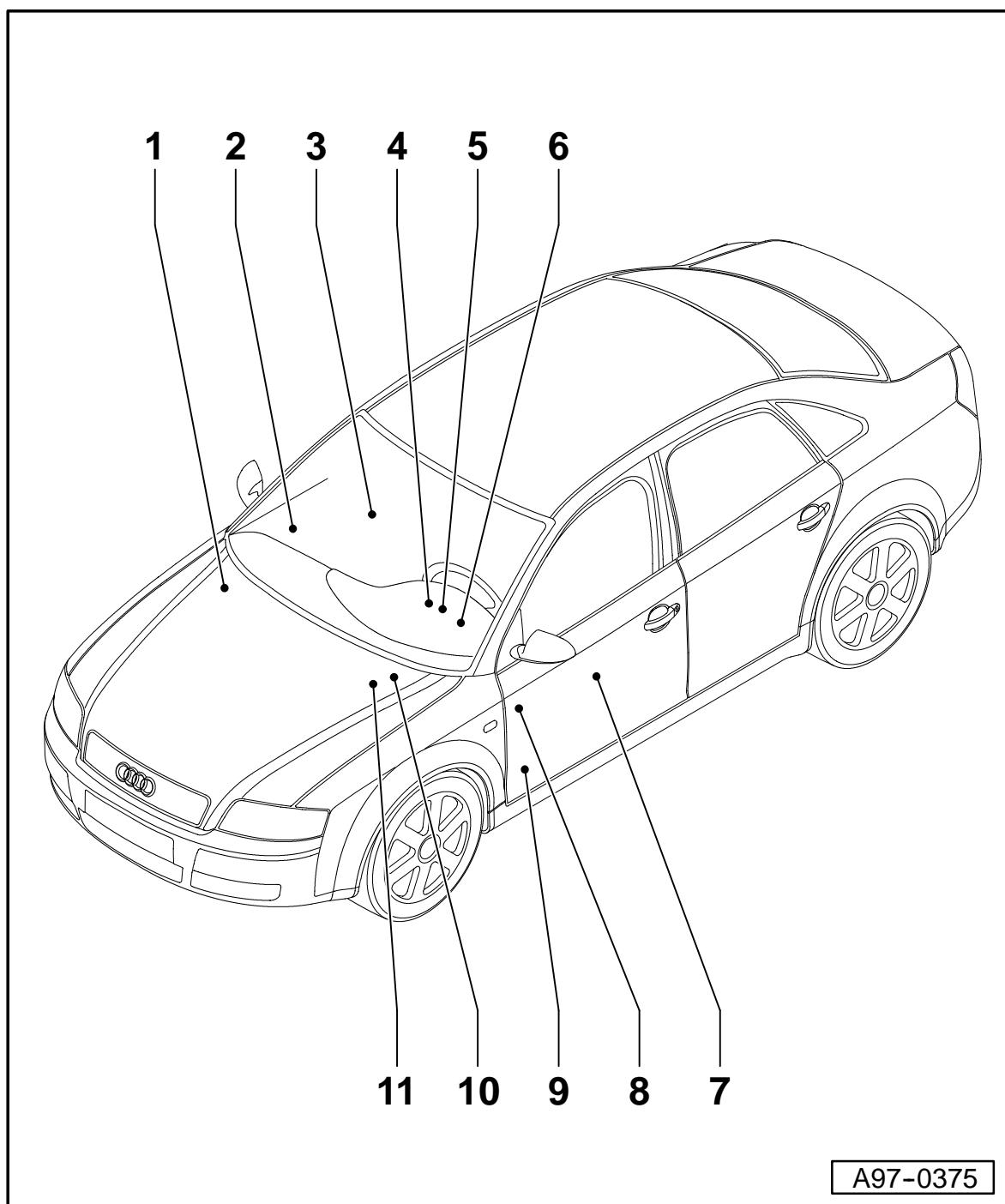


Main fuse, connector points, relay carriers, fuse box



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

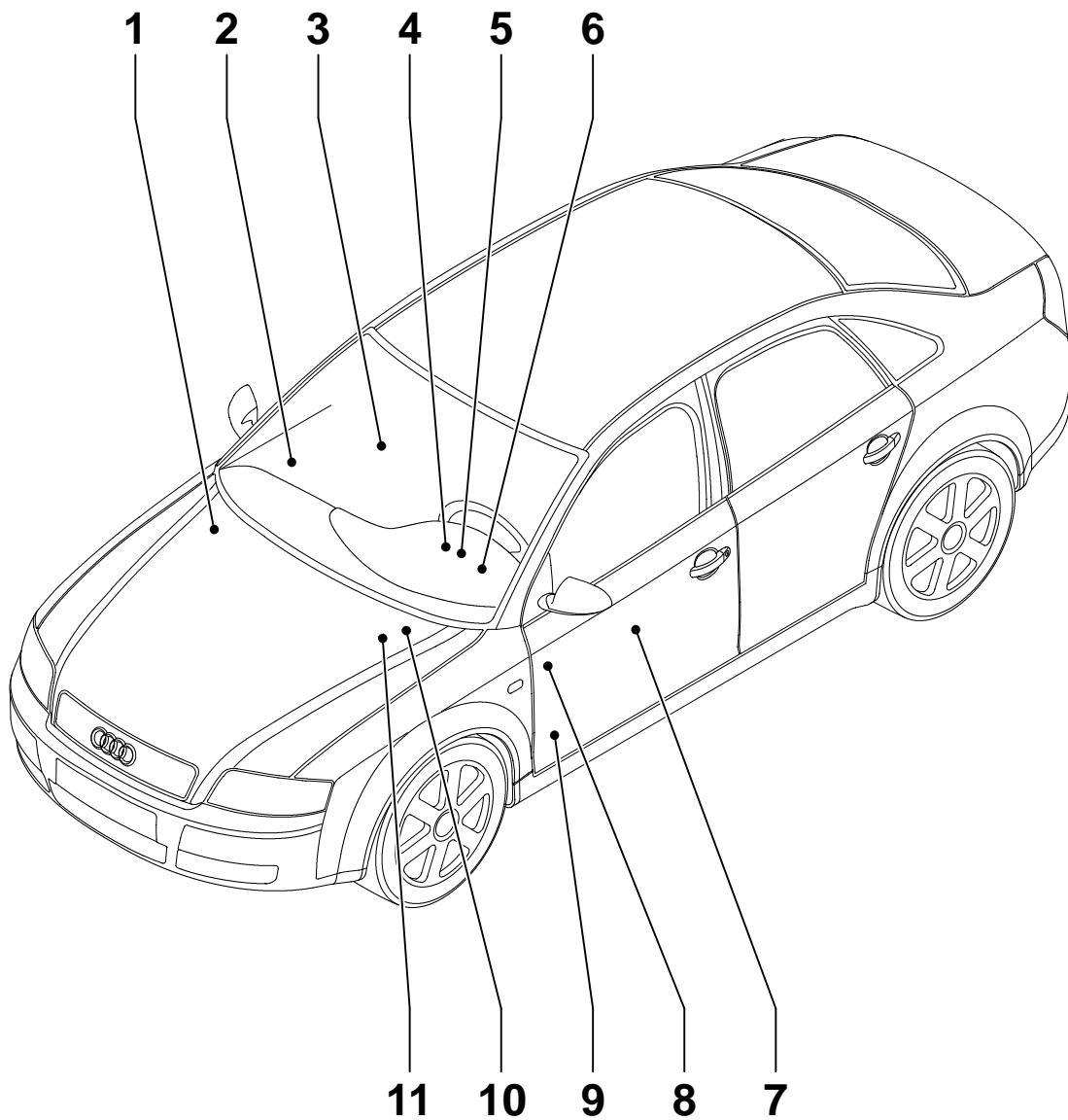
◆ ⇒ Fig. 3, page 1/5

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



A97-0375

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

