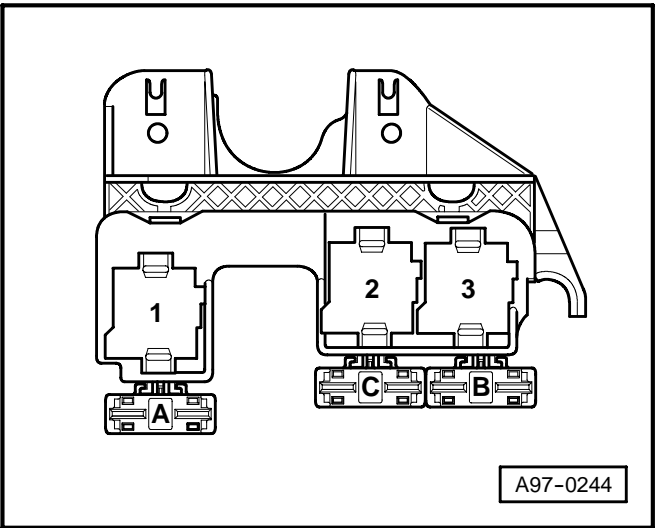
★ -

Up to model year 2001

★★ -

From model year 2002 onwards

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Relay carrier

Fig. 7 Relay carrier (3-point)

◆ Dash panel, driver's side

Fuse colours

- 30 A - green
- 40 A - orange
- 60 A - light blue

Note:

Item 1 in relay carrier is not used.

Position of relays:

| Item | Socket colour | Designation |
|------|---------------|-------------------------------|
| 2 | black | High heat output relay (J360) |
| 3 | brown | Low heat output relay (J359) |

Fuses:

| Item | Socket colour | Designation | Fuse rating |
|------|---------------|---|-------------|
| A | red | Auxiliary heater fuse (S62) | 30 A |
| B | green | Fuse for coolant heater elements (S109) | 40 A |
| C | black | Fuse -2- for coolant heater elements (S143) | 60 A |

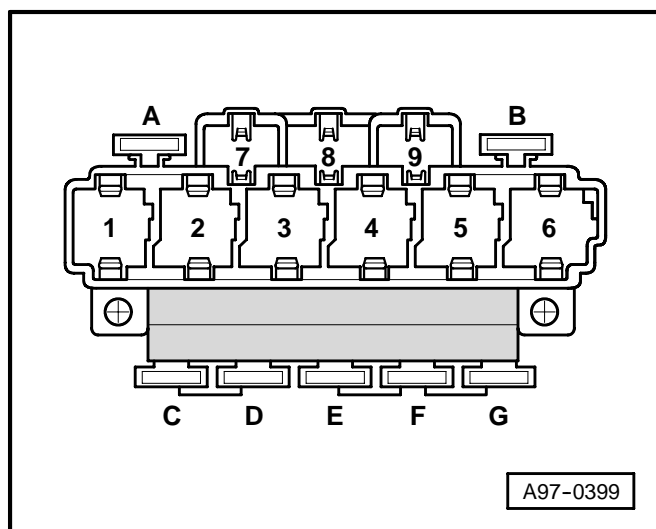


Fig. 8 Relay carrier (9-point) with vehicle voltage control unit

- ◆ Dash panel, driver's side, behind relay carrier (3-point)

Fuse colours

- 10 A - red
- 30 A - green
- 40 A - orange

Note:

The remaining items in the relay carrier are not used.

Position of relays:

| Item | Socket colour | Designation |
|------|---------------|---------------------------------|
| 1 | green | Fuel pump relay (J17) |
| 2 | red | Servotronic control unit (J236) |
| 3 | blue | Dual tone horn relay (J4) |
| 4 | brown | Brake servo relay (J569) |
| 6 | black | X contact relief relay (J59) |

Fuses:

| Item | Socket colour | Designation | Fuse rating |
|------|---------------|--|-------------|
| A | brown | Rear roller blind thermo-fuse (S100) | 10 A |
| B | brown | Rear roller blind thermo-fuse (S100) | 10 A |
| D | brown | Electric window single fuse 2 (S280) | 30 A |
| E | red | Seat adjustment fuse (S45) | 30 A |
| E | red | Seat adjustment fuse (lumbar support adjustment) (S45) | 10 A |
| F | black | Electric window single fuse (S37) | 30 A |
| G | green | Terminal 30 fuse, trailer towing (S77) | 30 A |

