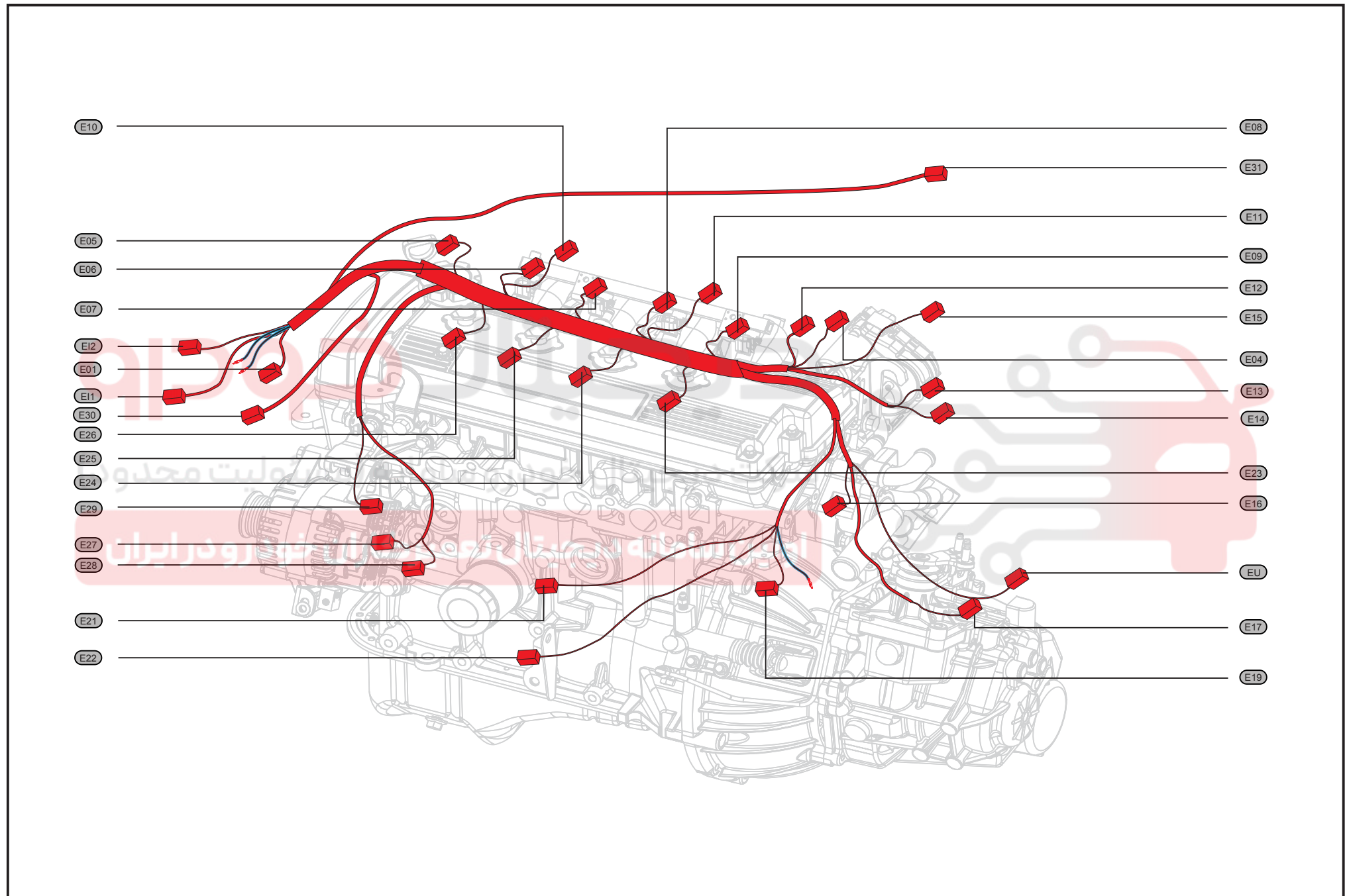
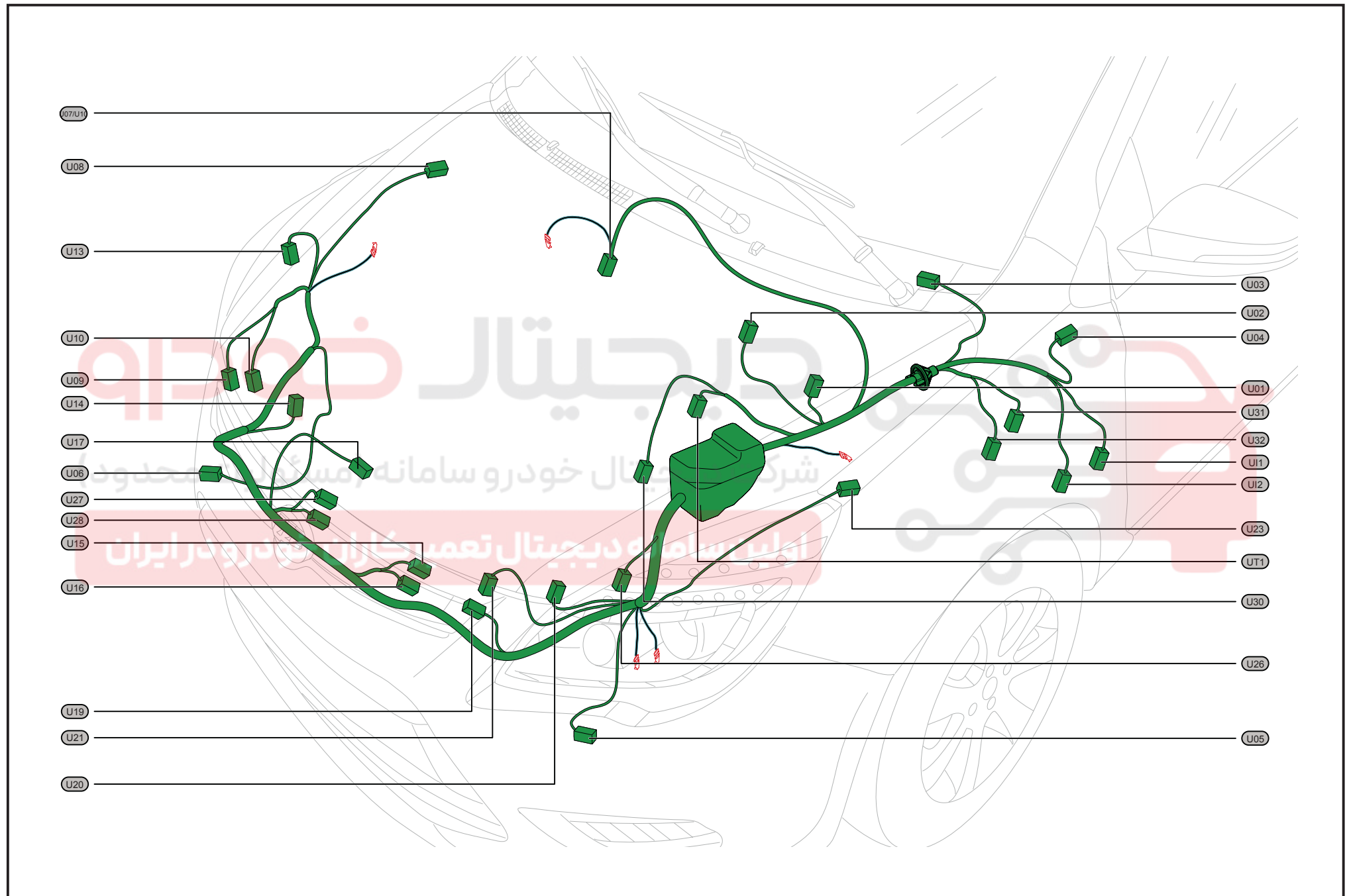


