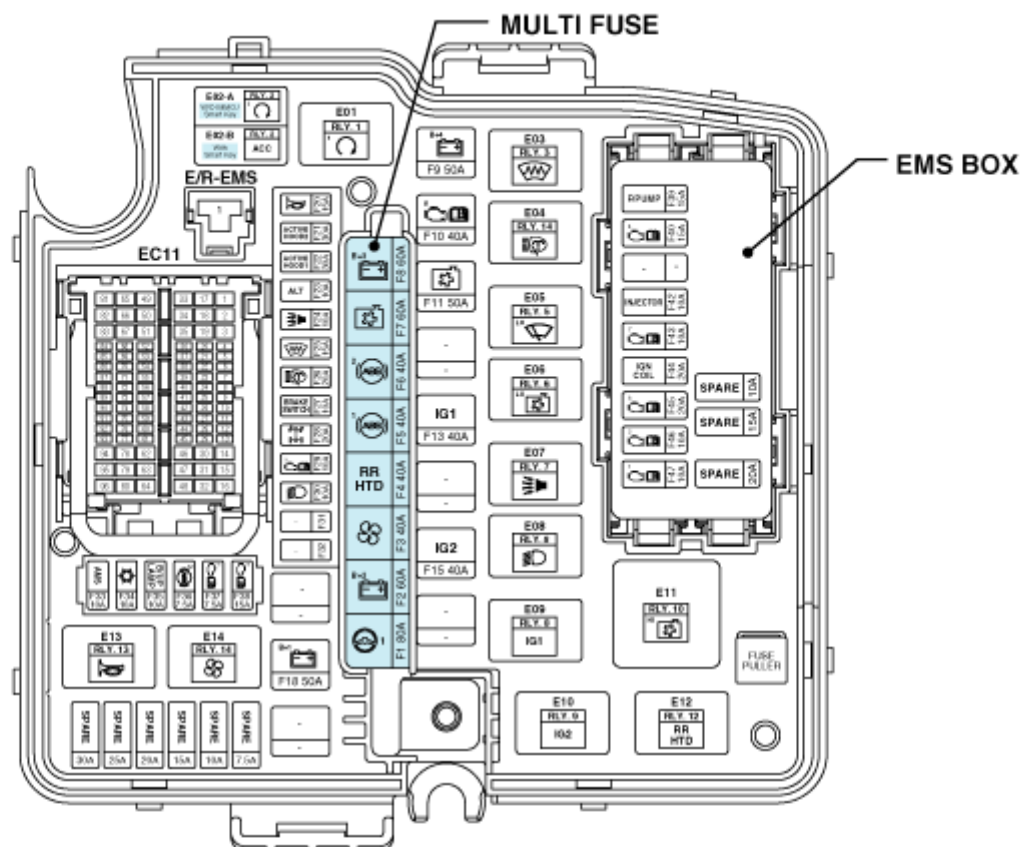


## Component Location



Relay NO.	Symbol	Relay Name	Type
E01		START1 RELAY	ISO MICRO
E02-A		START2 RELAY (W/O IMMO./Smart Key)	ISO MICRO
E02-B	ACC	ACC RELAY (With Smart Key)	ISO MICRO
E03		FRONT DEICER RELAY	ISO MICRO
E04		HEAD LAMP WASHER RELAY	ISO MICRO
E05		WIPER (LO) RELAY	ISO MICRO
E06		COOLING FAN (LO) RELAY	ISO MICRO
E07		BURGLAR ALARM HORN RELAY	ISO MICRO
E08		HEAD LAMP RH RELAY	ISO MICRO
E09	IG1	IG1 RELAY	ISO MICRO
E10	IG2	IG2 RELAY	ISO MICRO
E11		COOLING FAN (Hi) RELAY	ISO MINI
E12	RR HTD	REAR DEFOGGER RELAY	ISO MICRO
E13		HORN RELAY	ISO MICRO
E14		BLOWER RELAY	ISO MICRO