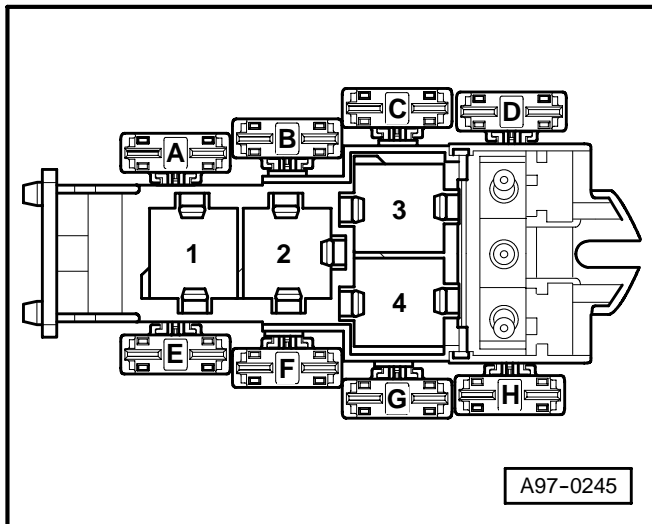


Fig. 9 Relay carrier (4-point) with screw connection

◆ Dash panel, driver's side

Fuse colours

10 A - red
40 A - orange
50 A - red
60 A - light blue

Note:

The remaining items in the relay carrier are not used.

Position of relays:

| Item | Socket colour | Designation |
|------|---------------|-----------------------|
| 4 | | Relay (taxi vehicles) |

Fuses:

| Item | Socket colour | Designation | Fuse rating |
|------|---------------|---|-------------|
| B | | Optional equipment: vermin repellent system | |
| F | black | Fuse for special vehicles | 10 A |
| G | black | Radiator fan single fuse (S42) | 40 A |
| G | black | Radiator fan single fuse (V6) (S42) | 60 A |
| H | brown | ABS control unit fuse 1 (S123) | 50 A |

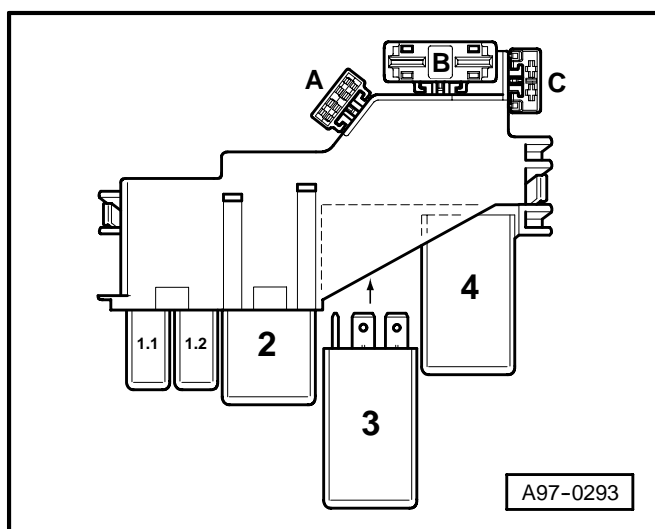


Fig. 10 Relay carrier (4-point), petrol engines

◆ In electronics box, plenum chamber

Fuse colours

15 A - blue

40 A - orange

Note:

Item 1.2 in relay carrier is not used.

Position of relays:

| Item | Socket colour | Designation |
|------|---------------|--|
| 1★ | black | Automatic gearbox relay (multitronic) (J60) |
| 1.1 | red | Continued coolant circulation relay (V6) (J151) |
| 2 | brown | Secondary air pump relay (J299) |
| 3 | black | Motronic current supply relay (J271) |
| 3 | red | Coolant pump control unit (J155) |
| 3 | black | Current supply relay for Simos control unit (J363) |
| 4 | blue | Starter inhibitor and reversing light relay (multitronic) (J226) |
| 4 | blue | Automatic gearbox relay (AG5) (J60) |

Fuses:

| Item | Socket colour | Designation | Fuse rating |
|------|---------------|---|-------------|
| A | black | Engine electronics fuse (S282) | 15 A |
| B | black | Secondary air pump fuse (S130) | 40 A |
| C★ | grey | Automatic gearbox fuse (for ATF pump run-on) (S286) | 15 A |

