

Fuses and relays Hyundai Kona (OS; 2017 - 2021)

 car-box.info/hyundai/kona/os-2017-2021.html

The Kona is a compact crossover vehicle from Korean car manufacturer Hyundai. The car was introduced in June 2017 and has been on sale in Western Europe since late 2017. In Portugal, the car is called Hyundai Kauai, in China - Hyundai Encino. In this article we will understand in detail fuse box diagrams Hyundai Kona (first generation; OS index) 2017, 2018, 2019, 2020, 2021 years of manufacture.



Here you will find the locations and photos of the mounting blocks. Also, we will separately mark the fuses responsible for the cigarette lighter and the fuel pump.

In the engine compartment



The fuse box is located near the battery, on the left side of the engine compartment.

Diagram

Diagram

Name	Description	Amps
ALT	E/R Distribution Block (Fuse Circuit Protection - ABS 1, ABS 2, 4WD), Generator	150
MDPS	Electric steering	80
B+5	PCB (Circuit Protection - HORN, H/LAMP HI, A/C, ECU 4, ECU 3, Engine Control Relay)	60
B+2	IGPM (circuit protection - S/HEATER, IPS0, IPS1, IPS2)	60
B+3	IGPM (IPS3, IPS4, IPS5, IPS6, IPS7, IPS8)	60
B+4	IGPM (circuit protection - P/WINDOW LH, P/WINDOW RH, TAIL GATE OPEN, SUNROOF, B/ALARM HORN, POWER OUTLET 2, AMP, P/SEAT (PASS),P/SEAT (DRV))	50
COOLING FAN	E/R Junction Block (Cooling Fan Relay #2, Cooling Fan Relay #1)	60 / 50
REAR HEATED	E/R Junction Block (Rear Defogger Relay)	40
BLOWER	E/R Junction Block (Fan Relay)	40
IG1	<ul style="list-style-type: none"> • without Smart key: Ignition switch • With Smart Key: E/R Junction Block (PDM Relay No. 3 (IG1), PDM Relay No. 2 (ACC)) 	40
IG2	<ul style="list-style-type: none"> • without Smart key: Ignition Switch, E/R Junction Block (Start #1 Relay) • With Smart Key: E/R Junction Block (PDM Relay #4 (IG2), Start Relay #1) 	40
PTC HEATER 1	E/R Connection Block (PTC Heater Relay 1)	50
PTC HEATER 2	E/R Connection Block (PTC Heater Relay 2)	50
TCU 1	Transmission control unit 1	15
VACUUM PUMP	Vacuum pump	20
FUEL PUMP	<u>E/R Connector Block (Hyundai Kona Fuel Pump Relay).</u>	20
B+1	IGPM (circuit protection - BRAKE SWITCH, PDM 1, DOOR LOCK, MODULE 1, PDM 2), automatic current leakage trip device)	40

Diagram

DCT1	Dual clutch transmission	40
DCT2	Dual clutch transmission	40
4WD	All-wheel drive ECU	20
ABS 1	ESC Control Module, Universal Test Connector	40
ABS 2	ESC system control module	30

Engine NU 2.0L MPI

A/C	PCB block (A/CON relay)	10
ECU 5	transmission control module	10
SENSOR 4	Empty	15
ABS 3	Multi-purpose control connector, ESC control module	10
TCU 2	Transmission range selector switch	15
SENSOR 3	E/R Connection Block (Fuel Pump Relay)	10
ECU 4	Transmission control module	15
H/LAMP HI	PCB block (headlight (high beam) relay)	10
HORN	PCB block (horn relay)	15

Engine GAMMA 1.6L T-GDI

SENSOR 2	PCB (Air Conditioner Relay), E/R connection block (cooling fan relay #1), ventilation control solenoid valve, RCV control solenoid valve, oil control valve #1~#2, canister closing valve (evaporator)	10
ECU 2	engine control module	10
ECU 1	engine control module	20
INJECTOR	fuel injection system	15
SENSOR 1	Oxygen sensor (up/down)	15
IGN COIL	Ignition coils #1 - #4	20
ECU 3	engine control module	15
A/C	PCB Block (Air Conditioner Relay)	10
ECU 5	engine control module	10

