

1 Fuses

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Component	Chapter	Comment
Fuse holder A -SA-	⇒ "1.1 Fuse holder A SA ", page 1	Multifuse
Fuse holder B -SB-	⇒ "1.2 Fuse holder B SB ", page 5	
Fuse holder B -SC-	⇒ "1.3 Fuse holder C SC ", page 12	
Fuse holder F -SF-	⇒ "1.4 Fuse holder F SF ", page 20	
Fuse holder G -SG-	⇒ "1.5 Fuse holder G SG ", page 24	
Fuse holder D -SD-	⇒ "1.6 Fuse holder D SD ", page 28	For left-hand drive models
Front passenger seat adjustment thermal fuse 1 -S46-	⇒ "1.7 Thermal fuse 1 for front passenger seat adjustment S46 ", page 30	
Fuses in fuse holder -S-	⇒ "1.8 Fuses in fuse holder S , for models with 2.5l petrol engine", page 33	For models with 2.5l petrol engine

1.1 Fuse holder A -SA-

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1.1.1 Fitting location fuse holder A -SA-

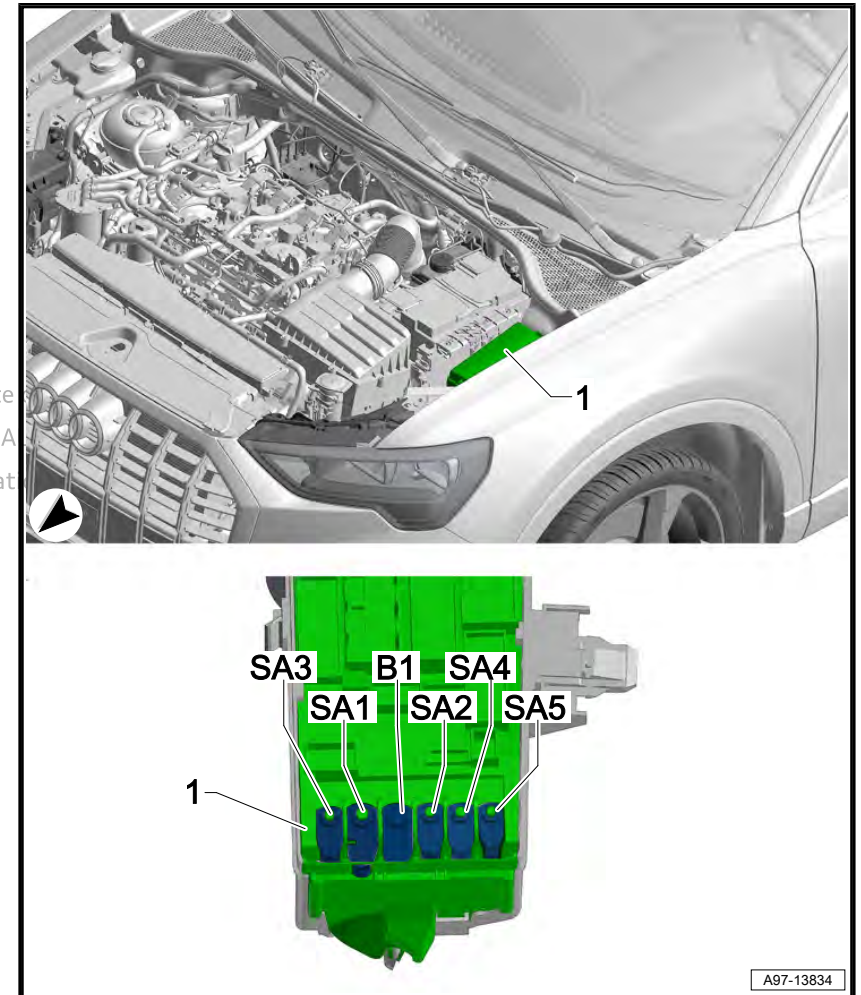


The fuse strip (multifuse) must be replaced as a complete unit.

1 - Fuse holder A -SA-



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1.1.2 Fuse assignment, fuse holder A -SA- , not for models with 2.5l petrol engine

Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
G1A	Fuse 1 on fuse holder A -SA1-	400 A	Alternator with voltage regulator -CX1- ⁷⁾ Voltage converter, 48 V/12 V -A7- ⁶⁾	30
E1A	Fuse 2 on fuse holder A -SA2-	80 A	Power steering control unit -J500-	30
J1A	Fuse 3 on fuse holder A -SA3-	125 A	Fuse holder C -SC- ♦ Fuse 2 on fuse holder C -SC2- ♦ Fuse 4 on fuse holder C -SC4- to fuse 14 on fuse holder C -SC14- ♦ Fuse 31 on fuse holder C -SC31- ♦ Fuse 38 on fuse holder C -SC38- to fuse 42 on fuse holder C -SC42- ♦ Fuse 52 on fuse holder C -SC52- ♦ Fuse 53 on fuse holder C -SC53- ♦ Terminal 15 voltage supply relay -J329- ♦ Relay for power sockets -J807- ♦ Fuse 1 in fuse holder F -SF1- to fuse 4 in fuse holder F -SF4- ♦ Front passenger seat adjustment thermal fuse 1 -S46- ♦ Fuse 1 on fuse holder G -SG1- ^{4) 5)} ♦ Fuse 1 in fuse holder H -SH1- ³⁾ ♦ Fuse 2 in fuse holder H -SH2- ³⁾ ♦ Fuse 1 on fuse holder E -SE1- ³⁾ ♦ Fuse 2 on fuse holder E -SE2- ³⁾	30



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Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
K2A	Fuse 4 on fuse holder A -SA4-	80 A	Fuse holder C -SC- ♦ Fuse 1 on fuse holder C -SC1- ♦ Fuse 3 on fuse holder C -SC3- ♦ Fuse 15 on fuse holder C -SC15- to fuse 21 on fuse holder C -SC21- ♦ Fuse 23 on fuse holder C -SC23- to fuse 28 on fuse holder C -SC28- ♦ Fuse 43 on fuse holder C -SC43- to fuse 45 on fuse holder C -SC45- ♦ Fuse 2 on fuse holder D -SD2- ³⁾	30
L1A	Fuse 5 on fuse holder A -SA5-	50 A ¹⁾ 80/100 A ²⁾	Radiator fan -VX57-	30
B1	Threaded connection (30) on E-box	-	from battery -A-	30

1) For models without towbar

2) For models with towbar

3) For models with special equipment

4) For American markets

5) For Australia

6) For models with 48-volt hybrid system

7) For models without 48-volt hybrid system

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1.1.3 Fuse assignment, fuse holder A -SA- , for models with 2.5l petrol engine

Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
G1A	Fuse 1 on fuse holder A -SA1-	400 A	Alternator with voltage regulator -CX1-	30
J1A	Fuse 3 on fuse holder A -SA3-	100 A	Radiator fan -VX57-	30

Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
K2A	Fuse 4 on fuse holder A -SA4-	80 A	Power steering control unit -J500-	30
B1	Threaded connection (30) on E-box	-	from terminal 30 wiring junction 2 -TV22-	30

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1.2 Fuse holder B -SB-

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♦ ⇒ ["1.2.2 Fuse allocation on fuse holder B SB ", page 7](#)

