

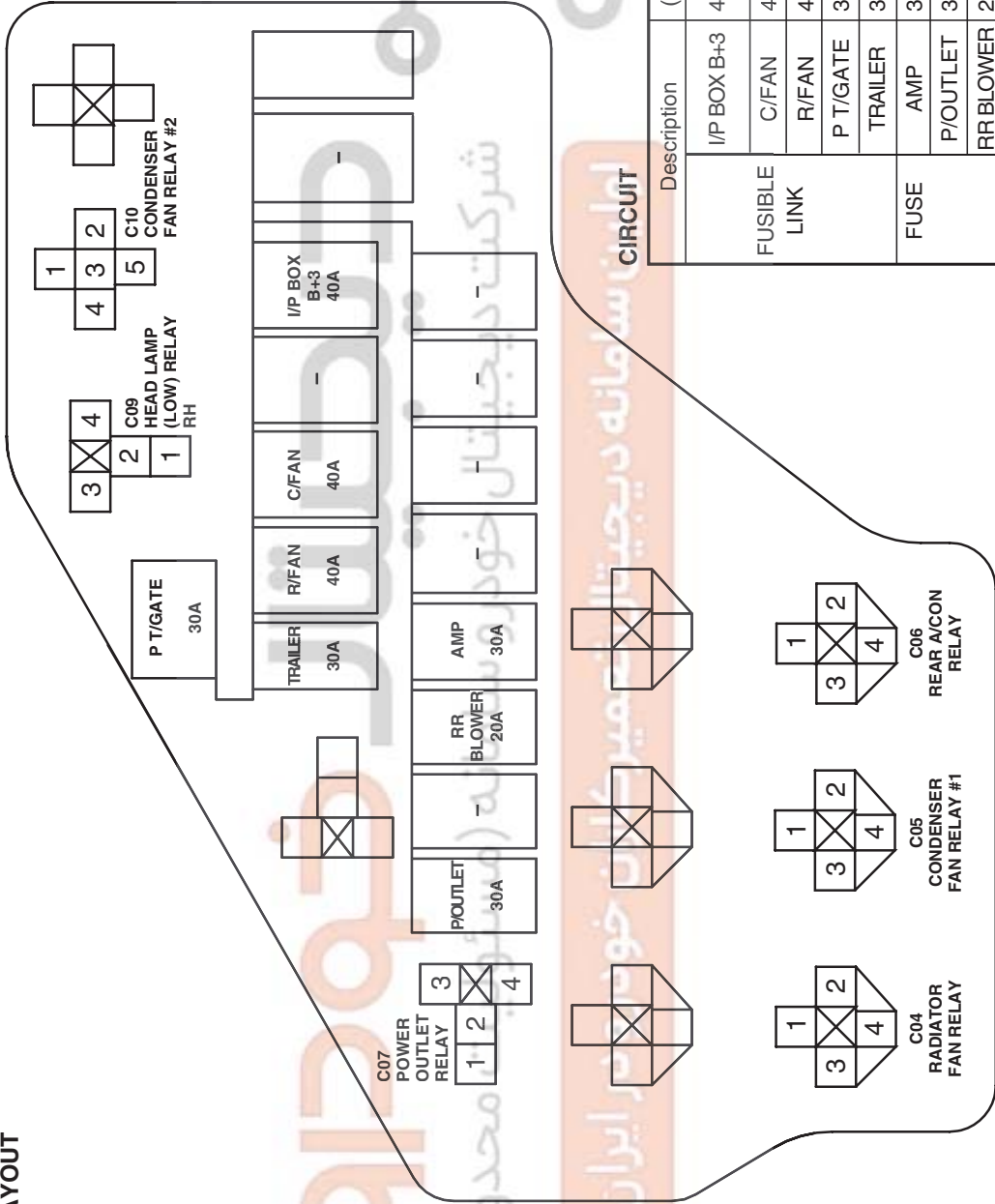
FUSE & RELAY INFORMATION

Fuse & Relay Information (3)

SD100-3

E/R SUB BOX(GSL)

