

1 Comp. Loc. Fuses

1.1 Overview of Fuses (SA), (SB), (SC)

1 - Fuse panel A (SA)

- ☐ ⇒ [“1.2 Fuse \(SA\), from July 2009”, page 2](#)

1 - Fuse panel B (SB)

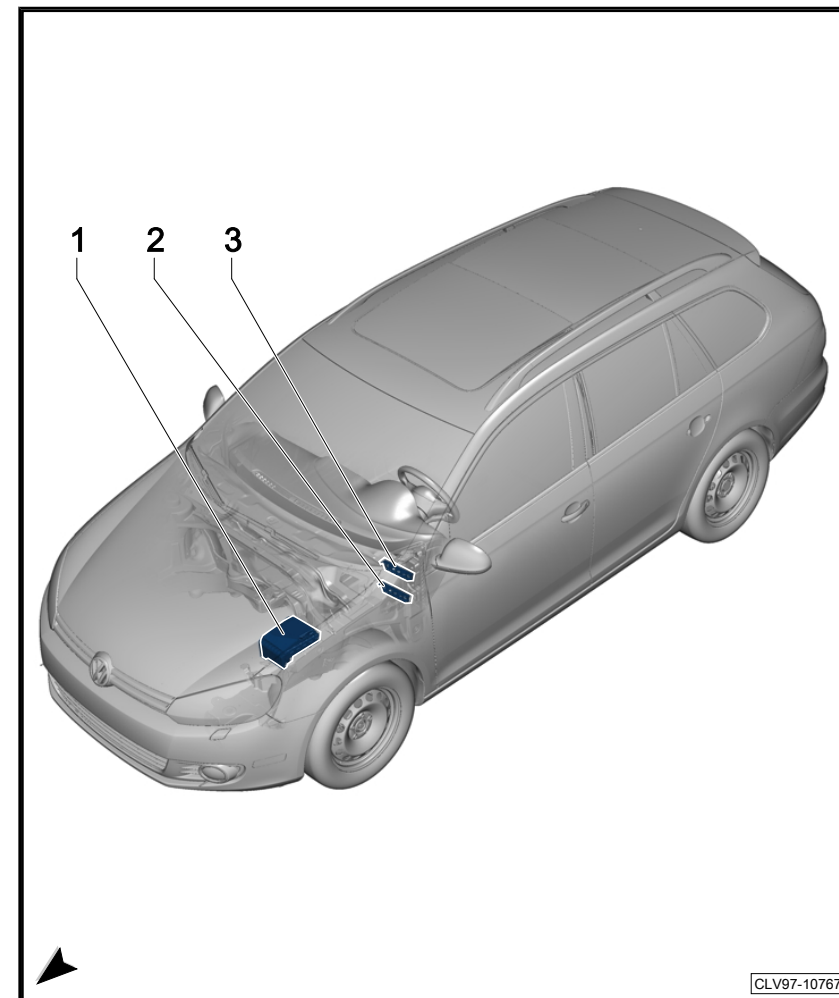
- ☐ ⇒ [“1.3 Fuse \(SB\), MY 2010”, page 3](#)
- ☐ ⇒ [“1.4 Fuse \(SB\), MY 2011”, page 8](#)
- ☐ ⇒ [“1.5 Fuse \(SB\), MY 2012”, page 13](#)
- ☐ ⇒ [“1.6 Fuse \(SB\), MY 2013”, page 18](#)

2 - Fuse panel C (SC)

- ☐ ⇒ [“1.7 Fuse \(SC\), MY 2010”, page 23](#)
- ☐ ⇒ [“1.8 Fuse \(SC\), MY 2011”, page 28](#)
- ☐ ⇒ [“1.9 Fuse \(SC\), MY 2012”, page 33](#)
- ☐ ⇒ [“1.10 Fuse \(SC\), MY 2013”, page 38](#)

3 - Circuit breaker, from July 2010

- ☐ ⇒ [“1.11 Circuit breaker, from July 2010”, page 43](#)



1.2 Fuse (SA), from July 2009

1 - Fuse panel A -SA-

Tightening specifications:

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

200 A - purple

150 A - gray

125 A - pink

100 A - blue

80 A - white

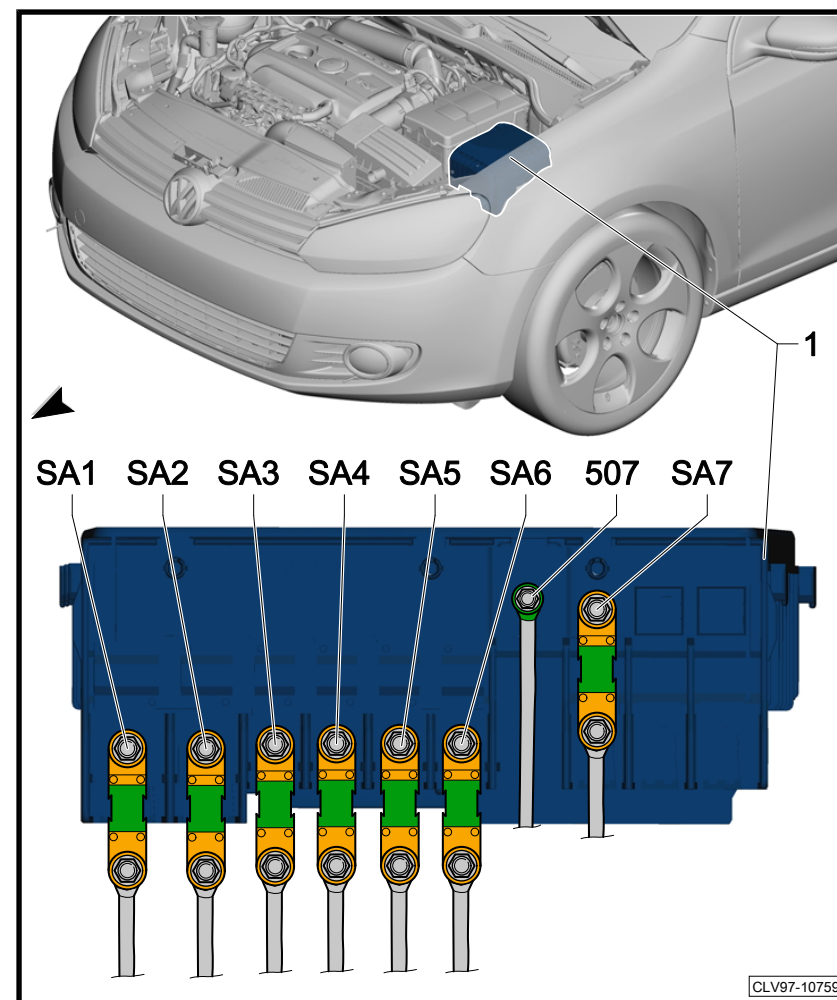
70 A - brown

60 A - yellow

50 A - red

40 A - green

30 A - orange



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel A -SA1-	150A 200A	- Generator -C- (90A/ 110A), (140 A), (+)	30
2	- Fuse 2 on fuse panel A -SA2-	80A	- Power steering control module -J500- (T2I/2)	30

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Electromechanical power steering motor -V187-	30
3	- Fuse 3 on fuse panel A -SA3-	50A	- Coolant fan -V7-	30
4	- Fuse 4 on fuse panel A -SA4-	80A	High heat output relay -J360- (T6bg/1) ⁴⁷⁾ , (T7/3) ⁴⁸⁾	
5	- Fuse 5 on fuse panel A -SA5-	80A	Fuse 12 on fuse panel C -SC12- Fuse 22 on fuse panel C -SC22- - Fuse 43 on the fuse panel C -SC43- Fuse 44 on fuse panel C -SC44- Fuse 45 on fuse panel C -SC45-	30
6	- Fuse 6 on fuse panel A -SA6-	40A	- Low heat output relay -J359- (T9j/2)	30
7	- Fuse 7 on fuse panel A -SA7-	-	- Not used	-
8	- Terminal 30 threaded connection (on battery fuse holder) -507-	-	Fuse 1 on fuse panel A -SA1- Fuse 2 on fuse panel A -SA2- - Fuse 3 on fuse panel A -SA3- Fuse 4 on fuse panel A -SA4- Fuse 5 on fuse panel A -SA5- Fuse 6 on fuse panel A -SA6- Fuse 7 on fuse panel A -SA7-	30
⁴⁷⁾ MY 10				
⁴⁸⁾ MY 11				

1.3 Fuse (SB), MY 2010

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

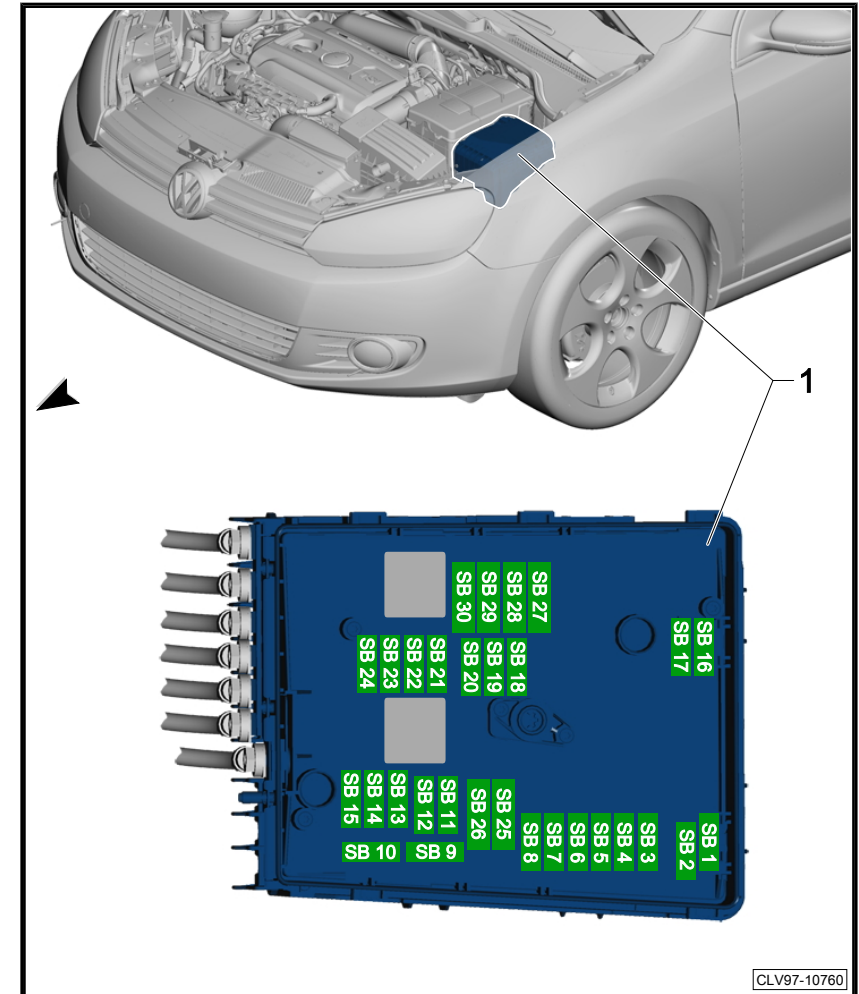
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	20A 30A	- Coolant circulation pump relay -J151- (32) ¹⁾ , DSG transmission Mechatronic -J743- (T25/9) ²⁾ DSG transmission Mechatronic -J743- (T25/9) ³⁾	30a
F3	- Fuse 3 on fuse panel B -SB3-	5A	- Battery monitoring control module -J367- ²⁾ Vehicle electrical system control module -J519- (T52a/24)	30 Ref.

