

1 Comp. Loc. Fuses

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1.1 Fuse panel A -SA-

- ◆ ⇒ [F1.1.1 use panel ASA, from July 2009", page 1](#)

1.1.1 Fuse panel A -SA-, from July 2009

1 - Fuse panel A -SA-

SA1 - Fuse 1 on fuse panel A -SA1-

SA2 - Fuse 2 on fuse panel A -SA2-

SA3 - Fuse 3 on fuse panel A -SA3-

SA4 - Fuse 4 on fuse panel A -SA4-

SA5 - Fuse 5 on fuse panel A -SA5-

SA6 - Fuse 6 on fuse panel A -SA6-

SA7 - Fuse 7 on fuse panel A -SA7-

Tightening specifications:

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

Fuse Colors

200 A - purple

150 A - gray

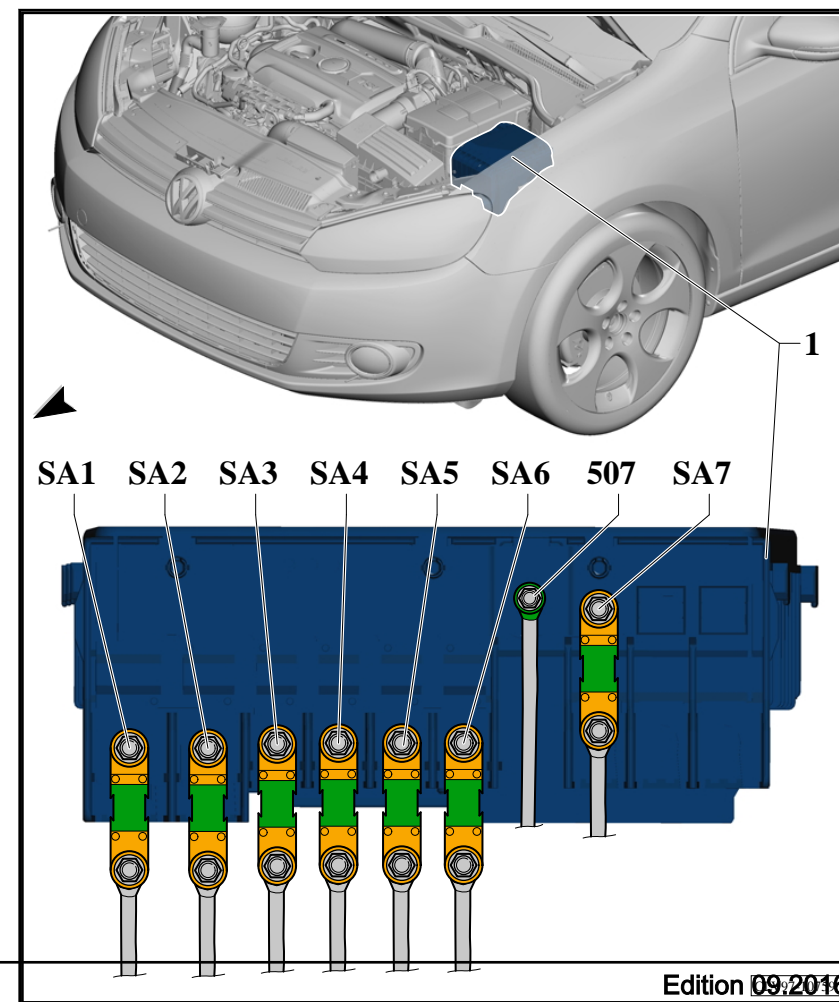
125 A - pink

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) Electromechanical power steering motor -V187-	30 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

1.2

Fuse panel B -SB-

- ◆ ⇒ [F1.2.1 use panel BSB, MY 2010", page 3](#)
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1.2.1 Fuse panel B -SB-, MY 2010

