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## Fuses and relays Kia Sportage (JA), 1993 - 2006

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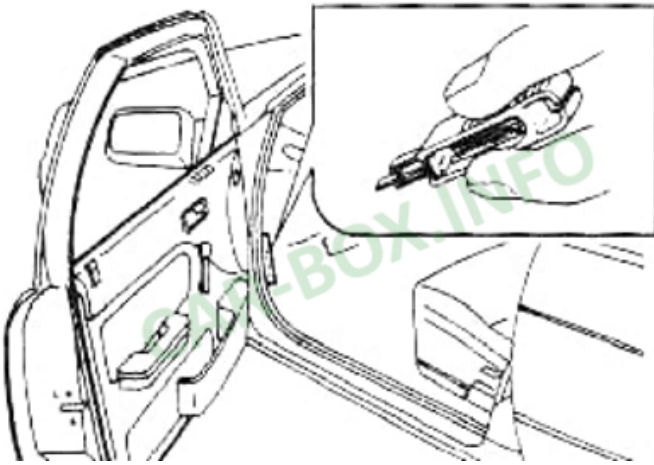
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The 1st generation Kia Sportage SUV was produced in 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003 and 2004, 2005, 2006. During this time, this model has been updated 2 times. In this publication you will find a description of the fuses and relays of the Kia Sportage 1 with block diagrams and photo examples of execution. Let's highlight the fuse responsible for the cigarette lighter.



Check the current assignment of fuses and relays with your diagrams on the back of the protective cover.

### In the passenger compartment



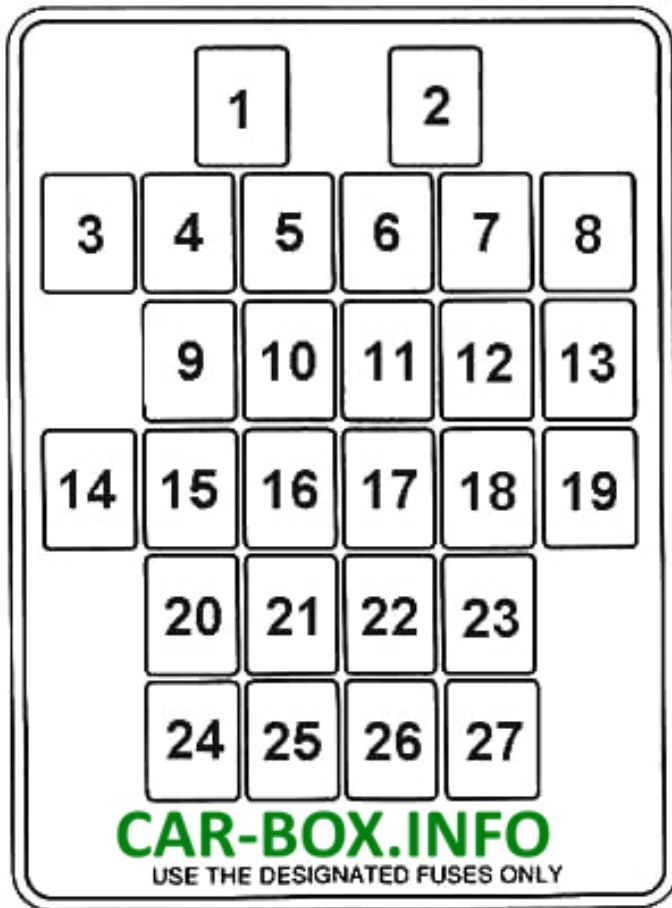
Fuse box located under the dashboard, on the left pillar, behind the protective cover.

### Type 1



Access example.

## Diagram



## № Amp / Legend

1	10A Gasoline engines: oxygen sensor
2	10A Electrical engine control unit
3	Tweezers
4	10A Interior lighting, trunk lighting
5	10A Sound signal
6	15A Hazard warning lights, direction indicators
7	20A Headlights, steering column switch
8	10A Spare fuse
9	20A Heater, air conditioning system
10	20A Front wiper and washer, power windows, ABS relay
11	10A Rear wiper and washer, sunroof, air conditioning
12	10A Headlights
12	15A Sunroof
13	15A Spare fuse
14	30A Spare fuse

Diagram	
15	10A Petrol engines: Engine management system
16	15A Reversing light
17	15A Gauges, a warning lamp of the engine management system, rear window heater
18	15A Petrol engines: Engine management system Diesel engines: Glow plug control unit
19	20A Spare fuse
20	15A Fog lights
21	10A Light indicator, rear lights, license plate light, TCU , clock, audio system, parking lights
22	30A Central locking
23	15A Audio system, antenna, brake lights
24	30A Electric windows
25	20A Heated rear window
26	15A Sunroof
27	20A Audio system, electric mirrors, clock, cigarette lighter
<i>The fuse number 27, 20A, is responsible for the cigarette lighter.</i>	

## Type 2

General view.

Diagram	
Name	Description
P / WINDOW	Electro glass lifts
HEATER	Heater fan
MEMORY	Memory

Diagram	
TAIL	Position / parking lights, radio illumination
HAZARD	Direction indicators, hazard warning lights
D / LOCK	Automatic door lock
STOP	Stop lights
HORN	Klaxon
ROOM	Indoor lighting fixtures
DEF	Heated rear window
ST.SIGN	Side repeaters of direction indicators
F / PUMP	Fuel pump
RR.WIPER	K / V, rear wiper
WIPER	Front wipers
ECU	Engine control module (ECM)
CIGAR	Cigarette lighter
RADIO	Audio system, on-board chronometer
ENG	Engine
A / BAG	Airbags (SRS)
METER	Instrument cluster, reversing lights
TURN	Lighting assemblies
O2 SEN1	Prior to catalytic lambda probe
O2 SEN2	Post catalytic lambda probe
TGO	Defroster
SPARE	Spare

*The fuse for the cigarette lighter is designated as CIGAR, and the fuse for the additional sockets is P / OUTLET.*

## In the engine compartment

Fuse box located next to the battery.

## Type 1

General view.

Diagram	
Name	Description
FUEL INJ	Fuel injection system
ADD	Fan K / V
EGI MAIN (80 A)	Main relay (ignition)
BTN	Stop lamps, license plate lights, interior lamps and alarm
IGN	Ignition
P / WIN	Electric windows

Diagram	
MAIN	Fuel pump, fuel pump relay, injectors, main relay
FUEL PUMP (80 A)	Main relay (fuel pump, injectors)
ABS	Anti-lock brake system
HEAD	Headlights
START	Starter relay

## Type 2

Access example.

**Diagram**

<b>№</b>	<b>Amp / Legend</b>
1	30A Headlights
2	40A Brake lights, license plate light, interior lighting, alarm
3	40A Ignition
4	15A Interior lighting, instrument cluster, audio system
5	30A ABS
6	10A Engine management system
7	15A Fuel pump, injector, main relay, fuel pump relay
8	10A oxygen sensor
9	10A oxygen sensor
10	10A Fuel pump, diagnostic connector
11	30 / 60A Injector
12	40A Air conditioner



**Diagram**

13	40A Brake lights, license plate light, interior lighting, alarm
14	30A ABS
15	30A Ignition
16	30A Electric windows
17	80A Main fuse
R1	Main relay
R2	Fuel pump relay

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Kia Sportage (JE), 2006 - 2010

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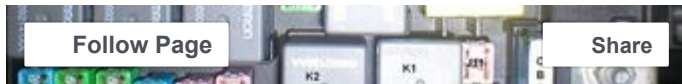
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