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104- (T47/32)	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743- (T20e/18), (T20e/11) ⁴⁾ DSG transmission Mechatronic -J743- (T25/25) ⁵⁾	30a
F6	- Fuse 6 on fuse panel B -SB6-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T20d/19) Fuse 47 on fuse panel C -SC47-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329- (T9i/2)	30a
F8	- Fuse 8 on fuse panel B -SB8-	15A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Voltage stabilizer -J532- (T 10aj/2) Radio -R- (T16b/15), (T16b/16) Satellite radio -R146- (T8g/2) Fuse 8 on fuse panel C -SC8-	30a
F9	- Fuse 9 on fuse panel B -SB9-	5A	- Cell phone operating electronics control module -J412- (T54/1)	30a
F10	- Fuse 10 on fuse holder B --SB10--	10A 5A	- Motronic engine control module power supply relay -J271- (T40/15) ¹⁾ Engine control module -J623- (T94/92) ¹⁾ Motronic engine control module power supply relay -J271- (T40/15) ⁷⁾ Terminal 30 power supply relay -J317- (T40/15) ⁸⁾ Engine control module -J623- (T81/15), (T94/92) ⁹⁾	30a
F11	- Fuse 11 on fuse panel B --SB11--	20A	- Auxiliary heater control module -J364- (T2g/1)	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533- (T20/1)	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- (T81/27) ⁹⁾ , (T94/3), (T94/5), (T94/6) ¹⁾ , (T94/3), (T94/5) ¹¹⁾ , (T121/3) ¹²⁾ Engine control module -J623- (T94/3), (T94/5), (T94/6) ¹³⁾	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil 1 with power output stage -N70- (T4af/1) ¹⁾ , (3) ¹⁴⁾ Ignition coil 2 with power output stage -N127- (T4ag/1) ¹⁾ , (3) ¹⁴⁾ Ignition coil -N152- (T4aa/2) ¹²⁾ Fuel pressure regulator valve -N276- (2) ¹³⁾ Fuel metering valve -N290- (2) ¹³⁾ Ignition coil 3 with power output stage -N291- (T4ah/1) ¹⁾ , (3) ¹⁴⁾ Ignition coil 4 with power output stage -N292- (T4ai/1) ¹⁾ , (3) ¹⁴⁾	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F15	- Fuse 15 (on fuse panel B) -SB15-	10A 5A	- Heated oxygen sensor -G39- (T6w/4) ¹⁵ , (T4am/1) ¹⁶ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ¹⁴ Cylinder 1 fuel injector -N30- (1) ¹⁰ Cylinder 2 fuel injector -N31- (1) ¹⁰ Cylinder 3 fuel injector -N32- (1) ¹⁰ Cylinder 4 fuel injector -N33- (1) ¹⁰ Leak detection pump -V144- (T3d/3) ¹ Fuel pump relay -J17- (1A) ¹⁷ Automatic glow time control module -J179- (6) ¹⁷ Auxiliary fuel pump relay -J832- (1A) ¹⁷	87a
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module -J519- (T52c/42)	30a
F17	- Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- (3A)	30a
F18	- Fuse 18 on fuse holder B -SB18--	30A	- Digital sound system control module -J525- (T38/2)	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	- Wiper motor control module -J400- (T4p/1)	30a
F20	- Fuse 20 on fuse panel B -SB20-	20A 10A	- Fuel pressure regulator valve -N276- (1) ¹ Coolant recirculation pump -V50- (1) ¹⁶ Recirculation pump -V55- (1) ¹⁵	87a
F21	- Fuse 21 (on fuse panel B) -SB21-	10A 15A 20A	- Heated oxygen sensor -G39- (T6w/4) ¹⁸ , (T6w/5) ² , (T6w/3) ¹² Compressor magnetic clutch -N421- (T4ao/1) ¹ Oxygen sensor -G39- (4am/1) ¹⁰ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ¹⁹ Compressor magnetic clutch -N421- (1) ¹⁵ Brake system vacuum pump -V192- (T4by/3) ¹⁶	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476- (T5m/5)	87a
F23	- Fuse 23 on fuse holder B -SB23-	5A 10A 15A	- Secondary air pump relay -J299- (T40/8) ¹² Coolant circulation pump relay -J151- (1), (3) ¹ Wastegate bypass regulator valve -N75- (1) ² Valve 2 for EGR -N213- (1) ¹³ Fuel pressure regulator valve -N276- (1) ²⁰	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F24	- Fuse 24 (on fuse panel B) -SB24-	10A	- Recirculation pump relay -J160- (2) ¹³⁾ Auxiliary coolant pump relay -J496- (T40/8) ¹⁴⁾ Engine component power supply relay -J757- (T40/8) ¹⁾ wastegate bypass regulator valve -N75- (1) ²¹⁾ EVAP canister purge regulator valve 1 -N80- (1) ²²⁾ Intake manifold tuning valve -N156- (1) ¹²⁾ Camshaft adjustment valve 1 -N205- (1) ²¹⁾ Turbocharger recirculation valve -N249- (1) ²¹⁾ Wastegate bypass regulator valve 2 -N274- (1) ¹⁾ Bank 2 turbocharger recirculation valve -N427- (1) ¹⁾ 4-pin connector -T4- (T4x/2)	87a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- (T26a/1), (T47/1)	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module -J519- (T52a/1)	30a
F27	- Fuse 27 on fuse panel B -SB27-	50A 40A	- Automatic glow time control module -J179- (11) ¹⁷⁾ Secondary air injection pump motor -V101- (2) ¹²⁾	30a 87a
F28	- Fuse 28 on fuel panel B -SB28-	-	- Not used	-
F29	- Fuse 29 (on fuse panel B) -SB29-	50A	- Driver power seat adjustment circuit breaker -S44- Fuse 32 on fuse panel C -SC32- Fuse 39 on fuse panel C -SC39-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	- Terminal 75 power supply relay 1 -J680- (T9m/2)	30a

¹⁾Engine code CCZA

²⁾Engine codes CAYB and CAYC

³⁾Engine codes BSE, BSF and CAVD. CCSA

⁴⁾Direct Shift Gearbox 02E (DSG)

⁵⁾Direct Shift Gearbox 0AM (DSG)

⁷⁾Engine codes CAVD, CAXA, CBUA, CBTA and CGGA

⁸⁾Engine codes BXE, CAYB, CAYC, CBDA and CBDB

⁹⁾Engine codes CAVD, CAXA, CAYB, CAYC, CBDA, CBDB, CCCA and CCZA

¹⁰⁾Engine code CGGA

¹¹⁾Engine codes CAVD, CAXA, CBUA and CBTA

¹²⁾Engine codes BSE, BSF and CCSA

¹³⁾Engine codes CAYB, CAYC, CJAA, CBDA and CBDB

¹⁴⁾Engine codes CAVD and CAXA

¹⁵⁾Engine code CAVD

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
16)	Engine code CAXA			
17)	Engine codes BXE, CAYB, CAYC, CBDA, CBDB and CJAA			
18)	Engine codes CBDA, CBDB and CJAA			
19)	Engine codes BSE, BSF, CCSA, CGGA, CBTA and CBUA			
21)	Engine codes CAVD, CAXA and CCZA			
22)	Engine codes BSE, BSF, CAVD, CAXA, CCSA, CCZA and CGGA			

1.4 Fuse (SB), MY 2011

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

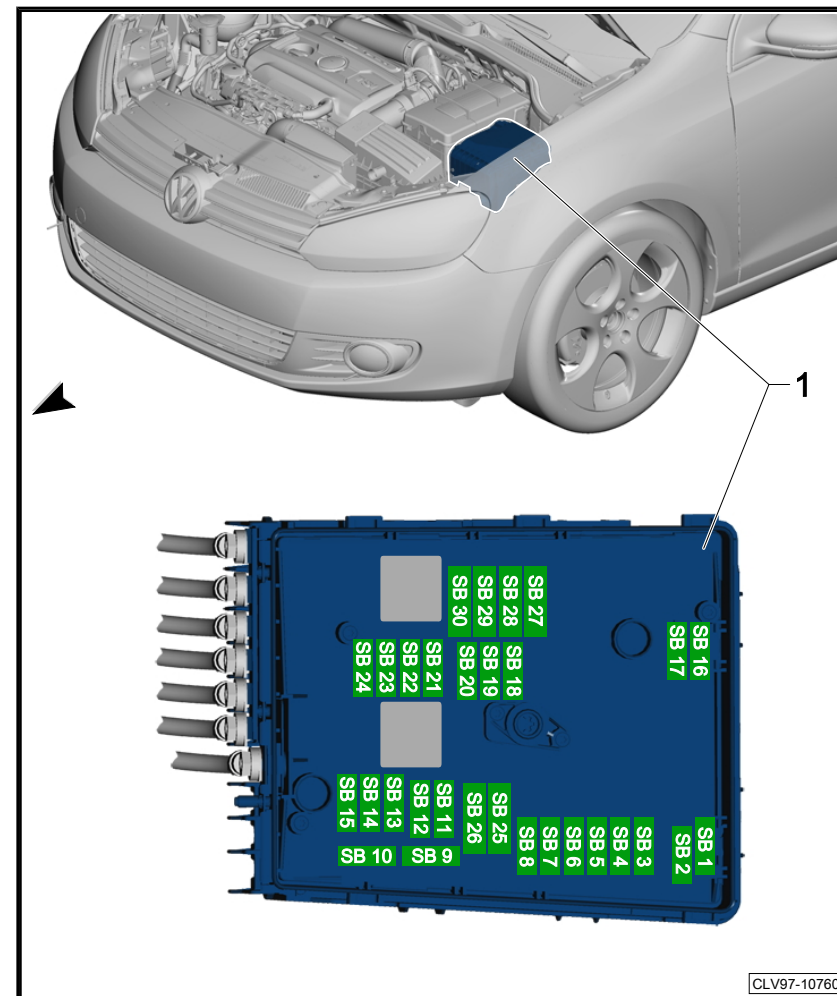
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- (T25/9)	30a
F3	- Fuse 3 on fuse panel B -SB3-	5A	- Battery monitoring control module -J367- (2) Vehicle electrical system control module -J519- (T52a/24)	30 Ref.
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104- (T47/32)	30a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743- (T20e/18), (T20e/11) ⁴⁾ DSG transmission Mechatronic -J743- (T25/25) ⁵⁾	30a
F6	- Fuse 6 on fuse panel B -SB6-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T16p/1) Fuse 47 on fuse panel C -SC47-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329- (T9i/3)	30a
F8	- Fuse 8 on fuse panel B -SB8-	15A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Voltage stabilizer -J532- (T 10aj/2) Radio -R- (T16b/15), (T16b/16) Fuse 28 on fuse panel C -SC28-	30a
F9	- Fuse 9 on fuse panel B -SB9-	5A	- Telephone transceiver -R36- (T54/1)	30a
F10	- Fuse 10 on fuse holder B --SB10--	10A 5A	- Motronic engine control module power supply relay -J271- (T40/15) ¹⁾ Engine control module -J623- (T94/92) ¹⁾ Motronic engine control module power supply relay -J271- (T40/15) ²³⁾ Terminal 30 power supply relay -J317- (T40/15) ²⁴⁾ Engine control module -J623- (T80/15) ¹⁰⁾ , (T94/92) ²⁵⁾	30a
F11	- Fuse 11 on fuse panel B --SB11--	20A	- Auxiliary heater control module -J364- (T2g/1)	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533- (T20/1)	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Fuel pump relay -J17- (1A) ²⁶⁾ Engine control module -J623- (T81/27) ¹⁰⁾ , (T94/3), (T94/5), (T94/6) ¹⁰⁾ , (T94/3), (T94/5) ²³⁾ , (T121/3) ¹²⁾ Engine control module -J623- (T94/3), (T94/5), (T94/6) ²⁴⁾	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil 1 with power output stage -N70- (T4af/1) ²⁷⁾ , (3) ²¹⁾ Ignition coil 2 with power output stage -N127- (T4ag/1) ²⁷⁾ , (3) ²¹⁾ Ignition coil -N152- (T4aa/2) ²⁸⁾ Fuel pressure regulator valve -N276- (2) ²⁴⁾ Fuel metering valve -N290- (2) ²⁴⁾ Ignition coil 3 with power output stage -N291- (T4ah/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil 4 with power output stage -N292- (T4ai/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil 5 with power output stage -N323- (T4aj/1) ²⁶⁾	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F15	- Fuse 15 (on fuse panel B) -SB15-	5A 10A	- Fuel pump relay -J17- (1A) ²⁴⁾ Automatic glow time control module -J179- (6) ²⁴⁾ Auxiliary fuel pump relay -J832- (1A) ³⁰⁾ Heated oxygen sensor -G39- (T6w/4) ¹⁴⁾ , (T6w/5) ³¹⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ²³⁾ Oxygen sensor in bank 1 center three way catalytic converter -G465- (T4v/1) ²⁶⁾ Low heat output relay -J359- (T9j/1) High heat output relay -J360- (T7/1) Cylinder 1 fuel injector -N30- (1) ¹⁰⁾ Cylinder 2 fuel injector -N31- (1) ¹⁰⁾ Cylinder 3 fuel injector -N32- (1) ¹⁰⁾ Cylinder 4 fuel injector -N33- (1) ¹⁰⁾ Leak detection pump -V144- (T3d/3) ¹⁾	87a
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module -J519- (T52c/42)	30a
F17	- Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- (3A)	30a
F18	- Fuse 18 on fuse holder B -SB18--	30A	- Special purpose vehicle control module -J608- (T12t/10) (T12t/12) Amplifier -R12- (T38/1) 8-pin connector -T8- (T8af/8)	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	- Wiper motor control module -J400- (T4p/1)	30a
F20	- Fuse 20 on fuse panel B -SB20-	20A 10A	- Fuel pressure regulator valve -N276- (1) ¹⁾ Coolant recirculation pump -V50- (1)	87a
F21	- Fuse 21 (on fuse panel B) -SB21-	15A 10A 20A	- Heated oxygen sensor -G39- (T4am/1) ¹⁰⁾ , (T6w/3) ¹²⁾ , (T6w/4) ²⁶⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ³³⁾ Heated oxygen sensor -G39- (T6w/4) ³⁰⁾ (T6w/5) ²⁾ Oxygen sensor after three way catalytic converter -G130- (T6af/4) ³⁰⁾ Compressor magnetic clutch -N421- (1) ¹⁵⁾ Brake system vacuum pump -V192- (T4by/3) ¹⁶⁾	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476- (T5m/5)	87a
F23	- Fuse 23 on fuse holder B -SB23-	10A 5A 15A	- Mass air flow sensor -G70- (T5d/1) ³⁰⁾ Coolant circulation pump relay -J151- (1), (3) ¹⁾ Wastegate bypass regulator valve -N75- (1) ²⁴⁾ Valve 2 for EGR -N213- (1) ²⁴⁾ Secondary air pump relay -J299- (T40/8) ¹²⁾ Secondary air pump relay -J299- (T40/8) ²⁶⁾ Secondary air injection solenoid valve -N112- (1) ²⁶⁾ Fuel pressure regulator valve -N276- (1) ³²⁾ Leak detection pump -V144- (T3d/3)	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F24	- Fuse 24 (on fuse panel B) -SB24-	10A	- Recirculation pump relay -J160- (2) ²⁴⁾ Throttle valve control module -J338- (2) ²⁴⁾ Auxiliary coolant pump relay -J496- (T40/8) ³²⁾ Auxiliary coolant pump relay -J496- (T40/8) ¹⁾ Wastegate bypass regulator valve -N75- (1) ³²⁾ EVAP canister purge regulator valve 1 -N80- (1) ¹²⁾ Intake manifold tuning valve -N156- (1) ¹²⁾ Camshaft adjustment valve 1 -N205- (1) ³⁵⁾ Turbocharger recirculation valve -N249- (1) ²¹⁾ Wastegate bypass regulator valve 2 -N274- (1) ¹⁾ Bank 2 turbocharger recirculation valve -N427- (1) ¹⁾ 4-pin connector -T4- (T4x/2) Coolant fan -V7- (2)	87a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- (T26a/1), (T47/1)	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module -J519- (T52a/1)	30a
F27	- Fuse 27 on fuse panel B -SB27-	40A 50A	- Automatic glow time control module -J179- (T11b/11) ²⁴⁾ Secondary air injection pump motor -V101- (2) ¹⁹⁾	30a
F28	- Fuse 28 on fuel panel B -SB28-	-	- Not used	-
F29	- Fuse 29 (on fuse panel B) -SB29-	50A	- Driver power seat adjustment circuit breaker -S44- Fuse 18 on fuse panel C -SC18- Fuse 32 on fuse panel C -SC32- Fuse 39 on fuse panel C -SC39-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	- Terminal 75 power supply relay 1 -J680- (T9m/2), (T7a/3)	30a
¹⁾ Engine code CCZA ²⁾ Engine codes CAYB and CAYC ⁴⁾ Direct Shift Gearbox 02E (DSG) ⁵⁾ Direct Shift Gearbox 0AM (DSG) ¹⁰⁾ Engine code CGGA ¹²⁾ Engine codes BSE, BSF and CCSA ¹⁴⁾ Engine codes CAVD and CAXA ¹⁵⁾ Engine code CAVD ¹⁶⁾ Engine code CAXA ¹⁹⁾ Engine codes BSE, BSF, CBTA, CBUA, CCSA and CGGA ²¹⁾ Engine codes CAVD, CAXA and CCZA ²³⁾ Engine codes BSE, BSF, CAVD, CAXA, CCSA, CCZA and CGGA				

