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KIA Sportage (SL; 2011-2016) fuses and relays

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*In this article, we consider the third-generation KIA Sportage (SL), produced from 2011 to 2016. Here you will find fuse box diagrams of **KIA Sportage 2011, 2012, 2013, 2014 and 2015**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

See other KIA Sportage:

Fuse Layout KIA Sportage 2011-2016



Cigar lighter (power outlet) fuses in the KIA Sportage are located in the Instrument panel fuse box (see fuses “POWER OUTLET 2” (Rear Power Outlet, Front Left Power Outlet, Front Cigarette Lighter), “POWER OUTLET 1” (Front Right Power Outlet)).

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Fuse box location

Instrument panel

The fuse box is located behind the cover on the driver's side of the instrument panel.

Engine compartment

Additional fuse box (if equipped)

It is located near the main fuse box

Main fuse



Inside the fuse/relay panel covers, you can find the label describing fuse/relay name and capacity. Not all fuse panel descriptions in this manual may be applicable to your vehicle.

Fuse box diagrams

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2011, 2012, 2013, 2014, 2015

Instrument panel

Assignment of the fuses in the Instrument panel (2011-2015)

Name	Amp rating	Protected component
POWER CONNECTOR (AUDIO)	20A	Audio
POWER CONNECTOR (RFANT)	7.5A	RF Receiver
A/BAG	15A	SRS Control Module, Passenger Occupant Detection Sensor, Telltale & SBR Lamp
S/HEATER FRT	15A	Driver/Passenger Seat Warmer Switch
S/HEATER RR	15A	Rear Seat Warmer LH/RH
A/CON	7.5A	A/C Control Module (Auto)
HTD MIRR	7.5A	A/C Control Module, Driver/Passenger Power Outside Mirror
CLUSTER	10A	Driver/Passenger Seat Warmer Switch, Driver CCS Control Module, Instrument Cluster, Tire Pressure Monitoring Module, Audio, Alternator, BCM, A/C Control Module, Telltale & SBR Lamp
IG2 A	10A	BCM, Smart Key Control Module, IPS Control Module (IG2)
WIPER RR	15A	Rear Wiper Motor, Multifunction Switch (Wiper), ICM Relay Box (Rear Wiper Relay)
IG2 B	10A	Cluster Ionizer, A/C Control Module, Rain Sensor, Sunroof Motor, Electro Chromic Mirror, E/R Fuse & Relay Box (Blower Relay)
POWER OUTLET 2	20A	Rear Power Outlet, Front Power Outlet LH, Front Cigarette Lighter
A/BAG IND	10A	Instrument Cluster (A/Bag IND.)
SMART KEY 2	10A	Smart Key Control Module

Name	Amp rating	Protected component
WIPER FRT	25A	Front Wiper Motor, Multifunction Switch (Wiper), E/R Fuse & Relay Box (Front Wiper (Low) Relay, Wiper (Rain Sensor) Relay)
POWER OUTLET 1	15A	Front Power Outlet RH
SMART KEY 1	10A	BCM, Smart Key Control Module
ACC	10A	Audio, Amp, Sunroof Control Module, Power Outside Mirror Switch
START	10A	Burglar Alarm Relay (With Burglar Alarm), E/R Fuse & Relay Box (Start Relay : W/O Burglar Alarm & Smart Key), Smart Key Control Module (W/O Burglar Alarm & With Smart Key)
MODULE IG1	10A	EPS Control Module, ATM Shift Lever ILL., 4WD ECM, Stop Lamp Switch, IPS Control Module (IG1)
UHBOX	20A	E/R Fuse & Relay Box (ECU 2 7.5A, ABS 7.5A, TCU 2 7.5A)
ROOM LP	10A	BCM, Map Lamp, Room Lamp, Driver/Passenger Vanity Lamp, Electro Chromic Mirror, Luggage Lamp, Ignition Key ILL. & Door Warning Switch, Tire Pressure Monitoring Module, Instrument Cluster (MCU, IND.), A/C Control Module, IPS Control Module (B+)
PDM B	10A	Start/Stop Button Switch, Smart Key Control Module
DR LOCK	15A	Door Lock Relay, Door Unlock Relay, Tail Gate Relay, ICM Relay Box (Two Turn Unlock Relay)
HAZARD	15A	BCM
FOG LP RR	10A	(Not Used)
PDM A	25A	Smart Key Control Module
ATM K/LOCK	7.5A	ATM Shift Lever, Key Solenoid

