

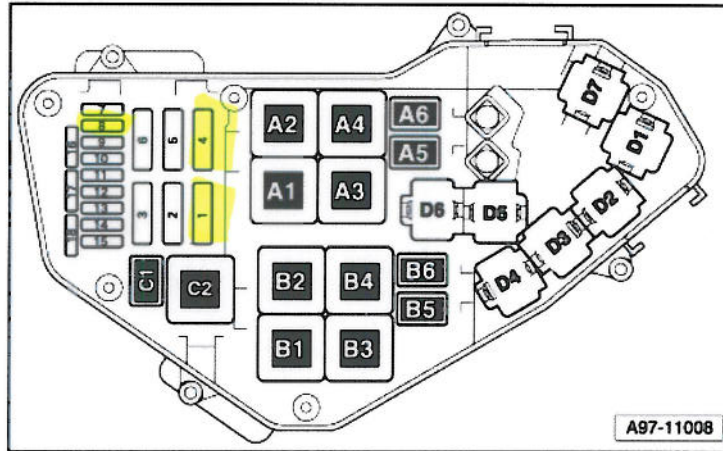
## Relay/Fuse Panel E-Box

### Component Location:

in the left plenum chamber

Fuse Colors

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



### Fuses in the left E-Box plenum chamber (diesel engine):

No.	Name in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	Fuse (on fuse/relay panel) -S1-	60 A	Coolant Fan Control (FC) Control Module -J293- Coolant Fan -V7-	30
2	Fuse (on fuse/relay panel) -S2-	80 A	Automatic Glow Time Control Module -J179-	30
3	Fuse (on fuse/relay panel) -S3-	40 A	Auxiliary Air Heater Heating Element -Z35- (400 W) <sup>4)</sup>	30
4	Fuse (on fuse/relay panel) -S4-	40 A <sup>1)</sup> 60 A <sup>2)</sup>	Coolant Fan Control (FC) Control Module 2 -J671- Coolant Fan 2 -V177-	30
5	Fuse (on fuse/relay panel) -S5-	80 A	Glow/Time Control Module 2 -J703- <sup>3) 5) 6)</sup>	30
6	Fuse (on fuse/relay panel) -S6-	80 A	Auxiliary Air Heater Heating Element -Z35- (2 x 400 W) <sup>4)</sup>	30
7	Fuse (on fuse/relay panel) -S7-	15 A	Automatic Glow Time Control Module -J179- Throttle Valve Control Module -J338- <sup>4) 5)</sup> Preheating Coolant, Low Heat Output Relay -J359- <sup>4)</sup> Preheating Coolant, High Heat Output Relay -J360- <sup>4)</sup> Turbocharger (TC) 1 Control Module -J724- <sup>7) 8)</sup> Turbocharger (TC) 2 Control Module -J725- Charge Air Cooler Bypass Control Unit -J865- <sup>4)</sup> EGR Vacuum Regulator Solenoid Valve -N18- <sup>7) 8)</sup> Exhaust Gas Recirculation (EGR) Cooler Switch-Over Valve -N345- Exhaust Gas Recirculation (EGR) Cooler Switch-Over Valve 2 -N381- <sup>4)</sup> Oil Pressure Regulation Valve -N428- <sup>3) 4)</sup> Intake Flap Motor -V157- Intake Flap Motor 2 -V275- <sup>7) 8)</sup>	87
8	Fuse (on fuse/relay panel) -S8-	5 A	Coolant Fan Control (FC) Control Module -J293- Coolant Fan Control (FC) Control Module 2 -J671-	87
9	Fuse (on fuse/relay panel) -S9-	15 A	Engine Control Module (ECM) -J623- Engine Control Module (ECM) 2 -J624- <sup>5)</sup>	87
10	Fuse (on fuse/relay panel) -S10-	10 A	Fuel Pressure Regulator Valve -N276- Fuel Metering Valve -N290- Fuel Metering Valve 2 -N402- <sup>5)</sup> Fuel Pressure Regulator Valve 2 -N484- <sup>5)</sup>	87
11	Fuse (on fuse/relay panel) -S11-	15 A	Heated Oxygen Sensor (HO2S) -G39- Heated Oxygen Sensor (HO2S) 2 -G108- <sup>5) 6)</sup> Oxygen Sensor (O2S) Heater -Z19- Oxygen Sensor (O2S) 2 Heater -Z28- <sup>5) 6)</sup>	87
12	Fuse (on fuse/relay panel) -S12-	15 A 5 A <sup>4)</sup>	Fuel Cooling Pump/Relay -J445- <sup>3) 5) 6)</sup> Auxiliary Engine Coolant (EC) Pump Relay -J496- <sup>5)</sup>	87