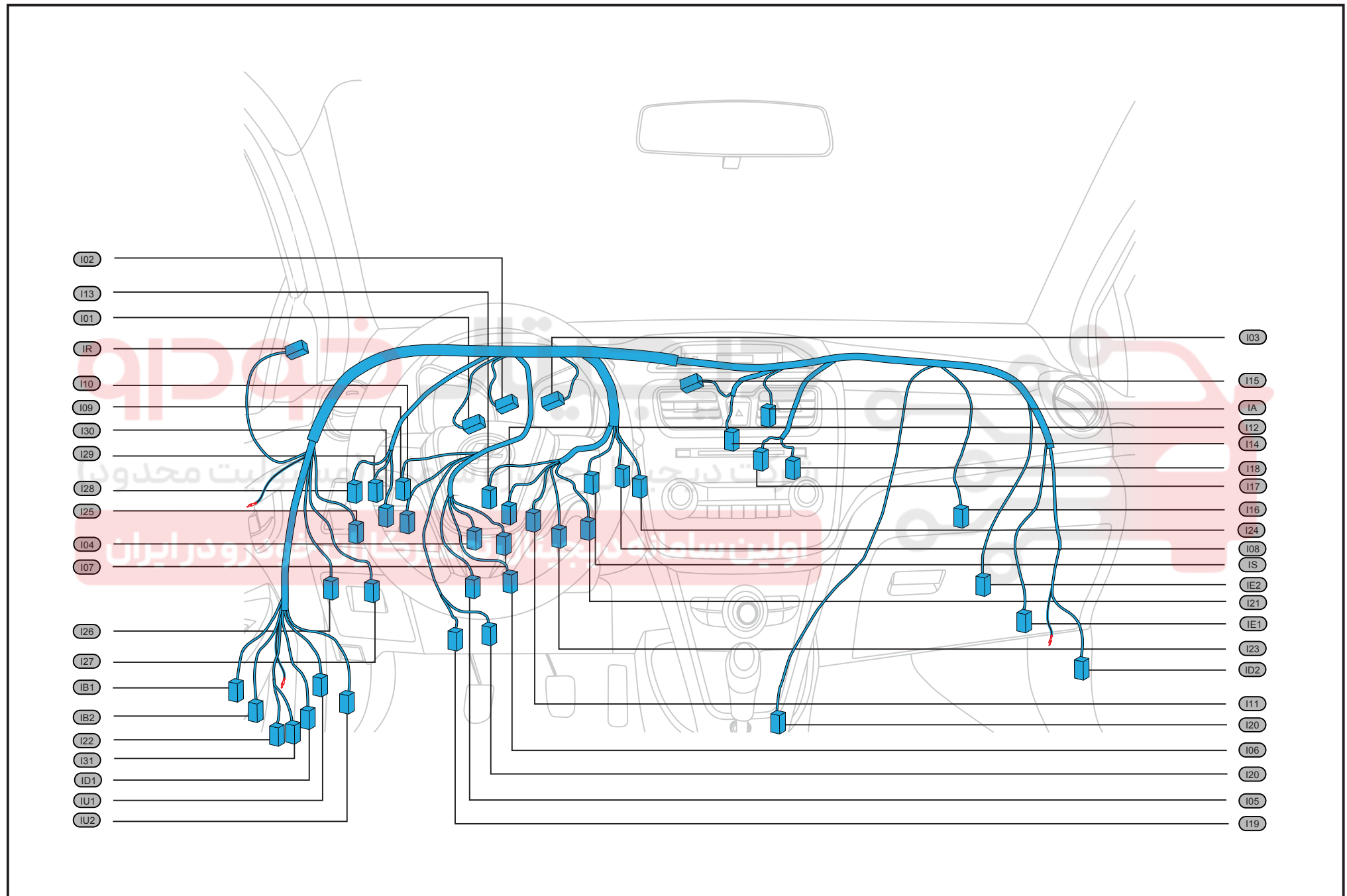
Engine Harness Connector Location View

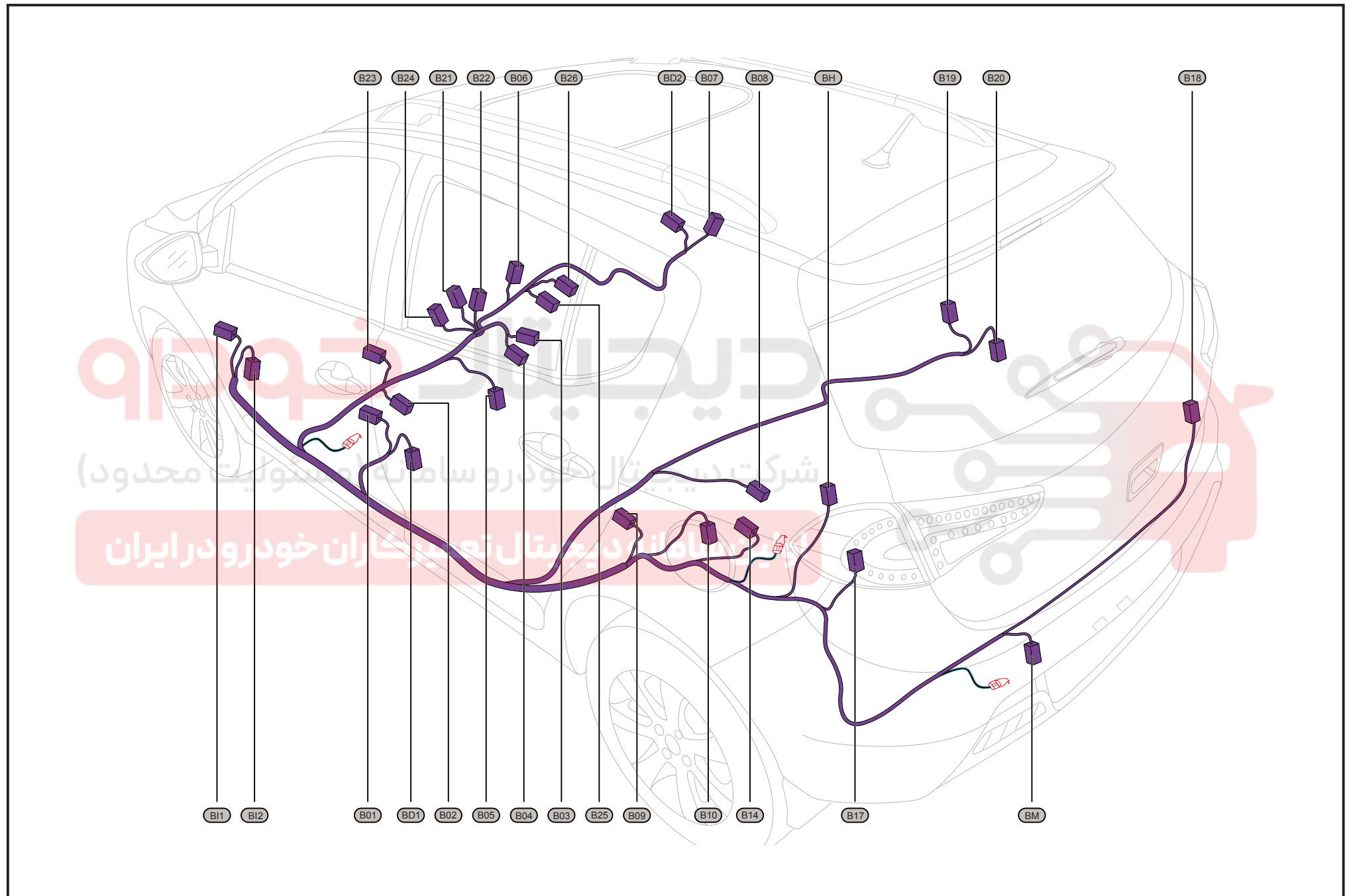


Engine Compartment Harness Connector Location View



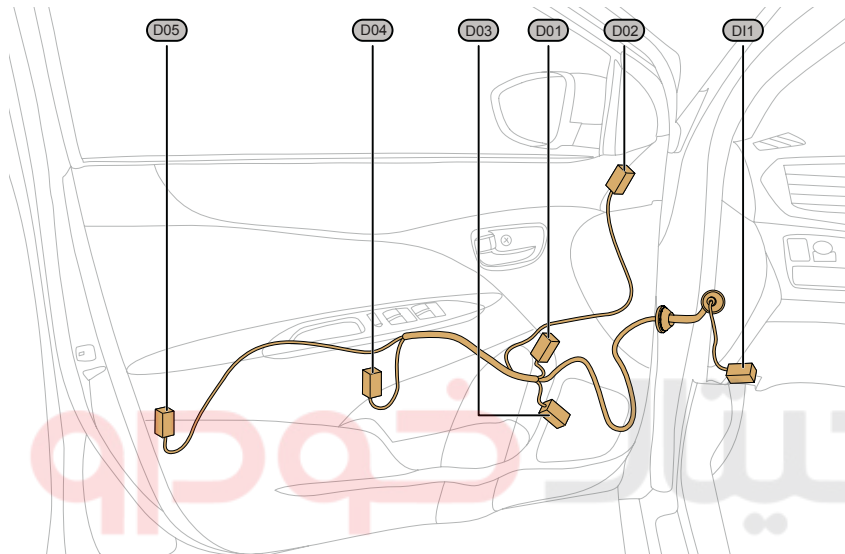
IP Harness Connector Location View



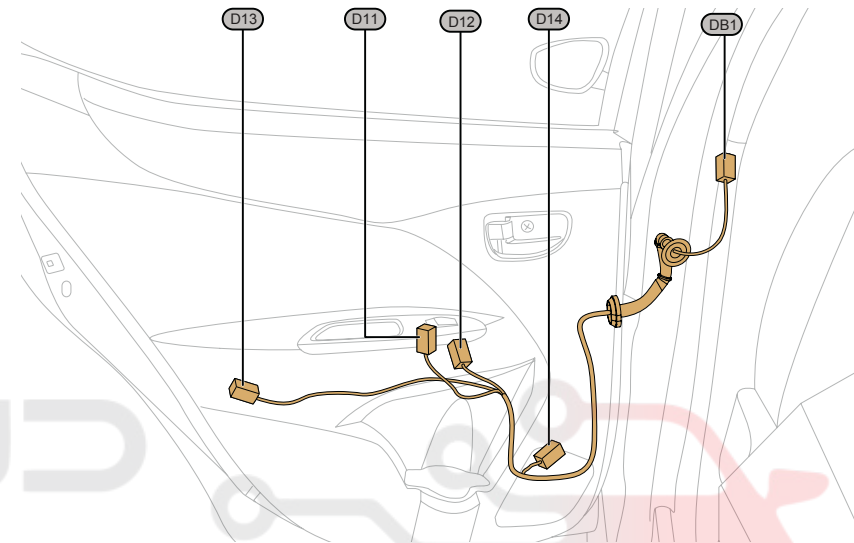


Door Harness Connector Location View

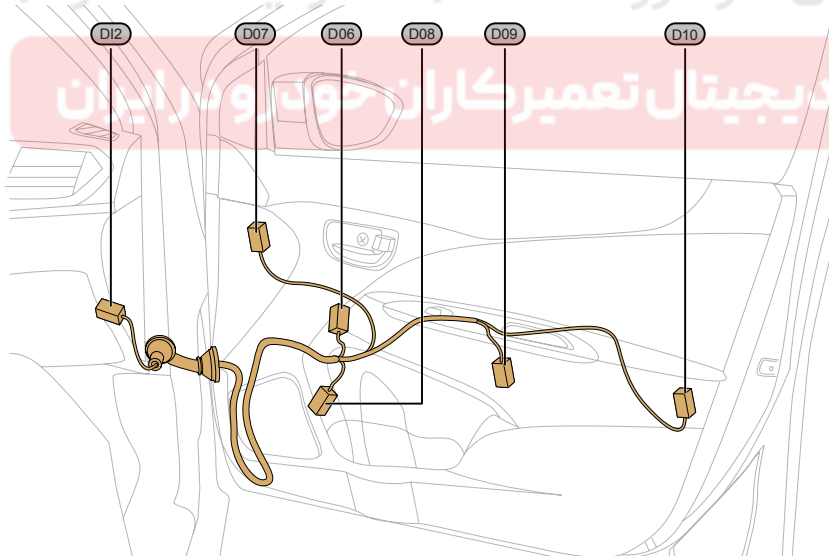
LF Door Harness



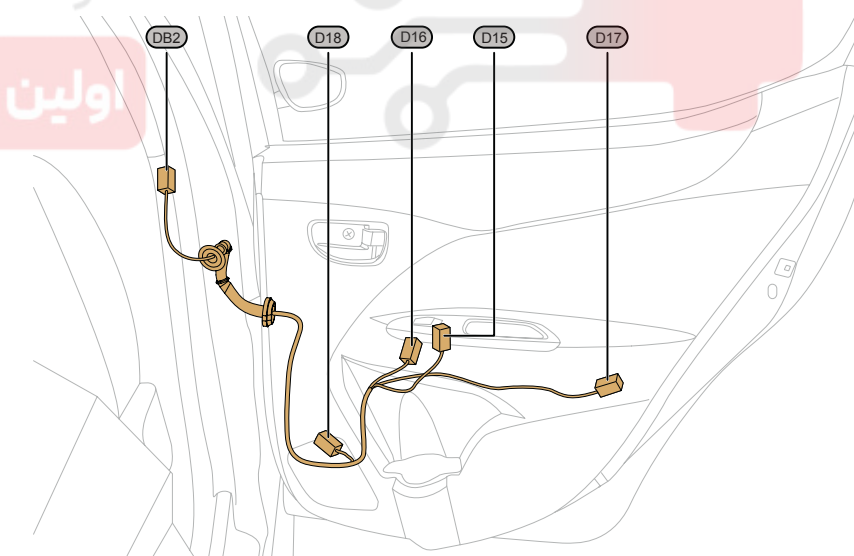
LR Door Harness



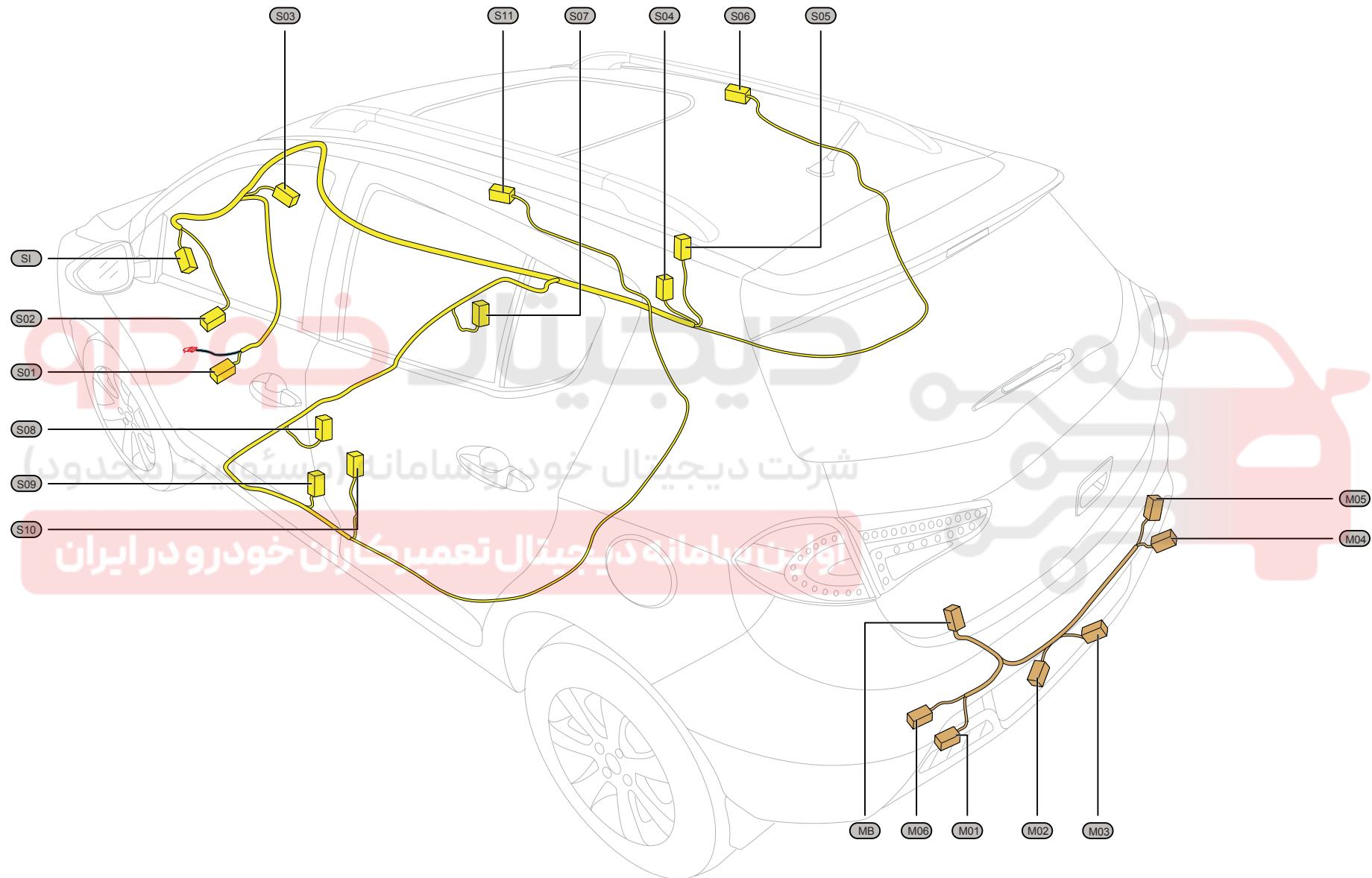
RF Door Harness



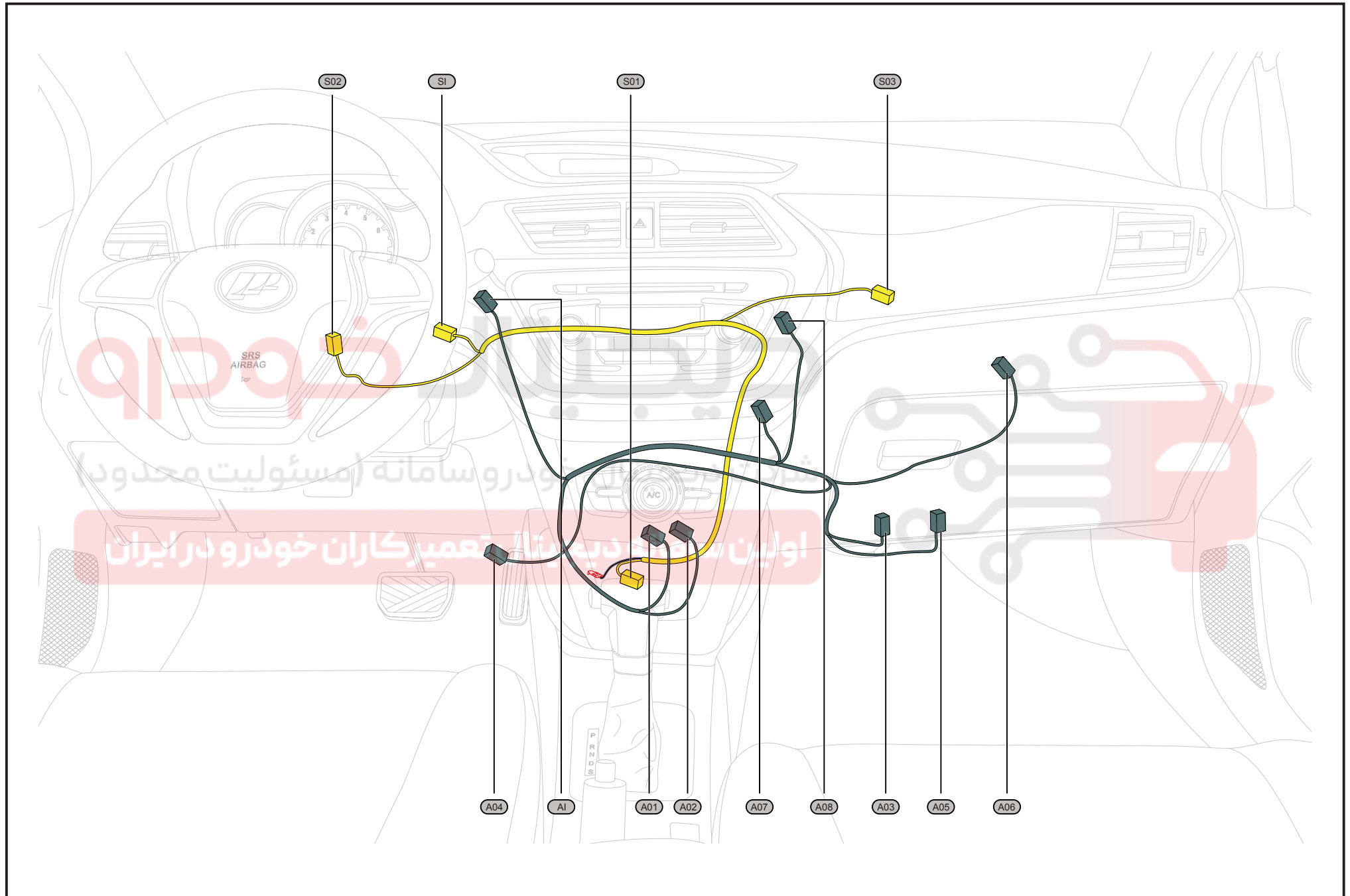
RR Door Harness



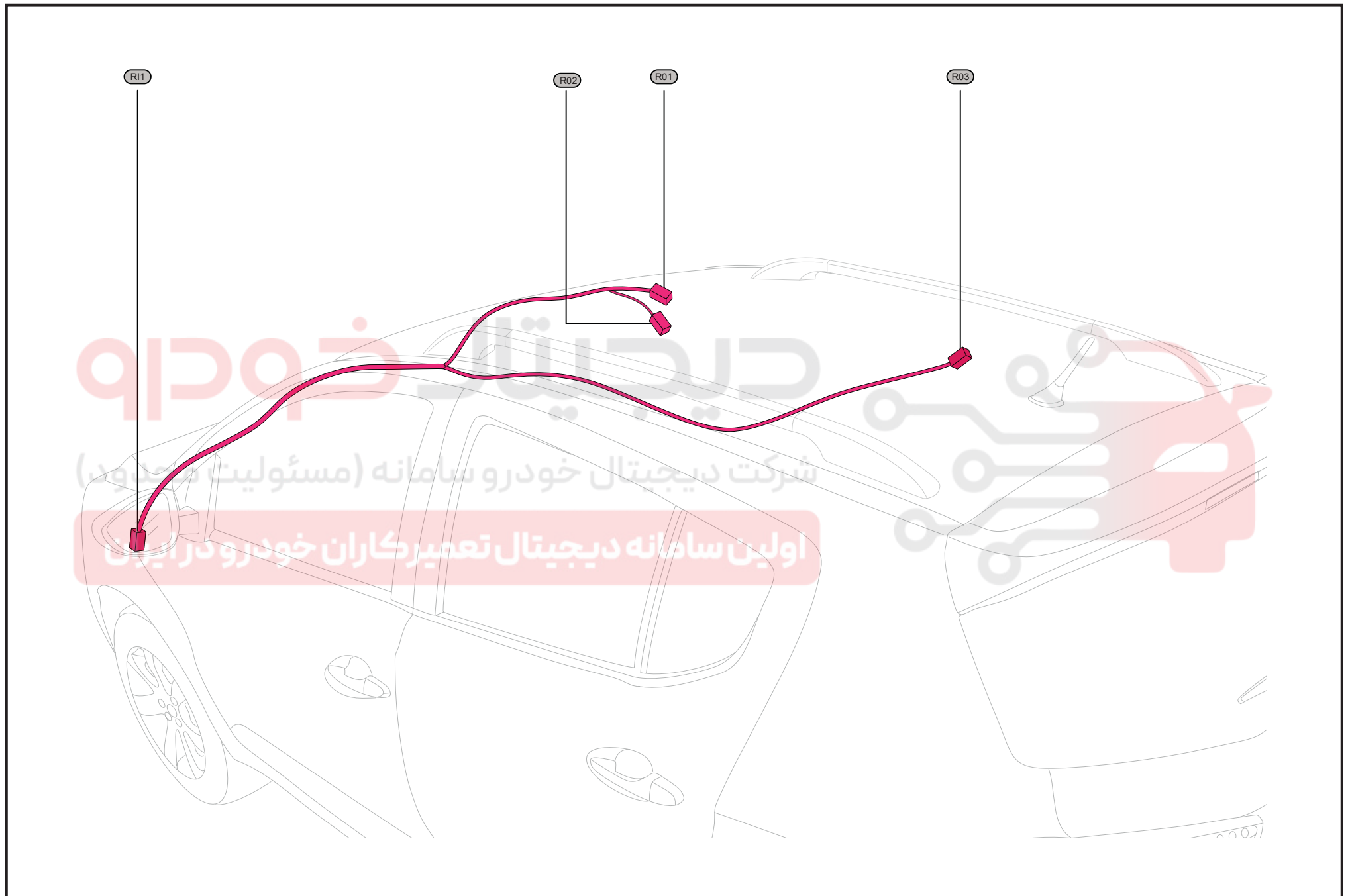
Airbag (8 Return Circuit) and Rear Bump Harness Connector Location View



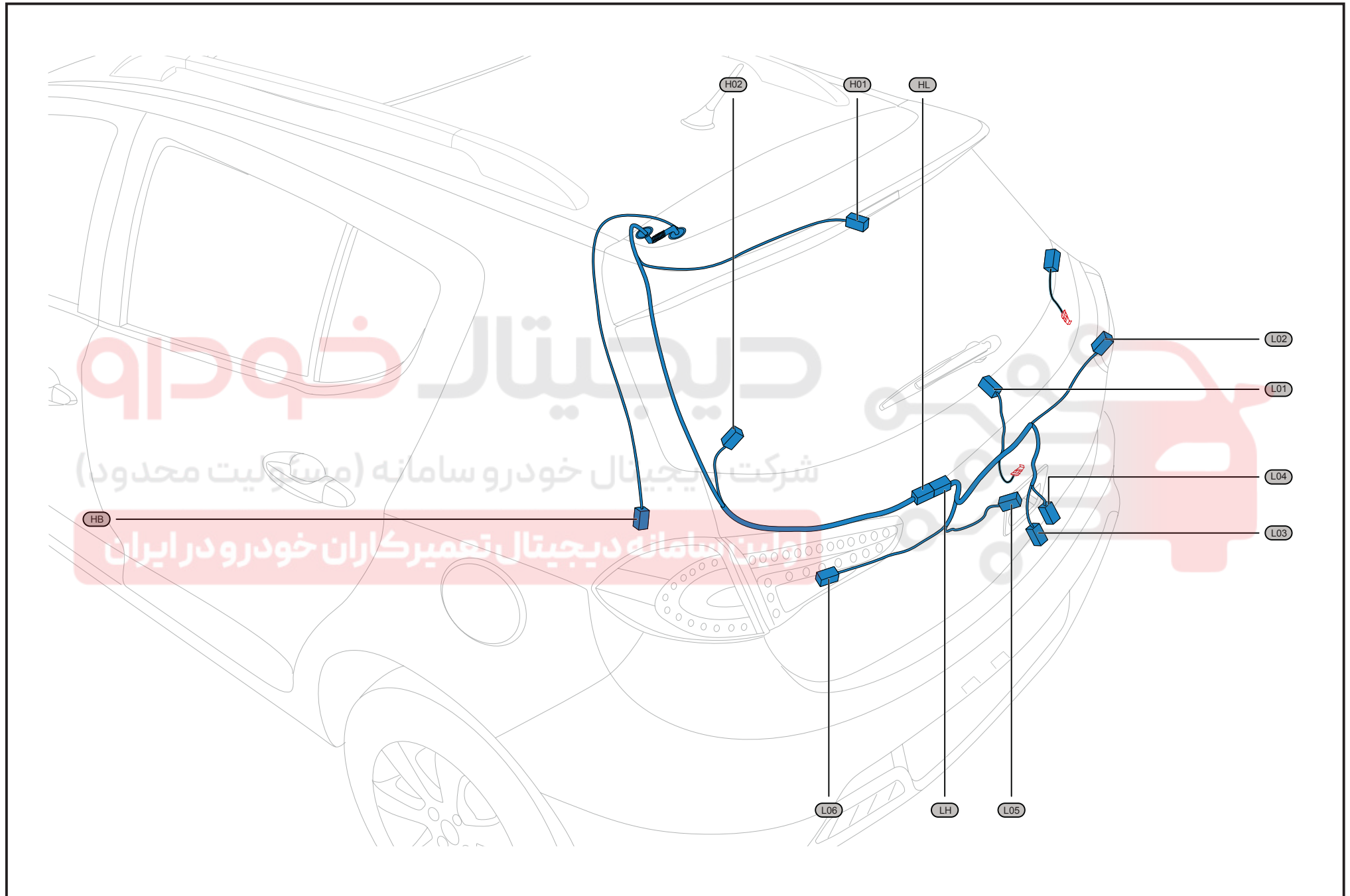
AC and Airbag(2 Return Circuit) Harness Connector Location View



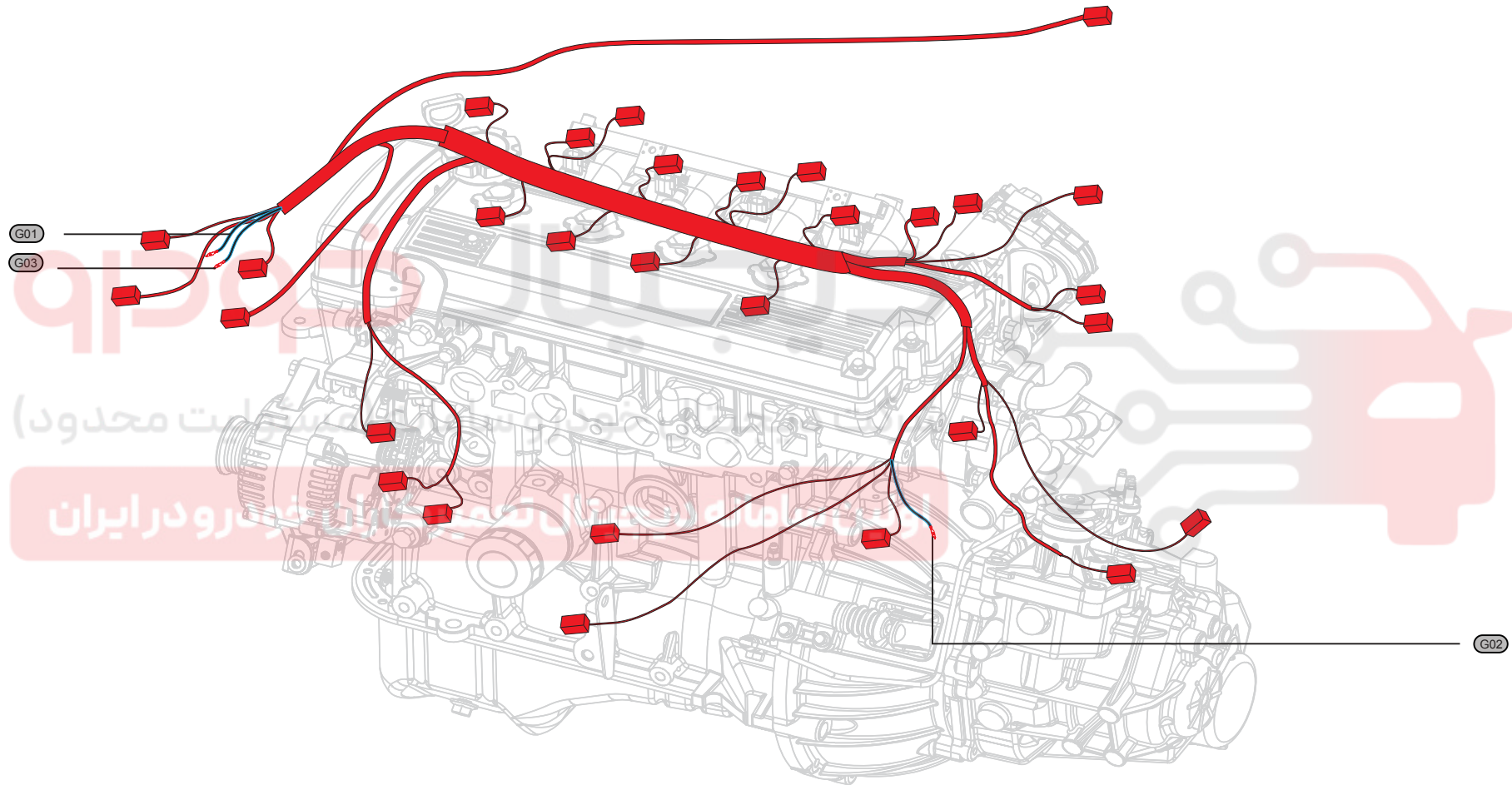
Roof Harness Connector Location View



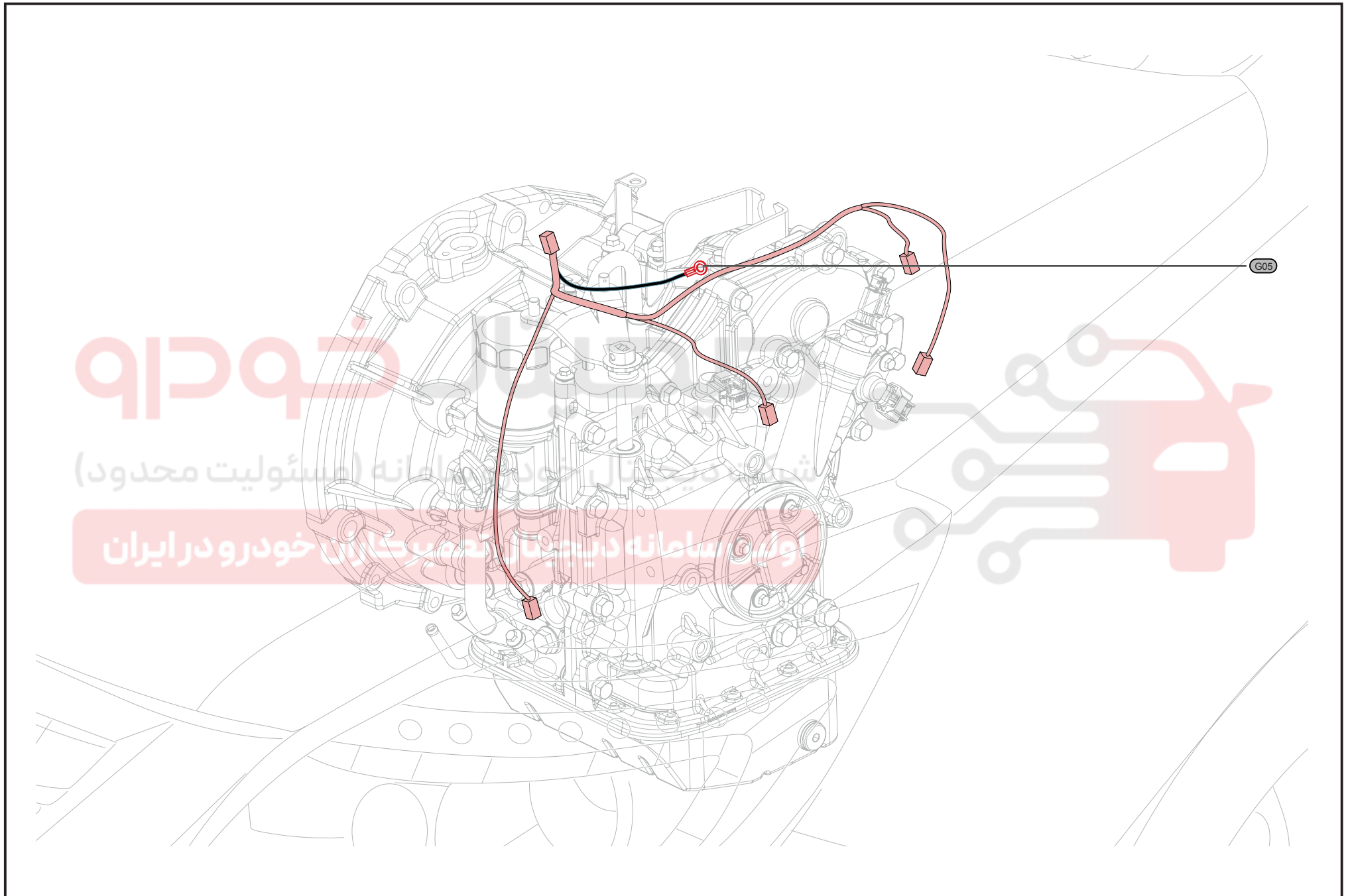
Tail Gate Harness Connector Location View



