

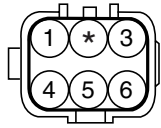
HARNESS CONNECTORS

EFAFA0B4

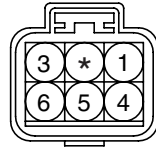
Harness Connectors (1)

CC-1

CGGIG(G4FC)

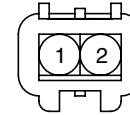


KUM_NMWP_06M_5

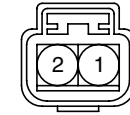


KUM_NMWP_06F_B

EB11(G4FC)

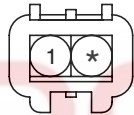


KUM_NMWP_02M_B

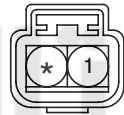


KUM_NMWP_02F_B

EB11(G4KD)



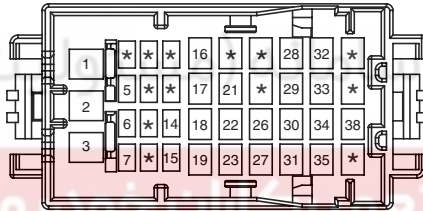
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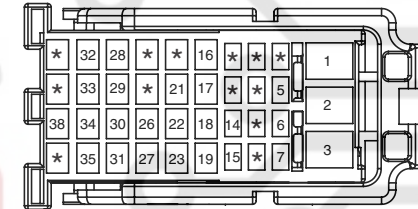
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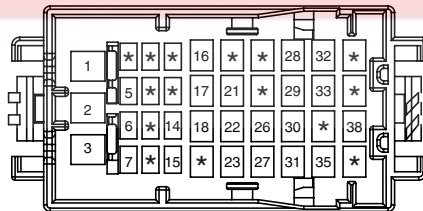


KET_0409LIF_39M_W

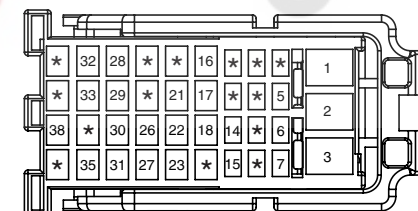


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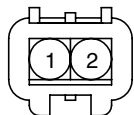


KET_0409LIF_39M_W



KET_0409LIF_39F_W

EE12

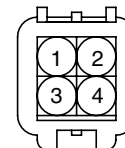


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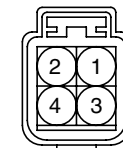


KUM_NMWP_02F_B

EE22



KUM_NMWP_04M_B



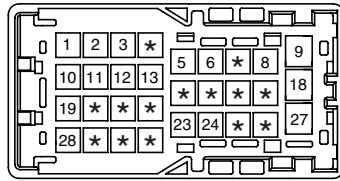
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HARNESS CONNECTORS

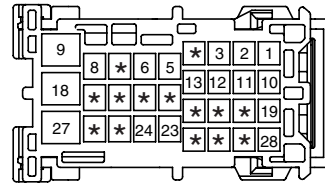
Harness Connectors (2)

CC-2

EM11

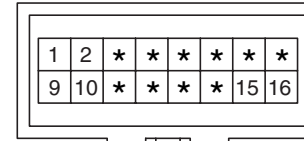


KET_LIF187_31M_W

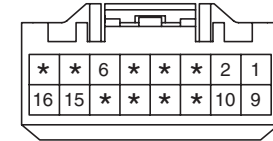


KET_LIF187_31F_W

FC11(G4FC)



AMP_090III_16M_W

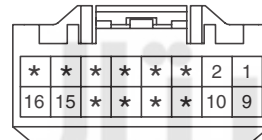


AMP_090III_16F_W

FC11(G4KD)

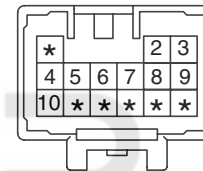


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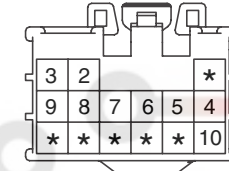


AMP_090III_16F_W

FD11



KET_090III_15M_W

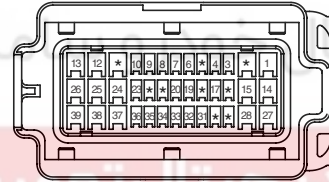


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FD12

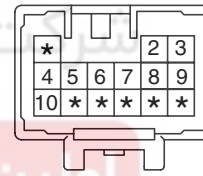


KET_HBDDOOR_39M_B

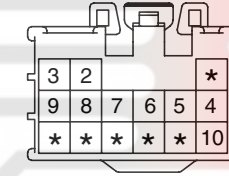


KET_HBDDOOR_39F_B

FD21

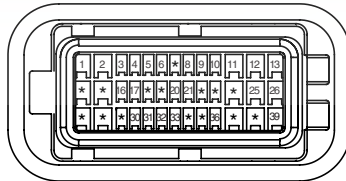


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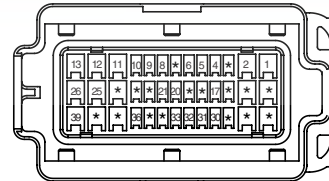


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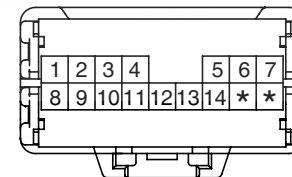


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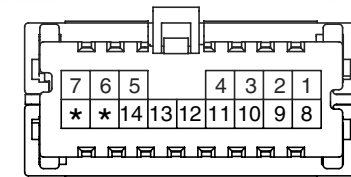


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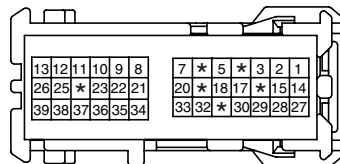


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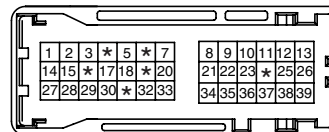


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MC12(G4FC)

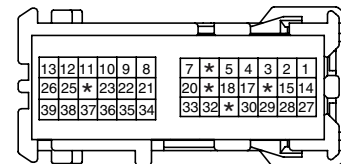


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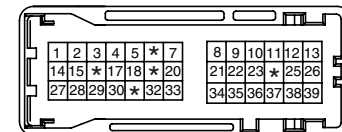


KET_LIF0409_39M_Gr

MC12(G4KD)



KET_LIF0409_39F_Gr



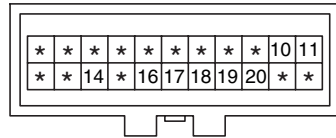
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HARNESS CONNECTORS

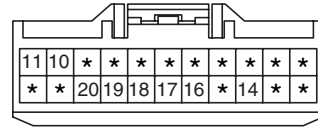
Harness Connectors (3)

CC-3

MC22(G4FC)

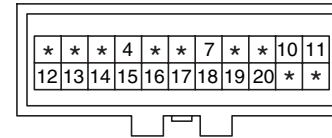


AMP_090III_22M_W

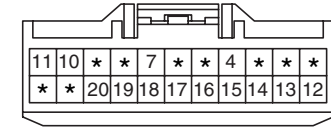


AMP_090III_22F_W

MC22(G4KD)

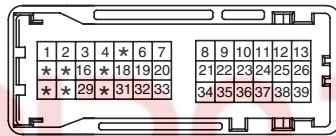


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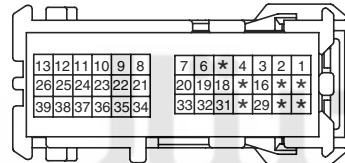


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MF12

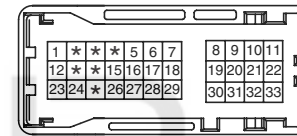


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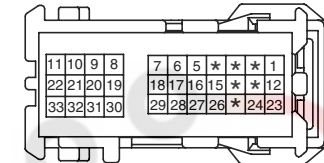


KET_LIF0409_39F_Gr

MF22



KET_LIF0409_33M_W



KET_LIF0409_33F_W

MF32

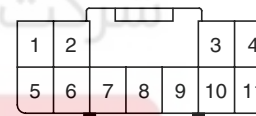


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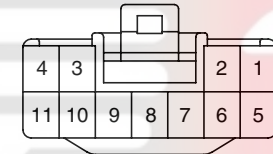


