

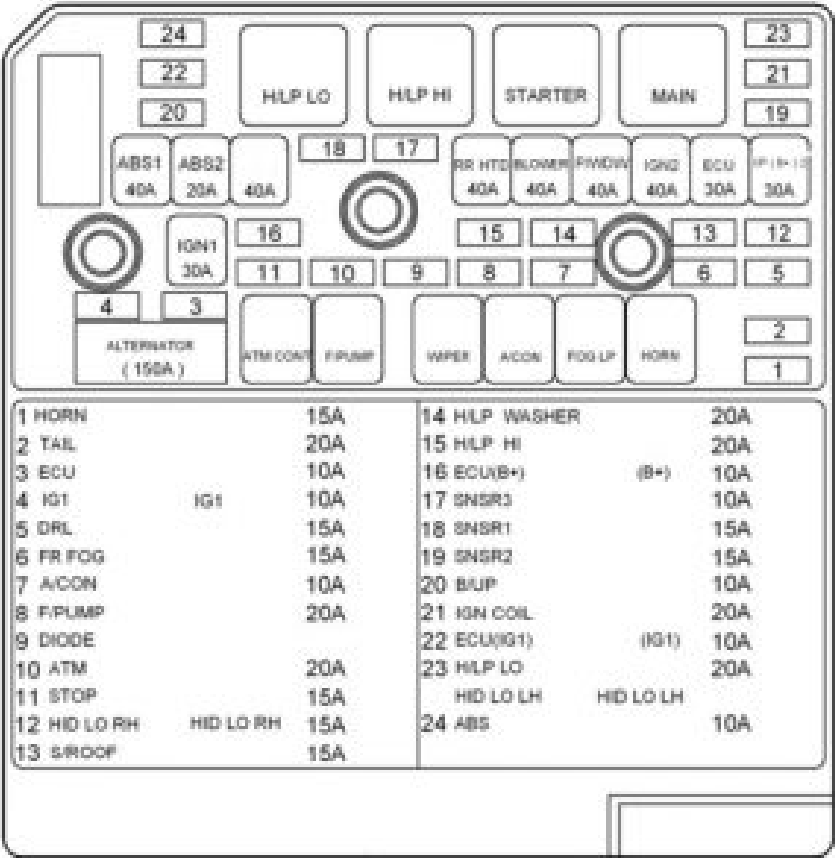
Hyundai Sonata (2009 – 2010) – fuse box diagram

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Hyundai Sonata (2009 – 2010) – fuse box diagram

Year of production: 2009, 2010

Engine Compartment



Hyundai Sonata – fuse box – engine compartment

Description		Ampere rating [A]	Protected component
FUSIBLE LINK	ABS.1	40	ABS/ESC control module, Multipurpose check connector
	ABS.2	20	ABS/ESC control module, Multipurpose check connector
	I/P B+1	40	Fuse 23, 24, 30, 31, 32, 33, 34, 35
	RR HTD	40	Defogger relay
	BLOWER	40	Blower relay
	P/WDW	40	Power window relay, Fuse 16
	IGN.2	40	Start relay, Ignition switch (IG2, START)
	ECU RLY	30	Engine control unit relay
	I/P B+2	30	Power connector 1/2, Fuse 21,22
	IGN.1	30	Ignition switch (ACC, IG1)
	ALT	150	Fusible link (ABS. 1, ABS. 2, RR HTD, BLOWER)

FUSE	1	HORN	15	Horn relay
	2	TAIL	20	Tail light relay
	3	ECU	10	PCM
	4	IG1	10	(Spare)
	5	DRL	15	Siren relay, DRL control module
	6	FR FOG	15	Front fog light relay
	7	A/CON	10	A/C relay
	8	F/PUMP	20	Fuel pump relay
	9	DIODE	—	(Spare)
	10	ATM	20	ATM control relay
	11	STOP	15	Stop light relay
	12	H/LP LO RH	15	(Spare)

	13	S/ROOF	15	Sunroof control module
	14	H/LP WASHER	20	Headlight washer motor
	15	H/LP HI	20	Headlight relay (High)
	16	ECU	10	TCM
	17	SNSR.3	10	A/C relay, Cooling fan relay, Injectors
	18	SNSR.1	15	Mass air flow sensor, Crankshaft/Camshaft position sensor, Oil control valve, SMATRA
	19	SNSR.2	15	Oxygen sensor, Fuel pump relay
	20	B/UP	10	Back up light switch, Pulse generator, Vehicle speed sensor
	21	IGN COIL	20	Ignition coils, Condenser
	22	ECU (IG1)	10	PCM
	23	H/LP LO	20	Headlight relay (Low)
	24	ABS	10	ABS/ESC control module, Multipurpose check connector

Inner Panel

Fuse	Ampere rating [A]	Protected component
SPARE	15	(Spare)
SPARE	15	(Spare)
ETACS	10	BCM(Body Control Module), Sunroof control module, Electronic chrome mirror, Rheostat
ESC	10	ESC module, Blower relay
C/LIGHTER	20	Cigarette lighter
SPARE	15	(Spare)
TAIL RH	10	Illumination lights, Right : License light (LH, RH), Rear combination light, Headlight, Glove box light
TAIL LH	10	Front fog light relay, Left : Rear combination light, Headlight
IONIZER	10	(Spare)
H/LP	10	DRL control module, Headlight relay, AQS and ambient sensor

WIPER	25	Wiper and washer
A/CON	10	A/C control module
A/BAG	15	SRS control module, Passenger's Airbag switch
P/OUTLET	10	Front accessory socket, Rear power outlet
D/CLOCK	10	Digital clock, Audio, A/T shift lock control module, Power outside mirror and mirror folding, BCM
SAFETY PWR	25	Safety window module
ECS	15	(Spare)
ATM KEY LOCK	10	A/T shift lock control module
P/WDW RR LH	20	Power window main switch, Left rear power window switch
P/WDW RH	30	Power window main switch, Right power window switch
P/AMP	20	Audio amp
DR LOCK	20	Door lock/unlock relay

HAZARD	10	Hazard relay
P/SEAT RH	30	Power seat manual switch(RHD)
A/BAG IND	10	Instrument cluster
T/SIG	10	Turn signal light
CLUSTER	10	BCM(Body Control Module), Instrument cluster, Yaw rate sensor, ESP switch, Seat warmer
AGCS	10	(Spare)
START	10	Start relay
PEDAL ADJ	15	(Spare)
ECS/RR FOG	15	Rear fog light relay
T/LID OPEN	15	Trunk lid relay, Fuel filler door and trunk lid switch
S/HTR	15	Seat warmer switch
P/SEAT LH	30	Power seat manual switch

SPORT MODE	10	Sport mode switch, Key solenoid
MIRR HTD	10	A/C control module, Outside mirror and mirror folding motor
POWER CONNECTOR. 1	15	Audio
POWER CONNECTOR. 2	15	BCM(Body Control Module), Digital clock, Instrument cluster, A/C control module, Courtesy lights, Interior light

WARNING: Terminal and harness assignments for individual connectors will vary depending on vehicle equipment level, model, and market.