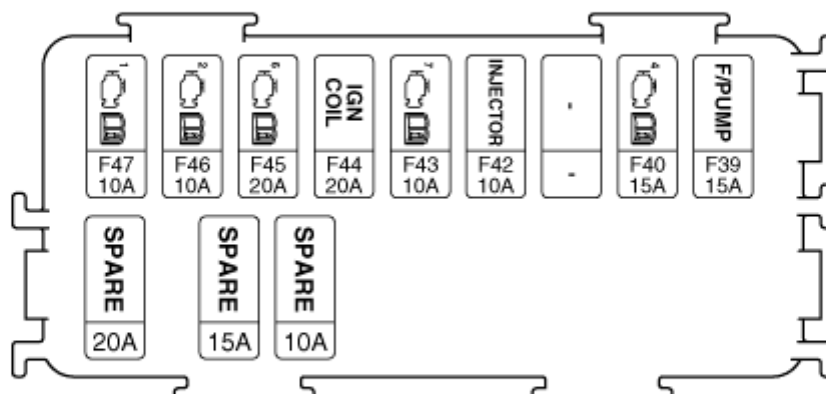
※ USE THE DESIGNATED FUSE AND RELAY ONLY

### Circuit (E/R Fuse & Relay Box)

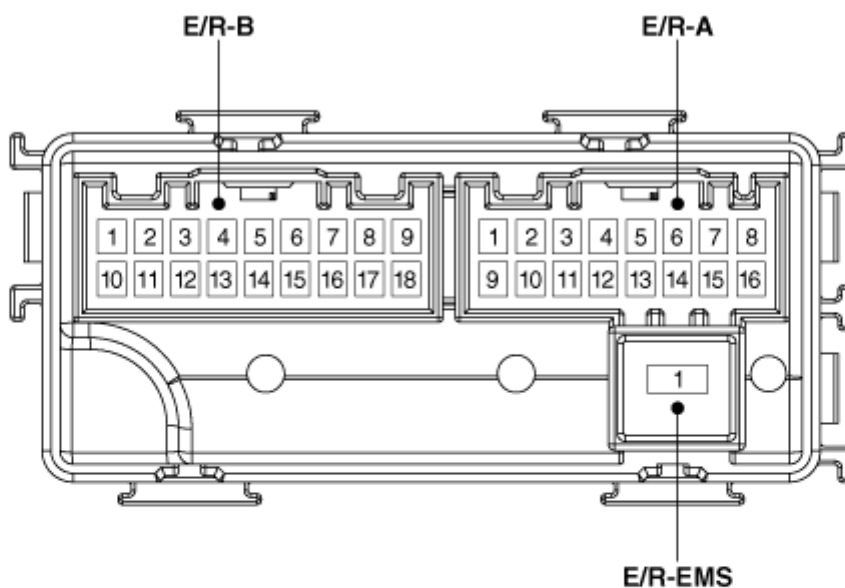
Fuse No.	(A)	Symbol	Fuse Name	Circuit Protected
MULTI FUSE	F1	80A	MDPS	MDPS Unit
	F2	60A	B+2	Smart Junction Box (IPS 1, IPS 2, ARISU LH, Fuse - F12/F17/F22/F27)
	F3	40A	BLOWER	RLY. 14 (Blower Relay)
	F4	40A	RR HTD	REAR DEFOGGER
	F5	40A	1	ABS1
	F6	40A	2	ABS2
	F7	60A	C/FAN	310W - RLY. 10 (Cooling Fan (HI) Relay)
	F8	60A	B+3	Smart Junction Box (Fuse - F23/F28/F32/F36, Leak Current Autocut Device)
FUSE	F9	50A	B+4	Smart Junction Box (IPS 3, IPS 4, ARISU RH, Fuse - F3/F8/F13/F18)
	F10	40A	EMS	EMS Box
	F11	50A	C/FAN	RLY. 6 (Cooling Fan (LO) Relay), 250W - RLY. 10 (Cooling Fan (HI) Relay)
	F13	40A	IG1	Ignition Switch (W/O Smart Key), RLY. 2/9 (ACC/IG1 Relay, With Smart Key)
	F15	40A	IG2	Ignition Switch (W/O Smart Key), RLY. 1 (Start1 Relay)/RLY. 11 (IG2 Relay, With Smart Key)
	F18	50A	B+1	Smart Junction Box (Fuse - F1/F11/F16/F21/F26)
	F20	15A	HORN	RLY. 13 (Horn Relay)
	F21	30A	ACTIVE HOOD2	Active Hood Lift Control Module
	F22	30A	ACTIVE HOOD1	Active Hood Lift Control Module
	F23	10A	ALT	G6DC - Alternator
	F24	10A	B/A HORN	RLY. 7 (Burglar Alarm Horn Relay)
	F25	15A	DEICER	RLY. 3 (Front Deicer Relay)
	F26	20A	H/LP WASHER	RLY. 4 (Head Lamp Washer Relay)
	F27	10A	BRAKE SWITCH	Stop Lamp Switch, Smart Key Control Module
	F28	20A	4WD	4WD ECM
	F29	10A	SENSOR3	Battery Sensor
	F30	10A	HEAD LAMP RH	RLY. 8 (Head Lamp RH Relay)
	F33	10A	AMS	PCM/ECM, RLY. 5 (Wiper (LO) Relay)
	F34	10A	A/CON	A/C Control Module (Auto)
	F35	10A	B/UP LAMP	M/T - Back-Up Lamp Switch, A/T - Rear Combination Lamp (IN) LH/RH, Electro Chromic Mirror, Audio, A/V & Navigation Head Unit
	F36	7.5A	3	ABS3
	F37	7.5A	SENSOR5	G4KE/G4KJ/G6DC : PCM, Alternator (G6DC) D4HA/D4HB : ECM, Mass Air Flow Sensor
	F38	15A	TCU	M/T : F35 (B/UP LAMP) A/T : Transaxle Range Switch, TCM (D4HB)

