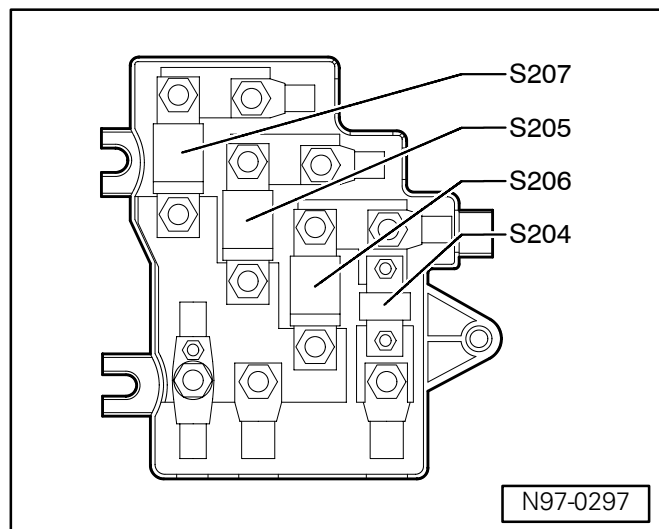


Relays and Fuses

Main fuse box in luggage compartment, left - Main Fuses



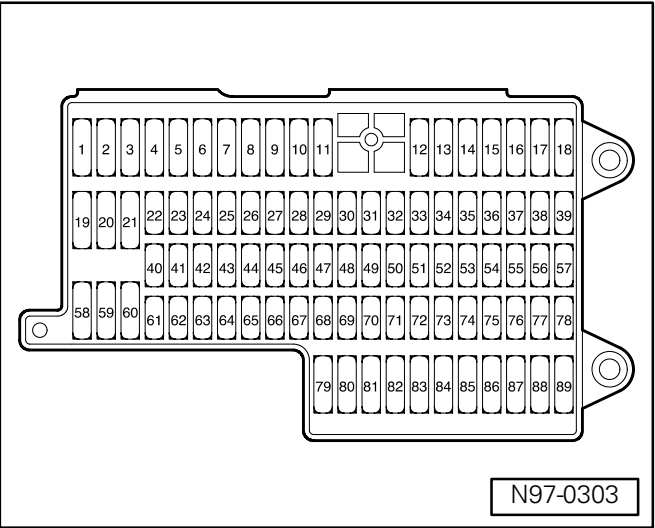
Fuses:

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
1	- S204 - Fuse -1- (30)	100 A	- A18 - Windshield Heating Voltage Converter	30
2	- S205 - Fuse -2- (30)	150 A	- TV28- Wire junction 3 for terminal 30, Thermofuses: SE1, SE2, SE3, SE4, SE5, SE6, SE7 Fuses: SB5, SB7 to SB18, SB27 to SB36, SD11, SD23, SD24, SD26, J329- Voltage Supply Terminal 15 (B+) Relay J680- Power Supply Relay 1 (terminal 75)	30
3	- S206 - Fuse -3- (30)	300 A	- Fuses: SC3, SC6, SC8 to SC16, SC23 to SC27, SC41 to SC47 C - Generator (GEN)	30
4	- S207 - Fuse -4- (30)	-	- open	30

Fuse box under instrument panel, left - Fuses “SB”

Fuse colors

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 3 A - lilac



Fuses “SB1 to SB4” in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
1	- SB1 - Fuse 1 (in fuse holder)	10 A	- Terminal 30 for J582 - Wiper Park Position Heating Relay Z 20 - Left Washer Nozzle Heater Z 21 - Right Washer Nozzle Heater	75a
2	- SB2 - Fuse 2 (in fuse holder)	20 A 15 A*	- J386 - Door control module, driver side J657 - Door Closing Control Module J388 - Door control module, rear, left	30
3	- SB3 - Fuse 3 (in fuse holder)	20 A 15 A*	- J387 - Door control module, passenger side J657 - Door Closing Control Module J389 - Door control module, rear, right	30
4	- SB4 - Fuse 4 (in fuse holder)	20 A	- SC18 -Fuse 18 (in fuse holder) SC19 -Fuse 19 (in fuse holder) SC20 -Fuse 20 (in fuse holder)	15a

* - from 05.03

Fuses “SB5 to SB13” in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
5	- SB5 - Fuse 5 (in fuse holder)	5 A	- J528 - Roof Electronics Control Module	30
6	- open	-	- -	-
7	- open	15 A	- -	30
8	- SB 8 - Fuse 8 (in fuse holder)	25 A	- J104 - ABS Control Module (w/EDL) J106 - ABS Solenoid Valve Relay	30
9	- open	5 A	- -	30
10	- SB10 - Fuse 10 (in fuse holder)	15 A	- J519 - Vehicle Electrical System Control Module M5 - Left Front Turn Signal Light M1 - Left Parking Light	30
11	- SB11 - Fuse 11 (in fuse holder)	15 A	- J519 - Vehicle Electrical System Control Module M7 - Right Front Turn Signal Light M3 - Right Parking Light	30
12	- SB12 - Fuse 12 (in fuse holder)	15 A	- J519 - Vehicle Electrical System Control Module J567 - Left Headlight Range Control Module M29 - Left Low Beam Headlight J683 - Left HID Lamp High Beam Control Module M30 - Left High Beam Headlight	30
13	- SB13 - Fuse 13 (in fuse holder)	15 A	- J519 - Vehicle Electrical System Control Module J568 - Right Headlight Range Control Module M31 - Right Low Beam Headlight J684 - Right HID Lamp High Beam Control Module M32 - Right High Beam Headlight	30