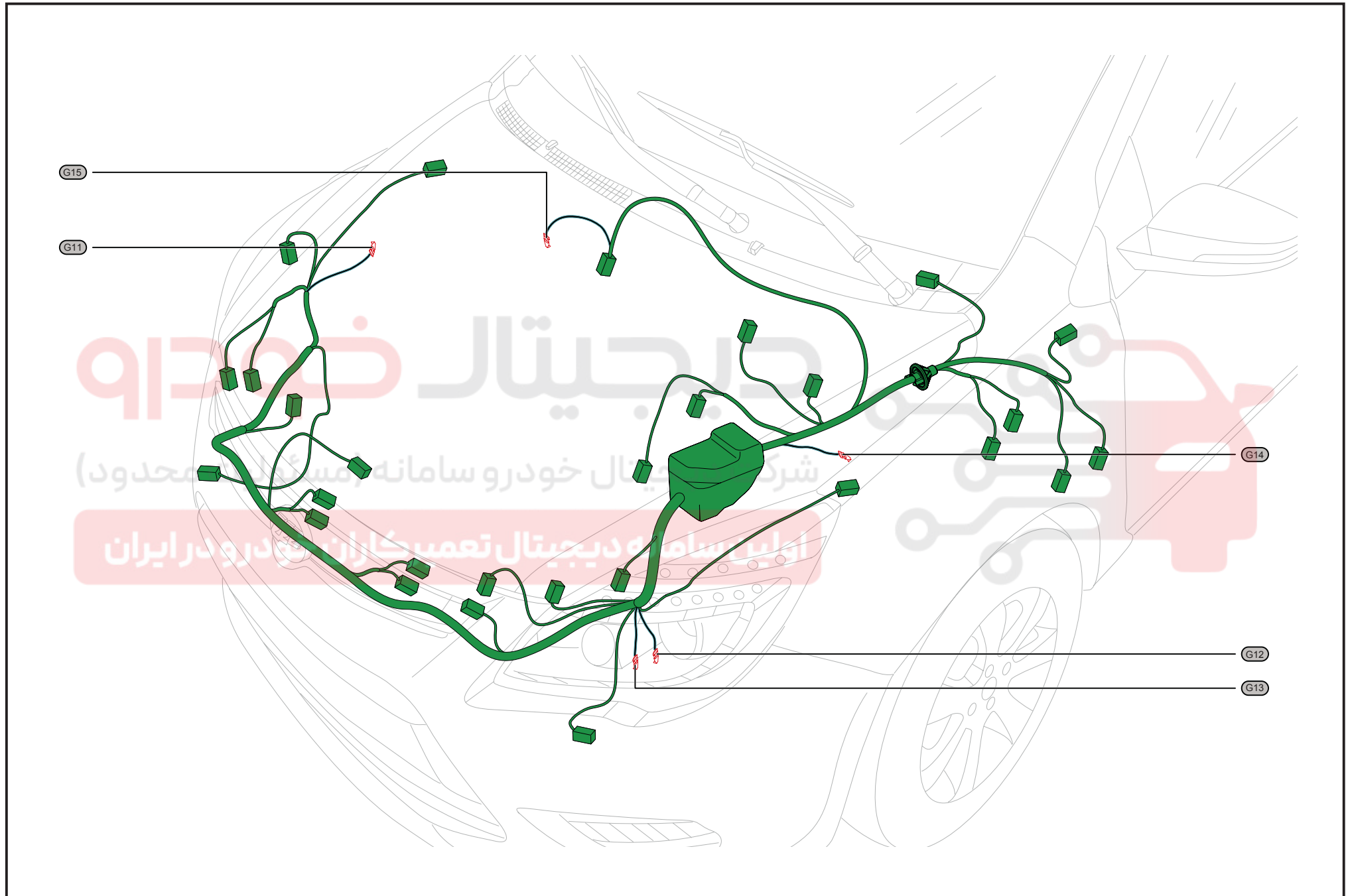
Ground Point Location View-G01-G02-G03



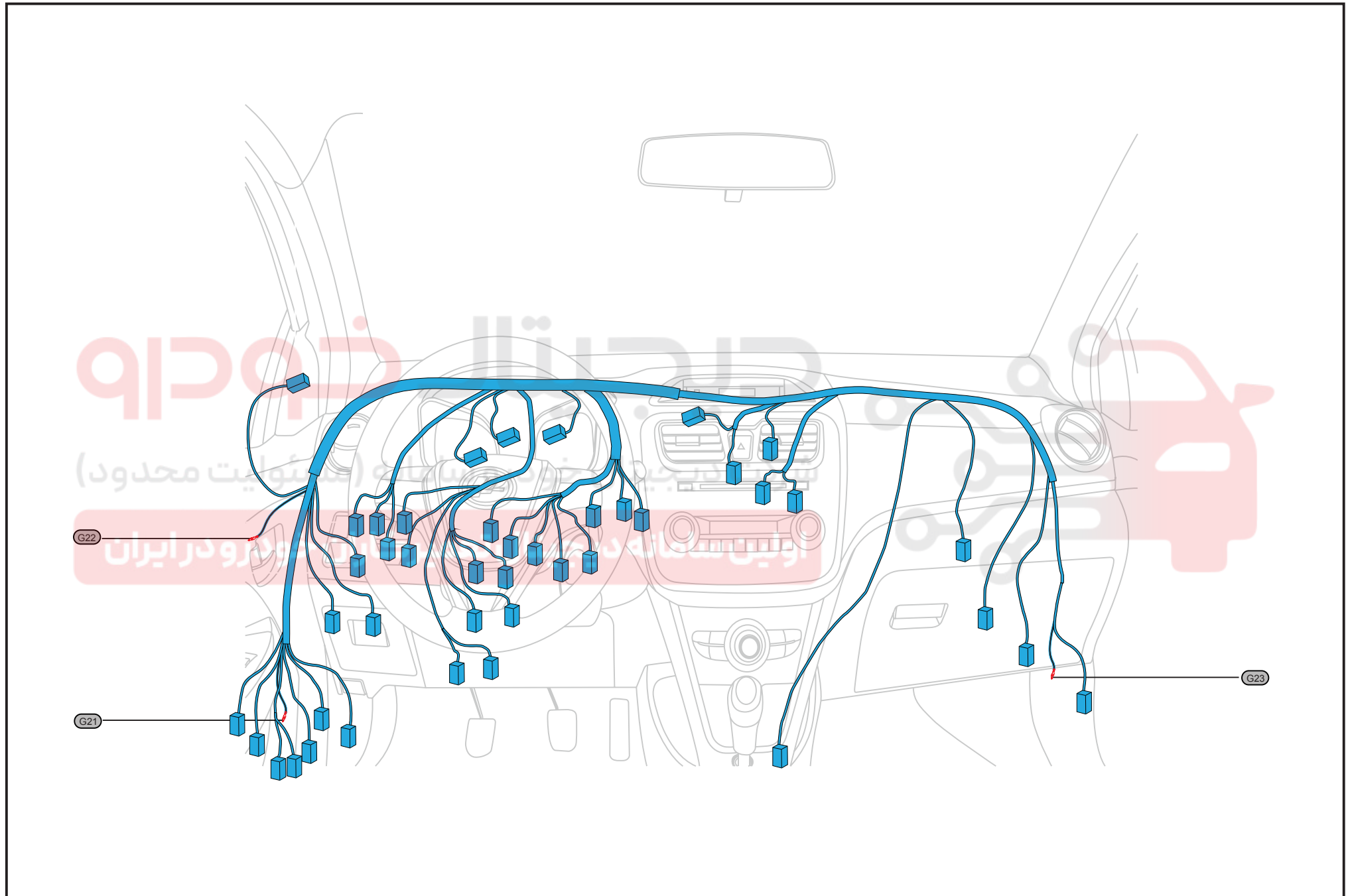
Ground Point Location View-G05



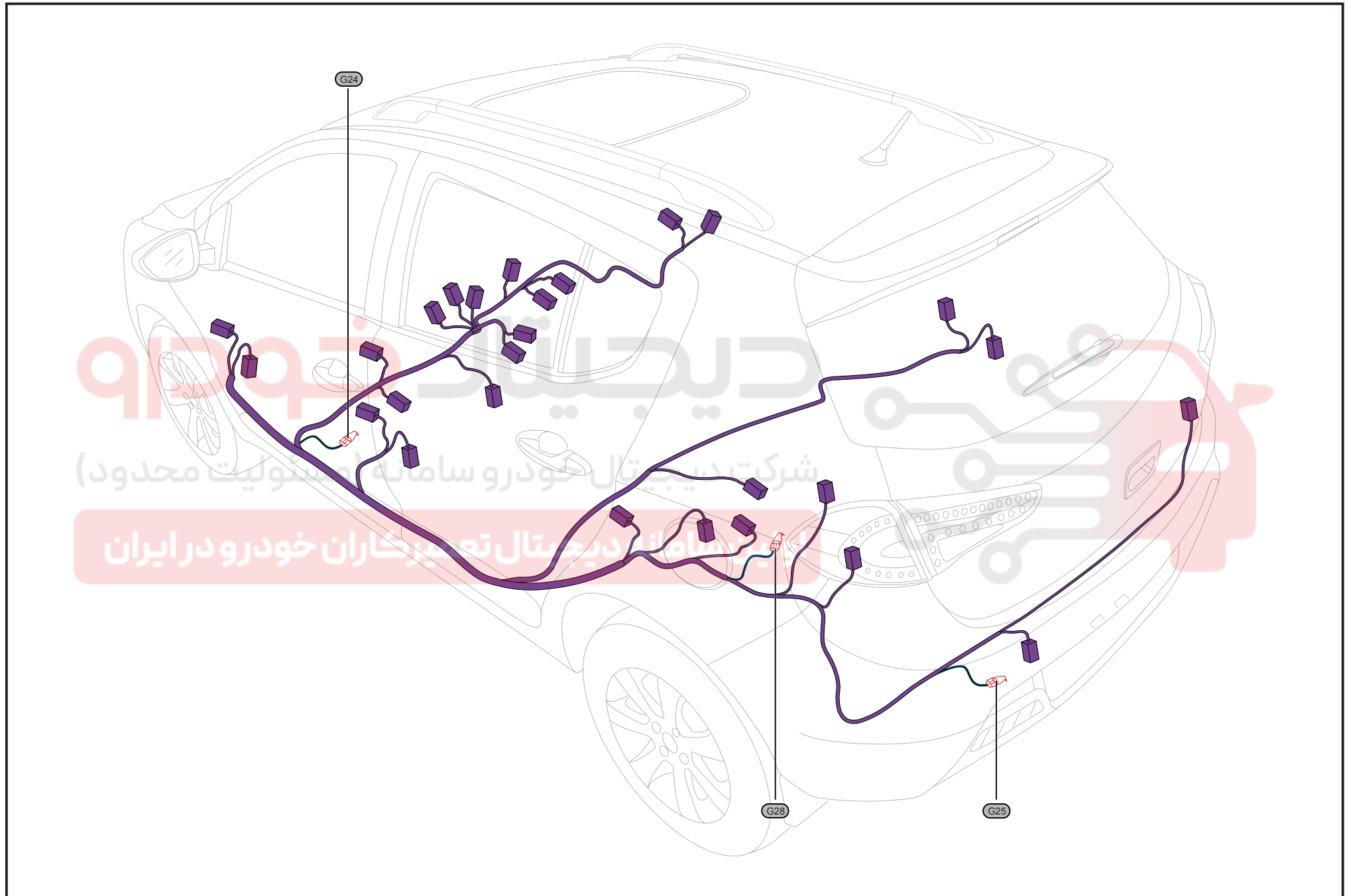
Ground Point Location View-G11-G12-G13-G14-G15



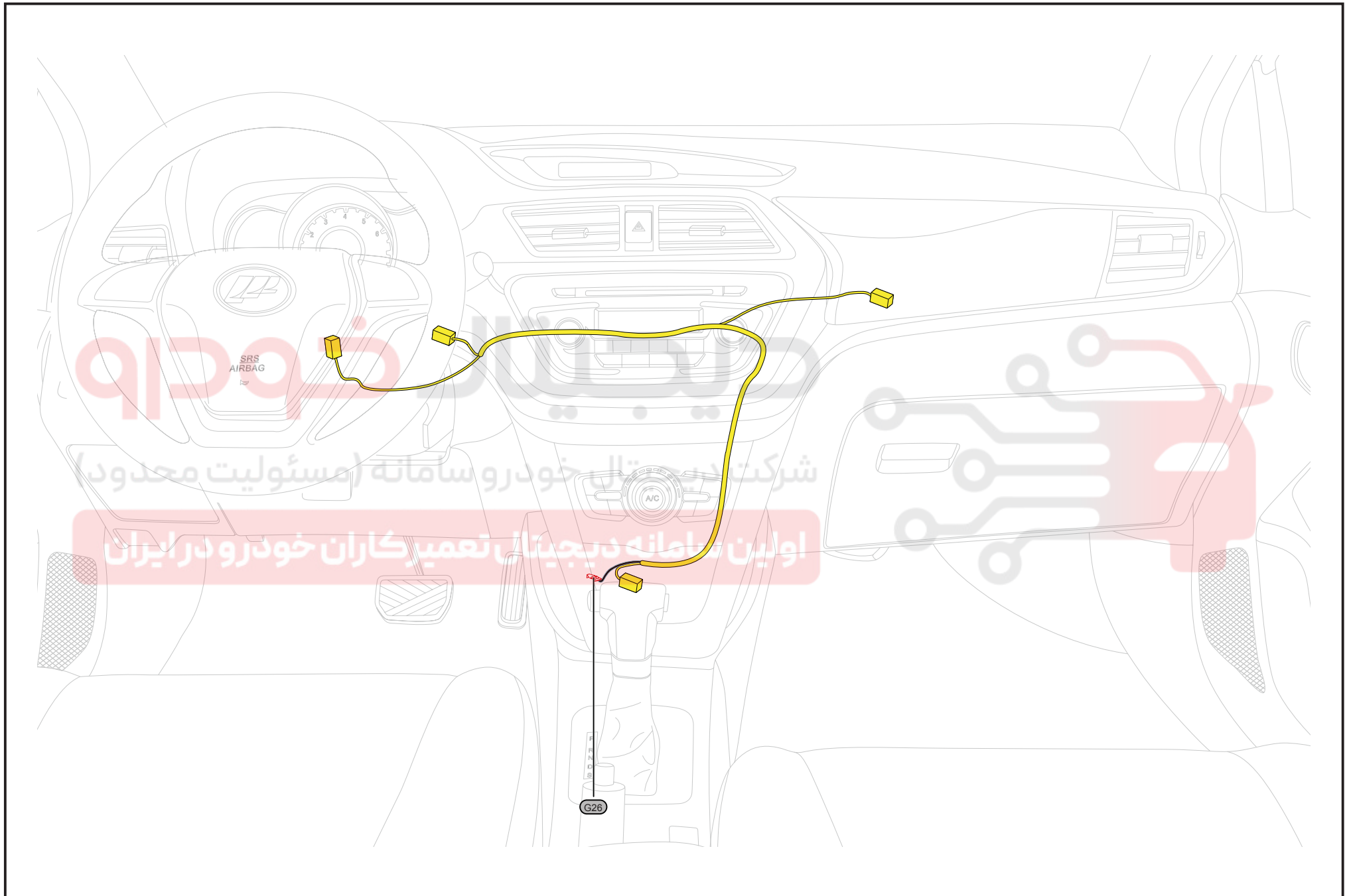
Ground Point Location View-G21-G22-G23



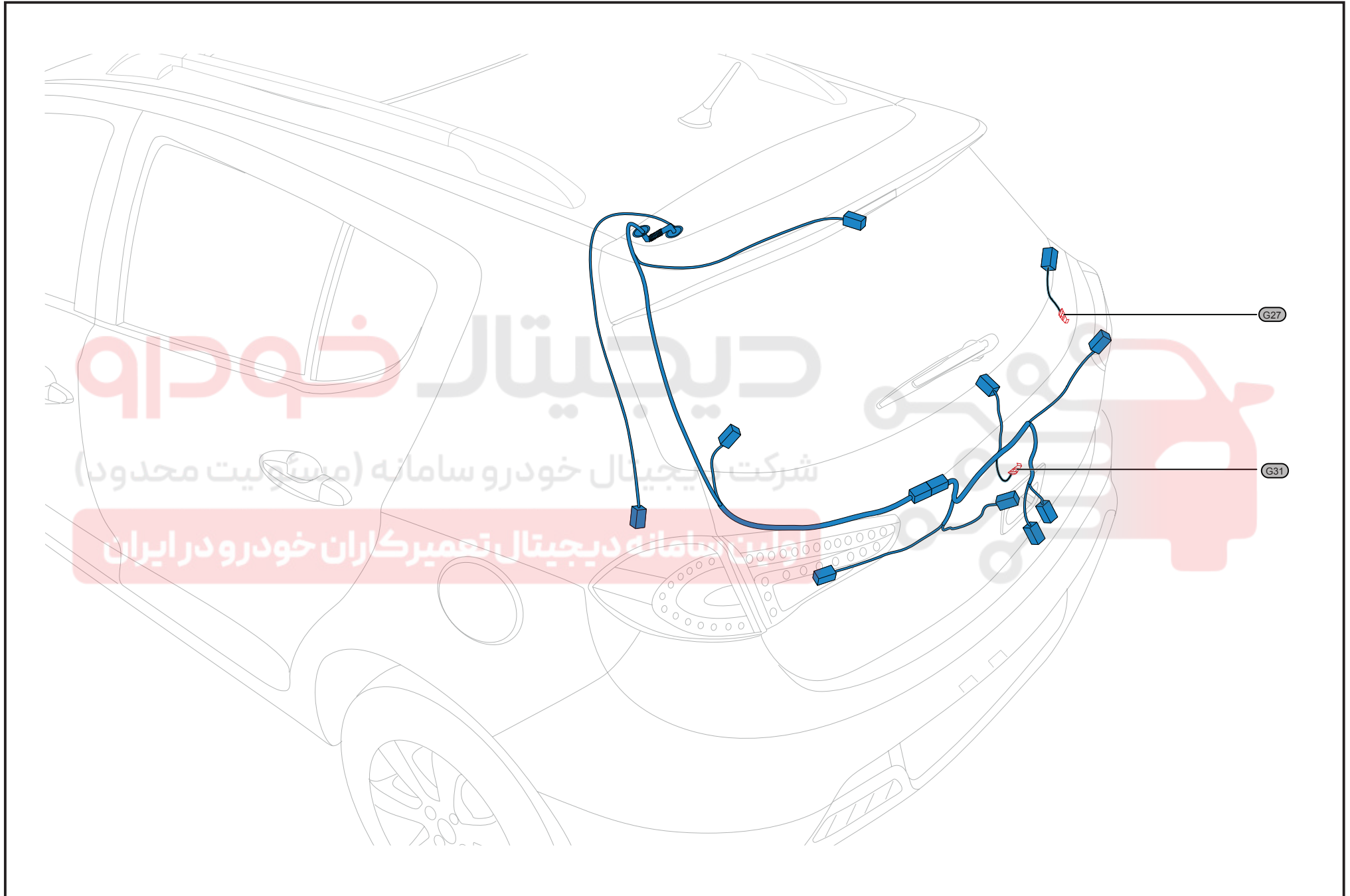
Ground Point Location View-G24-G25-G28



Ground Point Location View-G26



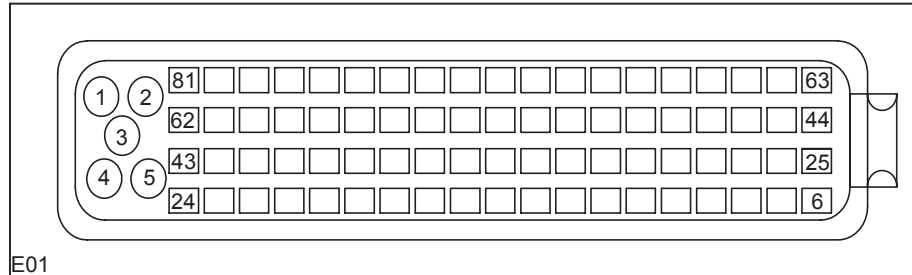
Ground Point Location View-G27-G31



Harness Connector View

Engine Harness Connector (E--)

ECU Connector



E01

E01 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 V	NO.2 cylinder ignition coil control
2	2.00 G	NO.3 cylinder ignition coil control
3	3.00 B	Ground
4	2.00 Br	NO.4 cylinder ignition coil control
5	2.00 R/B	NO.1 cylinder ignition coil control
6	0.85 R/W	NO.2 cylinder injector control
7	0.85 Br/W	NO.3 cylinder injector control
8	0.50 W/B	Engine speed output signal
9	0.50 G/B	Engine coolant temperature indicator signal
10	0.50 P	Instantaneous fuel consumption output
11	0.50 W/Y	SVS fault indicator
12	0.85 R	Battery power
13	1.25 B/W	IG1 power
13	1.25 BI/W	IG1 power(PEPS)
14	0.85 Y	Main relay control
15	0.50 P/BI	CKP signal +
16	0.50 R/Y	APP control
17	0.50 B/BI	GND
18	0.85 O/Y	Front oxygen sensor signal
19	0.50 G/B	Knock sensor signal +
20	0.50 G	Knock sensor signal -
21	0.50 G/Gr	Brake lamp switch status signal
22	0.50 V/R	A/C pressure switch control
23		NC
24		NC
25		NC
26	0.85 G/Y	Front oxygen sensor heating signal
27	0.85 BI/V	NO.1 cylinder injector control
28	0.85 G/R	Rear oxygen sensor heating signal
29	0.50 G/Gr	Brake switch status signal
30	0.50 R/B	Up shift indicator

Engine Harness Connector (E--)

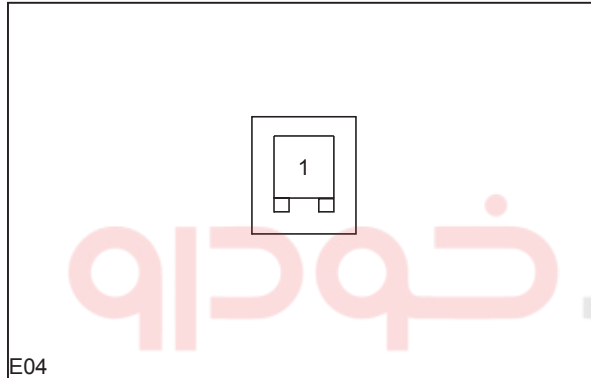
32	0.50 R/B	Power
33	0.50 O/BI	Power
34	0.50 G/W	CKP signal -
35	0.50 Br/R	GND
36	0.50 Br/B	GND
37	0.50 P/Br	IAT signal
38	0.50 Y/G	ETC signal
39	0.50 Y/B	Coolant temperature sensor signal
40	0.50 Br/V	APP signal
41		NC
42	0.50 BI	IAT signal
43		NC
44	0.85 BI/R	Main relay power
45	0.85 BI/R	Main relay power
46	0.85 Gr/BI	Canister solenoid GND
47	0.85 B/G	NO.4 cylinder injector control signal
48	0.85 Gr/Y	GND
49	0.50 R/Y	Down shift indicator
50	0.50 W/B	Low speed fan control
51	0.85 B	Ground
52		NC
53	0.85 B	Ground
54	0.50 W/P	signal
55	0.85 Gr	Rear oxygen sensor signal
56		NC
57	0.50 BI/Y	Headlamp open signal
58	0.50 G/W	Brake switch status signal
59	0.50 V/W	Vehicle speed signal input
60	0.50 G/V	A/C pressor switch signal
61	0.85 B	Ground
62	0.50 G/Y	CAN-L
62	0.50 W/R	CAN-H(PEPS)
63	0.85 BI/R	Main relay power
64	0.50 P/B	Power +
65	0.50 P/B	Power +
66	0.50 Y	Power -
67	0.50 Y	Power -
68	0.85 W/R	High speed fan control
69	0.85 W/BI	Fuel pump relay control
70	0.50 W/Y	A/C compressor control
71	0.50 P/G	K-line
72		NC
73		NC
74	0.50 B/W	Clutch switch signal
75		NC
76		NC

Harness Connector View

Engine Harness Connector (E--)

Pin Number	Wire Width / Color	Function
77	0.50 BI/G	Power steering switch singal
78	0.50 V	GND
79	0.50 G/W	CMP signal
80	0.85 B	Ground
81	0.50 G/B	CAN-H
81	0.50 W/B	CAN-L(PEPS)

Power Steering Switch Connector

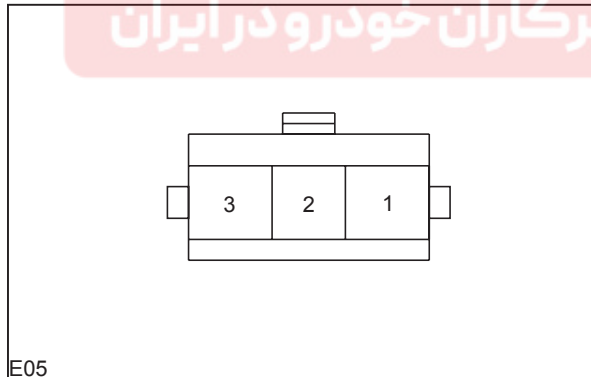


E04

E04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/G	Power steering switch signal

Camshaft Position Sensor Connector



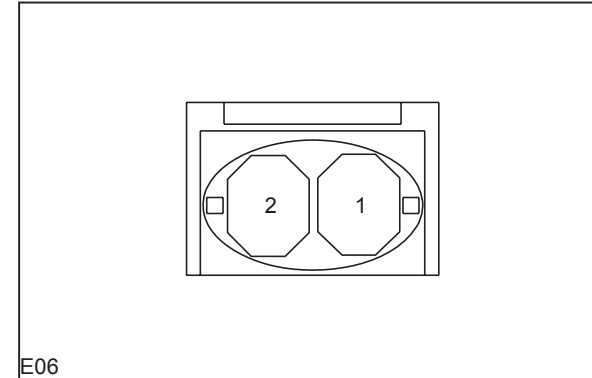
E05

E05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/B	Power
2	0.50 G/W	CMP signal
3	0.50 Br/B	GND

Engine Harness Connector (E--)

NO 1 Cylinder Injector Connector

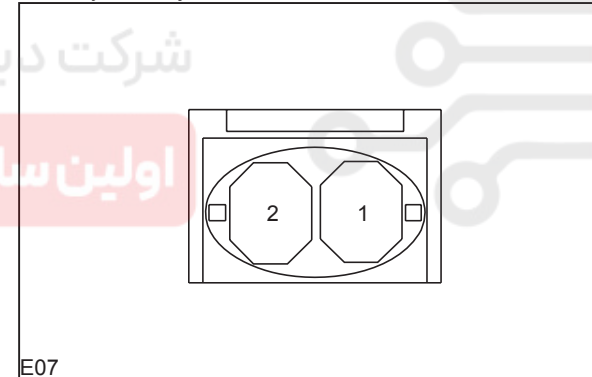


E06

E06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/V	NO.1 cylinder injector control
2	0.85 BI/R	Main relay power

NO 2 Cylinder Injector Connector



E07

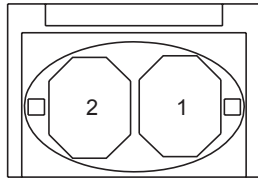
E07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R/W	NO.2 cylinder injector control
2	0.85 BI/R	Main relay power

Harness Connector View

Engine Harness Connector (E--)

NO 3 Cylinder Injector Connector

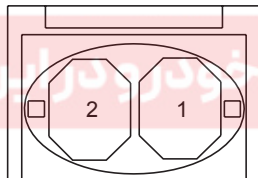


E08

E08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Br/W	NO.3 cylinder injector control
2	0.85 BI/R	Main relay power

NO 4 Cylinder Injector Connector



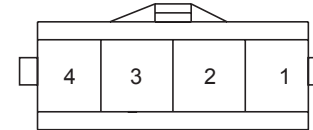
E09

E09 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B/G	NO.4 cylinder injector control
2	0.85 BI/R	Main relay power

Engine Harness Connector (E--)

Intake Temperature/Pressure Sensor Connector

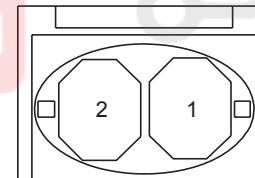


E10

E10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 P/Br	MAP signal
2	0.50 O/BI	Power
3	0.50 BI	IAT signal
4	0.50 B/BI	GND

Canister solenoid Valve Connector



E11

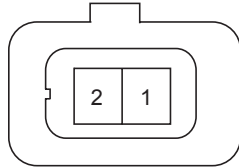
E11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr/BI	Signal
2	0.85 BI/R	Main relay power

Harness Connector View

Engine Harness Connector (E--)

Intake VVT Valve Connector

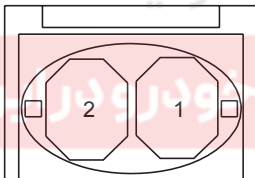


E12

E12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr/Y	Signal
2	0.85 Bl/R	Main relay power

Knock Sensor Connector



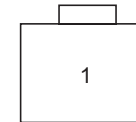
E13

E13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/B	Knock sensor signal +
2	0.50 G	Knock sensor signal -

Engine Harness Connector (E--)

Starter Connector

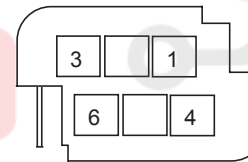


E14

E14 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 B/Y	Start power

Electronic Throttle Valve Connector



E15

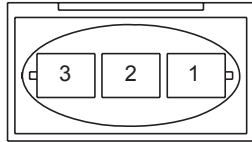
E15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 P/B	Power +
2	0.50 Y/G	TPS signal
3	0.50 W/P	TPS signal
4	0.50 Y	Power -
5	0.50 V	GND
6	0.50 R/B	Power

Harness Connector View

Engine Harness Connector (E--)

Coolant Temperature Sensor Connector

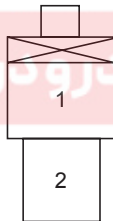


E16

E16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/BI	GND
2		NC
3	0.50 Y/B	Coolant temperature sensor signal

Reverse Lamp Switch Connector



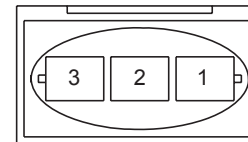
E17

E17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/BI	Reverse lamp switch power
2	0.50 G/P	Reverse lamp power

Engine Harness Connector (E--)

Crankshaft Position Sensor Connector

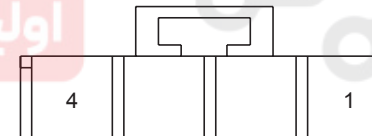


E19

E19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 G/W	CKP signal -
3	0.50 P/BI	CKP signal +

Rear Oxygen Sensor Connector



E21

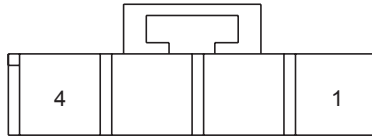
E21 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Rear oxygen sensor power
2	0.85 G/R	Rear oxygen sensor heating signal
3	0.85 Gr	Rear oxygen sensor signal -
4	0.85 Br/B	Ground

Harness Connector View

Engine Harness Connector (E--)

Front Oxygen Sensor Connector

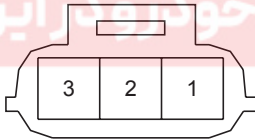


E22

E22 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Front oxygen sensor power
2	0.85 G/Y	Front oxygen sensor heating signal
3	0.85 O/Y	Front oxygen sensor signal
4	0.85 Br/B	Ground

NO4 Cylinder Ignition Coil Connector



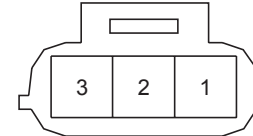
E23

E23 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 Br	Ignition coil control
2	0.85 BI/R	Main relay power
3	0.85 B	Ground

Engine Harness Connector (E--)

NO3 Cylinder Ignition Coil Connector

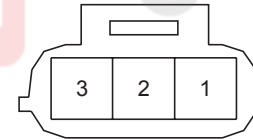


E24

E24 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G	Ignition coil control
2	0.85 BI/R	Main relay power
3	0.85 B	Ground

NO2 Cylinder Ignition Coil Connector



E25

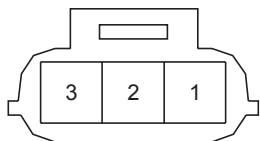
E25 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 V	Ignition coil control
2	0.85 BI/R	Main relay power
3	0.85 B	Ground

Harness Connector View

Engine Harness Connector (E--)

NO1 Cylinder Ignition Coil Connector



E26

E26 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 R/B	Ignition coil control
2	0.85 BI/R	Main relay power
3	0.85 B	Ground

Oil Pressure Switch Connector



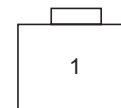
E27

E27 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R/W	Signal

Engine Harness Connector (E--)