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
24)	Engine codes CAYB, CAYC, CFHB, CFHC, CJAA and CLCA,			
25)	Engine codes CAVD, CAXA, CAYB, CAYC, CBTA, CBUA, CCCA, CFHB, CFHC, CJAA and CLCA			
26)	Engine codes CBTA, CBUA, CCCA			
27)	Engine code CBUA. CBTA, CCCA and CCZA			
28)	Engine codes BSE, BSF, CBZA, CBZB and CCSA			
29)	Engine codes CAVD, CAXA and CGGA			
30)	Engine codes CFHB, CFHC, CJAA and CLCA			
31)	Engine codes CBZA and CBZB			
32)	Engine codes CAXA, CAVD, CBZA and CBZB			
33)	Engine codes BSE, BSF, CCSA, CCZA and CGGA			
34)	Engine code CJAA			
35)	Engine codes CAVD, CAXA, CCZA, CBTA, CBUA and CCCA			

1.5 Fuse (SB), MY 2012

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

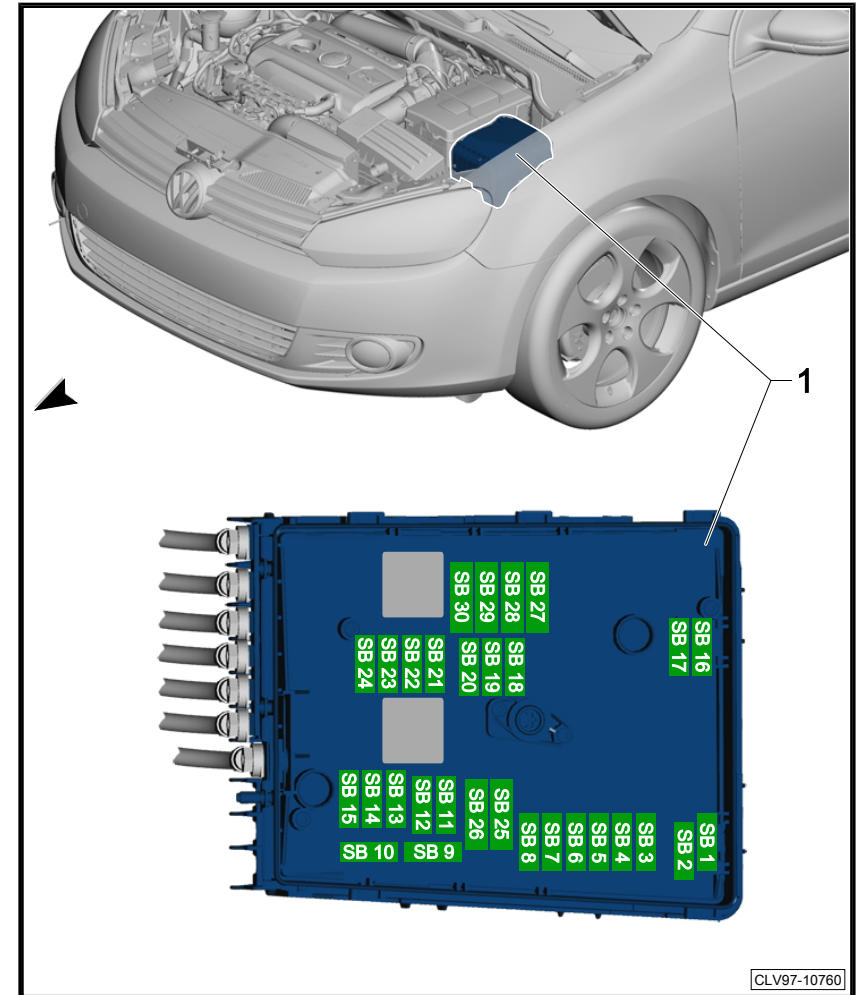
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- (T25/9)	30a
F3	- Fuse 3 on fuse panel B -SB3-	5A	- Battery monitoring control module -J367- (2) Vehicle electrical system control module -J519- (T52a/24)	30 Ref.
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104- (T47/32)	30a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743- (T20e/18), (T20e/11) ⁴⁾ DSG transmission Mechatronic -J743- (T25/25) ⁵⁾	30a
F6	- Fuse 6 on fuse panel B -SB6-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T16p/1) Fuse 47 on fuse panel C -SC47-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329- (T9i/3)	30a
F8	- Fuse 8 on fuse panel B -SB8-	15A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Voltage stabilizer -J532- (T12z/1) Radio -R- (T16b/15), (T16b/16) Fuse 28 on fuse panel C -SC28-	30a
F9	- Fuse 9 on fuse panel B -SB9-	5A	- Telephone transceiver -R36- (T54/1)	30a
F10	- Fuse 10 on fuse holder B --SB10--	10A 5A	- Motronic engine control module power supply relay -J271- (T40/15) ¹⁾ Engine control module -J623- (T94/92) ¹⁾ Motronic engine control module power supply relay -J271- (T40/15) ²³⁾ Terminal 30 power supply relay -J317- (T40/15) ²⁴⁾ Engine control module -J623- (T80/15) ¹⁰⁾ , (T94/92)	30a
F11	- Fuse 11 on fuse panel B --SB11--	30A	- Auxiliary heater control module -J364- (T2g/1)	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533- (T20/1)	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Fuel pump relay -J17- (1A) ²⁶⁾ Engine control module -J623- (T81/27) ¹⁰⁾ , (T94/3), (T94/5), (T94/6) ⁹⁾ , (T94/3), (T94/5) ²³⁾ , (T121/3) ¹²⁾	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil 1 with power output stage -N70- (T4af/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil 2 with power output stage -N127- (T4ag/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil -N152- (T4aa/2) ²⁸⁾ Fuel pressure regulator valve -N276- (2) ²⁴⁾ Fuel metering valve -N290- (2) ²⁴⁾ Ignition coil 3 with power output stage -N291- (T4ah/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil 4 with power output stage -N292- (T4ai/1) ²⁷⁾ , (3) ²⁹⁾ Ignition coil 5 with power output stage -N323- (T4aj/1) ²⁹⁾	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F15	- Fuse 15 (on fuse panel B) -SB15-	5A 10A	- Fuel pump relay -J17- (1A) ²⁴⁾ Automatic glow time control module -J179- (6) ²⁴⁾ Low heat output relay -J359- (T9j/1) High heat output relay -J360- (T7/1) Auxiliary fuel pump relay -J832- (1A) ³⁰⁾ Heated oxygen sensor -G39- (T6w/4) ¹⁴⁾ , (T6w/5) ³¹⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ²³⁾ Oxygen sensor in bank 1 center three way catalytic converter -G465- (T4v/1) ²³⁾ Low heat output relay -J359- (T9j/1) High heat output relay -J360- (T7/1) Cylinder 1 fuel injector -N30- (1) ¹⁰⁾ Cylinder 2 fuel injector -N31- (1) ¹⁰⁾ Cylinder 3 fuel injector -N32- (1) ¹⁰⁾ Cylinder 4 fuel injector -N33- (1) ¹⁰⁾ Leak detection pump -V144- (T3d/3) ¹⁾	87a
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module -J519- (T52c/42)	30a
F17	- Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- (3A)	30a
F18	- Fuse 18 on fuse holder B -SB18--	30A	- Amplifier -R12- (T38/2)	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	- Wiper motor control module -J400- (T4p/1)	30a
F20	- Fuse 20 on fuse panel B -SB20-	20A 10A	- Fuel pressure regulator valve -N276- (1) ¹⁾ Coolant recirculation pump -V50- (1) Recirculation pump -V55- (1) ¹⁵⁾	87a
F21	- Fuse 21 (on fuse panel B) -SB21-	15A 10A 20A	- Heated oxygen sensor -G39- (T4am/1) ¹⁰⁾ , (T6w/3) ¹²⁾ , (T6w/4) ²⁶⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ³³⁾ Heated oxygen sensor -G39- (T6w/4) ³⁰⁾ (T6w/5) ²⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ²¹⁾ , (T6af/4) ³⁰⁾ Compressor magnetic clutch -N421- (1) ¹⁵⁾ Brake system vacuum pump -V192- (T4by/3) ¹⁶⁾	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476- (T5m/5) Brake pedal switch -F47- (T4y/4)	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F23	- Fuse 23 on fuse holder B -SB23-	10A 5A 15A	- Mass air flow sensor -G70- (T5d/1) ³⁰⁾ Fuel pump relay -J17- (1A), (3A) ¹⁾ Wastegate bypass regulator valve -N75- (1) ²⁴⁾ Valve 2 for EGR -N213- (1) ²⁴⁾ Secondary air pump relay -J299- (T40/8) ¹²⁾ Fuel pump relay -J17- (1A), (3A) ¹⁾ Secondary air pump relay -J299- (T40/8) ²⁶⁾ Secondary air injection solenoid valve -N112- (1) ²⁶⁾ Fuel pressure regulator valve -N276- (1) ³²⁾ Leak detection pump -V144- (T3d/3) ²⁶⁾	87a
F24	- Fuse 24 (on fuse panel B) -SB24-	10A	- Recirculation pump relay -J160- (2) ²⁴⁾ Throttle valve control module -J338- (2) ³⁴⁾ Auxiliary coolant pump relay -J496- (T40/8) ³²⁾ Engine component current supply relay -J757- (T40/8) ¹⁾ Wastegate bypass regulator valve -N75- (1) ³²⁾ EVAP canister purge regulator valve 1 -N80- (1) Intake manifold tuning valve -N156- (1) ¹²⁾ Camshaft adjustment valve 1 -N205- (1) ³⁵⁾ Turbocharger recirculation valve -N249- (1) ²¹⁾ Wastegate bypass regulator valve 2 -N274- (1) ¹⁾ Bank 2 turbocharger recirculation valve -N427- (1) ¹⁾ 4-pin connector -T4- (T4x/2)	87a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- (T26a/1), (T47/1)	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module -J519- (T52a/1)	30a
F27	- Fuse 27 on fuse panel B -SB27-	50A 40A	- Automatic glow time control module -J179- (T11b/11) ²⁴⁾ Secondary air injection pump motor -V101- (2) ¹⁹⁾	30a
F28	- Fuse 28 on fuel panel B -SB28-	-	- Not used	-
F29	- Fuse 29 (on fuse panel B) -SB29-	50A	- Driver power seat adjustment circuit breaker -S44- Fuse 18 on fuse panel C -SC18- Fuse 32 on fuse panel C -SC32- Fuse 39 on fuse panel C -SC39-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	- Terminal 75 power supply relay 1 -J680- (T7a/3)	30a