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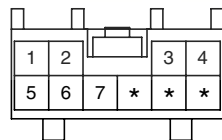


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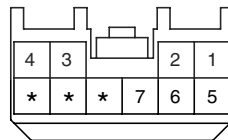


KET_090II_11F_W

MR11



AMP_090III_10M_W



AMP_090III_10F_W

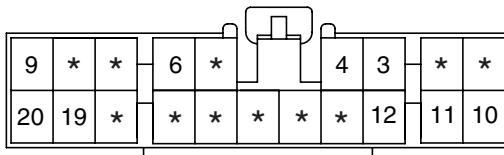
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ENGINE COMPARTMENT JUNCTION BOX E6C1FF3C

Engine Compartment Junction Box (1)

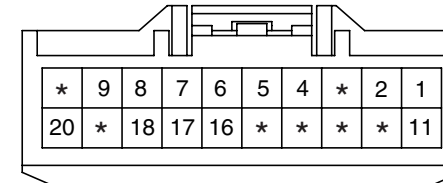
CC-4

E/R-CGG1



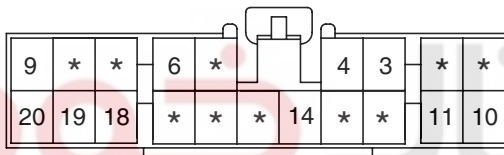
KET_090III_20F_Gr

E/R-CGG2



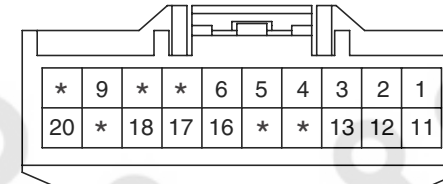
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E/R-CHG1



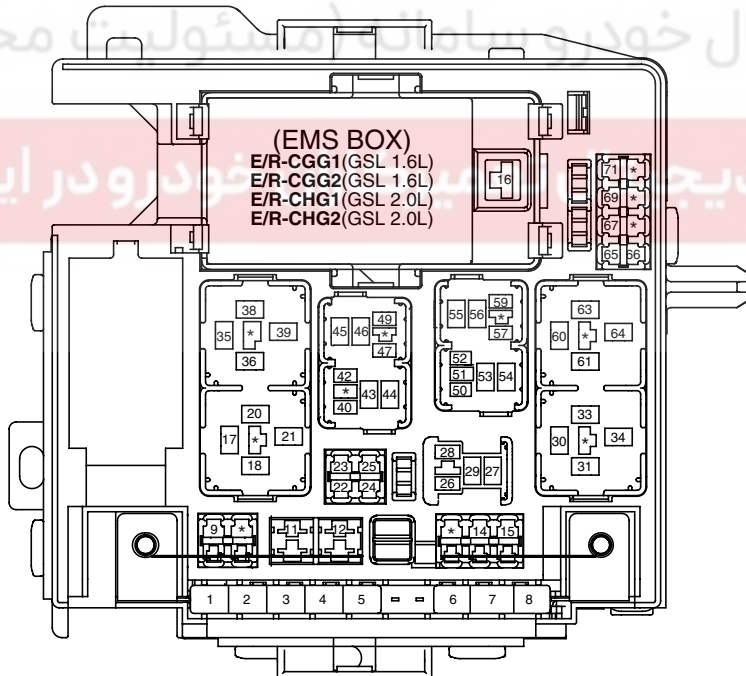
KET_090III_20F_Gr

E/R-CHG2



KET_090III_20F_W

E/R FUSE & RELAY BOX



TD_EROOMBOX_72F_B

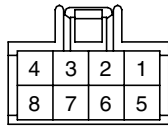
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PASSENGER COMPARTMENT JUNCTION BOX EDCDB6F6

Passenger Compartment Junction Box (1)

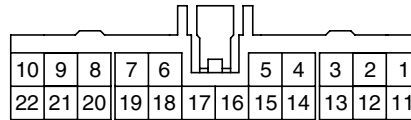
CC-5

I/P-A



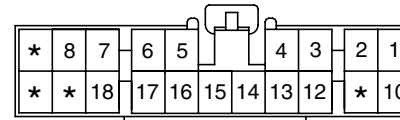
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I/P-B



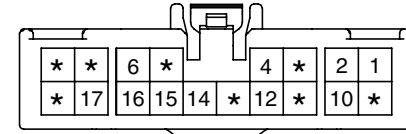
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I/P-C



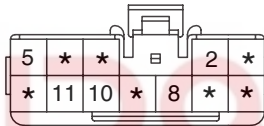
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I/P-D



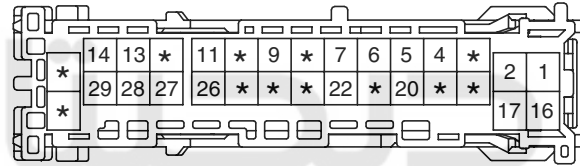
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I/P-E



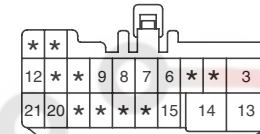
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I/P-F



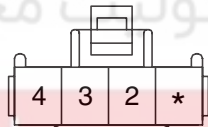
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I/P-G



KET_1809_21F_W_A

I/P-H



KET_312II_04F_W

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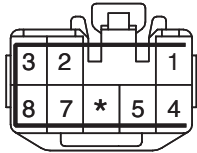
JOINT CONNECTORS

E37E4C03

Joint Connectors (1)

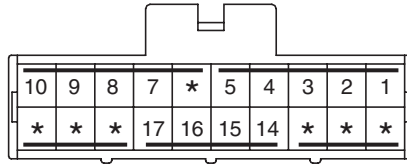
CC-6

JD01



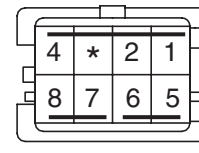
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JF01



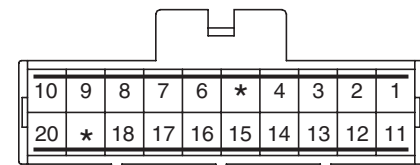
KET_090II_20F_B_JCH

JF02



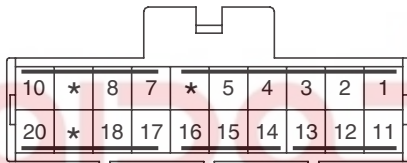
KET_070_08F_B_JCH

JM01



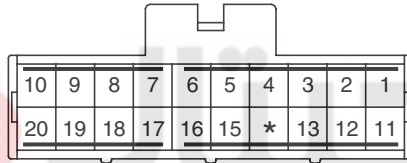
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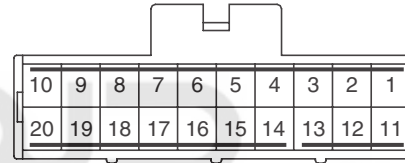
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JM03



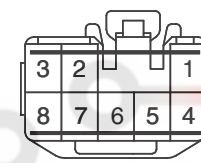
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JM04