Fuses "SB14 to SB27" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
14	- SB14 - Fuse 14 (in fuse holder)	20 A	- J519 - Vehicle Electrical System Control Module H1 - Signal horn/dual tone horn	30
15	- SB15 - Fuse 15 (in fuse holder)	5 A	- F - Brake Light Switch J605 - Rear Lid Control Module J...- Engine Control Modlue (ECM) J345 - Control Module for towing sensor J104 - ABS Control Module (w/EDL)	30
16	- SB16 - Fuse 16 (in fuse holder)	20 A	- J162 - Heater Control Module	30
17	- SB17 - Fuse 17 (in fuse holder)	10 A	- J523 - Front Information Display Control Head Control Module R 24 - Antenna Amplifier	30a
18	- SB18 - Fuse 18 (in fuse holder)	10 A	- J527 - Steering Column Electronic Systems Control Module	30a
19	- SB19 - Fuse 19 (in fuse holder)	10 A	- J518 - Access/Start Control Module	30a
20	- open		- -	
21	- open	-	- -	-
22	- SB22 - Fuse 22 (in fuse holder)	5 A	- J623 - Engine Control Module (ECM) (engine code BAP) J623 - Engine Control Module (ECM) 2 (engine code BAP) J220 - Motronic Engine Control Module (ECM) (engine code BGJ)	30a
23	- SB23 - Fuse 23 (in fuse holder)	5 A	- J285 - Control module with indicator unit in instrument panel insert	30a
24	- open	-	- -	-
25	- open	-	- -	-
26	- open	-	- -	-
27	- SB27 - Fuse 27 (in fuse holder)	5 A	- J285 - Control module with indicator unit in instrument panel insert Data Link Connector (DLC) J669 - Seat Belt Tensioner Relay	30a

Fuses "SB28 to SB44" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
28	- SB28 - Fuse 28 (in fuse holder)	5 A	- J526 - Telephone/Telematic Control Module	30a
29	- SB29 - Fuse 29 (in fuse holder)	5 A	- R149 - Auxiliary Water Heating RF Receiver (where applicable)	30a
30	- SB30 - Fuse 30 (in fuse holder)	10 A	- J255 - Climatronic Control Module V 50 - Coolant Pump N175 - Left Heat Regulating Valve N176 - Right Heat Regulating Valve	30a
31	- SB31 - Fuse 31 (in fuse holder)	5 A	- Y - Analog Clock/Control Module J524 - Rear Information Display Control Head	30a
32	- open	-	-	-
33	- SB33 - Fuse 33 (in fuse holder)	5 A	- J401 - Control module for navigation with CD-mechanism	30a
34	- SB34 - Fuse 34 (in fuse holder)	5 A	- H8 - Alarm Horn	30a
35	- SB35 - Fuse 35 (in fuse holder)	5 A	- J519 - Vehicle Electrical System Control Module	30a
36	- SB36 - Fuse 36 (in fuse holder)	10 A	- J519 - Vehicle Electrical System Control Module	30a
37	- SB37 - Fuse 37 (in fuse holder)	5 A	- J526 - Telephone/Telematic Control Module	30a
38	- open	-	-	-
39	- open	-	-	-
40	- SB40 - Fuse 40 (in fuse holder)	5 A	- J519 - Vehicle Electrical System Control Module	75a
41	- SB41 - Fuse 41 (in fuse holder)	5 A	- J518 - Access/Start Control Module	30
42	- open	-	-	-
43	- open	-	-	-
44	- open	-	-	-

Fuses "SB45 to SB56" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
45	- open	-	-	-
46	- open	-	-	-
47	- open	-	-	-
48	- open	-	-	-
49	- open	-	-	-
50	- open	-	-	-
51	- open	-	-	-
52	- SB52 - Fuse 52 (in fuse holder)	5 A	- J669 - Seat Belt Tensioner Relay	15a
53	- SB53 - Fuse 53 (in fuse holder)	5 A	- F 47 - Brake Pedal Switch (cruise control) G 42 - Intake Air Temperature (IAT) Sensor (engine code BGJ) G 70 - Mass Air Flow (MAF) Sensor (engine code BGJ) G246 -Mass Air Flow (MAF) Sensor 2 (engine code BGJ) J569 - Brake Booster Relay	15a
54	- SB54 - Fuse 54 (in fuse holder)	5 A	- J285 - Control module with indicator unit in instrument panel insert	15a
55	- SB55 - Fuse 55 (in fuse holder)	10 A	- J234 - Airbag Control Module J623 - Engine Control Module (ECM) (engine code BAP) J623 - Engine Control Module (ECM) 2 (engine code BAP) J220 - Motronic Engine Control Module (ECM) (engine code BGJ)	15a
56	- SB56 - Fuse 56 (in fuse holder)	5 A	- G266 -Oil Level Thermal Sensor	15a