✘ USE THE DESIGNATED FUSE AND RELAY ONLY

<FRONT>








<REAR>



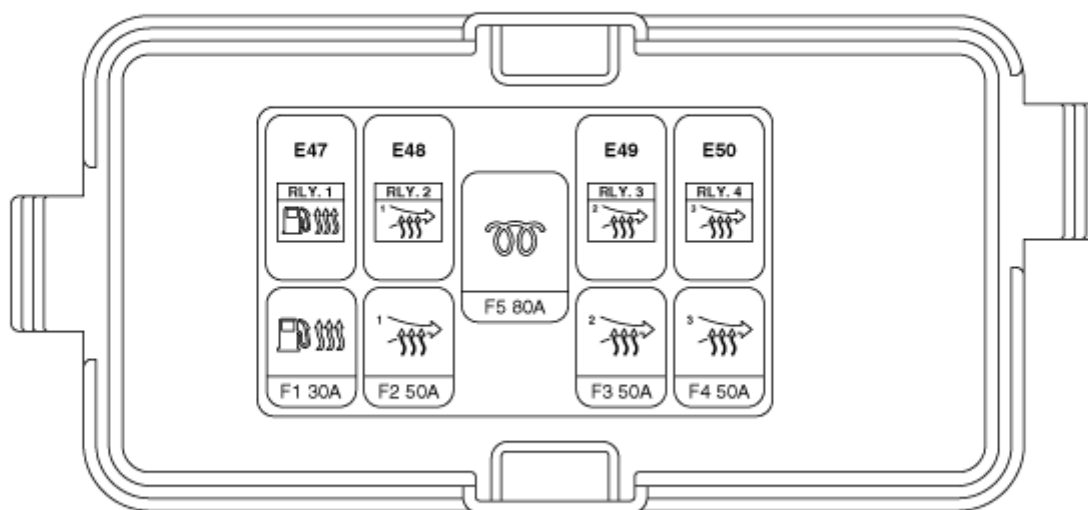
※ USE THE DESIGNATED FUSE AND RELAY ONLY