LAYOUT



※ USE THE DESIGNATED FUSE AND RELAY ONLY

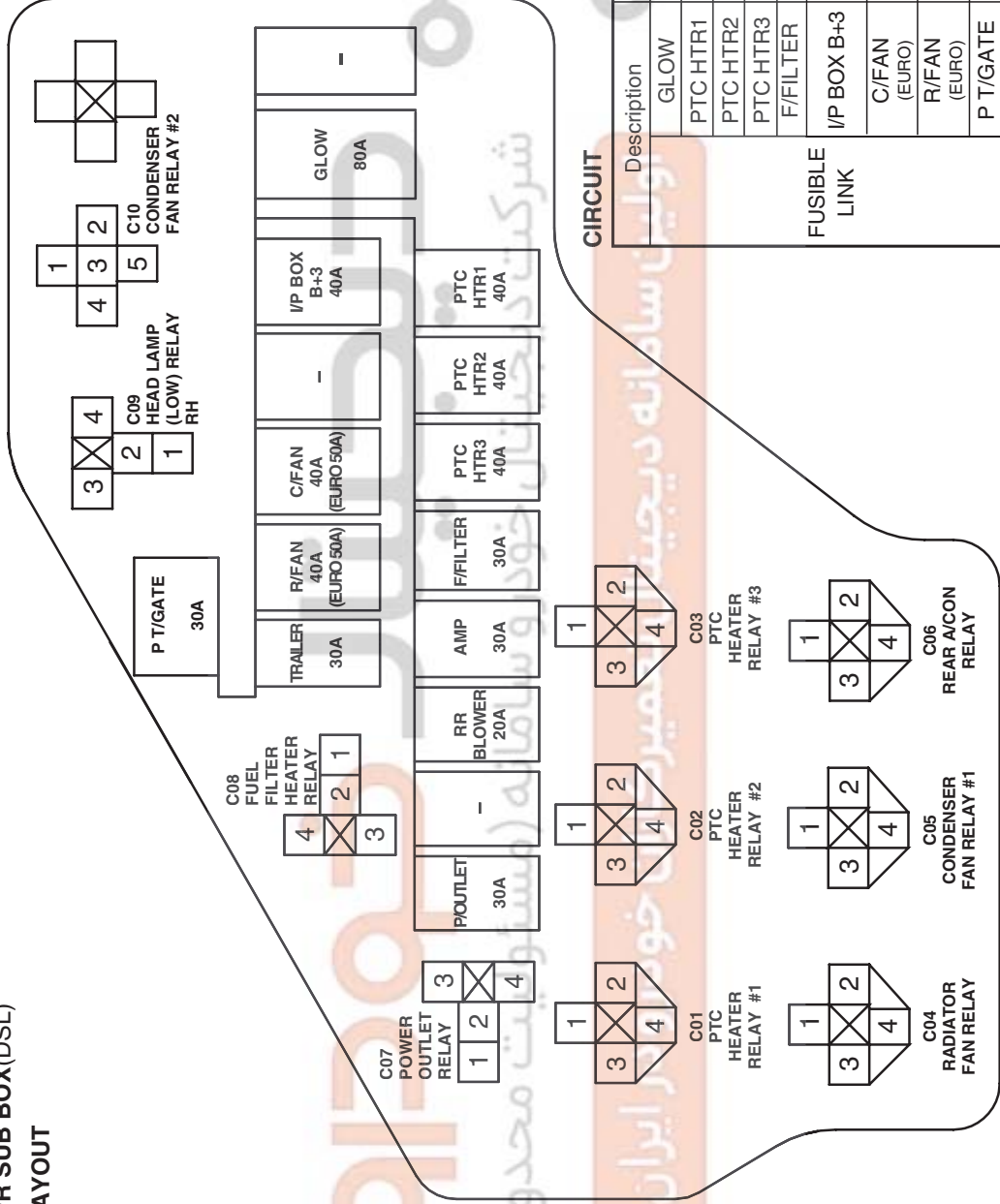
FUSE & RELAY INFORMATION

Fuse & Relay Information (4)

