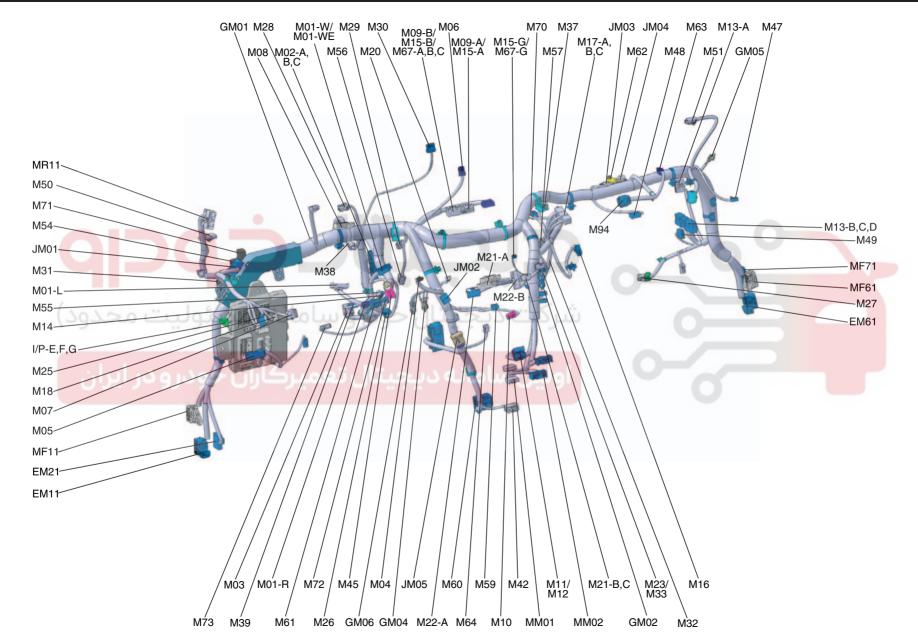
# HARNESS LAYOUTS

حیتال خودرو سامانه (مسئولیت محدود) بانه دیجیتال تعمیرکاران خودرو در ایران

Main Harness	HL-1
Front Harness.	HL-3
Control Harness	HL-5
Floor Harness	HL-11
Door Harness	HL-13
Seat Harness	HL-16
Battery Harness	HL-18
Front End Module Harness	HL-20
Roof Harness	HL-21
Bumper Harness	HL-22



