

1 -Fitting locations: Fuses

1.1 Overview of fuse holders

1 - Fuse holder K -SK-

- ☐ Fitting location: [⇒ page 3](#)
- ☐ Fuse assignment: [⇒ page 4](#)

2 - Fuse holder C -SC-, Fuse holder D -SD- and Fuse holder F -SF-, in centre of dash panel

- ☐ Fitting location in left-hand drive vehicles (L0L): [⇒ page 14](#)
- ☐ Fitting location in right-hand drive vehicles (L0R): [⇒ page 16](#)
- ☐ Fuse assignment for fuse holder C -SC- from June 2015: [⇒ page 17](#)
- ☐ Fuse assignment for fuse holder C -SC- from June 2016: [⇒ page 24](#)
- ☐ Fuse assignment for fuse holder D -SD- : [⇒ page 33](#)
- ☐ Fuse assignment for fuse holder F -SF- : [⇒ page 35](#)

3 - Hot air blower single fuse -S25- and Window regulator thermal fuse -S43-

- ☐ Fitting location in left-hand drive vehicles (L0L): [⇒ page 4](#)
- ☐ Fitting location in right-hand drive vehicles (L0R): [⇒ page 6](#)
- ☐ Fuse assignment: [⇒ page 6](#)

4 - Fuse 1 -S131-, fuse 2 -S132-, fuse 3 -S133-, fuse holder H -SH- (-SH1- to -SH30-) and fuse holder J -SJ-, under the left seat box

- ☐ Fitting location: [⇒ page 37](#)
- ☐ Fuse assignment for -S131-, -S132-, -S133- and -SH1- to -SH30- : [⇒ page 38](#)
- ☐ Fuse assignment for -SJ1- to -SJ9- : [⇒ page 43](#)

5 - Fuse holder H -SH- (-SH35- to -SH50-), under the seat-box on the left

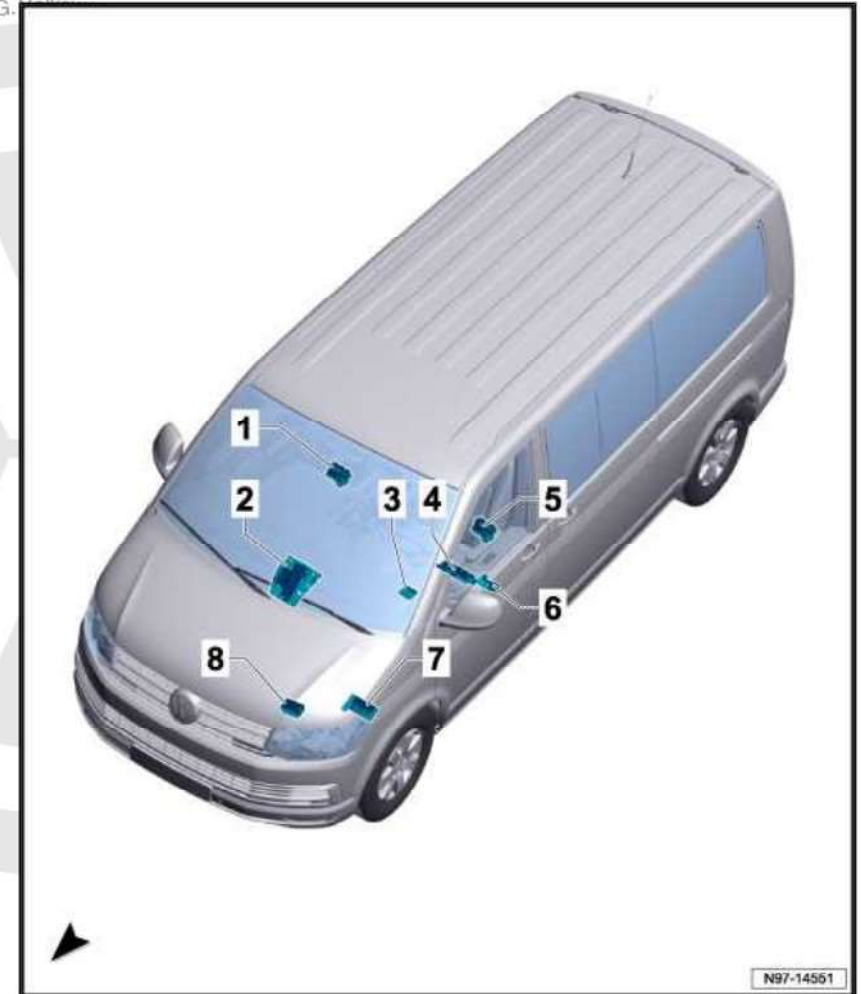
- ☐ Fitting location: [⇒ page 45](#)
- ☐ Fuse assignment for special vehicles (IS4): [⇒ page 46](#)
- ☐ Fuse assignment for special vehicles (IS5): [⇒ page 47](#)

6 - Fuse 31 in fuse holder H -SH31-, under the seat-box on the left

- ☐ Fitting location: [⇒ page 44](#)
- ☐ Fuse assignment: [⇒ page 45](#)

7 - Fuse holder A -SA-, on left in engine compartment

- ☐ Fitting location: [⇒ page 7](#)
- ☐ Fuse assignment: [⇒ page 8](#)



8 - Fuse holder B -SB- , on left in engine compartment

- ☐ Fitting location: ⇒ [page 9](#)
- ☐ Fuse assignment: ⇒ [page 10](#)

1.2 Fuse holder K -SK-



1.2.1 Fitting location:

A - Fuse holder K -SK-

◆ in right seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

20 A - yellow

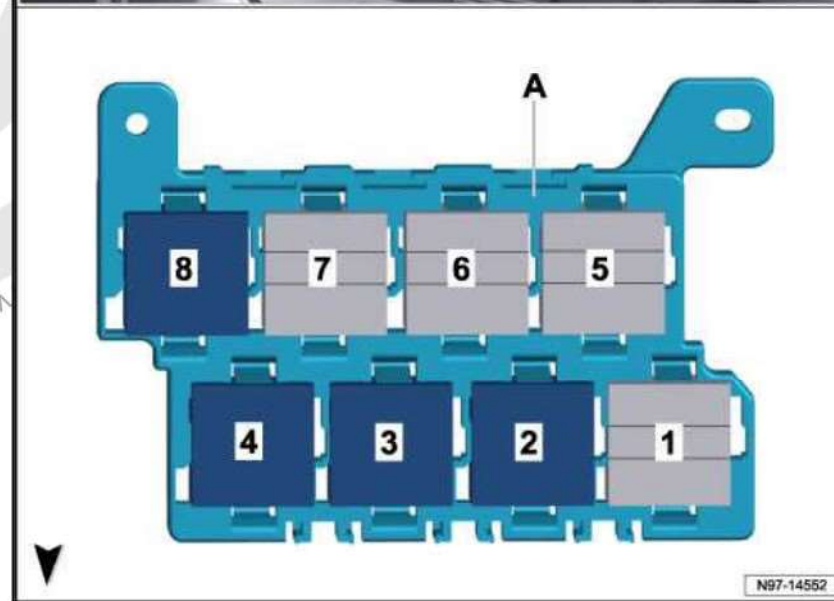
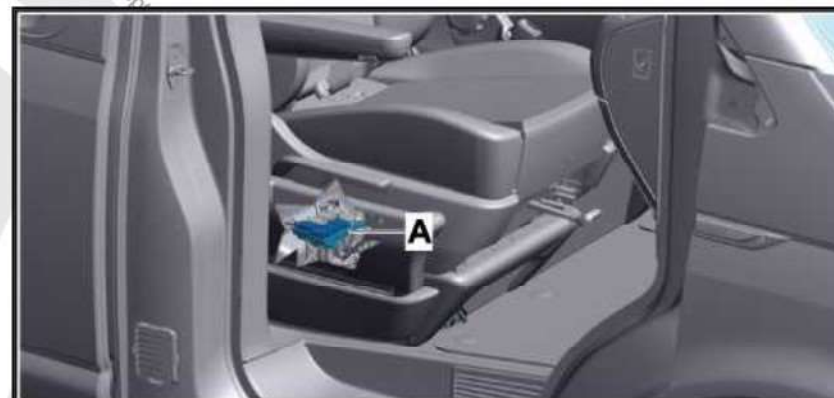
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.2.2 Fuse assignment:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- not assigned	-	- not assigned	-
2	- Fuse 1 on fuse holder K -SK1-	-	- not assigned	-
	- Fuse 2 on fuse holder K -SK2-	3 A	- Multimedia system display unit 1 -Y22- ¹⁾	30
	- Fuse 3 on fuse holder K -SK3-	3 A	- Multimedia system display unit 1 -Y22- ¹⁾	87
3-8	- not assigned	-	- not assigned	-



Note

¹⁾ only models with Rear Seat Entertainment (10.2 inches)

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1.3 Hot air blower single fuse -S25- and Window regulator thermal fuse -S43-

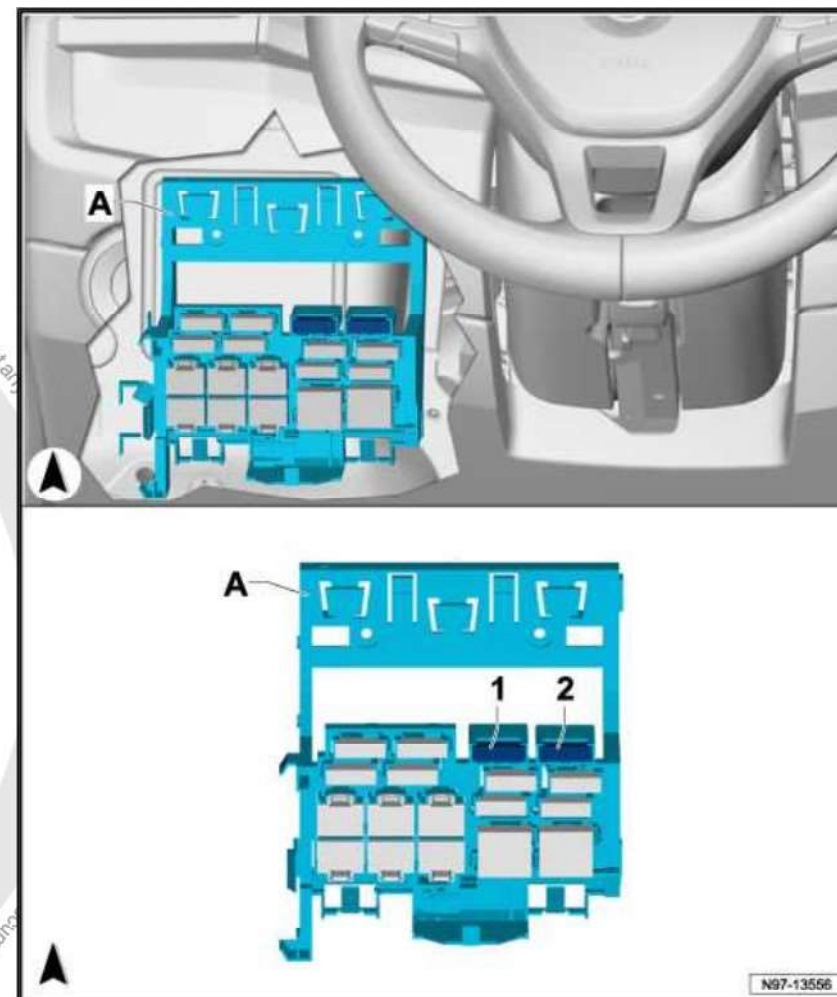
1.3.1 Fitting location in left-hand drive vehicles (L0L):

