

Fuse arrangements, in engine compartment

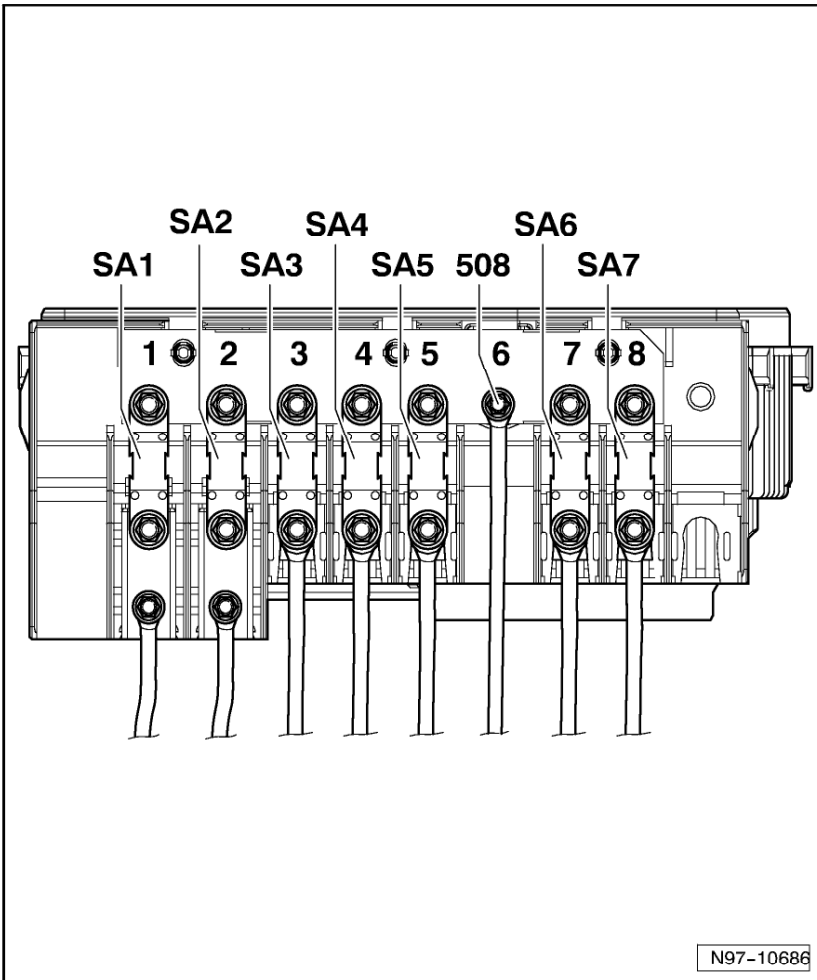
Fuse arrangements, overview

1 - Fuse arrangements "SA" on battery fuse panel mounted to E-Box, in engine compartment, left

- ◆ Location, from January 2008 ⇒ page 802/2
- ◆ Configuration of fuse arrangements, from January 2008 ⇒ page 802/3

2 - Fuses arrangements "SB" on Electronics Box (E-box), in engine compartment, left

- ◆ Location E-Box, from January 2008 ⇒ page 802/4
- ◆ Configuration of fuse arrangements, from January 2008 ⇒ page 802/5



Fuse arrangements "SA" on battery fuse panel mounted to E-Box, in engine compartment, left, from January 2008

