

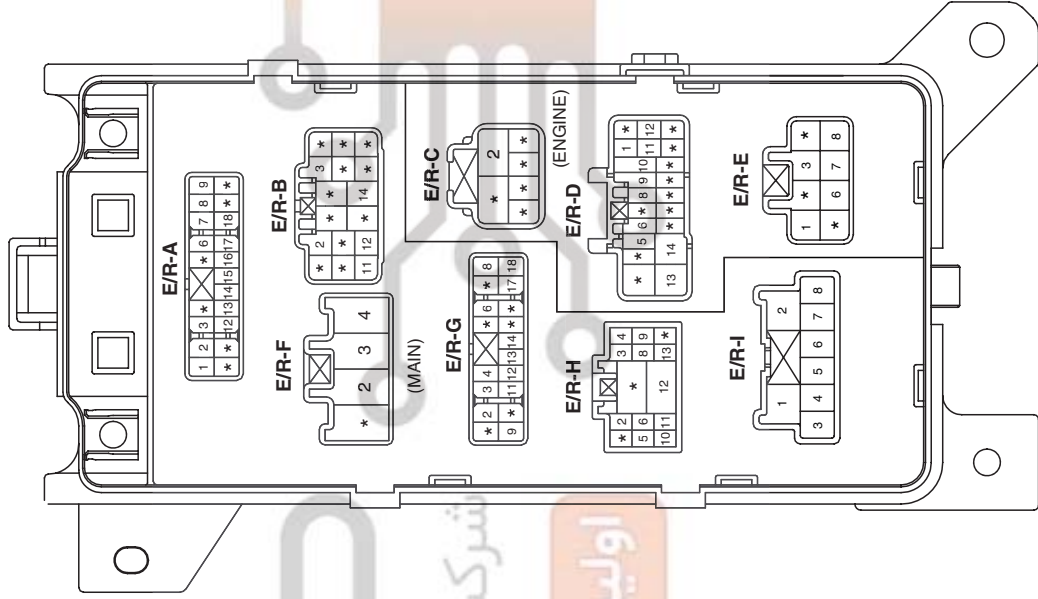
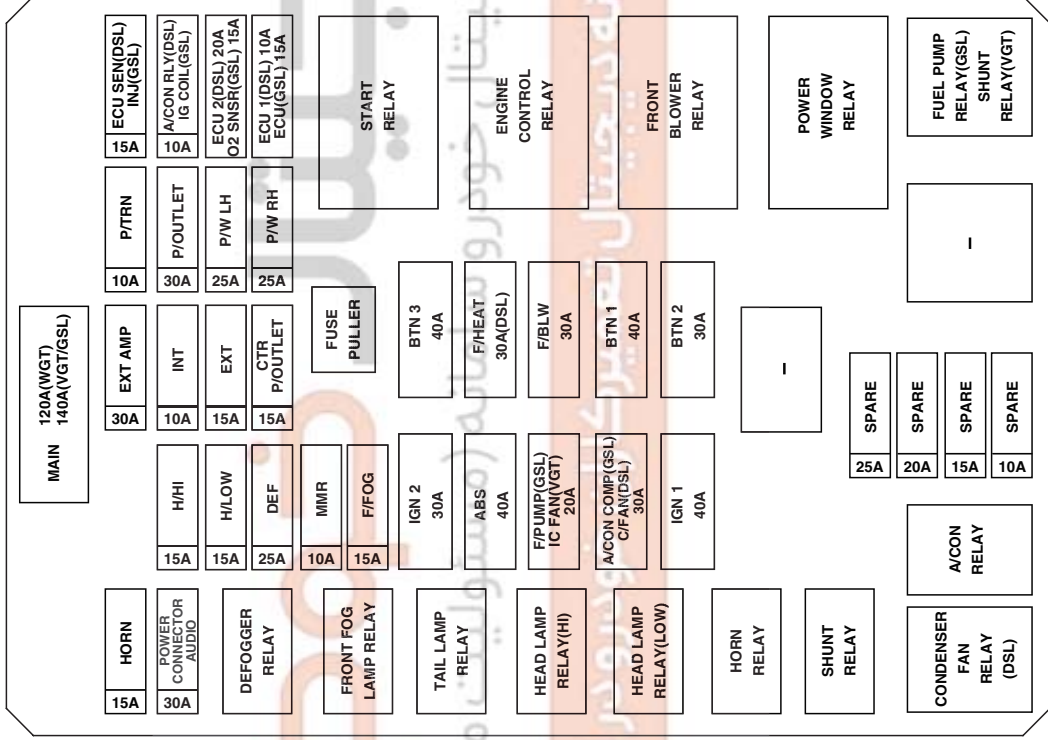
FUSE & RELAY INFORMATION

