

**Fuse Panel C -SC- location, from July 2016****1 - Fuse Panel C -SC-**

**Fuse colors, for the J-case fuse:**

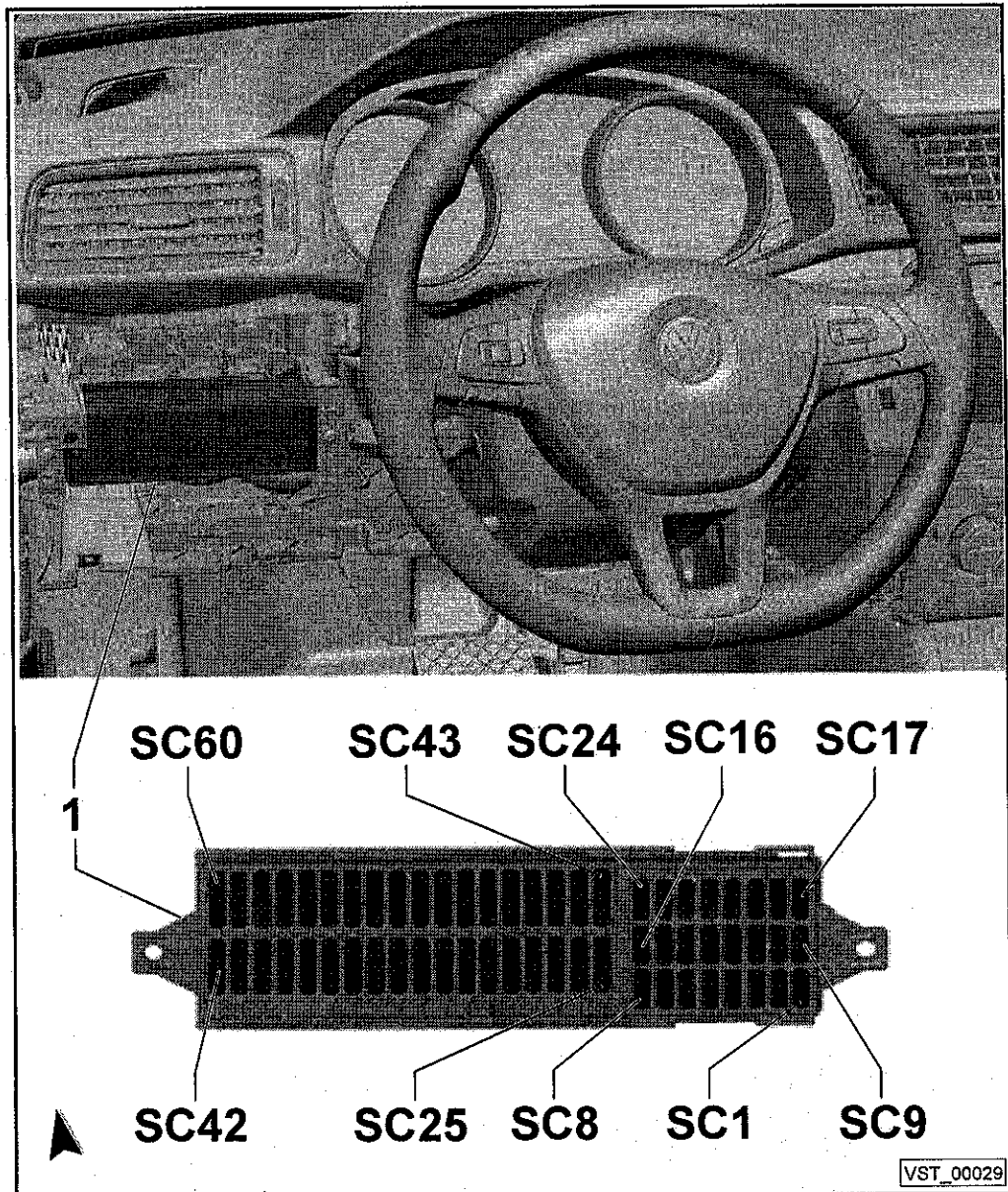
- ◆ 50 A - red
- ◆ 40 A - green
- ◆ 30 A - pink

