

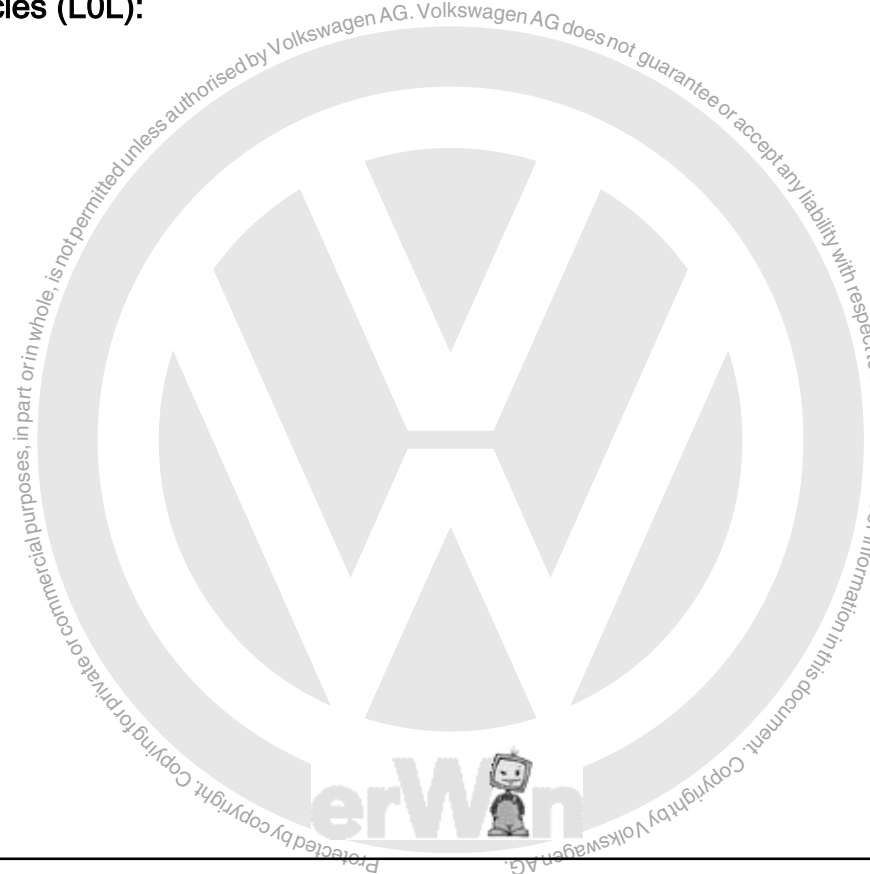
 Note

- ◆ 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

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

1.5.1 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

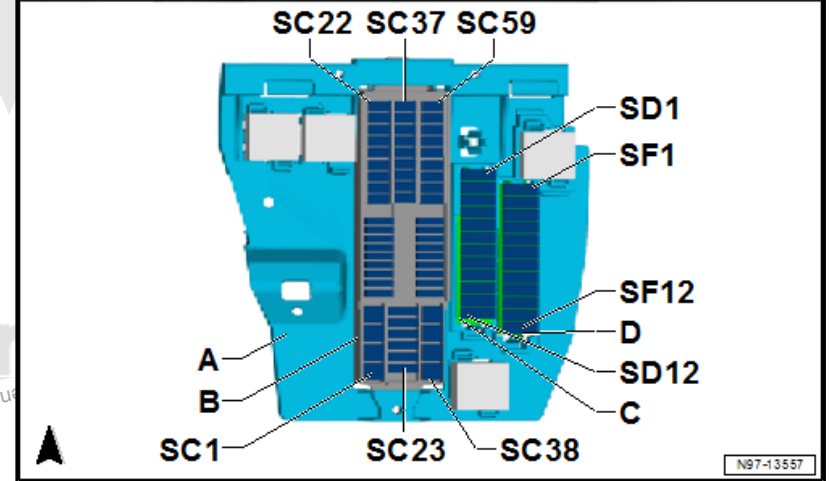
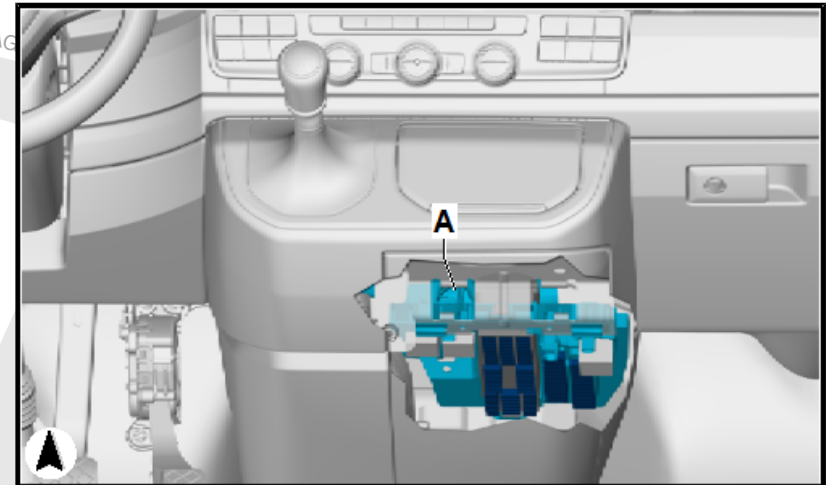
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.5.2 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