Note:

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From model year 2002 onwards

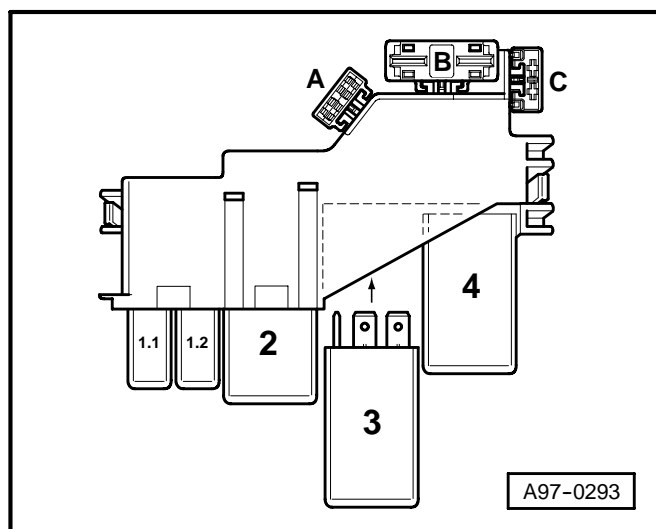


Fig. 11 Relay carrier (4-point), diesel engines

◆ In electronics box, plenum chamber

Fuse colours

15 A - blue

60 A - light blue

80 A - yellow

Note:

Item 1.1 in relay carrier is not used.

Item F is located at bottom of electronics box.

Position of relays:

| Item | Socket colour | Designation |
|------|---------------|--|
| 1★ | black | Automatic gearbox relay (multitronic) (J60) |
| 1.2 | red | Fuel pump relay (J17) |
| 2 | brown | Relay for glow plugs (J52) |
| 3 | black | Terminal 30 voltage supply relay (J317) |
| 4 | blue | Starter inhibitor and reversing light relay (multitronic) (J226) |
| 4 | blue | Automatic gearbox relay (AG5) (J60) |

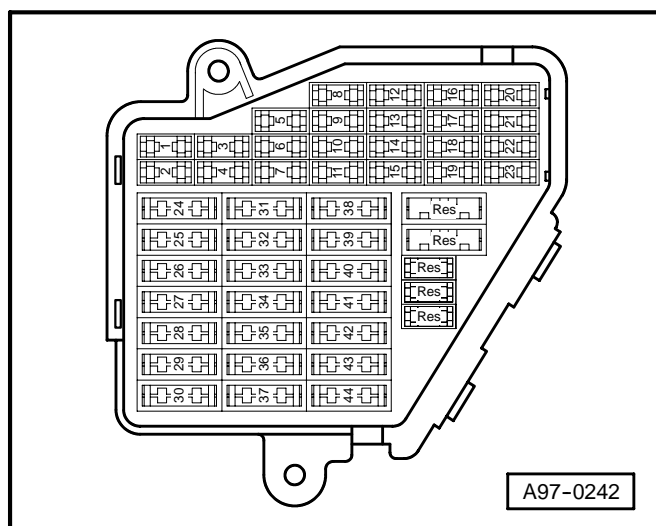
Fuses:

| Item | Socket colour | Designation | Fuse rating |
|------|---------------|---|-------------|
| A | black | Engine control unit fuse (S102) | 15 A |
| B | black | Strip fuse for glow plugs (engine) - V6 (S39) | 60 A |
| B | black | Strip fuse for glow plugs (engine) - 4-cylinder (S39) | 80 A |
| C★ | grey | Automatic gearbox fuse (for ATF pump run-on) (S286) | 15 A |
| D | red | Fuse -2- for glow plugs (S189) | 60 A |
| F★ | red | Fuse -2- for glow plugs (S189) | 60 A |

Note:

★ -

From model year 2002 onwards



Fuse box

Fig. 12 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.