¹⁾Engine code CCZA

⁴⁾Direct Shift Gearbox 02E (DSG)

⁵⁾Direct Shift Gearbox 0AM (DSG)

⁹⁾Engine codes CAVD, CAXA, CAYB, CAYC, CBDA, CBDB, CCCA and CCZA

¹⁰⁾Engine code CGGA

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
12)	Engine codes BSE, BSF and CCSA			
14)	Engine codes CAVD and CAXA			
15)	Engine code CAVD			
16)	Engine code CAXA			
19)	Engine codes BSE, BSF, CBTA, CBUA, CCSA and CGGA			
20)	Engine codes CAVD, CAXA, CBZA, CBZB and CCZA			
21)	Engine codes CAVD, CAXA and CCZA			
23)	Engine codes BSE, BSF, CAVD, CAXA, CCSA, CCZA and CGGA			
24)	Engine codes CAYB, CAYC, CFHB, CFHC, CJAA and CLCA,			
26)	Engine codes CBTA, CBUA, CCCA			
27)	Engine code CBUA. CBTA, CCCA and CCZA			
28)	Engine codes BSE, BSF, CBZA, CBZB and CCSA			
29)	Engine codes CAVD, CAXA and CGGA			
30)	Engine codes CFHB, CFHC, CJAA and CLCA			
31)	Engine codes CBZA and CBZB			
32)	Engine codes CAXA, CAVD, CBZA and CBZB			
33)	Engine codes BSE, BSF, CCSA, CCZA and CGGA			
34)	Engine code CJAA			
35)	Engine codes CAVD, CAXA, CCZA, CBTA, CBUA and CCCA			
36)	Engine codes CAVD, CAXA, CAYB, CAYC, CBTA, CBUA, CBZA, CBZB, CCCA, CFHB, CFHC, CJAA and CLCA			

1.6 Fuse (SB), MY 2013

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

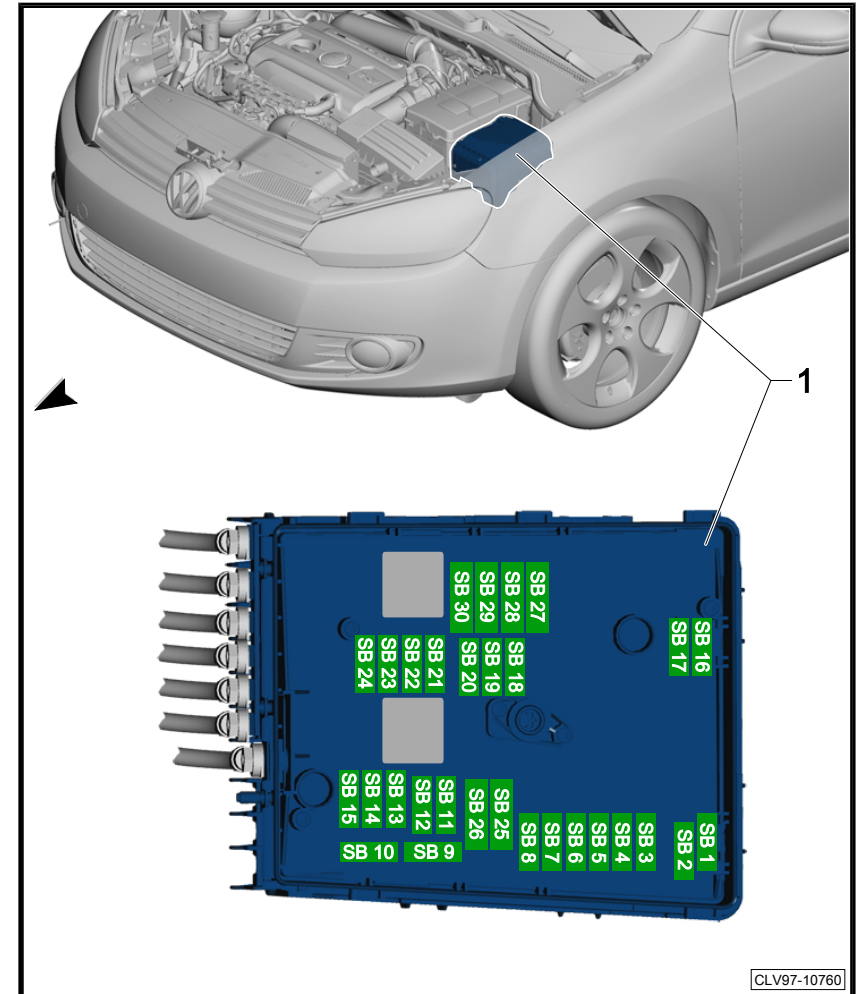
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- (T25/9)	30a
F3	- Fuse 3 on fuse panel B -SB3-	5A	- Battery monitoring control module -J367- (2) Vehicle electrical system control module -J519- (T52a/24)	30
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104- (T47/32)	30a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743- (T20e/18) ²⁾ (T20e/11) ²⁾ (T25/25) ³⁾	30a
F6	- Fuse 6 on fuse panel B -SB6-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T16p/1)	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329- (T9i/3)	30a
F8	- Fuse 8 on fuse panel B -SB8-	15A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Voltage stabilizer -J532- (T12z/1) Radio -R- (T16b/15), (T16b/16)	30a
F9	- Fuse 9 on fuse panel B -SB9-	5A	- Telephone transceiver -R36- (T54/1)	30a
F10	- Fuse 10 on fuse holder B --SB10--	10A ¹⁾ 5A	- Motronic engine control module power supply relay -J271- (T40/15) ³¹⁾ Terminal 30 power supply relay -J317- (T40/15) ¹¹⁾ Engine control module -J623- (T80/15) ⁵⁾ , (T94/92) ³¹⁾	30a
F11	- Fuse 11 on fuse panel B --SB11--	30A	- Auxiliary heater control module -J364- (T2g/1)	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533- (T20/1)	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A ¹¹⁾	- Fuel pump relay -J17- (1A) ⁷⁾ Engine control module -J623- (T80/27) ⁵⁾ (T94/3), (T94/5), (T94/6) ⁴⁾ (T121/3) ⁶⁾	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A 15A ²⁰⁾	- Ignition coil 1 with power output stage -N70- (T4af/1) ⁸⁾ , (3) ⁹⁾ Ignition coil 2 with power output stage -N127- (T4ag/1) ⁸⁾ , (3) ⁹⁾ Ignition coil -N152- (T4aa/2) ¹⁰⁾ Fuel pressure regulator valve -N276- (2) ¹¹⁾ Fuel metering valve -N290- (2) ¹¹⁾ Ignition coil 3 with power output stage -N291- (T4ah/1) ⁸⁾ , (3) ⁹⁾ Ignition coil 4 with power output stage -N292- (T4ai/1) ⁸⁾ , (3) ⁹⁾ Ignition coil 5 with power output stage -N323- (T4aj/1) ⁹⁾	87a
F15	- Fuse 15 (on fuse panel B) -SB15-	5A ¹¹⁾	- Fuel pump relay -J17- (1A) ¹¹⁾ Automatic glow time control module -J179- (6) ¹¹⁾ Low heat output relay -J359- (T9j/1) High heat output relay -J360- (T7/1) Auxiliary fuel pump relay -J832- (1A) ¹²⁾ Heated oxygen sensor -G39- (T6w/4) ¹³⁾ , (T6w/5) ¹⁴⁾ Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ¹⁵⁾ Oxygen sensor in bank 1 center three way catalytic converter -G465- (T4v/1) ¹⁵⁾	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
		10A	Cylinder 1 fuel injector -N30- (1) ⁵⁾ Cylinder 2 fuel injector -N31- (1) ⁵⁾ Cylinder 3 fuel injector -N32- (1) ⁵⁾ Cylinder 4 fuel injector -N33- (1) ⁵⁾ Leak detection pump -V144- (T3d/3) ¹⁾	
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module -J519- (T52c/42)	30a
F17	- Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- (3A)	30a
F18	- Fuse 18 on fuse holder B -SB18--	30A	- Amplifier -R12- (T38/2)	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	- Wiper motor control module -J400- (T4p/1)	30a
F20	- Fuse 20 on fuse panel B -SB20-	10A 15A ¹⁾	- Fuel pressure regulator valve -N276- (1) ¹⁾ Coolant recirculation pump -V50- (1) Recirculation pump -V55- (1) ¹⁶⁾	87a
F21	- Fuse 21 (on fuse panel B) -SB21-	15A ³⁴⁾ 10A ³⁵⁾ 20A ¹⁸⁾	- Heated oxygen sensor -G39- (T4am/1) ⁵⁾ , (T6w/3) ⁶⁾ , (T6w/4) ⁷⁾ (T6w/5) ¹⁷⁾ - Oxygen sensor after three way catalytic converter -G130- (T4ao/1) ¹⁵⁾ Compressor magnetic clutch -N421- (1) ¹⁶⁾ Brake system vacuum pump -V192- (T4by/3) ¹⁸⁾	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476- (T5m/5) Brake pedal switch -F47- (T4y/4)	87a
F23	- Fuse 23 on fuse holder B -SB23-	10A ³⁶⁾ 5A ⁶⁾ 15A ¹⁹⁾	- Mass air flow sensor -G70- (T5d/1) ¹²⁾ Fuel pump relay -J17- (1A) ¹⁾ (3A) ¹⁾ Wastegate bypass regulator valve -N75- (1) ¹¹⁾ Valve 2 for EGR -N213- (1) ¹¹⁾ - Secondary air pump relay -J299- (T40/8) ³²⁾ Secondary air injection solenoid valve -N112- (1) ⁷⁾ Fuel pressure regulator valve -N276- (1) ¹⁹⁾ Leak detection pump -V144- (T3d/3) ⁷⁾	87a
			Recirculation pump relay -J160- (2) ¹¹⁾ Coolant fan control module -J293- (T4x/2) Throttle valve control module -J338- (2) ²⁰⁾ Auxiliary coolant pump relay -J496- (T40/8) ¹⁹⁾ Engine component current supply relay -J757- (T40/8) ¹⁾	

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F24	- Fuse 24 (on fuse panel B) -SB24-	10A	- Wastegate bypass regulator valve -N75- (1) ¹⁹⁾ EVAP canister purge regulator valve 1 -N80- (1) Intake manifold tuning valve -N156- (1) ⁶⁾ Camshaft adjustment valve 1 -N205- (1) ²¹⁾ Turbocharger recirculation valve -N249- (1) ²²⁾ Wastegate bypass regulator valve 2 -N274- (1) ¹⁾ Bank 2 turbocharger recirculation valve -N427- (1) ¹⁾	87a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- (T26a/1), (T47/1)	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module -J519- (T52a/1)	30a
F27	- Fuse 27 on fuse panel B -SB27-	50A ¹¹⁾ 40A ²³⁾	- Automatic glow time control module -J179- (T11b/11) ¹¹⁾ Secondary air injection pump motor -V101- (2) ²³⁾	30a
F28	- Fuse 28 on fuel panel B -SB28-	-	- Not used	-
F29	- Fuse 29 (on fuse panel B) -SB29-	50A	- Driver power seat adjustment circuit breaker -S44- Fuse 18 on fuse panel C -SC18- Fuse 32 on fuse panel C -SC32- Fuse 39 on fuse panel C -SC39-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	- Terminal 75 power supply relay 1 -J680- (T7a/3)	30a

¹⁾Engine code CCZA

²⁾Direct Shift Gearbox 02E (DSG)

³⁾Direct Shift Gearbox 0AM (DSG)