◆ ⇒ Fig. 9, page 1/11

10 - Connector point with screw connection

◆ ⇒ Fig. 6, page 1/8

7 - Connector point, seat wiring

◆ ⇒ Fig. 4, page 1/6

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

◆ ⇒ Fig. 10, page 1/12

8 - Fuse box

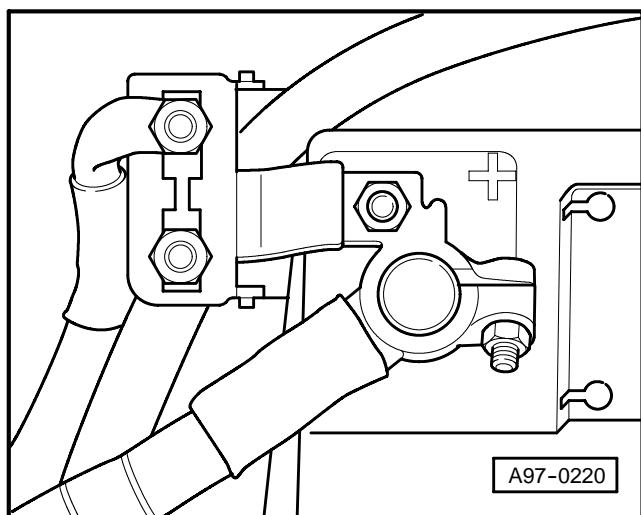