A/C Solenoid Switch Connector

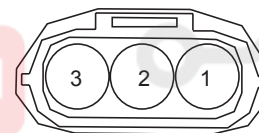


E28

E28 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/B	Signal

Alternater Connector



E29

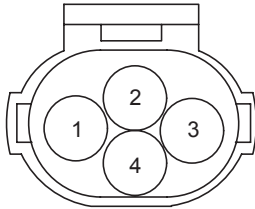
E29 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R	Battery power
2	0.85 B/W	Ignition switch power
3	0.85 W/R	Battery charging indicator

Harness Connector View

Engine Harness Connector (E--)

A/C Pressure Switch Connector

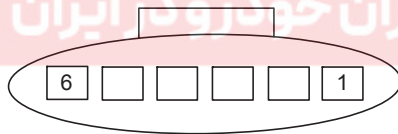


E30

E30 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 V/R	A/C pressor switch control
3	0.50 G/V	A/C pressor switch signal
4	0.50 Gr/Y	A/C pressor switch control

Accelerator Pedal Position Connector



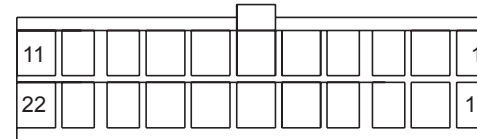
E31

E31 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/V	APP signal
2	0.50 Br/R	GND
3	0.50 R/Y	APP control
4	0.50 Br/B	GND
5	0.50 O/BI	Power
6	0.50 R/B	APP power

Engine Harness Connector (E--)

Engine Harness to IP Harness Connector



E11

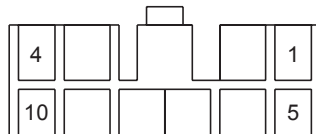
E11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr/Y	A/C switch start signal
2	0.50 Y/B	Oil pressure switch
3	0.50 W/BI	Engine speed signal
4	0.85 W/R	Battery charging indicator
5	0.50 V/W	Engine speed output signal
6	0.50 B/W	Clutch switch signal
7	0.50 G/Gr	Brake lamp switch status signal
8	0.50 P/G	K-line
9	0.50 P	Instantaneous oil consumption signal
10	0.50 W/Y	SVS fault indicator lamp
11	0.50 G/B	Coolant temperature indicator signal
12	0.50 W/B	Engine speed output signal
13	0.50 G/W	Brake switch status signal
14	0.50 P/W	MIL warning indicator lamp
15	0.50 BI/G	EPS switch signal
16	0.50 BI/G	Headlamp signal
17		NC
18		NC
19		NC
20		NC
21	0.50 R/B	Down shift indicator
22	0.50 R/Y	Up shift indicator

Harness Connector View

Engine Harness Connector (E--)

Engine Harness to IP Harness Connector



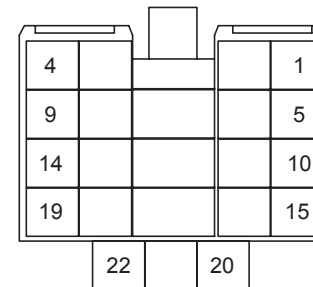
E12

E12 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B/W	IG1 power
1	1.25 BI/W	IG1 power(PEPS)
2	0.85 B/W	Ignition switch power
3	0.85 R	Battery power
4	0.50 G/P	Reverse lamp signal
5	0.50 G/BI	Reverse lamp switch power
6		NC
7	2.00 B/Y	Start motor power
8		NC
9		NC

Engine Harness Connector (E--)

Engine Harness to Engine Compartment Harness Connector



EU

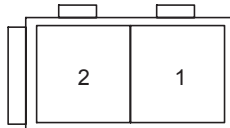
EU Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R/W	A/C compressor power
2	0.85 W/R	High speed fan control
3	0.50 W/B	Low speed fan control
4	0.85 W/BI	Fuel pump control
5	0.85 Y	Main relay control
6	0.50 W/Y	A/C relay control
7	2.00 BI/R	Main relay power
8	0.50 BI/Y	Headlamp open signal
9		NC
10	0.50 G/Y	CAN-L
11	0.50 G/B	CAN-H
12		NC
13		NC
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20		NC
21		NC
22		NC

Harness Connector View

Engine Compartment Harness Connector (U--)

Brake Fluid Sensor Connector

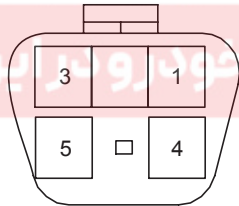


U01

U01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Brake fluid sensor -
2	0.50 P/B	Brake fluid sensor +

Front Wiper Motor Connector



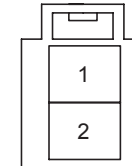
U02

U02 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Gr/B	Wiper high speed
2	0.85 Gr/R	Wiper return
3	0.85 Gr	power
4	0.85 Gr/Y	Wiper low speed
5	1.25 B	Ground

Engine Compartment Harness Connector (U--)

EPS Connector

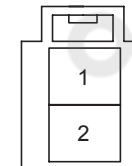


U03

U03 Pin Definition

Pin Number	Wire Width / Color	Function
1	4.00 R	Power
2	4.00 B	Ground

IP Fuse and Relay Box Power Connector



U04

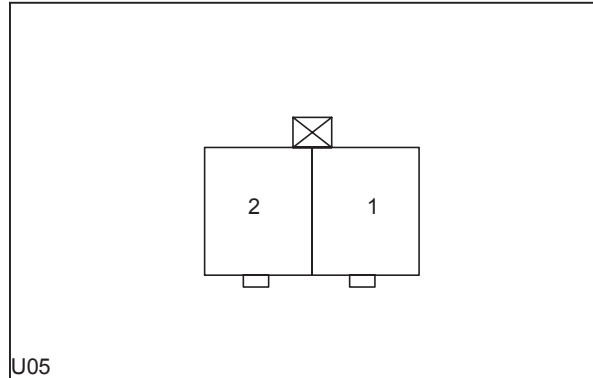
U04 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 R	power
2	3.00 R	power

Harness Connector View

Engine Compartment Harness Connector (U--)

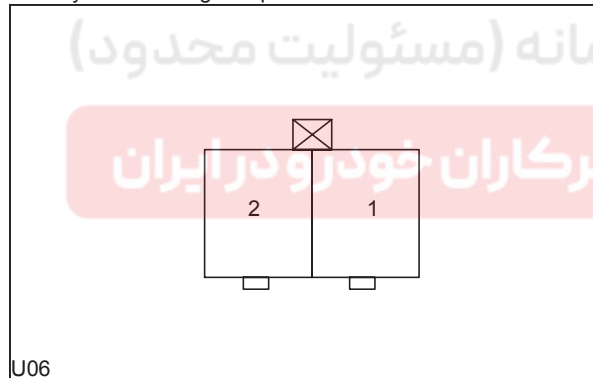
LF Daytime Running Lamp Connector



U05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/O	Power
2	0.50 B	Ground

RF Daytime Running Lamp Connector

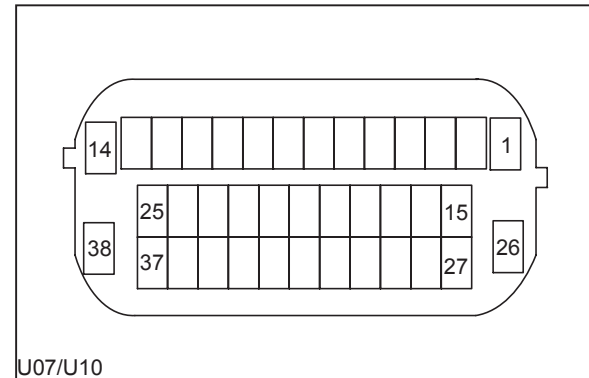


U06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/O	Power
2	0.50 B	Ground

Engine Compartment Harness Connector (U--)

ABS/ESP HCU Connector



U07/U10 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 B	Ground
2		NC
3		NC
4		NC
5		NC
6	0.50 W	Signal
7		NC
8	0.50 Br/Gr	LR wheel speed sensor signal +
9	0.50 G/Gr	Brake signal
10	0.50 Br/G	RR wheel speed sensor signal -
11	0.50 R/B	IG1 Power
12	0.50 W	ABS fault indicator
13	0.50 W/BI	Signal
14	3.00 R/B	Power 12V
15		NC
16		NC
17		NC
18		NC
19	0.50 W/B	Signal
20	0.50 Br/W	LF wheel speed sensor signal +
21	0.50 Br/BI	LR wheel speed sensor signal -
22	0.50 Br/P	RR wheel speed sensor signal +
23	0.50 Br/O	RF wheel speed sensor signal +
24		NC
25	0.50 W/B	Signal
26	3.00 B	Ground
27	0.50 W/G	ESP switch signal
28		NC
29		NC

Harness Connector View

Engine Compartment Harness Connector (U--)

U07/U10 Pin Definition

Pin Number	Wire Width / Color	Function
30		NC
31	0.50 Br/Y	LF wheel speed sensor signal -
32		NC
33	0.50 P/G	K-line
34		NC
35	0.50 Br/B	RF wheel speed sensor signal -
36	0.50 W/G	Brake system fault indicator
37		NC
38	3.00 R	Power 12V

RF Wheel Speed Sensor Connector

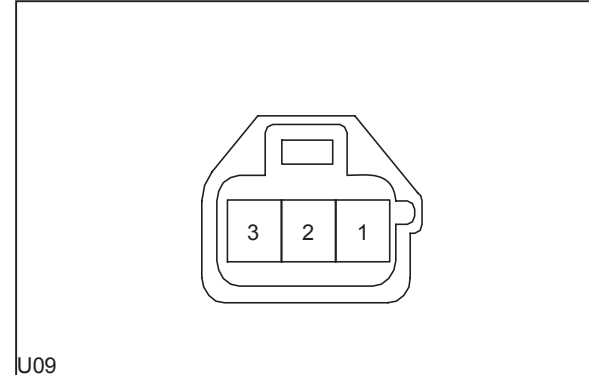


U08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/B	Signal-
2	0.50 Br/O	Signal +

Engine Compartment Harness Connector (U--)

Front Washer Motor Connector

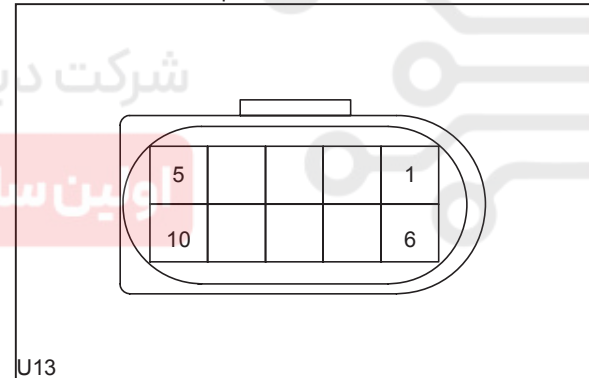


U09

U09 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 P	Power
3	0.85 Gr	Washer control

RF Combination Lamp Connector



U13

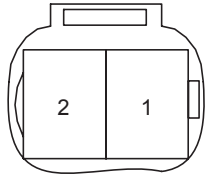
U13 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 Bl/W	High beam lamp power
3	0.85 B	High/low beam/turn lamp GND
4	0.50 Bl/Y	Adjust motor power
5		NC
6	0.85 B	Width lamp GND
7	0.50 Bl	Width lamp power
8	0.50 Y	Turn lamp power
9	0.85 Bl/Y	Low beam lamp power
10		NC

Harness Connector View

Engine Compartment Harness Connector (U--)

RF Insult Sensor Connector

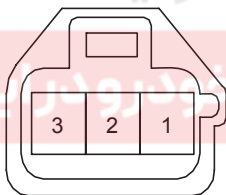


U14

U14 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/V	Signal +
2	0.50 Y/Gr	Signal -

Rear Washer Motor Connector



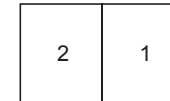
U15

U15 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 B	Ground
3	0.50 Gr/Bl	Power

Engine Compartment Harness Connector (U--)

Bass Horn Connector

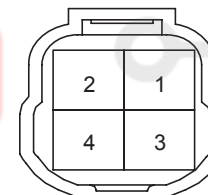


U16

U16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 P/W	Power +
2	0.85 B	Ground

Engine Compartment Cover Switch Connector



U17

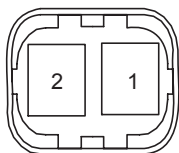
U17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 P/Y	Signal
3		NC
4		NC

Harness Connector View

Engine Compartment Harness Connector (U--)

Outside Temperature Sensor Connector

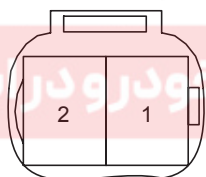


U19

U19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	Signal
2	0.50 V/Y	Signal

LF Insult Sensor Connector



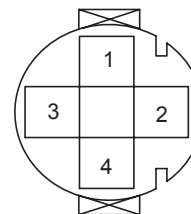
U20

U20 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/Br	Signal +
2	0.50 Y/Bl	Signal -

Engine Compartment Harness Connector (U--)

Fan Connector

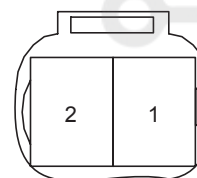


U21

U21 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 R/W	High speed fan power +
2	2.00 R/B	Low speed fan power +
3	2.00 B/W	Low speed fan power -
4	2.00 B	Ground

LF Wheel Speed Sensor Connector



U23

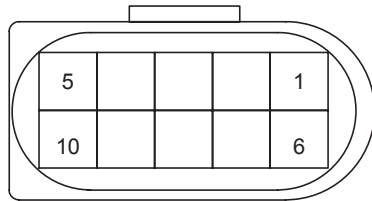
U23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	Signal
2	0.50 Br/W	Signal

Harness Connector View

Engine Compartment Harness Connector (U--)

LF Combination Lamp Connector

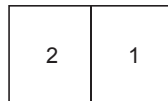


U26

U26 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 BI/W	High beam lamp power
3	0.85 B	High/low beam/turn lamp GND
4	0.50 BI/Y	Adjust motor power
5		NC
6	0.85 B	Width lamp GND
7	0.50 BI	Width lamp power
8	0.50 W	Turn lamp power
9	0.85 BI/Y	Low beam lamp power
10		NC

Althorn Horn Connector



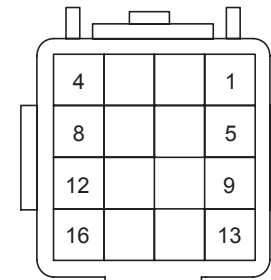
U27

U27 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 P/W	Power +
2	0.85 B	Ground

Engine Compartment Harness Connector (U--)

Transmission Harness Connector



U29

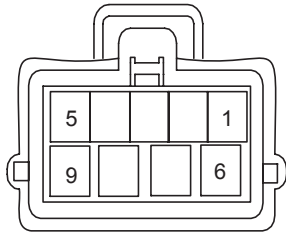
U29 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R/Y	Oil pressure sensor power
2	0.50 G/Y	Oil pressure sensor pressure signal
3	0.85 G	GND
4	0.50 Y/G	Driven wheel speed
5	0.85 Y	Driven cylinder vavle
6	0.85 BI	Drive cylinder vavle
7	0.50 V/W	Drive wheel speed
8	0.85 G	Locking soleniod vavle
9	0.85 BI/R	Speed sensor power
10	0.85 Br	Clutch soleniod vavle
11	0.50 V	Oil tempareture sensor signal
12	0.85 B	Speed sensor 1 ground
13	0.85 B	Oil tempareture sensor ground
14	0.85 B	Oil tempareture sensor ground
15	0.85 B	Speed sensor 2 ground
16	0.85 G	GND

Harness Connector View

Engine Compartment Harness Connector (U--)

Gear Switch Connector



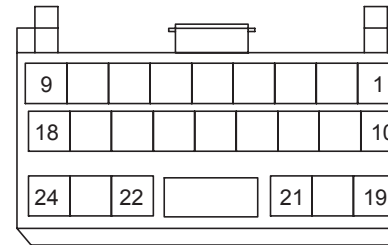
U30

U30 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/Y	R gear
2	0.50 W/V	P gear
3	0.50 W	N gear
4	0.50 G/O	S gear
5	0.85 BI/R	Power
6	0.85 B	Ground
7	0.50 Y/BI	D gear
8		NC
9	0.50 B/W	Start motor relay control

Engine Compartment Harness Connector (U--)

TCU(Blue) Connector



U31

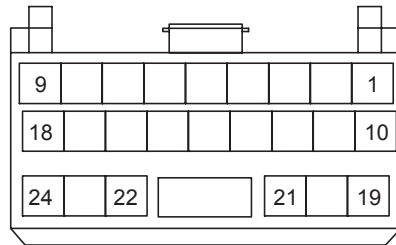
U31 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Br	Clutch solenoid valve
2	0.85 G	Locking solenoid valve
3		NC
4	0.85 BI	Drive cylinder valve
5		NC
6	0.85 Y	Driven cylinder valve
7		NC
8		NC
9	0.85 BI/R	TCM power
10		NC
11	0.50 BI/W	Shift control lock
12	0.50 O/B	Reverse lamp control(CVT)
12	0.50 Br/Y	Reverse lamp control(PEPS)
13	0.50 W/R	CAN-L
13	0.50 W	CAN-L(PEPS)
14		NC
15	0.85 B	Ground
16	0.85 O/B	TCU power control
17	0.50 W/G	TCU diagnostic
18	0.85 BI/R	Power
19		NC
20		NC
21		NC
22		NC
23	0.50 Y/W	TCU power
24	0.50 Y/R	CVT gear indicator

Harness Connector View

Engine Compartment Harness Connector (U--)

TCU(Green) Connector



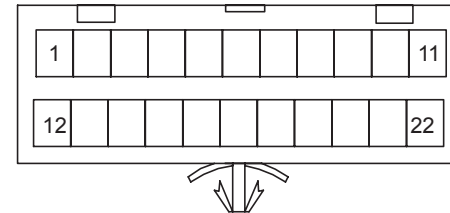
U32

U32 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B	GND
2	0.85 R/Y	Oil pressure sensor Power
3	0.50 G/Y	Oil pressure sensor pressure signal
4	0.50 V	Oil temperature sensor signal
5		NC
6	0.50 G/Gr	Brake signal
7	0.50 G	Shift switch signal
8	0.50 W/V	P gear
9	0.50 Y/BI	D gear
10	0.85 B	Ground
11		NC
12		NC
13		NC
14	0.50 R/W	CAN-H
14	0.50 W/B	CAN-HPEPS)
15		NC
16	0.50 Y	E/D model signal
17	0.50 BI/Y	R gear
18	0.50 Y/W	Shift switch signal
19	0.85 G	GND
20	0.50 V/W	Drive wheel speed
21	0.50 Y/G	Driven wheel speed
22	0.50 W/G	Reduce speed signal
23	0.50 W	N gear
24	0.50 G/O	D gear

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to IP Harness Connector



U11

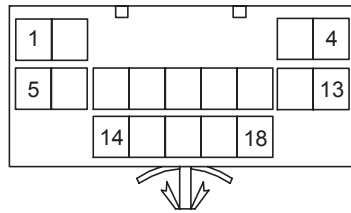
U11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	Outside temperature sensor signal -
2	0.50 V/Y	Outside temperature sensor signal +
3	0.50 P/Y	Engine compartment cover open signal
4	0.50 W/BI	Vehicle speed signal
5	0.50 P/B	Brake fluid indicator signal
6	0.50 BI/V	Low beam lamp relay control
7	0.50 BI/O	High beam lamp relay control
8		NC
9	0.50 P/W	Horn switch
10	0.50 G/Gr	Brake signal
11	0.50 BI/Y	Adjust motor +
12	0.50 P/G	ABS K-line
13	0.50 Br/P	RR wheel speed sensor signal +
14	0.50 Br/G	RR wheel speed sensor signal -
15	0.50 Br/Gr	LR wheel speed sensor signal +
16	0.50 Br/BI	LR wheel speed sensor signal -
17	0.50 W/G	Brake system fault indicator
18	0.50 W	ABS fault indicator
19	0.50 Y/BI	LF insult sensor signal -
20	0.50 Y/Br	LF insult sensor signal +
21	0.50 Y/Gr	RF insult sensor signal -
22	0.50 Y/V	RF insult sensor signal +

Harness Connector View

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to IP Harness(MT) Connector



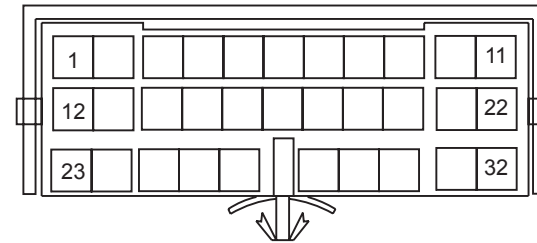
U12

U12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	Wiper/washer motor power
2	1.25 Gr/B	Wiper high speed
3	0.85 Gr/Y	Wiper low speed
4	0.85 Gr/R	Wiper return
5	1.25 R/W	Fuel pump power
6	0.50 Gr/Bl	Rear washer motor power
7	0.50 Bl/W	High beam lamp indicator
8	0.50 Bl/Y	Low beam lamp indicator
9	0.50 Bl	Width lamp power +
10	0.50 Bl/O	LF daytime lamp power +
11	0.50 P	Washer motor power -
12		NC
13		NC
14	0.50 R/B	ABS-ECU power
15	0.50 W	LF turn lamp power
16	0.50 Y	RF turn lamp power
17		NC
18		NC

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to IP Harness(CVT) Connector



U12

U12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	Wiper/washer motor power
2	1.25 Gr/B	Wiper high speed power +
3	0.50 Bl/W	High-beam lamp indicator
4	0.50 Bl/Y	Low-beam lamp indicator
5	0.50 Bl	Width lamp power +
6	0.50 G/Bl	Daytime running lamp power
7	0.50 P	Washer power -
8	0.50 O/B	Power request signal
9	0.50 Y/W	TCM power
10	0.85 Gr/Y	Wiper low speed power +
11	0.85 Gr/R	Wiper return
12	1.25 R/W	Fule pump power +
13	0.85 Bl/R	12V DC
14	0.50 R/B	ABS ECU power
15	0.50 W	Turn left lamp power
16	0.50 Y	Turn right lamp power
17	0.50 Gr/Bl	Rear washer motor power
18	0.50 Y/R	CVT gear indicator
19	0.50 B/W	Start motor relay control
20	0.50 Br/Y	Reverse lmap control(CVT)
21	0.85 B	GND
22	0.85 B	GND
23	0.50 W	CAN_L
24	0.50 W/B	CAN_H
25	0.50 W/G	Reduced speed signal
26	0.50 G	Shift switch signal
27	0.50 Y	Shift switch signal

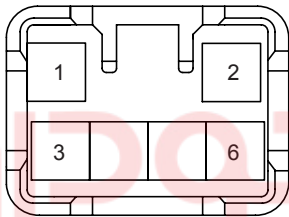
Harness Connector View

Engine Compartment Harness Connector (U--)

UI2 Pin Definition

Pin Number	Wire Width / Color	Function
28	0.50 BI/W	Shift control lock
29	0.50 Y/W	E/D model
30	0.50 W/G	CVT diagnostic
31	2.00 R/G	Power(PEPS)
32	1.25 R/P	Power(PEPS)

Engine Compartment Harness to IP Harness Connector



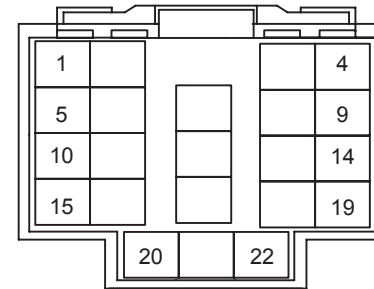
UI3

UI3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/G	ESP switch signal
2		NC
3	0.50 W/B	CAN-L
4	0.50 W/BI	CAN-H
5	0.50 W/B	Signal
6	0.50 W	Signal

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to Engine Harness Connector



UE

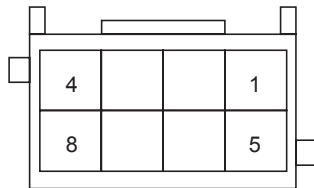
UE Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R/W	A/C compressor power
2	0.85 W/R	High speed fan control
3	0.50 W/B	Low speed fan control
4	0.85 W/BI	Fuel pump control
5	0.85 W/G	Main relay control
6	0.50 W/Y	A/C relay control
7	2.00 BI/R	Main relay power
8	0.50 BI/Y	Headlamp open signal
9		NC
10	0.50 W/R	CAN-L
11	0.50 W	CAN-L(PEPS)
12	0.50 R/W	CAN-H
13	0.50 W/B	CAN-H(PEPS)
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20		NC
21		NC
22		NC

Harness Connector View

Instrument Harness Connector (I--)

EPS Connector



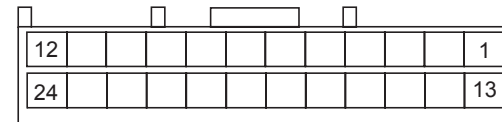
I01

I01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y	Power
2	0.50 W/B	CAN-H
2	0.50 W/B	CAN-L(PEPS)
3	0.50 O/G	Vehicle signal input
4	0.50 W/B	Engine speed signal input
5	0.50 W	CAN-L
5	0.50 W/BI	CAN-H(PEPS)
6	0.50 G/W	EPS fault warning
7	0.50 G	EPS idle raise
8	0.50 W/G	EPS fault diagnosis communication

Instrument Harness Connector (I--)