1.2.1 Fitting location of fuse holder B -SB-

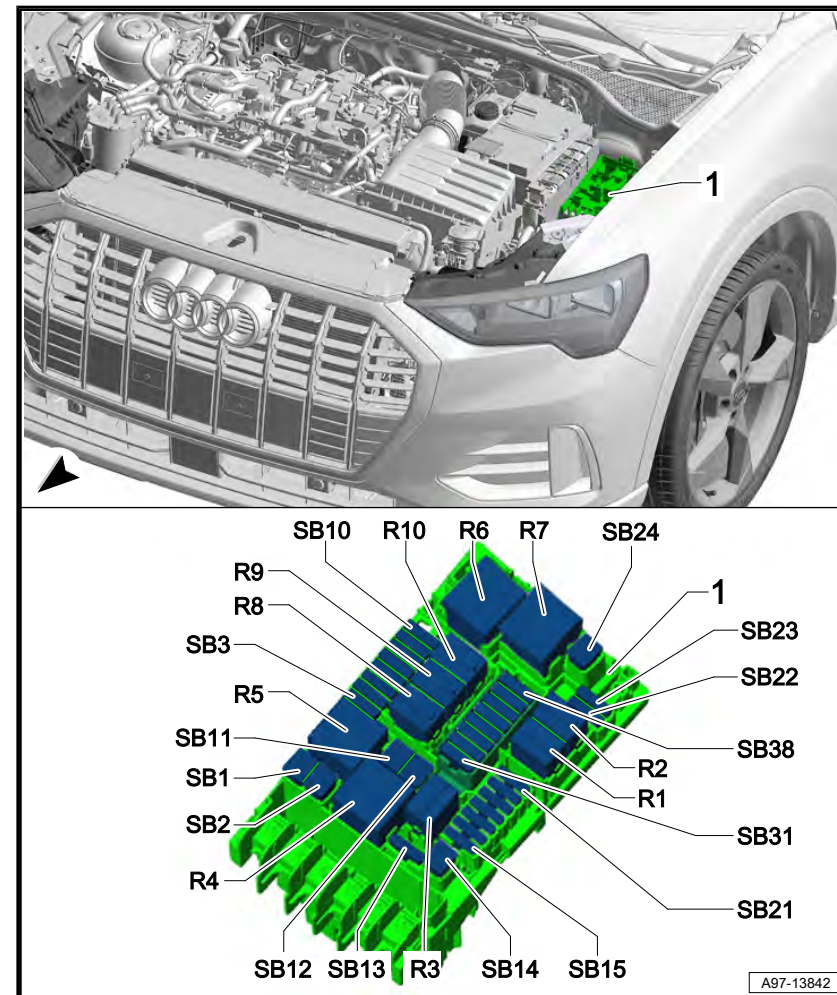


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1 - Fuse holder B -SB-



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Fuse colours for J-Case fuse:

- ◆ 50 A - red
- ◆ 40 A - green
- ◆ 30 A - pink

Fuse colours for ATO flat fuse:

- ◆ 40 A - orange

- ◆ 30 A - light green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

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1.2.2 Fuse locations on fuse holder B -SB-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB1	Fuse 1 on fuse holder B -SB1-	25 A	ABS control unit -J104-	30a
SB2	Fuse 2 on fuse holder B -SB2-	40 A ¹⁾ 60 A ²⁾	ABS control unit -J104- ◆ ABS hydraulic pump -V64-	30a
SB3	Fuse 3 on fuse holder B -SB3-	15 A ³⁾ 30 A ⁴⁾	Engine control unit -J623-	87

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB4	Fuse 4 on fuse holder B -SB4-	7.5 A 4) 10 A 3)	Radiator fan -VX57- Air mass meter -G70- 4) Oil level and oil temperature sender -G266- Low heat output relay -J359- 4) High heat output relay -J360- 4) Secondary air pump relay -J299- 6) Relay for reducing agent metering system -J963- 4) Charge pressure control solenoid valve -N75- 4) Activated charcoal filter solenoid valve 1 -N80- 5) 12) Camshaft control valve 1 -N205- 5) 12) Turbocharger air recirculation valve -N249- 6) Intake manifold flap valve -N316- 6) Exhaust camshaft control valve 1 -N318- 5) 12) Valve for oil pressure control -N428- 3) Piston cooling jet control valve -N522- 6) Inlet cam actuator for cylinder 2 -N583- 5) Exhaust cam actuator for cylinder 2 -N587- 5) Inlet cam actuator for cylinder 3 -N591- 5) Exhaust cam actuator for cylinder 3 -N595- 5) Starter-alternator -C29- 10) Engine component current supply relay 2 -J976- 11)	87
SB5	Fuse 5 on fuse holder B -SB5-	10 A	Engine component current supply relay -J757- 6) Actuator 1 for camshaft adjustment -F366- 6) Actuator 2 for camshaft adjustment -F367- 6) Actuator 3 for camshaft adjustment -F368- 6) Actuator 4 for camshaft adjustment -F369- 6) Actuator 5 for camshaft adjustment -F370- 6) Actuator 6 for camshaft adjustment -F371- 6) Actuator 7 for camshaft adjustment -F372- 6) Actuator 8 for camshaft adjustment -F373- 6) Fuel pressure regulating valve -N276- 4) Fuel metering valve -N290- 4) Crankcase breather valve -N546- 11) Turbocharger air recirculation valve -N249- 11) Charge pressure control solenoid valve -N75- 11) Oil level and oil temperature sender -G266- 11) Intake manifold flap valve -N316- 11) Activated charcoal filter solenoid valve 1 -N80- 11) Valve for oil pressure control -N428- 11)	87
SB6	Fuse 6 on fuse holder B -SB6-	7.5 A	Brake light switch -F-	87



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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB7	Fuse 7 on fuse holder B -SB7-	7.5 A ³⁾ 10 A ⁴⁾	Exhaust flap control unit -J883- ⁵⁾ Heater element for crankcase breather -N79- ⁴⁾ Valve for oil pressure control -N428- ⁴⁾ Coolant valve for gearbox -N488- ⁶⁾ Coolant valve for cylinder head -N489- ⁴⁾ Charge air cooling pump -V188- ^{4) 5) 12)} Auxiliary pump for heating -V488- ⁴⁾ Coolant shut-off valve -N82- ¹¹⁾ Continued coolant circulation pump -V51- ¹¹⁾ Switch valve for mechanical coolant pump -N649- ¹¹⁾	87
SB8	Fuse 8 on fuse holder B -SB8-	10 A ⁴⁾ 15 A ³⁾	Lambda probe 1 after catalytic converter -GX7- ³⁾ Lambda probe 1 before catalytic converter -GX10- Control unit for NOx sender -GX30- ⁴⁾ Control unit 2 for NOx sensor -GX46- ⁴⁾	87
SB9	Fuse 9 on fuse holder B -SB9-	7.5 A ⁴⁾ 10 A ³⁾	Automatic glow period control unit -J179- ⁴⁾ Ignition coil 1 with output stage -N70- ^{5) 12)} Activated charcoal filter solenoid valve 1 -N80- ⁶⁾ Ignition coil 2 with output stage -N127- ^{5) 12)} Camshaft control valve 1 -N205- ^{6) 11)} Ignition coil 3 with output stage -N291- ^{5) 12)} Ignition coil 4 with output stage -N292- ^{5) 12)} Exhaust camshaft control valve 1 -N318- ^{6) 11)} Continued coolant circulation pump -V51- ⁶⁾ Exhaust flap control unit -J883- ¹¹⁾ Exhaust flap control unit 2 -J945- ¹¹⁾ Exhaust cam actuator for cylinder 1 -N579- ¹¹⁾ Exhaust cam actuator for cylinder 2 -N587- ¹¹⁾ Exhaust cam actuator for cylinder 3 -N595- ¹¹⁾ Exhaust cam actuator for cylinder 4 -N603- ¹¹⁾ Exhaust cam actuator for cylinder 5 -N611- ¹¹⁾	87
SB10	Fuse 10 on fuse holder B -SB10-	15 A ³⁾ 20 A ⁴⁾	Fuel pump control unit -J538-	87
SB11	Fuse 11 on fuse holder B -SB11-	40 A	Auxiliary air heater element -Z35- ⁴⁾ Secondary air pump motor -V101- ⁶⁾	87