A - Fuse and relay holder

◆ behind dash panel, left

Fuse colours

40 A - orange



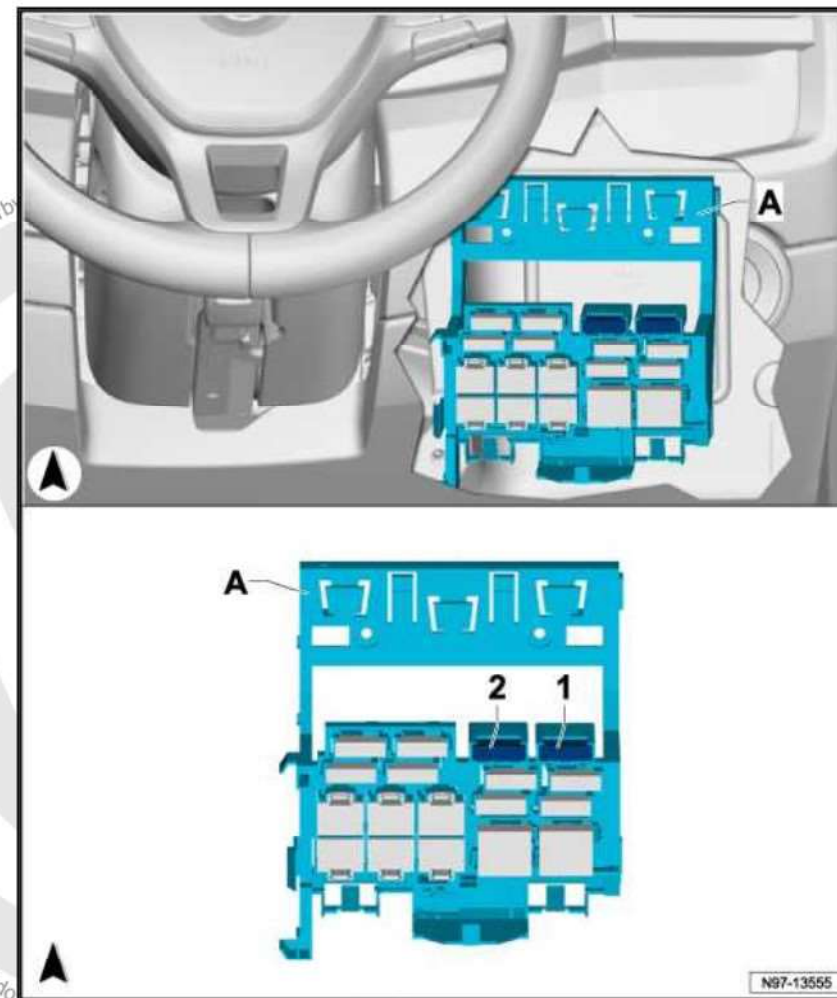
1.3.2 Fitting location in right-hand drive vehicles (L0R):

A - Fuse and relay holder

◆ behind dash panel, right

Fuse colours

40 A - orange



1.3.3 Fuse assignment:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Hot air blower single fuse -S25-	40 A	- Fresh air blower switch -E9- - Air conditioning system control unit -J301-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
2	- Window regulator thermal fuse -S43-	30 A	- Driver door control unit -J386- - Front passenger door control unit -J387-	30

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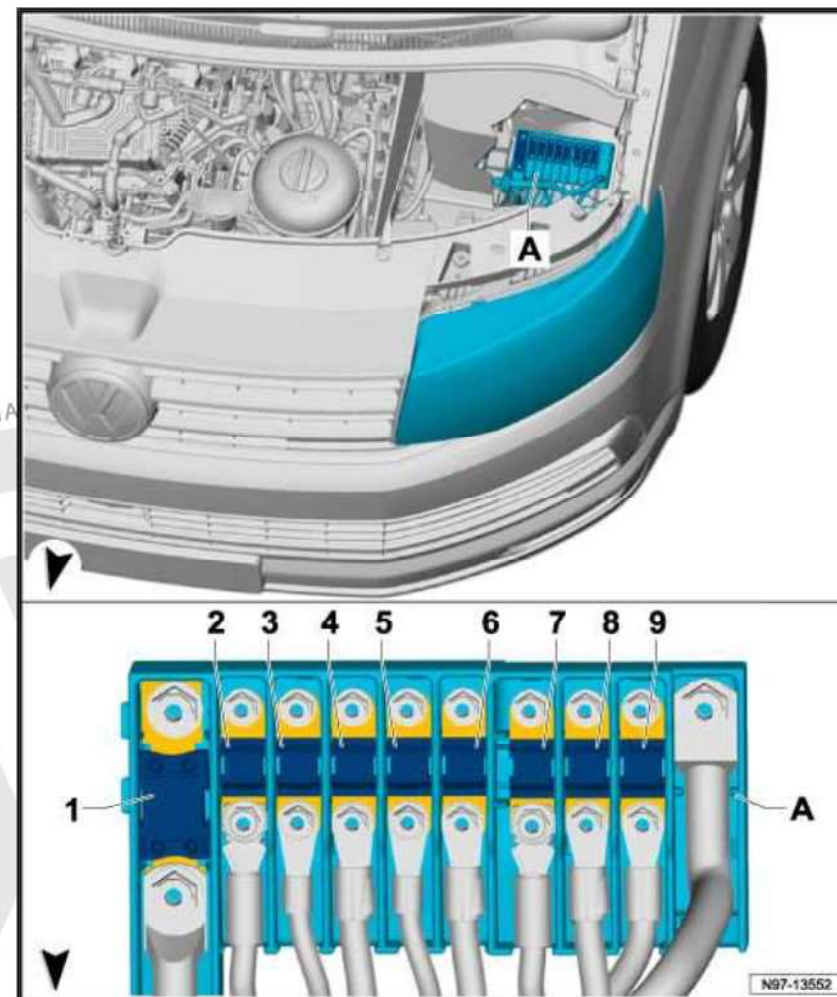
1.4 Fuse holder A -SA-

1.4.1 Fitting location:



A - Fuse holder A -SA-

- ◆ In the e-box, in engine compart., left



1.4.2 Fuse assignment:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder A -SA1-	225 A	- Alternator -C-	30
2	- Fuse 2 on fuse holder A -SA2-	125 A	- Fuse holder C -SC- (-SC1- to -SC17-)	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
3	- Fuse 3 on fuse holder A -SA3-	50 A or 100 A	- Battery isolation relay -J7- - Second battery charging circuit relay -J713- - Fuse 25 in fuse holder H -SH25- - Fuse 27 in fuse holder H -SH27- - Left sliding door control unit -J558- - Right sliding door control unit -J731-	30
4	- Fuse 4 on fuse holder A -SA4-	70 A	- D50 Positive connection (30) in engine compartment wiring harness	30
5	- Fuse 5 on fuse holder A -SA5-	80 A ¹⁾ 60 A ²⁾	- ABS control unit -J104-	30
6	- Fuse 6 on fuse holder A -SA6-	100 A	- Heated windscreen relay -J47- - Automatic glow period control unit -J179-	30
7	- Fuse 7 on fuse holder A -SA7-	100 A	- Radiator fan control unit -J293-	30
8	- Fuse 8 on fuse holder A -SA8-	50 A or 100 A	- Positive connection 1 (30) in interior wiring harness - Positive connection 2 (30) in interior wiring harness - B299 Positive connection 3 (30), in main wiring harness	30
9	- Fuse 9 on fuse holder A -SA9-	100 A	- Fuse holder C -SC- (-SC38- to -SC54-)	30



Note

♦ ¹⁾ up to June 2016

♦ ²⁾ from June 2016

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1.5 Fuse holder B -SB-

1.5.1 Fitting location:

A - Fuse holder B -SB-

◆ In the e-box, in engine compart., left

Fuse colours

40 A - blue

30 A - green

25 A - white

20 A - yellow

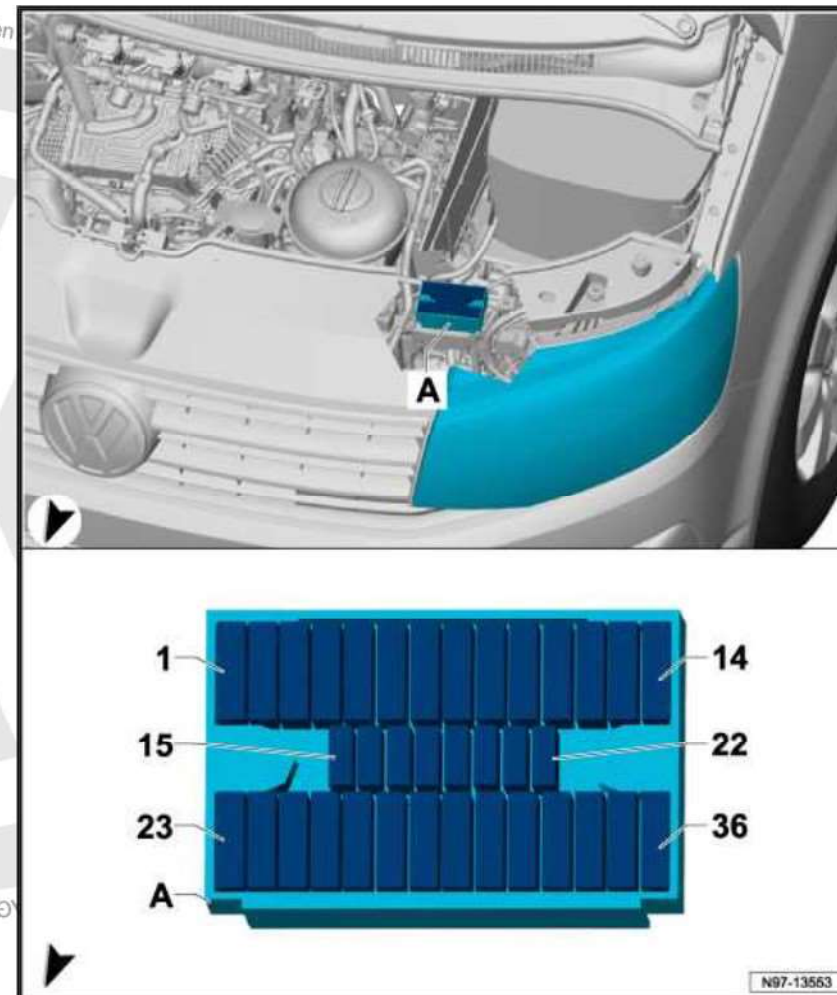
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

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1.5.2 Fuse assignment:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder B -SB1-	5 A	- Radiator fan control unit -J293-	87