Instrument Cluster-2 Connector



I02

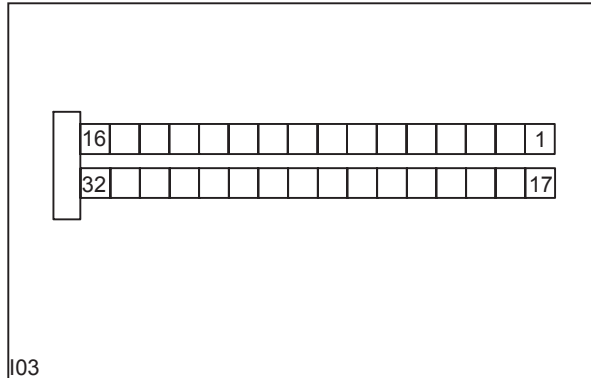
I02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/Y	SVS fault indicator
2	0.50 W/G	EBD fault indicator
3	0.50 P/B	Brake system fault indicator
4	0.50 G/P	Parking brake indicator
5	0.50 Y/B	Oil pressor indicator
6	0.50 B/W	ESCL fault indicator(PEPS)
7	0.50 BI/Y	Low beam lamp indicator
8	0.50 W	Turn left signal indicator
9	0.50 Y/R	CVT gear indicator
10	0.50 B	Ground
11	0.50 R/Y	Instrument power
12	0.50 R/B	Power
13	0.50 W	PEPS fault indicator(PEPS)
14	0.50 W/B	CAN-L(PEPS)
15	0.50 W/BI	CAN-H(PEPS)
16	0.50 Gr/B	Four doors ajar indicator(PEPS)
17	0.50 W	Two doors ajar indicator
17		NC(PEPS)
18	0.50 P/Y	Fuel level indicator
19	0.50 W/R	Instantaneous oil consumption signal
20	0.50 G	Coolant temperature sensor signal
21	0.50 BI	Background lamp power
22	0.50 W/B	Engine speed signal input
23	0.50 W/BI	Vehicle speed signal
24	0.50 Br	IMMO fault indicator

Harness Connector View

Instrument Harness Connector (I--)

Instrument Cluster-1 Connector



I03

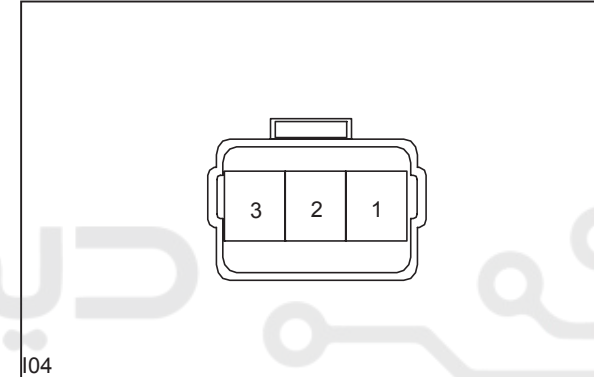
I03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/B	Up shift indicator
2	0.50 R/Y	Down shift indicator
3	0.50 Gr/W	Right reverse radar signal
4	0.50 W/B	Reverse radar/fuel sensor ground
5	0.50 G/P	Reverse lamp signal
6	0.50 Gr/R	Left reverse radar signal
7	0.50 R/Y	Reverse radar signal
8	0.50 V/W	Engine speed signal
9	0.50 O/G	Speed pulse signal output
10	0.50 Gr/Bl	Central lock signal
10		NC
11	0.50 B/V	RR door ajar signal
12	0.50 B/O	LR door ajar signal
13	0.50 B/Y	RF door ajar signal
14	0.50 B/W	LF door ajar signal
15	0.50 V/Br	Speaker sounding control
16	0.50 V/Y	Speaker sounding enable
17	0.50 W/Br	Passenger seat belt ajar indicator
18	0.50 W/G	Driver seat belt ajar indicator
19	0.50 W/B	ESP Signal(PEPS)
20	0.50 P/Y	Engine compartment cover ajar indicator
21	0.50 B/P	Trunk ajar indicator
22	0.50 P	Rear defroster indicator
23	0.85 W/R	Battery charging indicator
24	0.50 G/W	EPS fault indicator
25	0.50 W	ABS fault indicator
26	0.50 G	SRS fault indicator
27	0.50 Bl	Width lamp indicator
28	0.50 G/Br	Rear fog lamp indicator

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
29	0.50 Bl/W	High beam lamp indicator
30	0.50 Y	Turn right lamp indicator
31		NC
32	0.50 P/W	MIL Warning indicator

Interior Lighting Adjust Switch Connector



I04

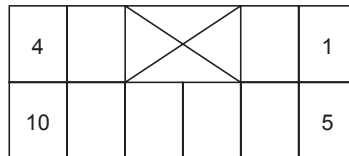
I04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Bl	Background lamp power
2	0.50 Bl	Ignition switch power
3	0.50 B	Ground

Harness Connector View

Instrument Harness Connector (I--)

Rearview Mirror Adjust Switch Connector

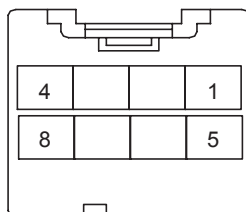


I05

I05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 Y/W	Rearview operation
3	0.50 Y/P	ACC power
4	0.50 BI	Background lamp power
5	0.50 Y/Br	Left rearview left/right power
6	0.50 Y/G	Left rearview up/down power
7		NC
8		NC
9	0.50 Y/BI	Right rearview up/down power
10	0.50 Y/Gr	Right rearview left/right power

Central Locking Switch Connector



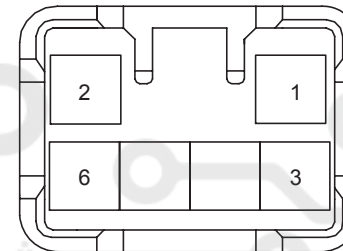
I06

Instrument Harness Connector (I--)

I06 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 BI	Background lamp power
5	0.50 Br/Gr	Lock signal
6	0.50 Br/BI	Unlock signal
7		NC
8		NC

Low-beam Lamp Adjust Switch Connector



I07

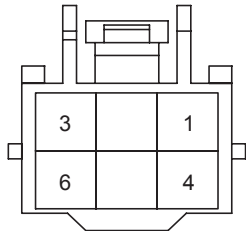
I07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 BI/Y	Headlamp highly adjust
3		NC
4	0.50 BI	Background lamp power
5		NC
6	0.50 BI	Background lamp power

Harness Connector View

Instrument Harness Connector (I--)

Ignition Switch Connector

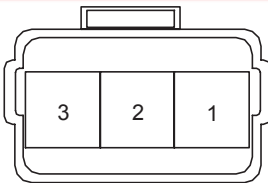


I08

I08 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 R/B	ACC power
2	2.00 R/Y	IG1 power
3	3.00 R	Battery power
4	2.00 R/G	IG2 power
5	3.00 R/W	Battery power
6	2.00 R/BI	Start power

IMMO ECU-A Connector



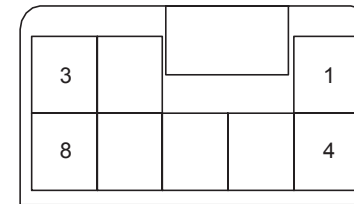
I09

I09 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 Br/Y	Key recogniton signal
3	0.50 Br/W	Key recogniton signal

Instrument Harness Connector (I--)

IMMO ECU-B Connector



I10

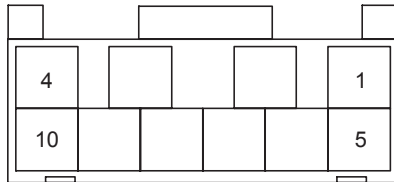
I10 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 Br	Power
4	0.50 P/G	K-line
5		NC
6	0.50 Br	IMMO fault indicator
7	0.50 BI/W	Power
8	0.50 B	Ground

Harness Connector View

Instrument Harness Connector (I--)

Wiper Combination Switch-A Connector

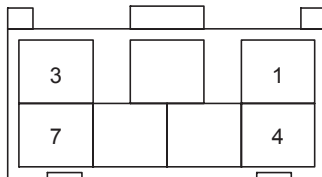


I11

I11 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Gr/B	Wiper High speed
2	0.85 Gr/Y	Wiper low speed
3	0.85 Gr	Power
4	0.85 Gr/R	Rear Wiper return
5		NC
6		NC
7		NC
8		NC
9	0.50 P/W	Horn control
10	0.50 Gr/BI	Rear washer motor power

Wiper Combination Switch-B Connector



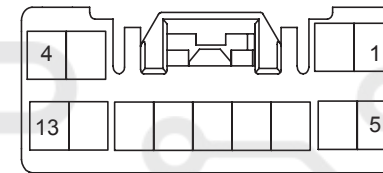
I12

Instrument Harness Connector (I--)

I12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 P	Front washer Motor power
2	1.25 B	Ground
3		NC
4	0.85 Gr/W	Rear Windshield Wiper Motor power
5		NC
6		NC
7		NC

Lighting Combination Switch Connector



I13

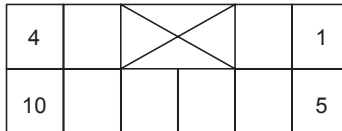
I13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/Y	Rear fog lamp power
2		NC
3	0.50 BI/G	Fog lamp control
4		NC
5	0.50 B	Ground
6	0.50 BI/V	Low beam
7	0.50 B	Ground
8	0.50 BI/G	Width lamp
9	0.50 BI/O	High beam lamp
10		NC
11	0.50 G/BI	Turn lamp power
12	0.50 G/Y	Right turn lamp
13	0.50 G/W	Left turn lamp

Harness Connector View

Instrument Harness Connector (I--)

Hazard Warning Lamp Switch Connector

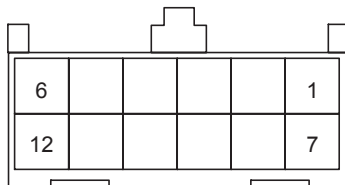


I14

I14 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	0.50 W/G	Turn lamp power
5		NC
6	0.50 B	Ground
7	0.50 BI	Background lamp power
8		NC
9	0.85 G/B	Power
10	0.85 Gr	Hazard warning /turn lamp power

Multi-Function Screen Connector



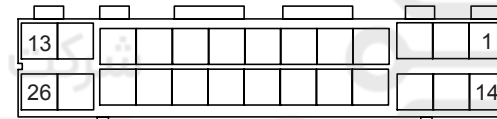
I15

Instrument Harness Connector (I--)

I15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Y	Outside temperature sensor signal +
2	0.50 V/W	Outside temperature sensor -
3	0.50 O/G	Vehicle speed signal input
4	0.50 B	Ground
5	0.50 R/B	Power
6	0.50 R/Y	IG1 power
7	0.50 W/Br	Passenger seat belt ajar signal
8	0.50 BI	Background lamp power
9		NC
10		NC
11		NC
12	0.50 W/G	Driver seat belt signal

Central Locking Controller Connector



I16

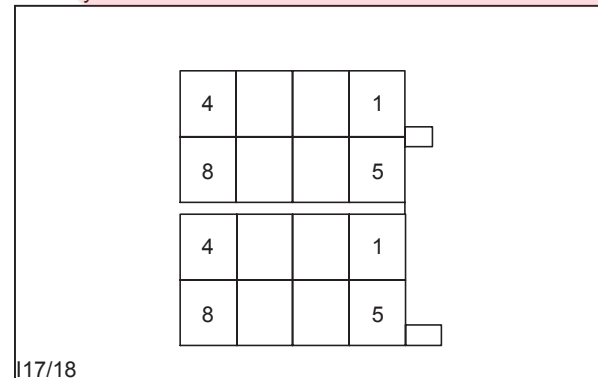
Harness Connector View

Instrument Harness Connector (I--)

I16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/W	Power
2	1.25 B/W	IG1 power output
3	0.50 Br/B	Tail gate locking unlock signal output
4		NC
5	0.50 Y	Turn right lamp power
6	0.50 W	Turn left lamp power
7	0.50 G/Y	Colision signal
8	0.50 W/B	Tail gate mcroswitch signal
9	0.50 G	RR turn lamp power
10	0.50 W	Six door ajar signal
11	0.50 W/R	LF door locking status signal
12	0.50 W/G	LR turn lamp power
13	0.50 Br	Power
14	0.50 Br/W	Unlock signal
15	0.50 Br/Y	Lock signal
16	0.50 Br	Power
17	0.50 W/BI	Diagnose signal
18	0.50 G/Y	Turn right lamp power
19	0.50 G/W	Turn left lamp power
20	0.50 W/B	Tail gate unlocking status signal
21	0.50 B/P	Trank lamp switch status signal
22	0.50 Br/Gr	Central locking lock signal
23	0.50 Br/BI	Central locking unlock signal
24	0.50 Gr/BI	Overtake 20Km/h control signal
25	0.50 B	Ground
26	0.85 Gr	Hazard warning lamp power

CD Player Connector



Instrument Harness Connector (I--)

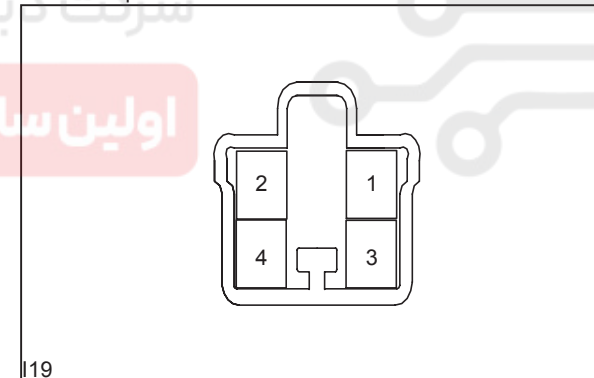
I17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Y	RR speaker +
2	0.50 V/Gr	RF speaker +
3	0.50 V/W	LF speaker +
4	0.50 V/G	LR speaker +
5	0.50 V/O	RR speaker -
6	0.50 V/Br	RF speaker -
7	0.50 V/B	LF speaker -
8	0.50 V/BI	LR speaker -

I18 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W	CD system control
2	0.50 V/Y	Speaker sounding enable
3	0.50 V/Br	Speaker sounding control
4	0.85 V/R	Battery power
5	0.50 G/P	Reverse lamp switch signal
6	0.85 V	ACC power
7	0.50 BI	Background lamp power
8	0.85 B	Ground

Brake Lamp Switch Connector

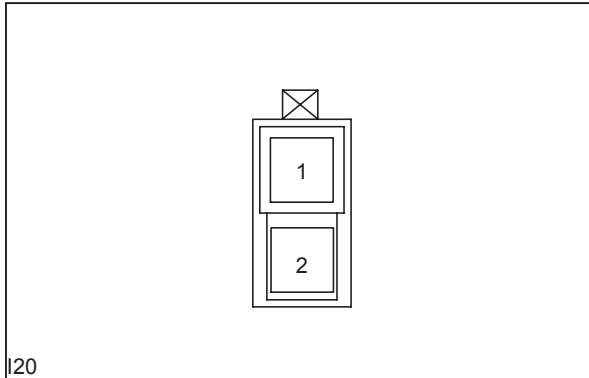


I19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 G/B	Power
2	0.50 G/Gr	Brake lmap switch signal
3	0.50 G/BI	Power
4	0.50 G/W	Brake switch signal

Harness Connector View

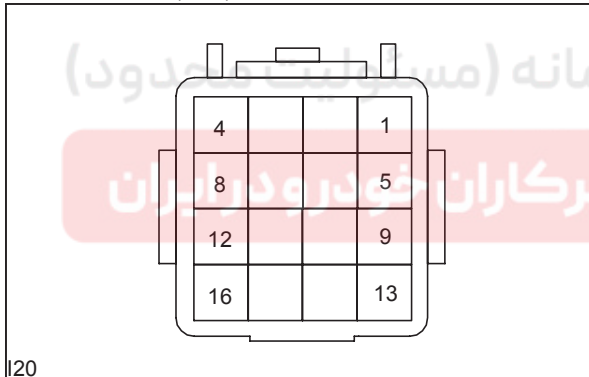
Instrument Harness Connector (I--)
Clutch Switch(MT Vehicle) Connector



I20 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 B/W	Clutch switch +

Shift Gear Switch(CVT) Connector



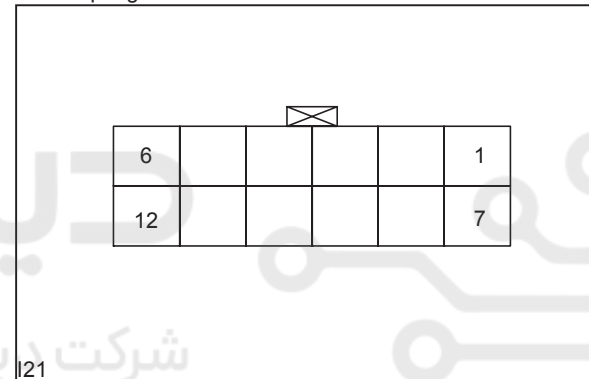
I20 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G	Shift switch signal
2	0.50 W/G	Reduce speed signal
3	0.85 B	Ground
4	0.50 BI	Background Imap power
5	0.50 BI	Background Imap power
6	0.85 B	Ground
7	0.50 BI/W	Shift control lock
8	0.50 Y	Shift switch signal

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
9		NC
10	0.85 B	Ground
11	0.50 Y/W	E/D model
12	0.50 B	Ground
13		NC
14		NC
15		NC
16		NC

Clock Spring Connector



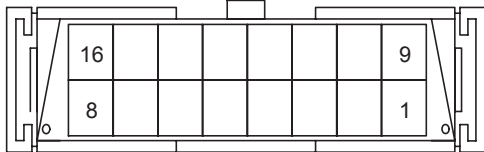
I21 Pin Definition

Pin Number	Wire Width / Color	Function
1		N/C
2		NC
3		NC
4		NC
5		NC
6		NC
7		NC
8	0.50 W	CD system control
9	0.50 B	Ground
10	0.50 BI	Background lamp power
11	0.50 P/W	Horn power
12		NC

Harness Connector View

Instrument Harness Connector (I--)

Diagnose Interface Connector



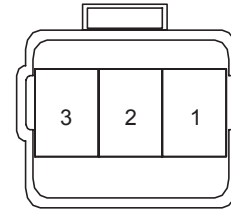
I22

I22 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	0.50 B	Ground
5	0.50 B	Ground(PEPS)
6	0.50 W	CAN-L
6	0.50 W/BI	CAN-H(PEPS)
7	0.50 P/G	K-line
8	0.50 R/Y	IG1 Power
9	0.50 W/G	CVT/EPS Diagnose
10		NC
11		NC
12	0.50 W/R	SRS Diagnose
13	0.50 W/BI	Diagnose signal
14	0.50 W/B	CAN-L(PEPS)
14	0.50 W/B	CAN-H
15		NC
16	0.50 R/B	Power 12V

Instrument Harness Connector (I--)

IMMO Coil Connector

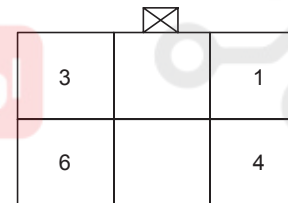


I23

I23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	Key recognition signal
2		NC
3	0.50 Br/W	Key recognition signal

Intelligent Breaker Connector



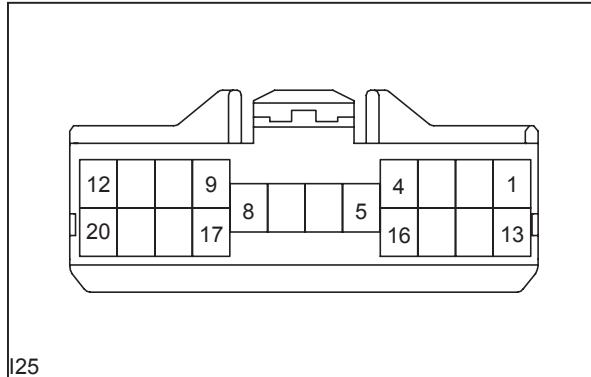
I24

I24 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	2.00 R/B	Battery power
3	0.50 G/BI	Power
4	2.00 R	Battery Power
5		NC
6	0.50 B	Ground

Harness Connector View

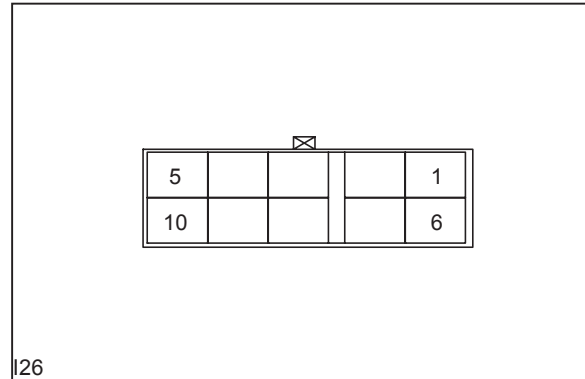
Instrument Harness Connector (I--)
Central Control Box-1 Connector



I25 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 R/B	ABS ECU power
3	0.50 Y/W	TCM power
4	1.25 BI/W	Alternater/IMMO/center lock control unit power
5	1.25 R	Seat heating power
6	0.50 B/W	Start motor control
6	0.50 Br	Start motor control(PEPS)
7	2.00 B/Y	Start power
8	2.00 R/BI	Start power
9		NC
10		NC
11		NC
12		NC
13		NC
14	0.50 G/BI	Turn/Daytime running/reverse lamp power
15	0.85 B	Reverse lamp control
16	0.50 G/P	Reverse lamp power
17	0.50 Br/Y	Reverse lamp control(CVT)
18	0.50 Y/R	SRS power
19	0.50 Y	EPS power
20	0.50 R/Y	Instrument power

Instrument Harness Connector (I--)
Central Control Box-2 Connector



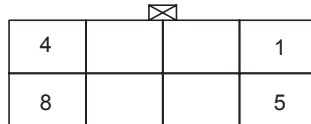
I26 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	Washer/wiper Switch Power
2	2.00 R	Battery power
3	3.00 R/W	Battery power
4	0.50 BI/Y	Rear fog lmap control
5	0.50 G/Br	Rear fog lmap power
6	0.50 BI	Background lmap power
7	0.50 BI/G	Background lmap control
8	0.50 Y	Sunroof Power
9	2.00 P	Defrost heating power
10	0.50 Gr/R	Defrost heating control

Harness Connector View

Instrument Harness Connector (I--)

Central Control Box-3 Connector

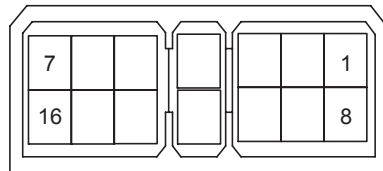


I27

I27 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2		NC
3	3.00 Gr/Bl	Blower power
4		NC
5	2.00 Y	Power window power
6		NC
7		NC
8		NC

Central Control Box-4 Connector



I28

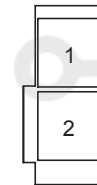
I28 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 B	Blower relay ground
3	0.50 V	CD power
4		NC

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
5	0.85 O/B	power control
6	0.85 Bl/R	power
7	0.85 R	Alternater power
8	1.25 V/Y	Power
9	0.50 Gr	Power rearview power
10	0.50 Y/P	ACC power
11		NC
12	0.50 Gr	A/C control padel power
13		NC
14	0.50 G/B	Hazard warning/brake lamp power

Central Control Box-5 Connector



I29

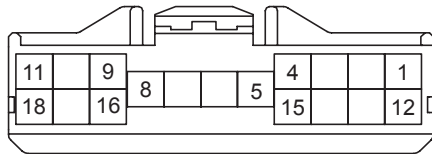
I29 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 R/G	IG2 power
2	3.00 R/B	ACC power

Harness Connector View

Instrument Harness Connector (I--)

Central Control Box-6 Connector



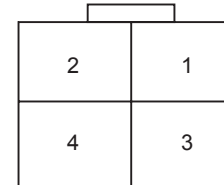
I30

I30 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/B	Instrument cluster power
2		NC
3		NC
4		NC
5	0.50 G/V	Dome light power
6	0.85 V/R	CD power
7	2.00 R	Battery power
8	2.00 R/Y	IG1 power
9		NC
10		NC
11		NC
12	0.50 Br	Center lock/IMMO power
13		NC
14		NC
15		NC
16		NC
17		NC
18		NC

Instrument Harness Connector (I--)

EPS ECU Connector



I32

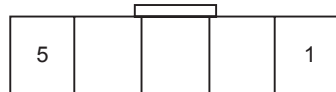
I32 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	3.00 R	Power
4	3.00 B	Ground

Harness Connector View

Instrument Harness Connector (I--)

EPS ECU Connector

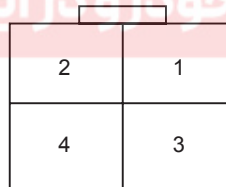


I33

I33 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 R	Power
2		NC
3	3.00 B	Ground
4	0.50 G	Signal
5	0.50 Y	Signal

EPS Motor Connector



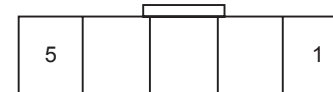
I34

I34 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	3.00 R	Power
4	3.00 B	Ground

Instrument Harness Connector (I--)

EPS Torque Sensor Connector

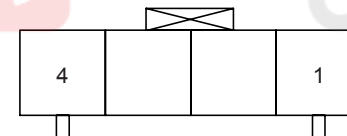


I35

I35 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 R	Power
2		NC
3	3.00 B	Ground
4	0.50 G	Signal
5	0.50 Y	Signal

Steering Angle Sensor Connector



I36

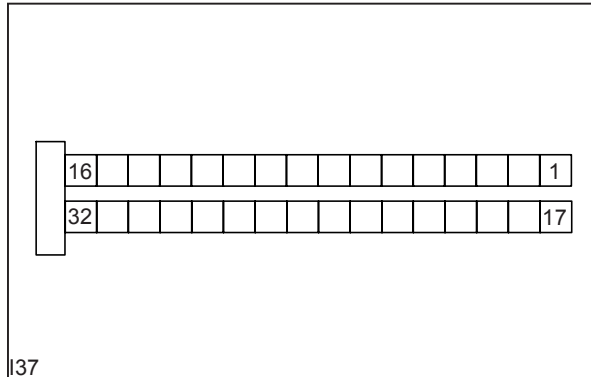
I36 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 R/B	IG1 power
3	0.50 W/BI	CAN-H/signal
4	0.50 W/B	CAN-L/signal