Fuses "SB57 to SB64" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
57	- open		-	
58	- SB58 - Fuse 58 (in fuse holder)	15 A	- L22 - Left Front Fog Light L23 - Right Front Fog Light	15a
59	- SB59 - Fuse 59 (in fuse holder)	10 A	- N79 - Positive Crankcase Ventilation (PCV) Heating Element (where applicable)	15a
60	- SB60 - Fuse 60 (in fuse holder)	15 A 5 A*	- E301 - Left Front Air Outlet Button E302 - Left Front (Center) Air Outlet Button E303 - Right Front (Center) Air Outlet Button E304 - Right Front Air Outlet Button E305 - Footwell/Cabin Temperature Differential Button E306 - Left Rear Center Console Air Outlet Button E307 - Right Rear Center Console Air Outlet Button	15a
61	- SB61 - Fuse 61 (in fuse holder)	5 A	- J104 - ABS Control Module (w/EDL)	15a
62	- open	-	-	-
63	- SB63 - Fuse 63 (in fuse holder)	5 A	- J519 - Vehicle Electrical System Control Module E1 - Light Switch J567 - Left Headlight Range Control Module J568 - Right Headlight Range Control Module J526 - Telephone/Telematic Control Module J539 - Brake Booster Control Module G258 - Left Distance Regulation Sensor G259 - Right Distance Regulation Sensor J428 - Control Module for Distance Regulation	15a
64	- SB64 - Fuse 64 (in fuse holder)	5 A	- J527 - Steering Column Electronic Systems Control Module	15a

* - from 05.03

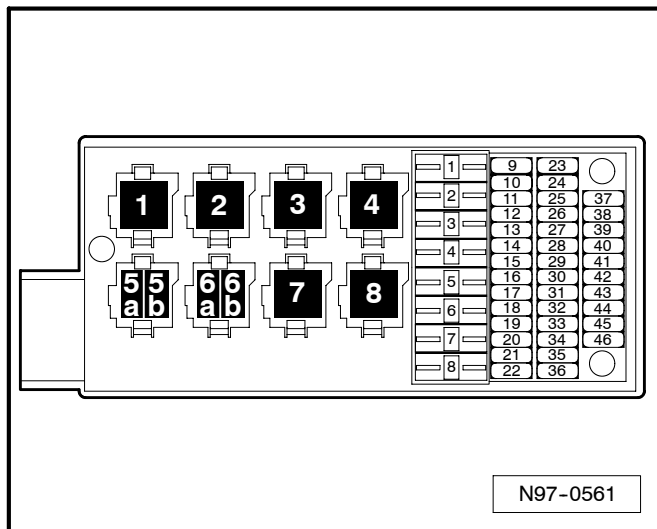
Fuses "SB65 to SB77" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
65	- SB65 - Fuse 65 (in fuse holder)	10 A	- V 55 - Recirculation Pump	15a
66	- SB66 - Fuse 66 (in fuse holder)	5 A	- J262 - Rear Window Shade Control Module N280 -A/C Compressor Regulator Valve J255 - Climatronic Control Module	15a
67	- SB67 - Fuse 67 (in fuse holder)	10 A	- F189 - Tiptronic Switch F319 - Selector Lever Park Position Lock Switch F125 - Multi-Function Transmission Range (TR) Switch J217 - Transmission Control Module (TCM) E256 - ASR/ESP Button	15a
68	- SB68 - Fuse 68 (in fuse holder)	5 A	- N110 - Shift Lock Solenoid	15a
69	- open	-	-	-
70	- SB70 - Fuse 70 (in fuse holder)	5 A	- J236 - Servotronic Control Module	15a
71	- SB71 - Fuse 71 (in fuse holder)	10 A 5 A*	- J131 - Driver's Heated Seat Control Module J132 - Passenger's Heated Seat Control Module	15a
72	- SB72 - Fuse 72 (in fuse holder)	5 A	- G238 -Sensor for Air Quality	15a
73	- open	-	-	-
74	- open	-	-	-
75	- open	-	-	-
76	- open	-	-	-
77	- open	-	-	-