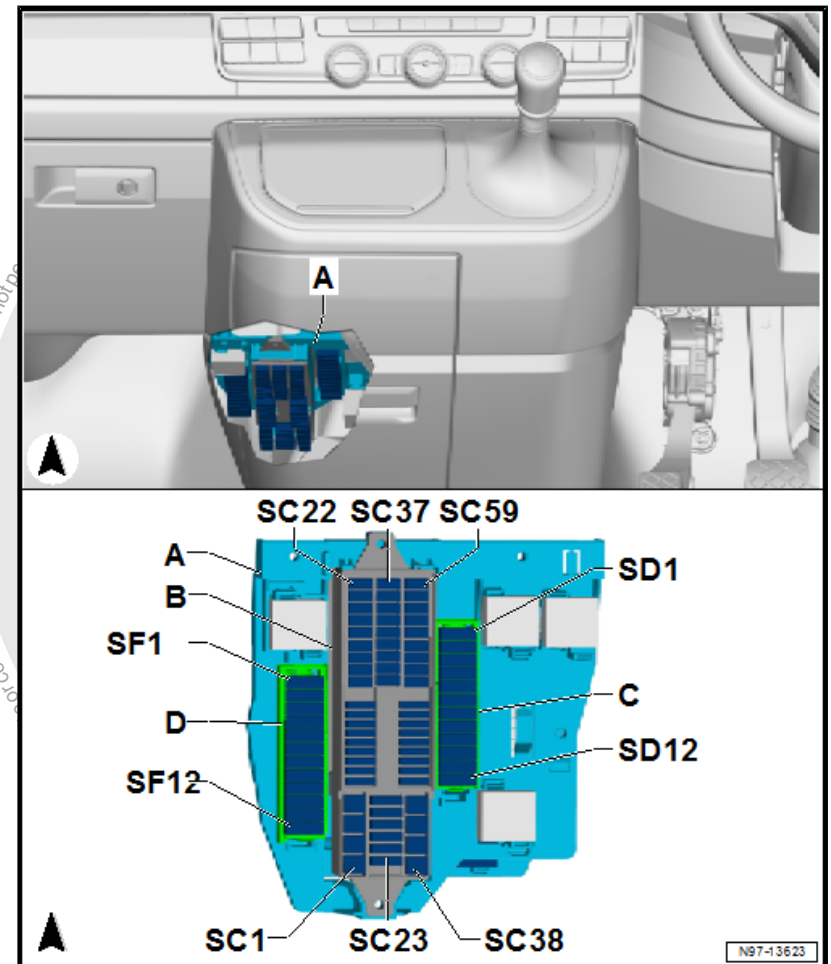
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.5.3 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)	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)	30
		15 A ⁷⁾	- Onboard supply control unit -J519- (T73a/66)	30
6	Fuse 6 on fuse holder C -SC6-	30 A	- Onboard supply control unit -J519- (T73b/67)	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)	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
12	- Fuse 12 on fuse holder C -SC12-	20 A	- Onboard supply control unit -J519- (T73b/11)	30
13	- Fuse 13 on fuse holder C -SC13-	30 A	- Onboard supply control unit -J519- (T73a/68)	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)	30
17	- Fuse 17 on fuse holder C -SC17-	10 A	- Onboard supply control unit -J519- (T73a/64)	30
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