Harness Connector View

Instrument Harness Connector (I--)

PEPS Controller A Connector



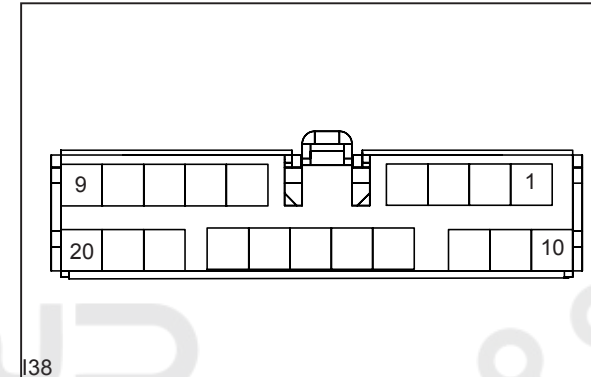
I37 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Y	Turn right input
2	0.50 G/W	Turn left input
3	0.85 Gr	Hazard warning lamp input
4		NC
5	0.50 W/B	Engine speed output signal
6	0.50 B/Y	Starter relay feedback signal
7	0.50 R/G	Battery power
8	0.50 R/Y	IG1 power
9	0.50 R/B	Battery power
10	0.50 Br/R	ACC signal
11	0.50 Br	Starter relay control signal
12	0.50 W/Br	Button Start Switch power
13		NC
14	0.50 Br	LF door lock status switch signal
15		NC
16		NC
17	0.50 Br/W	K-line
18	0.50 B/W	Clutch switch signal
19		NC
20		NC
21	0.50 B/W	P/N gear switch signal
22		NC
23	0.50 W/BI	CAN-H
24	0.50 W/B	CAN-L
25	0.50 Br/Y	Power
26	0.50 W	PEPS fault indicator
27	0.50 B/W	ESCL fault indicator
28	0.50 Br/Gr	Power
29	0.50 Br/BI	Power

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
30	0.50 BI	IMMO Antenna -
31	0.50 O/B	IMMO Antenna +
32	0.50 W/BI	PEPS fault diagnose signal

PEPS Controller B Connector



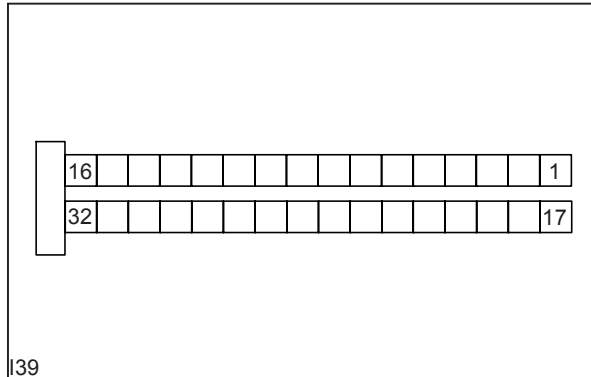
I38 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/G	Turn left output
2	0.50 G	Turn right output
3	0.50 W	Turn left output
4	0.50 Y	Turn right output
5	0.85 G/B	Power 12V
6	0.50 Br/W	Unlock Signal
7	0.50 Br/Y	Lock Signal
8	0.50 B	Ground
9	2.00 R/G	Power 12V
10	1.25 R	Power 12V
11	0.50 Br/P	ESCL power
12	0.50 Br/V	ESCL signal input
13	0.50 Br/O	Ground
14	0.50 Br	IMMO fault indicator
15		NC
16	1.25 BI/W	IG1 power
17	0.50 Br/B	Unlock power output
18	0.50 P/W	Horn control signal input
19	0.50 B	Ground
20	2.00 R/G	Power 12V

Harness Connector View

Instrument Harness Connector (I--)

PEPS Controller C Connector



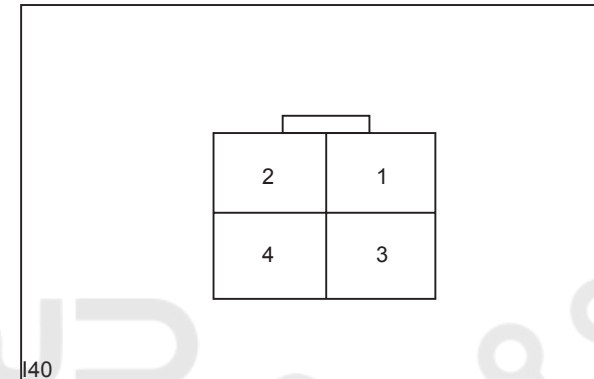
I39 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/Br	Antenna signal -
2	0.50 Br/R	Antenna signal +
3	0.50 Br/W	Antenna signal -
4	0.50 V/Br	Antenna signal +
5		NC
6	0.50 O/B	Antenna signal -
7	0.50 Bl/Br	Antenna signal +
8	0.50 Br/O	Antenna signal +
9		NC
10		NC
11		NC
12		NC
13	0.50 G/Gr	NC
14	0.50 Br/V	Button Start Switch signal
15	0.50 Br/O	Button Start Switch signal
16	0.50 G/Y	SRS colision signal
17		NC
18	0.50 P/Br	Antenna signal +
19	0.50 Br/B	Antenna signal -
20	0.50 Br/P	Antenna signal -
21	0.50 B/P	Tail gate ajar signal input
22	0.50 Gr/B	Four door ajar signal input
23		NC
24	0.50 W/B	Status signal
25	0.50 Br/Y	LF door switch signal
26	0.50 Br/G	LF door switch signal
27	0.50 W/Bl	Vehicle speed sensor input
28	0.50 Br/P	LED Background lamp signal
29	0.50 R/Br	LED Background lamp signal

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
30	0.50 G/Br	LED Background lamp signal
31	0.50 Br/Gr	lock Signal
32	0.50 Br/Bl	Unlock Signal

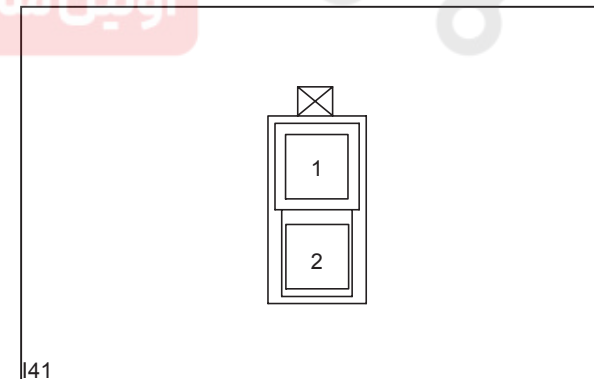
GPS-1 Connector



I40 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	signal -
2	0.50 W	signal +
3	0.50 G	Power -
4	0.50 R	signal +

GPS-2 Connector



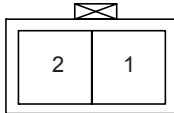
I41 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 G/P	signal

Harness Connector View

Instrument Harness Connector (I--)

Antenna-1 Connector



I42

I42 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/O	Signal +
2	0.50 Br/P	Signal -

ESCL Connector



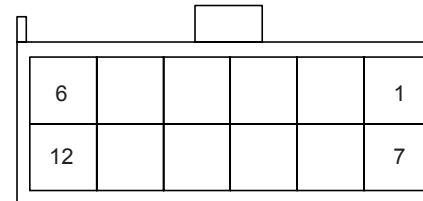
I44

I44 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/P	ESCL power
2	0.50 Br/W	K-lin
3	0.50 Br/R	ACC signal
4		NC
5		NC
6	0.50 Br/O	Ground
7	0.50 Br/V	ESCL signal input

Instrument Harness Connector (I--)

Button Switch Connector



I43

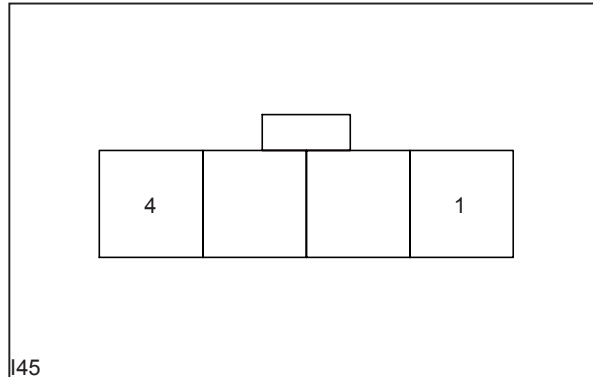
I43 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/Br	LED Background lamp signal
2	0.50 Br/V	Button Start Switch signal
3	0.50 W/Br	Button Start Switch power
4		NC
5	0.50 Br/P	LED Background lamp signal
6	0.50 BI	IMMO Antenna -
7	0.50 O/B	IMMO Antenna +
8	0.50 Br/O	Button Start Switch signal
9		NC
10		NC
11	0.50 G/Br	LED Background lamp signal
12		NC

Harness Connector View

Instrument Harness Connector (I--)

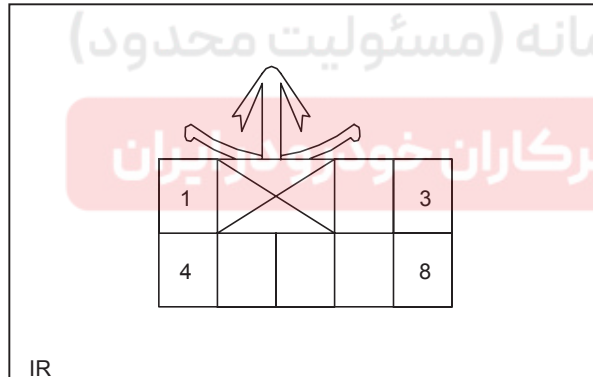
TPMS Connector



I45 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Power
2		NC
3	0.50 Y	Ground
4		NC

IP Harness to Roof Harness Connector

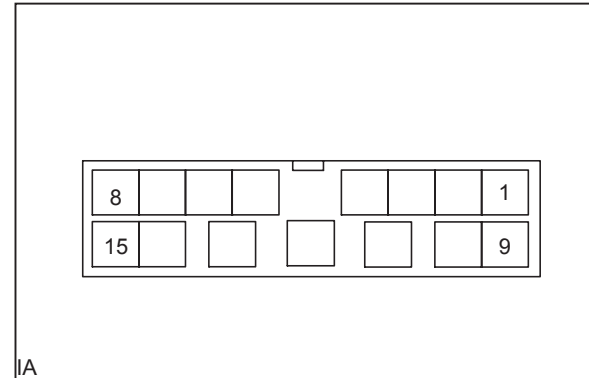


IR Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/V	Power
2	0.50 Gr/B	Instrument Cluster singal
3	0.50 Y	Power
4	2.00 R	Power
5	2.00 B	Ground
6	0.50 B	Ground
7		N/C
8		N/C

Instrument Harness Connector (I--)

IP Harness to A/C Harness Connector



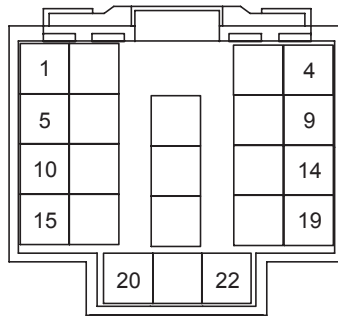
IA Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	IG2 power
2	0.50 Bl	Background lamp power
3	0.85 Gr/R	Defrosting control
4		NC
5	0.85 B	Signal ground
6	0.85 Gr/Y	A/C control
7		NC
8		NC
9		NC
10		NC
11	3.00 Gr/Bl	Blower power
12	3.00 B	Regulator module ground
13		NC
14		NC
15		NC

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to LF Door Harness Connector



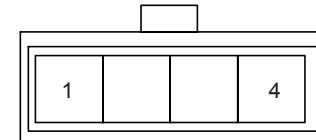
ID1

ID1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	LF door speaker +
2	0.50 V/B	LF door speaker -
3	0.50 P	Left outside rearview heating power
4	0.50 B	Ground
5	0.50 Y/Br	Left outside rearview left/right power
6	0.50 Y/G	Left outside rearview up/down power
7	2.00 B	Ground
8	0.50 Y/W	Left outside rearview up/down or left/right adjustment
9	1.25 Y/BI	RF door power window up power
10	1.25 Y/G	RF door power window down power
11	1.25 Y/Br	LR door power window up
12	2.00 Y	LF door power window switch power
13	1.25 Y/V	LR door power window down
14	1.25 Y/O	RR door power window up signal
15	1.25 Y/P	RR door power window down signal
16	0.50 W/G	Left side turn lamp power
17	1.25 Y/R	RR power window switch power
18	0.50 Br	LF door lock status switch signal
19	0.50 Br/Y	Lock signal
20	0.50 Br/W	Unlock signal
21		NC
22		NC

Instrument Harness Connector (I--)

IP Harness to LF Door Harness Connector



ID2

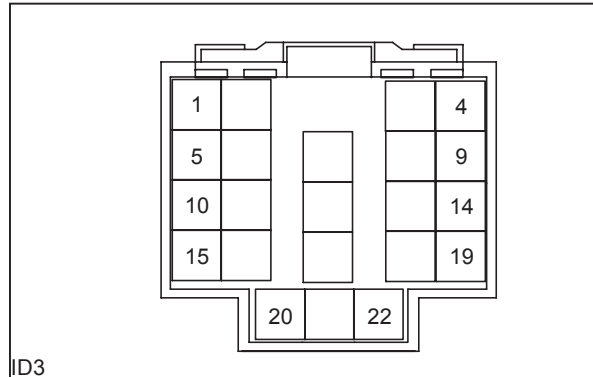
ID2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/R	LF door antenna signal +
2	0.50 Br/W	LF door antenna signal -
3	0.50 Br/Y	LF door Locking signal
4	0.50 Br/G	LF door Locking signal

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to RF Door Harness Connector

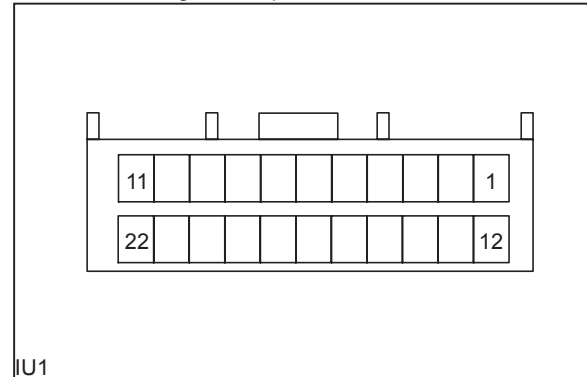


ID3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Br	RF speaker -
2	0.50 V/Gr	RF speaker +
3	0.50 P	Right outside rearview heating power
4	0.50 B	Ground
5	0.50 G	Right side turn lamp +
6	0.50 Y/Bl	Right outside rearview up/down power
7	1.25 Y/R	RF door power window switch up signal
8	0.50 Y/W	Right outside rearview up/down or left/right adjustment
9	0.50 Br/W	Unlock signal
10	0.50 Br/Y	Lock signal
11	0.50 Y/Gr	Right outside rearview left/right power
12	1.25 Y/G	RF door power window down
13		NC
14		NC
15		NC
16		NC
17	1.25 Y/Bl	RF door power window up signal
18		NC
19		NC
20		NC
21		NC
22		NC

Instrument Harness Connector (I--)

IP Harness to Engine Compartment Harness Connector



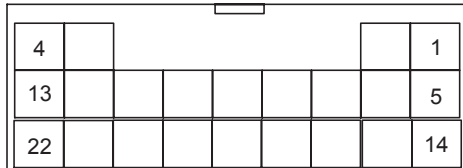
IU1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 V/W	Outside temperature sensor -
2	0.85 V/Y	Outside temperature sensor signal
3	0.85 P/Y	Engine compartment release signal
4	0.50 W/Bl	Vehicle speed signal
5	0.85 P/B	Brake fluid level signal
6	0.50 Bl/V	Low beam headlamp relay control
7	0.50 Bl/O	High beam headlamp relay control
8		NC
9	0.50 P/W	Horn switch
10	0.50 G/Gr	Brake signal
11	0.50 Bl/Y	Adjust motor power
12	0.50 P/G	K-line
13	0.50 Br/P	RR wheel speed sensor signal +
14	0.50 Br/G	RR wheel speed sensor signal -
15	0.50 Br/Gr	LR wheel speed sensor signal +
16	0.50 Br/Bl	LR wheel speed sensor signal -
17	0.50 W/G	Brake system fault indicator
18	0.50 W	ABS fault indicator
19	0.85 Y/Bl	LF colision sensor -
20	0.85 Y/Br	LF colision sensor +
21	0.85 Y/Gr	RF colision sensor -
22	0.50 Y/V	RF colision sensor +

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to Engine Compartment Harness(MT) Connector



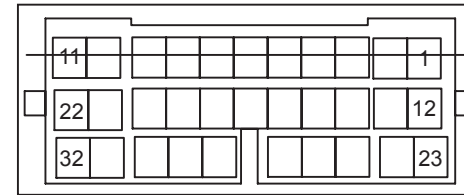
IU2

IU2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	Wiper/washer motor power
2	1.25 Gr/B	Wiper high speed of wiper +
3	0.85 Gr/Y	Wiper low speed of wiper +
4	0.85 Gr/R	Wiper return
5	1.25 R/W	Fuel pump power
6	0.50 G/BI	Rear washer motor power
7	0.85 BI/W	High beam indicator lamp
8	0.50 BI/Y	Low beam indicator lamp
9	0.50 BI	Width lamp power
10	0.50 G/BI	LF daytime running lamp +
11	0.50 P	Washer motor
12	0.85 B	Ground
13	0.85 B	Ground
14	0.50 R/B	ABS ECU IG1 power
15	0.50 W	LF turn lamp +
16	0.50 Y	RF turn lamp +
17		NC
18		NC
19		NC
20		NC
21		NC
22		NC

Instrument Harness Connector (I--)

IP Harness to Engine Compartment Harness(CVT) Connector



IU2

IU2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr	Wiper/washer motor power
2	1.25 Gr/B	Wiper high speed power +
3	0.50 BI/W	High-beam lamp indicator
4	0.50 BI/Y	Low-beam lamp indicator
5	0.50 BI	Width lamp power+
6	0.50 G/BI	Daytime lamp power
7	0.50 P	Washer power -
8	0.85 O/B	TCM power control
9	0.50 Y/W	TCM power
10	0.85 Gr/Y	Wiper low speed power +
11	0.85 Gr/R	Wiper return
12	1.25 R/W	Fule pump power +
13	0.85 BI/R	TCM power
14	0.50 R/B	ABS ECU IG1 power
15	0.50 W	Turn left lamp power +
16	0.50 Y	Turn right lamp power +
17	0.50 Gr/BI	Rear washer motor power
18	0.50 Y/R	CVT gear indicator
19	0.50 B/W	Start motor relay control
20	0.50 Br/Y	Reverse lmap control(CVT)
21	0.85 B	Ground
22	0.85 B	Ground
23	0.50 W	CAN_L
23	0.50 W/BI	CAN_H(PESP)
24	0.50 W/B	CAN_H
24	0.50 W/B	CAN_L(PESP)
25	0.50 W/G	Reduced speed signal
26	0.50 G	Shift switch signal
27	0.50 Y	Shift switch signal
28	0.50 BI/W	Shift control lock
29	0.50 Y/W	E/D model

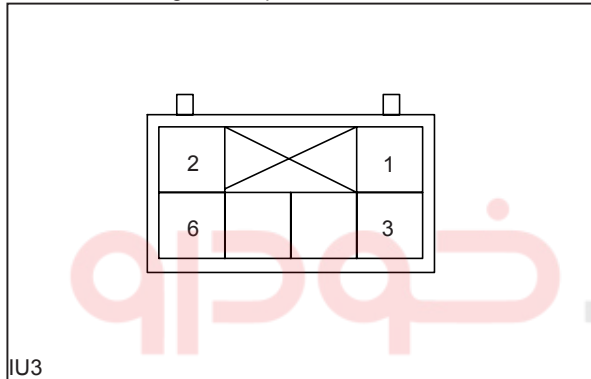
Harness Connector View

Instrument Harness Connector (I--)

IU2 Pin Definition

Pin Number	Wire Width / Color	Function
30	0.50 W/G	CVT diagnostic
31	2.00 R/G	Power(PEPS)
32	1.25 R	Power(PEPS)

IP Harness to Engine Compartment Harness Connector

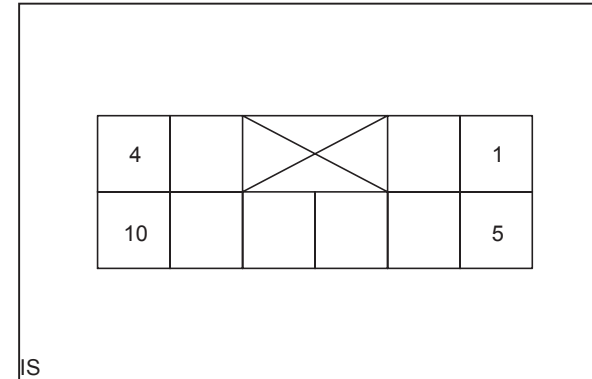


IU3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/G	ESP switch signal
2		NC
3	0.50 W/B	CAN-L
4	0.50 W/BI	CAN-H
5	0.50 W/B	Signal
6	0.50 W	Signal

Instrument Harness Connector (I--)

IP Harness to SRS Harness Connector



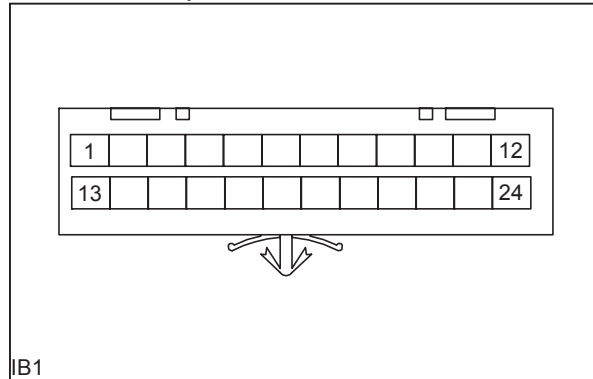
IS Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/V	RF colision sensor +
2	0.50 Y/Gr	RF colision sensor -
3	0.50 Y/Br	LF colision sensor +
4	0.50 Y/BI	LF colision sensor -
5	0.85 Y/R	Power
6	0.50 G	Air bag indicator
7	0.50 W/R	K-line
8	0.50 G/Y	Colision signal
9		NC
10		NC

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to Body Harness Connector



IP Harness to Body Harness Connector(PEPS)



Instrument Harness Connector (I--)

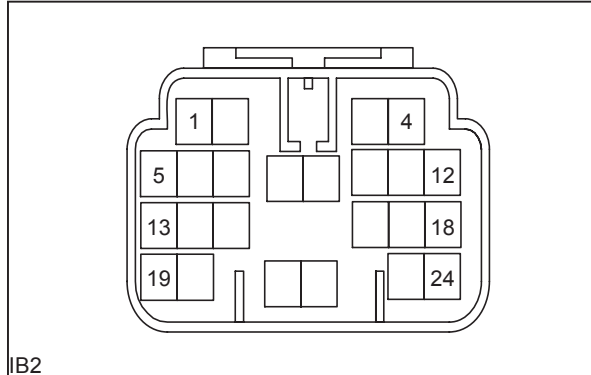
IB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	LF door control switch status signal
2	0.50 B/Y	RF door control switch status signal
3	0.50 B/O	LR door control switch status signal
4	0.50 B/V	RR door control switch status signal
5	0.50 R/Y	Reverse radar +
6	0.50 Gr/R	Left reverse radar signal
7	0.50 W/B	Fuel sensor, reverse radar ground
8	0.50 Gr/W	Right reverse radar signal
9	0.50 G/P	Parking brake switch status signal
10	0.50 P/Y	Fuel sensor signal
11	0.50 Br/P	RR wheel speed sensor signal +
12	0.50 Br/G	RR wheel speed sensor signal -
13	0.50 Br/Gr	LR wheel speed sensor signal +
14	0.50 Br/Bl	LR wheel speed sensor signal -
15	0.50 W/Br	Passenger seat belt switch status signal
16	0.50 W/G	Driver seat belt switch status signal
17	0.50 W/B	CAN-H
18	0.50 G/V	Trunk lamp power
19	0.50 W/G	Left turn lamp power
20	0.50 G	Right turn lamp power
21	0.50 W/B	Tail gate microswitch unlock signal input
22	0.50 W	CAN-L
23	0.50 Bl/Br	Rear Bumper Antenna signal +(PEPS)
24	0.50 Br/B	Rear Bumper Antenna signal -(PEPS)
25	0.50 B/Br	Antenna signal -(PEPS)
26	0.50 V/Br	Antenna signal +(PEPS)
27	0.50 O/B	Antenna signal -(PEPS)
28	0.50 P/Br	Antenna signal +(PEPS)
29	0.50 B	Rear camera signal-(PEPS)
30	0.50 W	Rear camera signal+(PEPS)
31	0.50 G	Rear camera power-(PEPS)
32	0.50 R	Rear camera power+(PEPS)

