

FUSE & RELAY INFORMATION

Fuse & Relay Information (3)

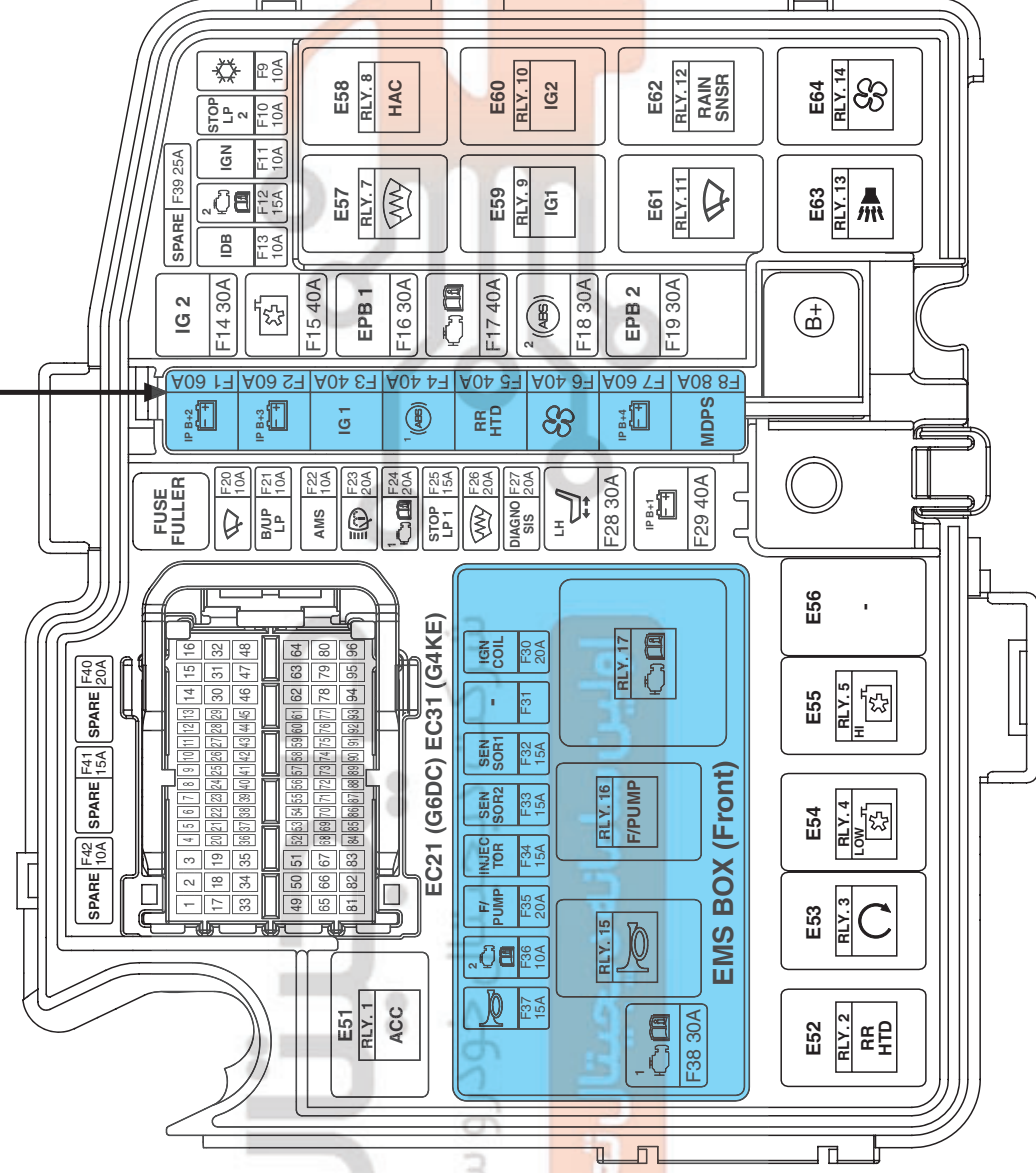
E/R FUSE & RELAY BOX

Layout

Relay No.	Relay Name	Type
E51	ACC RELAY	Plug Micro
E52	RR HTD RELAY	Plug Micro
E53	START RELAY	Plug Micro
E54	C/FAN LO RELAY	Plug Micro
E55	-	Plug Micro
E56	C/FAN HI RELAY	Plug Micro
E57	DEICER RELAY	Plug Micro
E58	HAC RELAY	Plug Micro
E59	IG 1 RELAY	Plug Micro
E60	IG 2 RELAY	Plug Micro
E61	WIPER RELAY	Plug Micro
E62	RAIN SNSR RELAY	Plug Micro
E63	B/ALARM HORN RELAY	Plug Micro
E64	BLOWER RELAY	Plug Micro
EMS BOX	Horn Relay	Plug Micro
RELAY 16	Fuel Pump Relay	Plug Micro
RELAY 17	Engine Control Relay	Plug Mini