Diagram

SENSOR 4	Vacuum pump	15
ABS 3	ESC control module, universal control connector	10
TCU 2	Transmission Control Module, Transmission Range Switch	15
SENSOR 3	E/R Connection Block (Fuel Pump Relay)	10
ECU 4	engine control module	15
H/LAMP HI	PCB block (high beam relay)	10
HORN	PCB block (horn relay)	15



There is an additional AMS 10A fuse on the positive terminal of the battery.

In the passenger compartment

The fuse box is located behind the protective cover on the driver's side of the dashboard.

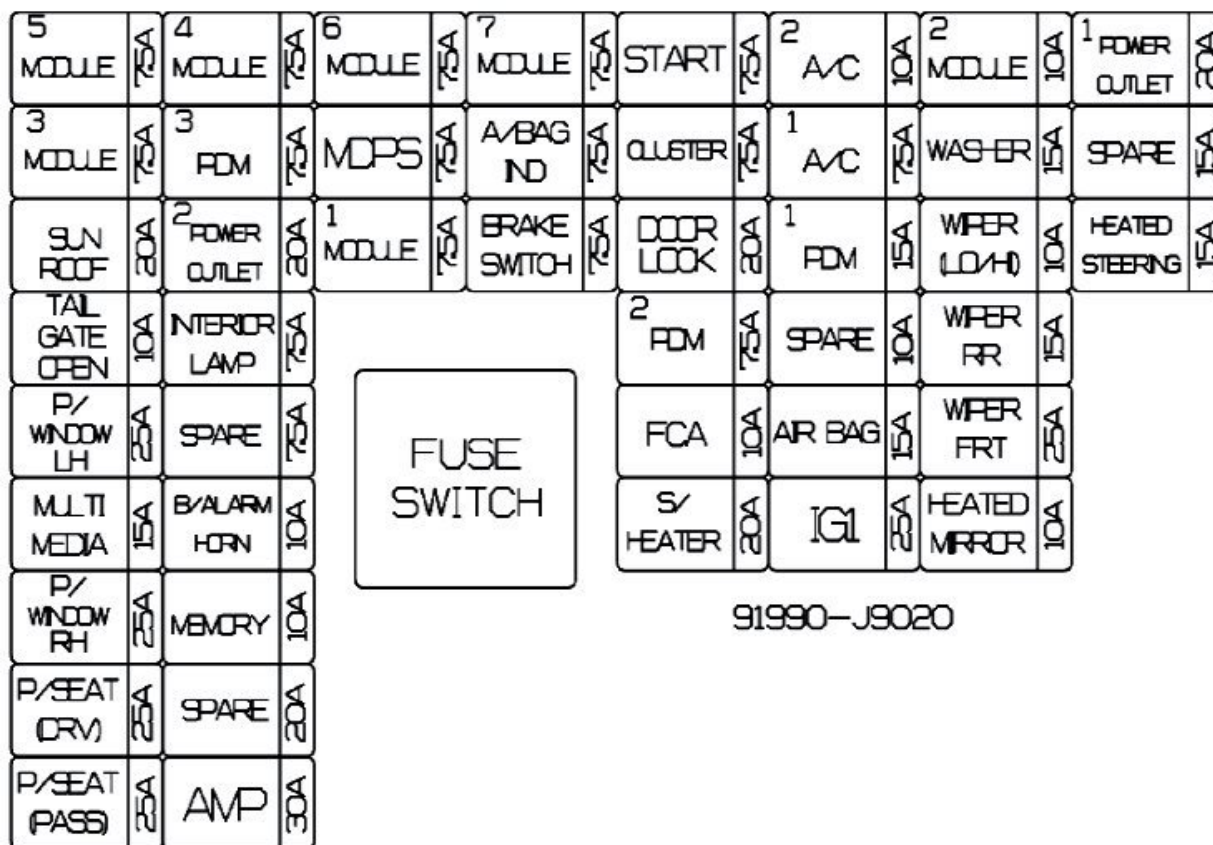


Left-hand drive cars.