Main Harness (1) HL-1



Main Harness (2) HL-2

#### **MAIN HARNESS**

M02-C BCM M03 Ignition Switch (W/O Smart Key) M04 Start Stop Button Switch (With Smart Key) M05 Data Link Connector M06 Center Speaker M07 Crash Pad Switch M08 Instrument Cluster M09-A Audio M09-B Audio M19-A Audio M19-B Smart Key Control Module (With Smart Key) M19-B Smart Rey M19-B Smart Key Control Module (With Smart Key) M19-B Smart Parking Assist Control Module M19-B Smart Parking Assist M19-B Smart M19-B Smart M19-B Smart M19-B Smart M19-B Smart M19-B Smart M19-B	M01-L M01-LR M01-R M01-W M01-WE M01-WR M02-A M02-B	Multifunction Switch (Europe & RHD / LHD) Multifunction Switch (Except Europe & RHD) Multifunction Switch (Remote Control) Multifunction Switch (Except Europe & LHD) Multifunction Switch (Europe) Multifunction Switch (Except Europe & RHD) BCM BCM	M33 M37 M38 M39 M41 M42 M45	FET (Field Effect Transistor) (Auto A/C) Intake Actuator Immobilizer Module Key Solenoid (W/O Smart Key) Tire Pressure Monitoring Module Yaw Rate Sensor Ignition Key III. & Door Warning Switch (W/O Smart Key)
M04 Start Stop Button Switch (With Smart Key) M05 Data Link Connector M06 Center Speaker M07 Crash Pad Switch M08 Instrument Cluster M09-A M09-B M09-B M09-A Audio M09-B M10 Crash Pad Mood Lamp M11 AUX & USB Jack (Audio) M12 AUX & USB Jack (Navigation) M12 AUX & USB Jack (Navigation) M13-B M13-B M13-B M13-C Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-B M14-C M15-B M15-				
M05 Data Link Connector M06 Center Speaker M07 Crash Pad Switch M08 Instrument Cluster M09-A Audio M09-B Audio M10 Crash Pad Mood Lamp M10 Crash Pad Mood Lamp M11 AUX & USB Jack (Audio) M12 AUX & USB Jack (Audio) M13-A Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M15-A AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M16-B AV & Navigation Head Unit (Except Europe) M17-B Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M18-B AV Control Module (Auto A/C) M2-B AV Control Module (Manual A/C) M2-B Blower Resistor (Manual A/C) M2-B Rear Parking Assist Buzzer M2-M M05-M M				
M06				
M07 Crash Pad Switch M08 Instrument Cluster M09-A Audio M09-B M09-B M10 Crash Pad Mood Lamp M11 AUX & USB Jack (Audio) M12 AUX & USB Jack (Navigation) M13-A Smart Key Control Module (With Smart Key) M13-B M13-B M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-B M15-B M15-B M15-B M15-B M16-F M16-F M17-A Smart Raying Assist Control Module M17-C Smart Raying Assist Control Module M17-C Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18-B M19-PTC Heater M20-R M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Manual A/C) M25-B M26-B M27-B M27-B M28-B M29-Mode Actuator M29-Mode Actuator M29-Mode Actuator M30-Main Mish Front Harness M30-Main Mish Front Harness M31-B M30-A Lui Glarm Relay (W/O Smart Key) M31-B M32-A M32-B M33-B M33-B M34-B M35-B M36-B M36-B M37-B				
M08				
M09-B Audio M09-B Audio M09-B Audio M10 Crash Pad Mood Lamp M11 AUX & USB Jack (Audio) M12 AUX & USB Jack (Navigation) M13-A Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-A AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M16-B AV & Navigation Head Unit (Except Europe) M17-A Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M25-B Head Lamp Leveling Device Switch M26 M27 Blower Resistor (Manual A/C) M28 M29 M29 M29 M29 M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) Explain Assist Control Harness M31 Burglar Alarm Relay (W/O Smart Key) Explain Angle Sansor (W/O MDPS) Driver Temperature Actuator M55 Steering Angle Sensor (W/O MDPS) Driver Temperature Actuator M55 Driver Temperature Actuator M55 Driver Temperature Actuator M55 Drawl Steering Angle Sensor (W/O Module Drays Temperature Actuator M59 Telltale Lamp (Europe) ASS SRS Control Module M64 SRS Control Module (Mith Smart Key) M62 SRS Control Module (Mith Smart Key) M64 SRS Control Module (Mith Smart Key) M65 N69 R86 Rear Fag Lamp Relay M60 SRS Control Module M64 SRS Control Module M64 SRS Control Module M65 R87 Rear Fag Lamp Relay M64 SRS Control Module M65 R87 Rear Fag Lamp Relay M64 SRS Control Module R87 RF Receiver Smart Key Antenna (Interior #1) M63 Sat Bering Angle Sensor (W/O Mart Nev) M64 N65 SRS Control Module R87 RF Receiver Smart Key Antenna (Interior #1) M65 Sat Bering Angle Sensor (W/O Mart Key) M67 M67 M67 M67 M67 AV & Navigation Head Unit (Europe) AV & Navigation Head Unit (Europe) AV & Navigation Head Unit (Europe) AV & Navigation Hea				
M09-B M10 Crash Pad Mood Lamp M56 Driver Temperature Actuator M11 AUX & USB Jack (Audio) M57 Passenger Temperature Actuator M60 Passenger Temperature Actuator Passenger Temperature Actuator M60 Passenger Temperature Actuator Passenger Temperature Actuator M60 Passenger Actuator M61 Passenger Actuator M62 Passenger Temperature Actuator M62 Passenger Temperature Actuator M62 Passenger Temperature Actuator M62 Passenger Temperature Actuator M62 Passenger Actuator M62 Passenger Actuator M62 Passenger Actuator M64 Passenger Actuator M65 Passenger Actuator M66 Passenger Actuator M67 Passenger Actuator M67 Passenger Actuator M67 Passenger Actuator M67 Passenger Actuator M68 Passenger Actuator M68 Passenger Actuator Passenger A				
M10 Crash Pad Mood Lamp M11 AUX & USB Jack (Audio) M12 AUX & USB Jack (Navigation) M13-A Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-A AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M16-B AV & Navigation Head Unit (Except Europe) M17-B Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M25-B M26 MDPS Unit M26 MDPS Unit M27 Blower Motor M27 Blower Motor M28 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M31 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M56 Driver Temperature Actuator M57 Passenger Temperature Actuator Passenger Temperature Actuator M69 Passenger Temperature Actuator Passenger Air Bag Passen				
M11 AUX & USB Jack (Aucio) M12 AUX & USB Jack (Navigation) M13-A Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-B AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M16-C AV & Navigation Head Unit (Except Europe) M17-A Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20-Incar Sensor M21-B A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M23 Blower Resistor (Manual A/C) M24 Blower Motor M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) EM5-  M31 Barsenger Tamperature Actuator M60 SRS Control Module SRS Control Module M60 SRS Control Module M60 SRS Control Module M62 Passenger Tarpead Driver Air Bag M62 Passenger Air Bag N62 Passenger Air Bag N63 M62 N64 N64 N64 N65 Smart Rey Arie Bag N65 N66 Smart Key Ontrol M64 N66 Seat Belt Reminder Indicator (Australia) A/V & Navigation Head Unit (Europe) N66 Smart Key Arie Bag N67-A A/V & Navigation Head Unit (Europe) N69-A/V & Navigat				
M12 AUX & USB Jack (Navigation) M13-A Smart Key Control Module (With Smart Key) M13-B Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M14 Smart Key Control Module (With Smart Key) M15-C Smart Key Control Module (With Smart Key) M15-B AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M16 FOB Holder (With Smart Key) M17-A Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-B A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Rear Parking Assist Buzzer M29 Mode Actuator M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) Electronic Steeping Control With Smart Key) M61 Smart Parking Assist Buzzer M31 Burglar Alarm Relay (W/O Smart Key) M59 Teltale Lamp (Europe) M62 SRS Control Module Driver Air Bag R8 Receiver M62 Seasenger Air Bag RF Receiver M62 Seat Belt Reminder Indicator (Australia) A/V & Navigation Head Unit (Europe) M63 A/V & Navigation Head Unit (Europe) M64 A/V & Navigation Head Unit (Europe) M67-B A/V & Navigation Head Unit (Europe) M67-G A/V &				Passanger Temperature Actuator
M13-A Smart Key Control Module (With Smart Key) M3-9 M13-B Smart Key Control Module (With Smart Key) M60 M13-C Smart Key Control Module (With Smart Key) M61 M13-D Smart Key Control Module (With Smart Key) M62 M14 Electronic Steering Column Lock (With Smart Key) M63 M15-A AV & Navigation Head Unit (Except Europe) M64 M15-B AV & Navigation Head Unit (Except Europe) M65 M15-G AV & Navigation Head Unit (Except Europe) M66 M15-G AV & Navigation Head Unit (Except Europe) M67-A AV & Navigation Head Unit (Except Europe) M67-B AV & Navigation Head Unit (Except Europe) M67-B AV & Navigation Head Unit (Europe) M69 M17-A Smart Parking Assist Control Module M67-C AV & Navigation Head Unit (Europe) M69 M17-C Smart Parking Assist Control Module M69-B Head Lamp Leveling Device Switch (Manual HLLD) (HD) (M18) M70 M19 PTC Heater M70 Auto Defogger) M71 Lamp Auto Cut Relay Steering Wheel Heater M72 M21-A A/C Control Module (Auto A/C) (W/O Auto Defogger) M73 Steering Wheel Heater M72 M21-B A/C Control Module (Auto A/C) (With Auto Defogger) M94 M22-A A/C Control Module (Manual A/C) JM02 M23 Blower Resistor (Manual A/C) JM02 M23 Blower Resistor (Manual A/C) JM03 Joint Connector M64 M25 Head Lamp Leveling Device Switch JM04 M26 MDPS Unit P-E I/P Junction Box M27 M27 Blower Motor I/P-F I/P-G I/P Junction Box M29 M04 Actuator EM11 M30 Auto Light & Photo Sensor EM21 M30 Auto Light & Photo Sensor EM21 M30 Auto Light & Photo Sensor EM21 M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness M31		ALIX & LISB lack (Navigation)		
M13-B Smart Key Control Module (With Smart Key) M13-C Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-A AV & Navigation Head Unit (Except Europe) M15-B AV & Navigation Head Unit (Except Europe) M15-G AV & Navigation Head Unit (Except Europe) M16-FOB Holder (With Smart Key) M17-A Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18-B Rheostat M19-PTC Heater M20-Incar Sensor M21-B A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) M22-B A/C Control Module (Auto A/C) M23-B Blower Resistor (Manual A/C) M25-B A/C Control Module (Manual A/C) M26-B MDPS Unit M27-B MODE Average Aver		Smart Key Control Module (With Smart Key)		
M13-C Smart Key Control Module (With Smart Key) M13-D Smart Key Control Module (With Smart Key) M14 Electronic Steering Column Lock (With Smart Key) M15-A AV & Navigation Head Unit (Except Europe) M164 Smart Key Antenna (Interior #1) M15-B AV & Navigation Head Unit (Except Europe) M165 AV & Navigation Head Unit (Except Europe) M166 Seat Belt Reminder Indicator (Australia) M15-G AV & Navigation Head Unit (Except Europe) M167-A AV & Navigation Head Unit (Europe) M168 AV & Navigation Head Unit (Europe) M17-A Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) M22-A A/C Control Module (Auto A/C) (W/O Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M61 Smart Key Antenna (Interior #1) M62 MS Smart Key Antenna (Interior #1) M63 M64 Seat Belt Reminder Indicator (Australia) M67 AVV & Navigation Head Unit (Europe) M67-B A/V & Navigation Head Unit (Europe) M67-C AV & Navigation Head Unit (Europe) M67-C AV & Navigation Head Unit (Europe) M67-C AV & Navigation Head Unit (Europe) M69 Head Lamp Leveling Device Switch (M69 Head Lamp Leveling Device Switch M70 Auto Defogger Actuator M29 Mode Actuator M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M61 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key)		Smart Key Control Module (With Smart Key)		