◆ ⇒ Fig. 12, page 1/14-1/17

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

◆ ⇒ Fig. 11, page 1/13

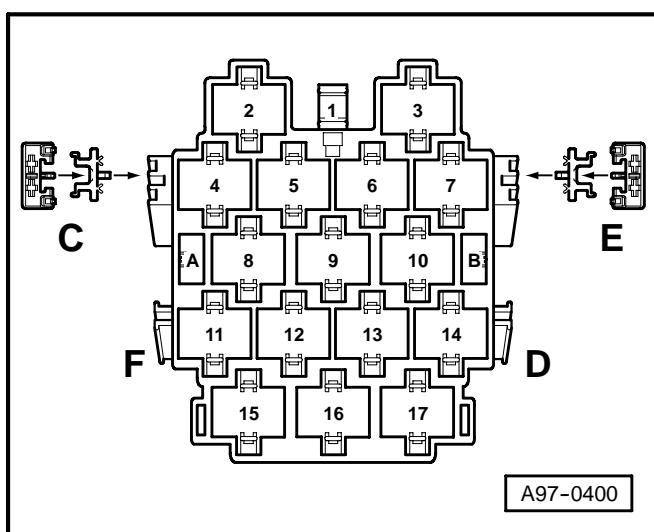
9 - Connector point, A pillar

◆ ⇒ Fig. 5, page 1/7

Main fuse**Fig. 1 Main fuse**

◆ On battery

S88 - Strip fuse - 150 A



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:

* -

Up to model year 2002

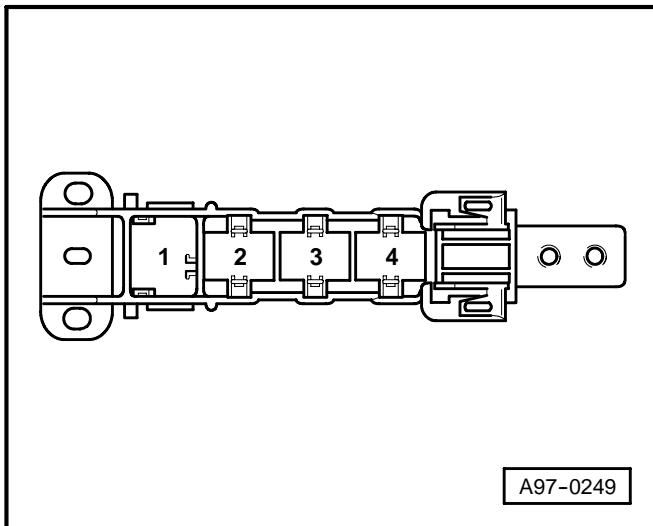


Fig. 3 Connector point, seat wiring

◆ 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

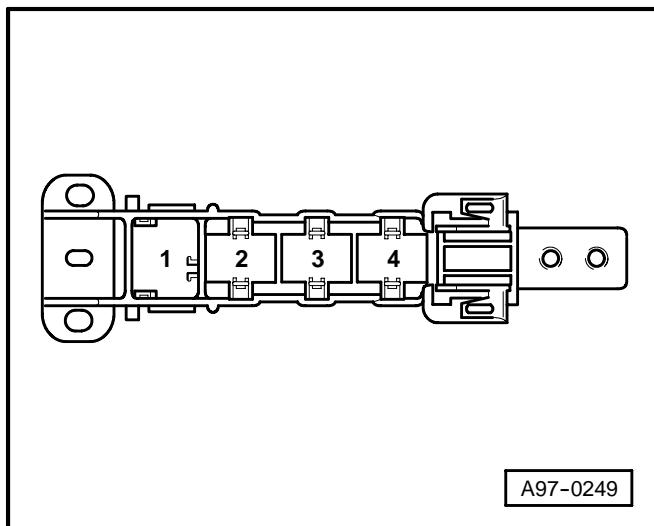


Fig. 4 Connector point, seat wiring

◆ 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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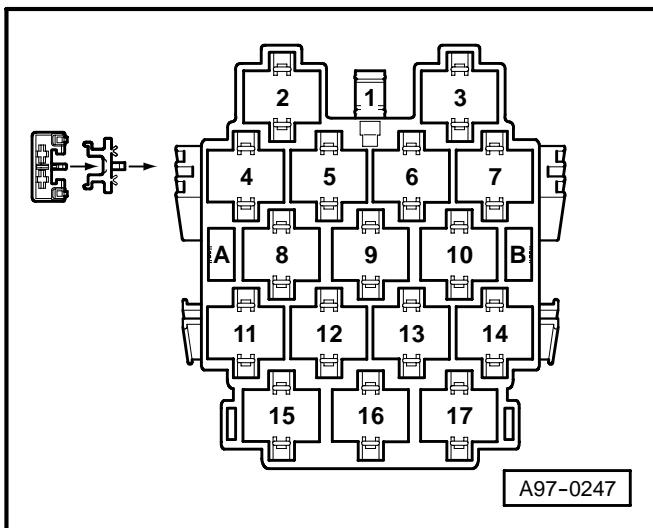


Fig. 5 Connector point, A pillar

- ◆ 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:

* -

Up to model year 2001

** -

From model year 2002 onwards

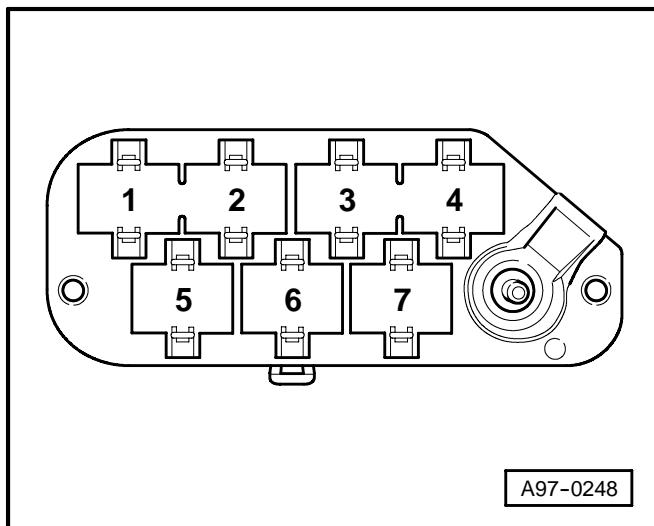


Fig. 6 Connector point with screw connection

◆ 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)