KET_090II_20F_B_JCH

JR01



KET_090II_08F_B

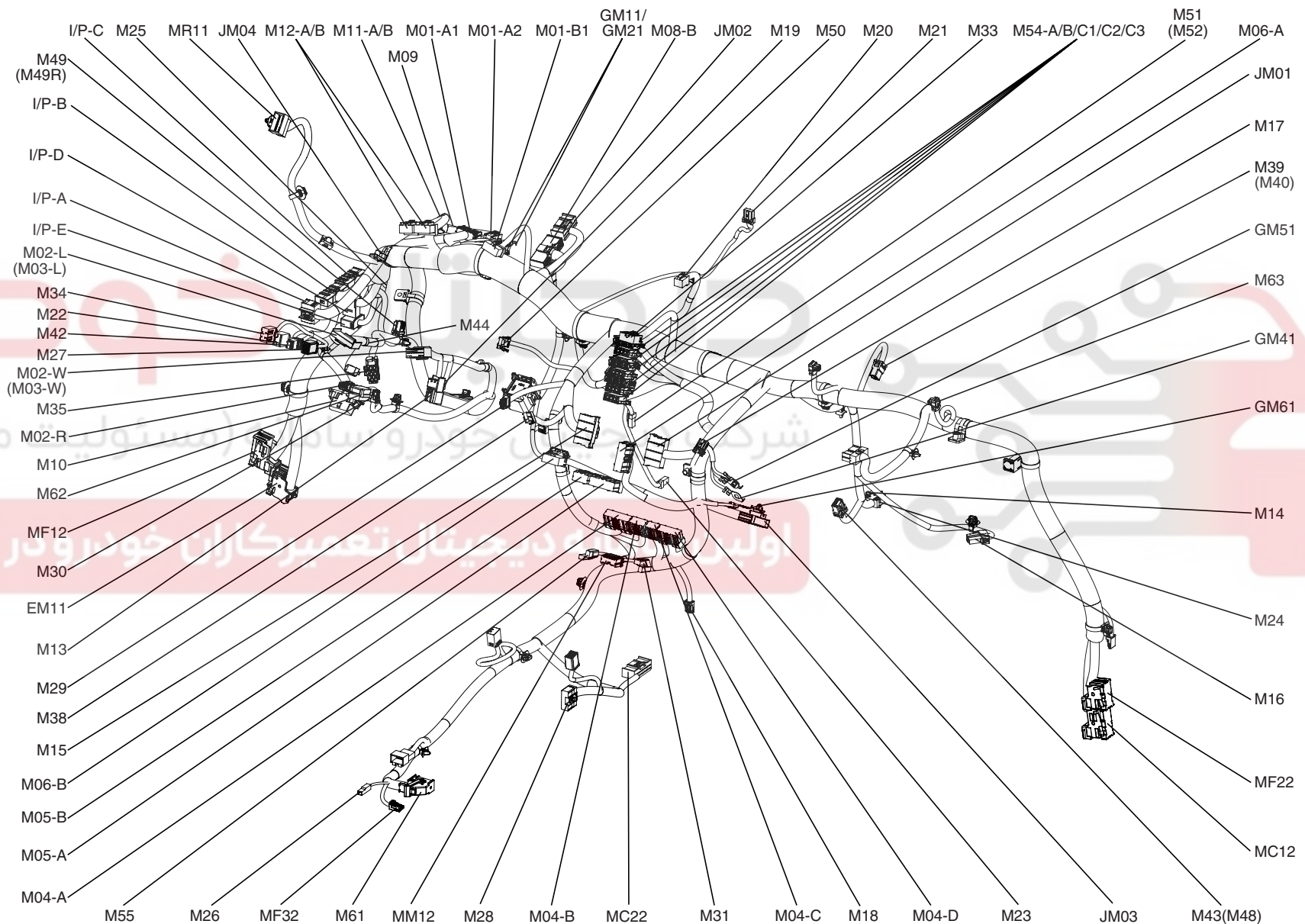
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

MAIN HARNESS E8545F16

Main Harness (1)

HL-1



(): RHD

MAIN HARNESS

Main Harness (2)

HL-2

MAIN HARNESS

M01-A1	Instrument cluster	M25	Flasher unit	JM02	Joint connector
M01-A2	Instrument cluster	M26	Parking brake switch	JM03	Joint connector
M01-B1	Instrument cluster	M27	Rheostat	JM04	Joint connector
M02-L	Multifunction switch (LHD)	M28	Sport mode switch	EM11	Connection with FRONT harness
M02-R	Multifunction switch	M29	Start stop button switch (With button starting)	MC12	Connection with CONTROL harness
M02-W	Multifunction switch (LHD)	M30	Steering angle sensor (With ESP)	MC22	Connection with CONTROL harness
M03-L	Multifunction switch (RHD)	M31	Multimedia jack	MF12	Connection with FLOOR harness
M03-W	Multifunction switch (RHD)	M33	Hazard switch	MF22	Connection with FLOOR harness
M04-A	BCM	M34	Head lamp leveling switch	MF32	Connection with FLOOR(A/BAG) harness
M04-B	BCM	M35	Ignition switch (W/O button starting)	MM12	Connection with CONSOLE EXT. harness
M04-C	BCM	M38	Incar temperature sensor	MR11	Connection with ROOF harness
M04-D	BCM	M39	Intake actuator (LHD)	GM11	Ground
M05-A	A/C control module (Auto)	M40	Intake actuator (RHD)	GM21	Ground
M05-B	A/C control module (Auto)	M42	Windshield defogger switch	GM41	Ground
M06-A	A/C control module (Manual)	M43	Temperature actuator (LHD)	GM51	Ground
M06-B	A/C control module (Manual)	M44	Key solenoid	GM61	Ground
M08-A	ICM relay box	M48	Temperature actuator (RHD)		
M08-B	ICM relay box	M49	ESP control module (LHD)		
M09	Immobilizer	M49R	ESP control module (RHD)		
M10	Data link connector	M50	Trip switch		
M11-A	Button relay box	M51	Mode actuator (LHD)		
M11-B	Button relay box	M52	Mode actuator (RHD)		
M12-A	PDM	M54-A	Audio		
M12-B	PDM	M54-B	Audio		
M13	Electronic steering column lock	M54-C1	Audio		
M14	Blower resister	M54-C2	Audio		
M15	Fob holder	M54-C3	Audio		
M16	Blower motor	M55	Rear parking assist buzzer		
M17	RF receiver (With button starting)	M61	SRS control module		
M18	Smart key antenna (Interior 1)	M62	Driver air bag		
M19	Ignition key ILL. & Door warning switch	M63	Passenger air bag		
M20	Clock	I/P-A	Connection with I/P JUNCTION BOX harness		
M21	Auto light & Photo sensor	I/P-B	Connection with I/P JUNCTION BOX harness		
M22	ESP switch	I/P-C	Connection with I/P JUNCTION BOX harness		
M23	Evaporate sensor	I/P-D	Connection with I/P JUNCTION BOX harness		
M24	FET (Field effect transistor)	I/P-E	Connection with I/P JUNCTION BOX harness		
		JM01	Joint connector		

CONSOLE EXT. HARNESS	
M71	Cigarette lighter
M72	Power outlet
M73	Front seat warmer switch LH
M74	Front seat warmer switch RH
M75	Sport mode switch ill.(P.R.N.D)
M76	Sport mode switch ill.(+, -)
MM12	Connection with MAIN harness