* - from 05.03

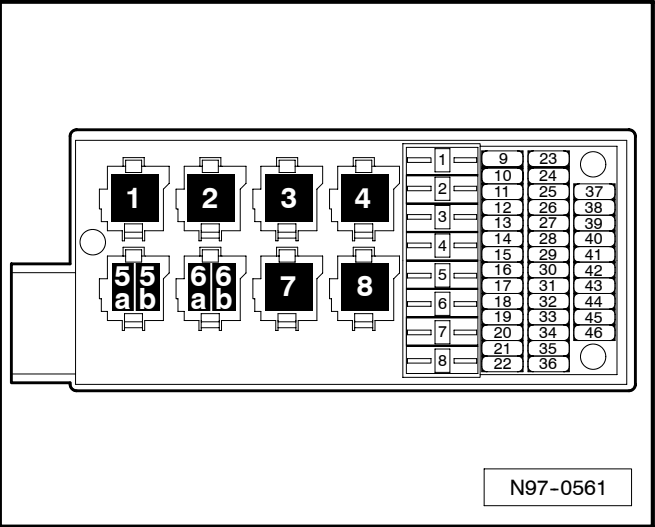
Fuses "SB78 to SB89" in fuse box under instrument panel, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
78	- SB78 - Fuse 72 (in fuse holder)	5 A	- F47 - Brake Pedal Switch (cruise control) (where applicable)	87a
79	- SB79 - Fuse 79 (in fuse holder)	15 A	- U18 - 12V outlet -2- (in center console), front	30a
80	- SB80 - Fuse 80 (in fuse holder)	15 A	- U19 - 12V outlet -3- (in center console, rear)	30a
81	- SB81 - Fuse 81 (in fuse holder)	30 A	- J245 - Power Sunroof Control Module	30a
82	- open	-	-	-
83	- SB83 - Fuse 83 (in fuse holder)	20 A	- J525 - Digital Sound System Control Module	30a
84	- SB84 - Fuse 84 (in fuse holder)	15 A	- U1 - Cigarette Lighter	30a
85	- SB85 - Fuse 85 (in fuse holder)	15 A	- U3 - Left Rear Cigarette Lighter	30a
86	- SB86 - Fuse 86 (in fuse holder)	15 A	- U7 - Right Rear Cigarette Lighter	30a
87	- SB87 - Fuse 87 (in fuse holder)	30 A 15 A	- J136- Memory Seat/Steering Column Adjustment Control Module J131- Driver's Heated Seat Control Module	30a
88	- SB88 - Fuse 88 (in fuse holder)	30 A 15 A	- J521- Passenger Memory Seat Control Module J132- Passenger's Heated Seat Control Module	30a
89	- SB89 - Fuse 89 (in fuse holder)	30 A	- J522- Rear Memory Seat Control Module	30a

**Electronics box in luggage compartment, left -
Relays**

- 1 - J579 - Electrical System Battery Switch-over Relay (432)
- 2 - J580 - Starter Battery Switch-over Relay (100)
- 3 - J682 - Power Supply Relay (terminal 50) (433)
- 4 - J678 - Heated Rear Window Circuit 1 Relay (100)
- 4 - J678 - Heated Rear Window Circuit 1 Relay (53)*
- 5a - J17 - Fuel Pump (FP) Relay (404)
- 5b - J677 - Fuel Filler Lid Unlock Relay (404)
- 6a - open
- 6b - J49 - Fuel Pump (FP) 2 Relay (404)
- 7 - J403 - Relay for compressor level control system (214)
- 8 - J679 - Heated Rear Window Circuit 2 Relay (100)
- 8 - J679 - Heated Rear Window Circuit 2 Relay (53)*

* - from 05.03



Electronics box in luggage compartment, left -
Fuses “SC”

Fuse colors

80 A - transparent	15 A - blue
60 A - blue	10 A - red
50 A - red	7,5 A - brown
30 A - green	5 A - beige
25 A - white	3 A - lilac
20 A - yellow	

Fuses “SC1 to SC4” in Electronics box in luggage compartment, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
1	- SC1 - Fuse 1 (in fuse holder)	60 A	- Terminal 30 for J682 - Power Supply Relay (terminal 50) B - Starter (termnial 50) J367- Battery Monitoring Control Module J581- Parallel Battery Connection Relay J623- Engine Control Module (ECM) (engine code BAP) J220- Motronic Engine Control Module (ECM) (engine code BGJ)	30
2	- SC2 - Fuse 2 (in fuse holder)	80 A	- Terminal 30 for J580 - Starter Battery Switch-over Relay J367- Battery Monitoring Control Module	30
3	- SC3 - Fuse 3 (in fuse holder)	80 A	- Terminal 30 for J579 - Electrical System Battery Switch-over Relay J367- Battery Monitoring Control Module	30
4	- open	-	- -	-

Fuses "SC5 to SC17" in Electronics box in luggage compartment, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
5	- open	-	-	30
6	- SC6 - Fuse 6 (in fuse holder)	40 A	- Terminal 30 for J403 - Relay for compressor level control system V66 - Motor for compressor-level control system	30
7	- open	-	-	-
8	- SC8 - Fuse 8 (in fuse holder)	80 A	- Fuses SB2, SB3, SB37, SB39, SB41, SB79, SB80, SB81, SB83, SB84, SB85, SB86, SB87, SB88, SB89	30
9	- SC9 - Fuse 9 (in fuse holder)	30 A	- T13 - 13-Pin Connection (for U10 - Trailer Socket - where applicable)	30
10	- SC10 - Fuse 10 (in fuse holder)	5 A	- J367- Battery Monitoring Control Module	30
11	- SC11 - Fuse 11 (in fuse holder)	5 A	- J502- Tire Pressure Monitoring Control Module	30
12	- SC12 - Fuse 12 (in fuse holder)	5 A	- J446- Control module for parking aid	30
13	- SC13 - Fuse 13 (in fuse holder)	30 A	- J345- Control Module for towing sensor (where applicable)	30
14	- SC14 - Fuse 14 (in fuse holder)	5 A	- J677- Fuel Filler Lid Unlock Relay V155- Motor for fuel tank lid unlock	30
15	- SC15 - Fuse 15 (in fuse holder)	25 A	- J679- Heated Rear Window Circuit 2 Relay Z1 - Heated rear window	30
16	- SC16 - Fuse 16 (in fuse holder)	25 A	- J678- Heated Rear Window Circuit 1 Relay Z3 - 2nd Stage Rear Window Heater Element	30
17	- open	-	-	-