SD100-4

E/R SUB BOX(DSL)

LAYOUT



CIRCUIT

Description	(A)	Circuit Protected
GLOW	80A	Glow control module
PTC HTR1	40A	PTC heater relay #1
PTC HTR2	40A	PTC heater relay #2
PTC HTR3	40A	PTC heater relay #3
F/FILTER	30A	Fuel filter heater relay
I/P BOX B+3	40A	Fuse(RR FOG 15A, FUEL LID 15A, FR WIPER 30A, TILT & TELE 15A, DRL 15A)
C/FAN (EURO)	40A (50A)	Condenser fan relay #1
R/FAN (EURO)	40A (50A)	Radiator fan relay
P T/GATE	30A	Power tail gate control module
TRAILER	30A	Trailer power outlet
AMP	30A	JBL amp
P/OUTLET	30A	Power outlet relay
RR BLOWER	20A	Rear A/Con relay

✳️ USE THE DESIGNATED FUSE AND RELAY ONLY

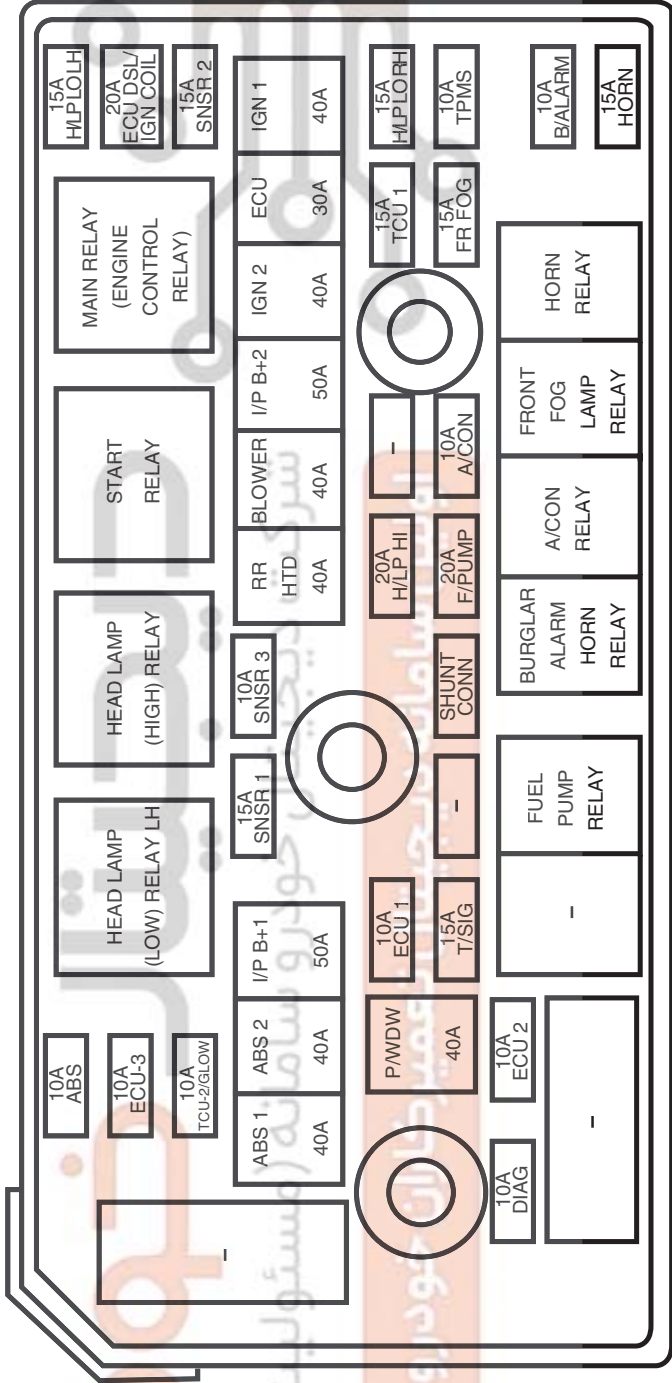
FUSE & RELAY INFORMATION

Fuse & Relay Information (5)