FRONT & FRONT END MODULE HARNESS

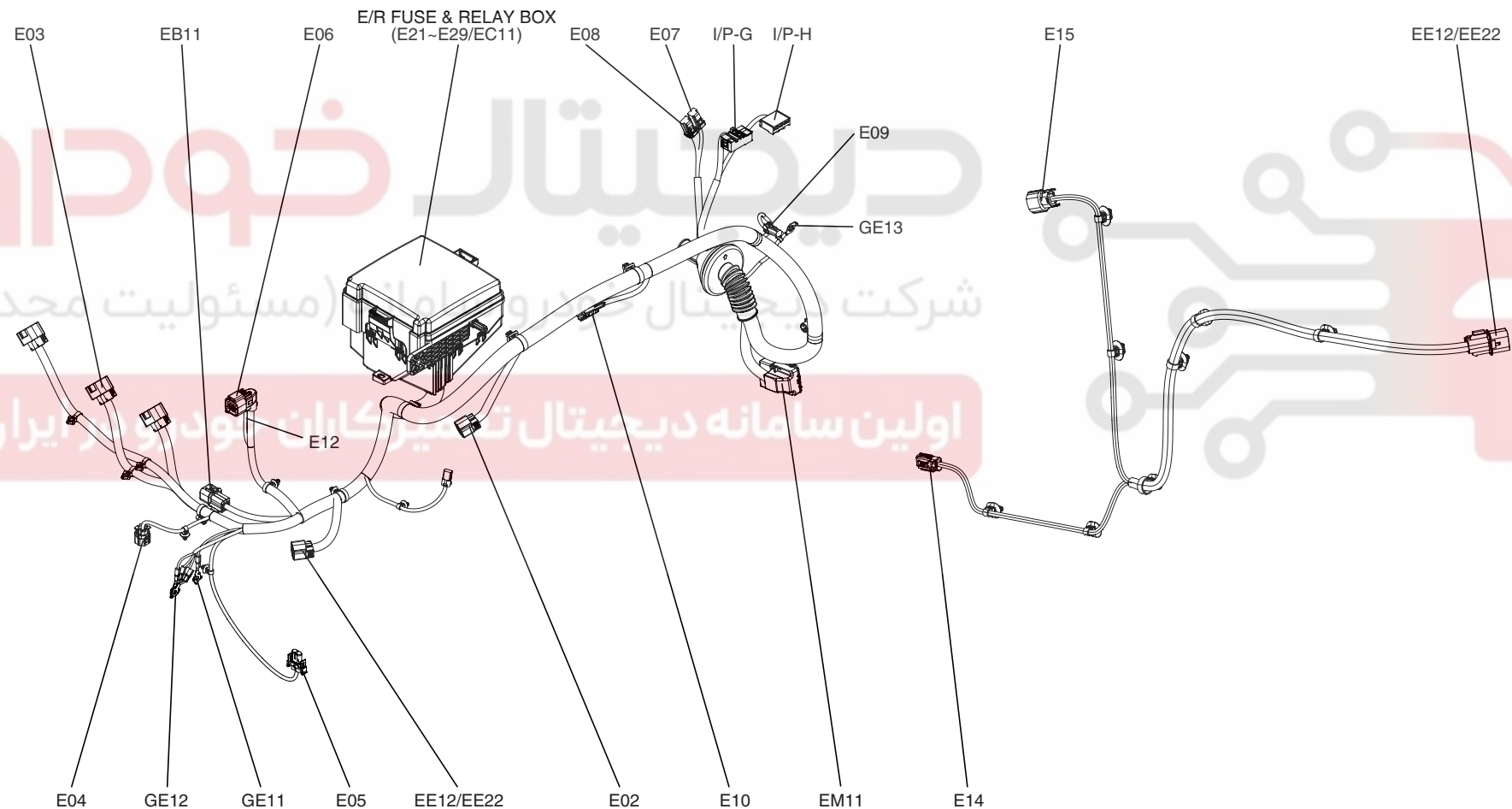
E5708938

Front & Front End Module Harness (1)

HL-3

Front Harness

Front End Module Harness



FRONT & FRONT END MODULE HARNESS

Front & Front End Module Harness (2)

HL-4

FRONT HARNESS

E02	External buzzer (With button starting)
E03	Cooling fan motor
E04	Front impact sensor LH
E05	Front fog lamp LH
E06	Head lamp LH
E07	EPS control module
E08	EPS control module
E09	Side repeater lamp LH
E10	Front wheel sensor LH (With ABS/ESP)
E12	Head lamp leveling actuator LH
E21	Blower relay
E22	Start relay
E23	H/LP(HI) relay
E24	Front fog relay
E25	Horn relay
E26	Wiper relay
E27	H/LP(LO) relay
E28	C/FAN HI relay
E29	C/FAN LO relay
I/P-G	Connection with I/P JUNCTION BOX harness
I/P-H	Connection with I/P JUNCTION BOX harness
EB11	Connection with BATTERY harness
EC11	Connection with CONTROL harness
EE12	Connection with FRONT END MODULE harness
EE22	Connection with FRONT END MODULE harness
EM11	Connection with MAIN harness
GE11	Ground
GE12	Ground
GE13	Ground

FRONT END MODULE HARNESS

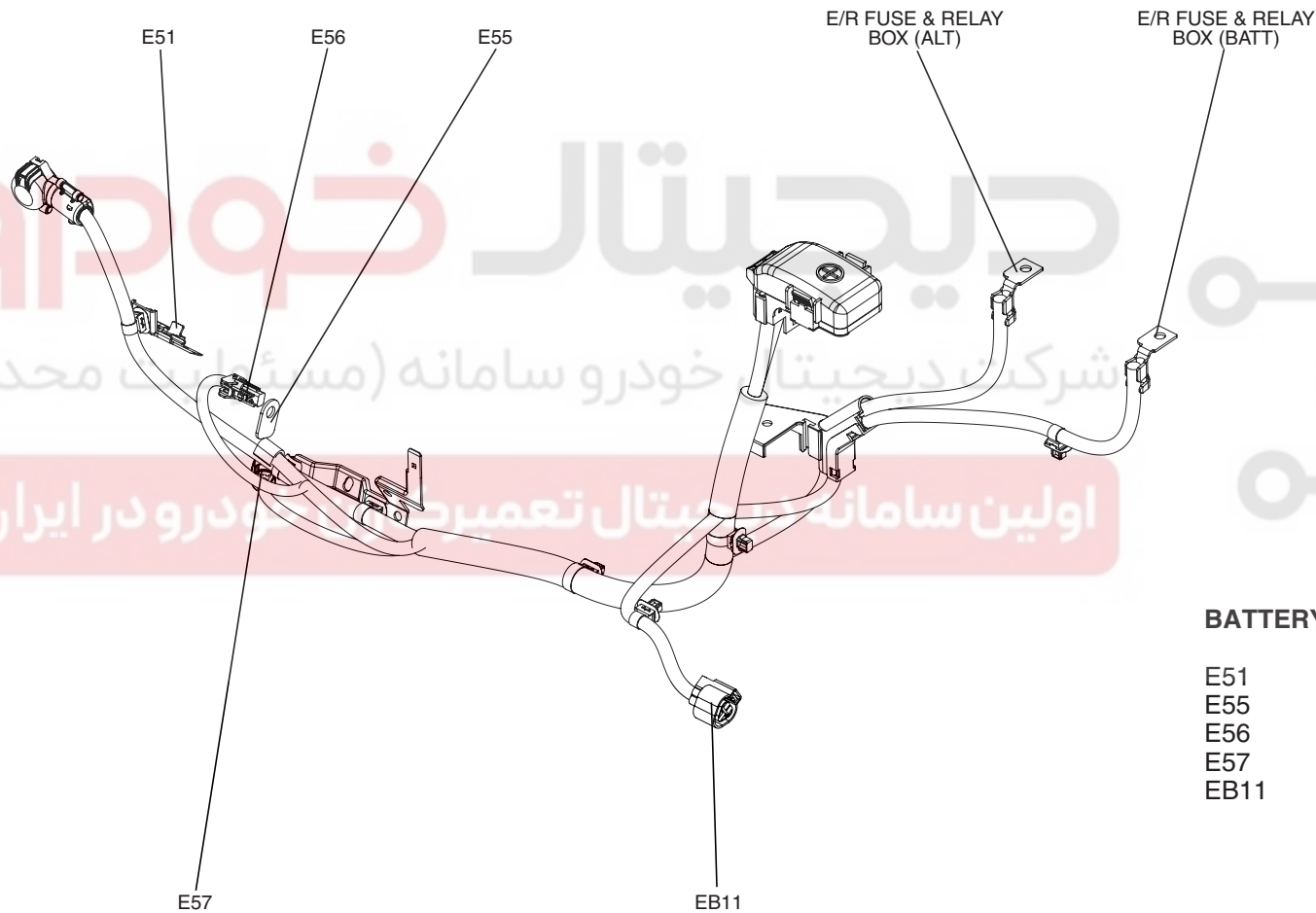
E14	Ambient sensor
E15	Horn (Low)
EE12	Connection with FRONT harness
EE22	Connection with FRONT harness

BATTERY HARNESS ED80F08E

Battery Harness (1)

HL-5

Battery Harness (G4FC)