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

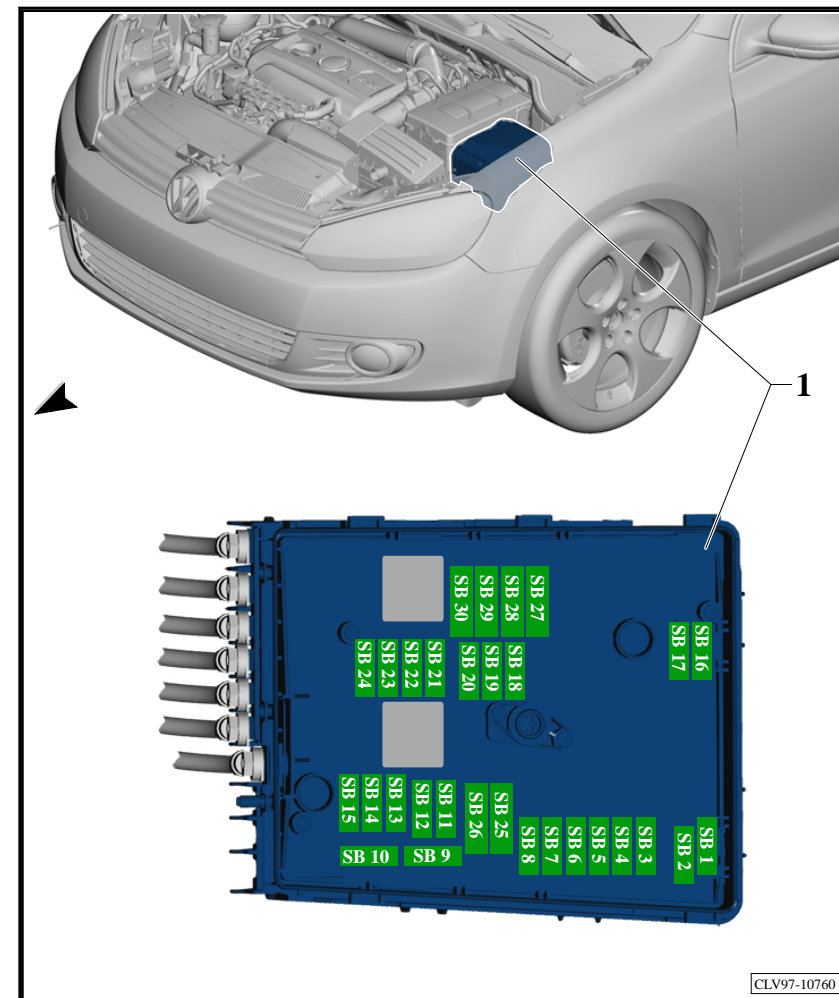
15 A - blue

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

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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
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