Name	Amp rating	Protected component
CORNERING LAMP	10A	(Not Used)
SEAT VENT	15A	Driver CCS Seat Warmer
P/WDW RH	25A	Power Window Main Switch, Passenger Power Window Switch, Rear Power Window Switch RH
P/WDW LH	25A	Rear Power Window Switch LH, Power Window Main Switch
SAFETY POWER WINDOW	20A	Driver Safety Power Window Module
P/SEAT(DRV)	20A	Driver Seat Manual Switch
MODULE B+	10A	Multipurpose Check Connector, Data Link Connector, Driver CCS Switch, Rear Parking Assist Buzzer
SUNROOF	15A	Sunroof Motor, Sunroof Control Module
AMP	25A	Amp
HTD_STRG	15A	Heated steering wheel

Engine compartment

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Assignment of the fuses in the Engine compartment (2011-2015)

Name	Amp rating	Protected component
MULTI FUSES:		
MDPS	80A	EPS Control Module
B+1	60A	I/P Junction Box (PDM A 25A, DR LOCK 15A, HAZARD 15A, IPS 4-7)
ABS 2	40A	ESC Module

Name	Amp rating	Protected component
EMS	40A	EMS Box (TCU 1 15A, ECU 30A, A/CON 10A, F/PUMP 15A)
ABS 1	40A	ESC Module
BLOWER	40A	Blower Relay
B+3	60A	I/P Junction Box (P/SEAT(DRV) 20A, SAFETY POWER WINDOW 20A, PDM B 10A, ATM K/LOCK 7.5A, SEAT VENT 15A, Power Connector (AUDIO 20A, RF ANT 7.5A), ROOM LP 10A)
B+2	60A	I/P Junction Box (Power Window Relay, SUNROOF 15A, AMP 25A, MODULE B+ 10A, IPS 0-3, IPS 8-10)
FUSES:		
C/FAN (MPI engine)	40A	Cooling Fan (High) Relay, Cooling Fan (Low) Relay
C/FAN (T-GDI engine)	50A	Cooling Fan (High) Relay, Cooling Fan (Low) Relay
RR HTD	40A	Rear Defogger Relay
IG 1	30A	PDM Relay Box (IGN1/ACC Relay : With Smart Key), Ignition Switch (W/O Smart Key)
IG 2	40A	PDM Relay Box (IGN2 Relay : With Smart Key), Ignition Switch (W/O Smart Key)
HORN	15A	Horn Relay
DEICER	15A	Front Wiper Deicer Relay
STOP LP	10A	Stop Lamp Switch, Smart Key Control Module, ICM Relay Box (DBC Relay)
4WD	20A	4WD ECU
AMS	10A	Battery Sensor

Name	Amp rating	Protected component
TCU 2 (MPI engine)	7.5A	Transaxle Range Switch
TCU 2 (T-GDI engine)	7.5A	Transaxle Range Switch, Vacuum Switch, Vacuum Pump Relay
ABS	7.5A	ESC Module, ICM Relay Box (DBC Relay), Multi Switch
ECU 2	7.5A	ATM P/N Relay, PCM, Multifunction Switch (Remote Control)
V_PUMP (T-GDI engine)	20A	Vacuum Pump Relay

Engine compartment main fuse panel (EMS Box) (2011-2015)

Name	Amp rating	Protected component
F/PUMP	15A	Fuel Pump Relay
SENSOR 4	15A	Fuel Pump Relay, PCM, Oxygen Sensor (Up)/(Down), E/R Fuse & Relay Box (Cooling Fan (High)/(Low) Relay)
SENSOR 3	10A	A/CON Relay, Injector #1~#4
SENSOR 2	10A	(Not Used)
TCU 1	15A	PCM
A/CON	10A	A/CON Relay
SENSOR 1 (MPI engine)	10A	Immobilizer Module, Crankshaft Position Sensor, Camshaft Position Sensor #1/#2, Oil Control Valve #1/#2, Canister Purge Control Solenoid Valve, Variable Intake Solenoid Valve, Canister Close Valve
SENSOR 1 (T-GDI engine)	10A	Immobilizer Module, Crankshaft Position Sensor, Camshaft Position Sensor #1/#2, Oil Control Valve #1/#2, Canister Purge

Name	Amp rating	Protected component
		Control Solenoid Valve, Variable Intake Solenoid Valve, Canister Close Valve, RCV
ECU 1	20A	Ignition Coil #1~#4, Condenser
ECU	30A	Engine Control Relay

Battery fuse terminal

2011, 2012, 2013, 2014, 2015 RHD (UK)

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Assignment of the fuses in the Instrument panel (2011-2015 RHD)

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Assignment of the fuses in the engine compartment (2011-2015 RHD)

Engine compartment main fuse panel (EMS Box) (2011-2015 RHD)

Battery fuse terminal

Learn more:



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- [How to check the fuses?](#)
 - [How to replace a blown fuse?](#)
 - [Why do car fuses blow?](#)
 - [Types of automotive fuses](#)

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