

Touran

Fitting Locations

No. 204 / 1

Edition 05.2006

Position of relays and fuses electronics box low, from May 2005

Overview of fuses and relay locations

1 - Fuses (SA) on fuse holder A, on electronics box

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2 - Relay position assignment on additional relay carrier under electronics box on left in engine compartment

□ from page → 204/18

3 - Fuses (SB) on electronics box, on left of engine compartment

□ from page → 204/4

4 - Relay locations on electronics box, in left engine compartment

□ from page → 204/17

5 - Position of relays, relay carrier on onboard power supply control unit, under left dash panel

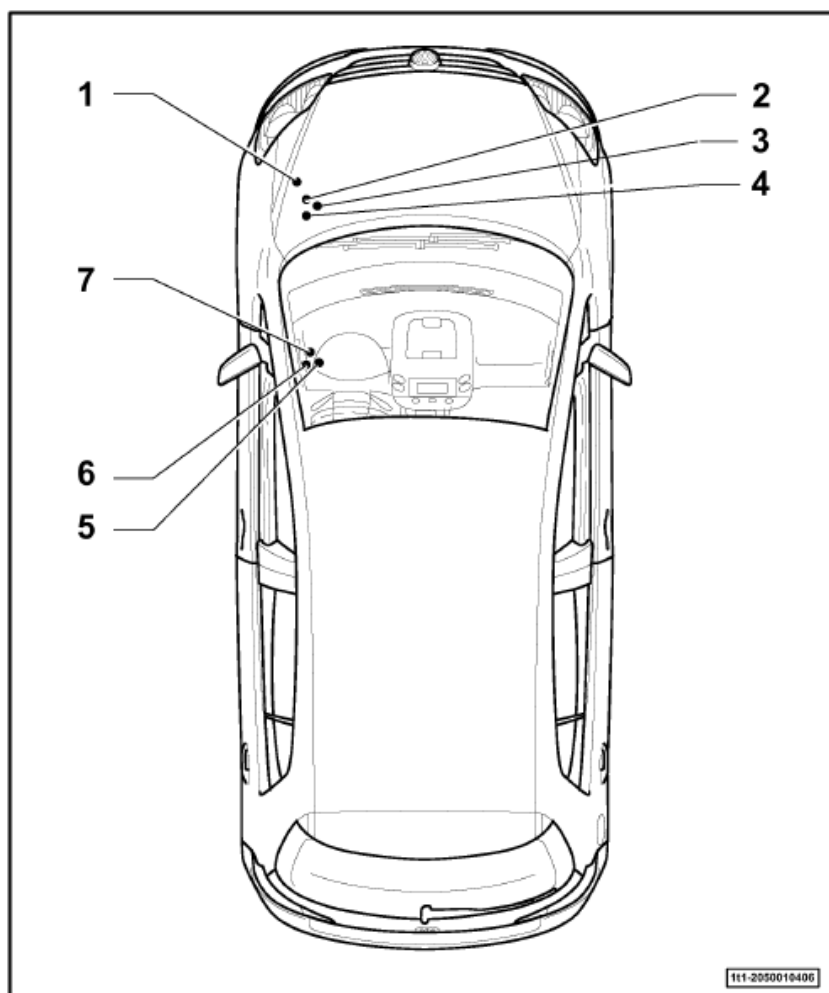
□ from page → 204/16
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6 - Fuses (SC) in fuse holder C under left dash panel

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7 - Relay positions with safety cutout, under dash panel on left