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB12	Fuse 12 on fuse holder B -SB12-	20 A ⁵⁾ 40 A ⁴⁾	Vacuum pump for brakes -V192- ^{5) 12) 13)} Auxiliary air heater element -Z35- ⁴⁾	87
SB13	Fuse 13 on fuse holder B -SB13-	30 A	Auxiliary hydraulic pump 1 for gearbox oil -V475-	30a
SB14	Fuse 14 on fuse holder B -SB14-	30 A	Ignition coil 1 with output stage -N70- ¹¹⁾ Ignition coil 2 with output stage -N127- ¹¹⁾ Ignition coil 3 with output stage -N291- ¹¹⁾ Ignition coil 4 with output stage -N292- ¹¹⁾ Ignition coil 5 with output stage -N323- ¹¹⁾	-
SB15	Fuse 15 on fuse holder B -SB15-	15 A	Horn relay -J413- ◆ Treble horn -H2- ◆ Bass horn -H7-	30a
SB16	Fuse 16 on fuse holder B -SB16-	20 A ⁶⁾ 30 A ¹¹⁾	Engine component current supply relay -J757- ◆ Ignition coil 1 with output stage -N70- ⁶⁾ ◆ Ignition coil 2 with output stage -N127- ⁶⁾ ◆ Ignition coil 3 with output stage -N291- ⁶⁾ ◆ Ignition coil 4 with output stage -N292- ⁶⁾ Engine component current supply relay 2 -J976- ¹¹⁾ ◆ Fuse 14 on fuse holder B -SB14- ¹¹⁾ ◆ Fuse 31 on fuse holder B -SB31- ¹¹⁾	30a
SB17	Fuse 17 on fuse holder B -SB17-	7.5 A	ABS control unit -J104- Main relay -J271- Engine control unit -J623-	30a
SB18	Fuse 18 on fuse holder B -SB18-	7.5 A	Battery monitor control unit -J367- ⁸⁾ Data bus diagnostic interface -J533- ⁷⁾	30a
SB19	Fuse 19 on fuse holder B -SB19-	30 A	Wiper motor control unit -J400- ◆ Windscreen wiper motor -V-	30a
SB20	Fuse 20 on fuse holder B -SB20-	10 A	Alarm horn -H12- Garage door operation control unit -J530-	30a
SB21	Fuse 21 on fuse holder B -SB21-	15 A	Mechatronic unit for dual clutch gearbox -J743- Automatic gearbox control unit -J217-	30a
SB22	Fuse 22 on fuse holder B -SB22-	7.5 A	Engine control unit -J623-	50



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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB23	Fuse 23 on fuse holder B -SB23-	30 A	Starter -B-	50
SB24	Fuse 24 on fuse holder B -SB24-	40 A	Auxiliary air heater element -Z35- ⁴⁾ Brake servo -NX6- ¹⁰⁾ ♦ Brake servo control unit -J539-	87
SB31	Fuse 31 on fuse holder B -SB31-	7.5 A ⁵⁾ 10 A ¹¹⁾	Vacuum pump relay -J318- ⁵⁾ ¹²⁾ ¹³⁾ Injector 2 for cylinder 1 -N532- ¹¹⁾ Injector 2 for cylinder 2 -N533- ¹¹⁾ Injector 2 for cylinder 3 -N534- ¹¹⁾ Injector 2 for cylinder 4 -N535- ¹¹⁾ Injector 2 for cylinder 5 -N536- ¹¹⁾	87
SB32	not assigned	-	-	-
SB33	not assigned	-	-	-
SB34	not assigned	-	-	-
SB35	not assigned	-	-	-
SB36	Fuse 36 on fuse holder B -SB36-	15 A	Front left headlight -MX1-	30
SB37	Fuse 37 on fuse holder B -SB37-	20 A	Auxiliary heater control unit -J364- ⁹⁾	30
SB38	Fuse 38 on fuse holder B -SB38-	15 A	Front right headlight -MX2-	30

1) for vehicles without pedestrian protection system

2) for vehicles with pedestrian protection system

3) For models with petrol engine

4) For models with diesel engine

5) For models with 1.5l petrol engine

6) For models with 2.0l petrol engine

7) For models with no start/stop system

8) For models with start/stop system

9) for models with auxiliary heater

10) For models with 48-volt hybrid system

11) For models with 2.5l petrol engine

12) For models with 1.4l petrol engine



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¹³⁾ According to equipment

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1.3 Fuse holder C -SC-

- ◆ ⇒ ["1.3.1 Fitting location, fuse holder C SC , left-hand drive", page 12](#)
- ◆ ⇒ ["1.3.2 Fitting location, fuse holder C SC , right-hand drive", page 14](#)
- ◆ ⇒ ["1.3.3 Fuse allocation on fuse holder C SC ", page 16](#)

1.3.1 Fitting location, fuse holder C -SC- , left-hand drive



Note

For left-hand drive models

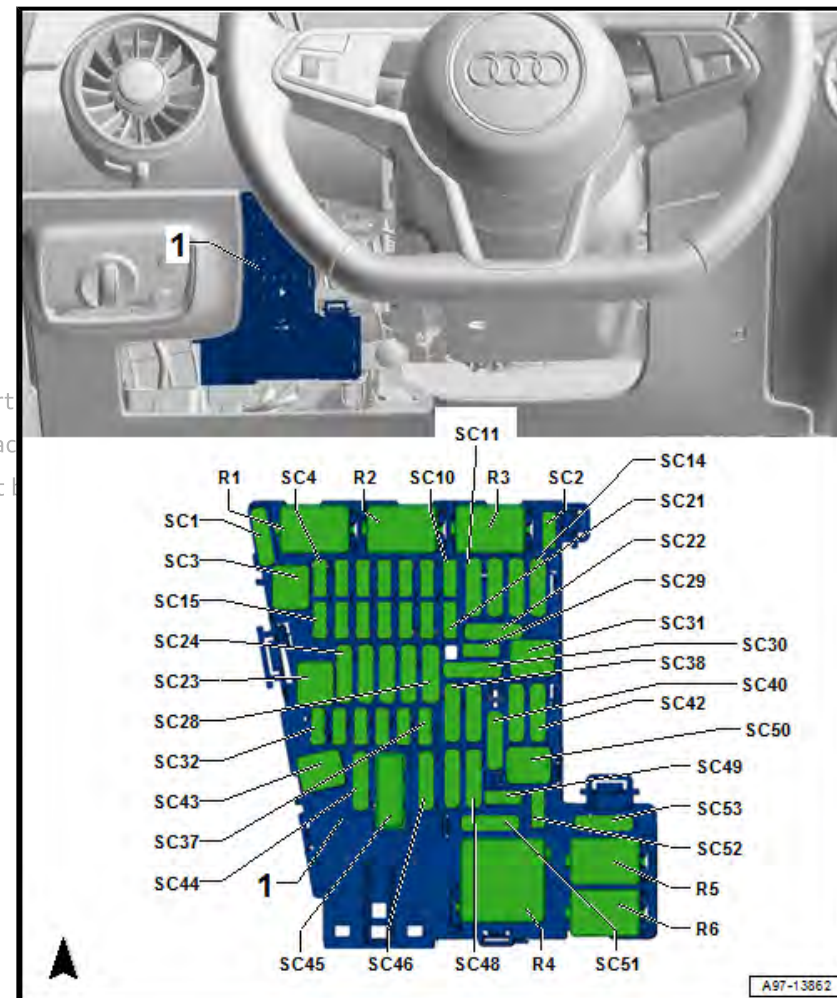


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1 - Fuse holder C -SC-



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Fuse colours for J-Case fuse:

- ◆ 50 A - red
- ◆ 40 A - green
- ◆ 30 A - pink

Fuse colours for ATO flat fuse:

- ◆ 40 A - orange

- ◆ 30 A - light green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

Fuse colours, for mini fuses:

- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

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1.3.2 Fitting location, fuse holder C-SC-, right-hand drive