Right-hand drive cars.

Diagram



Name	Description	Amps
A/BAG IND	Instrument cluster, air conditioning control module	7.5
A/C 1	A/C Control Module, E/R Junction Block (PTC 2 Heater Relay, Fan Relay, PTC 1 Heater Relay)	7.5
A/C 2	A/C Control Module, Blower Motor, Blower Resistor, E/R Junction Block (Blower Relay)	20
AIR BAG	SRS control module, passenger detection sensor	15
AMP	amplifier	30
B/ALARM HORN	ICM Relay Box (Security Alarm Horn Relay)	10
BRAKE SWITCH	Brake Light Switch, Smart Key Control Module	7.5
CLUSTER	Head-up display, instrument cluster	7.5
DOOR LOCK	Door Lock Relay, Door Unlock Relay, ICM Relay Box (Double Turn Unlock Relay)	20
FCA	Forward Collision Mitigation Assist Unit	10

Diagram

HEATED MIRROR	Power outside rearview mirrors, air conditioning control module, ECM	10
HEATED STEERING	Heated steering wheel	15
IG1	PCB block (circuit protection: ABS 3, ECU 5, SENSOR 4, TCU 2)	25
INTERIOR LAMP	Glove box illumination, interior lighting, overhead console illumination, wireless charger, switch on driver's console, trunk illumination	7.5
MDPS	Electric power steering	7.5
MEMORY	Air conditioning control module, windshield display, instrument cluster, electrochromic mirror	10
MODULE 1	Active throttle system, front bumper, ignition switch, body control module, switch, data connector, rain sensor	7.5
MODULE 3	Brake light switch, body control module, automatic transmission shift lever	7.5
MODULE 4	Left/right blind spot warning unit, front bumper active air damper system, body control module, parking distance warning buzzer, lane assist (line), ECM 4WD	7.5
MODULE 5	IND automatic transmission shift lever, electrochromic mirror, amplifier, audio/video and navigation head unit, air conditioning control module, ventilated front seat module, heated front seat module	7.5
MODULE 6	Smart Key Control Module, Body Control Module	7.5
MODULE 7	Front seat module with air ventilation, front seat heating module	7.5
MODULE2	Wireless charger, Smart Key control module, body control module, audio/video and navigation head unit, ICM relay box (socket relay), power exterior mirror switch, amplifier	10
MULTI MEDIA	Audio / video and navigation head unit	15
P/SEAT (DRV)	Driver's seat manual switch	25
P/SEAT (PASS)	Passenger Seat Manual Switch	25
P/WINDOW LH	Power Window Relay, Power Window Module	25

Diagram

P/WINDOW RH	Right power window relay, power window module	25
PDM 1	Smart key control module	15
PDM 2	Start / Stop Button Switch, Immobilizer Module	7.5
PDM3	Smart Key Control Module, Immobilizer Module	7.5
POWER OUTLET 1	<u>Hyundai Kona cigarette lighter fuse</u>	20
POWER OUTLET 2	<u>ICM Relay Box (cigarette lighter socket relay).</u>	20
S/HEATER	Front seat heating module, front seat module with air ventilation	20
START	Gear range selector switch (automatic transmission), ECM, ICM relay unit (alarm relay)	7.5
SUNROOF	Sunroof	20
TAIL GATE OPEN	Trunk door relay	10
WASHER	Multifunction switch	15
WIPER (LO/HI)	Body Control Module, Front Wiper Relay (Slow Speed), Front Wiper Motor	10
WIPER FRT	Front Wiper Motor, Front Wiper Relay (Slow Speed)	25
WIPER RR	Rear Wiper Relay, Rear Wiper Motor	15