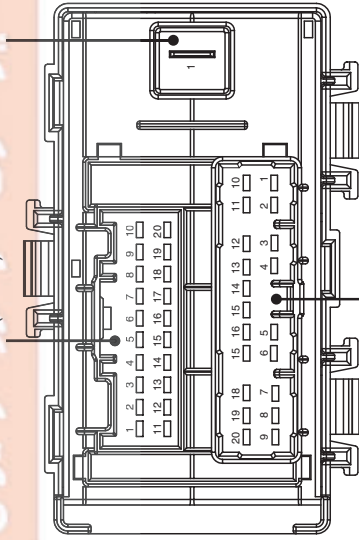
SD100-3

MULTI FUSE



EMS BOX (Rear)

E/R-EHGB(G4KE)
E/R-ELGB(G6DC)



E/R-EHGA(G4KE)
E/R-ELGA(G6DC)

❖ USE THE DESIGNATED FUSE AND RELAY ONLY.

FUSE & RELAY INFORMATION

Fuse & Relay Information (4)

SD100-4

Circuit

No.	(A)	Symbol	Circuit Protected
F1	60A		IPM (F7, F8, F9, F10, F11, IPS1, IPS2, IPS3, IPS5, IPS7)
F2	60A		IPM (F14, F15, F17, F18, F25)
F3	40A	IG 1	W/O Smart Key : Ignition Switch With Smart Key : E/R Fuse & Relay Box (RLY. 1, RLY. 9)
F4	40A		ABS Control, ESP Control
F5	40A	RR	E/R Fuse & Relay Box (RLY. 2)
F6	40A		E/R Fuse & Relay Box (RLY. 14)
F7	60A		IPM (F4, F5, IPS 0, IPS 4, IPS 6)
F8	80A	Mdps	Not Used
F9	10A		A/C Control Module
F10	10A	STOP LP2	E/R Fuse & Relay Box (RLY. 8), Stop Lamp Switch, Multipurpose Check Connector
F11	10A	IGN	Alternator, PCM
F12	15A		Transaxle Range Switch
F13	10A	IDB	Not Used
F14	30A	IG 2	W/O Smart Key : E/R Fuse & Relay Box (RLY. 3), Ignition Switch With Smart Key : E/R Fuse & Relay Box (RLY. 3, RLY. 10)
F15	40A		E/R Fuse & Relay Box (RLY. 4, RLY. 5)
F16	30A	EPB 1	Electric Parking Brake Module
F17	40A		EMS Box (F35, F36, F37, F38)
F18	30A		ABS Control, ESP Control
F19	30A	EPB 2	Electric Parking Brake Module
F20	10A		IPM (IPS Control Module)

No.	(A)	Symbol	Circuit Protected
F21	10A	B/UP LP	MTS Module, AV & Navigation Head Unit, Rear Curtain Module, Electro Chromic Mirror, Rear Combination Lamp(In) LH/RH
F22	10A	AMS	Not Used
F23	20A		ICM Relay Box (Head Lamp Washer Relay)
F24	20A		PCM
F25	15A	STOP LP1	E/R Fuse & Relay Box (RLY. 12), Stop Lamp Switch, Stop Lamp Signal Relay
F26	20A		E/R Fuse & Relay Box (RLY. 7)
F27	20A	DIAGNOSIS	Multipurpose Check Connector
F28	30A	LH	IMS Control Module, Driver Lumbar Support Switch, Driver Cushion Extension Switch, Driver Manual Switch
F29	40A		IPM (F29, F30, F31, F32, IPS 11, Leak Current Autocut Device)
F30	20A	IGN COIL	G4KE : Ignition Coil #1, #2, #3, #4, #5, #6, Condenser #1, #2 G6DC : Ignition Coil #1, #2, #3, #4, #5, #6, Condenser #1, #2
F32	15A	SENSOR 1	G4KE : Immobilizer Module, Camshaft Position Sensor #1, #2, Variable Intake Manifold Valve, Crankshaft Position Sensor, Oil Control Valve #1, #2, Canister Purge Control Solenoid Valve
F33	15A	SENSOR 2	G4KE : Immobilizer Module, Camshaft Position Sensor #1, #2, #3, #4 G6DC : PCM, Immobilizer Module, Oxygen Sensor #1, #2, #3, #4
F34	15A	INJECTOR	G4KE : E/R Fuse & Relay Box (RLY. 5), Oxygen Sensor (Up, Down)
F35	20A	FPUMP	G6DC : Variable Intake Manifold Valve #1, #2, PCM, E/R Fuse & Relay Box (RLY. 5), Oil Control Valve #1, #2, #3, #4, Canister/Purge Control Solenoid Valve,
F36	10A		G4KE : Injector #1, #2, #3, #4
F37	15A		E/R Fuse & Relay Box (RLY. 13), EMS Box (RLY. 15)
F38	30A		E/R Fuse & Relay Box (RLY. 16), EMS Box (RLY. 17)

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