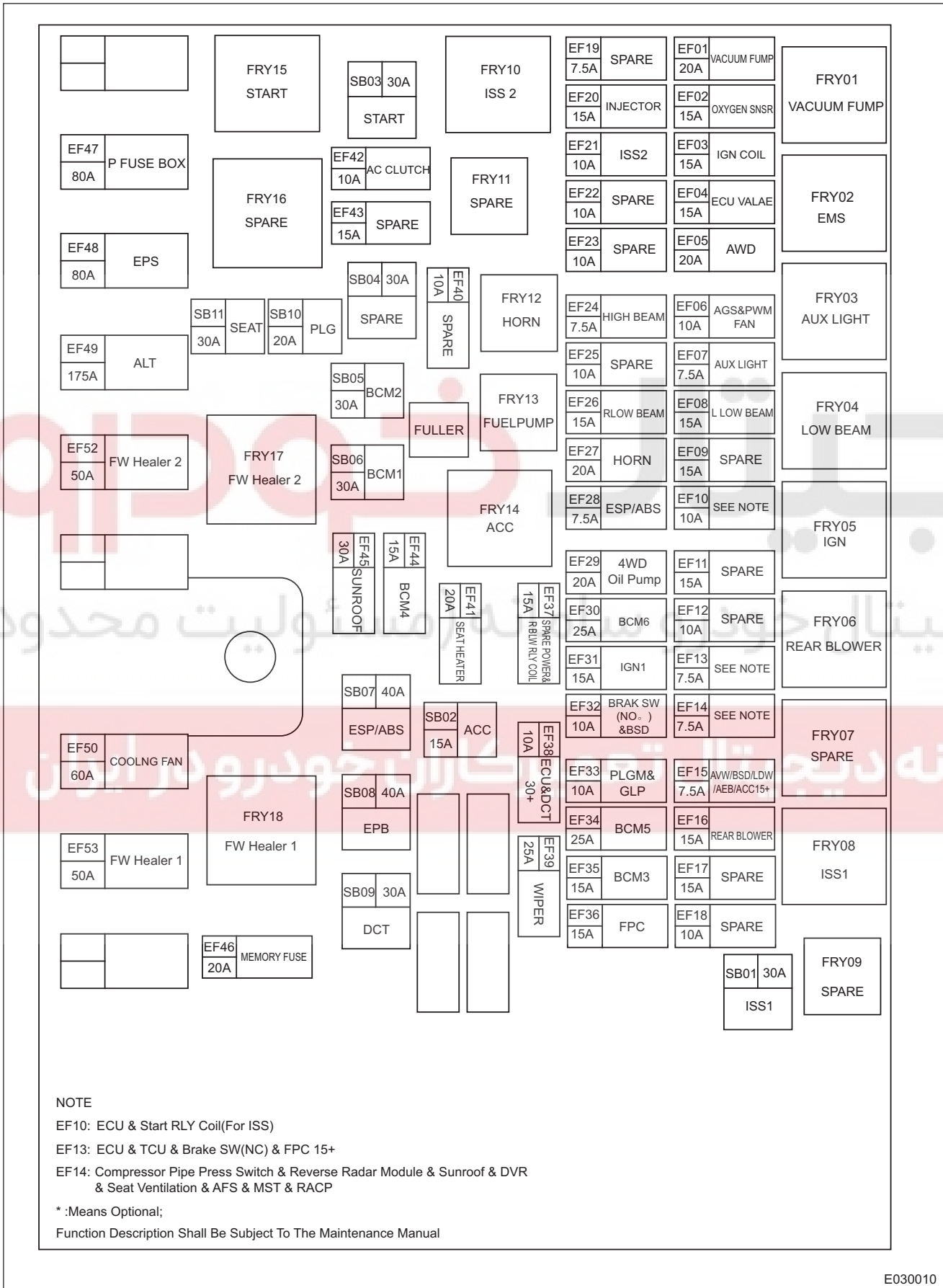


CHAPTER 3. SCHEMATIC DIAGRAM

(1). Power Supply Distribution Center

1.1. Front Compartment Fuse and Relay Box Layout Diagram (F4J20)



1.2. Front Compartment F/R Box Fuse Function Instruction

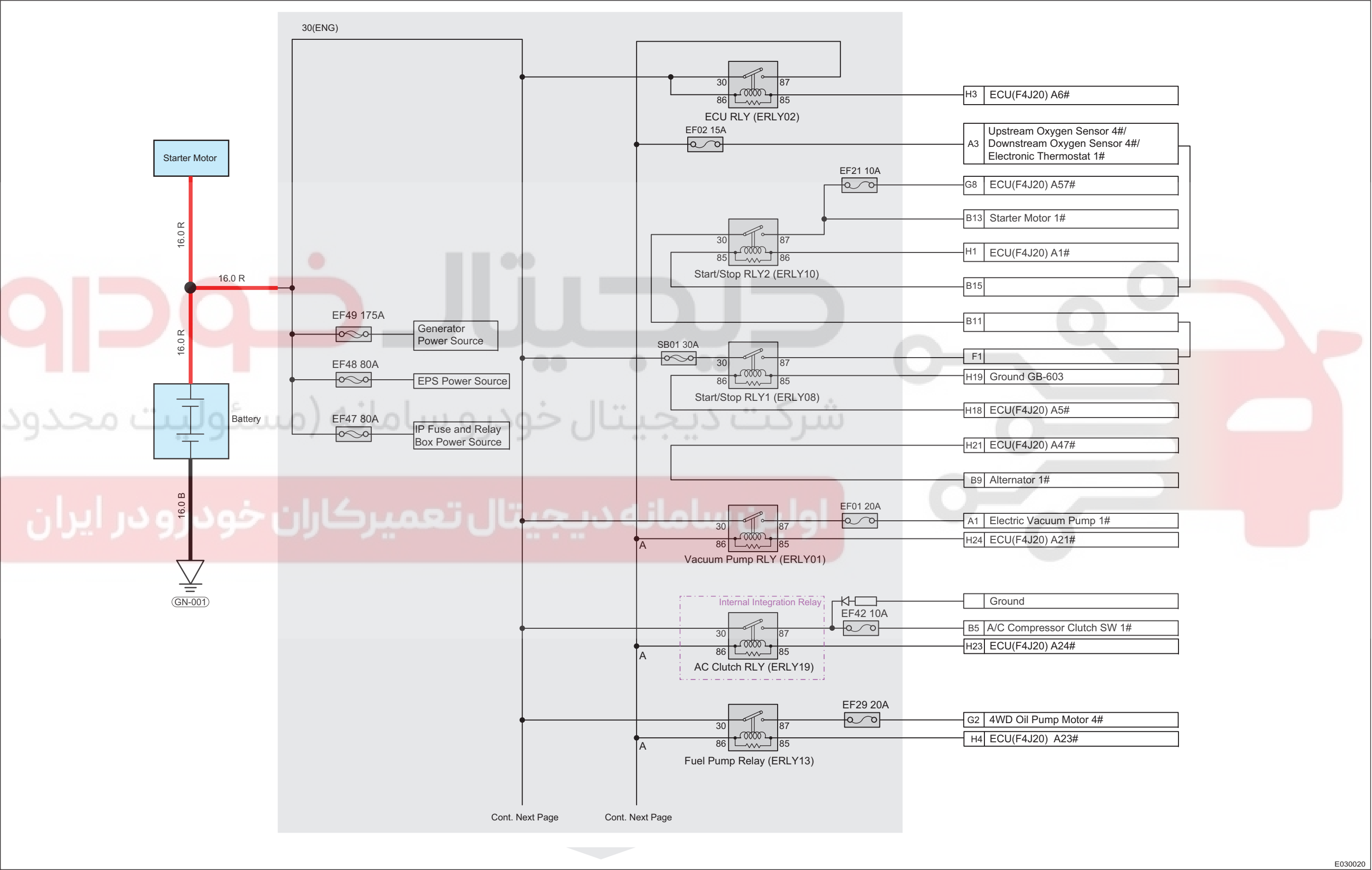
No.	Fuse Name	Fuse Load (A)	Function
1	SB01	30A	Start Stop 1
2	SB02	15A	ACC
3	SB03	30A	-
4	SB04	30A	-
5	SB05	30A	BCM2, Jam Protection Module
6	SB06	30A	BCM1, Jam Protection Module
7	SB07	40A	ESP (WITH EPB)
8	SB08	40A	ESP (WITH EPB)
9	SB09	30A	Transmission 7DCT 2.0T
10	SB10	20A	Power Back Door
11	SB11	30A	Seat Adjustment
12	EF01	20A	Vacuum Pump
13	EF02	15A	Upstream Oxygen Sensor/Downstream Oxygen Sensor/Electronic Thermostat
14	EF03	15A	Ignition Coil
15	EF04	15A	ECU Solenoid Valve/Canister Control Valve/Intake Variable Valve Timing/Exhaust Variable Valve Timing/ERCV Relief Control Valve/Variable Oil Pump/Crankshaft Ventilation Box Heater
16	EF05	20A	Four-wheel Drive System
17	EF06	10A	Continuously Variable Fan
18	EF07	7.5A	Front Fog Light
19	EF08	15A	Left Low Beam Light
20	EF09	15A	-
21	EF10	10A	ECU (F4J20)/Canister Close Valve/Brake Switch
22	EF11	15A	-
23	EF12	10A	-
24	EF13	7.5A	ECU (F4J20)/Transmission 7DCT 2.0T/Four-wheel Drive System
25	EF14	7.5A	Reversing Radar/Sunroof/Seat Ventilation/Seat Memory/Rear A/C Panel/Anti Glare Interior Rear View Mirror
26	EF15	7.5A	FRM, FCM, Panoramic Controller
27	EF16	15A	Rear Blower
28	EF17	15A	-
29	EF18	10A	-