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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- - Front passenger airbag deactivated warning lamp -K145-	15
30	- Fuse 30 on fuse holder C -SC30-	10 A	- 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

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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
33	- Fuse 33 on fuse holder C -SC33-	10 A	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 10-pin connector -T10cb/7- - 12-pin connector -T12y/3- 	15
		15 A	<ul style="list-style-type: none"> - Taximeter -G41- - Taxi alarm remote control, control unit -J601- 	15

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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
41	- Fuse 41 on fuse holder C -SC41-	30 A	- Onboard supply control unit -J519- (T73b/68)	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) - 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)	30


No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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
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 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⁾ To November 2015
- ◆ ⁹⁾ from November 2015
- ◆ ¹⁰⁾ Only models with no second battery

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1.5.4 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-contact relief relay -J59- ◆  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)	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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)	30
		15 A ⁷⁾	- Onboard supply control unit -J519- (T73a/66)	30
6	- Fuse 6 on fuse holder C -SC6-	30 A	- Onboard supply control unit -J519- (T73b/67)	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)	30
12	- Fuse 12 on fuse holder C -SC12-	15 A	- Onboard supply control unit -J519- (T73b/11)	30
13	- Fuse 13 on fuse holder C -SC13-	30 A	- Onboard supply control unit -J519- (T73a/68)	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)	30
17	- Fuse 17 on fuse holder C -SC17-	10 A	- Onboard supply control unit -J519- (T73a/64)	30
18	- Fuse 18 on fuse holder C -SC18-	7.5 A	- USB hub -R293-	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		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
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- - Front passenger airbag deactivated warning lamp -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- <p>Voltage supply relay 2 -J710- ⁵⁾</p> <ul style="list-style-type: none"> ♦ 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) - 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⁾	30
41	- Fuse 41 on fuse holder C -SC41-	30 A	- Onboard supply control unit -J519- (T73b/68)	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

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		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) - 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)	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
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 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

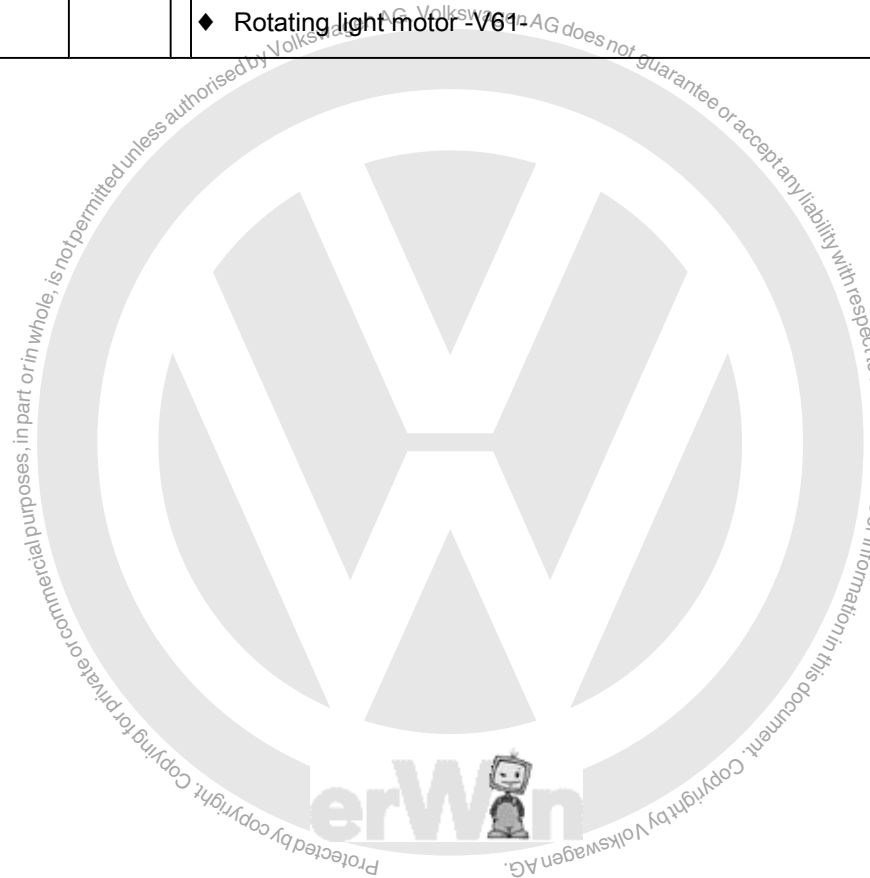
No.	Current flow diagram designation	Nominal value	Function/component	Terminal
59	- Fuse 59 on fuse holder C -SC59-	5 A	- Taximeter -G41- - Mirror taximeter -G511-	30
		10 A	- Red Cross light switch -E10- ◆ Red Cross light bulb -L4-	30
		10 A	- Rotating light switch -E162- ◆ Rotating light relay -J326- ◆ 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*