BATTERY HARNESS

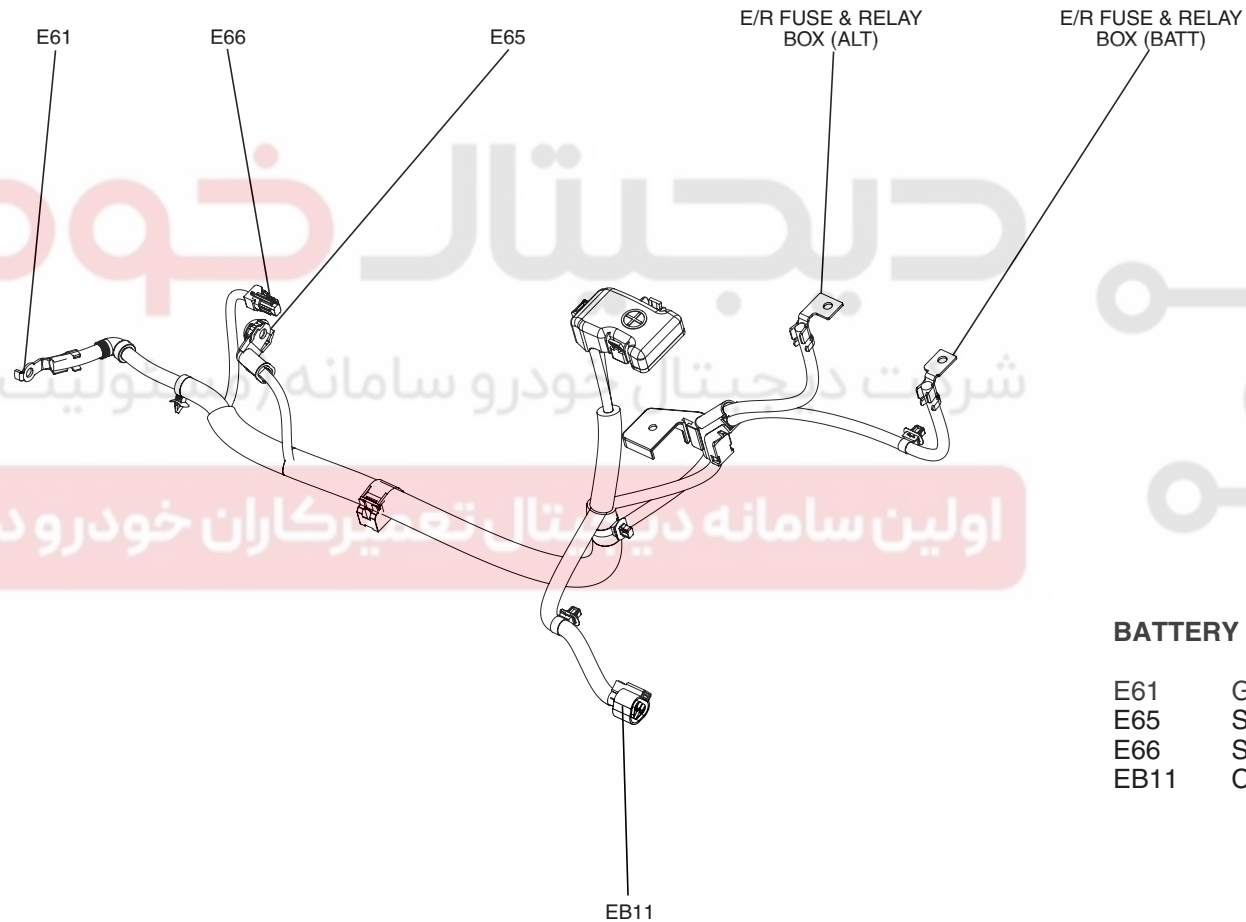
E51	Generator
E55	Start motor
E56	Start solenoid
E57	Oil pressure switch
EB11	Connection with FRONT harness

BATTERY HARNESS

Battery Harness (2)

HL-6

Battery Harness (G4KD)



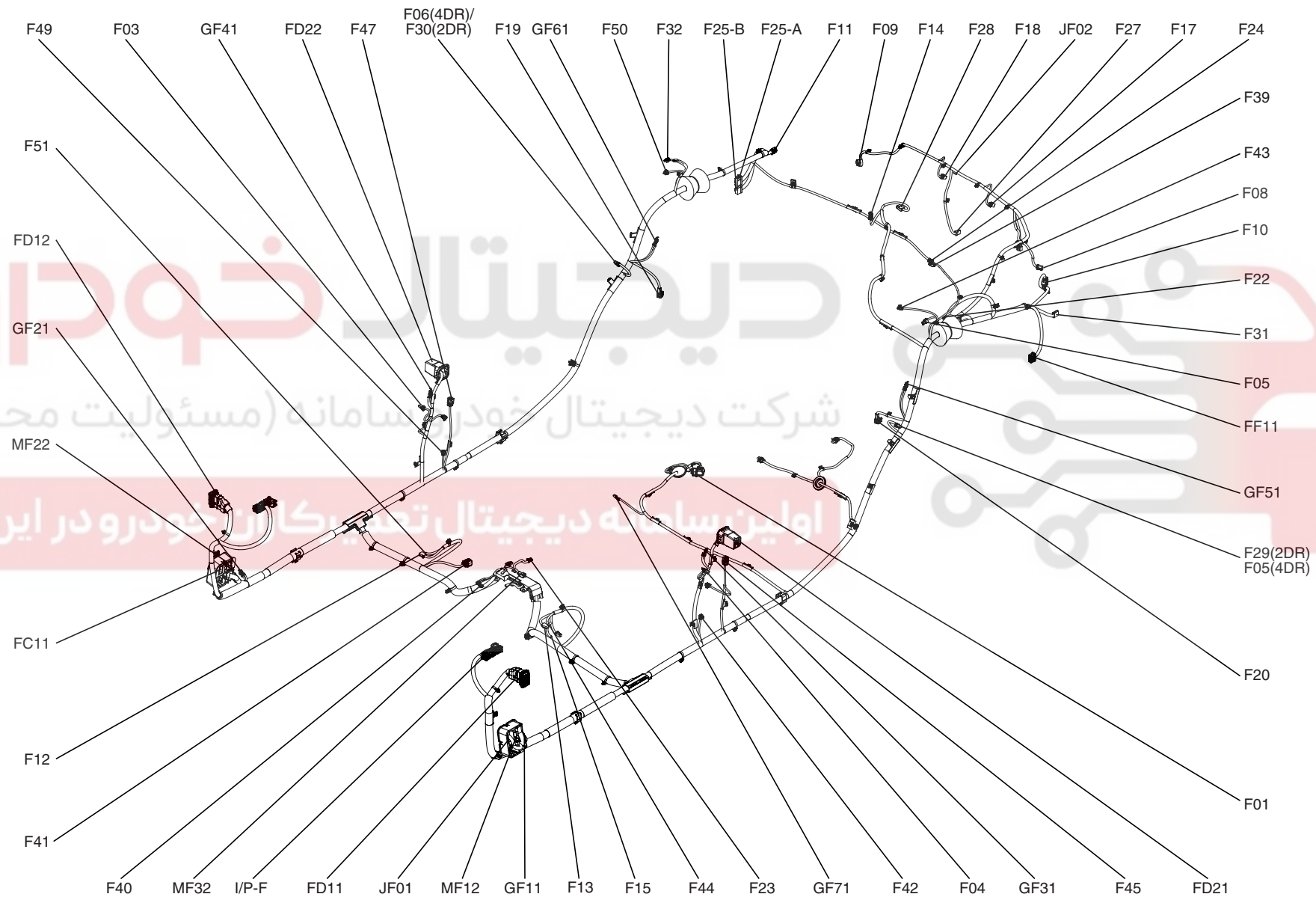
BATTERY HARNESS

E61	Generator
E65	Start motor
E66	Start solenoid
EB11	Connection with FRONT harness

FLOOR HARNESS E32071E4

Floor Harness (1)

HL-7



FLOOR HARNESS

Floor Harness (2)