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

1.2.2 Fuse panel B -SB-, MY 2011

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

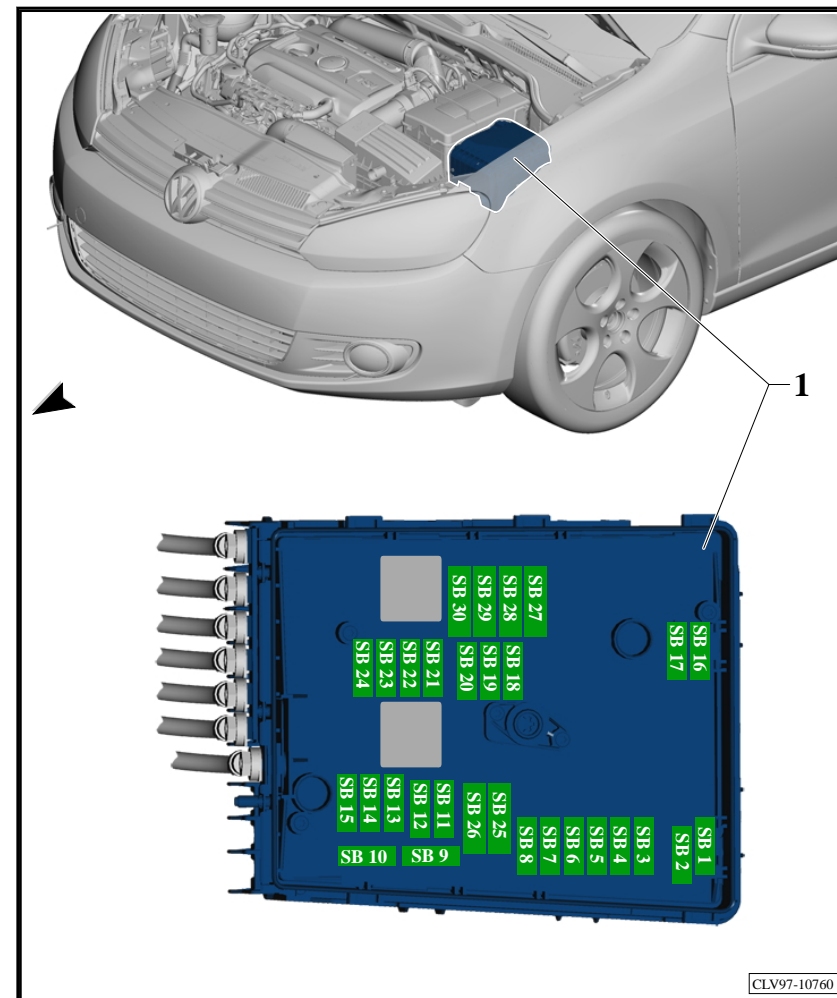
15 A - blue

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

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

1.2.3 Fuse panel B -SB-, MY 2012

1 - Fuse panel B -SB-

Fuse Colors

30 A - green

25 A - white

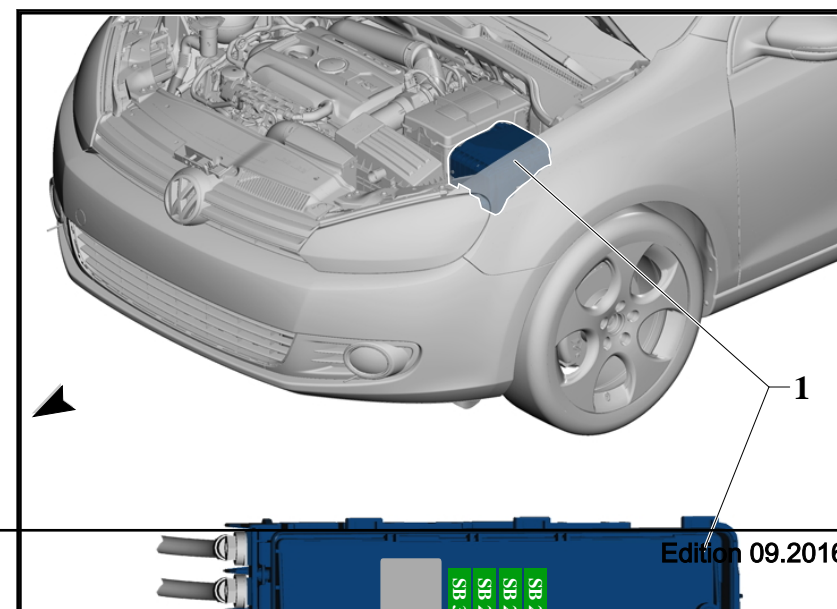
20 A - yellow

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
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

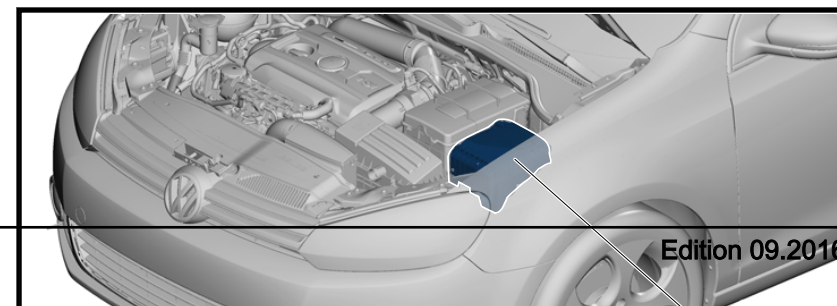
- 10) Engine code CGGA
- 12) Engine codes BSE, BSF and CCSA
- 14) Engine codes CAVD and CAXA
- 15) Engine code CAVD
- 16) Engine code CAXA
- 19) Engine codes BSE, BSF, CBTA, CBUA, CCSA and CGGA
- 20) Engine codes CAVD, CAXA, CBZA, CBZB and CCZA
- 21) Engine codes CAVD, CAXA and CCZA
- 23) Engine codes 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