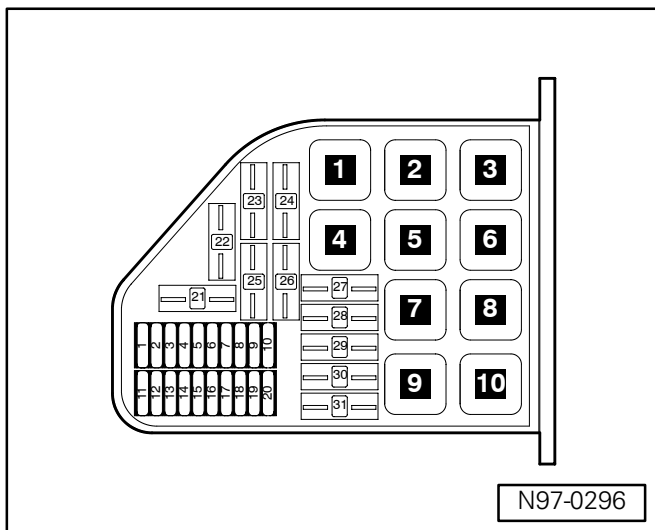
Fuses "SC18 to SC32" in Electronics box in luggage compartment, left

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
18	- SC18 - Fuse 18 (in fuse holder)	5 A	- J393 - Central control module for comfort system J690 - Left Rear Tail Light Control Module J691 - Right Rear Tail Light Control Module	15
19	- SC19 - Fuse 19 (in fuse holder)	5 A	- J197- Level Control System Control Module	15
20	- SC20 - Fuse 20 (in fuse holder)	5 A	- J345- Control Module for towing sensor (where applicable)	15
21	- open	-	- -	-
22	- open	5 A	- -	15
23	- SC23 - Fuse 23 (in fuse holder)	5 A	- W3 - Luggage compartment light Illumination for E406 - Rear Lid Lock Button (in luggage compartment)	30
24	- SC24 - Fuse 24 (in fuse holder)	10 A	- J393 - Central control module for comfort system	30
25	- SC25 - Fuse 25 (in fuse holder)	5 A	- J262- Rear Window Shade Control Module V91 - Rear Window Shade Motor	30
26	- SC26 - Fuse 26 (in fuse holder)	10 A	- J393 - Central control module for comfort system	30
27	- SC27 - Fuse 27 (in fuse holder)	15 A	- U5 - 12 V Socket (in luggage compartment, left)	30
28	- open	-	- -	-
29	- open	-	- -	-
30	- open	-	- -	-
31	- open	-	- -	-
32	- SC32 - Fuse 32 (in fuse holder)	5 A	- J581- Parallel Battery Connection Relay	30

Fuses "SC33 to SC46" in Electronics box in luggage compartment, left

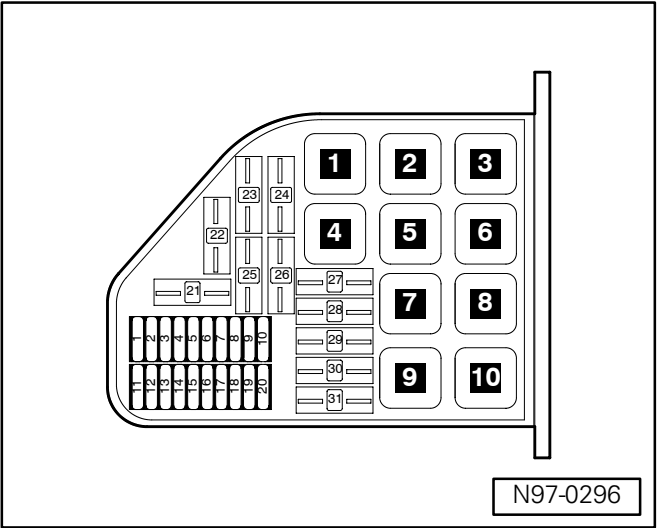
No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
33	- SC33 - Fuse 33 (in fuse holder)	5 A	- J17 - Fuel Pump (FP) Relay J271- Motronic Engine Control Module (ECM) Power Supply Relay J670- Motronic Engine Control Module (ECM) Power Supply Relay 2 J581- Parallel Battery Connection Relay (where applicable) J49 - Fuel Pump (FP) 2 Relay J220- Motronic Engine Control Module (ECM) (engine code BGJ)	30
34	- SC34 - Fuse 34 (in fuse holder)	20 A	- G6 - Fuel Pump (FP)	30
35	- SC35 - Fuse 35 (in fuse holder)	20 A	- G23 - Transfer Fuel Pump (FP)	30
36	- SC36 - Fuse 36 (in fuse holder)	30 A	- Terminal 30 for J681 - Power Supply Relay 2 (terminal 15) Fuses: SB52, SB53, SB54, SB55, SB56, SB57	30
37	- open	-	-	-
38	- open	-	-	-
39	- open	-	-	-
40	- open	-	-	-
41	- SC41 - Fuse 41 (in fuse holder)	5 A	- G384- Vehicle Inclination Sensor	30
42	- SC42 - Fuse 42 (in fuse holder)	5 A 15 A*	- J393- Central control module for comfort system	30
43	- SC43 - Fuse 43 (in fuse holder)	30 A	- J605- Rear Lid Control Module	30
44	- SC44 - Fuse 44 (in fuse holder)	10 A	- J197- Level Control System Control Module	30
45	- SC45 - Fuse 45 (in fuse holder)	5 A	- J697- License Plate Light Control Module L153- Rear Illumination Lamp	30
46	- open	-	-	-