HL-8

FLOOR HARNESS

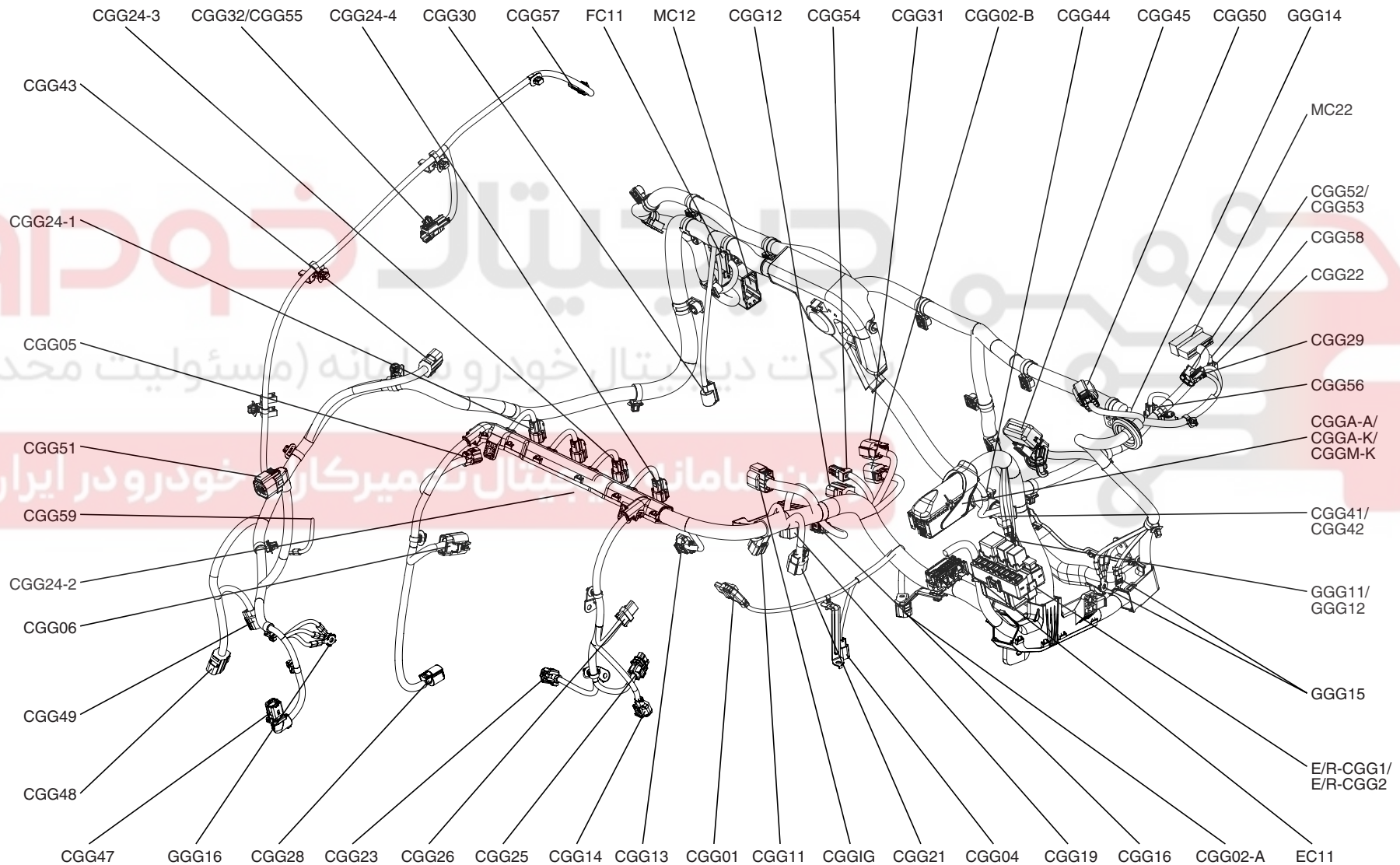
F01	Fuel sender & Fuel pump motor	F42	Driver seat belt pretensioner
F03	Passenger door switch	F43	Driver curtain air bag
F04	Driver door switch	F44	Driver side air bag
F05	Rear door switch LH	F45	Driver side impact sensor
F06	Rear door switch RH	F47	Passenger side impact sensor
F08	Rear combination lamp (In) LH	F49	Passenger seat belt pretensioner
F09	Rear combination lamp (In) RH	F50	Passenger curtain air bag
F10	Rear combination lamp (Out) LH	F51	Passenger side air bag
F11	Rear combination lamp (Out) RH	JF01	Joint connector
F12	Front seat warmer RH	JF02	Joint connector
F13	Front seat warmer LH	I/P-F	Connection with I/P JUNCTION BOX harness
F14	High-mounted stop lamp	FD11	Connection with REAR DOOR LH harness
F15	Seat belt switch	FD12	Connection with DRIVER DOOR harness
F17	License lamp LH (4DR)	FD21	Connection with REAR DOOR RH harness
F18	License lamp RH (4DR)	FD22	Connection with ASSIST DOOR harness
F19	Rear wheel sensor RH	FF11	Connection with BWS EXT. harness
F20	Rear wheel sensor LH	FC11	Connection with CONTROL harness
F22	Rear parking assist control module	MF12	Connection with MAIN harness
F23	Smart key antenna (Interior 2) (With smart key)	MF22	Connection with MAIN harness
F24	Smart key antenna (Trunk) (With smart key)	MF32	Connection with MAIN (A/BAG) harness
F25-A	Smart key control module	GF11	Ground
F25-B	Smart key control module	GF21	Ground
F27	Trunk lid actuator	GF31	Ground
F28	Trunk room lamp	GF41	Ground
F29	Rear speaker LH (2DR)	GF51	Ground
F30	Rear speaker RH (2DR)	GF61	Ground
F31	License lamp (2DR) (W/O rear parking assist)	GF71	Ground
F32	Roof antenna		
F39	Rear defogger (+)		
F40	Parking brake switch (RHD)		
F41	SRS control module		

CONTROL HARNESS ECBA7B45

Control Harness (1)

HL-9

G4FC - GSL 1.6L



CONTROL HARNESS

Control Harness (2)

HL-10

CONTROL HARNESS (G4FC)

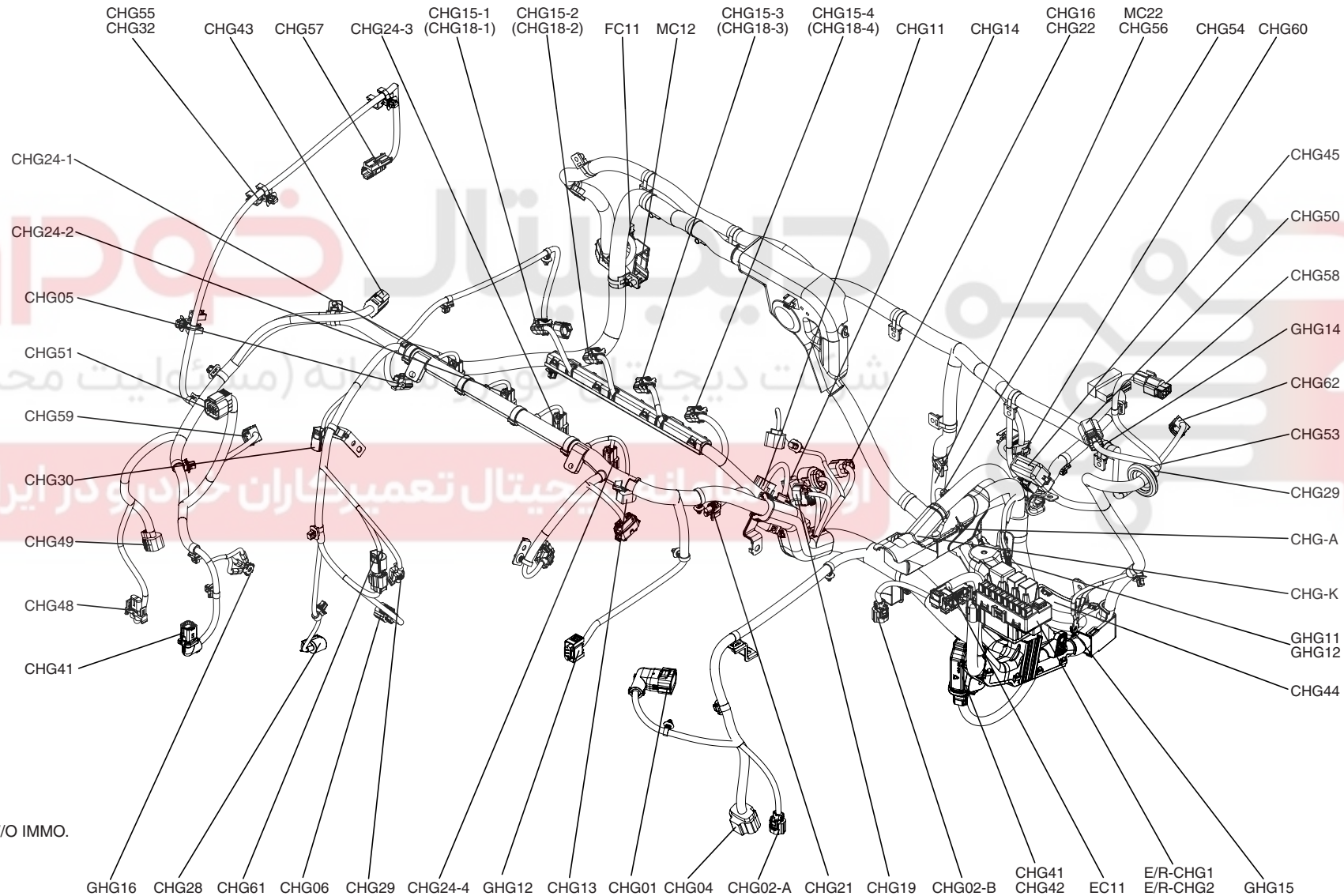
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CONTROL HARNESS