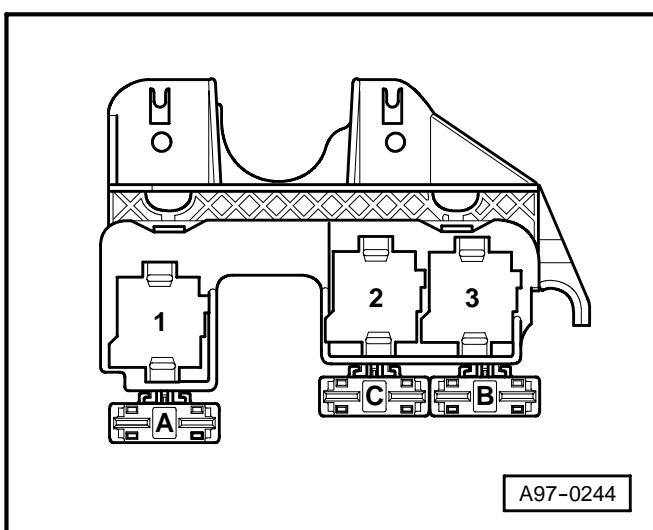
Note:

* -

Up to model year 2001

** -

From model year 2002 onwards



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

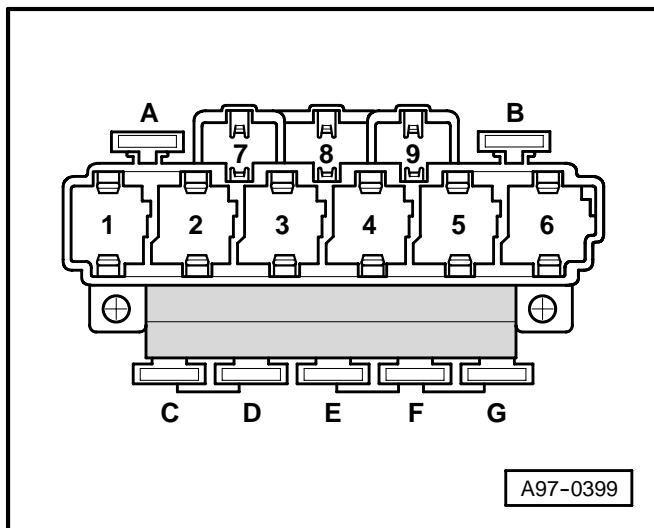


Fig. 8 Relay carrier (9-point) with vehicle voltage control unit

◆ 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

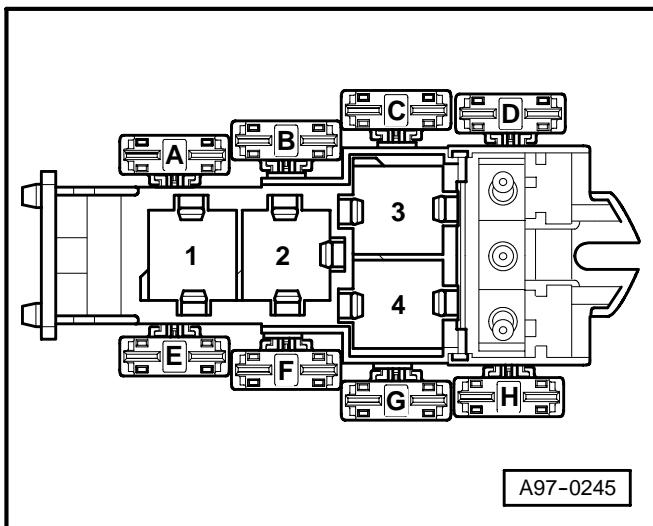


Fig. 9 Relay carrier (4-point) with screw connection

◆ 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

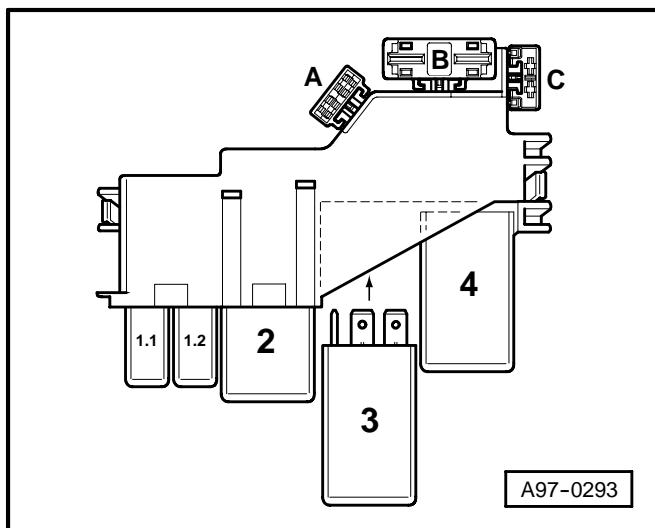