**Note**

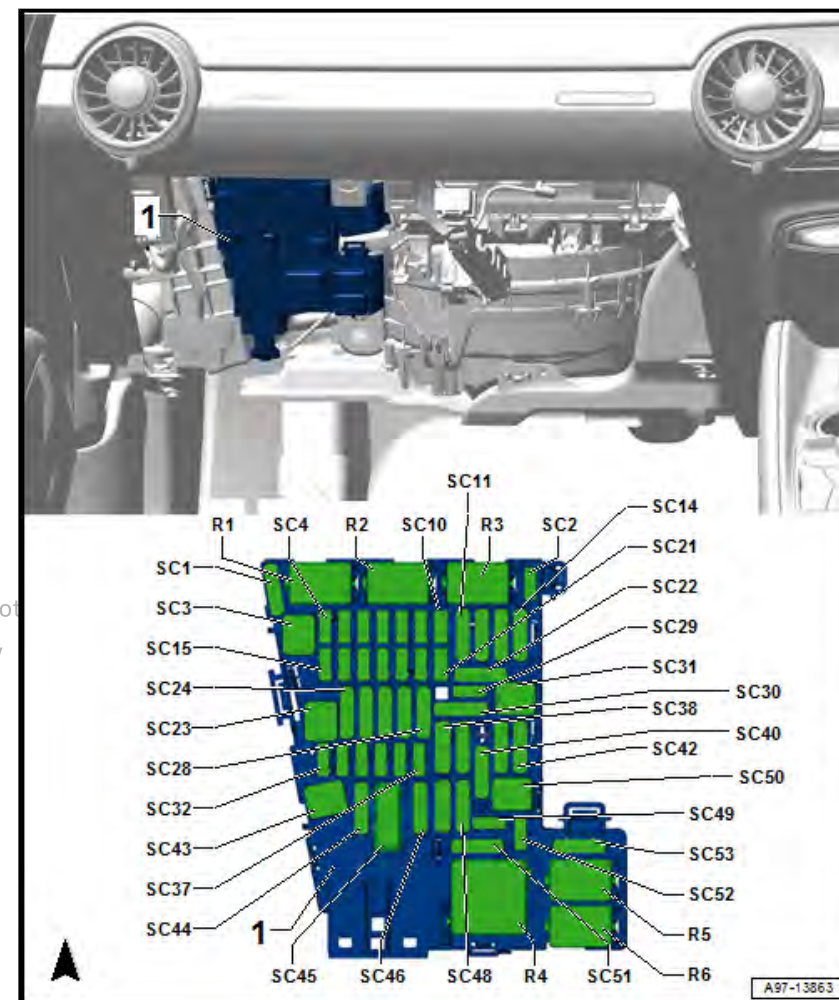
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For right-hand drive models

1 - Fuse holder C -SC-



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Fuse colours for J-Case fuse:

- ◆ 50 A - red
- ◆ 40 A - green
- ◆ 30 A - pink

Fuse colours for ATO flat fuse:

- ◆ 40 A - orange

- ◆ 30 A - light green
- ◆ 25 A - natural (white)
- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

Fuse colours, for mini fuses:

- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black



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1.3.3 Fuse assignment on fuse holder C -SC-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	Fuse 1 on fuse holder C -SC1-	30 A	Control unit for reducing agent heater -J891-	30a
SC2	Fuse 2 on fuse holder C -SC2-	10 A	Driver seat lumbar support adjustment switch -E176- ¹⁾ Front passenger seat lumbar support adjustment switch -E177- ¹⁾	30a
SC3	-	-	-	30a
SC4	Fuse 4 on fuse holder C -SC4-	7.5 A	Driver side volume regulator -E67-	30a
SC5	Fuse 5 on fuse holder C -SC5-	7.5 A	Data bus diagnostic interface -J533-	30a
SC6	Fuse 6 on fuse holder C -SC6-	7.5 A	Selector lever -E313- Ignition key withdrawal lock solenoid -N376-	30a

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC7	Fuse 7 on fuse holder C -SC7-	10 A	Heater and air conditioning controls -EX21- Heated rear window relay -J9- Remote control receiver for auxiliary heater -R64- Magnetic clutch relay -J44- Tyre Pressure Monitoring System control unit -J502- ⁶⁾	30a
SC8	Fuse 8 on fuse holder C -SC8-	7.5 A	Light switch -E1- Parking brake button -EX12- Rain and light sensor -G397- Anti-theft alarm sensor -G578- Control unit for cornering light and headlight range control -J745- Emergency call module control unit and communication unit -J949- Light 1 for front centre console ambient lighting -L193- Light 2 for front centre console ambient lighting -L194- Light 3 for front centre console ambient lighting -L195- Light 1 for rear left door ambient lighting -L201- Light 1 for rear right door ambient lighting -L202- Light 3 for dash panel contour lighting -L245- Light for front left door contour lighting -L251- Light for front right door contour lighting -L252- Light for rear left door contour lighting -L253- Light for rear right door contour lighting -L254- Diagnostic connection -U31- (T16b/16) Light for driver door ambient lighting -W86- Light for passenger door ambient lighting -W87- Light 1 for front left door background lighting -L199- Light 1 for front right door background lighting -L200- Front roof module -WX3-	30a
SC9	Fuse 9 on fuse holder C -SC9-	7.5 A	Ignition/starter switch -D- Steering column electronics control unit -J527-	30a
SC10	Fuse 10 on fuse holder C -SC10-	10 A	Display unit for front information display and operating unit control unit -J685-	30a
SC11	Fuse 11 on fuse holder C -SC11-	40 A	Onboard supply control unit -J519-	30a
SC12	Fuse 12 on fuse holder C -SC12-	20 A	Control unit 1 for information electronics -J794-	30a
SC13	Fuse 13 on fuse holder C -SC13-	25 A	Driver's side seat belt -NX19- ⁵⁾	30a
SC14	Fuse 14 on fuse holder C -SC14-	40 A	Fresh air blower control unit -J126-	30a
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30a
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	Aerial amplifier for mobile telephone -R86- Charger 1 for mobile devices -J1146- USB hub -R293- Chip card reader control unit -J676-	30a
SC17	Fuse 17 on fuse holder C -SC17-	7.5 A	Control unit in dash panel insert -J285-	30a

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-	30a
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Entry and start authorisation control unit -J518-	30a
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A	Relay for reducing agent metering system -J963- Delivery unit for reducing agent metering system -GX19-	30a
SC21	Fuse 21 on fuse holder C -SC21-	10 A	Steering column electronics control unit -J527-	30a
SC22	-	-	-	-
SC23	Fuse 23 on fuse holder C -SC23-	20 A	Sliding sunroof adjustment control unit -J245-	30a
SC24	Fuse 24 on fuse holder C -SC24-	40 A	Onboard supply control unit -J519-	30a
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- ³⁾ Rear driver side door control unit -J926- ³⁾ Control unit with rear driver side window regulator motor -J1016- ³⁾ Front passenger door control unit -J387- ⁴⁾ Rear passenger side door control unit -J927- ⁴⁾ Control unit with rear passenger side window regulator motor -J1017- ⁴⁾	30a
SC26	Fuse 26 on fuse holder C -SC26-	30 A	Onboard supply control unit -J519-	30a
SC27	Fuse 27 on fuse holder C -SC27-	30 A	Onboard supply control unit -J519-	30a
SC28	-	-	-	30a
SC29	Fuse 29 on fuse holder C -SC29-	7.5 A	Glove compartment light switch -E26- Driver side vanity mirror contact switch -F147- Front passenger side vanity mirror contact switch -F148- Front roof module -WX3- Roof electronics control unit -J528- Driving school mode relay -J746-	30g
SC30	Fuse 30 on fuse holder C -SC30-	10 A	Battery, 48 V -A6- ⁷⁾	-
SC31	Fuse 31 on fuse holder C -SC31-	30 A	Rear lid control unit -J605-	30a
SC32	Fuse 32 on fuse holder C -SC32-	7.5 A	Adaptive cruise control unit -J428- Parking aid control unit -J446- Lane change assist control unit -J769- Lane change assist control unit 2 -J770- Front camera for driver assist systems -R242-	15
SC33	Fuse 33 on fuse holder C -SC33-	7.5 A	Airbag control unit -J234- Seat occupied recognition control unit -J706- Front roof module -WX3-	15