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
2	- Fuse 2 on fuse holder B -SB2-	5 A	- Auxiliary Engine Coolant Pump Relay -J496- ♦ Residual heat relay -J708- ♦ Circulation pump -V55-	30
3	- Fuse 3 on fuse holder B -SB3-	5 A	- Heater element for crankcase breather -N79- ¹⁾ , ²⁾	15
4	- Fuse 4 on fuse holder B -SB4-	30 A	- Voltage stabiliser -J532- ♦ Control unit 1 for information electronics -J794- ♦ Radio -R- ♦ Fuse 22 on fuse holder C -SC22- ♦ Fuse 58 on fuse holder C -SC58-	30
5	- Fuse 5 on fuse holder B -SB5-	15 A	- Selector lever -E313- - Mechatronic unit for dual clutch gearbox -J743- - Ignition key withdrawal lock solenoid -N376-	30
6	- Fuse 6 on fuse holder B -SB6-	30 A	- ABS control unit -J104-	30
7	- Fuse 7 on fuse holder B -SB7-	5 A	- Heater element for crankcase breather -N79- ³⁾	87
8	- Fuse 8 on fuse holder B -SB8-	30 A	- Heated windscreen -Z2-	87
9	- Fuse 9 on fuse holder B -SB9-	5 A	- Engine/motor control unit -J623-	30
10	- Fuse 10 on fuse holder B -SB10-	10 A	- Charge pressure control solenoid valve -N75- ¹⁾ - Activated charcoal filter solenoid valve 1 -N80- ¹⁾ - Camshaft control valve 1 -N205- ¹⁾ - Turbocharger air recirculation valve -N249- ¹⁾ - Intake manifold flap valve -N316- ¹⁾	87
		15 A	- Charge pressure control solenoid valve -N75- ²⁾ , ³⁾ - Exhaust flap valve -N220- ²⁾ , ⁴⁾ - Charge pressure control solenoid valve 2 -N274- ³⁾ , ⁴⁾ - Intake manifold flap valve -N316- ³⁾ - Exhaust gas recirculation cooler changeover valve -N345- ²⁾ - Turbine changeover valve -N529- ³⁾ , ⁴⁾	
11	- Fuse 11 on fuse holder B -SB11-	-	- not assigned	-
12	- Fuse 12 on fuse holder B -SB12-	10 A	- Fuel pressure regulating valve -N276- ²⁾ - Fuel metering valve -N290- ²⁾ , ³⁾	87
13	- Fuse 13 on fuse holder B -SB13-	7.5 A	- Relay for reducing agent metering system -J963- ³⁾ ♦ Reducing agent tank -VX85- ³⁾ ♦ Delivery unit for reducing agent metering system -GX19- ³⁾	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
14	- Fuse 14 on fuse holder B -SB14-	5 A	- Fuel pump relay -J17- ²⁾ , ³⁾ - Electric fuel pump 2 relay -J49- ²⁾	87
15	- Fuse 15 on fuse holder B -SB15-	10 A	- Reversing light switch -F4-	15
16	- Fuse 16 on fuse holder B -SB16-	5 A	- Brake light switch -F-	87
17	- Fuse 17 on fuse holder B -SB17-	5 A	- TCS and ESP button -E256- ⁴⁾ - Tyre Pressure Loss Indicator button -E492- ⁴⁾ - Hill descent control button -E618- ⁴⁾ - ABS control unit -J104-	15
18	- Fuse 18 on fuse holder B -SB18-	5 A	- Power steering control unit -J500-	15
19	- Fuse 19 on fuse holder B -SB19-	5 A	- Clutch pedal switch -F36- ⁴⁾ - Clutch position sender -G476- ⁴⁾ - Air mass meter -G70- ²⁾ , ³⁾ , ⁴⁾	87
20	- Fuse 20 on fuse holder B -SB20-	5 A	- Engine/motor control unit -J623- - Air mass meter -G70- ¹⁾	15
21	- Fuse 21 on fuse holder B -SB21-	-	- not assigned	-
22	- Fuse 22 on fuse holder B -SB22-	-	- not assigned	-
23	- Fuse 23 on fuse holder B -SB23-	10 A	- Relay for reducing agent metering system -J963-	87
24	- Fuse 24 on fuse holder B -SB24-	5 A	- Selector lever -E313- - Mechatronic unit for dual clutch gearbox -J743-	15
25	- Fuse 25 on fuse holder B -SB25-	20 A	- Actuator 1 for camshaft adjustment -F366- to - Actuator 8 for camshaft adjustment -F373-	87
26	- Fuse 26 on fuse holder B -SB26-	30 A	- Heated windscreen -Z2-	87
27	- Fuse 27 on fuse holder B -SB27-	10 A	- Continued coolant circulation pump -V51- ²⁾ - Charge air cooling pump -V188- ³⁾ - Pump for exhaust gas recirculation cooler -V400- ³⁾	87
28	- Fuse 28 on fuse holder B -SB28-	15 A	- Control unit for NOx sender -J583- ³⁾ , ⁵⁾ ♦ NOx sender -G295- ³⁾ , ⁵⁾ - Control unit for sensor electronics -J849- ³⁾ ♦ Particulate sensor -G784- ³⁾ - Control unit for NOx sender 2 -J881- ³⁾ ♦ NOx sender 2 -G687- ³⁾	87

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
29	- Fuse 29 on fuse holder B -SB29-	15 A	- Valve for oil pressure control -N428- ³⁾ - Coolant valve for cylinder head -N489- ³⁾ - Auxiliary pump for heating -V488- ³⁾ - Fuel shut-off valve switch-off relay -J335- ¹⁾ ♦ Fuel pressure regulating valve -N276- ¹⁾	87
30	- Fuse 30 on fuse holder B -SB30-	20 A	- Fuel pump relay -J17- ²⁾ , ³⁾ ♦ Fuel system pressurisation pump -G6- ²⁾ , ³⁾ Electric fuel pump 2 relay -J49- ²⁾ ♦ Supplementary fuel pump -V393- ²⁾	30
			- Fuel pump control unit -J538- ¹⁾ ♦ Fuel system pressurisation pump -G6- ¹⁾	87
31	- Fuse 31 on fuse holder B -SB31-	15 A	- Lambda probe -G39- ♦ Lambda probe heater -Z19- Lambda probe after catalytic converter -G130- ¹⁾ ♦ Lambda probe 1 heater after catalytic converter -Z29- ¹⁾	87
32	- Fuse 32 on fuse holder B -SB32-	30 A	- Engine/motor control unit -J623- - Ignition coil 1 with output stage -N70- ¹⁾ - Ignition coil 2 with output stage -N127- ¹⁾ - Ignition coil 3 with output stage -N291- ¹⁾ - Ignition coil 4 with output stage -N292- ¹⁾	87
33	- Fuse 33 on fuse holder B -SB33-	5 A	- Automatic glow period control unit -J179- ²⁾ , ³⁾ - Auxiliary Engine Coolant Pump Relay -J496- ¹⁾ , ²⁾ - Fuel shut-off valve switch-off relay -J335- ¹⁾ - Coolant pump relay -J235- ¹⁾ ♦ Continued coolant circulation pump -V51- ¹⁾	87
34	- Fuse 34 on fuse holder B -SB34-	5 A	- Onboard supply control unit -J519- (T73b/59) ♦ Reference voltage	30
35	- Fuse 35 on fuse holder B -SB35-	5 A	- Battery monitor control unit -J367-	30
36	- Fuse 36 on fuse holder B -SB36-	30 A	- Starter inhibitor relay -J207- ♦ Starter -B-	30



Note

- ◆ ¹⁾ Only for petrol engine
- ◆ ²⁾ Only for Diesel engine with emissions standard Euro 5
- ◆ ³⁾ Only for Diesel engine with emissions standard Euro 6
- ◆ ⁴⁾ According to equipment
- ◆ ⁵⁾ From August 2018

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1.6 Fuse holder C -SC- , Fuse holder D -SD- and Fuse holder F -SF-

1.6.1 Fitting location in left-hand drive vehicles (L0L):



A - Fuse and relay holder

◆ in centre of dash panel

B - Fuse holder C -SC-

C - Fuse holder D -SD-

D - Fuse holder F -SF-

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

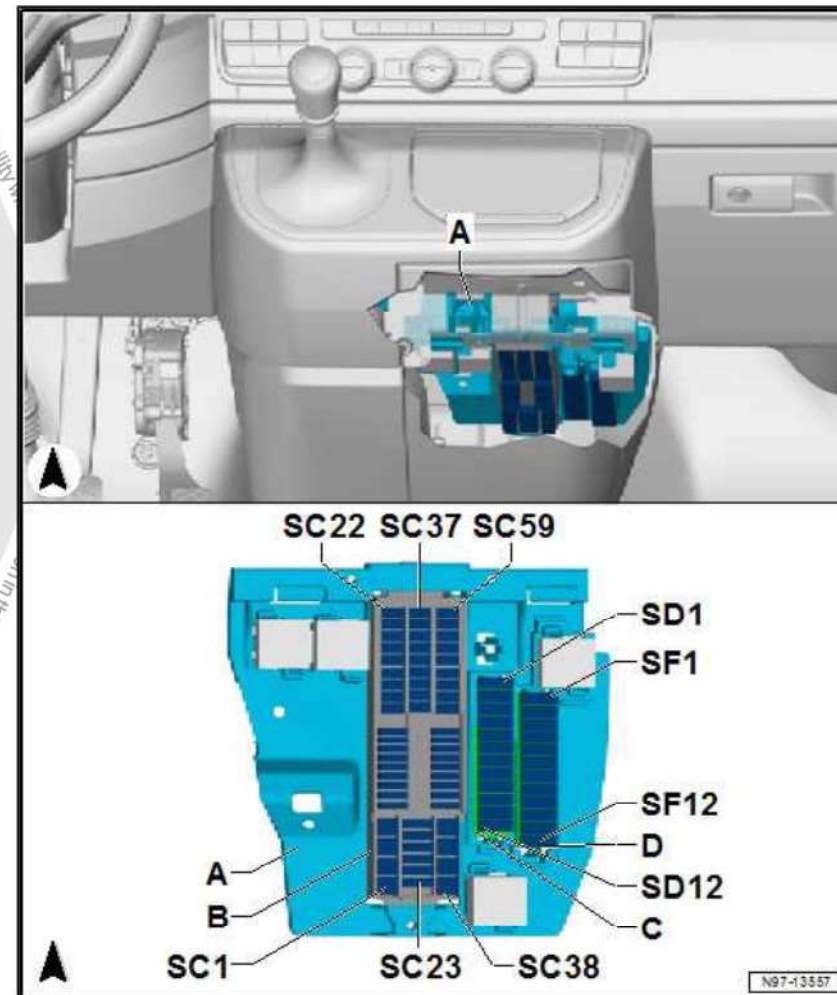
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.6.2 Fitting location in right-hand drive vehicles (L0R):