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to Body Harness Connector



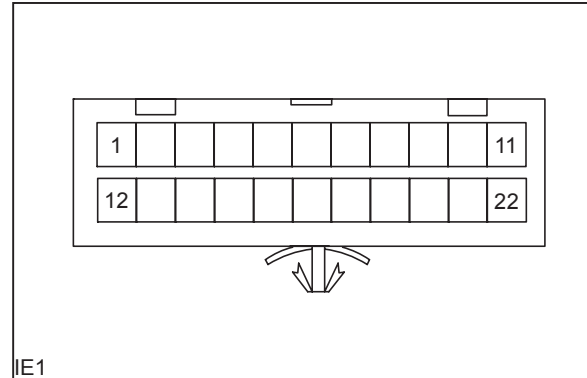
IB2

IB2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/O	RR speaker -
2	0.50 V/Y	RR speaker +
3	0.50 V/BI	LR speaker -
4	0.50 V/G	LR speaker +
5	0.50 G/Br	Rear fog lamp power
6	0.50 BI	Rear width lamp power
7	1.25 Y/Br	LR power window up signal
8	1.25 R/W	Fuel pump motor power
9	2.00 P	Rear defroster power
10	1.25 Y/V	LR power window down signal
11	1.25 Y/O	RR power window up signal
12	1.25 Y/P	RR power window down signal
13	0.50 B/P	Trunk switch status signal
14	1.25 R	Power
15	1.25 V/Y	Cigarette lighter power
16	1.25 V/R	Rear left/right door window regulator switch power
16	1.25 Y/R	Rear left/right door window regulator switch power(PEPS)
17	0.50 Br/B	Tail gate motor unlock power output
18	0.50 Br/Y	Lock signal
19	0.50 Br/W	Unlock signal
20	0.50 G/P	Reverse lamp power
21	0.85 Gr	Rear wiper return power
22	0.85 Gr/W	Rear wiper power
23	0.50 G/Gr	Brake lamp power
24	0.50 W/G	ESP switch signal

Instrument Harness Connector (I--)

IP Harness to Engine Harness Connector



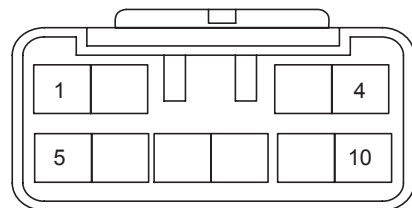
IE1

IE1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr/Y	A/C switch status signal
2	0.85 Y/B	Oil pressure switch status signal
3	0.50 W/BI	Vehicle speed signal
3		NC
4	0.85 W/R	Battery charging indicator
5	0.50 V/W	Engine speed signal
6		NC
6	0.50 B/W	Clutch switch status signal
7	0.50 G/Gr	Brake lamp switch status signal
8	0.50 P/G	K-line
9	0.50 P	Instantaneous fuel consumption signal
9	0.50 W/R	Instantaneous fuel consumption signal(PEPS)
10	0.50 W/Y	SVS fault indicator
11	0.50 G	Engine coolant temperature indicator signal
12	0.50 W/B	Engine speed signal
13	0.50 G/W	Brake switch status signal
14	0.50 P/W	MIL warning indicator
15	0.50 G	EPS switch signal
16		NC
17		NC
18		NC
19		NC
20		NC
21	0.50 R/B	Up shift indicator
22	0.50 R/Y	Down shift indicator

Instrument Harness Connector (I--)

IP Harness to Engine Harness Connector



IE2

IE2 Pin Definition

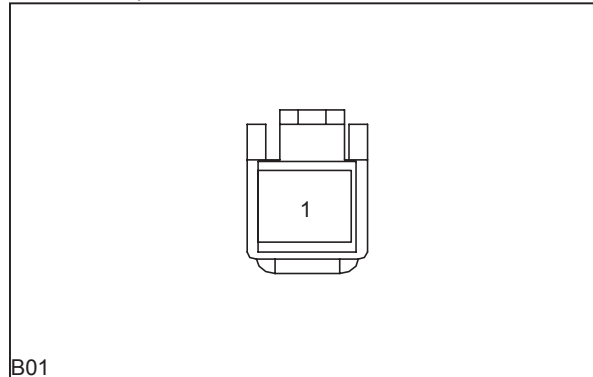
[illegible]

Instrument Harness Connector (I--)

Harness Connector View

Body Harness Connector (B--)

LF Door Lamp Switch Connector

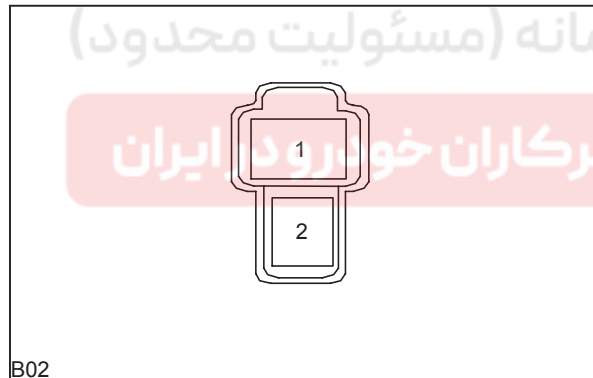


B01

B01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	Signal

Driver Side Seat Belt Switch Connector



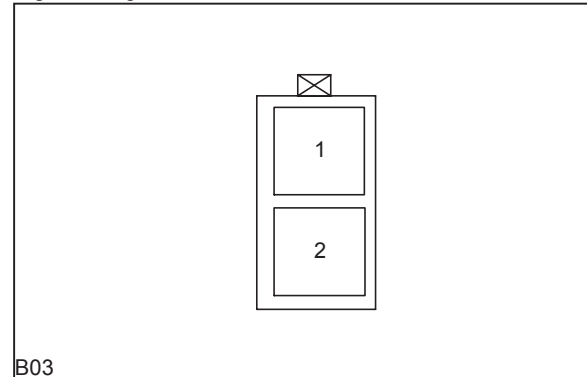
B02

B02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/G	Signal
2	0.50 B	Ground

Body Harness Connector (B--)

Cigarette Lighter Connector



B03

B03 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B	Ground
2	1.25 V/Y	Power

Cigarette Lighter Lighting Connector



B04

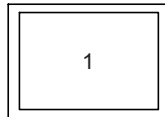
B04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	Background lamp power

Harness Connector View

Body Harness Connector (B--)

Parking Brake Switch Connector

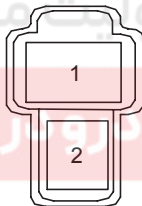


B05

B05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/P	Signal

Passenger Side Seat Belt Switch Connector



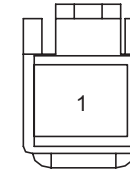
B06

B06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/Br	Signal
1	0.50 Gr	Signal(PEPS)
2	0.50 B	Ground

Body Harness Connector (B--)

RF Door Lamp Switch Connector

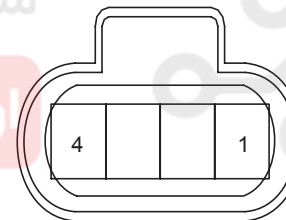


B07

B07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/Y	Signal

Fuel Pump Connector



B08

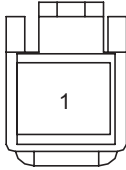
B08 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 R/W	Power
2	0.50 P/Y	Signal
3	0.50 W/B	Signal
4	1.25 B	Ground

Harness Connector View

Body Harness Connector (B--)

LR Door Lamp Switch Connector

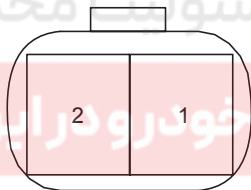


B09

B09 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/O	Signal

LR WSS Connector



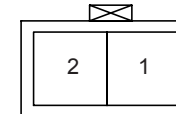
B10

B10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Bl	Signal
2	0.50 Br/Gr	Signal

Body Harness Connector (B--)

Antenna-2 Connector

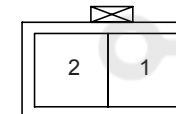


B11

B11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/Br	Signal -
2	0.50 V/Br	Signal +

Antenna-3 Connector



B12

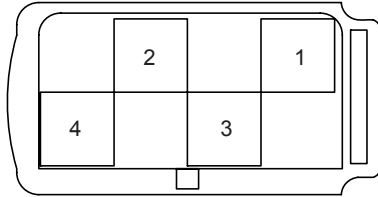
B12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/B	Signal -
2	0.50 P/Br	Signal +

Harness Connector View

Body Harness Connector (B--)

Body Yaw Rate Sensor Connector

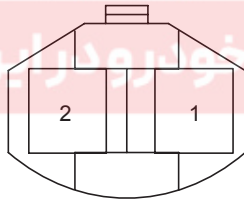


B13

B13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/B	Power
2	0.50 W/B	CAN-H/signal
3	0.50 W	CAN-L/signal
4	0.50 B	Ground

Trunk Lamp Connector



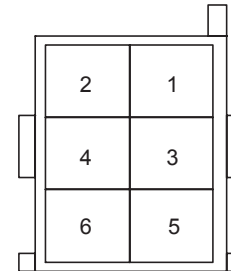
B14

B14 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/V	Power
2	0.50 B/P	Signal

Body Harness Connector (B--)

ESP Switch Connector

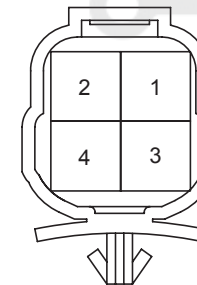


B15

B15 Pin Definition

Pin Number	Wire Width / Color	Function
1		
2	0.50 W/G	Signal
3	0.50 BI	Background lamp power
4	0.50 B	Ground
5		NC
6		NC

LR Combination Lamp Connector



B17

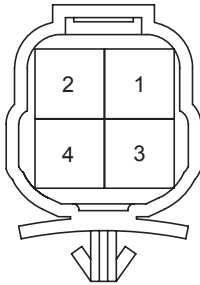
B17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	LR width lamp power
2	0.50 G/Gr	Brake lamp power
3	0.50 W/G	Left rear turn signal lamp power
4	0.50 B	Ground

Harness Connector View

Body Harness Connector (B--)

LR Combination Lamp Connector

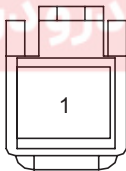


B18

B18 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	RR width lamp power
2	0.50 G/Gr	Brake lamp power
3	0.50 G	Right rear turn signal lamp power
4	0.50 B	Ground

RR Door Lamp Switch Connector



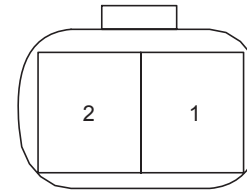
B19

B19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/V	Left rear door control switch status signal

Body Harness Connector (B--)

RR WSS Connector

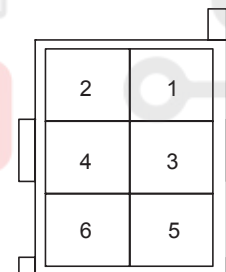


B20

B20 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/G	Signal -
2	0.50 Br/P	Signal +

Driver Side Seat Heating Switch(Black) Connector



B21

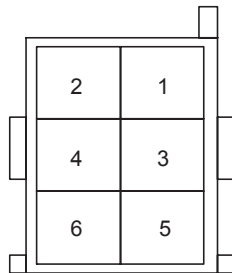
B21 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R	Power
2	0.50 BI	Background lamp power
3	0.50 Y	Signal
4	0.50 B	Ground
5		NC
6		NC

Harness Connector View

Body Harness Connector (B--)

Tail Gate Locking Switch(Green) Connector

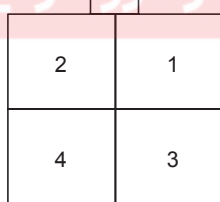


B22

B22 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 W/B	Signal
3	0.50 BI	Background lamp power
4	0.50 B	Ground
5		NC
6		NC

Driver Side Seat Heating Model Connector



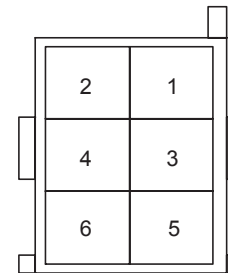
B23

B23 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	1.25 R	Power
3	1.25 B	Ground
4	0.50 Y	Signal

Body Harness Connector (B--)

Passenger Side Seat Heating Switch Connector

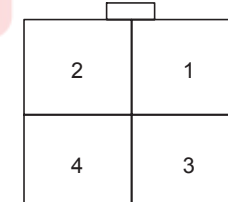


B24

B24 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R	Power
2	0.50 BI	Background lamp power
3	0.50 Y	Signal
4	0.50 B	Ground
5		NC
6		NC

Passenger Side Seat Heating Model Connector



B25

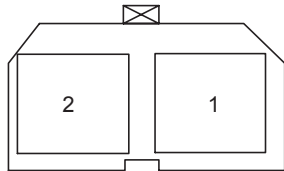
B25 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	1.25 R	Power
3	1.25 B	Ground
4	0.50 Y	Signal

Harness Connector View

Body Harness Connector (B--)

Panssenger Detector sensor Connector

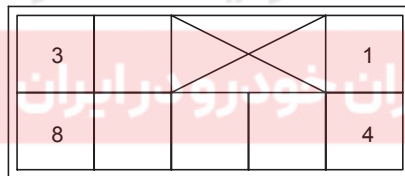


B26

B26 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr	Signal
2	0.50 W/Br	Signal

Body Harness to LR Door Harness Connector



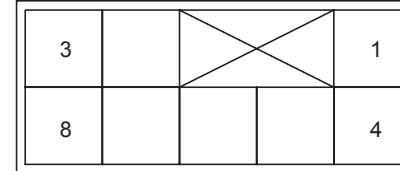
BD1

BD1 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/V	LR power window switch down signal
2	1.25 Y/Br	LR power window switch up signal
3	0.50 Br/W	Unlock signal
4	0.50 Br/Y	Lock signa
5	1.25 Y/R	LR power window switch power
6	0.50 V/G	LR speaker power +
7	0.50 V/Bl	LR speaker power -
8		NC

Body Harness Connector (B--)

Body Harness to RR Door Harness Connector



BD2

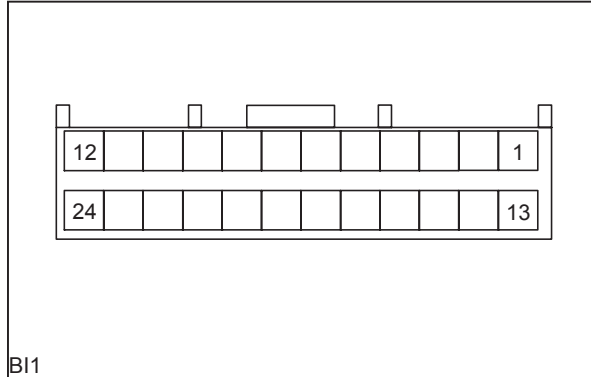
BD2 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/P	RR power window switch down signal
2	1.25 Y/O	RR power window switch up signal
3	0.50 Br/W	Unlock signal
4	0.50 Br/Y	Lock signa
5	1.25 Y/R	RR power window switch power
6	0.50 V/Y	RR speaker power +
7	0.50 V/O	RR speaker power -
8		NC

Harness Connector View

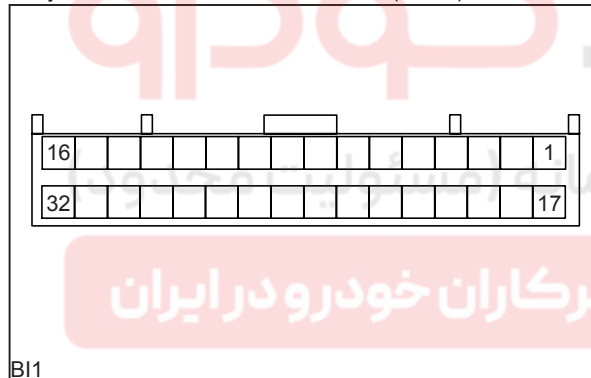
Body Harness Connector (B--)

Body Harness to IP Harness Connector



B11

Body Harness to IP Harness Connector(PEPS)



B11

Body Harness Connector (B--)

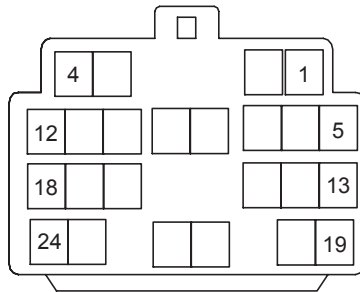
B11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	LF door control switch status signal
2	0.50 B/Y	RF door control switch status signal
3	0.50 B/O	LR door control switch status signal
4	0.50 B/V	RR door control switch status signal
5	0.50 R/Y	Reverse radar +
6	0.50 Gr/R	Left reverse radar signal
7	0.50 W/B	Fuel sensor, reverse radar ground
8	0.50 Gr/W	Right reverse radar signal
9	0.50 G/P	Parking brake switch status signal
10	0.50 P/Y	Fuel sensor signal
11	0.50 Br/P	RR wheel speed sensor signal +
12	0.50 Br/G	RR wheel speed sensor signal -
13	0.50 Br/Gr	LR wheel speed sensor signal +
14	0.50 Br/Bl	LR wheel speed sensor signal -
15	0.50 W/Br	Passenger seat belt switch status signal
16	0.50 W/G	Driver seat belt switch status signal
17	0.50 W/B	signal
18	0.50 G/V	Trunk lamp power
19	0.50 W/G	Left rear turn lamp power
20	0.50 G	Right rear turn lamp power
21	0.50 W/B	Hatchback door microswitch unlock signal input
22	0.50 W	signal
23	0.50 Bl/Br	Rear Bumper Antenna signal +
24	0.50 Br/B	Rear Bumper Antenna signal -
25	0.50 B/Br	Antenna signal -
26	0.50 V/Br	Antenna signal +
27	0.50 O/Br	Antenna signal -
28	0.50 P/Br	Antenna signal +
29	0.50 B	Rear camera signal-(PEPS)
30	0.50 W	Rear camera signal+(PEPS)
31	0.50 G	Rear camera power-(PEPS)
32	0.50 R	Rear camera power+(PEPS)

Harness Connector View

Body Harness Connector (B--)

Body Harness to IP Harness Connector



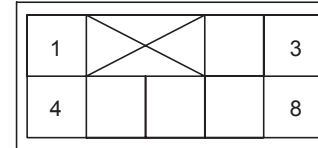
BI2

BI2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/O	RR speaker -
2	0.50 V/Y	RR speaker +
3	0.50 V/BI	LR speaker -
4	0.50 V/G	LR speaker +
5	0.50 G/Br	Rear fog lamp power
6	0.50 BI	Rear width lamp power
7	1.25 Y/Br	LR power window up signal
8	1.25 R/W	Fuel pump motor power
9	2.00 P	Rear defroster power
10	1.25 Y/V	LR power window down signal
11	1.25 Y/O	RR power window up signal
12	1.25 Y/P	RR power window down signal
13	0.50 B/P	Trunk switch status signal
14	1.25 R	Power
15	1.25 V/Y	Cigarette lighter power
16	1.25 V/R	Rear left/right door window regulator switch power
16	1.25 Y/R	Rear left/right door window regulator switch power(PEPS)
17	0.50 Br/B	Hatchback door motor unlock power output
18	0.50 Br/Y	Lock signal
19	0.50 Br/W	Unlock signal
20	0.50 G/P	Reverse lamp power
21	0.85 Gr	Rear wiper return power
22	0.85 Gr/W	Rear wiper power
23	0.50 G/Gr	Brake lamp power
24	0.50 W/G	ESP switch signal

Body Harness Connector (B--)

Body Harness to Rear Bumper Harness Connector



BM1

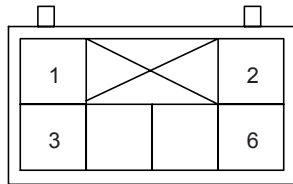
BM1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/Y	Reverse radar signal
2	0.50 Gr/R	Reverse radar signal
3	0.50 Gr/W	Reverse radar signal
4	0.50 BI	Background lamp power
5	0.50 B	Ground
6	0.50 W/B	Reverse radar signal
7	0.50 G/Br	Rear fog lamp power
8	0.50 B	Ground

Harness Connector View

Body Harness Connector (B--)

Body Harness to Rear Bumper Harness Connector



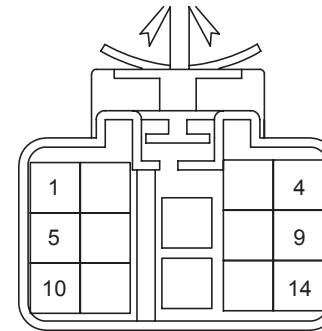
BM2

BM2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Bl/Br	Rear Bumper Antenna signal +
2	0.50 Br/B	Rear Bumper Antenna signal -
3	0.50 B	Signal -
4	0.50 W	Signal +
5	0.50 G	Power-
6	0.50 R	Power+

Body Harness Connector (B--)

Body Harness to Tail Gate Harness Connector



BT

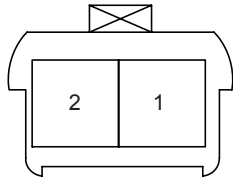
BT Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr/W	Rear wiper return power
2	0.85 Gr	Rear wiper power
3	0.50 B/P	LR door control switch status signal
4	0.50 Br/B	Hatchback door motor unlock power output
5	0.50 G/Gr	Brake lmap power
6	0.50 B	Left reverse radar signal
7	2.00 P	Rear defroster power
8	0.50 Bl	Right reverse radar signal
8	0.50 G/Gr	Parking brake switch status signal
9	0.50 G/P	Reverse lmap powe
10	0.50 W/B	Hatchback door microswitch unlock signal input
11	2.00 B	RR wheel speed sensor signal -
12		NC
13		NC
14		NC

Harness Connector View

Tail Gate Harness Connector (T--)

High Brake Lamp Connector

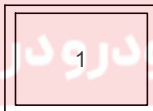


T01

T01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Gr	Power
2	0.50 B	Ground

Rear Dfroster Connector



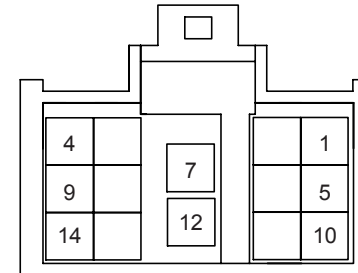
T02

T02 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P	Rear defroster power

Tail Gate Harness Connector (T--)

Tail Gate Harness to Body Harness Connector



TB

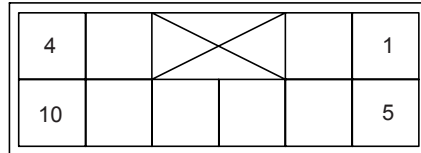
TB Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr/W	Rear wiper return power
2	0.85 Gr	Rear wiper power
3	0.50 B/P	LR door control switch status signal
4	0.50 Br/B	Hatchback door motor unlock power output
5	0.50 G/Gr	Brake lmap power
6	0.50 B	Left reverse radar signal
7	2.00 P	Rear defroster power
8	0.50 Bl	Right reverse radar signal
8	0.50 Gr	Right reverse radar signal(PEPS)
9	0.50 G/Gr	Parking brake switch status signal
9	0.50 G	Parking brake switch status signal(PEPS)
10	0.50 G/P	Reverse lmap power
11	0.50 W/B	Hatchback door microswitch unlock signal input
12	2.00 B	RR wheel speed sensor signal -
13		NC
14		NC

Harness Connector View

Tail Gate Harness Connector (T--)

Tail Gate Harness Connector



TL

TL Pin Definition

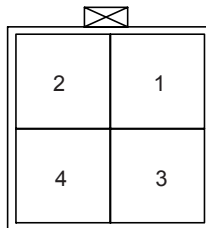
Pin Number	Wire Width / Color	Function
1	0.85 Gr/W	Rear wiper return power
2	0.85 Gr	Rear wiper power
3	0.50 B/P	LR door control switch status signal
4	0.50 Br/B	Hatchback door motor unlock power output
5	0.50 BI	Background lamp power
5	0.50 Gr	Background lamp power(PEPS)
6	0.50 G/Gr	Brake lmap power
6	0.50 G	Brake lmap power(PEPS)
7	0.50 G/P	Reverse lmap power
8	0.50 W/B	Hatchback door microswitch unlock signal input
9	2.00 P	Parking brake switch status signal
9	2.00 B	Parking brake switch status signal(PEPS)
10		NC

Tail Gate Harness Connector (T--)

Harness Connector View

Tail Gate Harness Connector (L--)

Rear Wiper Motor Connector

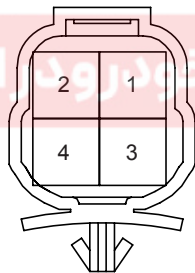


L01

L01 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 Gr	Return power
3	0.85 Gr/W	Power
4	0.85 B	Ground

RR Combination Lamp Connector



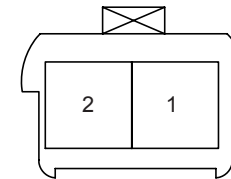
L02

L02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	RR width lamp power
2	0.50 G/Gr	Brake lamp power
3	0.50 G/P	Reverse lamp power
4	0.50 B	Ground

Tail Gate Harness Connector (L--)

Trunk Lamp Switch Connector

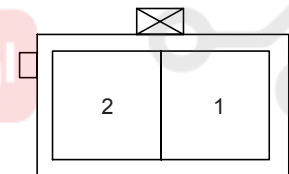


L03

L03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/P	Signal
2	0.50 B	Ground

Tail Gate Locking Connector



L04

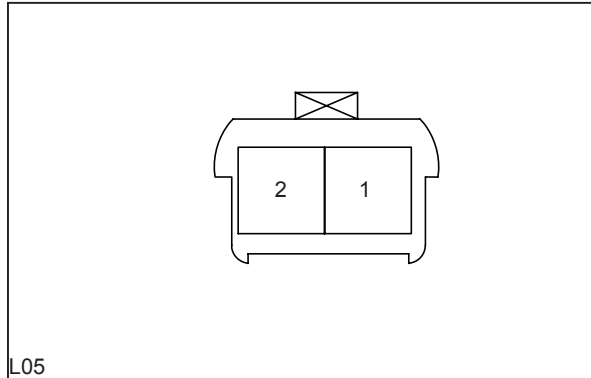
L04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/B	Unlock power output
2	0.50 B	Ground