Control Harness (3)

HL-11

G4KD - GSL 2.0L



CONTROL HARNESS

Control Harness (4)

HL-12

CONTROL HARNESS (G4KD)

CHG01	Transaxle range switch	CHG43	A/C pressure transducer
CHG02-A	Pulse generator 'A'	CHG44	Brake oil level sensor
CHG02-B	Pulse generator 'B'	CHG45	Multipurpose check connector
CHG04	ATM solenoid valve	CHG47	Front impact sensor RH
CHG05	Oil control valve	CHG48	Front fog lamp RH
CHG06	Generator	CHG49	Front washer motor
CHG11	Engine coolant temperature sensor & Sender	CHG50	Front wiper motor
CHG12	ETC motor & Throttle position sensor	CHG51	Head lamp RH
CHG13	Camshaft position sensor	CHG53	Stop lamp switch
CHG14	Crankshaft position sensor	CHG54	Back up lamp switch (M/T)
CHG15-1	Ignition coil #1(With IMMO.)	CHG55	Front wheel sensor RH
CHG15-2	Ignition coil #2(With IMMO.)	CHG56	Yaw rate sensor
CHG15-3	Ignition coil #3(With IMMO.)	CHG57	Side repeater lamp RH
CHG15-4	Ignition coil #4(With IMMO.)	CHG58	Windshield defogger
CHG16	Oxygen sensor (Up)	CHG59	Head lamp leveling actuator RH
CHG18-1	Ignition coil #1	CHG60	Accel pedal position sensor
CHG18-2	Ignition coil #2	CHG61	Oil pressure switch
CHG18-3	Ignition coil #3	CHG62	Cruise clutch pedal position switch
CHG18-4	Ignition coil #4	CHG-A	PCM
CHG19	Condenser	CHG-K	PCM
CHG21	Purge control solenoid valve	E/R-CHG1	EMS box
CHG22	Oxygen sensor (Down)	E/R-CHG2	EMS box
CHG23	Knock sensor	EC11	Connection with FRONT harness
CHG24-1	Injector #1	FC11	Connection with FLOOR harness
CHG24-2	Injector #2	MC12	Connection with MAIN harness
CHG24-3	Injector #3	MC22	Connection with MAIN harness
CHG24-4	Injector #4	GHG11	Ground
CHG25	Map sensor	GHG12	Ground
CHG28	A/C compressor	GHG13	Ground
CHG29	Ignition lock switch	GHG14	Ground
CHG30	Power steering switch	GHG15	Ground
CHG31	Vehicle speed sensor (M/T)	GHG16	Ground
CHG32	Front wheel sensor RH (W/O ABS/ESP)		
CHG41	ABS control module		
CHG42	ESP control module		

DOOR HARNESS E66B434F

Door Harness (1)

HL-13



DRIVER DOOR HARNESS

- D01 Power window main switch (LHD)
- D01R Power window main switch (RHD)
- D02 Front power window motor LH
- D03 Safety power window module
- D04 Driver door speaker
- D05 Driver tweeter speaker
- D07 Driver door lock actuator (LHD)
- D08 Driver door lock actuator (RHD)
- D10 Driver power outside mirror
- D11 Power outside mirror switch
- D12 Safety power window main switch
- D13 Driver smart key outside handle
- JD01 Joint connector
- FD12 Connection with FLOOR harness

PASSENGER DOOR HARNESS

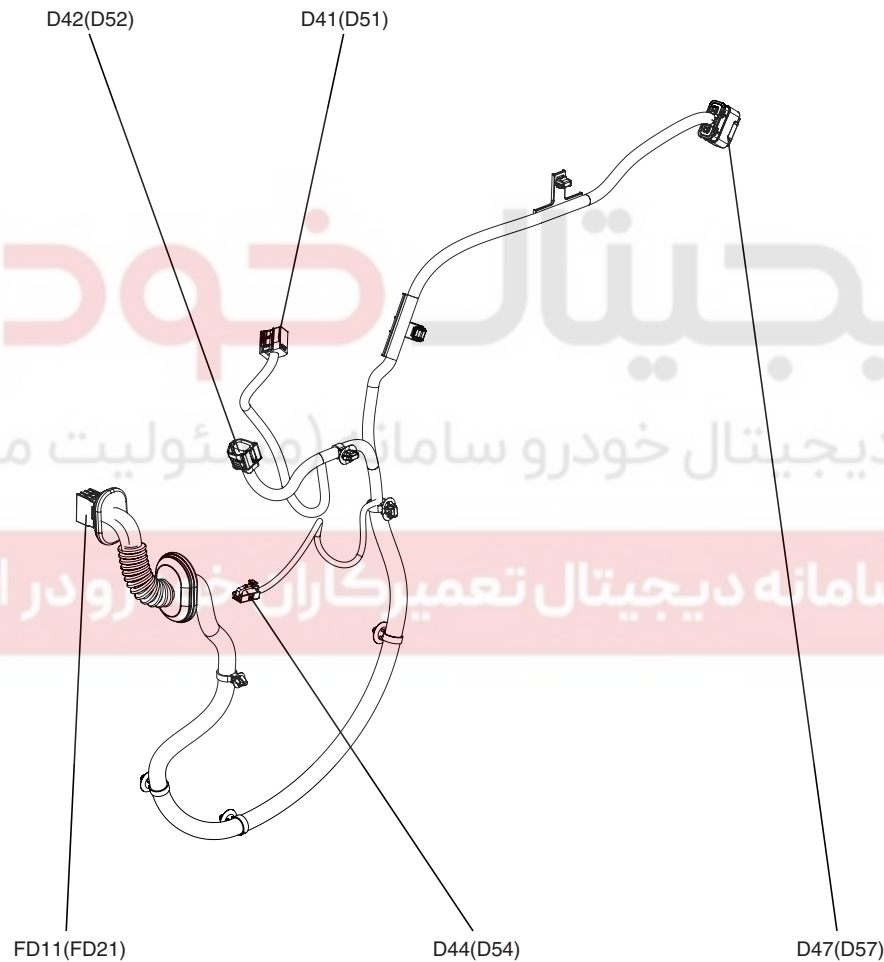
- D21 Passenger power window switch
- D22 Passenger power window motor
- D24 Passenger door speaker
- D25 Passenger tweeter speaker
- D27 Passenger door lock actuator (LHD)
- D28 Passenger door lock actuator (RHD)
- D30 Passenger power outside mirror
- D33 Passenger smart key outside handle
- FD22 Connection with FLOOR harness

(): RH
[]: RHD

DOOR HARNESS

Door Harness (2)