A - Fuse and relay holder

◆ in centre of dash panel

B - Fuse holder C -SC-

C - Fuse holder D -SD-

D - Fuse holder F -SF-

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

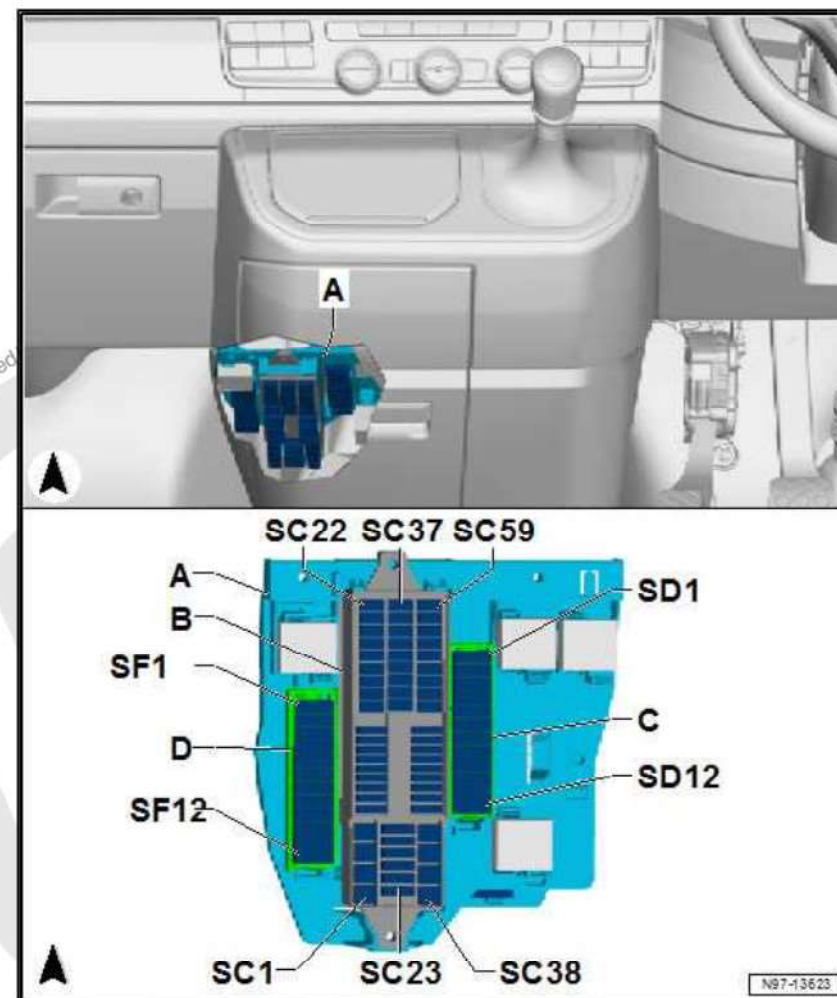
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.6.3 Fuse assignment for fuse holder C -SC- from June 2015:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder C -SC1-	40 A	- Sender for front Bitron blower regulation -G462- - ♦ Fresh air blower -V2- - Auxiliary coolant heater relay -J493- - ♦ Fresh air blower switch -E9- - ♦ Air conditioning system control unit -J301-	30
2	- Fuse 2 on fuse holder C -SC2-	60 A	- X-contact relief relay -J59- - ♦ B138 Positive connection (X), in interior wiring harness	30
3	- Fuse 3 on fuse holder C -SC3-	30 A	- Onboard supply control unit -J519- (T73a/63) - ♦ Front left headlight -MX1- - ♦ Front right headlight -MX2- - ♦ Reversing light - ♦ Rear fog light	30
4	- Fuse 4 on fuse holder C -SC4-	40 A	- Window regulator thermal fuse -S43- - Fuse 18 on fuse holder C -SC18- - Fuse 22 on fuse holder C -SC22- - Fuse 57 on fuse holder C -SC57- to - Fuse 59 on fuse holder C -SC59- - Fuse 1 on fuse holder D -SD1- to - Fuse 6 on fuse holder D -SD6- - Fuse 9 on fuse holder D -SD9- - Fuse 1 in fuse holder F -SF1- to - Fuse 3 in fuse holder F -SF3- - Fuse 5 in fuse holder F -SF5- - Fuse 6 in fuse holder F -SF6- - Fuse 9 in fuse holder F -SF9- - Fuse 10 in fuse holder F -SF10-	30
5	- Fuse 5 on fuse holder C -SC5-	7.5 A ⁶⁾	- Onboard supply control unit -J519- (T73a/66) - ♦ Interior light - ♦ Side lights - ♦ Tail light	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		15 A ⁷⁾	- Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
6	- Fuse 6 on fuse holder C -SC6-	30 A	- Onboard supply control unit -J519- (T73b/67) ◆ Heated rear window	30
7	- Fuse 7 on fuse holder C -SC7-	30 A	- Terminal 15 voltage supply relay -J329- ◆ B165 Positive connection 2 (15) in interior wiring harness	30
8	- Fuse 8 on fuse holder C -SC8-	5 A	- Light switch -E1-	30
9	- Fuse 9 on fuse holder C -SC9-	5 A	- Steering column combination switch -E595- ◆ Headlight dipper and flasher switch -E4- ◆ Onboard supply control unit -J519- (T73b/8)	30
10	- Fuse 10 on fuse holder C -SC10-	30 A	- Control unit 1 for information electronics -J794- - Radio -R-	30
11	- Fuse 11 on fuse holder C -SC11-	30 A	- Onboard supply control unit -J519- (T73a/73) ◆ Horn	30
12	- Fuse 12 on fuse holder C -SC12-	20 A	- Onboard supply control unit -J519- (T73b/11) ◆ Reversing light ◆ Fog light	30
13	- Fuse 13 on fuse holder C -SC13-	30 A	- Onboard supply control unit -J519- (T73a/68) ◆ Windscreen wiper motor -V-	30
14	- Fuse 14 on fuse holder C -SC14-	5 A	- Differential lock control unit -J187- - Isolation relay for powertrain CAN bus -J788- - 16-pin connector -T16- (diagnostics)	30
15	- Fuse 15 on fuse holder C -SC15-	7.5 A	- Fresh air and air recirculation flap switch -E159- - Climatronic control unit -J255- - Air conditioning system control unit -J301-	30
16	- Fuse 16 on fuse holder C -SC16-	10 A	- Onboard supply control unit -J519- (T73b/39) ◆ Internal supply	30
17	- Fuse 17 on fuse holder C -SC17-	10 A	- Onboard supply control unit -J519- (T73a/64) ◆ heated exterior mirror	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
18	Fuse 18 on fuse holder C -SC18-	5 A	- Two-way signal amplifier for mobile telephone/data services -J984- - Storage compartment with interface for mobile telephone -R265- - Reversing camera -R189- - USB hub -R293-	30
		7.5 A	- Reversing camera -R189- - USB hub -R293-	30
19	Fuse 19 on fuse holder C -SC19-	7.5 A	- (B250) Positive connection, in roof wiring harness	30G
20	Fuse 20 on fuse holder C -SC20-	7.5 A	- (B315) Positive connection 1 (30a) in main wiring harness	30G
21	Fuse 21 on fuse holder C -SC21-	10 A	- X-contact relief relay -J59- ¹⁾ - Onboard supply control unit -J519- (T73b/51) ¹⁾ - Interface for external use 6-pin connector -T6bn/5- ¹⁾	75x
22	Fuse 22 on fuse holder C -SC22-	5 A	- Dash panel insert -K-	30
23	Fuse 23 on fuse holder C -SC23-	5 A	- Interface for external use 10-pin connector -T10bj/4- ¹⁾ - Interface for external use 10-pin connector -T10bj/8- ¹⁾ - Starter inhibitor relay -J207- ¹⁾	50
		30 A	- Starter -B- ¹⁾	50
		30 A	- Starter inhibitor relay -J207- ¹⁾	15
		30 A	- Starter relay 1 -J906- ¹⁾ ♦ Starter relay 2 -J907- ¹⁾ ♦ Starter -B- ¹⁾	15
24	Fuse 24 on fuse holder C -SC24-	7.5 A	- Fresh air and air recirculation flap switch -E159- - Rear fresh air blower switch -E179- - Fresh air blower isolation relay -J487-	75x
25	Fuse 25 on fuse holder C -SC25-	10 A	- Rear window wiper motor -V12- - Rear left wing door window wiper motor -V92- - Rear right wing door window wiper motor -V93- - Left washer jet heater element -Z20- - Right washer jet heater element -Z21-	75x
26	Fuse 26 on fuse holder C -SC26-	5 A	- Onboard supply control unit -J519- (T73b/51) ¹⁾ - Interface for external use 6-pin connector -T6bn/5- ¹⁾	75x
27	Fuse 27 on fuse holder C -SC27-	25 A	- Heated front seats control unit -J774-	75x
28	Fuse 28 on fuse holder C -SC28-	5 A	- Auxiliary coolant heater relay -J493-	75x
29	Fuse 29 on fuse holder C -SC29-	10 A	- Airbag control unit -J234- - Warning lamp for airbag deactivated on front passenger side -K145-	15

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
30	- Fuse 30 on fuse holder C -SC30-	10 A	<ul style="list-style-type: none"> - Mirror adjustment switch -E43- - Headlight range control regulator -E102- - Accident data recorder button -E497- - High-pressure sender -G65- - Air quality sensor -G238- - Oil level and oil temperature sender -G266- - Trailer detector control unit -J345- - Parking aid control unit -J446- ⁴⁾ - Headlight range control unit -J431- - Accident data memory -J754- - Front left headlight -MX1- - Front right headlight -MX2- - 4-pin connector -T4as/3- - 10-pin connector -T10bz/4- - Diagnostic connection -U31- - Left headlight range control motor -V48- - Right headlight range control motor -V49- - Coolant shut-off valve relay -J541- ◆ Climatronic coolant shut-off valve -N422- Voltage supply relay 2 -J710- ⁵⁾ ◆ Parking aid control unit -J446- ⁵⁾ 	15
31	- Fuse 31 on fuse holder C -SC31-	-	- not assigned	15
32	- Fuse 32 on fuse holder C -SC32-	7.5 A	<ul style="list-style-type: none"> - Light switch -E1- - Operating and display unit for camping equipment -E153- - Start/Stop operation button -E693- - Tachograph -G24- - Steering angle sender -G85- - Electronically controlled damping control unit -J250- - Multifunction steering wheel control unit -J453- - Onboard supply control unit -J519- (T73a/44) - Voltage stabiliser -J532- - Main beam assist control unit -J844- - Dash panel insert -K- - Automatic anti-dazzle interior mirror -Y7- - Headlight dipper and flasher switch -E4- ◆ Onboard supply control unit -J519- (T73a/62) ◆ Onboard supply control unit -J519- (T73b/8) 	15

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
33	- Fuse 33 on fuse holder C -SC33-	10 A	- Rear differential lock switch -E121- - Vacuum switch for rear differential lock -F363- - All-wheel drive control unit -J492- - Differential lock control unit -J187- ◆ Differential lock valve 1 -N125- ◆ Differential lock valve 2 -N126-	15
34	- Fuse 34 on fuse holder C -SC34-	5 A	- Operating and display unit for camping equipment -E153- - Internet access control unit -J666- - 10-pin connector -T10bj/10- - Interface for external use 10-pin connector -T10bh/9-	15
35	- Fuse 35 on fuse holder C -SC35-	10 A	- 10-pin connector -T10cb/7- - 12-pin connector -T12y/3-	15
		15 A	- Taximeter -G41- - Taxi alarm remote control, control unit -J601-	15
36	- Fuse 36 on fuse holder C -SC36-	15 A	- Intermittent wiper switch -E22- - Rear wiper switch -E34- - Washer pump switch (automatic wash/wipe and headlight washer system) -E44- ◆ Onboard supply control unit -J519- ◆ Washer pump -V5- ◆ Rear window wiper motor -V12- ◆ Windscreen and rear window washer pump -V59- ◆ Rear left wing door window wiper motor -V92- ◆ Rear right wing door window wiper motor -V93-	15
37	- Fuse 37 on fuse holder C -SC37-	5 A	- Cruise control system switch -E45- - Cruise control system (CCS) SET button -E227- - Adaptive cruise control unit -J428- - Lane change assist control unit -J769- - Lane change assist control unit 2 -J770-	15
38	- Fuse 38 on fuse holder C -SC38-	40 A	- Ignition/starter switch -D-	30
39	- Fuse 39 on fuse holder C -SC39-	20 A	- Ignition/starter switch -D-	30
40	- Fuse 40 on fuse holder C -SC40-	-	- Not assigned ⁸⁾	30
		20 A	- 12 V socket 6 -U33- ⁹⁾ , ¹⁰⁾	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
41	- Fuse 41 on fuse holder C -SC41-	30 A	- Onboard supply control unit -J519- (T73b/68) ♦ Front left headlight -MX1- ♦ Front right headlight -MX2- ♦ Side lights ♦ Tail light	30
42	- Fuse 42 on fuse holder C -SC42-	25 A ²⁾ 30 A ³⁾	- Fresh air blower isolation relay -J487- ♦ Rear fresh air blower switch -E179-	30
		30 A	- Rear blower regulation sender -G463- ♦ Rear fresh air blower -V80-	30
43	- Fuse 43 on fuse holder C -SC43-	30 A	- Control unit for reducing agent heater -J891-	30
44	- Fuse 44 on fuse holder C -SC44-	15 A	- Rear lid control unit -J605-	30
		20 A	- Alarm horn -H12- - Onboard supply control unit -J519- (T73a/16) ♦ Central locking - Rear lid control unit -J605- - Left sliding door control unit -J558- - Right sliding door control unit -J731-	30
45	- Fuse 45 on fuse holder C -SC45-	30 A	- Amplifier -R12-	30
46	- Fuse 46 on fuse holder C -SC46-	20 A	- Auxiliary heater control unit -J364-	30
47	- Fuse 47 on fuse holder C -SC47-	25 A	- Onboard supply control unit -J519- (T73b/13) ♦ Turn signal ♦ Brake light	30
48	- Fuse 48 on fuse holder C -SC48-	25 A	- Sliding sunroof adjustment control unit -J245-	30
49	- Fuse 49 on fuse holder C -SC49-	15 A	- Cigarette lighter -U1-	30
50	- Fuse 50 on fuse holder C -SC50-	25 A	- Headlight washer system relay -J39- ♦ Headlight washer system pump -V11-	30
51	- Fuse 51 on fuse holder C -SC51-	5 A	- Steering angle sender -G85-	30
52	- Fuse 52 on fuse holder C -SC52-	5 A	- Interior monitor send and receive module 1 -G303- - Interior monitor send and receive module 2 -G305-	30
53	- Fuse 53 on fuse holder C -SC53-	5 A	- Rain and light sensor -G397-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
54	- Fuse 54 on fuse holder C -SC54-	7.5 A	- Operating and display unit for camping equipment -E153- - Roof display unit -J702- - Remote control receiver for auxiliary heater -R64- - Remote control receiver for auxiliary coolant heater -R149- - Residual heat relay -J708- ◆ Circulation pump -V55-	30
55	- Fuse 55 on fuse holder C -SC55-	5 A	- Operating and display unit for camping equipment -E153- - Onboard supply control unit -J519- (T73a/42) - Roof hydraulics control unit -J768- - 10-pin connector -T10bj/6- - Interface for external use 10-pin connector -T10bh/6-	86s
56	- Fuse 56 on fuse holder C -SC56-	5 A	- Starter inhibitor relay -J207- - Engine/motor control unit -J623- - Interface for external use 10-pin connector -T10bj/4- - Interface for external use 10-pin connector -T10bj/8-	50
57	- Fuse 57 on fuse holder C -SC57-	5 A	- Operating and display unit for rear air conditioning system -E265-	30
58	- Fuse 58 on fuse holder C -SC58-	10 A	- Tachograph -G24-	30
59	- Fuse 59 on fuse holder C -SC59-	5 A	- Taximeter -G41-	30
		10 A	- Red cross light switch -E10- ◆ Red cross light bulb -L4-	30
		10 A	- Rotating light switch -E162- ◆ Rotating light relay -J326- ◆ Rotating light motor -V61-	30