⁴⁾Engine codes CCZA, CAYB, CAYC, CFHB, CFHC, CJAA and CLCA

⁵⁾Engine code CGGA

⁶⁾Engine codes BSE, BSF and CCSA

⁷⁾Engine codes CBTA, CBUA, CCCA

⁸⁾Engine code CBUA. CBTA, CCCA and CCZA

⁹⁾Engine codes CAVD, CAXA and CGGA

¹⁰⁾Engine codes BSE, BSF, CBZA, CBZB and CCSA

¹¹⁾Engine codes CAYB, CAYC, CFHB, CFHC, CJAA and CLCA,

¹²⁾Engine codes CFHB, CFHC, CJAA and CLCA

¹³⁾Engine codes CAVD and CAXA

¹⁴⁾Engine codes CBZA and CBZB

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
15)	Engine codes BSE, BSF, CAVD, CAXA, CCSA, CCZA and CGGA			
16)	Engine code CAVD			
17)	Engine codes CAYB and CAYC			
18)	Engine code CAXA			
19)	Engine codes CAXA, CAVD, CBZA and CBZB			
20)	Engine code CJAA			
21)	Engine codes CAVD, CAXA, CCZA, CBTA, CBUA and CCCA			
22)	Engine codes CAVD, CAXA and CCZA			
23)	Engine codes BSE, BSF, CBTA, CBUA, CCSA and CGGA			
31)	Engine codes CAVD, CAYC, CAYB, CBTA, CBUA, CCSA, CGGA, CCZA and CAXA			
32)	Engine codes BSE, BSF, CCSA, CBTA, CBUA and CCSA			
33)	Engine codes CFHB, CFHC, CLCA, CJAA, CAYB, CAYC and CCZA			
34)	Engine codes CGGA, BSE, BSF, CCSA, CBTA, CBUA, CCCA and CCZA			
35)	Engine codes CAVD, CAYC, CFHB, CFHC, CJAA and CLCA			
36)	Engine codes CCZA, CBTA, CBUA, CCSA, CAYB, CAYC, CFHB, CFHC, CLCA and CJAA			

1.7 Fuse (SC), MY 2010

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

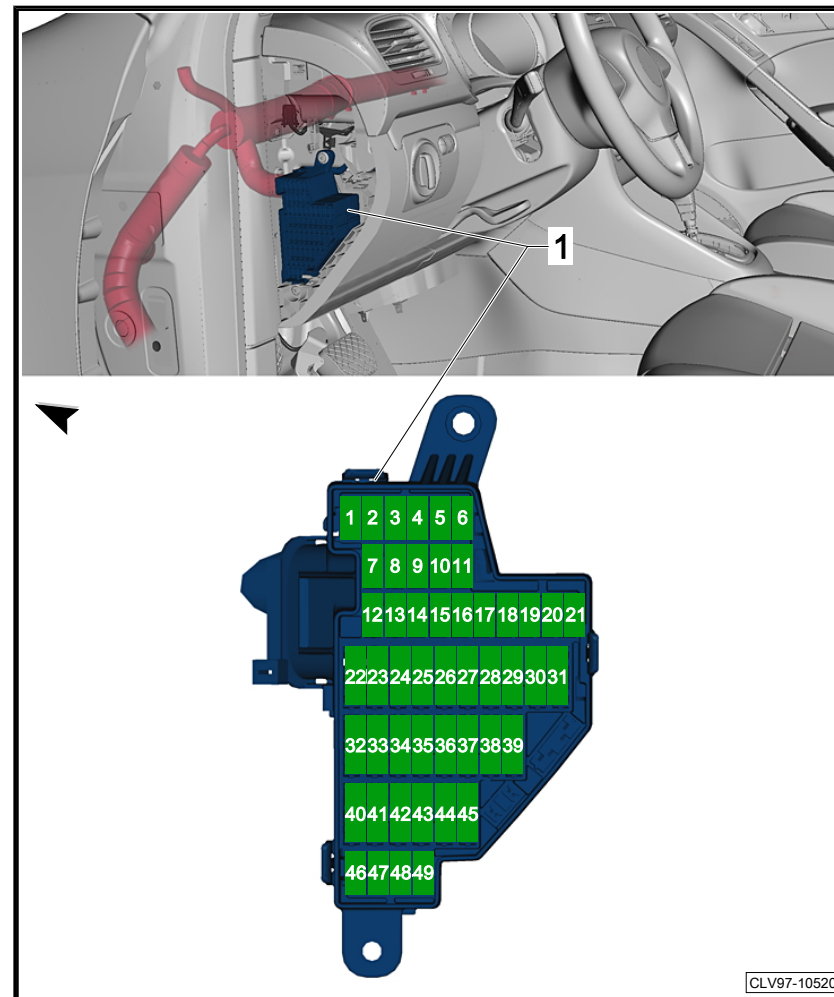
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel C -SC1-	10A	- Instrument panel and switch illumination dimmer switch -E20- (T 8e/1) Intake air temperature sensor -G42- (T5d/3) ³⁷⁾ Mass airflow sensor -G70- (T5d/3) ³⁷⁾ , (T3ar/3) ²⁾ Fresh air blower relay -J13- (4) Headlamp range control module -J431- (T26c/23) Auxiliary heater operation relay -J485- (4) Wastegate bypass regulator valve -N75- (2) ¹⁰⁾ Positive crankcase ventilation heating element -N79- (1) ³⁸⁾ 16-pin connector -T16- under the instrument panel on the left side, unter Schalttafel links, diagnostic connection (T16/1) Left headlamp beam adjustment motor -V48- (T10i/1) Right headlamp beam adjustment motor -V49- (T10j/1)	15a
2	- Fuse 2 on fuse panel C -SC2-	10A	- Generator -C- (1) Light switch -E1- (T10h/4) Brake light switch -F- (T4y/4) Fuel pump relay -J17- (1) ³⁹⁾ ABS control module -J104- (T47/8), (T26a/20) Instrument cluster control module -J285- (T32c/31) Towing recognition control module -J345- , (T12h/2) Simos control module power supply relay -J363- (T40/7) ¹²⁾ Power steering control module -J500- (T3ao/3) Voltage stabilizer -J532- (T 10aj/5) Data bus on board diagnostic interface -J533- (T20/14) Fuel pump control module -J538- (T10v/3) ²¹⁾ Selector lever sensor system control module -J587- (T10s/9) Engine control module -J623- (T81/4) ¹⁰⁾ , (T94/87) ⁴⁰⁾ , (T121/62) ¹²⁾ Terminal 50 power supply relay -J682- (T6d/4), (T9b/4) DSG transmission Mechatronic -J743- (T25/10) ³⁾ Interior socket, 230V, 110V -U11- (T3ba/3)	15a
3	- Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234- (T50/1), (T50/26), (T75/1), (T75/26) Front passenger airbag -disabled- indicator lamp -K145- (T4ag/1)	15a
4	- Fuse 4 (on fuse panel C) -SC4-	5A	- ASR/ESP button -E256- (T6ad/4) Garage door opener control head -E284- (3) Tire pressure monitoring display button -E492- (T6an/4) Back-up lamp switch -F4- (1) High pressure sensor -G65- (T3c/3) Air quality sensor -G238- (T3an/1) Oil level thermal sensor -G266- (1) Climatronic control module -J255- (T20c/16), (T20c/19) Parking Aid Control Module -J446- (T16m/1) Passenger occupant detection system control module -J706- (T18e/9) Coolant fan -V7- (T6am/1)	15a
5	- Fuse 5 on fuse panel C -SC5-	10A	- Right HID headlamp control module -J344- (T14d/4)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
6	- Fuse 6 on fuse panel C -SC6-	10A	- Left HID headlamp control module -J343- (T14c/4)	15a
7	- Fuse 7 (on fuse panel C) -SC7-	-	- Not used	-
8	- Fuse 8 on fuse panel C -SC8-	-	- Not used	-
9	- Fuse 9 on fuse panel C -SC9-	-	- Not used	-
10	- Fuse 10 on fuse panel C -SC10-	-	- Not used	-
11	- Fuse 11 on fuse panel C -SC11-	-	- Not used	-
12	- Fuse 12 (on fuse panel C) -SC12-	10A	- Driver door control module -J386- (T20a/18) Front passenger door control module -J387- (T20b/18)	30 HNA
13	- Fuse 13 on fuse panel C -SC13-	10A	- Light switch -E1- (T10h/8) Rain/light recognition sensor -G397- (T3ae/1) Rear window defogger relay -J9- (T9n/4) Vehicle location recognition control module -J603- (T8h/1) 16-pin connector -T16- (T16/16), diagnostic connection	30 HNA
14	- Fuse 14 on fuse panel C -SC14-	10A	- Transmission Control Module -J217- (T52/3) Climatronic control module -J255- (T20c/18), (T20c/19), (T20c/20) Selector lever sensor system control module -J587- (T10s/10) Auxiliary engine coolant heater radio frequency receiver -R149- (T6j/1)	30a
15	- Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module -J519- (T52b/1)	30a
16	- Fuse 16 on fuse panel C -SC16-	-	- Not used	-
17	- Fuse 17 on fuse panel C -SC17-	5A	- Alarm horn -H12- (T3f/3) Dual tone horn relay -J4- (1) Vehicle electrical system control module -J519- (T52c/1)	30 HNA
18	- Fuse 18 on fuse panel C -SC18-	-	- Not used	-
19	- Fuse 19 on fuse panel C -SC19-	-	- Not used	-
20	- Fuse 20 on fuse panel C -SC20-	-	- Not used	-
21	- Fuse 21 on fuse panel C -SC21-	-	- Not used	-
22	- Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower -V2- , only for vehicles with Climatronic (T6t/4)	30 HNA
23	- Fuse 23 on fuse panel C -SC23-	30A	- Driver door control module -J386- (T20a/20) Front passenger door control module -J387- (T20b/20)	30 HNA
24	- Fuse 24 on fuse panel C -SC24-	20A	- Left rear door control module -J388- (T18b/11) Right rear door control module -J389- (T18c/11) Vehicle electrical system control module -J519-	30a
25	- Fuse 25 on fuse panel C -SC25-	25A	- Rear window defogger relay -J9- (T9n/2) Fresh air blower relay -J13- (3)	30 HNA
26	- Fuse 26 on fuse panel C -SC26-	30A	- Right rear door control module -J389- (T18b/10) Comfort system central control module -J393- (T18c/10)	30 HNA

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
27	- Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump relay -J17- (3) ⁴¹⁾ Fuel pump relay 2 -J49- (32), (12) Fuel pump control module -J538- (T10v/1) ²¹⁾ Fuel primer relay -J643- (3), (12), (32) ¹⁰⁾ Auxiliary fuel pump relay -J832- (3) ⁴⁵⁾	30 HNA
28	- Fuse 28 on ofuse panel C -SC28-	25A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Radio -R- (T16b/15), (T16b/16) Fuse 8 on fuse panel B -SB8-	30a
29	- Fuse 29 on fuse panel C -SC29-	-	- Not used	-
30	- Fuse 30 on fuse panel C -SC30-	20A	- Multifunction transmission range switch -F125- (T10n/10) Transmission Control Module -J217- (T52/28), (T52/27)	15a
31	- Fuse 31 on fuse panel C -SC31-	20A	- Brake system vacuum pump -V192- (T6ab/5) ¹²⁾	15a
32	- Fuse 32 on fuse panel C -SC32-	30A	- Interior socket, 230V, 110V -U11- (T3ba/2)	30 HNA
33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245- (T6c/1)	30 HNA
34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- (T6ah/4) Front passenger seat lumbar support adjustment switch -E177- (T6ai/4)	30 HNA
35	- Fuse 35 on fuse panel C -SC35-	-	- Not used	-
36	- Fuse 36 on fuse panel C -SC36-	20A	- Headlamp washer system relay -J39- (22), (32)	30 HNA
37	- Fuse 37 on fuse panel C -SC37-	30A	- Front seat heating control module -J774- (T8v/6), (T8v/3)	30 HNA
38	- Fuse 38 on fuse panel C -SC38-	-	- Not used	-
39	- Fuse 39 on fuse panel C -SC39-	20A	- Power sunroof control module -J245- (T6c/2)	30 HNA
40	- Fuse 40 on fuse panel C -SC40-	40A	- Auxiliary heater operation relay -J485- (2)	75a
41	- Fuse 41 on fuse panel C -SC41-	20A	- Rear window wiper motor -V12- (T4bv/4)	75a
42	- Fuse 41 on fuse panel C -SC42-	20A	- Blocking diode -J29- (1) Cigarette lighter -U1- (T3g/2) 12V socket -U5- (T3j/2)	75a
43	- Fuse 43 on the fuse panel C -SC43-	15A	- Towing recognition control module -J345- , (T12h/9)	30 HNA
44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345- , (T12h/11)	30 HNA
45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345- , (T12h/12)	30 HNA
46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-
47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T20d/19) Fuse 6 on fuse panel B -SB6-	30a
48	- Fuse 48 on fuse panel C -SC48-	10A	- Cell phone operating electronics control module -J412- (T54/1) Vehicle location recognition control module -J603- (T8h/1)	30a
49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
³⁾ Engine codes BSE, BSF, CAVD and CCSA ¹⁰⁾ Engine code CGGA ¹²⁾ Engine codes BSE, BSF and CCSA ²¹⁾ Engine codes CAVD, CAXA and CCZA ³⁷⁾ Engine codes CBDA, CBDB, CCZA and CJAA ³⁸⁾ Engine codes BSE, BSF, CAYB, CAYC and CCSA ³⁹⁾ Engine codes BSE, BSF, CCSA and CGGA ⁴⁰⁾ Engine codes CAVD, CAXA, CAYB, CAYC, CCZA, CBDA, CBDB and CEGA ⁴¹⁾ Engine codes BSE, BSF, BXE, CAYB, CAYC, CBDA, CBDB, CCSA, CEGA and CGGA ⁴⁵⁾ Engine codes CBDA, CBDB and CEGA				