Fuses:

| | | |
|----|---|------|
| 1 | - Control and display unit for air conditioner/Climatronic | 10 A |
| 2 | - Footwell lights | 5 A |
| 3 | - Heater element for left washer jet, heater element for right washer jet | 5 A |
| 4 | - Radiator fan control unit | 5 A |
| 5 | - Oil level/oil temperature sender, multi-function switch, telephone systems, rear seat heating, rear roller blind | 10 A |
| 5★ | - Oil level/oil temperature sender, multi-function switch, telephone systems, rear seat heating, rear roller blind, automatic gearbox relay (V30) | 10 A |
| 6 | - High pressure sender, air quality sensor | 5 A |
| 7 | - ABS with EDL control unit, traction control system switch, clutch pedal switch, steering angle sender | 10 A |
| 8 | - Telephone/telematics control unit, telephone operating electronics control unit, telephone transmitter and receiver unit, aerial amplifier for mobile telephone | 5 A |

Note:

★ -

From model year 2002 onwards

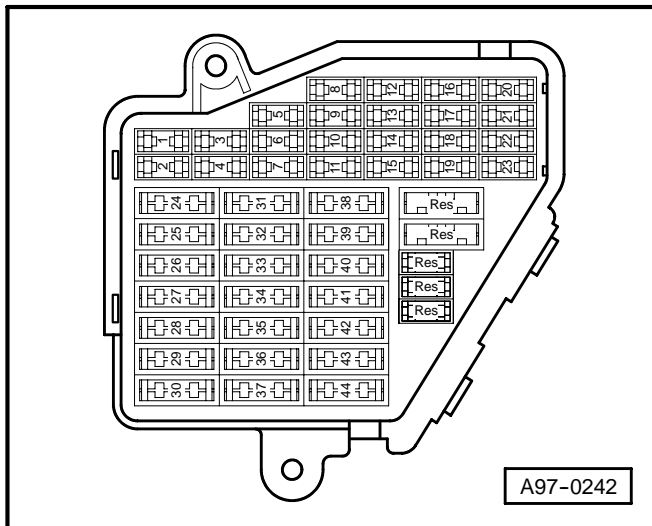


Fig. 12 Fuse box

◆ 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.

Fuses:

| | | |
|-----|--|------|
| 9 | - Vacuum pump for brakes | 15 A |
| 10 | - Headlight range control, control unit | 10 A |
| 11★ | - Automatic gearbox control unit (V30) | 10 A |
| 12 | - Diagnostic socket | 10 A |
| 13 | - Steering column electronics control unit | 10 A |
| 14 | - Brake light switch, right brake light bulb, left brake light bulb, high level brake light bulb | 10 A |
| 15 | - Control unit with display in dash panel insert, navigation system with CD drive control unit | 10 A |
| 16 | - Garage door operation control unit, garage door operating unit | 5 A |
| 17 | - Parking aid control unit | 10 A |
| 19 | - Front left fog light bulb, front right fog light bulb, rear left fog light bulb | 15 A |

Note:

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Up to model year 2001

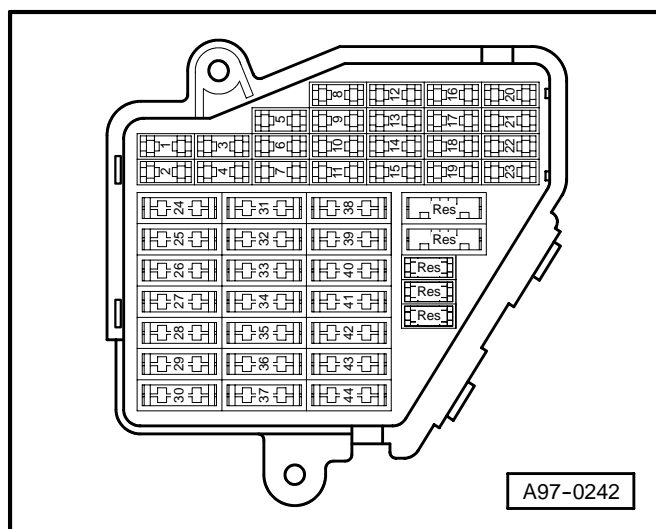


Fig. 12 Fuse box

◆ 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.