Note

- ◆ ¹⁾ see applicable current flow diagram for engine
- ◆ ²⁾ Only models with air conditioning system
- ◆ ³⁾ Only models with no air conditioning system
- ◆ ⁴⁾ only models with no electrically operated rear lid
- ◆ ⁵⁾ only models with electric rear lid opener
- ◆ ⁶⁾ only models with no roof console
- ◆ ⁷⁾ only models with roof console
- ◆ ⁸⁾ up to November 2015
- ◆ ⁹⁾ from November 2015
- ◆ ¹⁰⁾ Only models with no second battery

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1.6.4 Fuse assignment for fuse holder C -SC- from June 2016:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder C -SC1-	40 A	- Sender for front Bitron blower regulation -G462- ◆ Fresh air blower -V2- Auxiliary coolant heater relay -J493- ◆ Fresh air blower switch -E9- ◆ Air conditioning system control unit -J301-	30
2	- Fuse 2 on fuse holder C -SC2-	60 A	- X-control relief relay -J59- ◆  Positive connection (X), in interior wiring harness	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
3	- Fuse 3 on fuse holder C -SC3-	30 A	- Onboard supply control unit -J519- (T73a/63) ◆ Front left headlight -MX1- ◆ Front right headlight -MX2- ◆ Reversing light ◆ Rear fog light	30
4	- Fuse 4 on fuse holder C -SC4-	40 A	- Window regulator thermal fuse -S43- - Fuse 18 on fuse holder C -SC18- - Fuse 22 on fuse holder C -SC22- - Fuse 57 on fuse holder C -SC57- to - Fuse 59 on fuse holder C -SC59- - Fuse 1 on fuse holder D -SD1- to - Fuse 7 on fuse holder D -SD7- - Fuse 9 on fuse holder D -SD9- - Fuse 1 in fuse holder F -SF1- to - Fuse 3 in fuse holder F -SF3- - Fuse 5 in fuse holder F -SF5- to - Fuse 7 in fuse holder F -SF7- - Fuse 9 in fuse holder F -SF9- - Fuse 10 in fuse holder F -SF10-	30
5	- Fuse 5 on fuse holder C -SC5-	7.5 A ⁶⁾	- Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
		15 A ⁷⁾	- Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
6	- Fuse 6 on fuse holder C -SC6-	30 A	- Onboard supply control unit -J519- (T73b/67) ◆ Heated rear window	30
7	- Fuse 7 on fuse holder C -SC7-	30 A	- Terminal 15 voltage supply relay -J329- ◆ B165 Positive connection 2 (15) in interior wiring harness	30
8	- Fuse 8 on fuse holder C -SC8-	5 A	- Light switch -E1-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
9	- Fuse 9 on fuse holder C -SC9-	5 A	- Steering column combination switch -E595- ♦ Headlight dipper and flasher switch -E4- ♦ Onboard supply control unit -J519- (T73b/8)	30
10	- Fuse 10 on fuse holder C -SC10-	30 A	- Control unit 1 for information electronics -J794- - Radio -R-	30
11	- Fuse 11 on fuse holder C -SC11-	30 A	- Onboard supply control unit -J519- (T73a/73) ♦ Horn	30
12	- Fuse 12 on fuse holder C -SC12-	15 A	- Onboard supply control unit -J519- (T73b/11) ♦ Reversing light ♦ Fog light	30
13	- Fuse 13 on fuse holder C -SC13-	30 A	- Onboard supply control unit -J519- (T73a/68) ♦ Windscreen wiper motor -V-	30
14	- Fuse 14 on fuse holder C -SC14-	5 A	- Differential lock control unit -J187- - Isolation relay for powertrain CAN bus -J788- - 16-pin connector -T16- (diagnostics)	30
15	- Fuse 15 on fuse holder C -SC15-	7.5 A	- Fresh air and air recirculation flap switch -E159- - Climatronic control unit -J255- - Air conditioning system control unit -J301-	30
16	- Fuse 16 on fuse holder C -SC16-	5 A	- Onboard supply control unit -J519- (T73b/39) ♦ Internal supply	30
17	- Fuse 17 on fuse holder C -SC17-	10 A	- Onboard supply control unit -J519- (T73a/64) ♦ heated exterior mirror	30
18	- Fuse 18 on fuse holder C -SC18-	7.5 A	- USB hub -R293-	30
		7.5 A	- Two-way signal amplifier for mobile telephone/data services -J984- - Storage compartment with interface for mobile telephone -R265- - Reversing camera -R189- - USB hub -R293-	30
19	- Fuse 19 on fuse holder C -SC19-	7.5 A	- B250 Positive connection, in roof wiring harness	30G
20	- Fuse 20 on fuse holder C -SC20-	7.5 A	- B315 Positive connection 1 (30a) in main wiring harness	30G
21	- Fuse 21 on fuse holder C -SC21-	10 A	- Onboard supply control unit -J519- (T73b/51) - Relay 1 for ignition bypass -J903- 9) - Interface for external use 6-pin connector -T6bn/5-	75x
22	- Fuse 22 on fuse holder C -SC22-	5 A	- Dash panel insert -K-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
23	- Fuse 23 on fuse holder C -SC23-	5 A	- Interface for external use 10-pin connector -T10bj/4- ¹⁾ - Interface for external use 10-pin connector -T10bj/8- ¹⁾ - Starter inhibitor relay -J207- ¹⁾	50
		30 A	- Starter -B- ¹⁾	50
		30 A	- Starter inhibitor relay -J207- ¹⁾	15
		30 A	- Starter relay 1 -J906- ¹⁾ ♦ Starter relay 2 -J907- ¹⁾ ♦ Starter -B- ¹⁾	15
24	- Fuse 24 on fuse holder C -SC24-	7.5 A	- Fresh air and air recirculation flap switch -E159- - Rear fresh air blower switch -E179- - Fresh air blower isolation relay -J487-	75x
25	- Fuse 25 on fuse holder C -SC25-	10 A	- Rear window wiper motor -V12- - Rear left wing door window wiper motor -V92- - Rear right wing door window wiper motor -V93- - Left washer jet heater element -Z20- - Right washer jet heater element -Z21-	75x
26	- Fuse 26 on fuse holder C -SC26-	5 A	- Terminal 75 voltage supply relay 1 -J680- ⁹⁾ , ¹⁰⁾	75x
		15 A	- Interface for external use 10-pin connector -T10bh/1-	75x
27	- Fuse 27 on fuse holder C -SC27-	25 A	- Heated front seats control unit -J774-	75x
28	- Fuse 28 on fuse holder C -SC28-	5 A	- Auxiliary coolant heater relay -J493-	75x
29	- Fuse 29 on fuse holder C -SC29-	10 A	- Airbag control unit -J234- - Warning lamp for airbag deactivated on front passenger side -K145-	15

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
30	- Fuse 30 on fuse holder C -SC30-	10 A	<ul style="list-style-type: none"> - Mirror adjustment switch -E43- - Headlight range control regulator -E102- - Accident data recorder button -E497- ⁹⁾ , ¹⁰⁾ - High-pressure sender -G65- - Air quality sensor -G238- - Oil level and oil temperature sender -G266- - Trailer detector control unit -J345- - Parking aid control unit -J446- ⁴⁾ - Headlight range control unit -J431- - Accident data memory -J754- - Front left headlight -MX1- - Front right headlight -MX2- - 4-pin connector -T4as/3- - 10-pin connector -T10bz/4- - Diagnostic connection -U31- - Left headlight range control motor -V48- - Right headlight range control motor -V49- - Coolant shut-off valve relay -J541- ◆ Climatronic coolant shut-off valve -N422- Voltage supply relay 2 -J710- ⁵⁾ ◆ Parking aid control unit -J446- ⁵⁾ 	15
31	- Fuse 31 on fuse holder C -SC31-	-	- not assigned	15
32	- Fuse 32 on fuse holder C -SC32-	7.5 A	<ul style="list-style-type: none"> - Light switch -E1- - Operating and display unit for camping equipment -E153- - Accident data recorder button -E497- ¹¹⁾ - Start/Stop operation button -E693- - Tachograph -G24- - Steering angle sender -G85- - Electronically controlled damping control unit -J250- - Multifunction steering wheel control unit -J453- - Onboard supply control unit -J519- (T73a/44) - Accident data memory -J754- ¹¹⁾ - Main beam assist control unit -J844- - Dash panel insert -K- - Automatic anti-dazzle interior mirror -Y7- - Headlight dipper and flasher switch -E4- ◆ Onboard supply control unit -J519- (T73a/62) ◆ Onboard supply control unit -J519- (T73b/8) 	15

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
33	- Fuse 33 on fuse holder C -SC33-	10 A	- Rear differential lock switch -E121- - Vacuum switch for rear differential lock -F363- - All-wheel drive control unit -J492- - Differential lock control unit -J187- ♦ Differential lock valve 1 -N125- ♦ Differential lock valve 2 -N126-	15
34	- Fuse 34 on fuse holder C -SC34-	5 A	- Operating and display unit for camping equipment -E153- - Internet access control unit -J666- - 10-pin connector -T10bj/10- - Interface for external use 10-pin connector -T10bh/9-	15
35	- Fuse 35 on fuse holder C -SC35-	10 A	- 10-pin connector -T10cb/7- - 12-pin connector -T12y/3-	15
		15 A	- Taximeter -G41- - Mirror taximeter -G511- - Taxi alarm remote control, control unit -J601-	15
36	- Fuse 36 on fuse holder C -SC36-	15 A	- Intermittent wiper switch -E22- - Rear wiper switch -E34- - Washer pump switch (automatic wash/wipe and headlight washer system) -E44- ♦ Onboard supply control unit -J519- ♦ Washer pump -V5- ♦ Rear window wiper motor -V12- ♦ Windscreen and rear window washer pump -V59- ♦ Rear left wing door window wiper motor -V92- ♦ Rear right wing door window wiper motor -V93-	15
37	- Fuse 37 on fuse holder C -SC37-	5 A	- Cruise control system switch -E45- - Cruise control system (CCS) SET button -E227- - Adaptive cruise control unit -J428- - Lane change assist control unit -J769- - Lane change assist control unit 2 -J770-	15
38	- Fuse 38 on fuse holder C -SC38-	40 A	- Ignition/starter switch -D-	30
39	- Fuse 39 on fuse holder C -SC39-	20 A	- Ignition/starter switch -D-	30
40	- Fuse 40 on fuse holder C -SC40-	20 A	- 12 V socket 6 -U33- 8) , 12)	30
		30 A	- Auxiliary heater relay -J8- 13) , 14) , 15) , 16) ♦ Fresh air blower series resistor with overheating fuse -N24- 13) , 14) , 15) , 16)	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
41	- Fuse 41 on fuse holder C -SC41-	30 A	- Onboard supply control unit -J519- (T73b/68) ♦ Front left headlight -MX1- ♦ Front right headlight -MX2- ♦ Side lights ♦ Tail light	30
42	- Fuse 42 on fuse holder C -SC42-	25 A ²⁾ 30 A ³⁾	- Fresh air blower isolation relay -J487- ♦ Rear fresh air blower switch -E179-	30
		30 A	- Rear blower regulation sender -G463- ♦ Rear fresh air blower -V80-	30
43	- Fuse 43 on fuse holder C -SC43-	30 A	- Control unit for reducing agent heater -J891-	30
44	- Fuse 44 on fuse holder C -SC44-	15 A	- Rear lid control unit -J605-	30
		20 A	- Alarm horn -H12- - Onboard supply control unit -J519- (T73a/16) ♦ Central locking - Rear lid control unit -J605- - Left sliding door control unit -J558- - Right sliding door control unit -J731-	30
45	- Fuse 45 on fuse holder C -SC45-	30 A	- Amplifier -R12-	30
46	- Fuse 46 on fuse holder C -SC46-	20 A	- Auxiliary heater control unit -J364- ¹⁷⁾	30
			- Auxiliary heater control unit -J364- ¹³⁾ , ¹⁴⁾ , ¹⁶⁾	30
47	- Fuse 47 on fuse holder C -SC47-	25 A	- Onboard supply control unit -J519- (T73b/13) ♦ Turn signal ♦ Brake light	30
48	- Fuse 48 on fuse holder C -SC48-	25 A	- Sliding sunroof adjustment control unit -J245-	30
49	- Fuse 49 on fuse holder C -SC49-	15 A	- Cigarette lighter -U1-	30
50	- Fuse 50 on fuse holder C -SC50-	25 A	- Headlight washer system relay -J39- ♦ Headlight washer system pump -V11-	30
51	- Fuse 51 on fuse holder C -SC51-	5 A	- Steering angle sender -G85-	30
52	- Fuse 52 on fuse holder C -SC52-	5 A	- Interior monitor send and receive module 1 -G303- - Interior monitor send and receive module 2 -G305-	30
53	- Fuse 53 on fuse holder C -SC53-	5 A	- Rain and light sensor -G397-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
54	- Fuse 54 on fuse holder C -SC54-	7.5 A	- Operating and display unit for camping equipment -E153- - Roof display unit -J702- - Remote control receiver for auxiliary heater -R64- - Remote control receiver for auxiliary coolant heater -R149- - Residual heat relay -J708- ◆ Circulation pump -V55-	30
55	- Fuse 55 on fuse holder C -SC55-	5 A	- Operating and display unit for camping equipment -E153- - Onboard supply control unit -J519- (T73a/42) - Roof hydraulics control unit -J768- - 10-pin connector -T10bj/6- - Interface for external use 10-pin connector -T10bh/6-	86s
56	- Fuse 56 on fuse holder C -SC56-	5 A	- Starter inhibitor relay -J207- - Engine/motor control unit -J623- - Interface for external use 10-pin connector -T10bj/4- - Interface for external use 10-pin connector -T10bj/8-	50
57	- Fuse 57 on fuse holder C -SC57-	5 A	- Operating and display unit for rear air conditioning system -E265-	30
58	- Fuse 58 on fuse holder C -SC58-	10 A	- Tachograph -G24-	30
59	- Fuse 59 on fuse holder C -SC59-	5 A	- Taximeter -G41- - Mirror taximeter -G511-	30
		10 A	- Red cross light switch -E10- ◆ Red cross light bulb -L4-	30
		10 A	- Rotating light switch -E162- ◆ Rotating light relay -J326- ◆ Rotating light motor -V61-	30