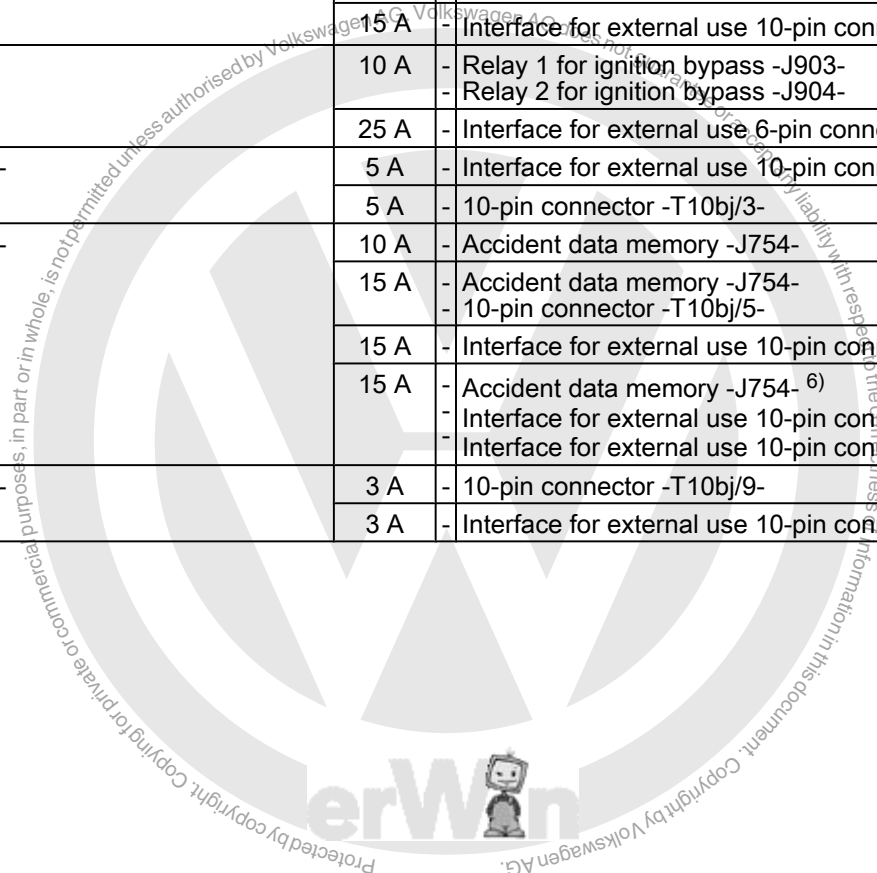
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1.5.5 Fuse assignment for fuse holder D -SD- :

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- - Taxi alarm remote control, control unit -J601- - 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 supply charger 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
		5 A	- 6-pin connector -T6bn/2-	56b

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
		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

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1.5.6 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	-
5	- Fuse 5 in fuse holder F -SF5-	15 A	- Electronically controlled damping control unit -J250- ¹⁾	30

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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	-
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*