M13-D Smart Key Control Module (With Smart Key) M62 Passenger Air Bag M14 Electronic Steering Column Lock (With Smart Key) M63 RF Receiver M64 A/V & Navigation Head Unit (Except Europe) M64 Smart Key Antenna (Interior #1) M15-B A/V & Navigation Head Unit (Except Europe) M65 Seat Belt Reminder Indicator (Australia) A/V & Navigation Head Unit (Except Europe) M66 A/V & Navigation Head Unit (Europe) M67-B A/V & Navigation Head Unit (Europe) M67-C A/V & Navigation Head Unit (Europe) M69 Head Lamp Leveling Device Switch (Manual HLLD) (RHD) M69 Head Lamp Leveling Device Switch M67-D A/V & Navigation Head Unit (Europe) M69 Head Lamp Leveling Device Switch M69		Smart Key Control Module (With Smart Key)		
M15-A A/V & Navigation Head Unit (Except Europe) M64 Smart Key Antenna (Interior #1) M15-B A/V & Navigation Head Unit (Except Europe) M66 M15-G A/V & Navigation Head Unit (Except Europe) M67-A A/V & Navigation Head Unit (Europe) M16 FOB Holder (With Smart Key) M67-B A/V & Navigation Head Unit (Europe) M17-A Smart Parking Assist Control Module M67-C A/V & Navigation Head Unit (Europe) M17-B Smart Parking Assist Control Module M67-G A/V & Navigation Head Unit (Europe) M17-C Smart Parking Assist Control Module M69 Head Lamp Leveling Device Switch (Manual HLLD) (RHD) M19 PTC Heater M70 Auto Defogger Attuator M20 Incar Sensor M71 Lamp Auto Cut Relay M72 Steering Wheel Heater Ste		Smart Key Control Module (With Smart Key)		Passenger Air Bag
M15-A A/V & Navigation Head Unit (Except Europe) M64 Smart Key Antenna (Interior #1) M15-B A/V & Navigation Head Unit (Except Europe) M66 Seat Belt Reminder Indicator (Australia) M15-G A/V & Navigation Head Unit (Except Europe) M67-A A/V & Navigation Head Unit (Europe) M16-B Holder (With Smart Key) M67-B A/V & Navigation Head Unit (Europe) M17-A Smart Parking Assist Control Module M67-G A/V & Navigation Head Unit (Europe) M17-B Smart Parking Assist Control Module M67-G A/V & Navigation Head Unit (Europe) M17-C Smart Parking Assist Control Module M69-G A/V & Navigation Head Unit (Europe) M18-B Rheostat M70 Auto Defogger A/V & Navigation Head Unit (Europe) M19 PTC Heater M70 Auto Defogger Actuator M20 Incar Sensor M71 Lamp Auto Cut Relay M21-A A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M22-A A/C Control Module (Auto A/C) (With Auto Defogger) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M27 Blower Motor M28 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M31 Burglar Alarm Relay (W/O Smart Key)  M67-A A/V & Navigation Head Unit (Europe) M67-B A/V & Navigation Head Unit (Europe) A/V & Navigation Head Unit (Europe) A/V & Navigation Head		Electronic Steering Column Lock (With Smart Kev)		
M15-B A/V & Navigation Head Unit (Except Europe) M66 A/V & Navigation Head Unit (Europe) M67-B Smart Parking Assist Control Module M67-C A/V & Navigation Head Unit (Europe) M67-B Smart Parking Assist Control Module M67-G A/V & Navigation Head Unit (Europe) M67-B Smart Parking Assist Control Module M67-G A/V & Navigation Head Unit (Europe) M67-B A/V & Navigation He		A/V & Navigation Head Unit (Except Europe)		
M15-G M16 FOB Holder (With Smart Key) M17-A Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-A A/C Control Module (Auto A/C) (With Auto Defogger) M21-B A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch M26 M27 Blower Motor M27 Blower Motor M28 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M67-A A/V & Navigation Head Unit (Europe) M67-C A/V & Navigation Head Unit (Europe) M67-B A/V & Navigation Head Unit (Europe) M69 Head Lamp Leveling Device Switch M70 Auto Defogger Actuator M94 Step Lamp Relay M94 Step Lamp Relay M94 Step Lamp Relay M94 Stop Lamp Relay M94 Joint Connector M90 Joint Connector M91 Junction Box M91 Junction Box M92 Mode Actuator M93 Auto Light & Photo Sensor M94 Connection With Front Harness M95 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness			M66	
M16 FOB Holder (With Smart Key) M17-A Smart Parking Assist Control Module M17-B Smart Parking Assist Control Module M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-B A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Auto A/C) (With Auto Defogger) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch M27 M27 Joint Connector M28 M29 M29 Unit M29	M15-G		M67-A	
M17-A Smart Parking Assist Control Module Smart Parking Assist Control Module M67-G M67-G M74 & Navigation Head Unit (Europe) M17-C Smart Parking Assist Control Module M69 Head Lamp Leveling Device Switch (Manual HLLD) (RHD) M18 Rheostat (Manual HLLD) (RHD) M19 PTC Heater M70 Auto Defogger Actuator Lamp Auto Cut Relay M21-A A/C Control Module (Auto A/C) M71 Lamp Auto Cut Relay M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M73 Steering Wheel Heater Switch M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M94 Stop Lamp Relay M22-A A/C Control Module (Manual A/C) JM01 Joint Connector M23 Blower Resistor (Manual A/C) JM02 Joint Connector (Manual HLLD) (LHD) JM05 Joint Connector (Manual HLLD) (LHD) JM05 Joint Connector Joint Connector M26 MDPS Unit I/P-E I/P Junction Box M27 Blower Motor I/P-F I/P Junction Box M28 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness	M16		M67-B	
M17-C Smart Parking Assist Control Module M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M70 Auto Defogger M71 Lamp Auto Cut Relay M72 Steering Wheel Heater M72 Steering Wheel Heater M73 Steering Wheel Heater Switch M74 Stop Lamp Relay M75 Stop Lamp Relay M76 Stop Lamp Relay M77 Stop Lamp Relay M78 Stop Lamp Relay M79 Joint Connector M90 Auto Light & Photo Sensor M90 Sensor M90 Connection With Front Harness M91 Burglar Alarm Relay (W/O Smart Key)  M90 Auto Light & Photo Sensor M90 Connection With Front Harness	M17-A		M67-C	
M18 Rheostat M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M70 M71 Lamp Auto Cut Relay M71 Auto Defogger M73 Steering Wheel Heater M72 Steering Wheel Heater M74 Stop Lamp Relay M75 Stop Lamp Relay M75 Stop Lamp Relay M76 Stop Lamp Relay M77 Joint Connector M94 Stop Lamp Cut Relay M78 Stop Lamp Relay M79 Joint Connector M94 Joint Connector M95 Joint Connector M96 Joint Connector M97 Joint Connector M97 Joint Connector M97 Joint Connector M98 Rear Parking Assist Buzzer M99 Mode Actuator M90 Auto Light & Photo Sensor M90 EM21 Connection With Front Harness M90 Auto Light & Photo Sensor M91 Burglar Alarm Relay (W/O Smart Key) M94 Stering M12 Lamp Auto Cut Relay M97 Auto Light & Photo Sensor M97 Eleving M94 Stering Wheel Heater M97 Auto Light & Photo Sensor M98 Em21 Connection With Front Harness M99 M94 Stop Lamp Auto Cut Relay M90 Auto Light & Photo Sensor EM21 Connection With Front Harness	M17-B	Smart Parking Assist Control Module	M67-G	
M19 PTC Heater M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M72 M25 Lamp Auto Cut Relay M73 Steering Wheel Heater M74 Stop Lamp Relay M75 Steering Wheel Heater M75 Steering Wheel Heater M76 Steering Wheel Heater M77 Steering Wheel Heater M78 Steering Wheel Heater M79 M94 Stop Lamp Relay M94 Stop Lamp Auto Cut Relay M92 M94 Steering Wheel Heater M90 Auto Light & Photo Sensor EM21 Connection With Front Harness M30 Connection With Front Harness		Smart Parking Assist Control Module	M69	
M20 Incar Sensor M21-A A/C Control Module (Auto A/C) M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M72 Steering Wheel Heater M74 Stop Lamp Relay M75 Steering Wheel Heater M75 Steering Wheel Heater M76 Steering Wheel Heater M77 Steering Wheel Heater M78 Stop Lamp Relay M94 Stop Lamp				
M21-A A/C Control Module (Auto A/C) (W/O Auto Defogger) M73 Steering Wheel Heater Switch M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M94 Stop Lamp Relay Joint Connector Joint Connector Joint Connector M22-B A/C Control Module (Manual A/C) JM02 Joint Connector M23 Blower Resistor (Manual A/C) JM03 Joint Connector Head Lamp Leveling Device Switch (Manual HLLD) (LHD) JM05 Joint Connector (Manual HLLD) (LHD) JM05 Joint Connector M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
M21-B A/C Control Module (Auto A/C) (W/O Auto Defogger) M73 Steering Wheel Heater Switch M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M94 Stop Lamp Relay Joint Connector Joint Connector Joint Connector Joint Connector Joint Connector M23 Blower Resistor (Manual A/C) JM03 Joint Connector Head Lamp Leveling Device Switch (Manual HLLD) (LHD) JM05 Joint Connector (Manual HLLD) (LHD) JM05 Joint Connector M26 MDPS Unit I/P-E I/P Junction Box M27 Blower Motor I/P-F I/P-G I/P Junction Box M28 Rear Parking Assist Buzzer I/P-G M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
M21-C A/C Control Module (Auto A/C) (With Auto Defogger) M94 M22-A A/C Control Module (Manual A/C) JM01 M22-B A/C Control Module (Manual A/C) JM02 M23 Blower Resistor (Manual A/C) JM03 M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) JM05 M26 MDPS Unit I/P-E I/P Junction Box M27 Blower Motor I/P-F I/P-G I/P Junction Box M28 Rear Parking Assist Buzzer I/P-G I/P Junction Box M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness		A/C Control Module (Auto A/C)		
M22-A A/C Control Module (Manual A/C) M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M20 Joint Connector JM03 Joint Connector JM04 Joint Connector JM05 Joint Connector JM05 Joint Connector JM07 Junction Box I/P-E I/P Junction Box I/P-F I/P Junction Box I/P-G I/P Junction Box Connection With Front Harness M31 Connection With Front Harness		A/C Control Module (Auto A/C) (W/O Auto Defogger)	M/3	
M22-B A/C Control Module (Manual A/C) M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) JM03 Joint Connector JM04 Joint Connector JM05 Joint Connector JM05 Joint Connector JM07 Joint Connector JM08 Joint Connector JM09				
M23 Blower Resistor (Manual A/C) M25 Head Lamp Leveling Device Switch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M25 Joint Connector JM05 Joint Connector JM05 Joint Connector JM05 Joint Connector JM05 Joint Connector JM07 Joint Connector JM08 Joint Connector JM09 Joint Connector JM04 Joint Connector JM09 Joint Connector J				
M25 Head Lamp Leveling Device Świtch (Manual HLLD) (LHD) M26 MDPS Unit M27 Blower Motor M28 Rear Parking Assist Buzzer M29 Mode Actuator M30 Auto Light & Photo Sensor M31 Burglar Alarm Relay (W/O Smart Key) M30 Joint Connector JM04 Joint Connector JM05 Joint Connector I/P-E I/P Junction Box I/P-G I/P Junction Box Connection With Front Harness EM21 Connection With Front Harness Connection With Front Harness				
(Manual HLLD) (LHĎ)  M26 MDPS Unit I/P-E I/P Junction Box M27 Blower Motor I/P-F I/P Junction Box M28 Rear Parking Assist Buzzer I/P-G I/P Junction Box M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
M26 MDPS Unit // I/P-E I/P Junction Box M27 Blower Motor I/P-F I/P Junction Box M28 Rear Parking Assist Buzzer I/P-G I/P Junction Box M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness	IVIZO			
M27 Blower Motor I/P-F I/P Junction Box M28 Rear Parking Assist Buzzer I/P-G I/P Junction Box M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness	M26			
M28 Rear Parking Assist Buzzer I/P-G I/P Junction Box M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness	-			
M29 Mode Actuator EM11 Connection With Front Harness M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
M30 Auto Light & Photo Sensor EM21 Connection With Front Harness M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
M31 Burglar Alarm Relay (W/O Smart Key) EM61 Connection With Front Harness				
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#### GM05 Ground GM06 Ground