Note

- ◆ *1) see applicable current flow diagram for engine*
- ◆ *2) Only models with air conditioning system*
- ◆ *3) Only models with no air conditioning system*
- ◆ *4) only models with no electrically operated rear lid*
- ◆ *5) only models with electric rear lid opener*
- ◆ *6) only models with no roof console*
- ◆ *7) only models with roof console*
- ◆ *8) Only models with no second battery*
- ◆ *9) Only models with special police equipment (IS4)*
- ◆ *10) Only models with special police equipment (IS5)*
- ◆ *11) Only models with no special police equipment*
- ◆ *12) up to November 2017*
- ◆ *13) from November 2017*
- ◆ *14) For models with auxiliary coolant heater*
- ◆ *15) For models with no Climatronic*
- ◆ *16) For models with start/stop system*
- ◆ *17) for models with supplementary heater*

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1.6.5 Fuse assignment for fuse holder D -SD- :

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder D -SD1-	5 A	- Two-way radio button -E76- - Front interior light (door contact) button -E459- - Ignition bypass button -E489- - Button for daytime running light switch-off -E652-	30
		5 A	- Voltage supply relay 1 -J701- ¹⁾ , ⁴⁾ - Voltage supply relay 2 -J710- ¹⁾ , ⁴⁾ ♦ Parking aid control unit -J446- ¹⁾ , ⁴⁾	30
		15 A	- Interior light switch (taxi) -E115- ⁵⁾ - Taximeter -G41- ⁹⁾ - Taxi alarm remote control, control unit -J601- ⁸⁾ - Two-way radio -R8-	30
		20 A	- All-wheel drive control unit -J492- ¹⁾ , ³⁾	30
2	- Fuse 2 on fuse holder D -SD2-	30 A	- Special vehicle control unit -J608- ⁷⁾	30
3	- Fuse 3 on fuse holder D -SD3-	15 A	- Onboard charging unit -A11- ²⁾ - Internet access control unit -J666-	30
		15 A	- Alarm horn relay -J641- ♦ Treble horn -H2-	30
		30 A	- Rear lid power opening control unit -J938- ¹⁾ , ⁴⁾	30
4	- Fuse 4 on fuse holder D -SD4-	10 A	- Interior light relay -J602- ♦ Switch and instrument illumination regulator -E20-	30
		15 A	- Alarm system relay 1 -J460- ♦ Onboard supply control unit -J519- (T73b/1) ♦ Front left headlight -MX1-	30
5	- Fuse 5 on fuse holder D -SD5-	15 A	- Alarm system relay 1 -J460- ♦ Onboard supply control unit -J519- (T73a/1) ♦ Front right headlight -MX2-	30
		15 A	- Electronically controlled damping control unit -J250- ¹⁾	30
6	- Fuse 6 on fuse holder D -SD6-	15 A	- Interface for external use 10-pin connector -T10bj/1-	56a
		25 A	- 10-pin connector -T10bj/1-	30
7	- Fuse 7 on fuse holder D -SD7-	5 A	- Interface for external use 10-pin connector -T10bh/4- - Interface for external use 10-pin connector -T10bh/5-	56b

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		5 A	- 6-pin connector -T6bn/2-	56b
		5 A	- Interior light switch (taxi) -E115- ⁸⁾ - Taxi sign switch -E138- ⁸⁾	30
8	- Fuse 8 on fuse holder D -SD8-	5 A	- Accident data memory -J754-	56b
		5 A	- Accident data memory -J754- - 6-pin connector -T6bn/1-	56b
		15 A	- Interface for external use 10-pin connector -T10bh/1- ⁵⁾	75x
9	- Fuse 9 on fuse holder D -SD9-	10 A	- Relay 1 for ignition bypass -J903- - Relay 2 for ignition bypass -J904-	30
		25 A	- Interface for external use 6-pin connector -T6bn/3-	15
10	- Fuse 10 on fuse holder D -SD10-	5 A	- Interface for external use 10-pin connector -T10bh/2-	NSW
		5 A	- 10-pin connector -T10bj/3-	NSW
11	- Fuse 11 on fuse holder D -SD11-	10 A	- Accident data memory -J754-	56a
		15 A	- Accident data memory -J754- - 10-pin connector -T10bj/5-	56a
		15 A	- Interface for external use 10-pin connector -T10bh/8-	56a
		15 A	- Accident data memory -J754- ⁶⁾ - Interface for external use 10-pin connector -T10bh/8- ⁶⁾ - Interface for external use 10-pin connector -T10bj/5- ⁶⁾	56a
12	- Fuse 12 on fuse holder D -SD12-	3 A	- 10-pin connector -T10bj/9-	58d
		3 A	- Interface for external use 10-pin connector -T10bh/7-	58d



Note

- ◆ ¹⁾ Only right-hand drive models (L0R)
- ◆ ²⁾ Only models with camping equipment (A8L/A8R)
- ◆ ³⁾ Valid until January 2016
- ◆ ⁴⁾ Valid from January 2016
- ◆ ⁵⁾ Valid up to June 2016
- ◆ ⁶⁾ Valid from June 2016
- ◆ ⁷⁾ Only models with no special police equipment
- ◆ ⁸⁾ applicable up to November 2017
- ◆ ⁹⁾ applicable up to November 2017

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1.6.6 Fuse assignment for fuse holder F -SF- :

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 in fuse holder F -SF1-	20 A	- All-wheel drive control unit -J492- ¹⁾ - All-wheel drive control unit -J492- ²⁾ , ⁵⁾	30
2	- Fuse 2 in fuse holder F -SF2-	5 A ⁶⁾ 10 A ⁷⁾	- Interior light relay -J602- ³⁾ ◆ Switch and instrument illumination regulator -E20- ³⁾	30
3	- Fuse 3 in fuse holder F -SF3-	30 A	- Driver seat adjustment control unit -J810- ¹⁾ - Switch module for front passenger seat -E664- ²⁾ ◆ Front passenger seat longitudinal adjustment motor -V31- ²⁾ ◆ Front passenger seat front height adjustment motor -V32- ²⁾ ◆ Front passenger seat rear height adjustment motor -V33- ²⁾ ◆ Front passenger seat backrest adjustment motor -V46- ²⁾	30
4	- Fuse 4 in fuse holder F -SF4-	-	- Not assigned ⁹⁾	-

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		5 A	- Emergency call module control unit and communication unit -J949- ¹⁰⁾	30
5	- Fuse 5 in fuse holder F -SF5-	15 A	- Electronically controlled damping control unit -J250- ¹⁾	30
6	- Fuse 6 in fuse holder F -SF6-	30 A	- Driver seat adjustment control unit -J810- ²⁾ - Switch module for front passenger seat -E664- ¹⁾ ♦ Front passenger seat longitudinal adjustment motor -V31- ¹⁾ ♦ Front passenger seat front height adjustment motor -V32- ¹⁾ ♦ Front passenger seat rear height adjustment motor -V33- ¹⁾ ♦ Front passenger seat backrest adjustment motor -V46- ¹⁾	30
7	- Fuse 7 in fuse holder F -SF7-	-	- Not assigned ⁶⁾	-
		5 A	- Accident data memory -J754- ⁷⁾ , ⁸⁾	30
8	- Fuse 8 in fuse holder F -SF8-	-	- not assigned	-
9	- Fuse 9 in fuse holder F -SF9-	5 A	- Diagnosis wire relay -J1069- ⁴⁾	30
		5 A	- Voltage supply relay 1 -J701- ¹⁾ , ⁵⁾ - Voltage supply relay 2 -J710- ¹⁾ , ⁵⁾ ♦ Parking aid control unit -J446- ¹⁾ , ⁵⁾	30
10	- Fuse 10 in fuse holder F -SF10-	30 A	- Rear lid power opening control unit -J938- ¹⁾ , ⁵⁾	30
11	- Fuse 11 in fuse holder F -SF11-	-	- Not assigned ¹¹⁾	-
		20 A	- 12 V socket 6 -U33- ¹²⁾ , ¹³⁾	30
12	- Fuse 12 in fuse holder F -SF12-	-	- not assigned	-



Note

- ◆ ¹⁾ Only right-hand drive models (L0L)
- ◆ ²⁾ Only right-hand drive models (L0R)
- ◆ ³⁾ Only models with ambient lighting, version 2
- ◆ ⁴⁾ Only models with LED headlights
- ◆ ⁵⁾ Valid from January 2016
- ◆ ⁶⁾ Valid up to June 2016
- ◆ ⁷⁾ Valid from June 2016
- ◆ ⁸⁾ Only models with no special police equipment
- ◆ ⁹⁾ applicable up to November 2016
- ◆ ¹⁰⁾ applicable from November 2016
- ◆ ¹¹⁾ applicable up to November 2017
- ◆ ¹²⁾ applicable from November 2017
- ◆ ¹³⁾ For models with no second battery