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1.6 Fuse holder H -SH-

1.6.1 Fitting location:

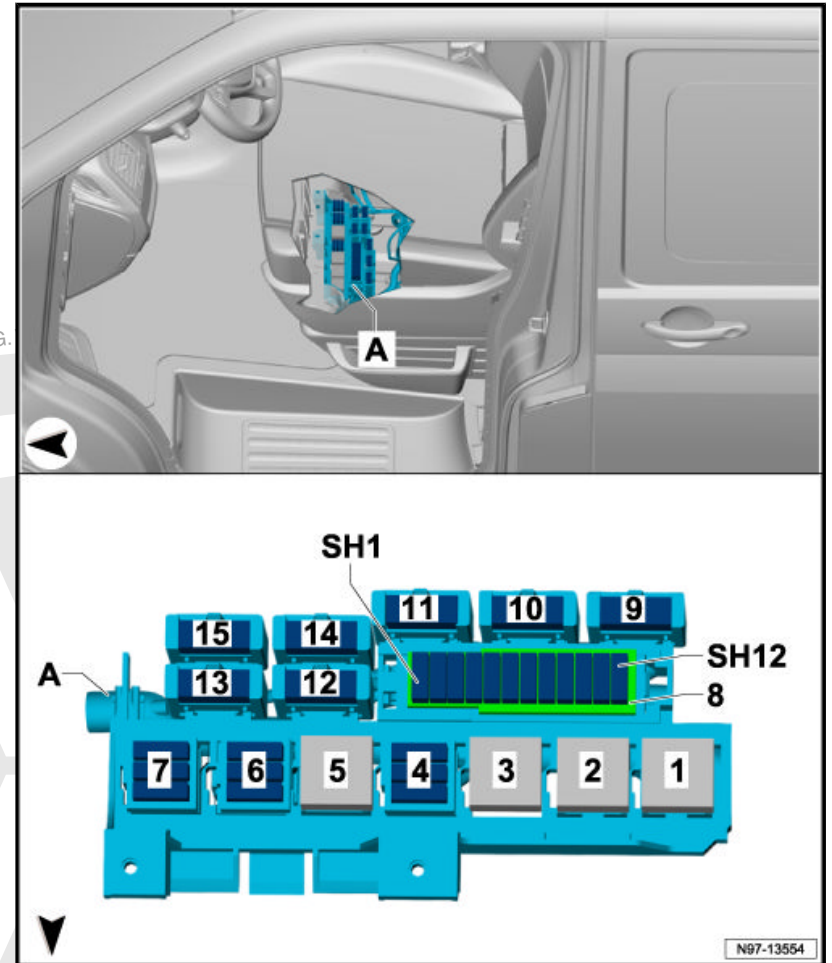


A - Fuse and relay holder

- ◆ 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



1.6.2 Fuse assignment:

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) - Right rear 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- 6)	30
		30 A	- Auxiliary heater relay -J8- 6) ◆ Fresh air blower series resistor with overheating fuse -N24- 6)	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 supply charger unit -A11- 3)	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) - Right rear 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, 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
8.2	- Fuse 2 in fuse holder H -SH2-	15 A	- Onboard supply charger 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

No.	Current flow diagram designation	Nominal value	Function/component	Terminal
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	- Reading light relay -J91- ◆ Rear lid light -W51- ◆ Interior light -W64- ◆ Front left reading light -W65- ◆ Front right reading light -W66- ◆ Rear lid light 2 -W101-	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-	30
		25 A	- Auxiliary air heater control unit -J604-	30
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 supply charger unit -A11- 2)	30
7)	- Fuse 29 in fuse holder H -SH29-	40 A	- Sender for front Bitron blower regulation -G462- 6) ◆ Fresh air blower -V2- 6)	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*

 Note

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1.7 Fuse 31 in fuse holder H -SH31-