Connection With Floor Harness

Connection With Floor Harness

Connection With Roof Harness

Connection With Console EXT. Harness

Connection With Console EXT. Harness

#### **CONSOLE-1 EXT. HARNESS**

Ground

Ground

Ground

Ground

MF61

MF71

MM01 MM02

MR11

**GM01** GM02

**GM03** 

GM04

M81	Cigarette Lighter
M82	Cigarette Lighter ILL.
M83	Front Power Outlet
MM01	Connection With Main Harness

#### **CONSOLE-2 EXT. HARNESS**

IVI84	A LIVI Lever Indicator
M85	Front Seat Warmer & CCS Switch (A/T
M86	Front Seat Warmer & CCS Switch
	(LHD & M/T)
M87	Front Seat Warmer & CCS Switch

#### (RHD & M/T) Console Switch M95

Connection With Main Harness MM02

#### A/V & NAVIGATION USB HARNESS

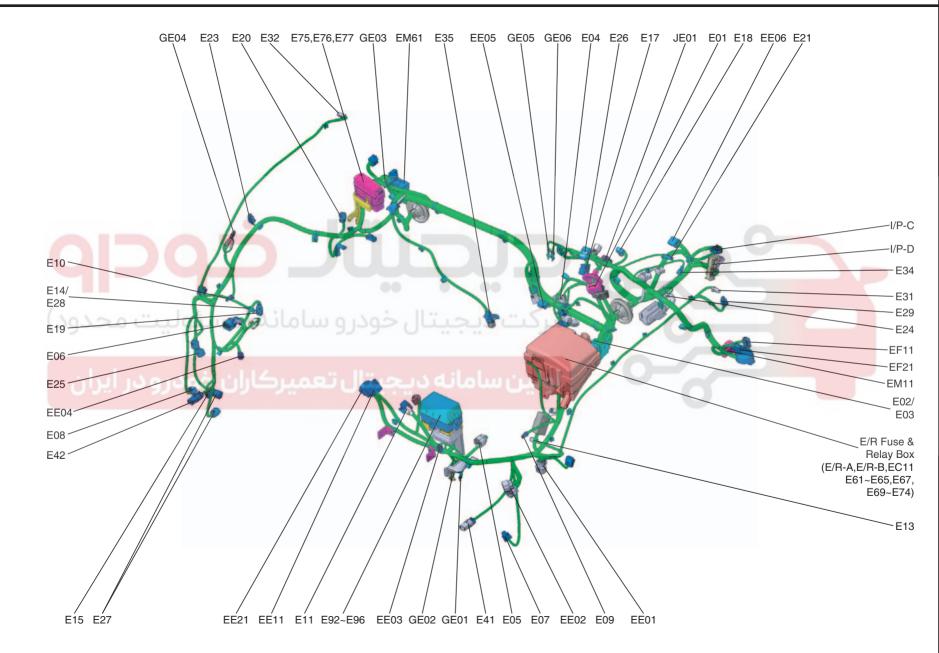
M12-USB	AUX & USB Jack
M15-USB	A/V & Navigation Head Unit

(Except Europe)

A/V & Navigation Head Unit (Europe)

# A/V & NAVIGATION KEYBOARD HARNESS

(Except Europe)
A/V & Navigation Head Unit (Europe)
A/V & Navigation Keyboard M67-KB M92



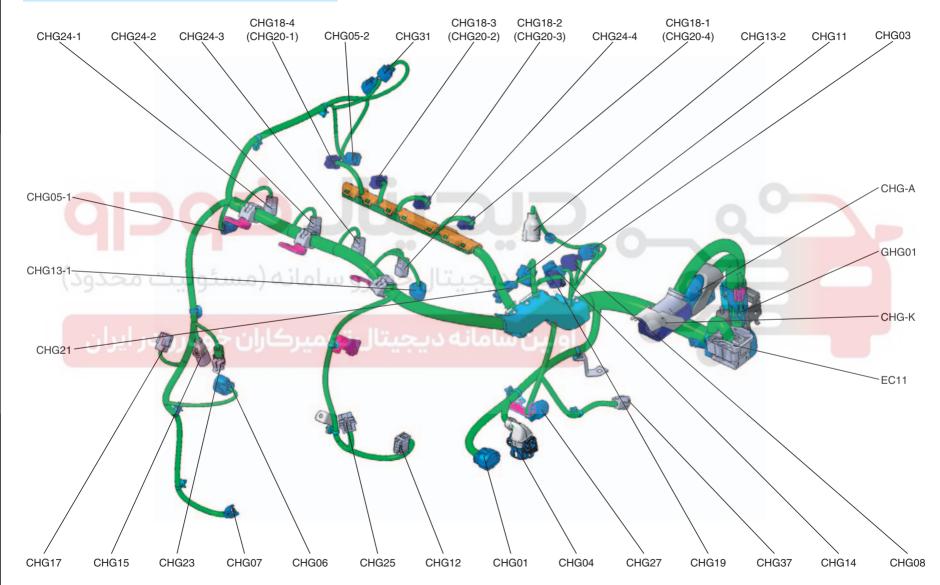
HL-4 Front Harness (2)