SD100-5

E/R JUNCTION BOX
LAYOUT

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※ USE THE DESIGNATED FUSE AND RELAY ONLY

FUSE & RELAY INFORMATION

Fuse & Relay Information (6)

SD100-6

CIRCUIT

Description	(A)	Circuit Protected
IGN 1	40A	Ignition switch(ACC, IG1)
IGN 2	40A	Start relay, Ignition switch(IG2, START)
I/P B+1	50A	Fuse(DR LOCK 20A, STOP LP 15A, TAIL LH/RH 10A ADJ-PEDAL 15A, H/LP WASHER 20A)
I/P B+2	50A	Fuse(P/SEAT 30A, KEY SOL 10A, S/ROOF 15A RSE/SMART KEY 10A, DEICER 15A Power connector(AUDIO1 15A, ROOM LP 15A))
FUSIBLE LINK	P/WDW 40A	Fuse(P/WDW LH/RH 25A)
	BLOWER 40A	Blower relay
	RR HTD 40A	Rear defogger relay, Fuse(MIRR HTD 10A)
	ECU 30A	Main relay(Engine control relay), Fuse(ECU DSL 20A(DSL) SNSR2 15A, SNSR1 15A, SNSR3 10A, ECU-2 10A IGN COIL 20A(GSL))
	ABS 1 40A	ABS/ESP control module
FUSE	ABS 2 40A	ABS/ESP control module
	TCU1 15A	TCM
	TPMS 10A	Tire pressure monitoring module, Front TPMS initiator LH/RH Semi active engine mounting solenoid
	B/ALARM 10A	Burglar alarm horn relay
	F/PUMP 20A	Fuel pump relay
FUSE	T/SIG 15A	BCM(Hazard lamp)
	A/Con 10A	A/Con relay
	ECU-1 10A	ECM(GSL), Multi-purpose check connector

Description	(A)	Circuit Protected
IGN COIL	20A	Ignition coil #1~#6(GSL)
SNSR1	15A	ECM(GSL), Mass air flow sensor(GSL) Oil control valve(GSL), Fuel metering unit(DSL) EGR actuator(DSL), EVGT actuator(DSL) Immobilizer module, PCSV(GSL), VIV(GSL)
SNSR2	15A	Fuel pump relay, Oxygen sensor #1~#4(GSL) Rail pressure control valve(DSL)
SNSR3	10A	A/Con relay, Injector #1~#6(GSL) Condenser fan relay,Radiator fan relay Lambda sensor(DSL)
ECU-2	10A	ECM(GSL), Stop lamp switch(DSL)
ECU DSL	20A	ECM(DSL), PTC heater relay #1(DSL)
H/LP LO RH	15A	Head lamp(Low) relay RH
H/LP LO LH	15A	Head lamp(Low) relay LH
H/LP HI	20A	Head lamp(High) relay
FR FOG	15A	Front fog lamp relay
HORN	15A	Horn relay
ABS	10A	ABS/ESP control module, ESP switch
DIAG	10A	-
ECU-3	10A	ECM
TCU-2/ GLOW	10A	TCM, Stop lamp switch(GSL) Glow control module(DSL), Air flow sensor(DSL) Fuel filter warning sensor(DSL)