1.7.1 Fitting location:

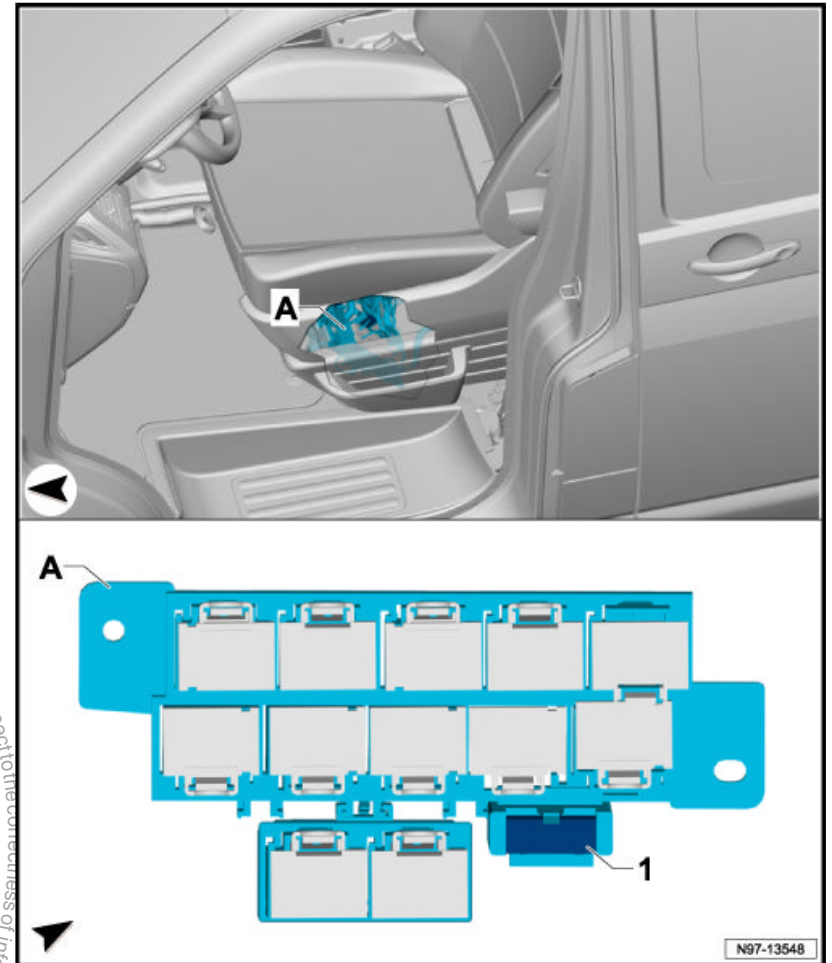


A - Coupling point in interior, left -TIL-

- ◆ 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



1.7.2 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⁾ To November 2015
- ◆ ²⁾ from November 2015
- ◆ ³⁾ Only models with second battery

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

1.8.1 Fitting location:

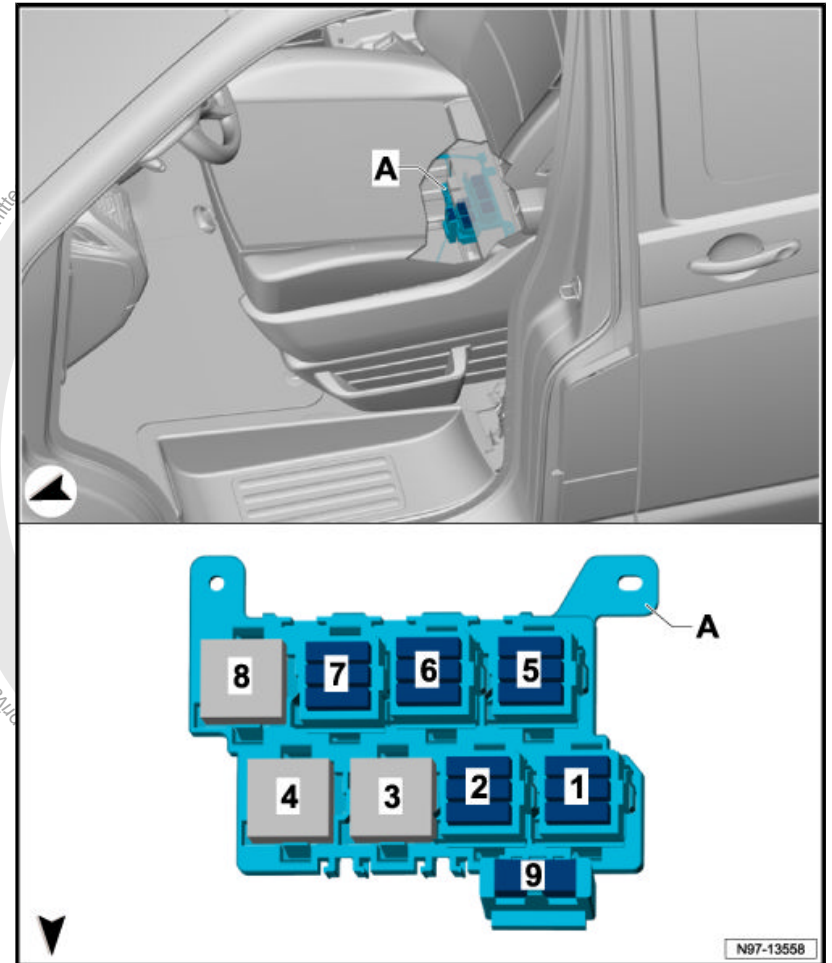


A - Fuse and relay holder

- ◆ 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



1.8.2 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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1.8.3 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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