# **FRONT HARNESS**

E01 E02 E03 E04 E05	Multipurpose Check Connector ABS Control Module ESP Control Module Brake Fluid Level Sensor (LHD)	E67 E69 E70 E71 E72	RLY.7 (Deicer Relay) RLY.9 (ESS Relay) RLY.10 (HAC Relay) RLY.11 (Wiper Sensor Polay)	GE05 GE06	Ground Ground
E06 E07	Head Lamp LH Head Lamp RH Front Fog Lamp LH (W/O DRL)	E72 E73 E74	RLY.12 (Rain Sensor Relay) RLY.13 (B/Horn Relay) RLY.14 (Blower Relay)	DRIVE	R AIR BAG HARNESS
E08 E09 E10 E11 E13	Front Fog Lamp RH (W/O DRL) Head Lamp Leveling Device Actuator LH Head Lamp Leveling Device Actuator RH Cooling Fan Motor Front Wheel Sensor LH	E75 E76 E77 E78 E79	RLY.1 (PDM1 (ACC) Relay) RLY.2 (PDM2 (IG1) Relay) RLY.3 (PDM3 (IG2) Relay) Front Initiator LH Front Initiator RH	E50 EE03	Driver Front Impact Sensor Connection With Front Harness
E13 E14 E15	Front Wheel Sensor LH Front Wheel Sensor RH Head Lamp Washer Motor	E79 E92 E93	Glow Plug Relay PTC Heater Relay #1	PASSE	ENGER AIR BAG HARNESS
E16 E17 E18	ISG Low DC-DC Converter (Audio) Accel Pedal Position Sensor Stop Lamp Switch	E94 E95 E96	PTC Heater Relay #2 PTC Heater Relay #3 Fuel Filter Relay	E51 EE04	Passenger Front Impact Sensor Connection With Front Harness
E19 E20 E21	A/C Pressure Transducer Burglar Alarm Horn Clutch Switch (M/T)	EUD-T JE01 JE02	TCM (D4FD) Joint Connector Joint Connector		E FLUID LEVEL SENSOR EXT.
E22 E23 E24	Front Wiper Deicer Hood Switch	JE03 I/P-C I/P-D	Joint Connector I/P Junction Box I/P Junction Box		ESS (RHD)
E25 E26	Ignition Lock Switch (M/T) Washer Motor Front Wiper Motor	E/R-A E/R-B	EMS Box EMS Box	E37 EE05	Brake Fluid Level Sensor Connection With Front Harness
E27 E28	Washer Level Sensor Front Wheel Sensor RH (W/O ABS & ESP)	EC11 EE01	Connection With Control Harness Connection With FEM Harness		
E29 E31	External Buzzer (With Smart Key) Side Repeater Lamp LH	EE02 EE03	Connection With Front Bumper Harness Connection With Driver Air Bag Harness	MDPS	EXT. HARNESS
E32 E33 E34	Side Repeater Lamp RH Battery Sensor (With AMS) Foot Parking Brake Switch	EE04 EE05	Connection With Passenger Air Bag Harness Connection With Brake Fluid Level Sensor Harness (RHD)	E12 EE06	MDPS Unit Connection With Front Harness
E35 E36 E38 E41	Oxygen Sensor (Down) Brake Booster Vacuum Pressure Sensor Boost Pressure Sensor DRL Lamp LH	EE06 EE11 EE21 EF11	Connection With MDPS EXT. Harness Connection With Battery Harness Connection With Battery Harness Connection With Floor Harness		
E42 E43 E44	DRL Lamp RH Fuel Filter Heater Fuel Filter Warning Sensor	EF21 EF61 EM11	Connection With Floor Harness Connection With Floor Harness Connection With Floor Harness Connection With Main Harness		
E45 E61 E62	Glow Plug RLY.1 (RR HTD Relay) RLY.2 (Head Lamp Washer Relay)	EM21 EM61 GE01	Connection With Main Harness Connection With Main Harness Ground		
E63 E64 E65	RLY.3 (C/FAN (HI) Relay) RLY.4 (C/FAN (LO) Relay) RLY.5 (Start Relay)	GE02 GE03 GE04	Ground Ground Ground		

Control Harness (1)





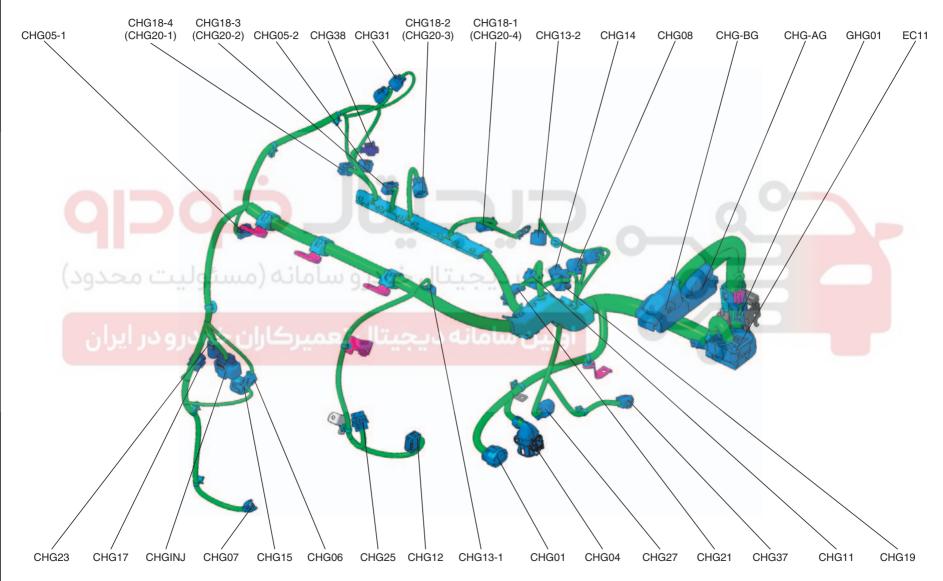
( ): W/O IMMO. & Smart Key

Control Harness (2)

# CONTROL HARNESS (G4KD/G4KE)

CHG01 CHG03 CHG04 CHG05-1 CHG05-2 CHG06 CHG07 CHG08 CHG11 CHG12 CHG13-1 CHG13-2 CHG14 CHG15 CHG18-3 CHG18-3 CHG18-4 CHG19 CHG20-1 CHG20-2 CHG20-3 CHG20-4 CHG21 CHG23 CHG24-1 CHG24-2 CHG24-2 CHG24-3 CHG24-2 CHG24-3 CHG24-1 CHG25 CHG27 CHG31 CHG37 CHG37 CHG-A CHG-A CHG-A CHG-K EC11 GHG01	Transaxle Range Switch Oxygen Sensor (Up) (W/O Euro V) ATM Solenoid Oil Control Valve #1 Oil Control Valve #2 Alternator Electronic A/C Compressor Oxygen Sensor (Up) (With Euro V) Engine Coolant Temperature Sensor ETC Motor & Throttle Position Sensor ETC Motor & Throttle Position Sensor Camshaft Position Sensor #1 Camshaft Position Sensor #2 Crankshaft Position Sensor Oil Pressure Switch Variable Intake Solenoid Valve Ignition Coil #1 (With SMK) Ignition Coil #2 (With SMK) Ignition Coil #3 (With SMK) Ignition Coil #4 (With SMK) Ignition Coil #4 (Widh SMK) Ignition Coil #3 (W/O SMK) Ignition Coil #4 (W/O SMK) Ignition Coil #4 (W/O SMK) Ignition Coil #4 (W/O SMK) Ignition Coil #3 (W/O SMK) Ignition Coil #4 (W/O SMK) Ignition Coil #3 (W/O SMK) Ignition Coil #3 (W/O SMK) Ignition Coil #4 (W/O SMK) Purge Control Solenoid Valve Knock Sensor Injector #2 Injector #2 Injector #3 Injector #4 MAP Sensor Vehicle Speed Sensor (M/T) Power Steering Pressure Sensor Back-Up Lamp Switch (M/T) PCM Connection With Front Harness Ground
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HL-8 **Control Harness (4)** 

# **CONTROL HARNESS (G4KJ)**

CHG01 CHG04 CHG05-1 CHG05-2 CHG06 CHG07 CHG08 CHG11 CHG13-1 CHG13-2 CHG14 CHG15 CHG17 CHG18-1 CHG18-2 CHG18-3 CHG18-3	Transaxle Range Switch ATM Solenoid Oil Control Valve #1 Oil Control Valve #2 Alternator Electronic A/C Compressor Oxygen Sensor (Up) Engine Coolant Temperature Sensor ETC Motor & Throttle Position Sensor Camshaft Position Sensor #1 Camshaft Position Sensor #2 Crankshaft Position Sensor Oil Pressure Switch Variable Intake Solenoid Valve Ignition Coil #1 (With SMK) Ignition Coil #3 (With SMK) Ignition Coil #4 (With SMK)
CHG19 CHG20-1 CHG20-2 CHG20-3	Condenser Ignition Coil #1 (W/O SMK) Ignition Coil #2 (W/O SMK) Ignition Coil #3 (W/O SMK)
CHG20-4	Ignition Coil #4 (W/O SMK)
CHG21 CHG23	Purge Control Solenoid Valve Knock Sensor
CHG25 CHG27	MAP Sensor Vehicle Speed Sensor (M/T)
CHG31 CHG37 CHG38 CHG-AG CHG-BG CHGINJ	Power Steering Pressure Sensor Back-Up Lamp Switch (M/T) Fuel Pressure Regulator Valve PCM PCM Connection With Injector Harness
EC11 GHG01	Connection With Front Harness Ground