Tightening torques

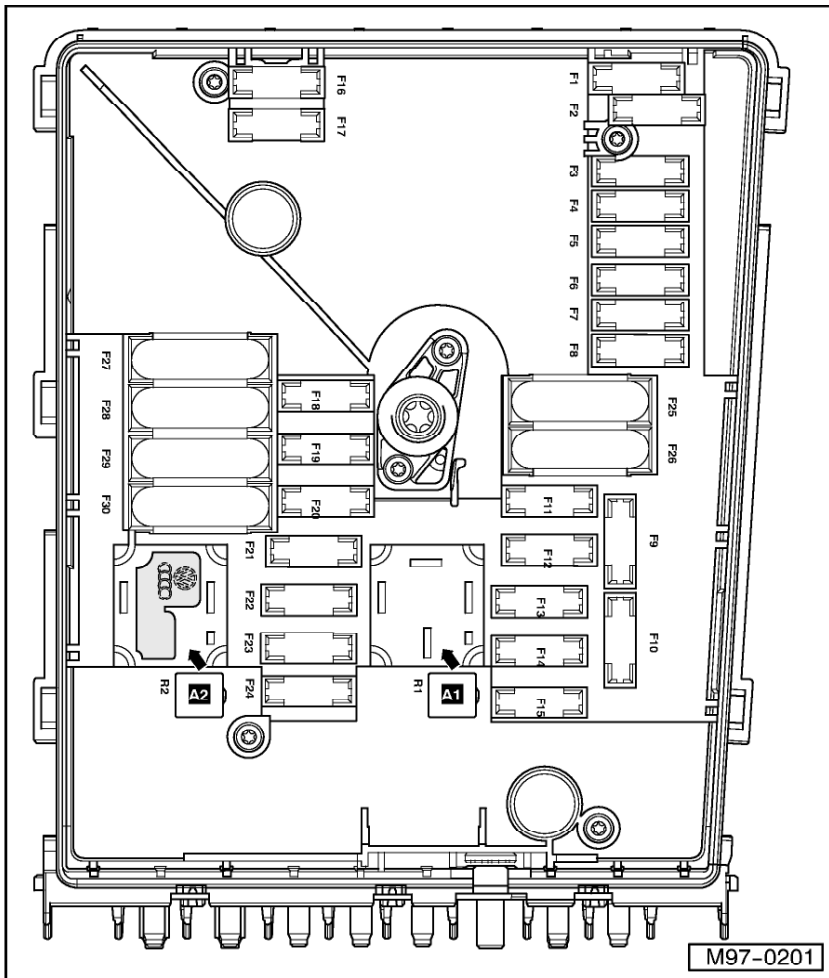
⇒ Repair Manual, *Electrical Equipment*, Repair Group 97, Fuse panel, removing and installing

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 - violet

Configuration of fuse arrangements "SA" on battery fuse panel mounted to E-Box, in engine compartment, left, from January 2008

No.	Description in Wiring diagram	Amp	Function/Consumer	Signal
1	- SA1 - Fuse 1 (on battery fuse panel)	200A	- C - Generator (GEN) (140 A)	30
2	- SA2 - Fuse 2 (on battery fuse panel)	80A	- V187- Electro-mechanical Power Steering Motor J500- Power Steering Control Module	30
3	- SA3 - Fuse 3 (on battery fuse panel)	50A	- V7 - Coolant Fan	30
4	- SA4 - Fuse 4 (on battery fuse panel)	-	- Vacant	
5	- SA5 - Fuse 5 (on battery fuse panel)	100A	- Power supply for fuses SC12, SC13, SC14, SC15, SC16, SC17, SC22, SC23, SC24, SC25, SC26, SC27	30
6	- 508 - Threaded Connection - terminal 30 (on E-box)	-	- Fuses SA	30
7	- SA6 - Fuse 6 (on battery fuse panel)	-	- Vacant	
8	- SA7 - Fuse 7 (on battery fuse panel)	-	- Vacant	



Fuses arrangements "SB" on Electronics Box (E-box), in engine compartment, left, from January 2008

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 - violet

Configuration of fuse arrangements "SB" on Electronics Box (E-box), in engine compartment, left, from January 2008