**Fuse colors for the ATO fuse:**

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

**Fuse colors for the mini fuse:**

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

**Fuse Panel C -SC- layout, from July 2016**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
SC1	- Fuse 1 (On Fuse Panel C) -SC1-	10 A	- Electronic Steering Column Lock Control Module -J764-	30
SC2	- Not used	-	-	-
SC3	-	5 A	- Instrument Cluster -KX2-	30a

	Fuse 3 (On Fuse Panel C) -SC3-		♦ Instrument Cluster Control Module -J285-	
SC4	Fuse 4 (On Fuse Panel C) -SC4-	10 A	Analog Clock -Y- Control Module for Emergency Call Module and Communication Unit -J949- Compass Magnetic Field Sensor -G197- USB Distributor -R293-	30
SC5	Not used	-	-	-
SC6	Fuse 6 (On Fuse Panel C) -SC6-	10 A	Rear Lid Handle -EX37- ♦ Rearview Camera -R189-	30
SC7	Not used	-	-	-
SC8	Not used	-	-	-
SC9	Fuse 9 (On Fuse Panel C) -SC9-	5 A	Airbag Control Module -J234- Passenger Occupant Detection System Control Module -J706- Front Passenger Airbag -Disabled- Indicator Lamp -K145-	15
SC10	Not used	-	-	-
SC11	Not used	-	-	-
SC12	Not used	-	-	-
SC13	Fuse 13 (On Fuse Panel C) -SC13-	10 A	Automatic Dimming Interior Rearview Mirror -Y7- Parking Aid Control Module -J446- Rear Seat Heating Control Module -J786- High Pressure Sensor -G65- Adaptive Cruise Control Sensor -G550- Tire Pressure Monitoring Display Button -E492- Back-Up Lamp Switch -F4- 8)	15
SC14	Fuse 14 (On Fuse Panel C) -SC14-	10 A	Instrument Cluster -KX2- ♦ Instrument Cluster Control Module -J285-  Oil Level Thermal Sensor -G266- Power Steering Control Module -J500- Data Bus on Board Diagnostic Interface -J533- ABS Control Module -J104-	15
SC15	Fuse 15 (On Fuse Panel C) -SC15-	10 A	Rotary Light Switch -EX1- ♦ Light Switch -E1-  Diagnostic Connection -U31- Garage Door Opener Control Head -E284-	15
SC16	Fuse 16 (On Fuse Panel C) -SC16-	10 A	Engine Control Module -J623- Fuel Pump Control Module -J538- 1) 7) Starter Relay 1 -J906- Starter Relay 2 -J907-	15
SC17	Fuse 17 (On Fuse Panel C) -SC17-	10 A	Blind Spot Detection Control Module -J1086-	30a

			Blind Spot Detection Control Module 2 -J1087-	
SC18	Fuse 18 (On Fuse Panel C) -SC18-	10 A	Driver Assistance Systems Front Camera -R242-	15a
SC19	Fuse 19 (On Fuse Panel C) -SC19-	-	Not used	-
SC20	Fuse 20 (On Fuse Panel C) -SC20-	10 A	Diagnostic Connection -U31- Rain/Light Recognition Sensor -G397- Climatronic Control Module -J255- A/C Control Module -J301- Rear Lid Remote Lock Key Switch -E232-	30
SC21	Not used	-	-	-
SC22	Fuse 22 (On Fuse Panel C) -SC22-	15 A	Vehicle Electrical System Control Module -J519-	30
SC23	Fuse 23 (On Fuse Panel C) -SC23-	10 A	Selector Lever -E313- Remote Start System Relay -J471- Rotary Light Switch -EX1- ♦ Light Switch -E1-  Transmission Control Module -J217- <sup>9)</sup>	30
SC24	Fuse 24 (On Fuse Panel C) -SC24-	10 A	Access/Start Authorization Control Module -J518-	30
SC25	Fuse 25 (On Fuse Panel C) -SC25-	10 A	Selector Lever -E313- Transmission -NX1- <sup>7) 9)</sup> ♦ Multifunction Transmission Range Switch -F125-  Dual-Clutch Transmission Mechatronic -J743- <sup>1) 2)</sup> Transmission Control Module -J217- <sup>7) 9)</sup>	15
SC26	Not used	-	-	-
SC27	Not used	-	-	-
SC28	Fuse 28 (On Fuse Panel C) -SC28-	10 A	Right Washer Nozzle Heater -Z21- Left Washer Nozzle Heater -Z20-	75
SC29	Not used	-	-	-
SC30	Fuse 30 (On Fuse Panel C) -SC30-	20 A	12 V Socket -U5- 12 V Socket 2 -U18- Vehicle Electrical System Control Module -J519-	75
SC31	Not used	-	-	-
SC32	Fuse 32 (On Fuse Panel C) -SC32-	15 A <sup>4)</sup> 10 A <sup>4)</sup>	A/C Clutch Relay -J44-	75
SC33	Not used	-	-	-
SC34	Fuse 34 (On Fuse Panel C) -SC34-	30 A	Rear Seat Heating Control Module -J786-	30
SC35	Fuse 35 (On Fuse Panel C) -SC35-	10 A	Steering Column Electronics Control Module -J527-	30a