CHAPTER 3. SCHEMATIC DIAGRAM

1.2. Front Compartment F/R Box Fuse Function Instruction (continued)

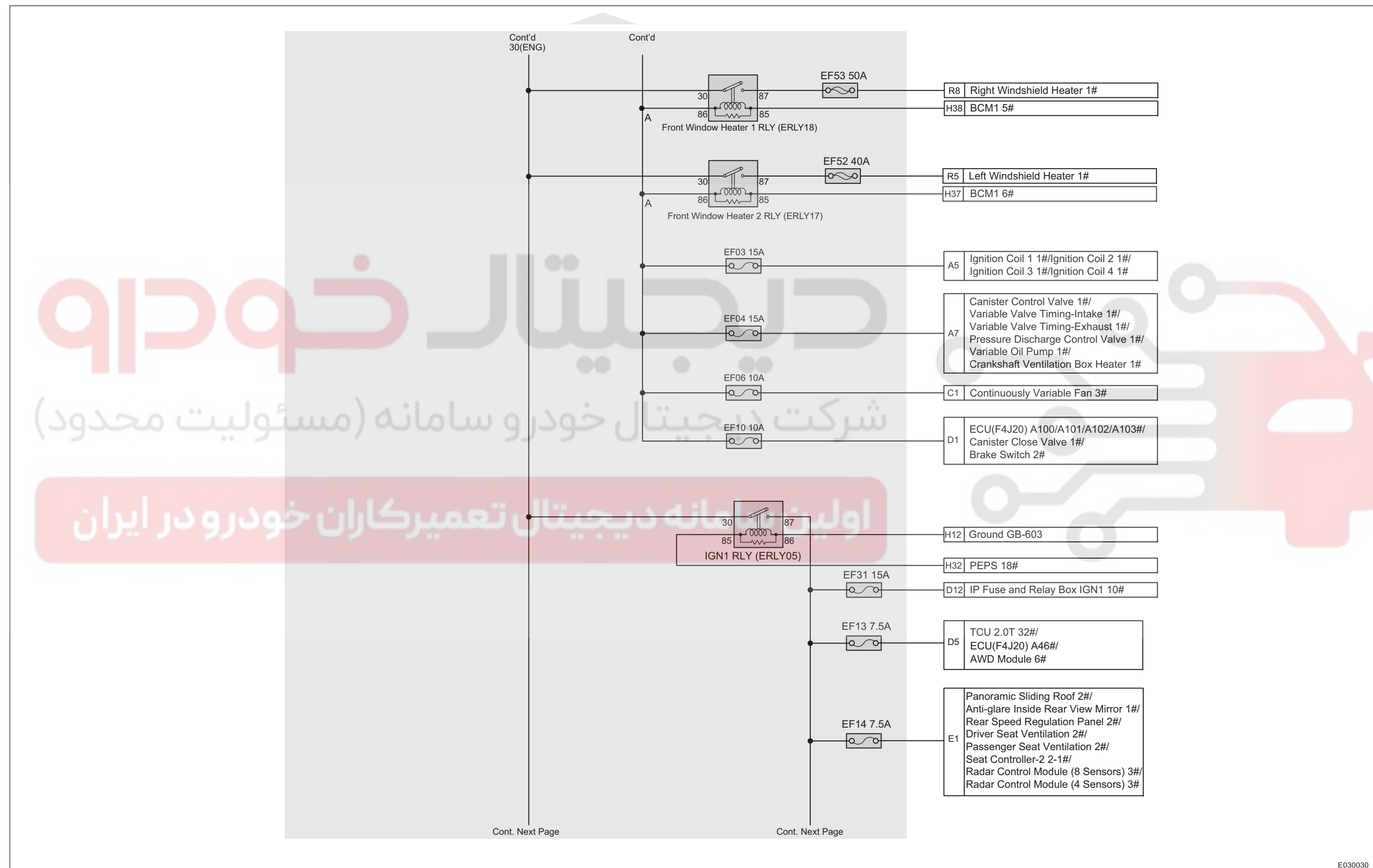
No.	Fuse Name	Fuse Load (A)	Function
30	EF19	7.5A	-
31	EF20	15A	-
32	EF21	10A	Start Stop 2
33	EF22	10A	-
34	EF23	10A	-
35	EF24	7.5A	High Beam Light
36	EF25	10A	-
37	EF26	15A	Right Low Beam Light
38	EF27	20A	Horn
39	EF28	7.5A	ESP (WITH EPB)
40	EF29	20A	4WD Oil Pump Motor
41	EF30	25A	BCM6
42	EF31	15A	IGN1
43	EF32	10A	Brake Switch/Blind Spot Monitoring
44	EF33	10A	Power Back Door Module/Ground Light
45	EF34	25A	BCM5
46	EF35	15A	BCM3
47	EF36	15A	-
48	EF37	15A	Backup Power Supply/Rear Blower Coil
49	EF38	10A	ECU(F4J20)
50	EF39	25A	Wiper
51	EF40	10A	-
52	EF41	20A	Seat Heating
53	EF42	10A	A/C Compressor Clutch Switch
54	EF43	15A	-
55	EF44	15A	BCM4
56	EF45	30A	Sunroof
57	EF46	20A	Sea Transportation Fuse/ IP Fuse Box
58	EF47	80A	IP Fuse Box
59	EF48	80A	EPS
60	EF49	175A	Alternator
61	EF50	60A	Cooling Fan
62	EF52	50A	Front Windshield Heating 2
63	EF53	50A	Front Windshield Heating 1