E05A7190

FUSE & RELAY INFORMATION (1)

SD100-1

E/R JUNCTION BOX LAYOUT



✘ USE THE DESIGNATED FUSE ONLY

FUSE & RELAY INFORMATION

FUSE & RELAY INFORMATION (2)

SD100-2

CIRCUIT

Description	(A)	Circuit Protected
MAIN	120A(WGT) 140A(VGT/GASOLINE)	Generator
IGN 1	40A	Ignition switch (ACC, IG1)
IGN 2	30A	Ignition switch (IG2, START), Start relay
BTN 1	40A	FUSE (ROOM 10A, O/S M.DEF 20A, STOP 20A)
BTN 2	30A	FUSE (TCCS 20A, S/WARMER 20A, R/FOG 15A)
BTN 3	40A	FUSE (HDLP WASHER 10A, DRL/OBD 2 10A, SEAT/D 30A, S/RF 20A, HZD 15A, D/LK 20A, W/SHD 15A)
F/BLW	30A	Front blower relay
C/FAN(Diesel)	30A	Condenser fan relay, A/CON relay
F/HEAT	30A	Fuel filter heater relay
ABS	40A	ABS/ESP control module
FUEL PUMP(Gasoline)	20A	Fuel pump relay
A/CON COMP(Gasoline)	30A	A/CON relay
I/C FAN(VGT)	20A	Inter cooler fan relay
P/TRN	10A	Generator, TCM, Engine control relay, ECM, PCM, Power relay
ECU SEN(Diesel)	15A	Camshaft position sensor, EGR actuator, VGT control solenoid valve, PTC heater relay, Glow plug relay
ECU 1(Diesel)	10A	ECM
ECU 2(Diesel)	20A	ECM
A/CON RLY(Diesel)	10A	Condenser fan relay, A/CON relay, Stop lamp switch, Lambda sensor
F/FOG	15A	Front fog lamp relay
DEF	25A	Defogger relay
HORN	15A	Horn relay
CTR P/OUTLET	15A	Shunt relay, Center power outlet
P/OUTLET	30A	Front power outlet, Rear power outlet
EXT AMP	30A	EXT amp
P/W LH	25A	Power window main switch, Rear power window switch LH
PW RH	25A	Power window main switch, Passenger window switch, Rear power window switch RH
H/LOW	15A	Head lamp LH/RH, Head lamp leveling actuator LH
H/HI	15A	Head lamp LH/RH, Head lamp leveling actuator RH, Instrument cluster
EXT	15A	Head lamp LH/RH, Head lamp washer relay, Front fog lamp relay
INT	10A	Illuminations, Head lamp leveling switch
MMR	10A	Door warning switch, Multimeter, Vanity lamp LH/RH, Door switch, BCM, Instrument cluster
ECU(Gasoline)	15A	PCM, Fuel pump relay
IG COIL(Gasoline)	10A	Ignition coil, Condenser
INJ(Gasoline)	15A	Injector, Oil control valve, Purge control solenoid valve, Mass air flow sensor
O2 SNSR(Gasoline)	15A	Oxygen sensor
AUDIO	30A	Audio, Power antenna, Rear wiper motor

✘ USE THE DESIGNATED FUSE ONLY