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Touran

Fitting Locations

No. 204 / 2

Fuses (SA) on fuse holder A, on electronics box low

Torque settings

Electrical system, Repair Group 97, Removing and installing fuse holders

Fuse colours

200 A -violet

150 A -grey

125 A -pink

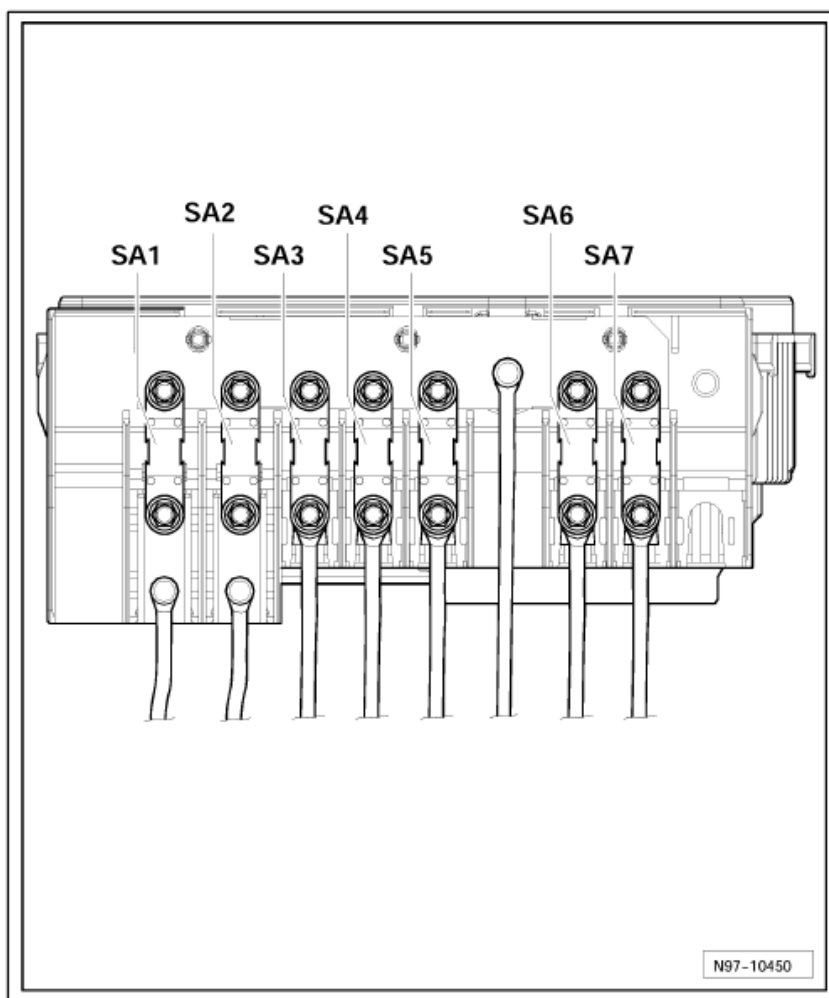
100 A -blue

80 A - white

60 A - yellow

50 A - red

40 A - green



Touran**Fitting Locations****No. 204 / 3**

No.		Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	-	SA1 - Fuse 1 on fuse holder A	150A 200A	- C -Alternator (90A/120A) C -Alternator (140A)	30a
2	-	SA2 - Fuse 2 on fuse holder A	80A	- J500- Battery, power steering control unit V187-Electromechanical power steering motor	30a
3	-	SA3 - Fuse 3 on fuse holder A	50A	- J293 -Radiator fan control unit V7-Radiator fan V177 -Radiator fan 2	30a
4	-	SA4-Fuse 4 on fuse holder A	-	- -Vacant	30a
5	-	SA5 - Fuse 5 on fuse holder A	80A 100A	- Fuse on fuse holder C, under left dash panel SC18 - SC24, SC42 - SC56, (from November2005) J604-Auxiliary air heater control unit, (up to November 2005) Z35 -Auxiliary air heater element, (up to November 2005)	30a
6	-	SA6-Fuse 6 on fuse holder A	80A 100A	- Fuse on fuse holder C, under left dash panel SC18 - SC24, SC42 - SC56 J604-Auxiliary air heater control unit, (from November 2005) Z35 -Auxiliary air heater element, (from November 2005)	30a
7	-	SA7-Fuse 7 on fuse holder A	50A	- J345 -Trailer detector control unit/ preparation trailer operation	30a

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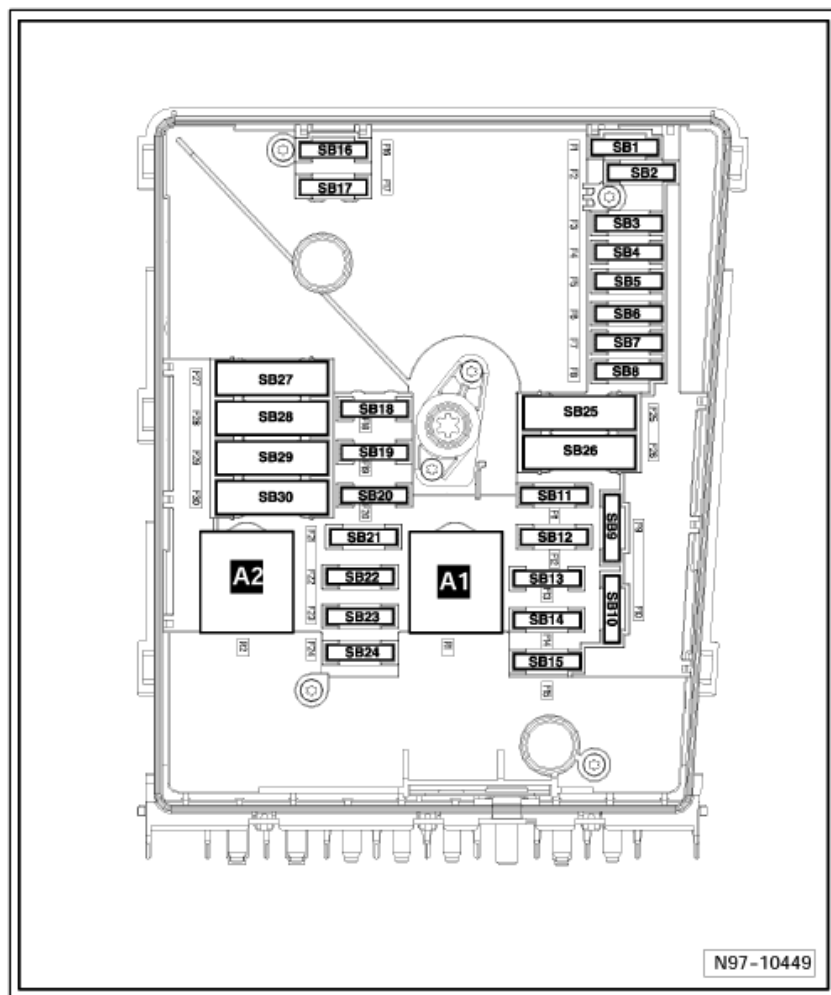
Fitting Locations