# **INJECTOR HARNESS (G4KJ)**

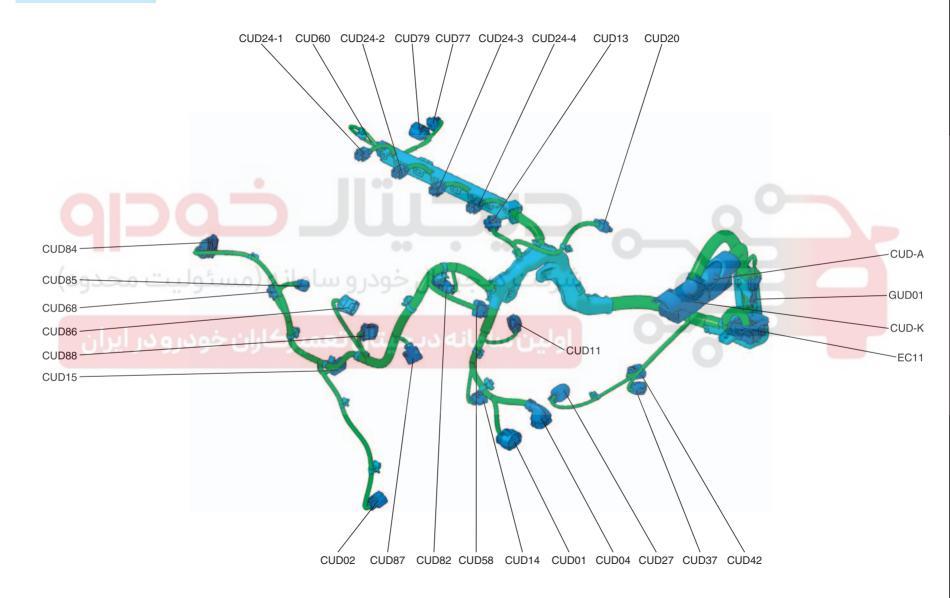
CHG26-1	Injector #1
CHG26-2	Injector #2
CHG26-3	Injector #3
CHG26-4	Injector #4
CHG40	Rail Pressu

Rail Pressure Sensor
Connection With Control Harness CHG40 CHGINJ



Control Harness (5)

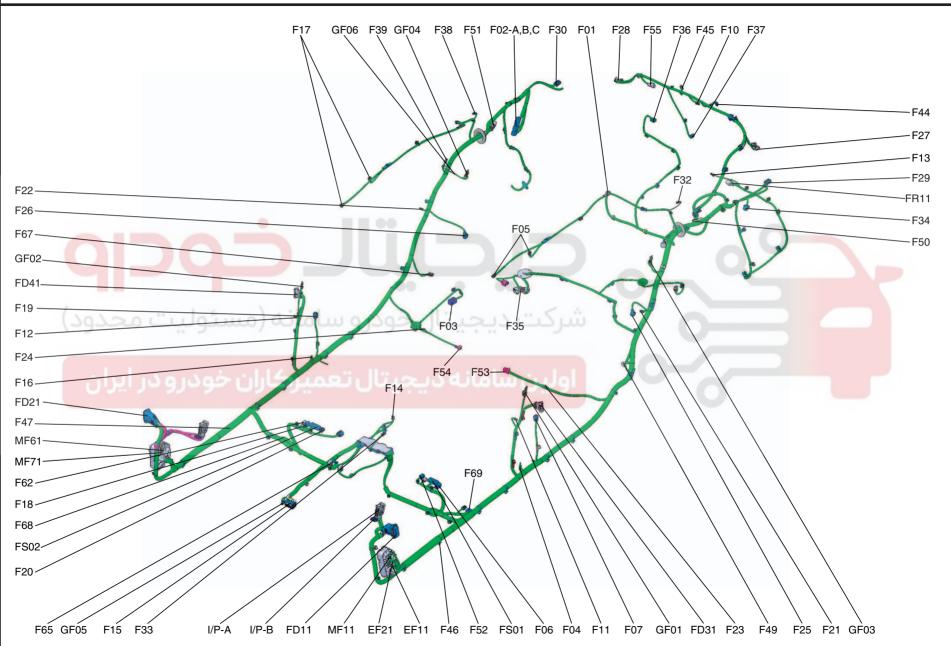
D4FD : U II 1.7L



Control Harness (6)

# **CONTROL HARNESS (D4FD)**

CUD01 CUD02 CUD04 CUD11 CUD13 CUD14 CUD15 CUD20 CUD24-1 CUD24-2 CUD24-3 CUD24-4 CUD27 CUD27 CUD37 CUD42 CUD68 CUD60 CUD68 CUD77 CUD79 CUD82 CUD84 CUD85 CUD85 CUD86 CUD85 CUD86 CUD87	Transaxle Range Switch Oil Level Sensor ATM Solenoid Engine Coolant Temperature Sensor Camshaft Position Sensor Crankshaft Position Sensor Oil Pressure Switch Air Flow Sensor Injector #1 Injector #2 Injector #3 Injector #4 Vehicle Speed Sensor (M/T) Back-Up Lamp Switch (M/T) Neutral Switch (M/T) Air Control Valve Differential Pressure Sensor Fuel Pressure Regulating Valve Exhaust Gas Temperature Sensor Lambda Sensor Rail Pressure Sensor Variable Swirl Control Actuator Fuel Temperature Sensor EGR Cooling Bypass Solenoid Valve EGR Actuator
CUD86	FGR Cooling Bypass Solenoid Valve
CUD-K EC11 GUD01	ECM Connection With Front Harness Ground



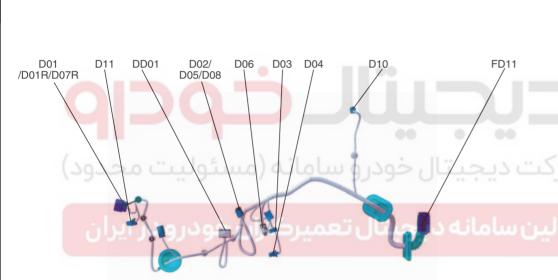
Floor Harness (2) HL-12

# **FLOOR HARNESS**

F01 F02-A F02-B F02-C F03 F04 F05 F06 F07 F10	Woofer Speaker AMP AMP AMP AMP Auto Head Lamp Leveling Device Module Driver Seat Belt Pretensioner Driver Curtain Air Bag Driver Side Air Bag Driver Side Impact Sensor Rear View Camera	F52 F53 F54 F55 F62 F65 F66 F67 F68 F69	Driver Seat Belt Buckle Switch Rear Seat Belt Buckle Switch LH Rear Seat Belt Buckle Switch RH Trunk Lid Handle Switch Passenger Seat belt Reminder Mat Sport Mode Switch Rear Initiator Electric Parking Brake Actuator RH Electric Parking Brake Module ISG Low DC-DC Converter (AMP)
F11	Driver Door Switch	JF01	Joint Connector
F12 F13	Passenger Door Switch Smart Key Trunk Antenna	I/P-A I/P-B	I/P Junction Box I/P Junction Box
F14	Smart Key Antenna (Interior #2)	EF11	Connection With Front Harness
F15	SRS Control Module	EF21	Connection With Front Harness
F16	Passenger Seat Belt Pretensioner	EF61	Connection With Front Harness
F17	Passenger Curtain Air Bag	FD11	Connection With Driver Door Harness
F18 F19	Passenger Side Air Bag Passenger Side Impact Sensor	FD21 FD31	Connection With Passenger Door Harness
F20	Pa <mark>ssen</mark> ger Side Impac <mark>t</mark> Sensor Passenger Seat Belt Buckle Switch	FD41	Connection With Rear Door LH Harness Connection With Rear Door RH Harness
F21	Rear Door Switch LH	FR11	Connection With Rear Bumper Harness
F22	Rear Door Switch RH	FS01	Connection With Driver Seat Harness
F23	Rear Seat Warmer LH	FS02	Connection With Passenger Seat Harness
F24	Rear Seat Warmer RH	MF11	Connection With Main Harness
F25 F26	Rear Wheel Sensor LH Rear Wheel Sensor RH	MF61 MF71	Connection With Main Harness Connection With Main Harness
F27	Rear Combination Lamp (IN) LH	GF01	Ground
F28	Rear Combination Lamp (IN) RH	GF02	Ground
F29	Rear Combination Lamp (OÚT) LH	GF03	Ground
F30	Rear Combination Lamp (OUT) RH	GF04	Ground
F32	Rear Defogger (+)	GF05	Ground
F33 F34	Hand Parking Brake Switch (M/T) Fuel Filler Actuator	GF06	Ground
F35	Fuel Sender & Fuel Pump Motor		
F36	Trunk Room Lamp		
F37	Trunk Lid Motor		
F38	Glass Antenna Module		
F39 F44	High-Mounted Stop Lamp		
F44 F45	License Lamp LH License Lamp RH		
F46	Driver Door Scuff Lamp		
F47	Passenger Door Scuff Lamp		
F49	Electric Parking Brake Actuator LH		
F50	Rear Seat Warmer Relay LH		
F51	Rear Seat Warmer Relay RH		