			NOX Sensor Control Module -J583- <sup>4)</sup> NOx Sensor 2 Control Module -J881- <sup>4)</sup> Fuel Cooler Pump -V166- <sup>6)</sup> Exhaust Gas Recirculation (EGR) Cooler Pump -V400- <sup>3) 5)</sup> not used <sup>7) 8)</sup>	
13	- Fuse (on fuse/relay panel) -S13-	10 A 15 A <sup>4)5)</sup>	- High Pressure Sensor -G65- Coolant Circulation Pump Relay -J151- Fuel Cooling Pump/Relay -J445- <sup>7) 8)</sup> Glow/Time Control Module 2 -J703- <sup>3) 5)</sup> Turbocharger (TC) 1 Control Module -J724- <sup>5)</sup> Exhaust Gas Recirculation (EGR) Cooler Switch-Over Valve 2 -N381- <sup>5)</sup> Coolant Pump -V50- Fuel Cooler Pump -V166- <sup>7) 8)</sup> Intake Flap Motor 2 -V275- <sup>5)</sup> Exhaust Gas Recirculation (EGR) Cooler Pump -V400- <sup>4) 8)</sup>	87
14	- Fuse (on fuse/relay panel) -S14-	5 A	- Mass Air Flow (MAF) Sensor -G70- Mass Air Flow (MAF) Sensor 2 -G246- <sup>3) 5) 6)</sup>	15
15	- Fuse (on fuse/relay panel) -S15-	5 A	- Engine Control Module (ECM) -J623- Engine Control Module (ECM) 2 -J624- <sup>5) 6)</sup>	15
16	- Fuse (on fuse/relay panel) -S16-	20 A	- Transfer Fuel Pump (FP) -G6-	87
17	- Fuse (on fuse/relay panel) -S17-	20 A	- Fuel Pump (FP) -G23-	87
		10 A	- Reducing Agent Metering System Pressure Sensor -G686- <sup>4)</sup> Reducing Agent Pump -V437- <sup>4)</sup> Reducing Agent Pump Heater -Z103- <sup>4)</sup>	87
18	- Fuse (on fuse/relay panel) -S18-	7,5 A	- Positive Crankcase Ventilation (PCV) Heating Element -N79- <sup>3) 5) 6)</sup> Crankcase Ventilation Thermal Resistor 2 -N483- <sup>3) 5)</sup>	15
		20 A	- Auxiliary Fuel Pump Relay -J832- <sup>4) 8)</sup> Auxiliary Fuel Pump -V393- <sup>4) 8)</sup>	15



Note

- ◆ <sup>1)</sup> only for vehicles without Trailer hitch
- ◆ <sup>2)</sup> only for vehicles with Trailer hitch
- ◆ <sup>3)</sup> only engine code CCFA
- ◆ <sup>4)</sup> only engine code CCMA
- ◆ <sup>5)</sup> only engine code CCGA
- ◆ <sup>6)</sup> only engine code BTR
- ◆ <sup>7)</sup> only engine code BUN, BUG
- ◆ <sup>8)</sup> only engine code CASA, CASB