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC34	Fuse 34 on fuse holder C -SC34-	7.5 A	Reversing light switch -F4- Parking brake button -EX12- Pressure sender for refrigerant circuit -G805- Relay for power sockets -J807- Control unit for structure-borne sound -J869-	15
SC35	Fuse 35 on fuse holder C -SC35-	10 A	Interior mirror -EX5- Centre switch module in dash panel -EX22- Air quality sensor -G238- Diagnostic connection -U31- (T16b/1)	15
SC36	-	-	-	15
SC37	-	-	-	15
SC38	-	-	-	30a
SC39	Fuse 39 on fuse holder C -SC39-	30 A	Front passenger door control unit -J387- ³⁾ Rear passenger side door control unit -J927- ³⁾ Control unit with rear passenger side window regulator motor -J1017- ³⁾ Driver door control unit -J386- ⁴⁾ Rear driver side door control unit -J926- ⁴⁾ Control unit with rear driver side window regulator motor -J1016- ⁴⁾	30a
SC40	Fuse 40 on fuse holder C -SC40-	20 A	Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- USB charging socket 1 -U37-	15
SC41	Fuse 41 on fuse holder C -SC41-	25 A	Front passenger side seat belt -NX18- ⁵⁾	30a
SC42	Fuse 42 on fuse holder C -SC42-	40 A	Onboard supply control unit -J519-	30a
SC43	Fuse 43 on fuse holder C -SC43-	40 A	Digital sound package control unit -J525-	30a
SC44	Fuse 44 on fuse holder C -SC44-	15 A	All-wheel drive control unit -J492-	30a
SC45	Fuse 45 on fuse holder C -SC45-	15 A	Driver seat lumbar support adjustment switch -E176- ²⁾ Driver seat adjustment operating unit -E470- ²⁾	30a
SC46	-	-	-	-
SC47	Fuse 47 on fuse holder C -SC47-	15 A	Rear window wiper motor -V12-	15
SC48	-	-	-	15
SC49	Fuse 49 on fuse holder C -SC49-	7.5 A	Clutch position sender -G476- Starter relay 1 -J906- Starter relay 2 -J907-	15
SC50	-	-	-	-
SC51	-	-	-	-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC52	Fuse 52 on fuse holder C -SC52-	15 A	Electronically controlled damping control unit -J250-	30a
SC53	Fuse 53 on fuse holder C -SC53-	30 A	Heated rear window relay -J9- Window aerial suppression filter -C18-	30a

1) for vehicles without electric seat adjustment

2) for vehicles with electric seat adjustment

3) For left-hand drive models

4) For right-hand drive models

5) for models with reversible belt tensioners

6) For models with 2.5l petrol engine

7) For models with 48-volt hybrid system

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1.4 Fuse holder F -SF-

♦ ⇒ ["1.4.1 Fitting location of fuse holder F SF , left-hand drive", page 20](#)

♦ ⇒ ["1.4.2 Fitting location of fuse holder F SF , right-hand drive", page 22](#)

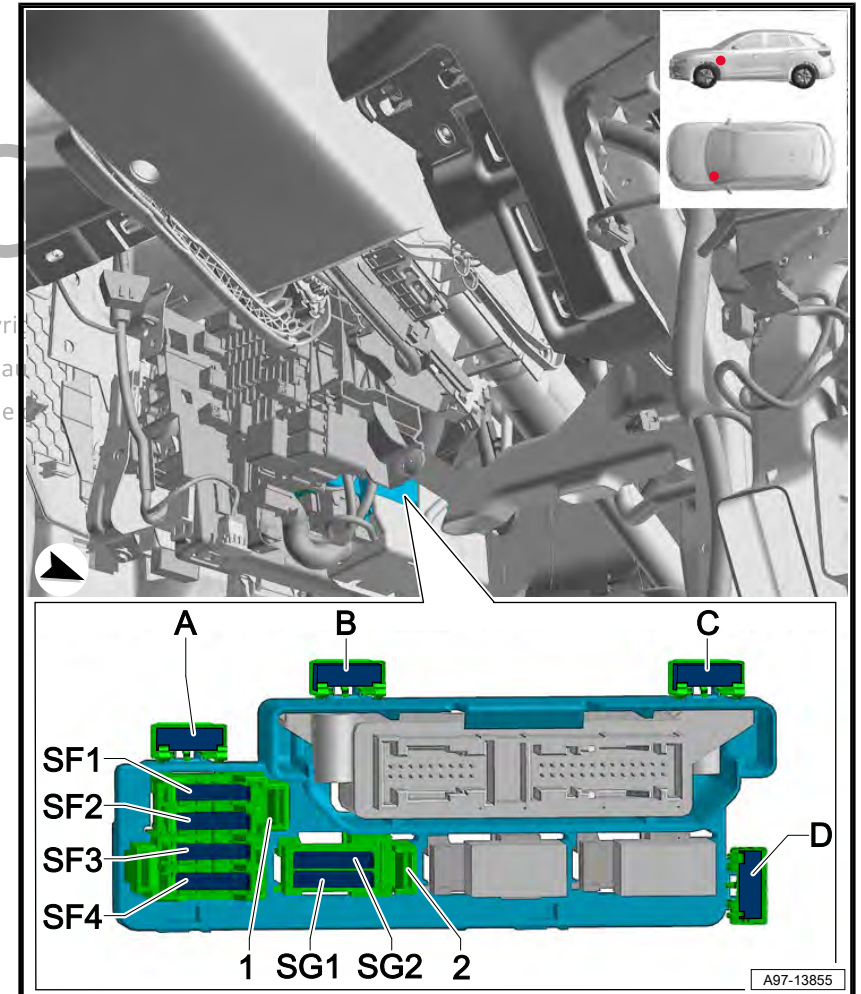
♦ ⇒ ["1.4.3 Fuse allocation on fuse holder F SF ", page 24](#)

1.4.1 Fitting location, fuse holder F -SF- , left-hand drive

1 - Fuse holder F -SF-



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Fuse colours for ATO flat fuse:

- ◆ 40 A - orange
- ◆ 30 A - light green
- ◆ 25 A - clear
- ◆ 20 A - yellow

- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

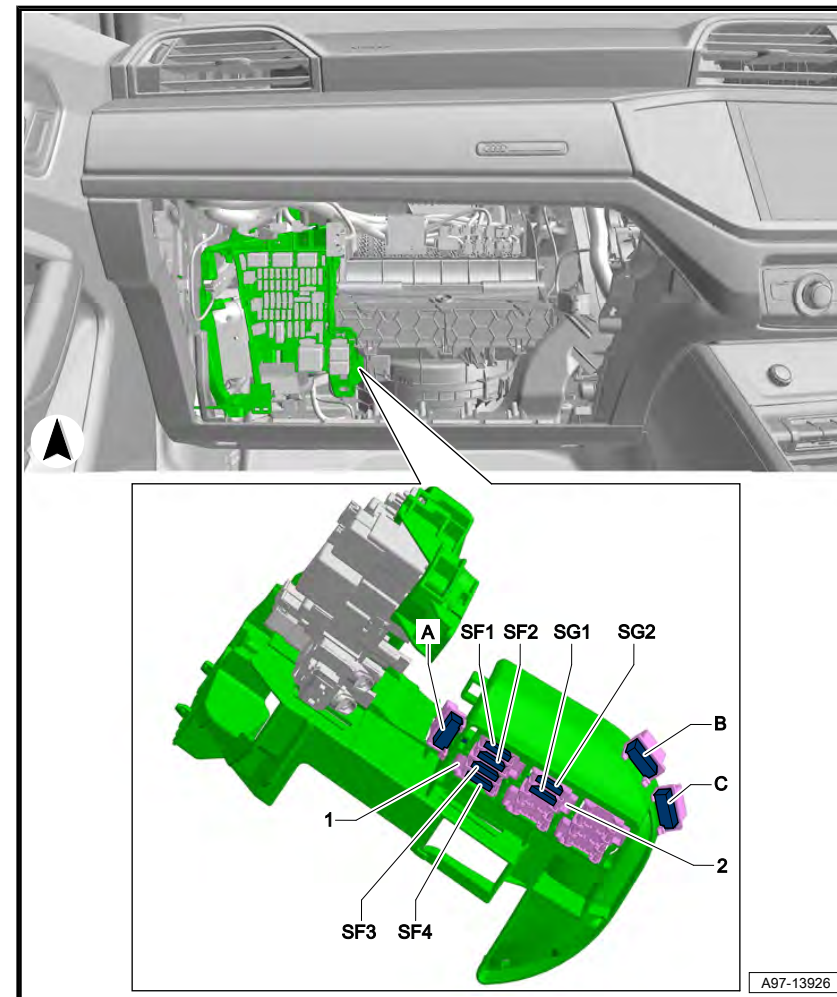
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1.4.2 Fitting location, fuse holder F -SF- , right-hand drive