Door Harness (1)

# **DRIVER DOOR**



#### **DRIVER DOOR HARNESS**

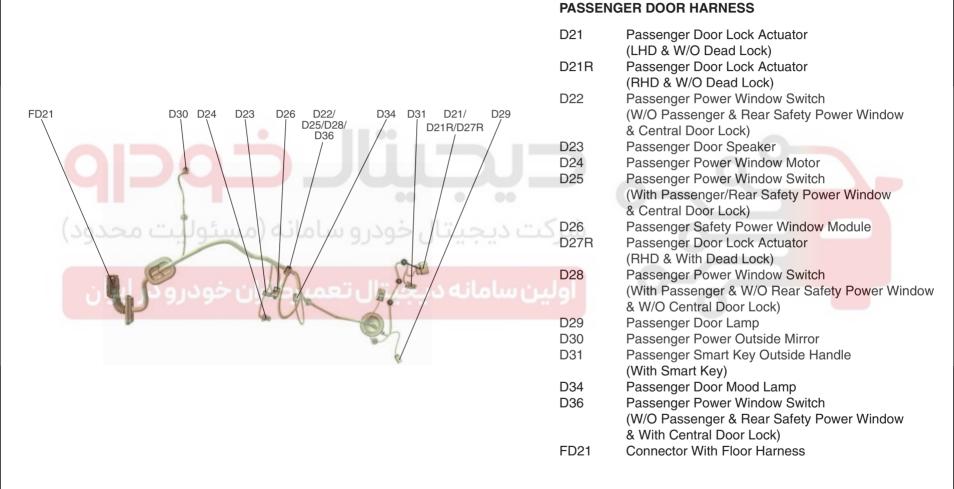
D01 D01R	Driver Door Lock Actuator (LHD & W/O Dead Lock) Driver Door Lock Actuator (RHD & W/O Dead Lock)
D02	Power Window Main Switch
D03	Driver Door Speaker
D04	Driver Power Window Motor
	(W/O Safety Power Window)
D05	Power Window Main Switch
	(With Front & Rear Safety Power Window)
D06	Driver Safety Power Window Module
D07R	Driver Door Lock Actuator (RHD & With Dead Lock)
D08	Power Window Main Switch
	(With Front & W/O Rear Safety Power Window)
D10	Driver Power Outside Mirror
D11	Driver Smart Key Outside Handle (With Smart Key)
DD01	Connector With Driver Door EXT. Harness
FD11	Connector With Floor Harness

#### **DRIVER DOOR EXT. HARNESS**

D09	Driver Door Lamp
D12	Power Outside Mirror Switch
D13	Fuel Filler Door & Trunk Lid Switch
D14	Driver Door Mood Lamp
D16	Driver IMS Switch
DD01	Connection With Driver Door Harness

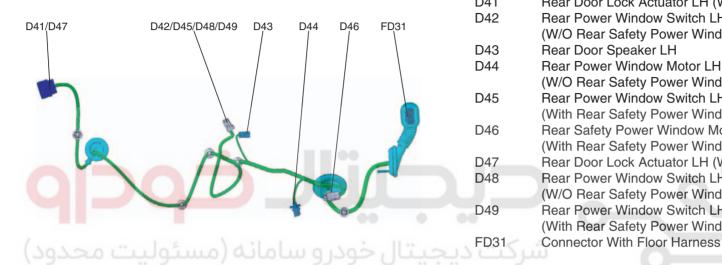
Door Harness (2) HL-14

### **PASSENGER DOOR**



Door Harness (3) HL-15

# REAR DOOR (LH)



# **REAR DOOR (RH)**



# **REAR DOOR HARNESS (LH)**

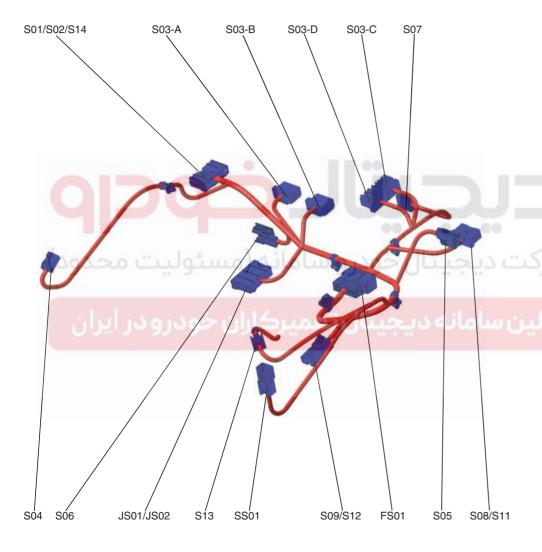
D41	Rear Door Lock Actuator LH (W/O Dead Lock)
D42	Rear Power Window Switch LH
	(W/O Rear Safety Power Window & Rear Seat Warmer)
D43	Rear Door Speaker LH
D44	Rear Power Window Motor LH
	(W/O Rear Safety Power Window)
D45	Rear Power Window Switch LH
	(With Rear Safety Power Window & W/O Rear Seat Warmer)
D46	Rear Safety Power Window Module LH
	(With Rear Safety Power Window)
D47	Rear Door Lock Actuator LH (With Dead Lock)
D48	Rear Power Window Switch LH
	(W/O Rear Safety Power Window & With Rear Seat Warmer)
D49	Rear Power Window Switch LH
	(With Rear Safety Power Window & With Rear Seat Warmer)
FD31	Connector With Floor Harness

### **REAR DOOR HARNESS (RH)**

D51	Rear Door Lock Actuator RH (W/O Dead Lock)
D52	Rear Power Window Switch RH
	(W/O Rear Safety Power Window & Rear Seat Warmer)
D53	Rear Door Speaker RH
D54	Rear Power Window Motor RH
	(W/O Rear Safety Power Window)
D55	Rear Power Window Switch RH
	(With Rear Safety Power Window & W/O Rear Seat Warmer)
D56	Rear Safety Power Window Module RH
	(With Rear Safety Power Window)
D57	Rear Door Lock Actuator RH (With Dead Lock)
D58	Rear Power Window Switch RH
	(W/O Rear Safety Power Window & With Rear Seat Warmer)
D59	Rear Power Window Switch RH
	(With Rear Safety Power Window & With Rear Seat Warmer)
FD41	Connector With Floor Harness

Seat Harness (1) HL-16

# **DRIVER POWER SEAT**



#### **DRIVER POWER SEAT HARNESS**

S01	Driver Seat Manual Switch (LHD & W/O IMS)
S01R	Driver Seat Manual Switch (RHD & W/O IMS)
S02	Driver Seat Manual Switch (With IMS)
S03-A	Driver IMS Module (LHD & With IMS)
S03-AR	Driver IMS Module (RHD & With IMS)
S03-B	Driver IMS Module (With IMS)
S03-C	Driver IMS Module (With IMS)
S03-D	Driver IMS Module (With IMS)
S04	Driver Reclining Limit Switch (LHD & W/O IMS)
S04R	Driver Reclining Limit Switch (RHD & W/O IMS
S05	Driver Front Height Adjuster Motor
S06	Driver Rear Height Adjuster Motor
S07	Driver Slide Motor
S08	Driver Seat Warmer Module (W/O CCS)
S09	Driver Cushion Warmer (W/O CCS)
S11	Driver CCS Control Module (With CCS)
S12	Driver CCS Cushion Warmer (With CCS)
S13	Driver CCS Blower Motor (With CCS)
S14	Driver Lumbar Support Switch (2WAY)
JS01	Joint Connector (W/O IMS)
JS02	Joint Connector (With IMS)
FS01	Connection With Floor Harness
SS01	Connection With Driver Seat EXT. Harness

