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KIA Sportage (JE/KM; 2004-2010) fuses and relays

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In this article, we consider the second-generation KIA Sportage (JE/KM), produced from 2004 to 2010. Here you will find fuse box diagrams of KIA Sportage 2004, 2005, 2006, 2007, 2008, 2009 and 2010, 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 2004-2010



Cigar lighter (power outlet) fuses in the KIA Sportage are located in the Instrument panel fuse box (see fuses “P/OUTLET.RR” (Power outlet rear), “P/OUTLET.FR” (Power outlet front) and “C/LIGHTER” (Cigar lighter)).

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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



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

Instrument panel

Left-hand drive vehicles

Right-hand drive vehicles

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Assignment of the fuses in the Instrument panel

Description	Amp rating	Protected component
TAIL RH	10A	Taillight (right)
RR HTR	30A	Rear defroster
HAZARD	15A	Hazard warning light
SAFETY P/WDW	15A	Safety power window
HTD MIRR	10A	Outside rearview mirror defroster
TAIL LH	10A	Taillight (left)
ECU (B+)	10A	TCU, Immobilizer
P/OUTLET.RR	15A	Power outlet (rear)

Description	Amp rating	Protected component
RR FOG	10A	Rear fog lamp
RR WIPER	15A	Rear wiper
F/MIRROR	10A	Folding the outside rearview mirror
START	10A	Ignition lock/inhibitor switch, Theft-alarm system
AV	10A	Audio
P/OUTLET.FR	15A	Power outlet (front)
OBD II	10A	OBD II, Diagonosis
S/HTR	20A	Seat warmer
SPARE	15A	Spare fuse
C/LIGHTER	15A	Cigar lighter
AUDIO	10A	ETACS, Audio, Door lock, Electric remote control mirror
ROOM LP	10A	Cluster, ETACS, A/C, Clock, Room lamp
S/ROOF & D/LOCK	20A	Sunroof, Door lock
A/CON	10A	Air conditioner
IGN	10A	Fuel filter heater, AQS, Headlight
P/WDW-1	30A	Power window (left)
P/WDW-2	30A	Power window (right)
SPARE	10A	Spare fuse
IG COIL	20A	Ignition coil
T/SIG	15A	Turn signal light

Description	Amp rating	Protected component
A/BAG IND	10A	Cluster
CLUSTER	10A	Cluster
SPARE FUSE	15A	Spare fuse
SPARE FUSE	10A	Spare fuse
B/UP	10A	Back-up light
A/BAG	15A	Airbag
ABS	10A	Anti-lock brake system
ECU	10A	TCS, ESP, Immobilizer
SPARE FUSE	30A	Spare fuse
SPARE FUSE	20A	Spare fuse
P/CONN	30A	Power connector fuse
SHUNT CONN	-	Shunt connector

Engine compartment

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Assignment of the fuses in the Engine compartment

Description	Amp rating	Protected component
A/CON	-	Air conditioner relay
ATM	-	Automatic transaxle control relay
COND2	-	Condenser (low) relay
DEICE	-	Defroster relay
F/FOG	-	Front fog light relay
F/PUMP	-	Fuel pump relay
HDLP HI	-	Headlight (high) relay
HDLP LO	-	Headlight (low) relay
HORN	-	Horn relay
WIPER	-	Wiper relay
COND1	-	Condenser (high) relay
MAIN	-	Main relay
START	-	Start motor relay
COND1	40A	Condenser (high)
COND2	30A	Condenser (low)
IGN1	30A	Ignition switch
IGN2	30A	Start motor
ABS1	40A	ABS, ESP
ABS2	40A	ABS, ESP
IP B+	60A	In panel B+
BLOWER	40A	Blower

Description	Amp rating	Protected component
ALT	120A (2.0L Gasoline) 140A (2.7L Gasoline, 2.0L Diesel)	Alternator
A/CON	10A	Air conditioner
SNSR	10A	Sensors
DEICE	15A	Defroster
DRL	15A	Daytime running light
F/FOG	15A	Front fog light
F/PUMP	15A	Fuel pump
F/WIPER	20A	Front wiper
HDLP HI	20A	Headlight (high)
HDLP LO	15A	Headlight (low)
HORN	15A	Horn
INJ	15A	Injector
STOP	15A	Stop light
4WD	20A	4WD ECM
AMP	20A	Amplifier
ATM	20A	Automatic transaxle control
ECU	30A	Engine control unit
SPARE	10A	Spare fuse
SPARE	15A	Spare fuse
SPARE	20A	Spare fuse
SPARE	30A	Spare fuse

Sub-panel in the engine compartment (Diesel only)

Assignment of the fuses in the Sub-panel (Diesel only)

Description	Amp rating	Protected component
GLOW PLUG RELAY	-	Glow plug relay
HEATER 1 RELAY	-	PTC heater relay 1
HEATER2 RELAY	-	PTC heater relay 2
HEATER3 RELAY	-	PTC heater relay 3
FUEL FILTER HEATER RELAY	-	Fuel filter heater relay
FUEL FILTER HEATER	30A	Fuel filter heater
GLOW PLUG	80A	Glow plug
HEATER 1	40A	PTC heater 1
HEATER2	40A	PTC heater 2
HEATER3	40A	PTC heater 3

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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