			Data Bus on Board Diagnostic Interface -J533-	
SC36	- Fuse 36 (On Fuse Panel C) -SC36-	20 A	- Horn Relay -J413-	30a
SC37	- Not used	-	- -	-
SC38	- Not used	-	- -	-
SC39	- Fuse 39 (On Fuse Panel C) -SC39-	30 A <sup>2)</sup>	- Reducing Agent Heater Control Module -J891-	30a
SC40	- Not used	-	- -	-
SC41	- Not used	-	- -	-
SC42	- Not used	-	- -	-
SC43	- Fuse 43 (On Fuse Panel C) -SC43-	10 A	- Rear Window Defogger Relay -J9- Horn Relay -J413-	30a
SC44	- Fuse 44 (On Fuse Panel C) -SC44-	30 A	- Rear Window Defogger Relay -J9-	30a
SC45	- Fuse 45 (On Fuse Panel C) -SC45-	30 A	- Driver Door Control Module -J386- Driver Side Rear Door Control Module -J926-	30a
SC46	- Fuse 46 (On Fuse Panel C) -SC46-	30 A	- Front Passenger Door Control Module -J387- Passenger Side Rear Door Control Module -J927-	30a
SC47	- Fuse 47 (On Fuse Panel C) -SC47-	15 A <sup>3)</sup> 20 A <sup>2)</sup>	- Fuel Pump Relay -J17- <sup>2) 8)</sup> Fuel Pump Control Module -J538- <sup>1) 7)</sup>	30
SC48	- Fuse 48 (On Fuse Panel C) -SC48-	20 A	- Vehicle Electrical System Control Module -J519-	30a
SC49	- Fuse 49 (On Fuse Panel C) -SC49-	40 A	- Fresh Air Blower Control Module -J126-	30a
SC50	- Fuse 50 (On Fuse Panel C) -SC50-	30 A	- Front Seat Heating Control Module -J774-	30a
SC51	- Fuse 51 (On Fuse Panel C) -SC51-	30 A	- Power Sunroof Control Module -J245-	30a
SC52	- Not used	-	- -	-
SC53	- Fuse 53 (On Fuse Panel C) -SC53-	30 A	- Vehicle Electrical System Control Module -J519-	30a
SC54	- Not used	-	- -	-
SC55	- Not used	-	- -	-
SC56	- Not used	-	- -	-
SC57	- Fuse 57 (On Fuse Panel C) -SC57-	20 A	- Information Electronics Control Module 1 -J794-	30a
SC58	- Not used	-	- -	-
SC59	- Not used	-	- -	-
SC60	- Not used	-	- -	-

- 1) Only on vehicles with a 6-cylinder engine
- 2) Only for vehicles with diesel engine
- 3) Only for vehicles with gasoline engine
- 4) Depending on vehicle equipment
- 5) Only for vehicles with access/start authorization system
- 6) Only for vehicles with Korea equipment
- 7) Only for vehicles with 1.8L gasoline engine
- 8) Only for vehicles with a manual transmission
- 9) Only for vehicles with 2.5L gasoline engine

### Fuse Panel C -SC-, from December 2016

- ◆ → Chapter „ Fuse Panel C -SC- location, from December 2016 “
- ◆ → Chapter „ Fuse Panel C -SC- layout, from December 2016 “

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#### 1 - Fuse Panel C -SC-

##### Fuse colors, for the J-case fuse:

- ◆ 50 A - red
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##### Fuse colors for the ATO fuse:

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