No. 204 / 4

Fuses (SB) on electronics box low, on left of engine compartment

Fuse colours

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



Touran**Fitting Locations****No. 204 / 5**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
F1	- SB1 - Fuse 1 on fuse holder B	25A	- J400 -Wiper motor control unit V217 -Wiper motor front passenger side	30a
F2	- SB2 - Fuse 2 on fuse holder B	5A	- J527-Steering column electronics control unit	30a
F3	- SB3 - Fuse 3 on fuse holder B	5A	- J519-Onboard power supply control unit	30a
F4	- SB4 - Fuse 4 on fuse holder B	30A	- J104 -ABS control unit	30a
F5	- SB5 - Fuse 5 on fuse holder B	15A	- J743 -Mechatronic control unit	30a
F6	- SB6 - Fuse 6 on fuse holder B	5A	- J285 - Control unit in dash panel insert	30a
F7	- SB7 - Fuse 7 on fuse holder B	-	-Vacant	-
F8	- SB8 - Fuse 8 on fuse holder B	15A	- J503- Control unit with display for radio and navigation R- Radio	30a
F9	- SB9 - Fuse 9 on fuse holder B	5A	- J412-Mobile telephone operating electronics control unit	30a
F10	- SB10 - Fuse 10 on fuse holder B	5A 10A	- J317 -Terminal 30 voltage supply relay (only models with diesel engine) - J317 -Terminal 30 voltage supply relay (models with petrol engine, not for engine code BSE, BSF) J623 -Engine control unit (models with petrol engine, not for engine code BSE, BSF)	30a
F11	- SB11 - Fuse 11 on fuse holder B	20A	- J364 -Auxiliary heater control unit	30a
F12	- SB12 - Fuse 12 on fuse holder B	5A	- J533-Data bus diagnostic interface	30a
F13	- SB12 - Fuse 12 on fuse holder B	30A 25A	- J623 -Engine control unit (only models with diesel engine) - J623 -Engine control unit petrol (only models with petrol engine)	87a

Touran**Fitting Locations****No. 204 / 6**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
F14	- SB14 - Fuse 14 on fuse holder B	20A	- N152 -Ignition transformer N70-Ignition coil 1 with output stage N127-Ignition coil 2 with output stage N291 -Ignition coil 3 with output stage N292 -Ignition coil 4 with output stage	87a
F15	- SB15 - Fuse 15 on fuse holder B	15A 5A	- Z19 -Lambda probe heater G39 -Lambda probe (BLY, BLR) G108 -Lambda probe 2 upstream of catalytic converter (BLR) G130 -Lambda probe after catalytic converter (BLY, BLR) G131 -Lambda probe 2 after catalytic converter (BLR) G287 -Lambda probe 3 after catalytic converter (BLR) J17 -Fuel pump relay (only models with diesel engine) J179 -Automatic glow period control unit	87a
F16	- SB16 - Fuse 16 on fuse holder B	30A	- J104 -ABS control unit	30a
F17	- SB17 - Fuse 17 on fuse holder B	15A	- H2 -Treble tone horn H7 -Bass tone horn	30a
F18	- SB18 - Fuse 18 on fuse holder B	30A	- J608 -Special vehicle control unit R12 -Amplifier	30a
F19	- SB19 - Fuse 19 on fuse holder B	30A	- J400 -Wiper motor control unit V216 -Driver side windscreen wiper motor	30a
F20	- SB20 - Fuse 20 on fuse holder B	-	- -Vacant	30a
F21	- SB21 - Fuse 21 on fuse holder B	15A 10A	- Z19 -Lambda probe heater G130 -Lambda probe after catalytic converter J583 -NOx sensor control unit G39 -Lambda probe	87a