1.3. Front Compartment Fuse and Relay Box Internal Diagram

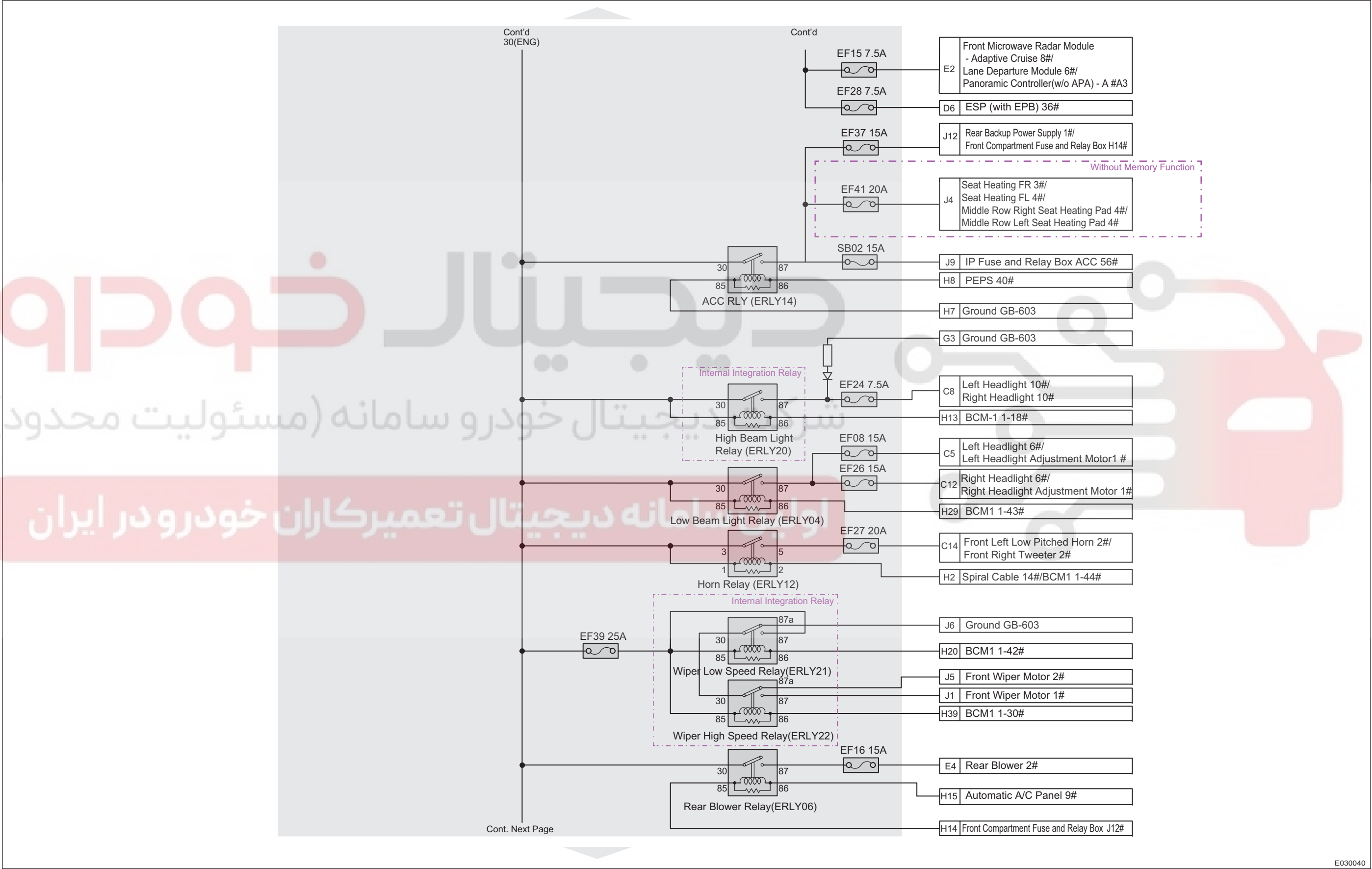


CHAPTER 3. SCHEMATIC DIAGRAM

1.3. Front Compartment Fuse and Relay Box Internal Diagram (continued)



1.3. Front Compartment Fuse and Relay Box Internal Diagram (continued)