1.8 Fuse (SC), MY 2011

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

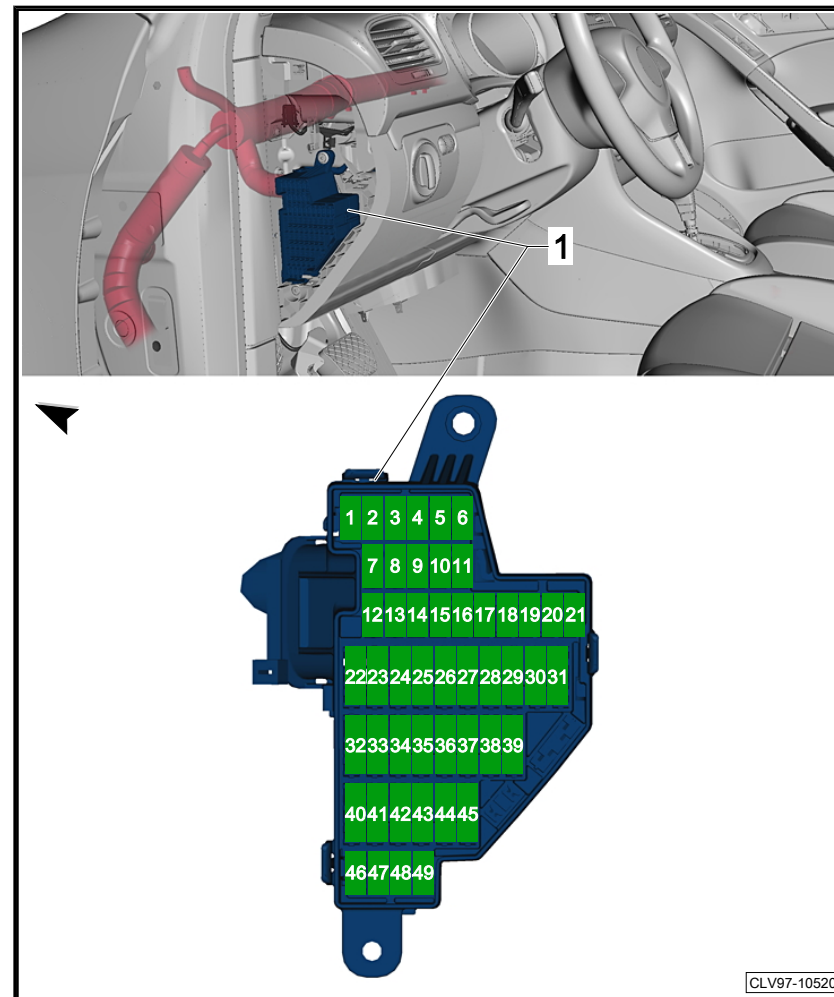
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel C -SC1-	10A	- Instrument panel and switch illumination dimmer switch -E20- (T 8e/1) Intake air temperature sensor -G42- (T5d/5) Mass airflow sensor -G70- (T5d/3) ¹⁵⁾ , (T5d/5) ³⁰⁾ Fresh air blower relay -J13- (1) Headlamp range control module -J431- (T26c/23) Positive crankcase ventilation heating element -N79- (1) ⁴²⁾ 16-pin connector -T16- under the instrument panel on the left side, unter Schalttafel links, diagnostic connection (T16/1) Left headlamp beam adjustment motor -V48- (T10i/1) Right headlamp beam adjustment motor -V49- (T10j/1)	15a
2	- Fuse 2 on fuse panel C -SC2-	10A	- Light switch -E1- (T10h/4) Selector lever -E313- (T10s/9) Brake light switch -F- (T4y/4) Fuel pump relay -J17- (1) ⁴³⁾ ABS control module -J104- (T47/8), (T26a/20) Instrument cluster control module -J285- (T32c/31) Simos control module power supply relay -J363- (T40/7) ¹²⁾ All wheel drive control module -J492- (T6bl/1) Power steering control module -J500- (T3ao/3) Data bus on board diagnostic interface -J533- (T20/14) Fuel pump control module -J538- (T10v/3) ²⁰⁾ Selector lever sensor system control module -J587- (T10s/9) Engine control module -J623- (T81/4) ¹⁰⁾ , (T94/87) ²⁵⁾ , (T121/62) ¹²⁾ Terminal 50 power supply relay -J682- (T9b/4) DSG transmission Mechatronic -J743- (T20e/13), DSG transmission 02E (T25/10) ⁵⁾ Starter relay -J907- (T6d/2) Interior socket, 230V, 110V -U11- (T3ba/3)	15a
3	- Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234- (T50/1), (T50/26), (T75/1), (T75/26) Front passenger airbag -disabled- indicator lamp -K145- (T4ag/1)	15a
4	- Fuse 4 (on fuse panel C) -SC4-	5A	- Anti-clip control switch -E132- (T6ad/4) ASR/ESP button -E256- (T6ad/4) Tire pressure monitoring display button -E492- (T6an/4) Start/Stop mode button -E693- (2), (4) Back-up lamp switch -F4- (1) High pressure sensor -G65- (T3c/3) Air quality sensor -G238- (T3an/1) Oil level thermal sensor -G266- (1) Climatronic control module -J255- (T20c/16), (T20c/19) Parking Aid Control Module -J446- (T16m/1) Passenger occupant detection system control module -J706- (T18e/9) Parallel parking assistance control module -J791- (T16m/1) Coolant fan -V7- (T8p/1)	15a
5	- Fuse 5 on fuse panel C -SC5-	10A	- Right HID headlamp control module -J344- (T14d/4)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
6	- Fuse 6 on fuse panel C -SC6-	10A	- Left HID headlamp control module -J343- (T14c/4)	15a
7	- Fuse 7 (on fuse panel C) -SC7-	-	- Not used	-
8	- Fuse 8 on fuse panel C -SC8-	-	- Not used	-
9	- Fuse 9 on fuse panel C -SC9-	-	- Not used	-
10	- Fuse 10 on fuse panel C -SC10-	-	- Not used	-
11	- Fuse 11 on fuse panel C -SC11-	-	- Not used	-
12	- Fuse 12 (on fuse panel C) -SC12-	10A	- Driver door control module -J386- (T20a/18) Front passenger door control module -J387- (T20b/18)	30 HNA
13	- Fuse 13 on fuse panel C -SC13-	10A	- Light switch -E1- (T10h/8) Rain/light recognition sensor -G397- (T3ae/1) Rear window defogger relay -J9- (T9n/4) Vehicle location recognition control module -J603- (T8h/1) 16-pin connector -T16- under the instrument panel on the left side, diagnostic connection (T16/16)	30 HNA
14	- Fuse 14 on fuse panel C -SC14-	10A	- Selector lever -E313- (T10s/10) Transmission Control Module -J217- (T52/3) Climatronic control module -J255- (T20c/18), (T20c/19), (T20c/20) A/C control module -J301- (T 20c/19) Selector lever sensor system control module -J587- (T10s/10) Auxiliary engine coolant heater radio frequency receiver -R149- (T6j/1)	30a
15	- Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module -J519- (T52b/1)	30a
16	- Fuse 16 on fuse panel C -SC16-	10A	- Rearview camera -R189- (1)	30a
17	- Fuse 17 on fuse panel C -SC17-	10A	- Interior monitoring sensor -G273- (T3ad/1) Alarm horn -H12- (T3f/3) Dual tone horn relay -J4- (1) Vehicle electrical system control module -J519- (T52c/1)	30 HNA
18	- Fuse 18 on fuse panel C -SC18-	-	- Not used	-
19	- Fuse 19 on fuse panel C -SC19-	-	- Not used	-
20	- Fuse 20 on fuse panel C -SC20-	-	- Not used	-
21	- Fuse 21 on fuse panel C -SC21-	-	- Not used	-
22	- Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower -V2- , only for vehicles with Climatronic (T6t/4)	30 HNA
23	- Fuse 23 on fuse panel C -SC23-	30A	- Driver door control module -J386- (T20a/20) Front passenger door control module -J387- (T20b/20)	30 HNA
24	- Fuse 24 on fuse panel C -SC24-	20A	- Vehicle electrical system control module -J519- (T52b/42) Driver side rear door control module -J926- (T18b/11) Front passenger side rear door control module -J927- (T18c/11)	30a
25	- Fuse 25 on fuse panel C -SC25-	25A	- Rear window defogger relay -J9- (T9n/2) Auxiliary heater operation relay -J485- (3)	30 HNA

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
26	- Fuse 26 on fuse panel C -SC26-	30A	- Driver side rear door control module -J926- (T18b/10) Front passenger side rear door control module -J927- (T18c/10)	30 HNA
27	- Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump relay -J17- (3) ⁴⁴⁾ Fuel pump relay 2 -J49- (3B), (1B) ⁴²⁾ Fuel pump control module -J538- (T10v/1) ²⁰⁾ Fuel primer relay -J643- (1B), (3B) ²⁷⁾ , (3), (12), (32) ¹⁰⁾ Auxiliary fuel pump relay -J832- (3A) ³⁰⁾	30 HNA
28	- Fuse 28 on ofuse panel C -SC28-	25A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Radio -R- (T16b/15), (T16b/16) Fuse 8 on fuse panel B -SB8-	30a
29	- Fuse 29 on fuse panel C -SC29-	-	- Driver power seat adjustment circuit breaker -S44- Fuse 36 on fuse panel C -SC36-	-
30	- Fuse 30 on fuse panel C -SC30-	20A	- Multifunction transmission range switch -F125- (T10n/10) Transmission Control Module -J217- (T52/28), (T52/27)	15a
31	- Fuse 31 on fuse panel C -SC31-	20A	- Brake system vacuum pump -V192- (T6ab/5) ¹²⁾	15a
32	- Fuse 32 on fuse panel C -SC32-	30A	- Interior socket, 230V, 110V -U11- (T3ba/2)	30 HNA
33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245- (T6c/1)	30 HNA
34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- (T6ah/4) Front passenger seat lumbar support adjustment switch -E177- (T6ai/4)	30 HNA
35	- Fuse 35 on fuse panel C -SC35-	-	- Not used	-
36	- Fuse 36 on fuse panel C -SC36-	20A	- Headlamp washer relay -J39- (2B), (3B)	30 HNA
37	- Fuse 37 on fuse panel C -SC37-	30A	- Front seat heating control module -J774- (T8v/6), (T8v/3)	30 HNA
38	- Fuse 38 on fuse panel C -SC38-	-	- Not used	-
39	- Fuse 39 on fuse panel C -SC39-	20A	- Power sunroof control module -J245- (T6c/2) Roof shade control module -J394- (T6c/2)	30 HNA
40	- Fuse 40 on fuse panel C -SC40-	40A	- Fresh air blower relay -J13- (3) A/C control module -J301- (T5/5)	75a
41	- Fuse 41 on fuse panel C -SC41-	20A	- Rear window wiper motor -V12- (T4bv/4)	75a
42	- Fuse 41 on fuse panel C -SC42-	20A	- Blocking diode -J29- (1) Cigarette lighter -U1- (T3g/2) 12V socket -U5- (T3j/2)	75a
43	- Fuse 43 on the fuse panel C -SC43-	15A	- Towing recognition control module -J345- , (T12h/9)	30 HNA
44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345- , (T12h/11)	30 HNA
45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345- , (T12h/12)	30 HNA
46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T20d/19) Fuse 6 on fuse panel B -SB6-	30a
48	- Fuse 48 on fuse panel C -SC48-	10A	- Cell phone operating electronics control module -J412- (T54/1) Vehicle location recognition control module -J603- (T8h/1) Telephone transceiver -R36- (T54/1) ⁴⁶⁾	30STAB
49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

⁵⁾Direct Shift Gearbox 0AM (DSG)

¹⁰⁾Engine code CGGA

¹²⁾Engine codes BSE, BSF and CCSA

¹⁵⁾Engine code CAVD

²⁰⁾Engine codes CAVD, CAXA, CBZA, CBZB and CCZA

²⁵⁾Engine codes CAVD, CAXA, CAYB, CAYC, CBTA, CBUA, CCCA, CFHB, CFHC, CJAA and CLCA