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1.7 Fuse holder H -SH-

1.7.1 Fitting location:

A - Fuse and relay holder

◆ under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

20 A - yellow

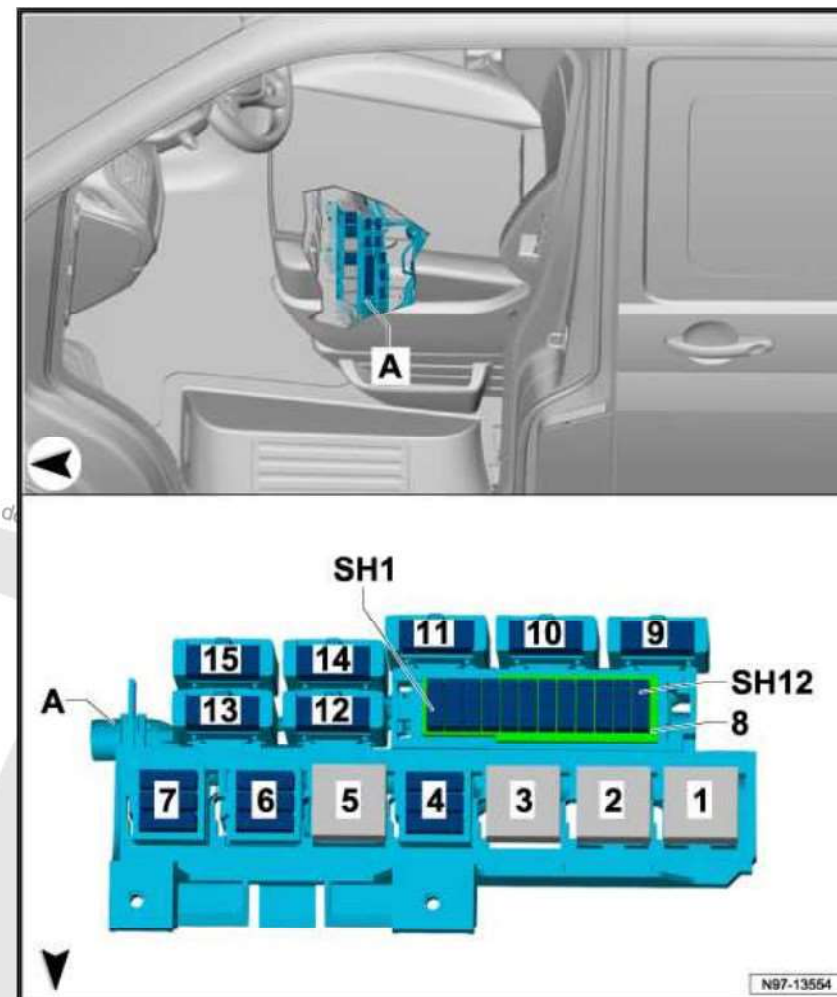
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



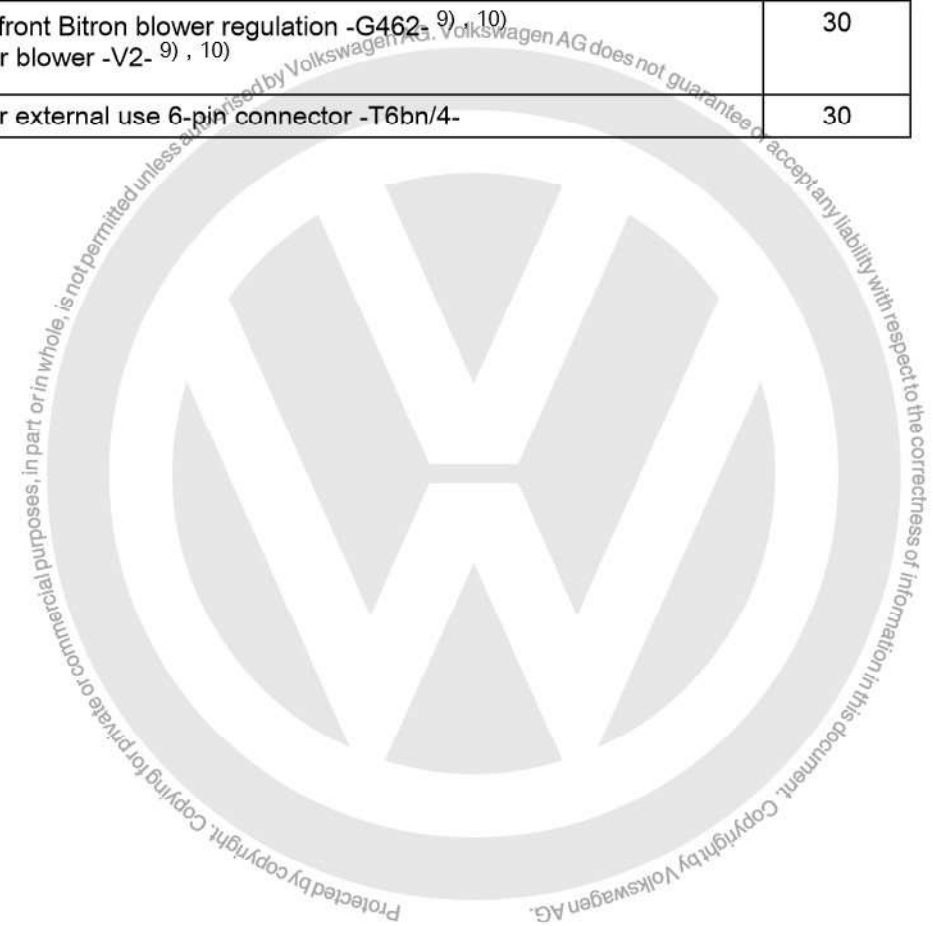
1.7.2 Fuse assignment for -S131-, -S132-, -S133- and -SH1- to -SH30- :

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1) 1	Fuse 1 -S131-	10 A	<ul style="list-style-type: none"> - Right interior light -W17- 2) , 6) - Rear right interior light -W48- 2) , 6) - Kitchenette light 1 -W57- 2) - Kitchenette light 3 -W59- 2) 	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1) .2	- Fuse 2 -S132-	15 A	- 12 V socket -U5- 2) , 6)	30
1) .3	- Fuse 3 -S133-	15 A	- 12 V socket 5 -U26- 2) , 6) - Kitchenette light 2 -W58- 2) , 6) - Front left reading light -W65- 2) , 6)	30
4.1	- Fuse 13 in fuse holder H -SH13-	7.5 A	- Climatronic control unit -J255- 9) , 10) , 12)	30
		30 A	- Auxiliary heater relay -J8- 9) , 11) , 14) ♦ Fresh air blower series resistor with overheating fuse -N24- 9) , 11) , 14)	30
		30 A	- Auxiliary heater relay -J8- 9) , 11) , 13) , 15) ♦ Fresh air blower series resistor with overheating fuse -N24- 9) , 11) , 13) , 15)	30
4.2	- Fuse 14 in fuse holder H -SH14-	-	- not assigned	-
4.3	- Fuse 15 in fuse holder H -SH15-	30 A	- Trailer voltage supply relay -J941- ♦ Trailer socket -U10-	30
5.1	- Fuse 22 in fuse holder H -SH22-	-	- not assigned	-
5.2	- Fuse 23 in fuse holder H -SH23-	-	- not assigned	-
5.3	- Fuse 24 in fuse holder H -SH24-	-	- not assigned	-
6.1	- Fuse 16 in fuse holder H -SH16-	30 A	- Onboard charging unit -A11- 3) Light control relay -J73- 3) , 6) ♦ kitchenette light 4 -W121- 3) , 6)	30
6.2	- Fuse 17 in fuse holder H -SH17-	30 A	- Roof hydraulics control unit -J768-	30
6.3	- Fuse 18 in fuse holder H -SH18-	10 A	- Rear right reading light -W12- 3) - Right interior light -W17- 3) - Rear right interior light -W48- 3) - Kitchenette light 1 -W57- 3) - Kitchenette light 2 -W58- 3) - Kitchenette light 3 -W59- 3)	30
7.1	- Fuse 19 in fuse holder H -SH19-	10 A	- Refrigerator box -J698- 3)	30
7.2	- Fuse 20 in fuse holder H -SH20-	5 A	- Water pump switch for shower -E134- 3) - Water pump switch -E80- 3) ♦ Coolant pump -V36- 3)	30
7.3	- Fuse 21 in fuse holder H -SH21-	5 A	- Operating and display unit for camping equipment -E153- 3)	30
8.1	- Fuse 1 in fuse holder H -SH1-	15 A	- 12 V socket 2 -U18-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
8.2	Fuse 2 in fuse holder H -SH2-	15 A	- Onboard charging unit -A11- ²⁾	30
		15 A	- Map reading light bulb -L34- ³⁾ - 12 V socket -U5- ³⁾	30
		15 A	- 12 V socket 3 -U19- ⁴⁾	30
8.3	Fuse 3 in fuse holder H -SH3-	10 A	- Switch-over relay 1 for roof ventilator -J180- - Switch for roof ventilator to ventilate load area -E534- - Switch for roof ventilator to extract air from load area -E535-	30
		15 A	- 12 V socket 4 -U20-	30
8.4	Fuse 4 in fuse holder H -SH4-	15 A	- Trailer detector control unit -J345-	30
8.5	Fuse 5 in fuse holder H -SH5-	20 A	- Trailer detector control unit -J345-	30
8.6	Fuse 6 in fuse holder H -SH6-	20 A	- Trailer detector control unit -J345-	30
8.7	Fuse 7 in fuse holder H -SH7-	10 A	- End position button for cupboard light -E905- ³⁾ , ⁶⁾ ◆ Cupboard light -W120- ³⁾ , ⁶⁾ Reading light relay -J91- ²⁾ , ³⁾ , ⁶⁾ ◆ Left luggage compartment light -W18- ³⁾ , ⁶⁾ ◆ Rear lid light -W51- ²⁾ , ³⁾ , ⁶⁾ ◆ Interior light -W64- ²⁾ , ³⁾ , ⁶⁾ ◆ Front left reading light -W65- ²⁾ , ³⁾ , ⁶⁾ ◆ Front right reading light -W66- ²⁾ , ³⁾ , ⁶⁾ ◆ Rear lid light 2 -W101- ²⁾ , ³⁾ , ⁶⁾ ◆ Kitchen background lighting -W122- ³⁾ , ⁶⁾	30
		15 A	- 10-pin connector -T10cb/6-	30
8.8	Fuse 8 in fuse holder H -SH8-	-	- not assigned	-
8.9	Fuse 9 in fuse holder H -SH9-	5 A	- Electric torch -R280-	30
8.1 0	Fuse 10 in fuse holder H -SH10-	15 A	- 12 V socket -U5- ⁵⁾	30
		30 A	- DC/AC converter with socket, 12 V - 230 V -U13- ²⁾ - DC/AC converter with socket, 12 V - 115 V -U27- ²⁾	30
8.1 1	Fuse 11 in fuse holder H -SH11-	20 A	- Auxiliary heater control unit -J364- ⁹⁾ , ¹⁴⁾	30
		20 A	- Auxiliary heater control unit -J364- ⁹⁾ , ¹³⁾ , ¹⁵⁾	30
		25 A	- Auxiliary air heater control unit -J604- ⁸⁾	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
8.1 2	- Fuse 12 in fuse holder H -SH12-	15 A	- Driver seat lumbar support adjustment switch -E176- - Front passenger seat lumbar support adjustment switch -E177-	30
7)	- Fuse 25 in fuse holder H -SH25-	40 A	- Right sliding door control unit -J731-	30
7)	- Fuse 26 in fuse holder H -SH26-	80 A	- Second battery -A1-	30
7)	- Fuse 27 in fuse holder H -SH27-	40 A	- Left sliding door control unit -J558-	30
7)	- Fuse 28 in fuse holder H -SH28-	30 A	- Onboard charging unit -A11- ²⁾	30
7)	- Fuse 29 in fuse holder H -SH29-	40 A	- Sender for front Bitron blower regulation -G462- ⁹⁾ , ¹⁰⁾ ♦ Fresh air blower -V2- ⁹⁾ , ¹⁰⁾	30
7)	- Fuse 30 in fuse holder H -SH30-	40 A	- Interface for external use 6-pin connector -T6bn/4-	30





Note

- ◆ ¹⁾ Fuse location depends on equipment level, locations 1 to 7
- ◆ ²⁾ Only models with camping equipment (A9A)
- ◆ ³⁾ Only models with camping equipment (A8L/A8R)
- ◆ ⁴⁾ Only models with no camping equipment
- ◆ ⁵⁾ Only models with refrigerator box and with no camping equipment
- ◆ ⁶⁾ According to equipment
- ◆ ⁷⁾ Fuse location depends on equipment level, locations 9 to 15
- ◆ ⁸⁾ For models with auxiliary air heater
- ◆ ⁹⁾ For models with auxiliary coolant heater
- ◆ ¹⁰⁾ For models with Climatronic
- ◆ ¹¹⁾ For models with no Climatronic
- ◆ ¹²⁾ For models with start/stop system
- ◆ ¹³⁾ For models with no start/stop system
- ◆ ¹⁴⁾ up to November 2017
- ◆ ¹⁵⁾ from November 2017