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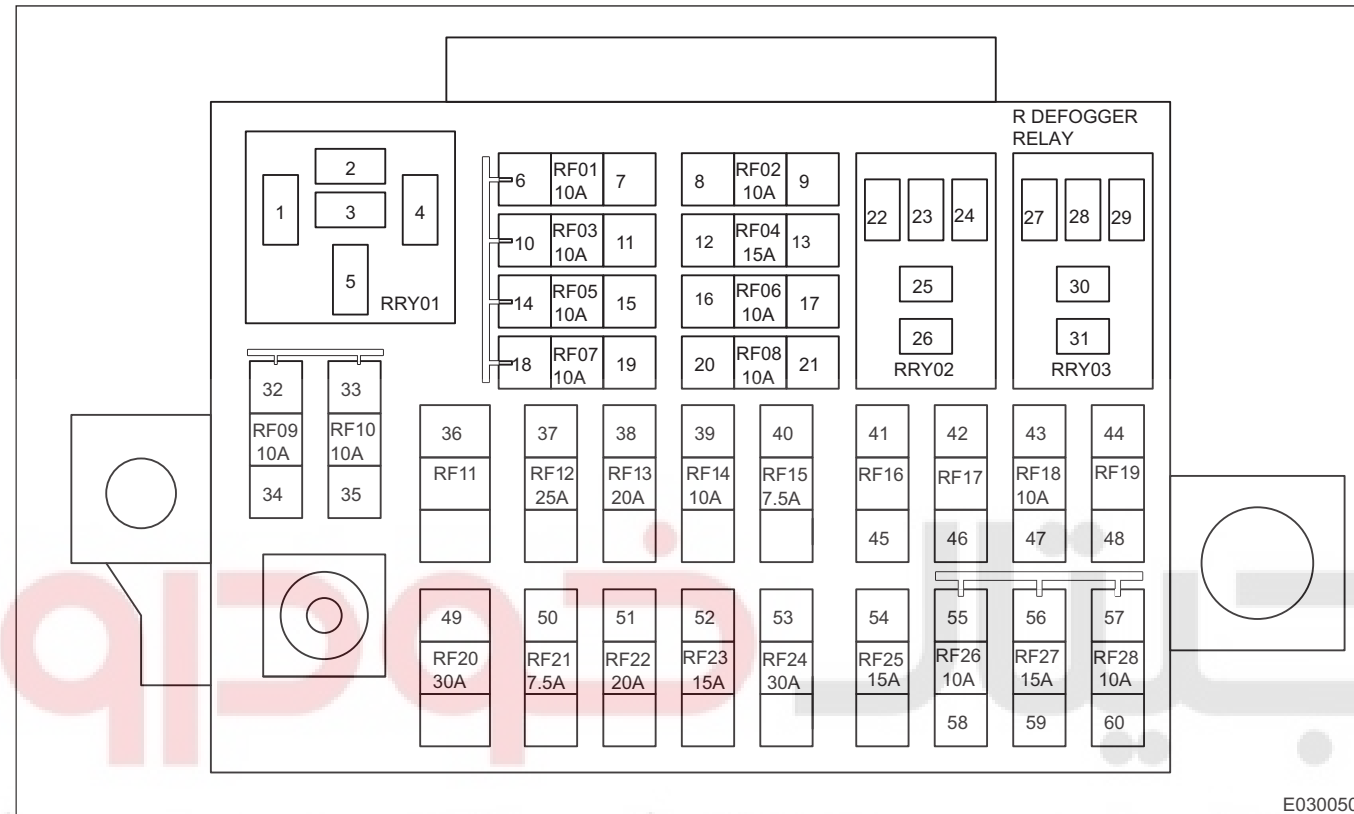
CHAPTER 3. SCHEMATIC DIAGRAM

1.3. Front Compartment Fuse and Relay Box Internal Diagram (continued)



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1.4. IP Fuse and Relay Box Layout Diagram



شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

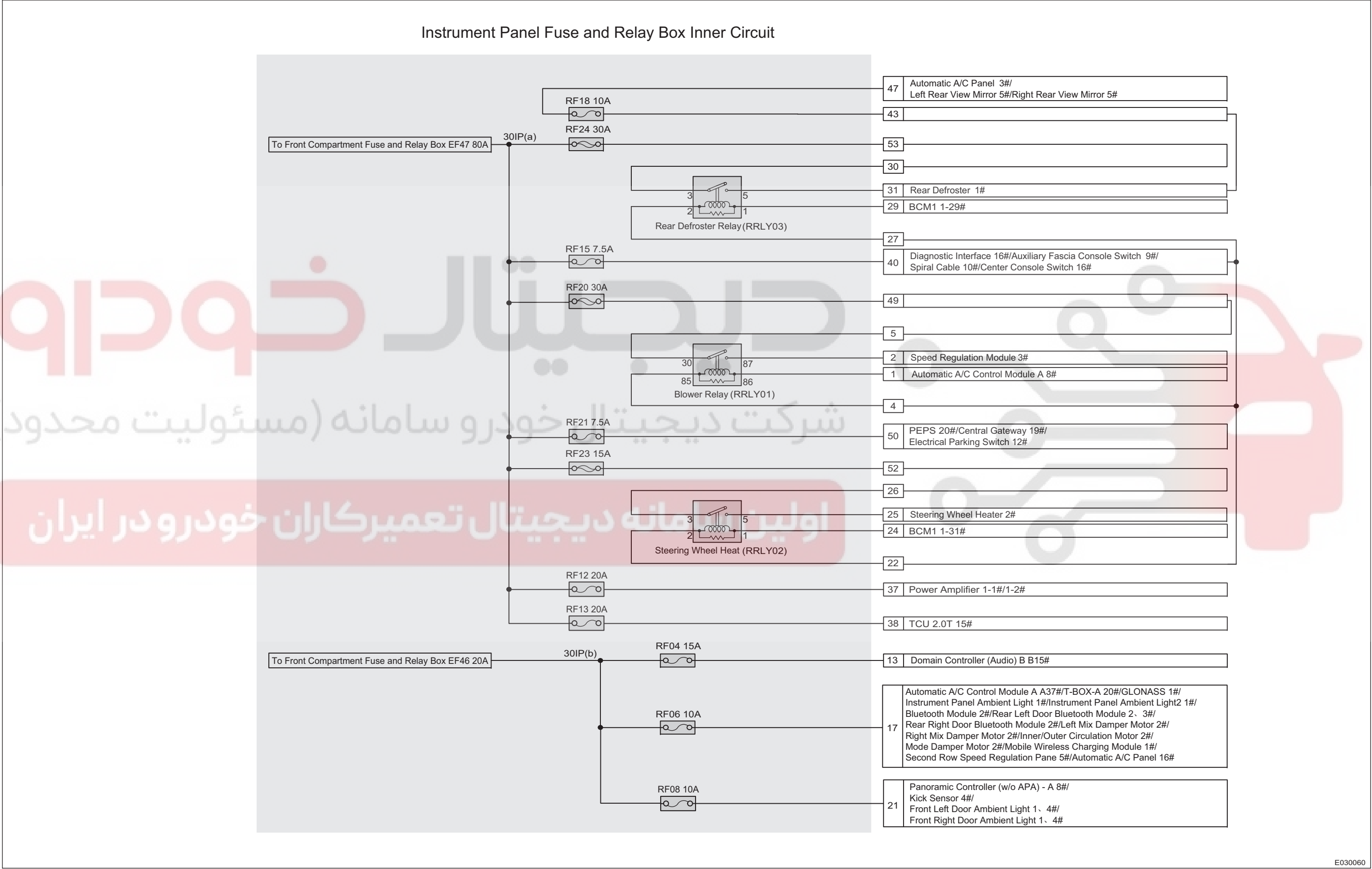
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

CHAPTER 3. SCHEMATIC DIAGRAM

1.5. IP Fuse Function Description

No.	Fuse Name	Fuse Load (A)	Function
1	RF01	10A	BCM/PEPS/Central Gateway/Headlight Controller/GLONASS/Domain Controller (Audio) B
2	RF02	10A	-
3	RF03	10A	Electronic Power Steering/Angle Sensor
4	RF04	15A	Audio
5	RF05	10A	Airbag
6	RF06	10A	A/C Control Panel/2nd Row A/C Panel/T-BOX/Automatic A/C/Wireless Charging/GLONASS/IP Ambient Light/Bluetooth
7	RF07	10A	A/C Control Panel/2nd Row A/C Panel/T-BOX/HDC Switch/Automatic A/C/Negative Ion Generator
8	RF08	10A	Kick Sensor/Panoramic Controller/Ambient Light
9	RF09	10A	-
10	RF10	10A	-
11	RF11	-	-
12	RF12	25A	Power Amplifier
13	RF13	20A	Transmission 7DCT 2.0T
14	RF14	10A	-
15	RF15	7.5A	Diagnostic Interface/Auxiliary Fascia Console Switch/Spiral Cable/Center Console Switch
16	RF16	-	-
17	RF17	-	-
18	RF18	10A	Rear View Mirror Heating
19	RF19	-	-
20	RF20	30A	Blower
21	RF21	7.5A	PEPS/Central Gateway/EPB Switch
22	RF22	20A	-
23	RF23	15A	Steering Wheel Heater
24	RF24	30A	Rear Defroster
25	RF25	15A	-
26	RF26	10A	Audio/Rear View Mirror Adjustment/Mobile Wireless Charging
27	RF27	15A	Backup Power Supply
28	RF28	10A	USB Charging/Driving Recorder

1.6. IP Fuse and Relay Box Internal Diagram



CHAPTER 3. SCHEMATIC DIAGRAM

1.6. IP Fuse and Relay Box Internal Diagram (continued)