Touran**Fitting Locations****No. 204 / 7**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
F22	- SB22 - Fuse 22 on fuse holder B	5A	- F47 -Brake pedal switch G476 -Clutch position sender	87a
F23	- SB23 - Fuse 23 on fuse holder B	5A 10A 15A	- J299 -Secondary air pump relay - N18 -Exhaust gas recirculation valve N75 -Charge pressure control solenoid valve N345 -Exhaust gas recirculation cooler change-over valve - N381 -Exhaust gas recirculation cooler change-over valve 2 N276 -Fuel pressure regulating valve	87a
F24	- SB24 - Fuse 24 on fuse holder B	10A	- F265 -Map-controlled engine cooling system thermostat J293 -Radiator fan control unit N18 -Exhaust gas recirculation valve N80 -Active charcoal filter system solenoid valve 1 N156 -Variable intake manifold change-over valve N205 -Inlet camshaft control valve 1 N316 -Intake manifold flap valve V157 -Intake manifold flap motor	87a
F25	- SB25 - Fuse 25 on fuse holder B	40A	- J519 - Onboard power supply control unit	30a
F26	- SB26 - Fuse 26 on fuse holder B	40A	- J519 - Onboard power supply control unit	30a
F27	- SB27 - Fuse 27 on fuse holder B	50A	- J179-Automatic glow period control unit	30a
F28	- SB28 - Fuse 28 on fuse holder B	40A	- J681-Terminal 15 voltage supply relay 2	30a
F29	- SB29 - Fuse 29 on fuse holder B	-	-Vacant	30a
F30	- SB30 - Fuse 30 on fuse holder B	40A	- J59 -X-contact relief relay (SC7, SC8, SC28 - SC35)	30a

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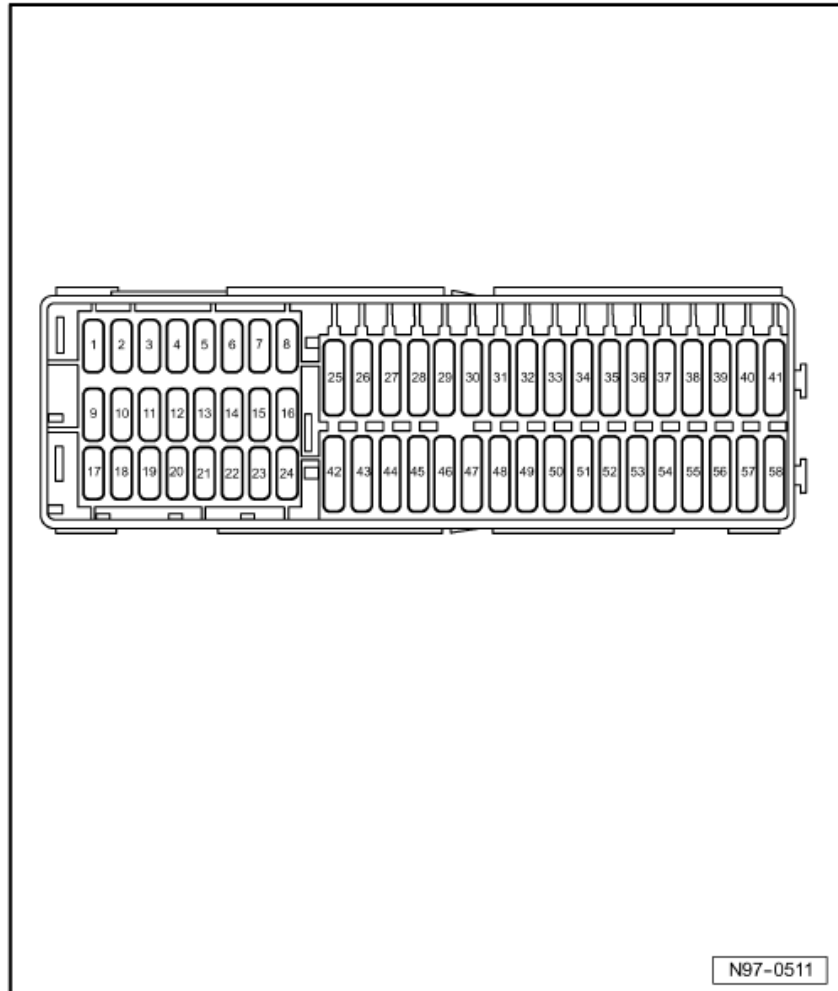
Fitting Locations