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1 - Fuse holder F -SF-



 Fuse colours for ATO flat fuse:

- ◆ 40 A - orange
 - ◆ 30 A - light green
 - ◆ 25 A - clear
 - ◆ 20 A - yellow
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- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

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1.4.3 Fuse assignment on fuse holder F -SF-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SF1	Fuse 1 in fuse holder F -SF1-	25 A	Trailer detector control unit -J345-	30a
SF2	Fuse 2 in fuse holder F -SF2-	15 A	Trailer detector control unit -J345-	30a
SF3	Fuse 3 in fuse holder F -SF3-	25 A	Trailer detector control unit -J345-	30a
SF4	Fuse 4 in fuse holder F -SF4-	15 A	Trailer detector control unit -J345-	30a

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1.5 Fuse holder G -SG-

- ◆ ⇒ [“1.5.1 Fitting location of fuse holder G SG , left-hand drive”, page 24](#)
- ◆ ⇒ [“1.5.2 Fitting location of fuse holder G SG , right-hand drive”, page 26](#)
- ◆ ⇒ [“1.5.3 Fuse assignment on fuse holder G SG ”, page 28](#)

1.5.1 Fitting location of fuse holder G -SG- , left-hand drive

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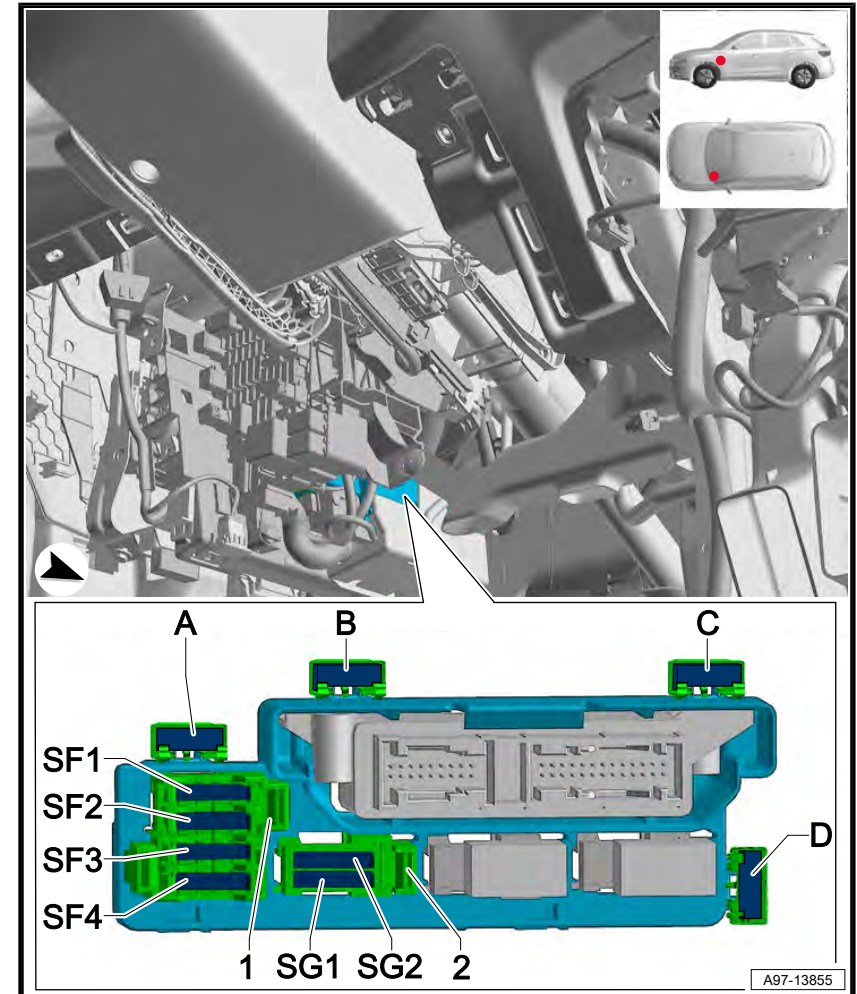
2 - Fuse holder G -SG-



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Fuse colours for ATO flat fuse:

- ◆ 40 A - orange
- ◆ 30 A - light green
- ◆ 25 A - clear
- ◆ 20 A - yellow



- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

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1.5.2 Fitting location of fuse holder G -SG- , right-hand drive

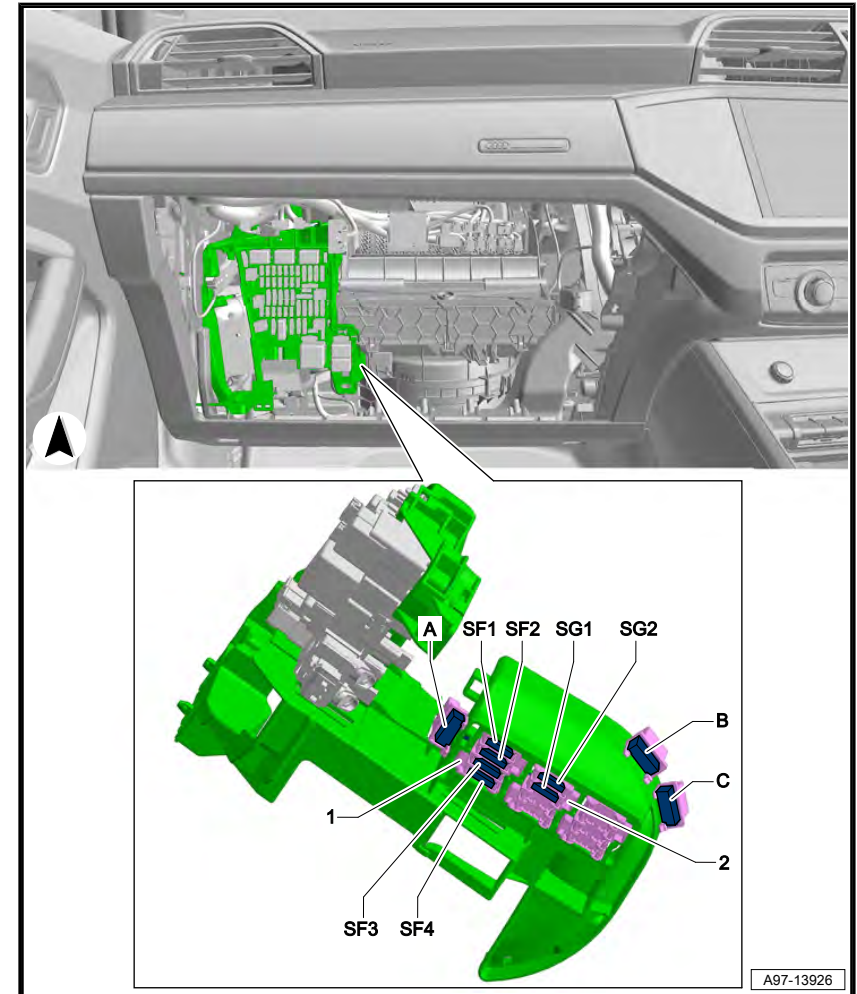


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2 - Fuse holder G -SG-



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Fuse colours for ATO flat fuse:

- ◆ 40 A - orange
- ◆ 30 A - light green
- ◆ 25 A - clear
- ◆ 20 A - yellow

- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

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1.5.3 Fuse assignment on fuse holder G -SG-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SG1	Fuse 1 on fuse holder G -SG1-	25 A	Coupling point for electric trailer brakes -TAHKV- ¹⁾ ²⁾	30a
SG2	Fuse 2 on fuse holder G -SG2-	-	not assigned	-

¹⁾ For American markets

²⁾ For Australia

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1.6 Fuse holder D -SD-

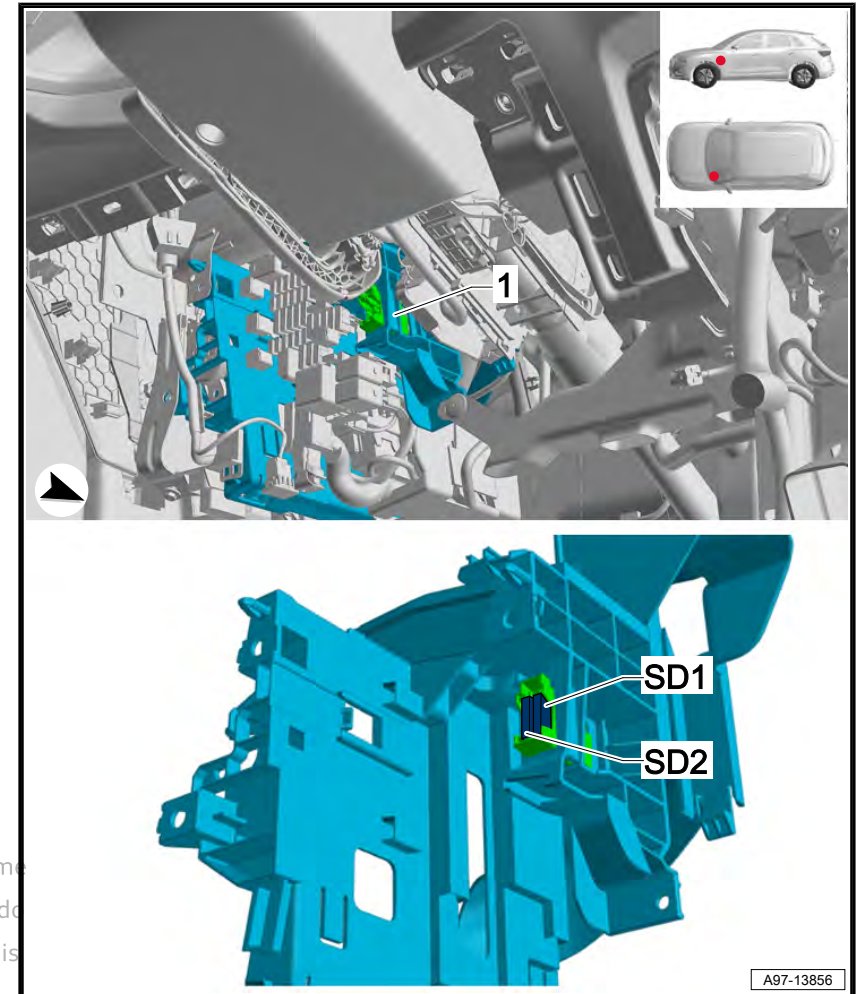
- ◆ [⇒ "1.6.1 Fitting location, fuse holder D SD , LHD", page 28](#)
- ◆ [⇒ "1.6.2 Fuse assignment, fuse holder D SD ", page 30](#)

1.6.1 Fitting location fuse holder D -SD- , left-hand drive

1 - Fuse holder D -SD-



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Fuse colours for ATO flat fuse:

- ◆ 40 A - orange
- ◆ 30 A - light green
- ◆ 25 A - natural (white)
- ◆ 20 A - yellow

- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black



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1.6.2 Fuse assignment on fuse holder D -SD-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SD1	Fuse 1 on fuse holder D -SD1-	15 A	Control unit for special installations -J980- ^{1) 2)} Driving school mode relay -J746- ^{1) 2)} Interface control unit 3 for special vehicles -J1227- ¹⁾ Charging station for hand-held 2-way radio -U24- ¹⁾ Interface control unit 2 for special vehicles -J1226- ¹⁾	87
SD2	Fuse 2 on fuse holder D -SD2-	10 A	Control unit for special installations -J980- ^{1) 2)} Two-way radio voltage relay -J84- ¹⁾	87

¹⁾ For models with special equipment

²⁾ For left-hand drive models

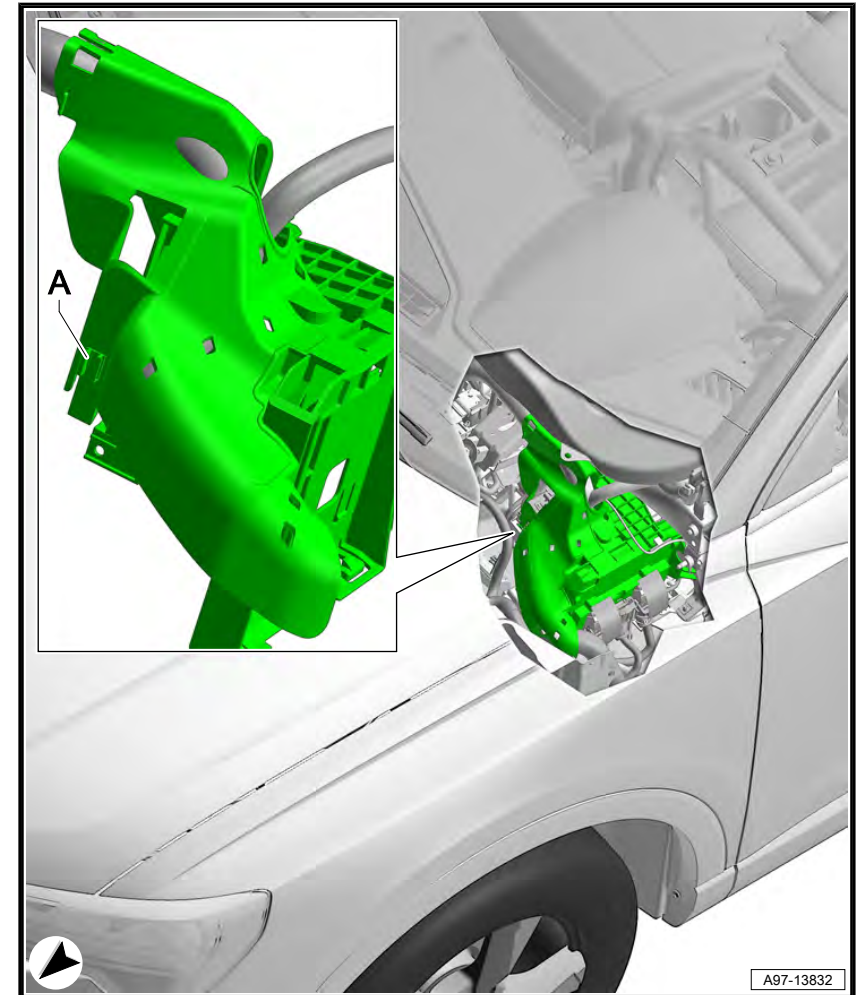
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1.7 Front passenger seat adjustment thermal fuse 1 -S46-

- ◆ [⇒ "1.7.1 Fitting location of front passenger seat adjustment thermal fuse 1 S46 , left-hand drive models", page 30](#)
- ◆ [⇒ "1.7.2 Fitting location of front passenger seat adjustment thermal fuse 1 S46 , right-hand drive models", page 32](#)
- ◆ [⇒ "1.7.3 Fuse allocation of thermal fuse 1 for front passenger seat adjustment S46 ", page 33](#)