No.	Description in Wiring diagram	Amp	Function/Consumer	Signal
F1	- SB1 - Fuse 1 (on fuse panel)	-	- Vacant	30
F2	- SB2 - Fuse 2 (on fuse panel)	5A	- J527 - Steering Column Electronic Systems Control Module,	30
F3	- SB3 - Fuse 3 (on fuse panel)	5A	- J519 - Vehicle Electrical System Control Module, (F/7)	30
F4	- SB4 - Fuse 4 (on fuse panel)	30A	- J104 - ABS Control Module	30
F5	- SB5 - Fuse 5 (on fuse panel)	-	- Vacant	30
F6	- SB6 - Fuse 6 (on fuse panel)	5A	- J285 - Instrument Cluster Control Module	30
F7	- SB7 - Fuse 7 (on fuse panel)	-	- Vacant	30
F8	- SB8 - Fuse 8 (on fuse panel)	15A	- J503 - Radio/Navigation Display Control Module/ R - Radio, R146 - Satellite Radio,	30
F9	- SB9 - Fuse 9 (on fuse panel)	-	- Vacant	30
F10	- SB10 - Fuse 10 (on fuse panel)	5A	- J271 - Motronic Engine Control Module (ECM) Power Supply Relay J623 - Engine Control Module (ECM) ,	30
F11	- SB11 - Fuse 11 (on fuse panel)	-	- Vacant	30

No.	Description in Wiring diagram	Amp	Function/Consumer	Signal
F12	- SB12 - Fuse 12 (on fuse panel)	5A	- J533 - Data Bus On Board Diagnostic Interface,	30
F13	- SB13 - Fuse 13 (on fuse panel)	15A	- J623 - Engine Control Module (ECM)	87
F14	- SB14 - Fuse 14 (on fuse panel)	20A	- N70 - Ignition Coil 1 with Power Output Stage N127 - Ignition Coil 2 with Power Output Stage N291 - Ignition Coil 3 with Power Output Stage N292 - Ignition Coil 4 with Power Output Stage N323 - Ignition Coil 5 with Power Output Stage	87
F15	- SB15 - Fuse 15 (on fuse panel)	10A	- G130 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter G465 - Oxygen Sensor (O2S) (in Center Three Way Catalytic Converter)	87
F16	- SB16 - Fuse 16 (on fuse panel)	30A	- J104 - ABS Control Module	30
F17	- SB17 - Fuse 17 (on fuse panel)	15A	- J519 - Vehicle Electrical System Control Module, (J/3)	30
F18	- SB18 - Fuse 18 (on fuse panel)	30A	- J525 - Digital Sound System Control Module	30
F19	- SB19 - Fuse 19 (on fuse panel)	30A	- J400 - Wiper Motor Control Module	30
F20	- SB20 - Fuse 20 (on fuse panel)	-	- Vacant	-
F21	- SB21 - Fuse 21 (on fuse panel)	15A	- G39 - Heated Oxygen Sensor	87
F22	- SB22 - Fuse 22 (on fuse panel)	5A	- G476 - Clutch Position Sensor	87
F23	- SB23 - Fuse 23 (on fuse panel)	15A	- J299 - Secondary Air Injection (AIR) Pump Relay N112 - Secondary Air Injection (AIR) Solenoid Valve V144 - Leak Detection Pump (LDP)	87
F24	- SB24 - Fuse 24 (on fuse panel)	10A	- N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve N205 - Camshaft Adjustment Valve 1 V7 - Coolant Fan	87

No.	Description in Wiring diagram	Amp	Function/Consumer	Signal
F25	- SB25 - Fuse 25 (on fuse panel)	40A	- J519 - Vehicle Electrical System Control Module, (A/1)	30
F26	- SB26 - Fuse 26 (on fuse panel)	40A	- J519 - Vehicle Electrical System Control Module, (D/1)	30
F27	- SB27 - Fuse 27 (on fuse panel)	40A	- V101 - Secondary Air Injection (AIR) Pump Motor	87
F28	- SB28 - Fuse 28 (on fuse panel)	40A	- J329- Power Supply Relay (terminal 15)	30
F29	- SB29 - Fuse 29 (on fuse panel)	50A	- S44 - Driver's Power Seat Adjustment Circuit Breaker 1 SC32 - Fuse 32 (on fuse panel C) SC39 - Fuse 39 (on fuse panel C)	30
F30	- SB30 - Fuse 30 (on fuse panel)	50A	- J59 - Load Reduction Relay	30