Fig. 10 Relay carrier (4-point), petrol engines

◆ 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:

★ -

From model year 2002 onwards

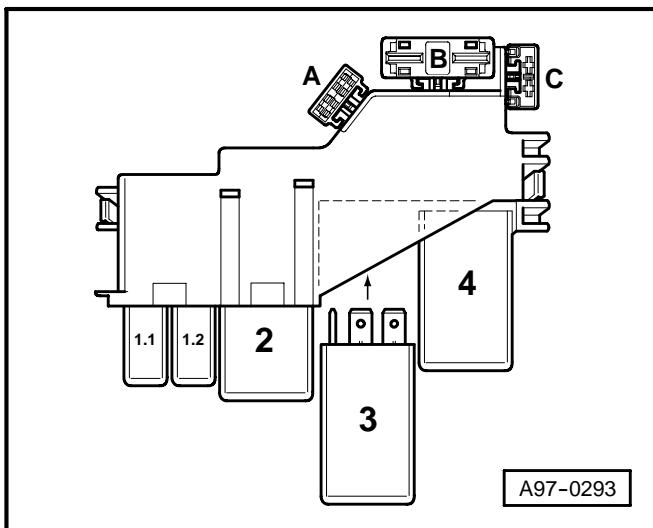


Fig. 11 Relay carrier (4-point), diesel engines

◆ 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)

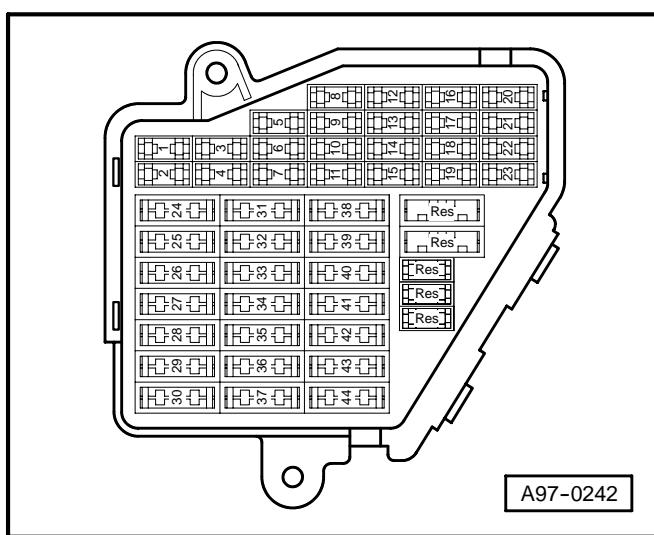
Fuses:

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

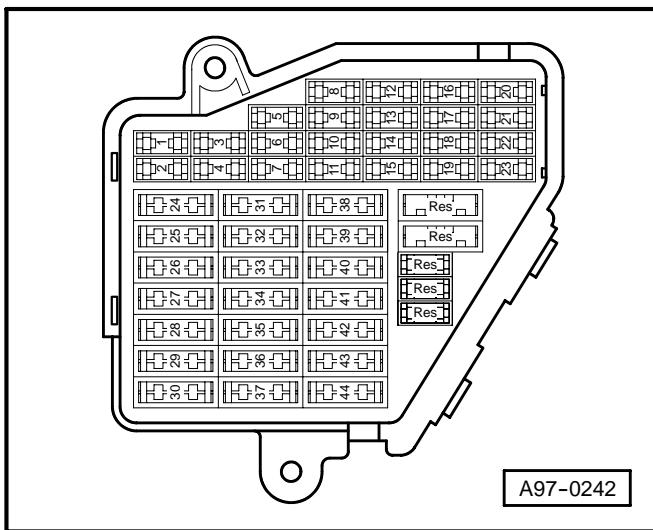


Fig. 12 Fuse box

◆ 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:

★ -

Up to model year 2001

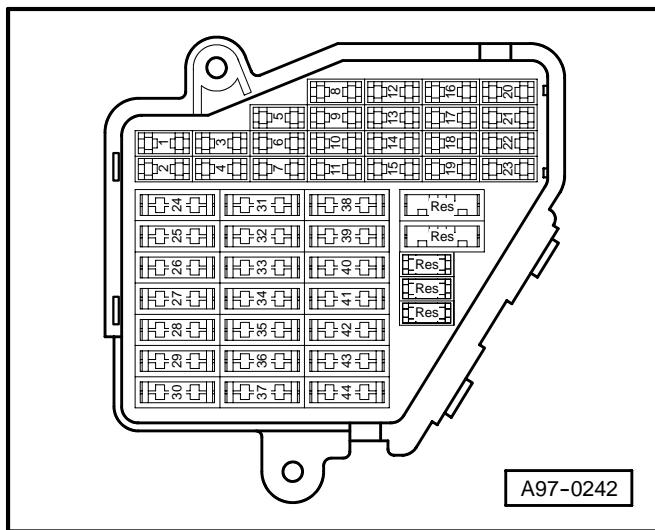


Fig. 12 Fuse box

◆ 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

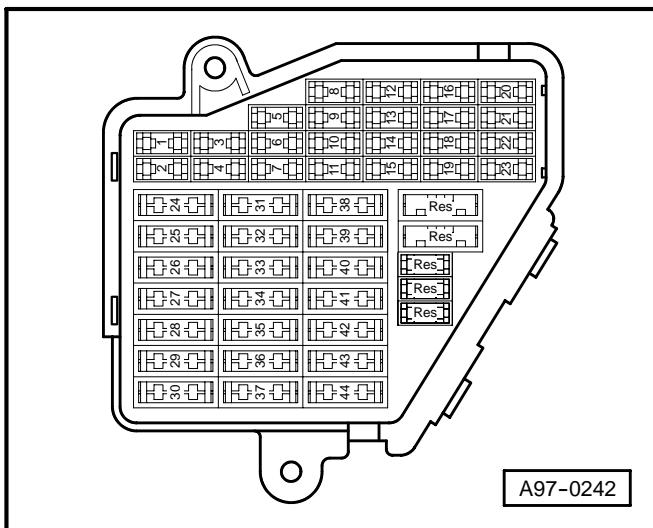


Fig. 12 Fuse box

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:

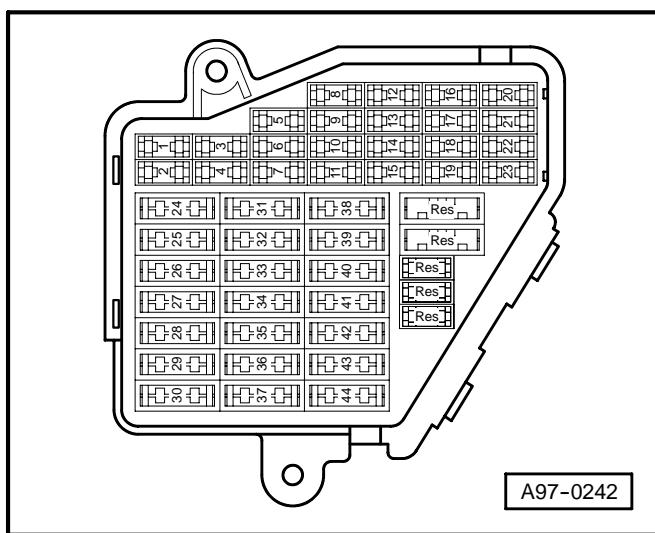
From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

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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