²⁷⁾Engine codes CBUA, CBTA, CCCA and CCZA

³⁰⁾Engine codes CFHB, CFHC, CJAA and CLCA

³⁹⁾Engine codes BSE, BSF, CCSA and CGGA

⁴²⁾Engine codes BSE, BSF, CAYB, CAYC, CCSA, CFHA, CFHB, CFHC and CJAA

⁴³⁾Engine codes BSE, BSF, CBTA, CBUA, CCCA, CCSA and CGGA

⁴⁴⁾Engine codes BSE, BSF, CAYB, CAYC, CBTA, CBUA, CCCA, CCSA, CFHB, CFHC, CJAA, CGGA and CLCA

⁴⁶⁾Engine codes CAYB, CAYC, CBZA and CBZB

1.9 Fuse (SC), MY 2012

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

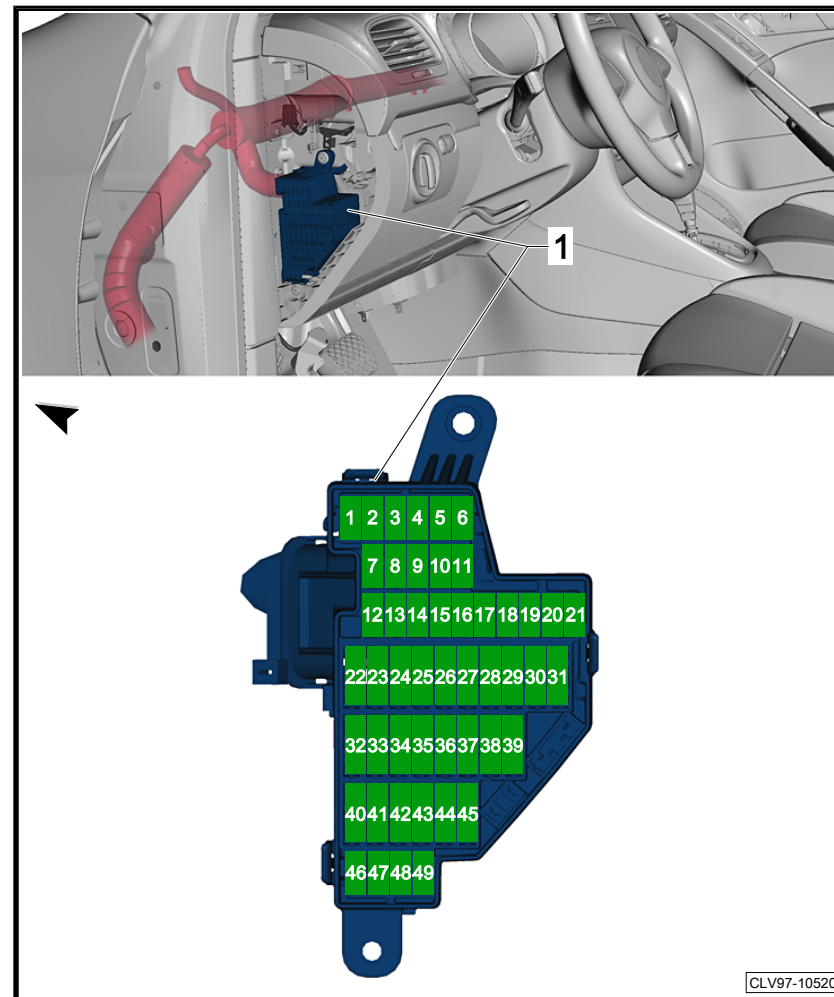
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel C -SC1-	10A	- Instrument panel and switch illumination dimmer switch -E20- (T 8e/1) Mass airflow sensor -G70- (T3ar/2) ²⁾ , (T5d/3) ⁴⁸⁾ , (T5d/5) ³⁰⁾ Headlamp range control module -J431- (T26c/23) Auxiliary heater operation relay -J485- (T9o/1) Positive crankcase ventilation heating element -N79- (1) ⁴²⁾ 16-pin connector -T16- under the instrument panel on the left side, unter Schalttafel links, diagnostic connection (T16/1) Left headlamp beam adjustment motor -V48- (T10i/1) Right headlamp beam adjustment motor -V49- (T10j/1)	15a
2	- Fuse 2 on fuse panel C -SC2-	10A	- Light switch -E1- (T10h/4) Selector lever -E313- (T10s/9) Brake light switch -F- (T4y/4) Fuel pump relay -J17- (1) ³⁹⁾ ABS control module -J104- (T47/8), (T26a/20) Instrument cluster control module -J285- (T32c/31) Towing recognition control module -J345- , (T12h/2) Simos control module power supply relay -J363- (T40/7) ¹²⁾ Power steering control module -J500- (T3ao/3) Voltage stabilizer -J532- (T12z/3) Data bus on board diagnostic interface -J533- (T20/14) Fuel pump control module -J538- (T10v/3) ²⁰⁾ Selector lever sensor system control module -J587- (T10s/9) Engine control module -J623- (T80/4) ¹⁰⁾ , (T94/87) ²⁵⁾ , (T121/62) ¹²⁾ Terminal 50 power supply relay -J682- (T9b/1) DSG transmission Mechatronic -J743- (T20e/13) ⁴⁾ , (T25/10) ⁵⁾ Interface control unit for vehicle location system -J843- (T20/1) Starter relay 2 -J907- (T6d/2), (T7c/2) Interior socket, 230V, 110V -U11- (T3ba/3)	15a
3	- Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234- (T50/1), (T50/26), (T75/1), (T75/26) Front passenger airbag -disabled- indicator lamp -K145- (T4ag/1)	15a
4	- Fuse 4 (on fuse panel C) -SC4-	5A	- Anti-clip control switch -E132- (T6ad/4) ASR/ESP button -E256- (T6ad/4) Tire pressure monitoring display button -E492- (T6an/4) Start/Stop mode button -E693- (2), (4) Back-up lamp switch -F4- (1) High pressure sensor -G65- (T3c/3) Oil level thermal sensor -G266- (1) Climatronic control module -J255- (T20c/16), (T20c/19) Parking Aid Control Module -J446- (T16m/1) Passenger occupant detection system control module -J706- (T18e/9) Parallel parking assistance control module -J791- (T16m/1) Coolant fan -V7- (T8p/1)	15a
5	- Fuse 5 on fuse panel C -SC5-	10A	- Right HID headlamp control module -J344- (T14d/4)	15a
6	- Fuse 6 on fuse panel C -SC6-	10A	- Left HID headlamp control module -J343- (T14c/4)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
7	- Fuse 7 (on fuse panel C) -SC7-	-	- Not used	-
8	- Fuse 8 on fuse panel C -SC8-	-	- Not used	-
9	- Fuse 9 on fuse panel C -SC9-	-	- Not used	-
10	- Fuse 10 on fuse panel C -SC10-	-	- Not used	-
11	- Fuse 11 on fuse panel C -SC11-	-	- Not used	-
12	- Fuse 12 (on fuse panel C) -SC12-	-	- Not used	-
13	- Fuse 13 on fuse panel C -SC13-	10A	- Light switch -E1- (T10h/8) Rain/light recognition sensor -G397- (T3ae/1) Rear window defogger relay -J9- (T9n/1) Vehicle location recognition control module -J603- (T8h/1) 16-pin connector -T16- under the instrument panel on the left side, diagnostic connection (T16/16)	30 HNA
14	- Fuse 14 on fuse panel C -SC14-	10A	- Transmission Control Module -J217- (T52/3) Climatronic control module -J255- (T20c/18), (T20c/19), (T20c/20) Selector lever sensor system control module -J587- (T10s/10) Interface control unit for vehicle location system -J843- (T20/2) Auxiliary engine coolant heater radio frequency receiver -R149- (T6j/1)	30a
15	- Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module -J519- (T52b/1)	30a
16	- Fuse 16 on fuse panel C -SC16-	10A	- Rearview camera -R189- (1)	30a
17	- Fuse 17 on fuse panel C -SC17-	10A	- Interior monitoring sensor -G273- (T3ad/1) Alarm horn -H12- (T3f/3) Dual tone horn relay -J4- (1) Vehicle electrical system control module -J519- (T52c/1)	30 HNA
18	- Fuse 18 on fuse panel C -SC18-	-	- Not used	-
19	- Fuse 19 on fuse panel C -SC19-	-	- Not used	-
20	- Fuse 20 on fuse panel C -SC20-	10A	- Access/start authorization control module -J518- (T32d/3)	30a
21	- Fuse 21on fuse panel C -SC21-	10A	- Electronic steering column lock control module -J764- (T16s/2)	30a
22	- Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower -V2- , only for vehicles with Climatronic (T6t/4)	30 HNA
23	- Fuse 23 on fuse panel C -SC23-	30A	- Driver door control module -J386- (T20a/20) Front passenger door control module -J387- (T20b/20)	30 HNA
24	- Fuse 24 on fuse panel C -SC24-	20A	- Vehicle electrical system control module -J519- (T52b/42)	30a
25	- Fuse 25 on fuse panel C -SC25-	25A	- Rear window defogger relay -J9- (T9n/2)	30 HNA
26	- Fuse 26 on fuse panel C -SC26-	30A	- Driver side rear door control module -J926- (T18b/10) Front passenger side rear door control module -J927- (T18c/10)	30 HNA

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
27	- Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump relay -J17- (3) ⁴⁴ Fuel pump relay 2 -J49- (3B), (1B) ⁴² Fuel pump control module -J538- (T10v/1) ²⁰ Fuel primer relay -J643- (1B), (3B) ²⁷ , (3), (12), (32) ¹⁰ Auxiliary fuel pump relay -J832- (3A) ³⁰	30 HNA
28	- Fuse 28 on ofuse panel C -SC28-	25A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Radio -R- (T16b/15), (T16b/16) Fuse 8 on fuse panel B -SB8-	30a
29	- Fuse 29 on fuse panel C -SC29-	-	- Not used	-
30	- Fuse 30 on fuse panel C -SC30-	20A	- Multifunction transmission range switch -F125- (T10n/10) Transmission Control Module -J217- (T52/28), (T52/27)	15a
31	- Fuse 31 on fuse panel C -SC31-	-	- Not used	-
32	- Fuse 32 on fuse panel C -SC32-	30A	- Interior socket, 230V, 110V -U11- (T3ba/2)	30 HNA
33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245- (T6c/1)	30 HNA
34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- (T6ah/4) Front passenger seat lumbar support adjustment switch -E177- (T6ai/4)	30 HNA
35	- Fuse 35 on fuse panel C -SC35-	-	- Not used	-
36	- Fuse 36 on fuse panel C -SC36-	20A	- Headlamp washer relay -J39- (2B), (3B)	30a
37	- Fuse 37 on fuse panel C -SC37-	30A	- Front seat heating control module -J774- (T8v/6), (T8v/3)	30 HNA
38	- Fuse 38 on fuse panel C -SC38-	-	- Not used	-
39	- Fuse 39 on fuse panel C -SC39-	20A	- Power sunroof control module -J245- (T6c/2)	30 HNA
40	- Fuse 40 on fuse panel C -SC40-	40A	- A/C control module -J301- (T5/5) Auxiliary heater operation relay -J485- (T9o/3)	75a
41	- Fuse 41 on fuse panel C -SC41-	20A	- Rear window wiper motor -V12- (T4bv/4)	75a
42	- Fuse 41 on fuse panel C -SC42-	20A	- Blocking diode -J29- (1) Cigarette lighter -U1- (T3g/2) 12V socket -U5- (T3j/2)	75a
43	- Fuse 43 on the fuse panel C -SC43-	15A	- Towing recognition control module -J345- , (T12h/9)	30 HNA
44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345- , (T12h/11)	30 HNA
45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345- , (T12h/12)	30 HNA
46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-
47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T20d/19) Fuse 6 on fuse panel B -SB6-	30a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
48	- Fuse 48 on fuse panel C -SC48-	10A	- Cell phone operating electronics control module -J412- (T54/1) Vehicle location recognition control module -J603- (T8h/1) Telephone transceiver -R36- (T54/1) ⁴⁶⁾	30STAB
49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-
²⁾ Engine codes CAYB and CAYC ⁴⁾ DSG transmission 02E (DSG) ⁵⁾ DSG transmission 0AM (DSG) ¹⁰⁾ Engine code CGGA ¹²⁾ Engine codes BSE, BSF and CCSA ²⁰⁾ Engine codes CAVD, CAXA, CBZA, CBZB and CCZA ²⁵⁾ Engine codes CAVD, CAXA, CAYB, CAYC, CBTA, CBUA, CCCA, CFHB, CFHC, CJAA and CLCA ²⁷⁾ Engine codes CBUA, CBTA, CCCA and CCZA ³⁰⁾ Engine codes CFHB, CFHC, CJAA and CLCA ³⁹⁾ Engine codes BSE, BSF, CCSA and CGGA ⁴²⁾ Engine codes BSE, BSF, CAYB, CAYC, CCSA, CFHB, CFHC, CJAA and CLCA ⁴⁴⁾ Engine codes BSE, BSF, CAYB, CAYC, CBTA, CBUA, CCCA, CCSA, CFHB, CFHC, CJAA, CGGA and CLCA ⁴⁶⁾ Engine codes CAYB, CAYC, CBZA and CBZB ⁴⁸⁾ Engine codes CAVD and CCZA				