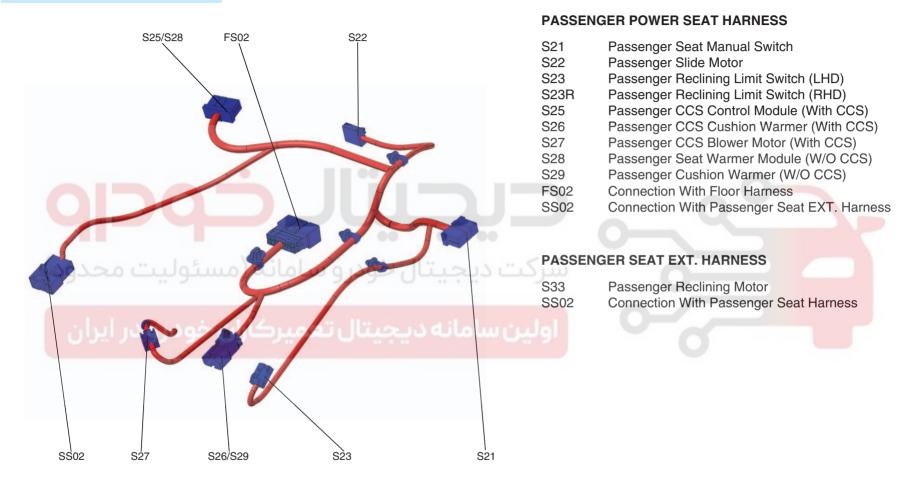
#### **DRIVER SEAT EXT. HARNESS**

S31	Driver Reclining Motor
S32	Driver Lumbar Support Motor

SS01 Connection With Driver Seat Harness

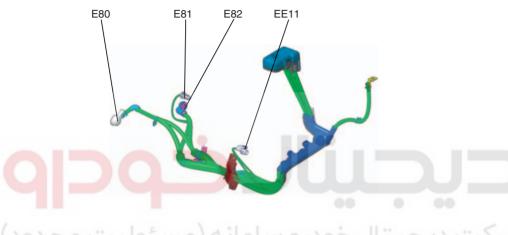
Seat Harness (2) HL-17

# **PASSENGER POWER SEAT**



Battery Harness (1) HL-18

# G4KD/G4KE: THETA II 2.0L/2.4L MPI



#### **BATTERY HARNESS (G4KD/G4KE)**

E80 Alternator E81 Start Solenoid E82 Start Motor

EE11 Connection With Front Harness

# **G4KJ: THETA II 2.4L GDI**

# E83 E84 E85 EE11

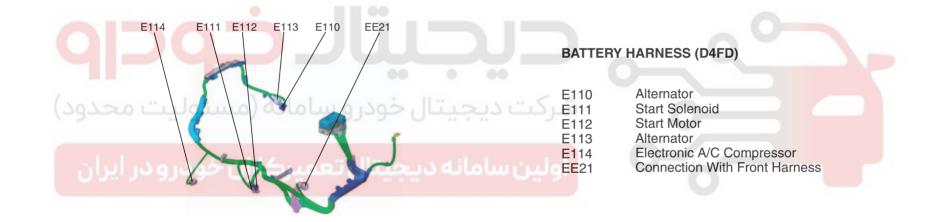
## **BATTERY HARNESS (G4KJ)**

E83	Alternator
E84	Start Solenoid
E85	Start Motor

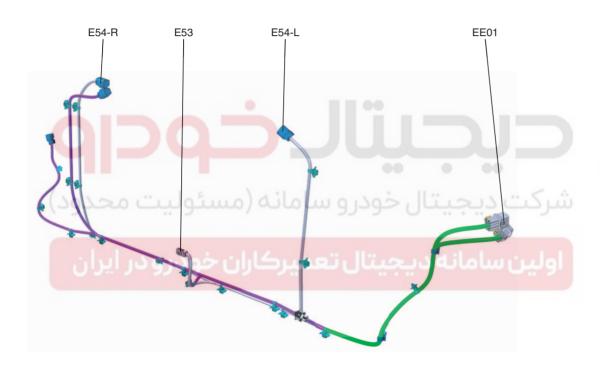
EE11 Connection With Front Harness

Battery Harness (2) HL-19

D4FD: U II 1.7L



Front End Module Harness (1)



### FRONT END MODULE HARNESS

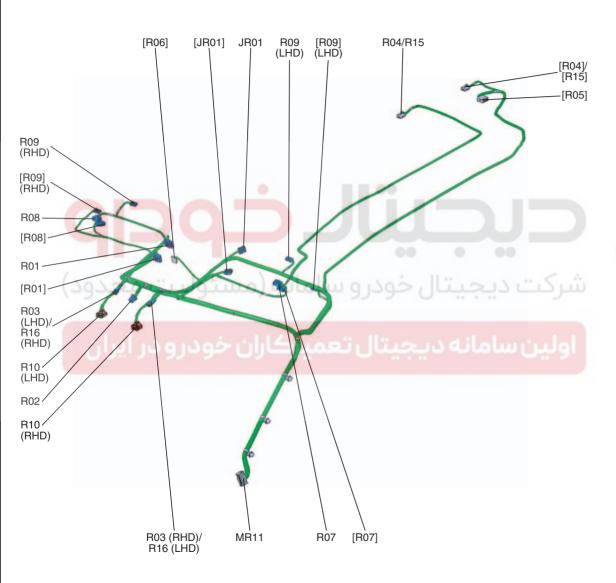
E53 Ambient Temperature Sensor

E54-L Horn LH

E54-R Horn RH (G4KD/G4KE/G4KJ)
EE01 Connection With Front Harness



Roof Harness (1)

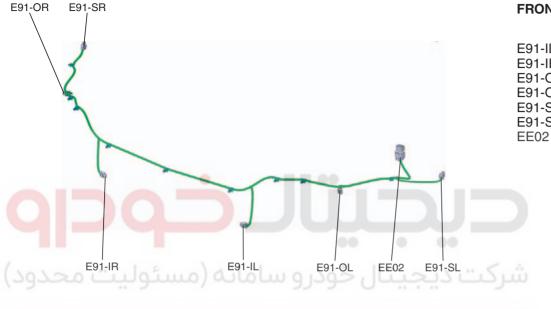


#### **ROOF HARNESS**

R01	Overhead Console Lamp
R02	Electro Chromic Mirror
R03	Rain Sensor
R04	Room Lamp (W/O Rear Personal Lamp)
R05	Panorama Sunroof
R06	Panorama Sunroof Switch
R07	Vanity Lamp LH
R08	Vanity Lamp RH
R09	MIC
R10	Lane Keeping Assist Module
R15	Rear Personal Lamp
	(With Rear Personal Lamp)
R16	Auto Defogger Sensor
JR01	Joint Connector
MR11	Connector With Floor Harness

[]: With Panorama Sunroof

**Bumper Harness (1)** 

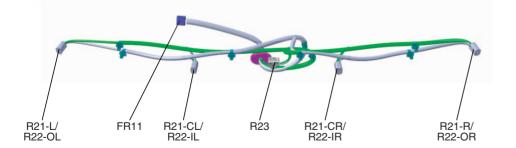


#### FRONT BUMPER HARNESS

E91-IL	Front Smart Parking Assist Sensor LH (IN)
E91-IR	Front Smart Parking Assist Sensor RH (IN)
E91-OL	Front Smart Parking Assist Sensor LH (OUT)
E91-OR	Front Smart Parking Assist Sensor RH (OUT)
E91-SL	Front Smart Parking Assist Sensor LH (SIDE)
E91-SR	Front Smart Parking Assist Sensor RH (SIDE)
	6 " M" = 111

Connection With Front Harness

# اولین سامانه دیجیتال تعمیرکاران خودرو در ایران **REAR BUMPER HARNESS**



R21-CL	Rear Parking Assist Sensor LH (Center)
R21-CR	Rear Parking Assist Sensor RH (Center)
R21-L	Rear Parking Assist Sensor LH
R21-R	Rear Parking Assist Sensor RH
R22-IL	Rear Smart Parking Assist Sensor LH (IN)
R22-IR	Rear Smart Parking Assist Sensor RH (IN)
R22-OL	Rear Smart Parking Assist Sensor LH (OUT)
R22-OR	Rear Smart Parking Assist Sensor RH (OUT)
R23	Smart Key Bumper Antenna
FR11	Connector With Floor Harness
1 1 1 1 1	Connector with Floor Harness