No. 204 / 8

Position of fuses (SC) in fuse holder C under left dash panel

Fuse colours

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



Touran**Fitting Locations****No. 204 / 9**

No.		Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	-	SC1 - Fuse 1 on fuse holder C	5A	- Y7 -Automatic anti-dazzle interior mirror J519 -Onboard supply control unit (interior)	15a
2	-	SC2 - Fuse 2 on fuse holder C	5A	- J533 -Data bus diagnostic interface J17 -Fuel pump relay J623 -Engine control unit	15a
3	-	SC3 - Fuse 3 on fuse holder C	5A	- E102-Headlight range control regulator V48 -Left headlight range control motor V49 -Right headlight range control motor	15A
4	-	SC4 - Fuse 4 on fuse holder C	5A	- J530 -Garage door operation control unit J412 -Mobile telephone operating electronics control unit	15a
5	-	SC5-Fuse 5 on fuse holder C	10A	- H28 -Driving school mode warning buzzer G70 -Air mass meter N79 -Heater element for crankcase breather	15a
6	-	SC6 - Fuse 6 on fuse holder C	5A	- J234-Airbag control unit K145-Front passenger side airbag deactivated warning lamp	15a
7	-	SC7 - Fuse 7 on fuse holder C	-	- -Vacant	75a
8	-	SC8 - Fuse 8 on fuse holder C	-	- -Vacant	75a
9	-	SC9 - Fuse 9 on fuse holder C	10A	- J500-Power steering control unit	15a
10	-	SC10 - Fuse 10 on fuse holder C	10A	- J485 -Auxiliary heater operation relay J533 -Data bus diagnostic interface J519 -Onboard supply control unit F4 -Reversing light switch	15a
11	-	SC11 - Fuse 11 on fuse holder C	-	- -Vacant	15a
12	-	SC12 - Fuse 12 on fuse holder C	10A	- J538 - Fuel pump control unit	15a

Touran**Fitting Locations****No. 204 / 10**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
13	- SC13 - Fuse 13 on fuse holder C	5A	- J345 -Trailer detector control unit/ preparation trailer operation	15a
14	- SC14 - Fuse 14 on fuse holder C	5A	- J104 -ABS control unit E132 -Traction control system switch E256 -ESP TCS and ESP button E492 -Tyre pressure monitor display button K216 -ESP and TCS warning lamp 2 F -Brake light switch (from November 2005)	15a
15	- SC15 - Fuse 15 on fuse holder C	5A	- J217 -Automatic gearbox control unit L76-Button illumination bulb (taxi)	15a
16	- SC16 - Fuse 16 on fuse holder C	5A	- J285 -Control unit in dash panel insert J131 -Heated driver seat control unit J132 -Heated front passenger seat control unit J266 -Oil level and oil temperature sender G65 -High pressure sender J255 -Climatronic control unit E16 -Heater/heat output switch	15a
17	- SC17 - Fuse 17 on fuse holder C	7.5A	- -Coupling point tachograph special vehicles	15a
18	- SC18 - Fuse 18 on fuse holder C	10A 30A	- J754 -Accident data memory, police, taxi, german special police J601 -Taxi alarm remote control, control unit -Current supply two-way radio, german special police, police, taxi -Multifunction control unit, driving school vehicle, disabled persons	30a
19	- SC19 - Fuse 19 on fuse holder C	5A 15A	- G41 -Taxi meter G511 -Mirror taxi meter G511 -Mirror taxi meter -Supply for technical units, driving school -Luggage compartment illumination, police	30a

Touran**Fitting Locations****No. 204 / 11**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
20	- SC20 - Fuse 20 on fuse holder C	5A	- J217 -Automatic gearbox control unit J104 -ABS control unit	30a
21	- SC21 - Fuse 21 on fuse holder C	5A	- F125 -Multifunction switch	30a
22	- SC22 - Fuse 22 on fuse holder C	5A	- R149-Remote control receiver for auxiliary coolant heater	30a
23	- SC23 - Fuse 23 on fuse holder C	10A	- F47 -Cruise control system brake pedal switch	30a
24	- SC24 - Fuse 24 on fuse holder C	10A	- J519 -Onboard supply control unit G397-Rain and light detector sensor J255-Climatronic control unit J301-Air conditioning system control unit	30a
25	- SC25 - Fuse 25 on fuse holder C	20A	- V192 -Vacuum pump for brakes J217 -Automatic gearbox control unit	15a
26	- SC26 - Fuse 26 on fuse holder C	20A	- N30 -Injector, cylinder 1 N31 -Injector, cylinder 2 N32 -Injector, cylinder 3 N33 -Injector, cylinder 4 N70 -Ignition coil 1 with output stage N127 -Ignition coil 2 with output stage N291 -Ignition coil 3 with output stage N292 -Ignition coil 4 with output stage	15a
27	- SC27 - Fuse 27 on fuse holder C	20 A	- J217 - Automatic gearbox control unit	15a
28	- SC28 - Fuse 28 on fuse holder C	-	- -Vacant	75a
29	- SC29 - Fuse 29 on fuse holder C	15A	- V12 -Rear window wiper motor	75a
30	- SC30 - Fuse 30 on fuse holder C	5A	- E9 -Fresh air blower switch E16 -Heater/heat output switch J13 -Fresh air blower relay J301 -Air conditioning system control unit J485 -Auxiliary heater operation relay J255 -Climatronic control unit	75a