1.10 Fuse (SC), MY 2013

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

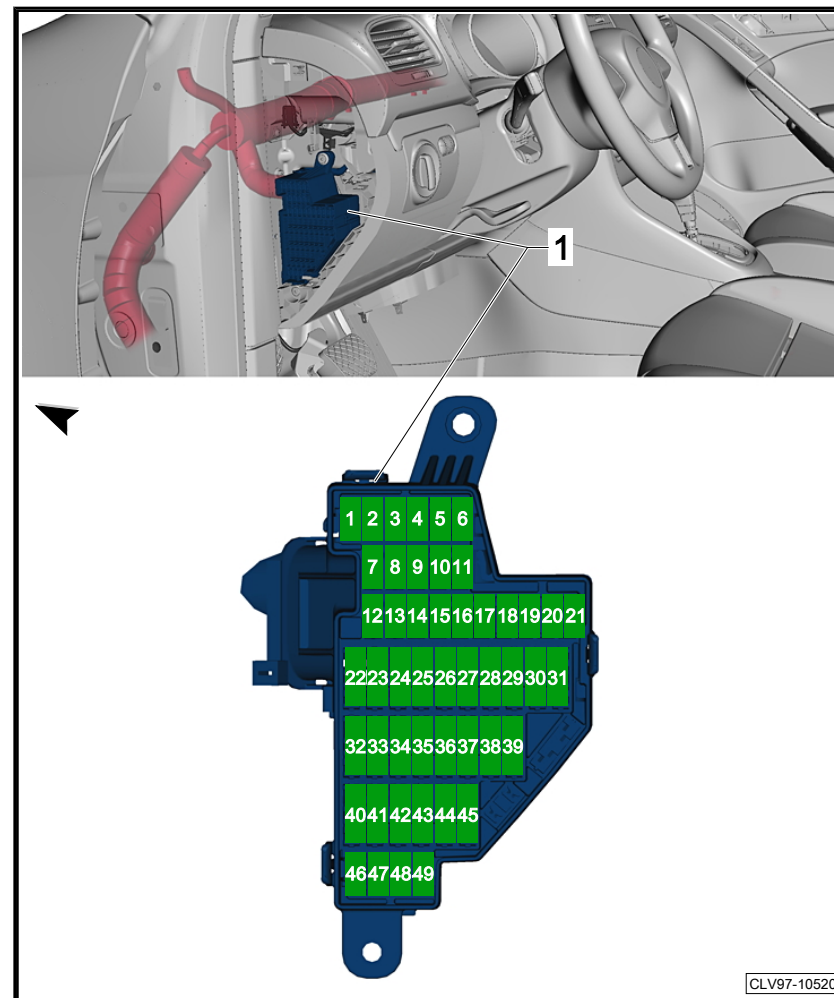
15 A - blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel C -SC1-	10A	Instrument panel and switch illumination dimmer switch -E20- (T 8e/1) Mass airflow sensor -G70- (T3ar/2) ¹⁷⁾ , (T5d/3) ¹⁾ , (T5d/5) ¹⁵⁾ Headlamp range control module -J431- (T26c/23) Auxiliary heater operation relay -J485- (T9o/1) Positive crankcase ventilation heating element -N79- (1) ²⁴⁾	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			16-pin connector -T16- (T16/1), diagnostic connection Left headlamp beam adjustment motor -V48- (T10i/1) Right headlamp beam adjustment motor -V49- (T10j/1)	
2	- Fuse 2 on fuse panel C -SC2-	10A	Light switch -E1- (T10h/4) Selector lever -E313- (T10s/9) Fuel pump relay -J17- (1) ²⁵⁾ ABS control module -J104- (T47/8), (T26a/20) Instrument cluster control module -J285- (T32c/31) Towing recognition control module -J345- , (T12h/2) Simos control module power supply relay -J363- (T40/7) ⁶⁾ Power steering control module -J500- (T3ao/3) All wheel drive control module -J492- (T6bt/1) Voltage stabilizer -J532- (T12z/3) Data bus on board diagnostic interface -J533- (T20/14) Fuel pump control module -J538- (T10v/3) ²⁵⁾ Selector lever sensor system control module -J587- (T10s/9) Engine control module -J623- (T80/4) ⁵⁾ (T94/87) ²⁷⁾ (T121/62) ⁶⁾ Terminal 50 power supply relay -J682- (T9b/1) DSG transmission Mechatronic -J743- (T20e/13) ²⁾ , (T25/10) ³⁾ Vehicle positioning system control module -J895- (T20k/1) Starter relay -J907- (T7c/2) Interior socket, 230V, 110V -U11- (T3ba/3)	15a
3	- Fuse3 on fuse panel C -SC3-	5A	Airbag control module -J234- (T50/1), (T50/26), (T75/1), (T75/26) Front passenger airbag -disabled- indicator lamp -K145- (T4ag/1)	15a
4	- Fuse 4 (on fuse panel C) -SC4-	5A	Start/Stop System main switch -E101- (T6bx/2), (T6bx/4) Anti-clip control switch -E132- (T6ad/4) ASR/ESP button -E256- (T6ad/4) Tire pressure monitoring display button -E492- (T6an/4) Back-up lamp switch -F4- (1) High pressure sensor -G65- (T3c/3) Air quality sensor -G238- (T3an/1) Oil level thermal sensor -G266- (1) Climatronic control module -J255- (T20c/16), (T20c/19)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Parking Aid Control Module -J446- (T16m/1) Passenger occupant detection system control module -J706- (T18e/9) Parallel parking assistance control module -J791- (T16m/1) Automatic dimming interior rearview mirror -Y7- (T6am/1), (T8p/1)	
5	- Fuse 5 on fuse panel C -SC5-	10A	- Right HID headlamp control module -J344- (T14d/4)	15a
6	- Fuse 6 on fuse panel C -SC6-	10A	- Left HID headlamp control module -J343- (T14c/4)	15a
7	- Fuse 7 (on fuse panel C) -SC7-	-	- Not used	-
8	- Fuse 8 on fuse panel C -SC8-	-	- Not used	-
9	- Fuse 9 on fuse panel C -SC9-	-	- Not used	-
10	- Fuse 10 on fuse panel C -SC10-	-	- Not used	-
11	- Fuse 11 on fuse panel C -SC11-	-	- Not used	-
12	- Fuse 12 (on fuse panel C) -SC12-	-	- Not used	-
13	- Fuse 13 on fuse panel C -SC13-	10A	Light switch -E1- (T10h/8) Rain/light recognition sensor -G397- (T3ae/1) Rear window defogger relay -J9- (T9n/1) Vehicle location recognition control module -J603- (T8h/1) 16-pin connector -T16- under the instrument panel on the left side, diagnostic connection (T16/16)	30
14	- Fuse 14 on fuse panel C -SC14-	10A	Heater/heat output switch -E16- (T20c/18) Transmission Control Module -J217- (T52/3) Climatronic control unit -J255- (T20c/20) A/C control module -J301- (T 20c/19) Selector lever sensor system control module -J587- (T10s/10) Vehicle positioning system control module -J895- (T20k/2) Auxiliary engine coolant heater radio frequency receiver -R149- (T6j/1)	30a
15	- Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module -J519- (T52b/1)	30a
16	- Fuse 16 on fuse panel C -SC16-	10A	- Rearview camera -R189- (T4bj/1)	30a
17	- Fuse 17 on fuse panel C -SC17-	10A	Interior monitoring sensor -G273- (T3ad/1) Alarm horn -H12- (T3f/3) Dual tone horn relay -J4- (1A) Vehicle electrical system control module -J519- (T52c/1)	30
18	- Fuse 18 on fuse panel C -SC18-	-	- Not used	-
19	- Fuse 19 on fuse panel C -SC19-	-	- Not used	-

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
20	- Fuse 20 on fuse panel C -SC20-	10A	- Access/start authorization control module -J518- (T32d/3)	30a
21	- Fuse 21 on fuse panel C -SC21-	10A	- Electronic steering column lock control module -J764- (T16s/2)	30a
22	- Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower -V2- (T6t/4) ³¹⁾	30
23	- Fuse 23 on fuse panel C -SC23-	30A	- Driver door control module -J386- (T20a/20) Front passenger door control module -J387- (T20b/20)	30
24	- Fuse 24 on fuse panel C -SC24-	20A	- Vehicle electrical system control module -J519- (T52b/42)	30a
25	- Fuse 25 on fuse panel C -SC25-	25A	- Rear window defogger relay -J9- (T9n/2) Fresh air blower relay -J13- (449)	30
26	- Fuse 26 on fuse panel C -SC26-	30A	- Driver side rear door control module -J926- (T18b/10) Front passenger side rear door control module -J927- (T18c/10)	30
27	- Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump relay -J17- (3A) ²⁸⁾ Fuel pump relay 2 -J49- (3B) ¹²⁾ , (1B) ¹²⁾ Fuel pump control module -J538- (T10v/1) ²⁶⁾ Fuel primer relay -J643- (1B) ²⁹⁾ (3B) ²⁹⁾ Auxiliary fuel pump relay -J832- (3) ¹²⁾	30
28	- Fuse 28 on ofuse panel C -SC28-	25A	- Radio/navigation display unit control module -J503- (T16b/15), (T16b/16) Radio -R- (T16b/15), (T16b/16)	30a
29	- Fuse 29 on fuse panel C -SC29-	-	- Not used	-
30	- Fuse 30 on fuse panel C -SC30-	20A	- Multifunction transmission range switch -F125- (T10n/10) Transmission Control Module -J217- (T52/28), (T52/27)	15a
31	- Fuse 31 on fuse panel C -SC31-	-	- Not used	-
32	- Fuse 32 on fuse panel C -SC32-	30A	- Interior socket, 230V, 110V -U11- (T3ba/2)	30
33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245- (T6c/1)	30
34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- (T6ah/4) Front passenger seat lumbar support adjustment switch -E177- (T6ai/4)	30
35	- Fuse 35 on fuse panel C -SC35-	-	- Not used	-
36	- Fuse 36 on fuse panel C -SC36-	20A	- Headlamp washer relay -J39- (2B), (3B)	30a
37	- Fuse 37 on fuse panel C -SC37-	30A	- Front seat heating control module -J774- (T8v/6), (T8v/3)	30
38	- Fuse 38 on fuse panel C -SC38-	-	- Not used	-
39	- Fuse 39 on fuse panel C -SC39-	20A	- Power sunroof control module -J245- (T6c/2)	30
40	- Fuse 40 on fuse panel C -SC40-	40A	- A/C control module -J301- (T5/5) Auxiliary heater operation relay -J485- (T9o/3)	75a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
41	- Fuse 41 on fuse panel C -SC41-	20A	- Rear window wiper motor -V12- (T4bv/4)	75a
42	- Fuse 41 on fuse panel C -SC42-	20A	- Blocking diode -J29- (1) Cigarette lighter -U1- (T3g/2), (T3j/2) 12 V socket -U5-	75a
43	- Fuse 43 on the fuse panel C -SC43-	15A	- Towing recognition control module -J345- , (T12h/9)	30
44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345- , (T12h/11)	30
45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345- , (T12h/12)	30
46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-
47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- (T32c/32) Steering column electronics control module -J527- (T16p/1)	30a
48	- Fuse 48 on fuse panel C -SC48-	10A	- Cell phone operating electronics control module -J412- (T54/1) Vehicle location recognition control module -J603- (T8h/1) Telephone transceiver -R36- (T54/1) ³⁰⁾	30
49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

1)Engine code CCZA

15)Engine codes BSE, BSF, CAVD, CAXA, CCSA, CCZA and CGGA

17)Engine codes CAYB and CAYC

24)Engine codes BSE, BSF, CAYB, CAYC, CCSA, CFHB, CFHC, CJAA and CLCA

25)Engine codes BSE, BSF, CCSA and CGGA

26)Engine codes CAVD, CAXA, CBZA, CBZB and CCZA

27)Engine codes CAVD, CAXA, CAYB, CAYC, CBTA, CBUA, CCCA, CFHB, CFHC, CJAA and CLCA

28)Engine codes BSE, BSF, CAYB, CAYC, CBTA, CBUA, CCCA, CCSA, CFHB, CFHC, CJAA, CGGA and CLCA

29)Engine codes CGGA, BSE, BSF, CCSA, CAYB and CAYC

30)Engine codes CAYB, CAYC, CBZA and CBZB

31)only for vehicles with Climatronic

1.11 Circuit breaker, from July 2010

A - Driver power seat adjustment circuit breaker 1 -S44- 30A