1.2.4 Fuse panel B -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
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
			Ignition coil 1 with power output stage -N70- (T4af/1) ⁸⁾ , (3) ⁹⁾	

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F14	Fuse 14 on fuse panel B -SB14-	20A 15A ²⁰⁾	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⁾ 10A	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⁾ 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⁾	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-	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⁾	87a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Brake system vacuum pump -V192- (T4by/3) ¹⁸⁾	
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
F24	- Fuse 24 (on fuse panel B) -SB24-	10A	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⁾ - 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-	30a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Fuse 39 on fuse panel C -SC39-	
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

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

1.3 Fuse panel C -SC-

◆ [⇒ F1.3.1 use panel CSC, MY 2010", page 22](#)

◆ [⇒ F1.3.2 use panel CSC, MY 2011 ", page 27](#)

◆ [⇒ F1.3.3 use panel CSC, MY 2012", page 32](#)

◆ [⇒ F1.3.4 use panel CSC, MY 2013", page 36](#)

1.3.1 Fuse panel C -SC-, MY 2010

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

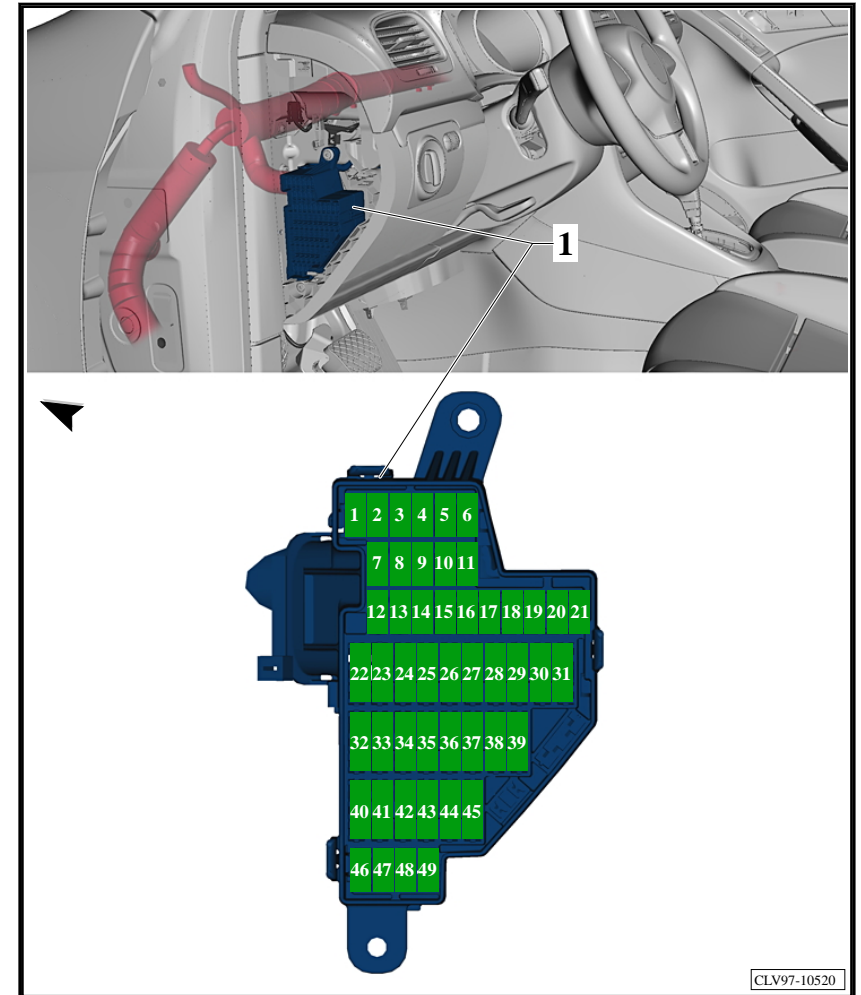
15 A - blue

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) Automatic dimming interior rearview mirror -Y7- (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 42 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