※ USE THE DESIGNATED FUSE ONLY

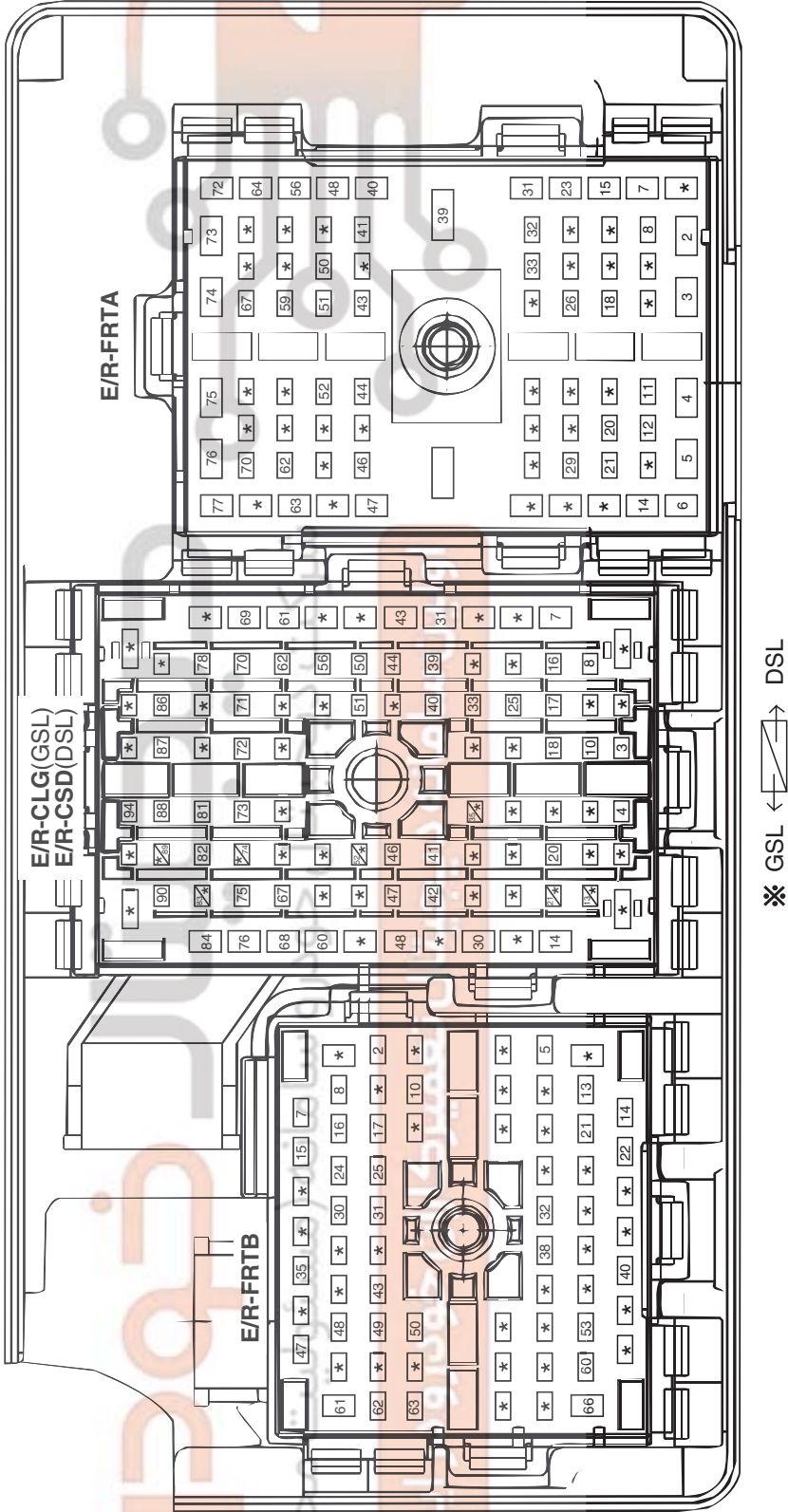
FUSE & RELAY INFORMATION

Fuse & Relay Information (7)