1.7.1 Fitting location of front passenger seat adjustment thermal fuse 1 -S46- , left-hand drive models

A - Front passenger seat adjustment thermal fuse 1 -S46-



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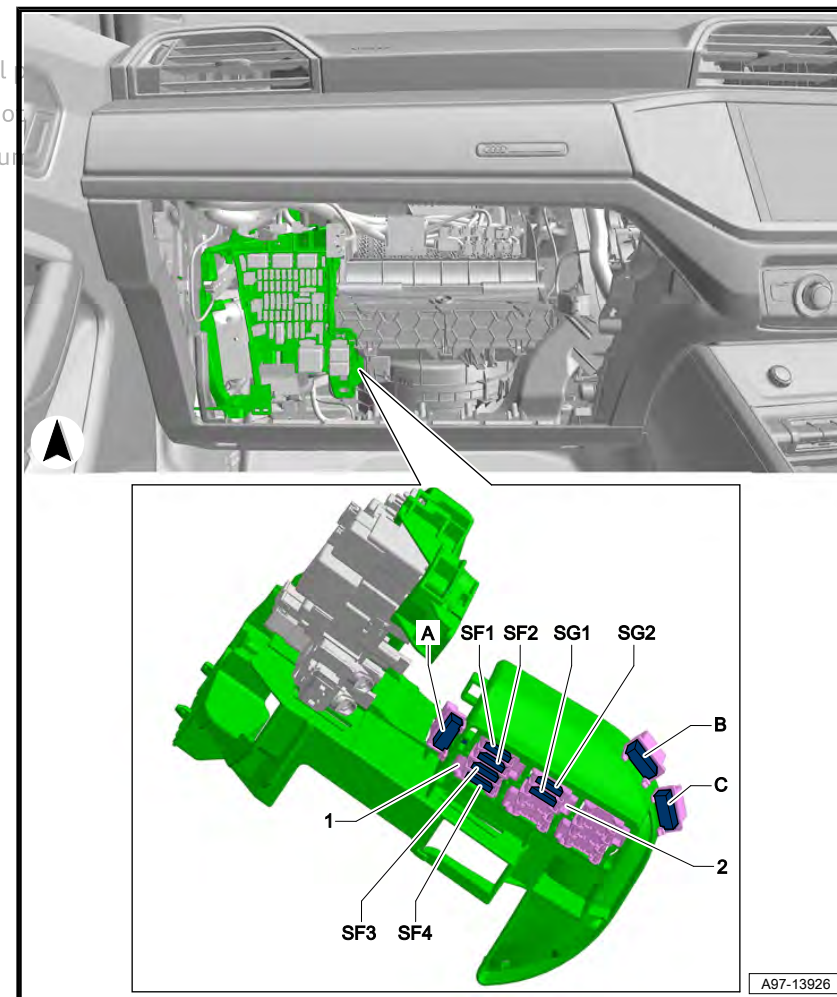
1.7.2 Fitting location of front passenger seat adjustment thermal fuse 1 -S46- , right-hand drive models

A - not assigned

B - Front passenger seat adjustment thermal fuse 1 -S46-

C - not assigned

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1.7.3 Fuse assignment of front passenger seat adjustment thermal fuse 1 -S46-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
A ²⁾ B ³⁾	Front passenger seat adjustment thermal fuse 1 -S46-	15 A	Front passenger seat lumbar support adjustment switch -E177- ¹⁾ Driver seat adjustment operating unit -E471- ¹⁾	30a

¹⁾ for vehicles with electric seat adjustment

²⁾ For left-hand drive models

³⁾ For right-hand drive models

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1.8 Fuses in fuse holder -S- , for models with 2.5l petrol engine

♦ ⇒ ["1.8.1 Fitting location, fuses in fuse holder S , for models with 2.5l petrol engine", page 33](#)

♦ ⇒ ["1.8.2 Fuse assignment, fuses in fuse holder S , for models with 2.5l petrol engine", page 34](#)

1.8.1 Fitting location, fuses in fuse holder -S- , for models with 2.5l petrol engine

1 - Fuses in fuse holder -S-

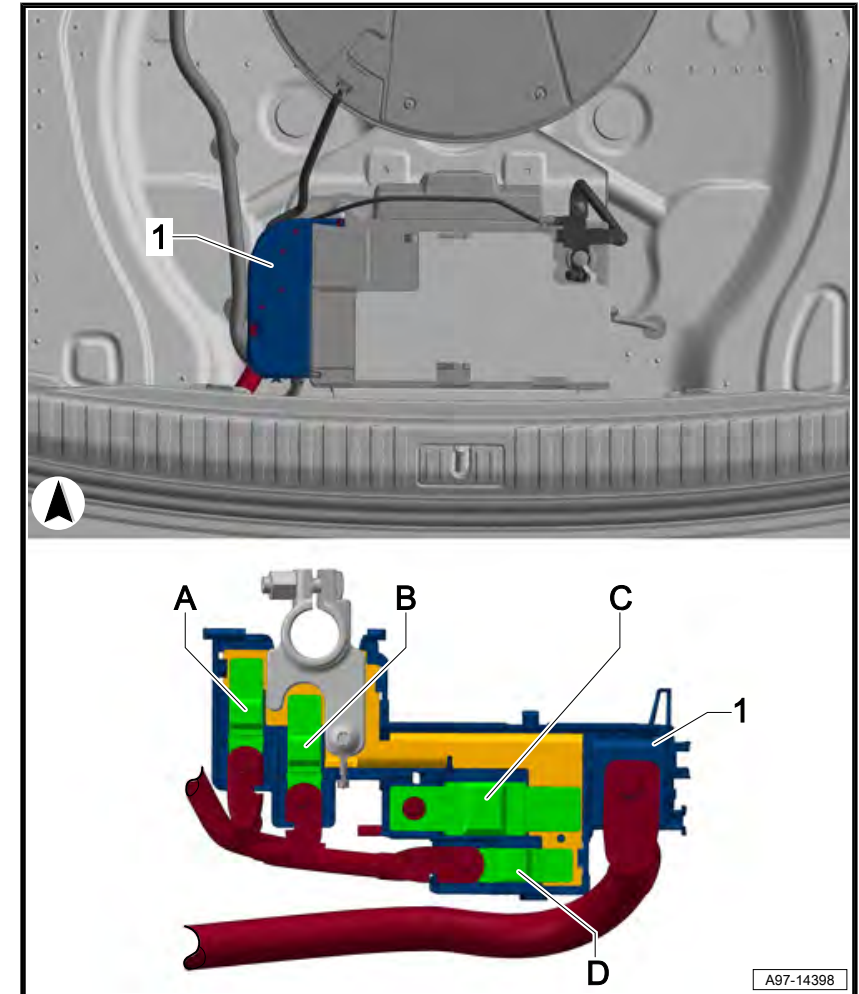
- ☐ with integrated igniter for battery interruption -N253-

A - Fuse 1 -S131-

B - Fuse 2 -S132-

C - not assigned

D - Fuse 3 -S133-



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1.8.2 Fuse assignment, fuses in fuse holder -S-, for models with 2.5l petrol engine

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Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
A	Fuse 1 -S131-	125 A	Fuse holder C -SC-, A1	30

Screw location	Current flow diagram designation	Nominal value	Function / component	Terminal
B	Fuse 2 -S132-	80 A	Fuse holder C -SC- , A2	30
C	-	-	not assigned	-
D	Fuse 3 -S133-	125 A	Fuse holder A -SA- ♦ Fuse 4 on fuse holder A -SA4- ♦ Power steering control unit -J500- Fuse holder B -SB- ♦ Fuse 1 on fuse holder B -SB1- ♦ Fuse 2 on fuse holder B -SB2- ♦ Main relay -J271-	30

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