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

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

1.3.2 Fuse panel C -SC-, MY 2011

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

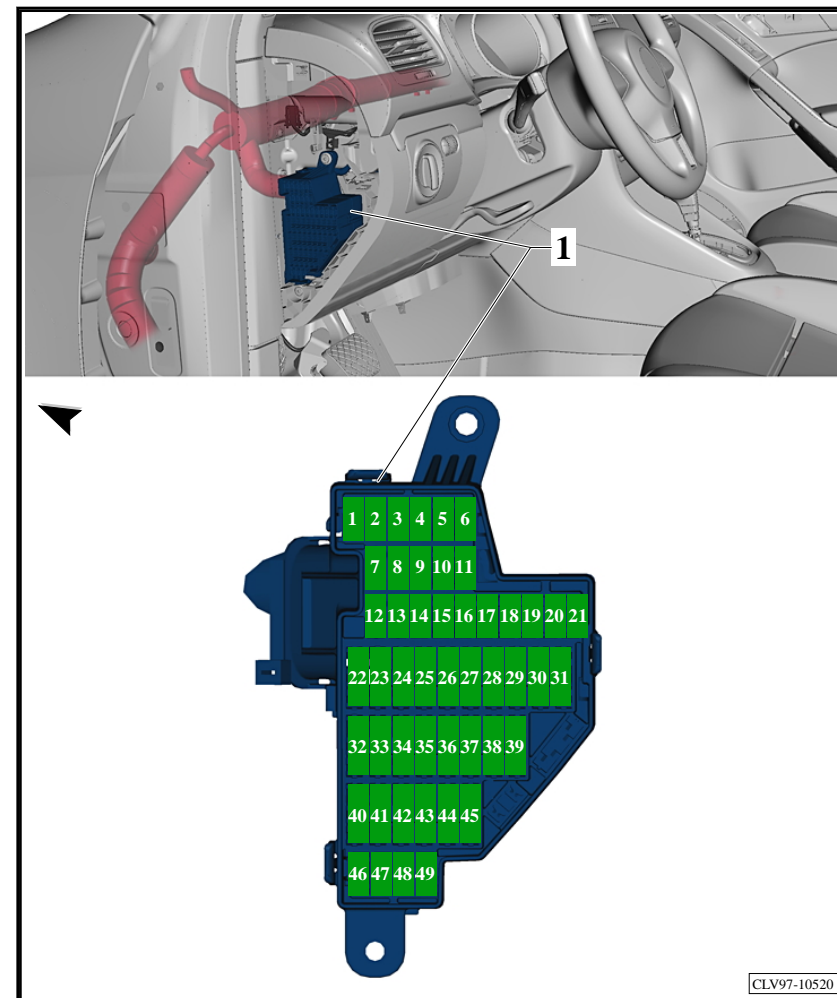
15 A - blue

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) Automatic dimming interior rearview mirror -Y7- (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 42 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