SD100-7

E/R JUNCTION BOX
LAYOUT

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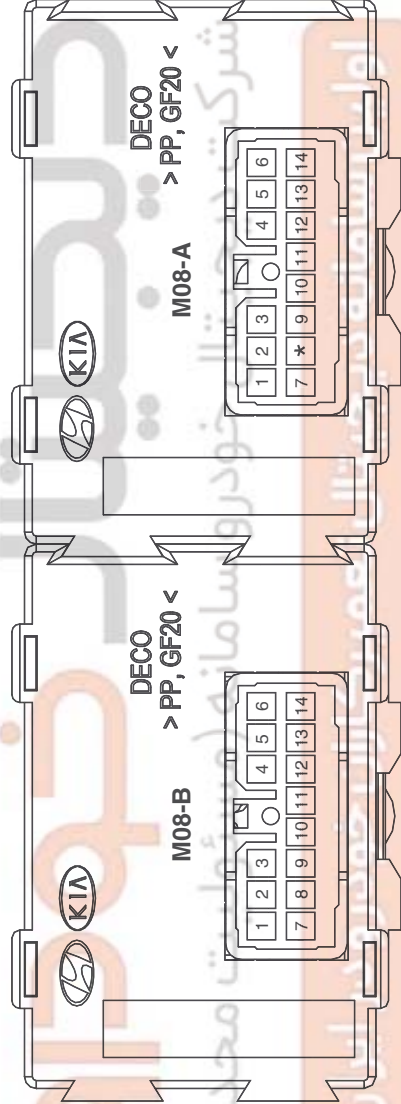
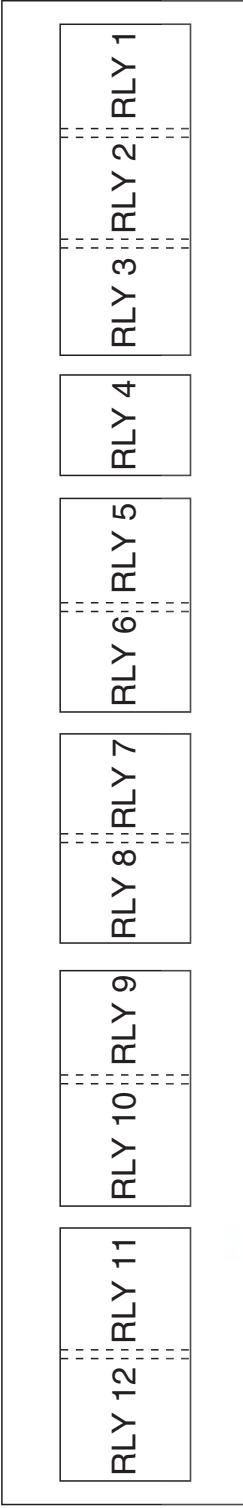
FUSE & RELAY INFORMATION

FUSE & RELAY INFORMATION (8)

SD100-8

ICM RELAY BOX

LAYOUT



RELAY NAME

NO	NAME
RLY 1	Front washer relay
RLY 2	Front wiper relay
RLY 3	Power tail gate relay(With Power T/Gate), Tail gate lock actuator relay(W/O Power T/Gate)
RLY 4	Rear fog lamp relay(Except Euro), Head lamp washer relay(Euro)
RLY 5	Rear seat warmer relay RH(Except Euro), Head lamp washer relay(GEN/MES)
RLY 6	Rear seat warmer relay LH(Except Euro)
RLY 7	Not used
RLY 8	Not used
RLY 9	Rear seat warmer relay RH(Euro)
RLY 10	Rear seat warmer relay LH(Euro)
RLY 11	DRL relay(Euro)
RLY 12	Rear fog lamp relay(Euro)

CIRCUIT

CONNECTOR	PIN NO.	RELAY
M08-A	1	RLY 1 / RLY 2
	2	RLY 2
	3	RLY 2
	4	RLY 3
	5	RLY 3
	6	RLY 4
	7	RLY 4
	8	-
	9	RLY 2
	10	RLY 1
	11	RLY 3
	12	RLY 3
	13	RLY 4
	14	RLY 4
M08-B	1	RLY 9 / RLY 10
	2	RLY 6 (Except Euro)
	3	RLY 6 (Except Euro)
	4	RLY 10 (Euro)
	5	RLY 11
	6	RLY 12
	7	RLY 5 (Except Euro)
	8	RLY 9 (Euro)
	9	RLY 5
	10	RLY 5 (Except Euro)
	11	RLY 10 (Euro)
	12	RLY 6 (Except Euro)
	13	RLY 9 (Euro)
	14	RLY 11