Touran**Fitting Locations****No. 204 / 12**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
31	- SC31 - Fuse 31 on fuse holder C	15A	- J519 -Onboard supply control unit (double washer pump) (BSG J1) J519 -Onboard supply control unit (BSG I2 terminal 75)	75a
32	- SC32 - Fuse 32 on fuse holder C	5A	- Z20 -Left washer jet heater element Z21 -Right washer jet heater element	75a
33	- SC33-Fuse 33 on fuse holder C	40A	- E9 -Fresh air blower switch E16 -Heater/heat output switch J13 -Fresh air blower relay J301 -Air conditioning system control unit J485 -Auxiliary heater operation relay	75a
34	- SC34 - Fuse 34 on fuse holder C	-	- -Vacant	75a
35	- SC35 - Fuse 35 on fuse holder C	-	- -Vacant	75a
36	- SC36 - Fuse 36 on fuse holder C	25A 30A	- -Alarm pull rotary switch, police -Pressure chamber loudspeaker, german special police -Supply for technical units, handicapped persons, driving school	30a
37	- SC37 - Fuse 37 on fuse holder C	30A 10A	- U13 -Transformer with socket (12 V-230 V) -12 V Loading device, police, german special police	30a
38	- SC38 - Fuse 38 on fuse holder C	-	- -Vacant	-
39	- SC39 - Fuse 39 on fuse holder C	-	- -Vacant	30a
40	- SC40 - Fuse 40 on fuse holder C	20A	- J345 -Trailer detector control unit/ preparation trailer operation	30a
41	- SC41 - Fuse 41 on fuse holder C	20A	- U10 -Trailer socket	30a
42	- SC42 - Fuse 42 on fuse holder C	15A	- U5 -12 V socket, in luggage compartment	30a
43	- SC43 - Fuse 43 on fuse holder C	15A	- J17 -Fuel pump relay J538 - Fuel pump control unit	30a
44	- SC44 - Fuse 44 on fuse holder C	5A	- H12 -Alarm horn G273 -Interior monitoring sensor G384 -Vehicle inclination sender	30a

Touran**Fitting Locations****No. 204 / 13**

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
45	- SC45 - Fuse 45 on fuse holder C	5A	- J515-Aerial selection control unit	30a
46	- SC46 - Fuse 46 on fuse holder C	7.5A	- J519-Onboard power supply control unit	30a
47	- SC47 - Fuse 47 on fuse holder C	25A	- U1-Cigarette lighter	30a
48	- SC48 - Fuse 48 on fuse holder C	30A	- J131 -Heated driver seat control unit J132 -Heated front passenger seat control unit	30a
49	- SC49 - Fuse 49 on fuse holder C	10A	- J386-Driver door control unit	30a
50	- SC50 - Fuse 50 on fuse holder C	25A	- J393-Convenience system central control unit	30a
51	- SC51 - Fuse 51 on fuse holder C	20A 30A	- J245 -Sliding sunroof adjustment control unit -Special signal preparation, police	30a
52	- SC52 - Fuse 52 on fuse holder C	25A	- J519 -Onboard supply control unit (heated rear window) J13-Fresh air blower relay	30a
53	- SC53 - Fuse 53 on fuse holder C	20A	- J729 -Double washer pump relay 1 (BSG J2) J730 -Double washer pump relay 2 (BSG J4)	30a
54	- SC54 - Fuse 54 on fuse holder C	5A	- J446-Parking aid control unit	30a
55	- SC55 - Fuse 55 on fuse holder C	7.5A	- F125 -Multifunction switch F189 -Tiptronic switch J587 -Selector lever sensors control unit J217 -Automatic gearbox control unit J104 -ABS control unit	30a