1.3.3 Fuse panel C -SC-, MY 2012

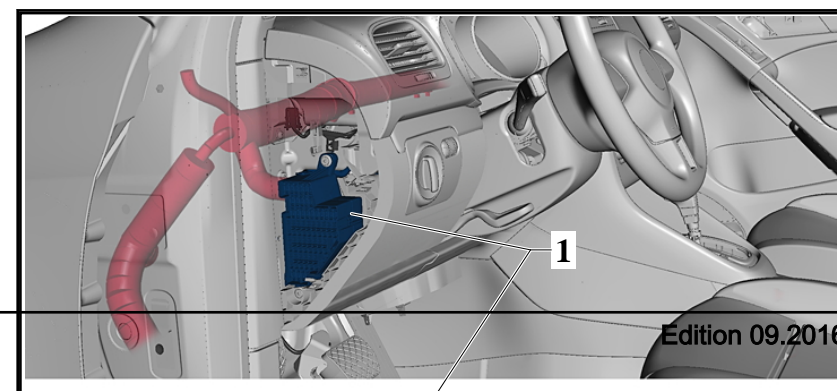
1 - Fuse panel C -SC-

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

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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) Automatic dimming interior rearview mirror -Y7- (T8p/1) (T6am/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
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

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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-, 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
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 42 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

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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) 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

1.3.4 Fuse panel C -SC-, MY 2013

1 - Fuse panel C -SC-

Fuse Colors

30 A - green

25 A - white

20 A - yellow

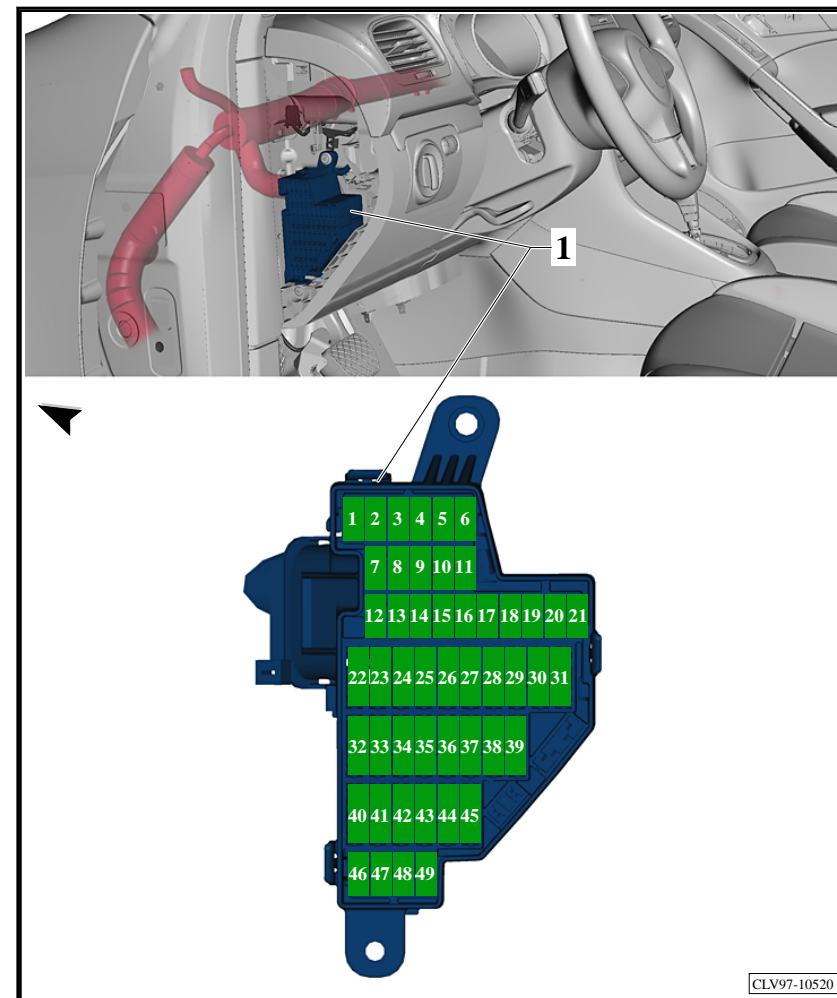
15 A - blue

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)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Positive crankcase ventilation heating element -N79- (1) ²⁴⁾ 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)	15a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			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) 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	-

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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 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)	75a

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
			Auxiliary heater operation relay -J485- (T9o/3)	
41	- Fuse 41 on fuse panel C -SC41-	20A	- Rear window wiper motor -V12- (T4bv/4)	75a
42	- Fuse 42 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

1.4 Circuit breaker, from July 2010

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