### Circuit (EMS Box)

Fuse No.	(A)	Symbol	Fuse Name	Circuit Protected
F39	15A	F/PUMP	F/PUMP	Fuel Pump Relay
F40	15A		ECU4	G4KE/G4KJ/G6DC : PCM D4HB : TCM (A/T)
F41	-	-	-	-
F42	10A	INJECTOR	INJECTOR	G4KE : Injector #1/#2/#3/#4, Immobilizer Module, Fuel Pump Relay G4KJ : Immobilizer Module, Fuel Pump Relay G6DC : PCM, Injector #1/#2/#3/#4/#5/#6, Fuel Pump Relay D4HB : Immobilizer Module, Fuel Pressure Regulating Valve, Rail Pressure Regulating Valve, Fuel Pump Relay D4HA : Immobilizer Module, Fuel Pressure Regulating Valve, Camshaft Position Sensor, Rail Pressure Regulating Valve, Fuel Pump Relay
F43	10A		ECU2	G4KE/G4KJ/D4HA/D4HB : Oil Level Sensor
F44	20A	IGN COIL	IGN COIL	G4KE/G4KJ : Condenser, Ignition Coil #1/#2/#3/#4 G6DC : Condenser #1/#2, Ignition Coil #1/#2/#3/#4/#5/#6
F45	20A		ECU1	G4KE/G4KJ : PCM D4HA/D4HB : ECM
F46	10A		SENSOR2	G4KE/G4KJ : E/R Fuse & Relay Box (RLY. 6/10) G6DC : PCM, E/R Fuse & Relay Box (RLY. 6/10), Oil Control Valve #1/#2/#3/#4, Purge Control Solenoid Valve, Variable Intake Solenoid Valve #1/#2, Immobilizer Module D4HB : E/R Fuse & Relay Box (RLY. 6/10), Diesel Box (RLY. 2), Electronic VGT Actuator, EGR Cooling Bypass Solenoid Valve, Low Power EGR Valve Actuator D4HA : E/R Fuse & Relay Box (RLY. 6/10), Diesel Box (RLY. 2), Electronic VGT Actuator, Exhaust PCV Actuator, EGR Cooling Bypass Solenoid Valve, Low Power EGR Valve Actuator
F47	10A		SENSOR1	G4KE/G4KJ : Oxygen Sensor (Up/Down), Purge Control Solenoid Valve, Camshaft Position Sensor #1/#2, Variable Intake Solenoid Valve, Crankshaft Position Sensor, Oil Control Valve #1/#2 G6DC : PCM, Oxygen Sensor #1/#2/#3/#4 D4HB : Crankshaft Position Sensor, Lambda Sensor, Stop Lamp Switch D4HA : Lambda Sensor, Stop Lamp Switch

※ USE THE DESIGNATED FUSE AND RELAY ONLY

**D4HA/D4HB : R2.0L/2.2L**



**Circuit**

NO.	(A)	Symbol	Circuit Protected
F1	30A		RLY. 1 (Fuel Filter Heater Relay)
F2	50A		RLY. 2 (PTC Heater Relay #1)
F3	50A		RLY. 3 (PTC Heater Relay #2)
F4	50A		RLY. 4 (PTC Heater Relay #3)
F5	80A		Glow Relay Unit

**Relay Type**

Relay NO.	Symbol	Relay Name	Relay Type
E47		RLY. 1 (Fuel Filter Heater Relay)	MICRO PLUG
E48		RLY. 2 (PTC Heater Relay #1)	MICRO PLUG
E49		RLY. 3 (PTC Heater Relay #2)	MICRO PLUG
E50		RLY. 4 (PTC Heater Relay #3)	MICRO PLUG

**※ USE THE DESIGNATED FUSE AND RELAY ONLY**