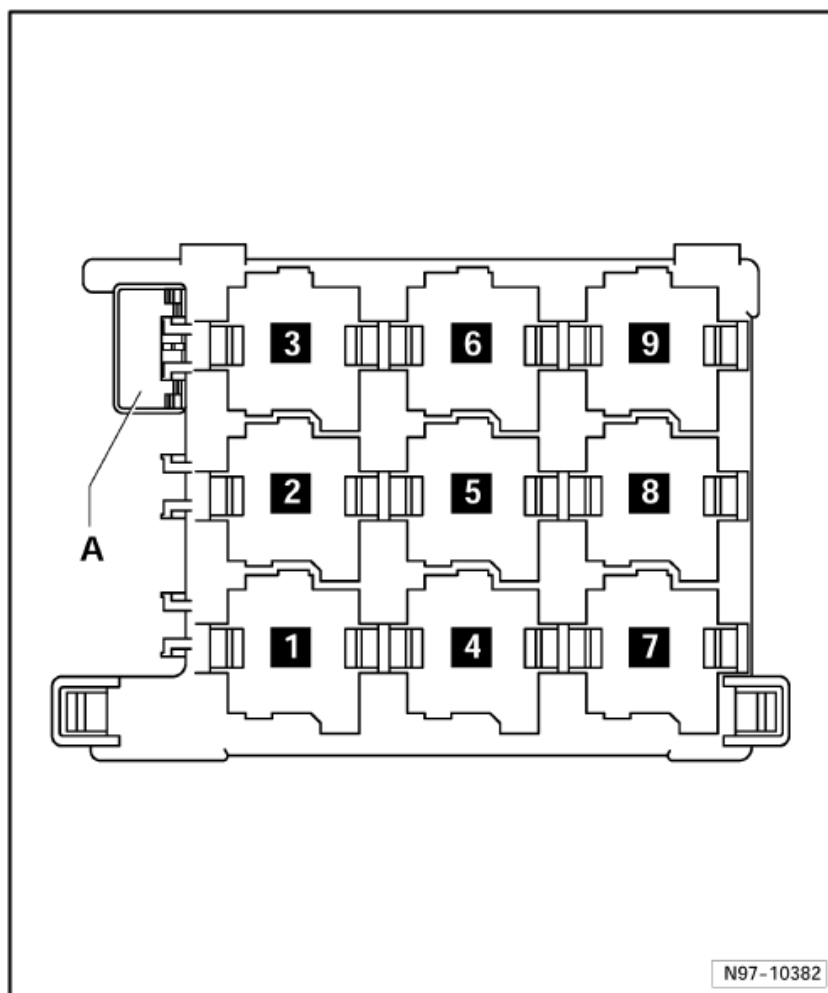
Touran**Fitting Locations****No. 204 / 14**

No.		Current Flow Diagram designation	Nominal value		Function/component	Terminal
56	-	SC56 - Fuse 56 on fuse holder C	40A	-	V2 -Fresh air blower	30a
57	-	SC57 - Fuse 57 on fuse holder C	30A	-	J387-Front passenger side door control unit J386-Driver door control unit	30a
58	-	SC58 - Fuse 58 on fuse holder C	30A	-	J378 -PDA control unit (driving school equipment) J217 -Automatic gearbox control unit J104 -ABS control unit J388 -Rear left door control unit J389 -Rear right door control unit	30a

Touran**Fitting Locations****No. 204 / 15****Relay positions with safety cutout, under dash panel on left**

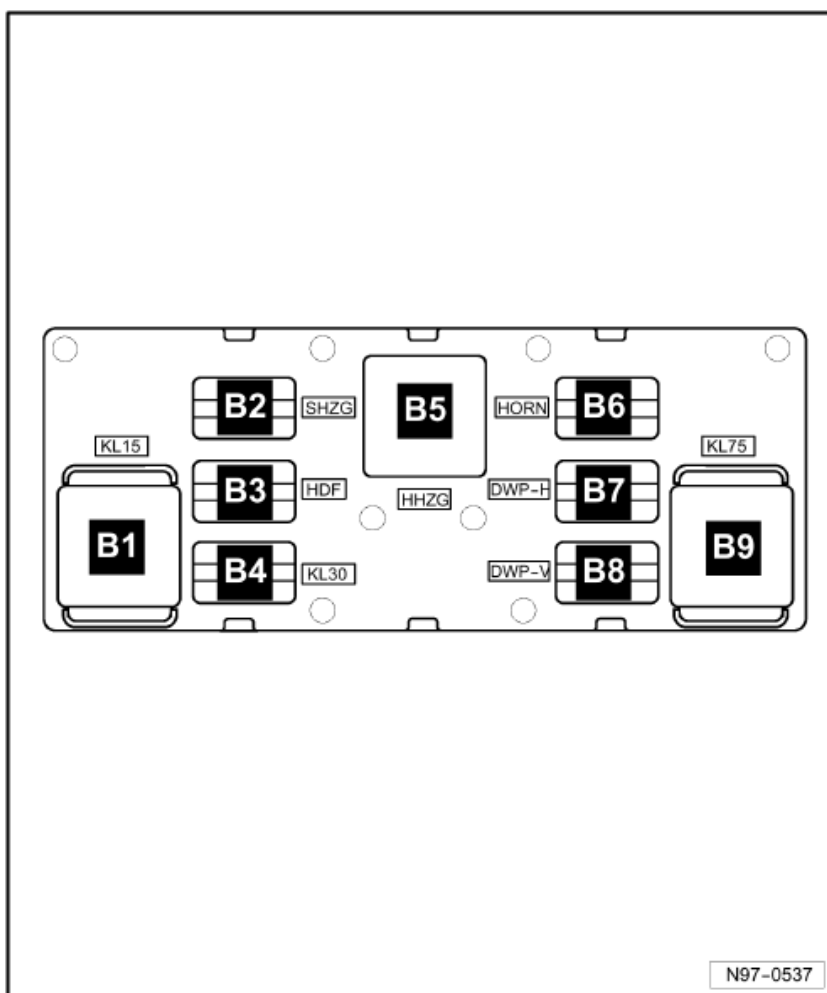
- 1 - J496 - Additional coolant pump relay (449)
- 2 - J39 - Headlight washer system relay (53)
- 3.1 - J17 - Fuel pump relay (449)
- 3.2 - J643 - Fuel supply relay (449)
- 4 - J13 - Fresh air blower relay (404)
- 5 - J333 - Fuel pump switch-off relay (404)
- 6 - Vacant
- 7 - J485 - Auxiliary heater operation relay (449)
- 8 - J682-Terminal 50 voltage supply relay (433)
- 9 - Vacant
- A - Driver seat adjustment thermal fuse 1- 30A