HL-14



REAR DOOR LH HARNESS

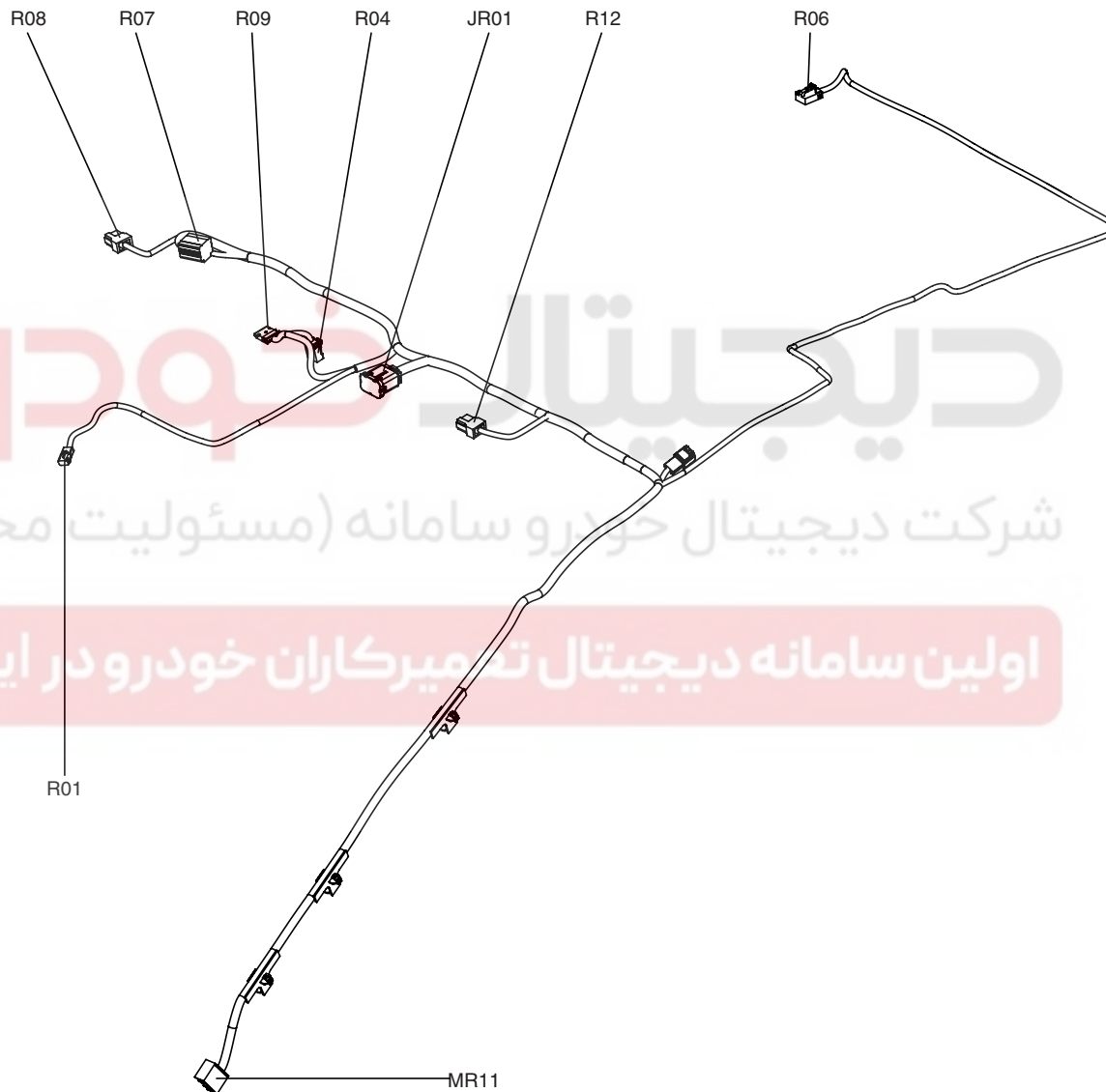
- D41 Rear power window switch LH
- D42 Rear power window motor LH
- D44 Rear door speaker LH
- D47 Rear door lock actuator LH
- FD11 Connection with FLOOR harness

REAR DOOR RH HARNESS

- D51 Rear power window switch RH
- D52 Rear power window motor RH
- D54 Rear door speaker RH
- D57 Rear door lock actuator RH
- FD21 Connection with FLOOR harness

(): RH

ROOF HARNESS EF455E6F

Roof Harness (1)
HL-15

ROOF HARNESS

- R01 Electro chromic mirror
- R04 Map lamp
- R06 Room lamp
- R07 Sunroof control module
- R08 Vanity lamp RH
- R09 Sunroof switch
- R12 Vanity lamp LH
- JR01 Joint connector
- MR11 Connection with MAIN harness

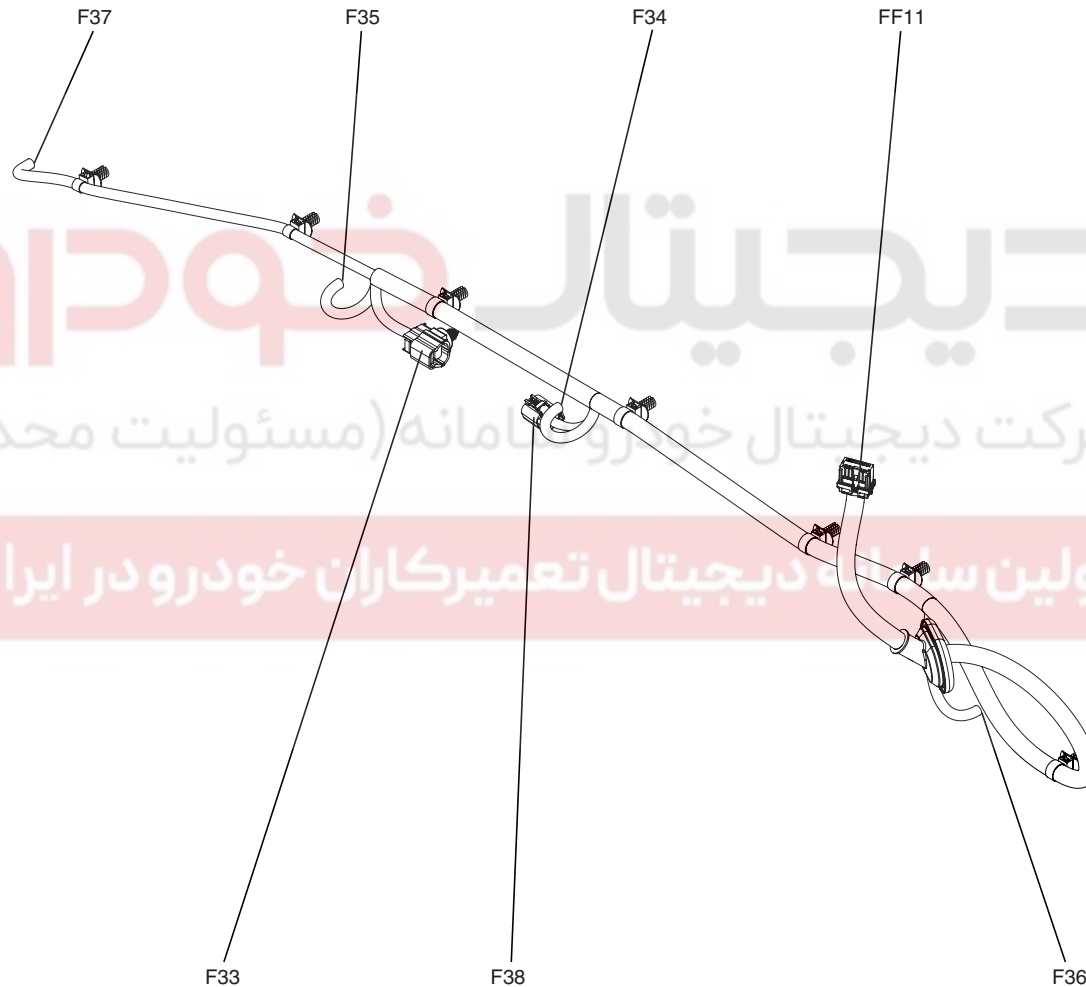
REAR HTD(-) HARNESS

- R29 Rear defogger(-)
- GR21 Ground

BWS EXT. HARNESS EBE738B

BWS EXT. Harness (1)

HL-16



BWS EXT. HARNESS

F33	Smart key antenna (BUMPER)
F34	Rear parking assist sensor LH
F35	Rear parking assist sensor RH
F36	Rear parking assist sensor side LH
F37	Rear parking assist sensor side RH
F38	License lamp (2DR) (With rear parking assist)
FF11	Connection with FLOOR harness