* - from 05.03

Electronics box in right plenum chamber - Relays

- 1 - open
- 2 - C24 - Supressor
- 3 - J682- Power Supply Relay (terminal 50)
- 4 - J271 - Motronic Engine Control Module (ECM) Power Supply Relay (167)
- 5 - J670 - Motronic Engine Control Module (ECM) Power Supply Relay 2 (100) (engine code BAP)
- 5 - open
- 6 - J680 - Power Supply Relay 1 (terminal 75) (100)
- 7 - J299 - Secondary Air Injection (AIR) Pump Relay (100)
- 7 - open
- 8 - J329 - Voltage Supply Terminal 15 (B+) Relay (433) (where applicable)
- 9 - J545 - Secondary Air Injection (AIR) Pump Relay 2 (100) (engine code BAP)
- 9 - open
- 10 - open
- 10 - open

Electronics box in right plenum chamber - Fuses
“SD”



Fuse colors

- | | |
|--------------------|---------------|
| 80 A - transparent | 15 A - blue |
| 60 A - blue | 10 A - rer |
| 50 A - red | 7,5 A - brown |
| 30 A - green | 5 A - beige |
| 25 A - white | 3 A - lilac |
| 20 A - yellow | |

Fuses “SD1 to SD5” in Electronics box in right plenum chamber

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
1	- SD1 - Fuse 1 (in fuse holder)	10 A	- N... - Fuel Injectors for cylinders 1 - 6 (engine code BAP)	87a
2	- SD2 - Fuse 2 (in fuse holder)	10 A	- N... - Fuel Injectors for cylinders 7 - 12 (engine code BAP)	87a
3	- open	30 A	- open	30
4	- open	30 A	- open	30
5	- SD5 - Fuse 5 (in fuse holder)	5 A	- G70 - Mass Air Flow (MAF) Sensor (engine code BAP) G246- Mass Air Flow (MAF) Sensor 2 (engine code BAP) G42 - Intake Air Temperature (IAT) Sensor (engine code BAP) G299- Intake Air Temperature (IAT) Sensor 2 (engine code BAP)	87a

Fuses "SD6 to SD9" in Electronics box in right plenum chamber

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
6	- SD6 - Fuse 6 (in fuse holder)	10 A	- J496- Auxiliary Engine Coolant (EC) Pump Relay (engine code BAP) V51 - After-Run Coolant Pump (engine code BAP) J299- Secondary Air Injection (AIR) Pump Relay J545- Secondary Air Injection (AIR) Pump Relay 2 (code BAP) J49 - Fuel Pump (FP) 2 Relay (engine code BAP) V36 - Coolant Pump (engine code BGJ) J151- Coolant Circulation Pump Relay (engine code BGJ)	87a
7	- SD7 - Fuse 7 (in fuse holder)	20 A	- F265- Map Controlled Engine Cooling Thermostat (en-code BAP) N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve N112- Secondary Air Injection (AIR) Solenoid Valve N145- Right Electro-Hydraulic Engine Mount Solenoid Valve (code BAP) N156- Intake Manifold Change-Over Valve (engine code BGJ) N205- Valve -1- for camshaft adjustment N208- Valve -2- for camshaft adjustment N261- Intake Manifold Tuning (IMT) Valve -2- (engine code BGJ) N318- Camshaft Adjustment Valve 1 (exhaust) (engine code BAP) N319- Camshaft Adjustment Valve 2 (exhaust) (engine code BAP) N320- Secondary Air Injection (AIR) Solenoid Valve 2 (en-code BAP) N333- Evaporative Emission (EVAP) Canister Purge Regulator Valve 2 (engine code BAP)	87a
8	- SD8 - Fuse 8 (in fuse holder)	30 A	- N... - Ignition Coils with Power Output Stage for cylinders 1 - 8 (engine code BGJ)	87a
9	- SD9 - Fuse 9 (in fuse holder)	20 A	- N... - Fuel Injectors for cylinders 1 - 8 (engine code BGJ)	87a