Fuses:

| | | |
|----|---|------|
| 20 | - Right gas discharge lamp control unit, twin filament bulb/sealed beam insert, right, headlight range control motor, right | 15 A |
| 21 | - Left gas discharge lamp control unit, twin filament bulb/sealed beam insert, left, headlight range control motor, left | 15 A |
| 22 | - Door control unit - driver's side, electric window motor, left | 15 A |
| 23 | - Door control unit - front passenger's side, electric window motor, right | 15 A |
| 24 | - Convenience system central control unit | 30 A |
| 25 | - Fresh air blower | 30 A |
| 26 | - Heated rear window | 30 A |
| 27 | - Trailer detector control unit | 30 A |
| 28 | - Fuel pump (pre-supply pump) | 20 A |
| 29 | - Engine management: Ignition coils, ignition coils with output stage | 20 A |

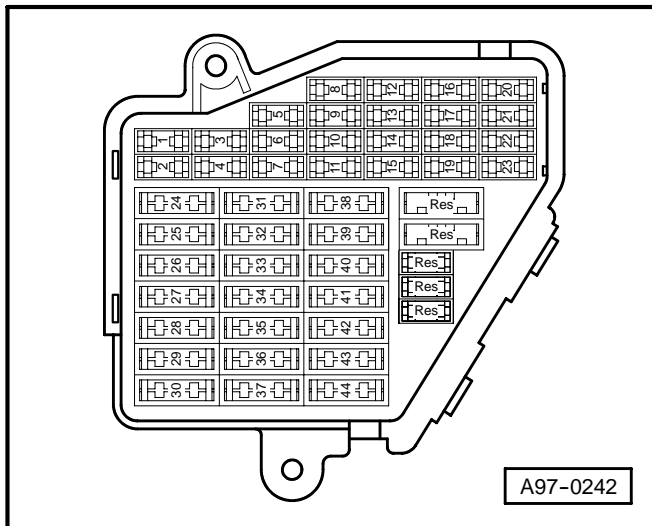


Fig. 12 Fuse box

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.

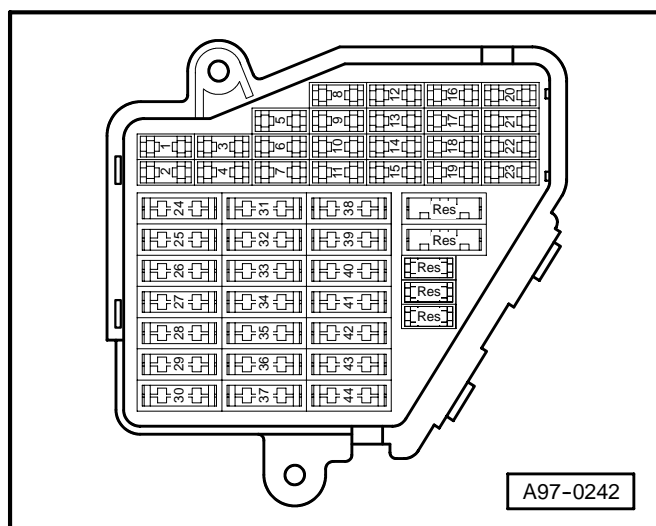
Fuses:

| | | |
|----|---|-------|
| 30 | - Sliding sunroof adjustment control unit | 20 A |
| 31 | - Left reversing light bulb, right reversing light bulb, automatic gearbox control unit, air mass meter, reversing light switch, automatic anti-dazzle interior mirror, diagnostic socket | 15 A |
| 32 | - Engine management: Injectors | 20 A |
| 33 | - Cigarette lighter | 15 A |
| 34 | - Engine management: Activated charcoal filter system solenoid valve 1 (pulsed), intake manifold change-over valve, secondary air inlet valve, air mass meter, lambda probe heater | 15 A |
| 35 | - Socket | 30 A |
| 36 | - Wiper system, onboard power supply control unit | 30 A |
| 37 | - Onboard power supply control unit, headlight washer system pump | 25 A★ |
| 38 | - Alarm horn, "off" button, release button for tailgate/boot lid, convenience system central control unit, anti-theft alarm ultra-sonic sensor | 15 A |

Note:

★ -

Fuse rating increased from 20 A to 25 A.



Fuse box

Fig. 13 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.

Fuses:

| | | |
|----|--|------|
| 39 | - Radio, amplifier, navigation operating electronics control unit, navigation/ TV tuner, navigation interface, chip card reader unit | 20 A |
| 40 | - High tone horn, low tone horn | 25 A |
| 42 | - ABS with EDL control unit | 25 A |
| 43 | - Engine management: Inlet camshaft timing adjustment valve -1-, inlet camshaft timing adjustment valve -2-, Motronic control unit | 15 A |
| 44 | - Seat heating | 30 A |

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