- ♦ J17 and J643 are mini-relays and can be found depends on equipment on a relay connector position



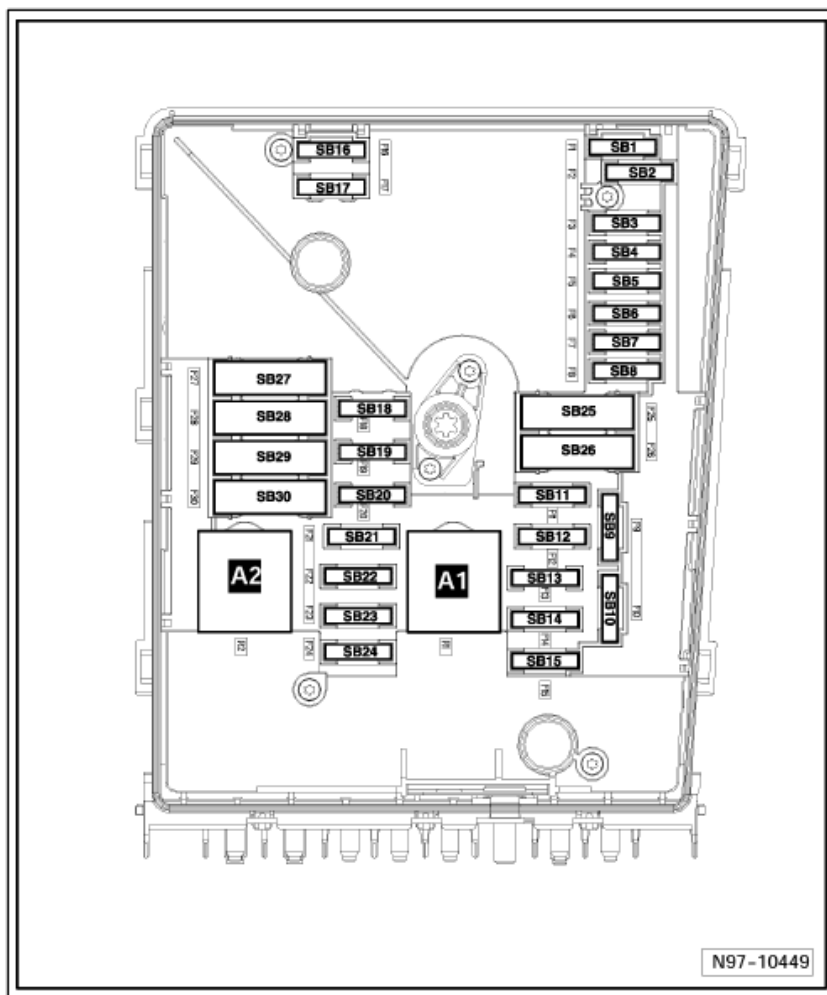
Touran**Fitting Locations****No. 204 / 16****Position of relays, relay carrier on onboard power supply control unit, under left dash panel**

- B1 - J681 - Terminal 15 voltage supply relay 2 (460)**
- B2 - J99 - Heated exterior mirror relay (449)**
- B3 - Vacant**
- B4 - J689 - Terminal 30 voltage supply relay 2 (449)**
- B5 - J9 - Heated rear window relay (53)**
- B6 - J4 - Dual tone horn relay (449)**
- B6 - J413 - Horn relay (449)**
- B7 - J729 - Double washer pump relay 1 (404)**
- B8 - J730 - Double washer pump relay 2 (404)**
- B9 - J59 - X-contact relief relay (460)**



Touran**Fitting Locations****No. 204 / 17****Relay locations on electronics box low, in left engine compartment**

- A1 - J317 - Terminal 30 voltage supply relay (458)
- A1 - J271 - Motronic current supply relay (100)
- A2 - J299 - Secondary air pump relay (100) (BSX)
- A2 - J582 - Sensor for current measurement (488) (BMY)
- A2 - Wiring bridges, applies to diesel engines only



Touran

Fitting Locations

No. 204 / 18

Relay position assignment on additional relay carrier under electronics box on left in engine compartment

Automatic glow period control unit - J179

1 - Additional relay carrier, under electronics box in engine compartment, left

2 - J179 - Automatic glow period control unit (461) up to August 2006

- ♦ from August 2006 identification number (457)