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1.8 Fuse holder J -SJ- for special equipment

1.8.1 Fuse assignment for -SJ1- to -SJ9- :

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
7	- Fuse 1 on fuse holder J -SJ1-	30 A	- Contact 86s relay -J629- ²⁾ ♦ Wiring junction -TV1- ²⁾	30
	- Fuse 2 on fuse holder J -SJ2-	30 A	- Terminal 75x voltage supply relay -J694- ²⁾ ♦ Wiring junction -TV1- ²⁾	30
	- Fuse 3 on fuse holder J -SJ3-	30 A	- Switch illumination relay -J141- ²⁾ ♦ Wiring junction -TV1- ²⁾	30
7 ⁴⁾	- Fuse 4 on fuse holder J -SJ4-	10 A	- Multimedia system display unit 1 -Y22- ¹⁾	30
	- Fuse 5 on fuse holder J -SJ5-	5 A	- Multimedia system display unit 1 -Y22- ¹⁾	86s
	- Fuse 6 on fuse holder J -SJ6-	-	- not assigned	-
7 ⁴⁾	- Fuse 7 on fuse holder J -SJ7-	30 A	- Fuse 2 on fuse holder K -SK2- ³⁾ Current supply relay -J16- ³⁾ ♦ Fuse 3 on fuse holder K -SK3- ³⁾	30
	- Fuse 8 on fuse holder J -SJ8-	-	- not assigned	-
	- Fuse 9 on fuse holder J -SJ9-	-	- not assigned	-



Note

- ♦ ¹⁾ only models with Rear Seat Entertainment (15.4 inches)
- ♦ ²⁾ only models with adjustable rear seat (business)
- ♦ ³⁾ only models with Rear Seat Entertainment (10.2 inches)
- ♦ ⁴⁾ only models with adjustable rear seat (business) avoid position 6

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1.9 Fuse 31 in fuse holder H -SH31-

1.9.1 Fitting location:

A - Coupling point in interior, left -TIL-

◆ under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

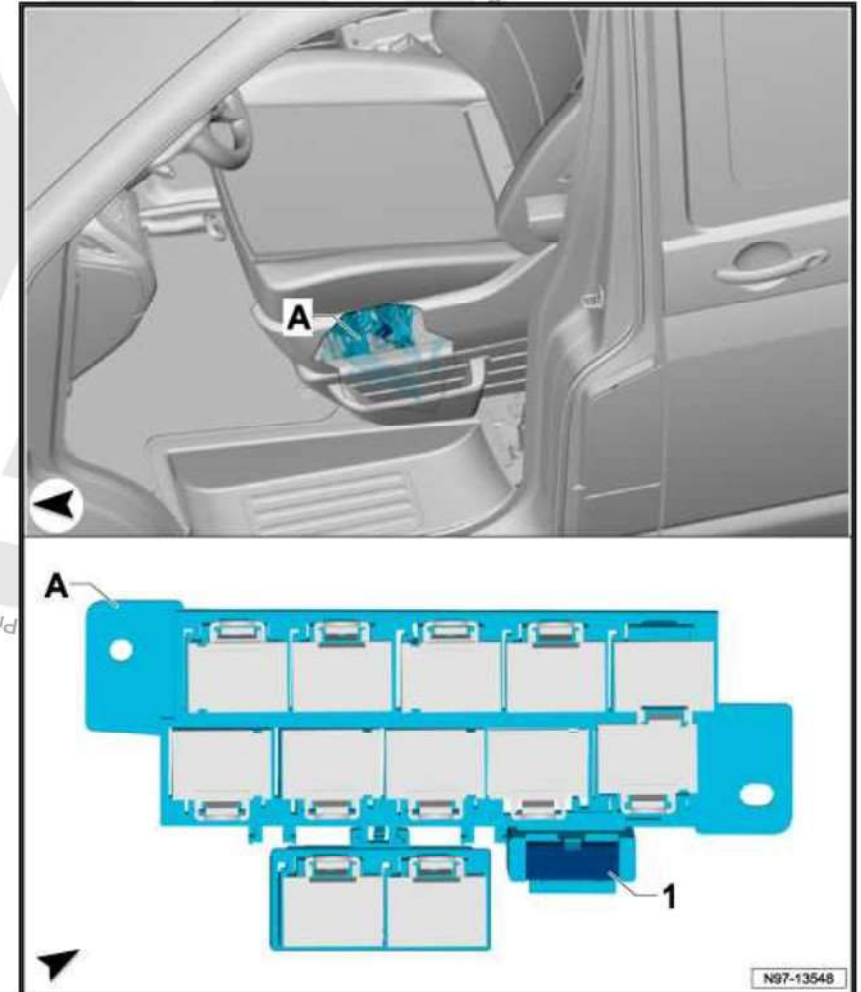
20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



1.9.2 Fuse assignment:

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 31 in fuse holder H -SH31-	15 A	- 12 V socket 6 -U33- ¹⁾	30
		15 A	- 12 V socket 6 -U33- ²⁾ , ³⁾	30



Note

- ◆ ¹⁾ up to November 2015
- ◆ ²⁾ from November 2015
- ◆ ³⁾ Only models with second battery

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1.10 Fuse holder H -SH- (-SH35- to -SH50-)

1.10.1 Fitting location:

A - Fuse and relay holder

◆ under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

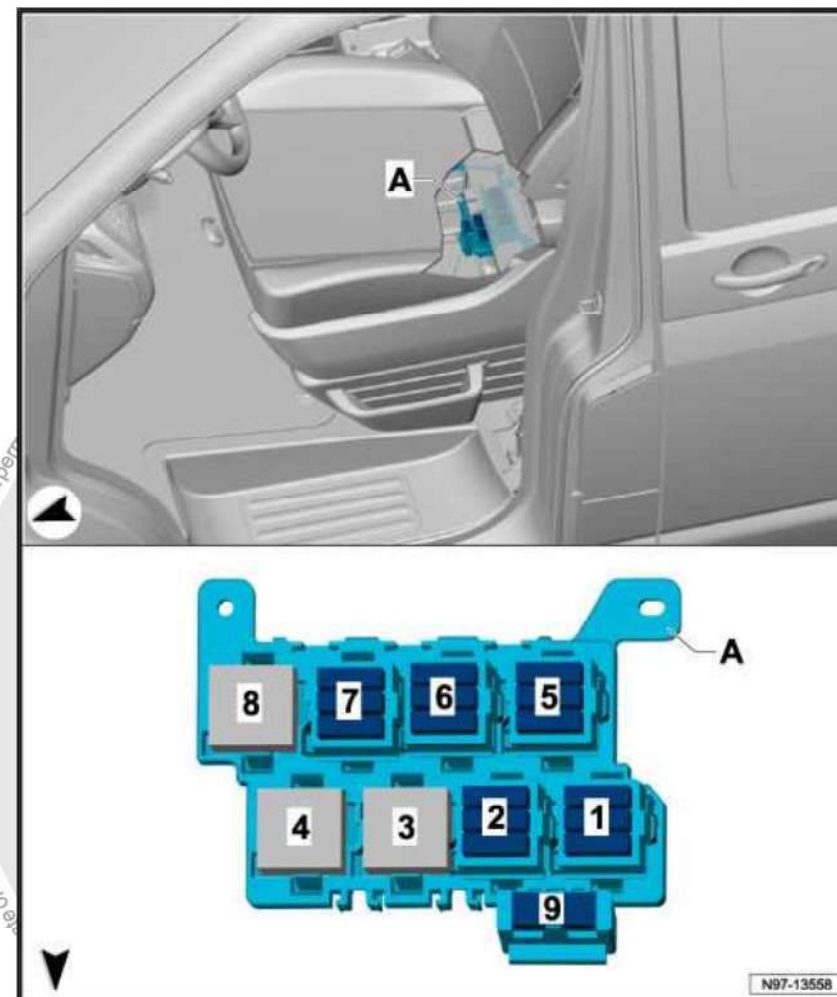
20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



1.10.2 Fuse assignment for special vehicles (IS4):

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 35 in fuse holder H -SH35-	15 A	- 2-pin connector -T2bj-	30
	- Fuse 36 in fuse holder H -SH36-	15 A	- 2-pin connector -T2bh-	30
	- Fuse 37 in fuse holder H -SH37-	15 A	- 6-pin connector -T6ce-	30
2	- Fuse 38 in fuse holder H -SH38-	20 A	- 4-pin connector -T4au-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
	- Fuse 39 in fuse holder H -SH39-	15 A	- 2-pin connector -T2bl- - 4-pin connector -T4au-	30
	- Fuse 40 in fuse holder H -SH40-	15 A	- 2-pin connector -T2bg-	30
5	- Fuse 41 in fuse holder H -SH41-	10 A	- Rotating light relay -J326-	30
	- Fuse 42 in fuse holder H -SH42-	15 A	- Interior light relay -J602- - 3-pin connector -T3aj- - 3-pin connector -T3ak- - 3-pin connector -T3al- - 3-pin connector -T3am- - 3-pin connector -T3an- - 6-pin connector -T6ce-	30
	- Fuse 43 in fuse holder H -SH43-	10 A	- Flashing lights relay -J630- - Flashing lights relay 2 -J890- - 4-pin connector -T4ap- - 8-pin connector -T8ah- - Rear left reading light 2 -W78- - Rear right reading light 2 -W79-	30
6	- Fuse 44 in fuse holder H -SH44-	5 A	- Accident data memory -J754-	30
	- Fuse 45 in fuse holder H -SH45-	7.5 A	- 4-pin connector -T4aq-	30
	- Fuse 46 in fuse holder H -SH46-	7.5 A	- 4-pin connector -T4ao-	30
7	- Fuse 47 in fuse holder H -SH47-	15 A	- Terminal 75 voltage supply relay 1 -J680-	30
	- Fuse 48 in fuse holder H -SH48-	30 A	- Special vehicle control unit -J608-	30
	- Fuse 49 in fuse holder H -SH49-	15 A	- Two-way radio voltage relay -J84-	30
9	- Fuse 50 in fuse holder H -SH50-	-	- not assigned	-

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1.10.3 Fuse assignment for special vehicles (IS5):

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 35 in fuse holder H -SH35-	10 A	- 10-pin connector -T10bz-	30
	- Fuse 36 in fuse holder H -SH36-	25 A	- Control unit for ignition bypass -J905-	30
	- Fuse 37 in fuse holder H -SH37-	15 A	- Relay 1 for ignition bypass -J903-	30
2	- Fuse 38 in fuse holder H -SH38-	-	- not assigned	-
	- Fuse 39 in fuse holder H -SH39-	-	- not assigned	-
	- Fuse 40 in fuse holder H -SH40-	-	- not assigned	-

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
5	- Fuse 41 in fuse holder H -SH41-	10 A	- 8-pin connector -T8ah-	30
	- Fuse 42 in fuse holder H -SH42-	10 A	- 6-pin connector -T6ck-	30
	- Fuse 43 in fuse holder H -SH43-	10 A	- Flashing lights relay -J630- - Flashing lights relay 2 -J890- - Flashing lights relay 3 -J900- - Flashing lights relay 4 -J901-	30
6	- Fuse 44 in fuse holder H -SH44-	5 A	- Accident data memory -J754-	30
	- Fuse 45 in fuse holder H -SH45-	25 A	- 6-pin connector -T6cb-	30
	- Fuse 46 in fuse holder H -SH46-	15 A	- 2-pin connector -T2bu- - 4-pin connector -T4at-	30
7	- Fuse 47 in fuse holder H -SH47-	15 A	- Terminal 75 voltage supply relay 1 -J680-	30
	- Fuse 48 in fuse holder H -SH48-	10 A	- 2-pin connector -T2bv-	30
	- Fuse 49 in fuse holder H -SH49-	-	- not assigned	-
9	- Fuse 50 in fuse holder H -SH50-	40 A	- 6-pin connector -T6cj-	30

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