Fuses "SD10 to SD16" in Electronics box in right plenum chamber

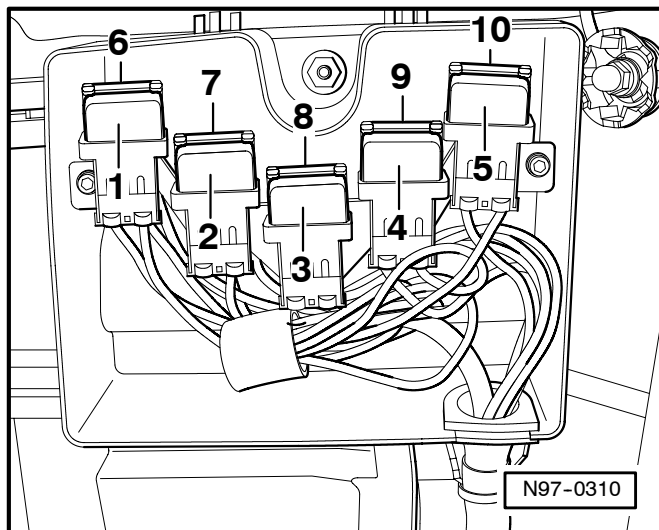
No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
10	- SD10 - Fuse 10 (in fuse holder)	10 A	- J623- Engine Control Module (ECM) (engine code BAP) J624- Engine Control Module (ECM) 2 (engine code BAP) J220 - Motronic Engine Control Module (ECM) (engine code BGJ)	87a
11	- SD11 - Fuse 11 (in fuse holder)	15 A	- J39 - Relay for headlamp cleaning system	30a
12	- SD12 - Fuse 12 (in fuse holder)	10 A	- J293- Coolant FC (Fan Control((FC)) Control Module V7 - Coolant Fan J671- Coolant FC (Fan Control) Control Module 2 V177- Coolant Fan 2	87a
13	- SD13 - Fuse 13 (in fuse holder)	25 A	- Z19 - Oxygen Sensor (O2S) Heater (engine code BAP) Z28 - Oxygen Sensor (O2S) 2 Heater 2 (engine code BAP) Z29 - Oxygen Sensor (O2S) Heater 1 (behind Three Way Catalytic Converter (TWC)) (engine code BAP) Z30 - Oxygen Sensor (O2S) Heater 2 (behind Three Way Catalytic Converter (TWC)) (engine code BAP)	87a
14	- SD14 - Fuse 14 (in fuse holder)	25 A	- Z19 - Oxygen Sensor (O2S) Heater (engine code BGJ) Z28 - Oxygen Sensor (O2S) 2 Heater 2 (engine code BGJ) Z29 - Oxygen Sensor (O2S) Heater 1 (behind Three Way Catalytic Converter (TWC)) (engine code BGJ) Z30 - Oxygen Sensor (O2S) Heater 2 (behind Three Way Catalytic Converter (TWC)) (engine code BGJ) Z 62 - Oxygen Sensor (O2S) Heater 3 (engine code BAP) Z 63 - Oxygen Sensor (O2S) Heater 4 (engine code BAP) Z 64 - Oxygen Sensor (O2S) Heater 3 (behind Three Way Catalytic Converter (TWC)) (engine code BAP) Z 65 - Oxygen Sensor (O2S) Heater 4 (behind Three Way Catalytic Converter (TWC)) (engine code BAP)	87a
15	- SD15 - Fuse 15 (in fuse holder)	15 A	- J217- Transmission Control Module (TCM)	30a
16	- SD16 - Fuse 16 (in fuse holder)	10 A	- J539- Brake Booster Control Module	30a

Fuses "SD17 to SD27" in Electronics box in right plenum chamber

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
17	- SD17 - Fuse 17 (in fuse holder)	5 A	- J309 - Solar Cell Separation Relay	30a
18	- SD18 - Fuse 18 (in fuse holder)	15 A	- J519 - Vehicle Electrical System Control Module V248 - Left Headlight Washer Jet Motor V249 - Right Headlight Washer Jet Motor	30a
19	- SD19 - Fuse 19 (in fuse holder)	20 A	- J400 - Control module for wiper motor V216 - Left Windshield Wiper Motor V59 - Windshield and Rear Window Washer Pump	30a
20	- SD20 - Fuse 20 (in fuse holder)	20 A	- J584 - Right Windshield Wiper Motor Control Module V217 - Right Windshield Wiper Motor	30a
21	- SD21 - Fuse 21 (in fuse holder)	60 A	- Vehicles with single battery system only: SB19 - Fuse 19 (in fuse holder) SB20 - Fuse 20 (in fuse holder) SB22 - Fuse 22 (in fuse holder) SB23 - Fuse 23 (in fuse holder) Terminal 30 for J271 - Motronic Engine Control Module (ECM) Power Supply Relay	30
22	- SD22 - Fuse 22 (in fuse holder)	40 A	- SD1 - Fuse 1 (in fuse holder) (engine code BAP) N... - Ignition Coils with Power Output Stage for cylinders 1 - 6 (engine code BAP)	87a
23	- SD23 - Fuse 23 (in fuse holder)	40 A	- Terminal 30 für J680 - Power Supply Relay 1 (terminal 75) SB1 - Fuse 1 (in fuse holder) SB40 - Fuse 40 (in fuse holder)	30
24	- SD24 - Fuse 24 (in fuse holder)	40 A	- J104 - ABS Control Module (w/EDL)	30a
25	- SD25 - Fuse 25 (in fuse holder)	40 A	- SD2 - Fuse 2 (in fuse holder) (engine code BAP) N... - Ignition Coils with Power Output Stage for cylinders 7 - 12 (engine code BAP)	87a
26	- SD26 - Fuse 26 (in fuse holder)	40 A	- Terminal 30 for J329 - Voltage Supply Terminal 15 (B+) Relay	30a
27	- SD27 - Fuse 27 (in fuse holder)	50 A	- J293 - Coolant FC (Fan Control(FC)) Control Module (left)	30a

Fuses "SD28 to SD31" in Electronics box in right plenum chamber

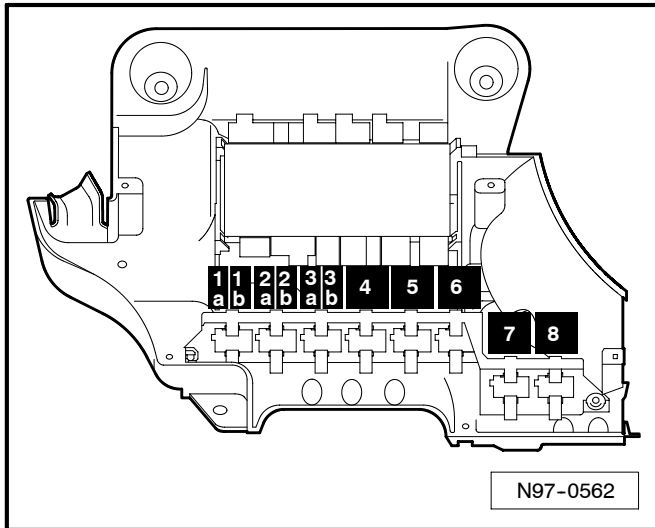
No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
28	- SD28 - Fuse 28 (in fuse holder)	50 A	- J671- Coolant FC (Fan Control) Control Module 2 (right)	30a
29	- SD29 - Fuse 29 (in fuse holder)	50 A	- V101- Secondary Air Injection (AIR) Pump Motor	30a
30	- SD30 - Fuse 30 (in fuse holder)	50 A	- V189- Secondary Air Injection (AIR) Pump Motor 2 (engine code BAP)	30a
31	- SD31 - Fuse 31 (in fuse holder)	40 A	- V2 - Fresh Air BLower J255- Climatronic Control Module Terminal 87 for J309 - Solar Cell Separation Relay	30a



Thermofuse box in left front footwel - Thermofuses

Thermofuses "SE1 to SE7" in Thermo-fuse Box in left front footwell

No.	Ref. in Wiring Diagram	Amps	Function / Component	Terminal
1	- SE1 - Thermofuse 1 (on fuse holder)	30 A	- J386- Door control module, driver side J388- Door control module, rear, left	30
2	- SE2 - Thermofuse 2 (on fuse holder)	30 A	- J387- Door control module, passenger side J389- Door control module, rear, right	30
3	- SE3 - Thermofuse 3 (on fuse holder)	30 A	- J136- Memory Seat/Steering Column Adjustment Control Module	30
4	- SE4 - Thermofuse 4 (on fuse holder)	30 A	- J521- Passenger Memory Seat Control Module	30
5	- SE5 - Thermofuse 5 (on fuse holder)	30 A	- J522- Rear Memory Seat Control Module	30
6	- SE6 - Thermofuse 6 (on fuse holder)	30 A	- Z42 - Left Rear Footwell Heater	30
7	- SE7 - Thermofuse 7 (on fuse holder)	30 A	- Z43 - Right Rear Footwell Heater	30
8	- open	-	-	-
9	- open	-	-	-
10	- open	-	-	-

Relay panel in right front footwell - Relays

- 1a - J496 - Auxiliary Engine Coolant (EC) Pump Relay (404)
- 1b - open
- 2a - open
- 2b - open
- 3a - J582 - Wiper Park Position Heating Relay (404)
- 3b - J709 - Seat Heater Authorization Relay (404)
- 4 - J309 - Solar Cell Separation Relay (79)
- 5 - J681 - Power Supply Relay 2 (terminal 15) (100)
- 6 - J39 - Relay for headlamp cleaning system (53)
- 7 - J236 - Servotronic Control Module (631)
- 7 - open
- 8 - J669 - Seat Belt Tensioner Relay