Harness Connector View

Tail Gate Harness Connector (L--)

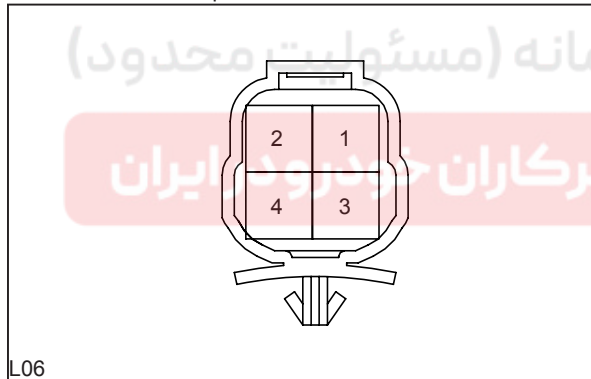
Tail Gate Microswitch Connector



L05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/B	Hatchback door microswitch unlock signal input
2	0.50 B	Ground

LR Combination Lamp Connector

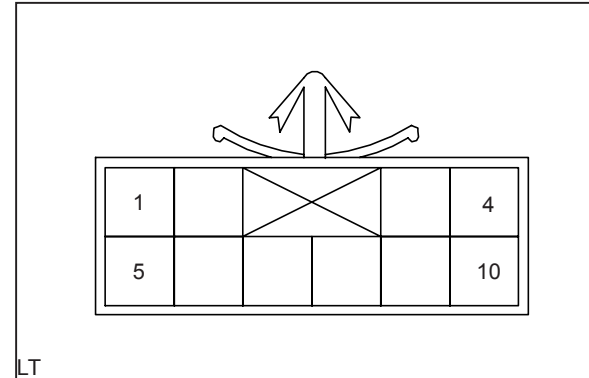


L06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	LR width lamp power
2	0.50 G/Gr	Brake lamp power
3	0.50 G/P	Reverse lamp power
4	0.50 B	Ground

Tail Gate Harness Connector (L--)

Tail Gate Harness Connector



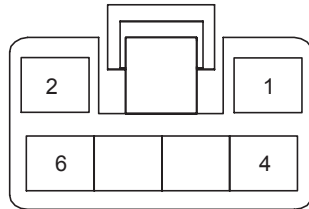
LT Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Gr/W	Rear wiper return power
2	0.85 Gr	Rear wiper power
3	0.50 B/P	LR door control switch status signal
4	0.50 Br/B	Hatchback door motor unlock power output
5	0.50 BI	Background lamp power
6	0.50 G/Gr	Brake lmap power
7	0.50 G/P	Reverse lmap power
8	0.50 W/B	Hatchback door microswitch unlock signal input
9	2.00 P	Parking brake switch status signal
9	2.00 B	Parking brake switch status signal(PEPS)
10		NC

Harness Connector View

Door Harness Connector(D--)

LF Power Window Motor Connector

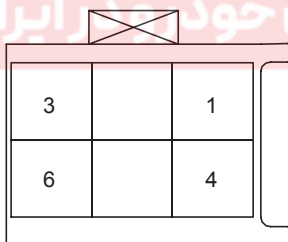


D01

D01 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	1.25 Y/B	LF power window switch down signal
5	1.25 Y/W	LF power window switch up signal
6		NC

Left Outside Rearview Mirror Connector



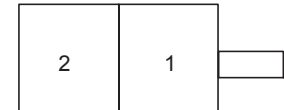
D02

D02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/Br	Left outside rearview turn left/right power
2	0.50 P	Left outside rearview heating power
3	0.50 G/W	Left side turn lamp power
4	0.50 Y/G	Left outside rearview turn up/down power
5	0.50 Y/W	Left front power window switch down signal
6	0.50 B	Ground

Door Harness Connector(D--)

LF Door Speaker Connector

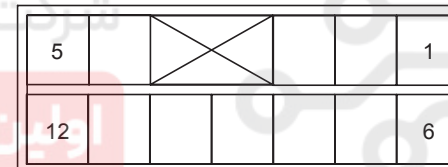


D03

D03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	Speaker +
2	0.50 V/B	Speaker -

LF Door Power Window Switch Connector



D04

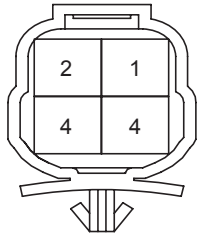
D04 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Bl	RF power window switch up signal
2	1.25 Y/G	RF power window switch down signal
3	1.25 Y	Power
4	1.25 Y/B	LF power window switch down signal
5	1.25 Y/W	LF power window switch up signal
6	2.00 Y/R	Power window switch power
7	1.25 Y/P	RR power window switch down signal
8	1.25 Y/O	RR power window switch up signal
9	2.00 B	Ground
10	2.00 Y	Power
11	1.25 Y/V	LR power window switch up signal
12	1.25 Y/Br	LR power window switch down signal

Harness Connector View

Door Harness Connector(D--)

LF Door Locking Connector

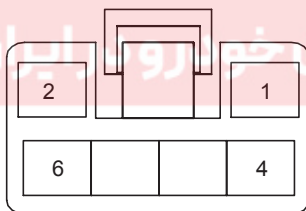


D05

D05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	lock signal
2	0.50 Br/W	Unlock signal
3	0.50 B	Ground
4	0.50 Br	LF door lock switch status power

RF Power Window Motor Connector



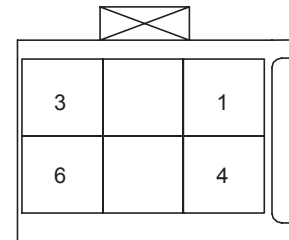
D06

D06 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	1.25 Y/Br	RF power window switch down signal
5	1.25 Y/V	RF power window switch up signal
6		NC

Door Harness Connector(D--)

Right Outside Rearview Mirror Connector

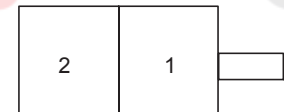


D07

D07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/Gr	Right outside rearview left/right power
2	0.50 P	Right outside rearview heating power
3	0.50 G/Y	Right side turn lamp power
4	0.50 Y/Bl	Right outside rearview up/down power
5	0.50 Y/W	Right front power window switch down signal
6	0.50 B	Ground

RF Door Speaker Connector



D08

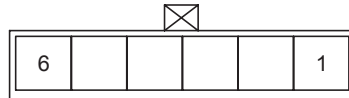
D08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Gr	Speaker -
2	0.50 V/Br	Speaker +

Harness Connector View

Door Harness Connector(D--)

RF Power Window Switch Connector

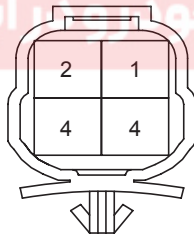


D09

D09 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/R	RF power window switch power
2	1.25 Y/G	RF power window switch down signal
3		NC
4	1.25 Y/Br	RF power window switch down signal
5	1.25 Y/V	RF power window switch up signal
6	1.25 Y/Bl	RF power window switch up signal

RF Door Locking Connector



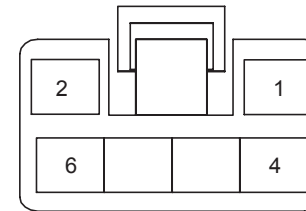
D10

D10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	Lock signal
2	0.50 Br/W	Unlock signal
3		NC
4		NC

Door Harness Connector(D--)

LR Power Window Motor Connector

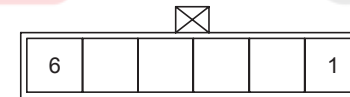


D11

D11 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	1.25 Y/G	LR power window switch up signal
5	1.25 Y/Bl	LR power window switch down signal
6		NC

LR Power Window Switch Connector



D12

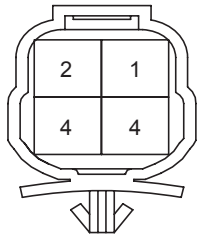
D12 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/R	LR power window switch power
2	1.25 Y/V	LR power window switch down signal
3		NC
4	1.25 Y/Bl	LR power window switch down signal
5	1.25 Y/G	LR power window switch up signal
6	1.25 Y/Br	LR power window switch up signal

Harness Connector View

Door Harness Connector(D--)

LR Door Locking Connector

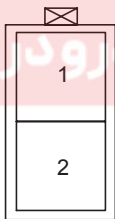


D13

D13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	Lock signal
2	0.50 Br/W	Unlock power
3		NC
4		NC

LR Speaker Connector



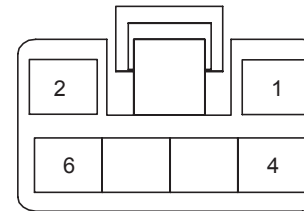
D14

D14 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/G	Speaker +
2	0.50 V/BI	Speaker -

Door Harness Connector(D--)

RR Power Window Motor Connector

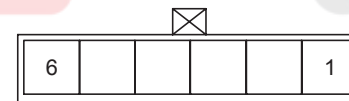


D15

D15 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	1.25 Y/P	RR power window switch up signal
5	1.25 Y/O	RR power window switch down signal
6		NC

RR Power Window Switch Connector



D16

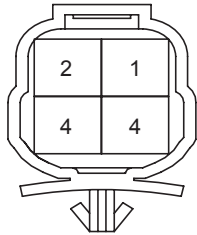
D16 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/R	RR power window switch power
2	1.25 Y/G	RR power window switch down signal
3		NC
4	1.25 Y/O	RR power window switch down signal
5	1.25 Y/P	RR power window switch up signal
6	1.25 Y/B	RR power window switch up signal

Harness Connector View

Door Harness Connector(D--)

RR Door Locking Connector

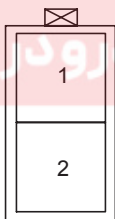


D17

D17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	Lock signal
2	0.50 Br/W	Unlock signal
3		NC
4		NC

RR Speaker Connector



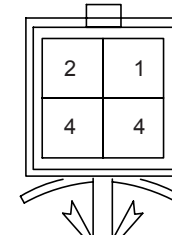
D18

D18 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Y	Speaker +
2	0.50 V/O	Speaker -

Door Harness Connector(D--)

LF Door Antenna Connector

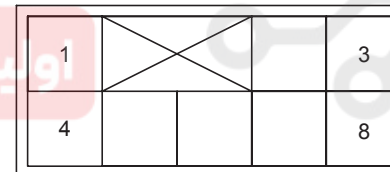


D19

D19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/W	Antenna signal -
2	0.50 Br/R	Antenna signal +
3	0.50 Br/Y	LF door Locking signal
4	0.50 Br/G	LF door Locking signal

LR Door Harness to IP Harness Connector



DB1

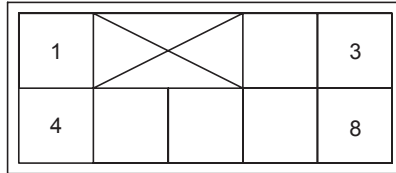
DB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/V	LR power window switch down signal
2	1.25 Y/Br	LR power window switch up signal
3	0.50 Br/W	Unlock signal
4	0.50 Br/Y	Lock signa
5	1.25 Y/R	LR power window switch power
6	0.50 V/G	LR speaker power +
7	0.50 V/BI	LR speaker power -
8		NC

Harness Connector View

Door Harness Connector(D--)

RR Door Harness to IP Harness Connector



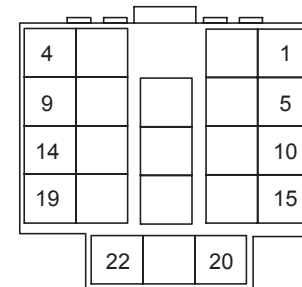
DB2

DB2 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/G	RR power window switch down signal
2	1.25 Y/B	RR power window switch up signal
3	0.50 Br/W	Unlock signal
4	0.50 Br/Y	Lock signa
5	1.25 Y/R	RR power window switch power
6	0.50 V/Y	RR speaker power +
7	0.50 V/O	RR speaker power -
8		NC

Door Harness Connector(D--)

LF Door Harness to IP Harness Connector



DI1

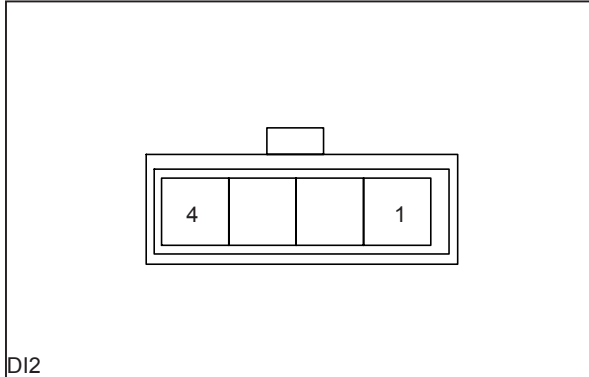
DI1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	LF door speaker +
2	0.50 V/B	LF door speaker -
3	0.50 P	Left outside rearview heating power
4	0.50 B	Ground
5	0.50 Y/Br	Left outside rearview left/right power
6	0.50 Y/G	Left outside rearview up/down power
7	2.00 B	Ground
8	0.50 Y/W	Left outside rearview up/down or left/right adjustment
9	1.25 Y/Bl	RF door power window up powe
10	1.25 Y/G	RF door power window down power
11	1.25 Y/Br	LR door power window up
12	2.00 Y	LF door power window switch power
13	1.25 Y/V	LR door power window down
14	1.25 Y/O	RR door power window up signal
15	1.25 Y/P	RR door power window down signal
16	0.50 G/W	Left side turn lamp power
17	1.25 Y/R	RR power window switch power
18	0.50 Br	LF door lock status switch signal
19	0.50 Br/Y	Lock signal
20	0.50 Br/W	Unlock signal
21		NC
22		NC

Harness Connector View

Door Harness Connector(D--)

IP Harness to LF Door Harness Connector

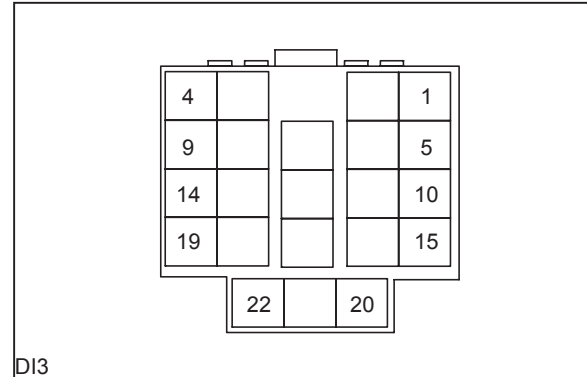


D12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/R	LF door antenna signal +
2	0.50 Br/W	LF door antenna signal -
3	0.50 Br/Y	LF door Locking signal
4	0.50 Br/G	LF door Locking signal

Door Harness Connector(D--)

RF Door Harness to IP Harness Connector



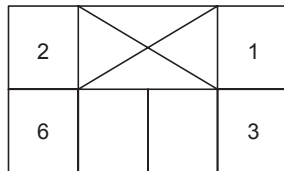
D13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Br	Speaker -
2	0.50 V/Gr	Speaker +
3	0.50 P	Left side rearview heating power
4	0.50 B	Ground
5	0.50 G/Y	Right side turn lamp power
6	1.25 Y/Bl	Right outside rearview up/down power
7	1.25 Y/R	RF power window switch down power
8	0.50 Y/W	Right front power window switch down signal
9	0.50 Br/W	Unlock signal
10	0.50 Br/Y	Lock signal
11	0.50 Y/Gr	Right outside rearview left/right power
12	1.25 Y/G	RF power window switch down signal
13		NC
14		NC
15		NC
16		NC
17	0.50 Y/Bl	Right outside rearview turn left/right power
18		NC
19		NC
20		NC
21		NC
22		NC

Harness Connector View

Roof Harness Connector(R--)

Front Dome Lamp Connector

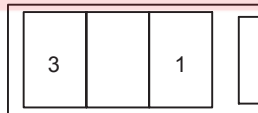


R01

R01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/V	Power
2	0.50 G/B	Sunroof switch signal
3	0.50 B	Ground
4	0.50 Gr	Sunroof switch signal
5	0.50 G	Sunroof switch signal
6	0.50 Gr/B	Instrument Cluster signal

Rear Dome Lamp Connector



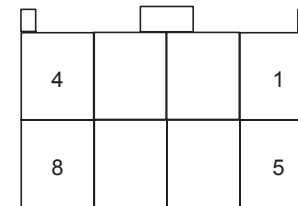
R03

R03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr/B	Instrument Cluster signal
2	0.50 G/V	Power
3	0.50 B	Ground

Roof Harness Connector(R--)

Sunroof Connector



R02

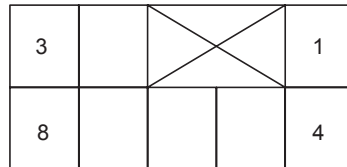
R02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/B	Sunroof switch signal
2	2.00 B	Ground
3	0.50 Y	Power
4		NC
5	0.50 G	Sunroof switch signal
6	2.00 R	Power
7		NC
8	0.50 Gr	Sunroof switch signal

Harness Connector View

Roof Harness Connector(R--)

Roof Harness to IP Harness Connector



RI

RI Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/V	Power
2	0.50 Gr/B	Instrument Cluster singal
3	0.50 Y	Power
4	2.00 R	Power
5	2.00 B	Ground
6	0.50 B	Ground
7		NC
8		NC

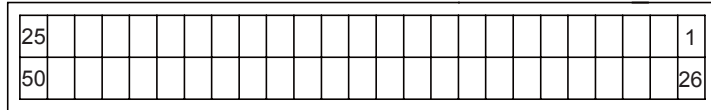
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Harness Connector View

SRS Harness Connector(S--)

SRS ECU Connector



S01

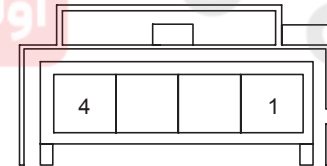
S01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/V	RF colision sensor signal
2	0.50 Y/Br	LF colision sensor signal
3	0.50 Y/R	Right side colision sensor signal
4	0.50 Y	Left side colision sensor signal
5	0.50 V/Br	LR door gas curtain signal
6	0.50 V/Y	LR door gas curtain signal
7	0.50 V/G	RF door gas curtain signal
8	0.50 V/W	RF door gas curtain signal
9	0.50 V/R	LF door gas curtain signal
10	0.50 O/B	LF door gas curtain signal
11		NC
12	0.50 O/Y	Passenger side airbag signal
13	0.50 O/G	Passenger side airbag signal
14		NC
15	0.50 O/R	Driver side airbag signal
16	0.50 O/W	Driver side airbag signal
17	0.50 W/R	K-line
18		NC
19	0.50 G	Air bag indicator
20	0.50 B	Ground
21	0.85 R	IG1 Power
22	0.50 O/Gr	Passenger side pre-safety belt signal
23	0.50 O/V	Passenger side pre-safety belt signal
24	0.50 O/Bl	Driver side pre-safety belt signal
25	0.50 O/Br	Driver side pre-safety belt signal
26	0.50 Y/Gr	RF colision sensor signal
27	0.50 Y/Bl	LF colision sensor signal
28	0.50 Y/G	Right side colision signal
29	0.50 Y/W	Left side colision signal

SRS Harness Connector(S--)

Pin Number	Wire Width / Color	Function
30	0.50 V/Bl	RR door gas curtain signal
31	0.50 V/Gr	RR door gas curtain signal
32		NC
33		NC
34		NC
35		NC
36		NC
37		NC
38		NC
39	0.50 G/Y	Colision signal
40		NC
41		NC
42		NC
43		NC
44		NC
45		NC
46		NC
47		NC
48		NC
49		NC
50		NC

Driver Side SRS Model Connector



S02

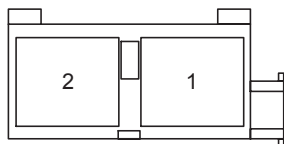
S02 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 O/R	Signal -
4	0.50 O/W	Signal +

Harness Connector View

SRS Harness Connector(S--)

Passenger Side SRS Model Connector

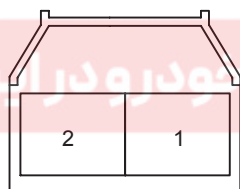


S03

S03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/Y	Signal -
2	0.50 O/G	Signal +

Passenger Seat Belt Wiring Connector



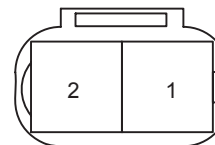
S04

S04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/V	Signal +
2	0.50 O/Gr	Signal -

SRS Harness Connector(S--)

RF Collision Sensor Connector

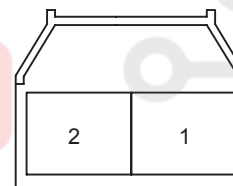


S05

S05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/R	Signal +
2	0.50 Y/G	Signal -

RR Door Gas Curtain Connector



S06

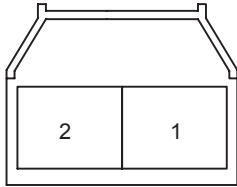
S06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Bl	Signal -
2	0.50 V/Gr	Signal +

Harness Connector View

SRS Harness Connector(S--)

RF Door Gas Curtain Connector

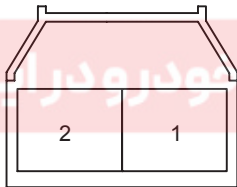


S07

S07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	Signal +
2	0.50 V/G	Signal -

LF Door Gas Curtain Connector



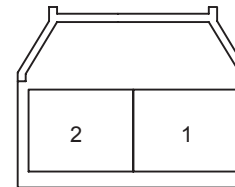
S08

S08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/B	Signal +
2	0.50 V/R	Signal -

SRS Harness Connector(S--)

Driver Seat Belt Wining Connector

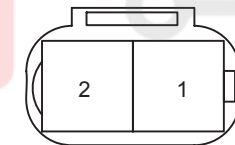


S09

S09 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/Br	Signal +
2	0.50 O/Bl	Signal -

LF Collision Sensor Connector



S10

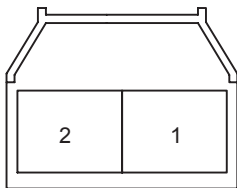
S10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y	Signal +
2	0.50 Y/W	Signal -

Harness Connector View

SRS Harness Connector(R--)

LR Door Gas Curtain Connector



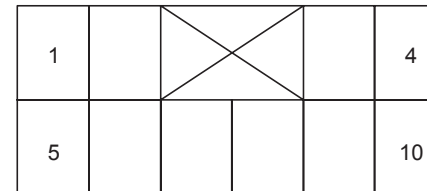
S11

S11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Y	Signal +
2	0.50 V/Br	Signal -

SRS Harness Connector(S--)

SRS Harness to IP Harness Connector



SI

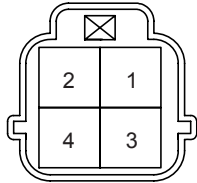
SI Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/V	RF colision sensor +
2	0.50 Y/Gr	RF colision sensor -
3	0.50 Y/Br	LF colision sensor +
4	0.50 Y/BI	LF colision sensor -
5	0.85 R	Power
6	0.50 G	Air bag indicator
7	0.50 W/R	K-line
8	0.50 G/Y	Colision signal
9		NC
10		NC

Harness Connector View

Rear Bumper Harness Connector(M--)

Reverse Radar Connector

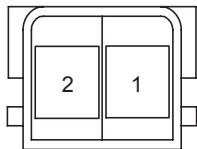


M01

M01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/B	Reverse radar ground
2	0.50 Gr/R	Reverse radar signal
3	NC	
4	0.50 R/Y	Reverse radar signal power

LR License Lamp Connector



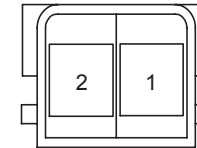
M02

M02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Bl	Power
2	0.50 B	Ground

Rear Bumper Harness Connector(M--)

RR License Lamp Connector

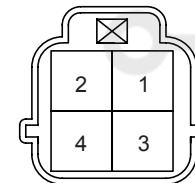


M03

M03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Bl	Power
2	0.50 B	Ground

Reverse Radar Connector



M04

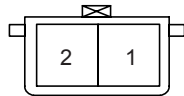
M04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/B	Reverse radar ground
2	0.50 Gr/W	Reverse radar signal
3	NC	
4	0.50 R/Y	Reverse radar signal power

Harness Connector View

Rear Bumper Harness Connector(M--)

LR Fog Lamp Connector

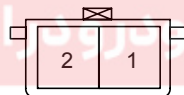


M05

M05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Br	Power
2	0.50 B	Ground

RR Fog Lamp Connector



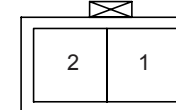
M06

M06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Br	Power
2	0.50 B	Ground

Rear Bumper Harness Connector(M--)

Rear Bumper Antenna Connector

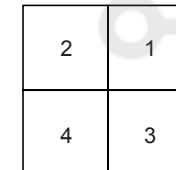


M07

M07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/B	Signal -
2	0.50 Bl/Br	Signal +

Rear Camera Connector



M08

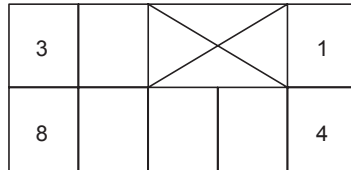
M08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W	Signal -
2	0.50 B	Signal +
3	0.50 G	Power-
4	0.50 R	Power+

Harness Connector View

Rear Bumper Harness Connector(M--)

Rear Bumper Harness to Body Harness Connector



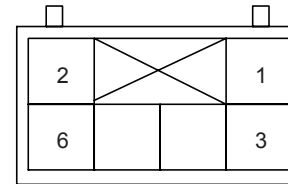
MB1

MB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/Y	Reverse radar signal power
2	0.50 Gr/R	Reverse radar signal (left)
3	0.50 Gr/W	Reverse radar signal (right)
4	0.50 Bl	Background lamp power
5	0.50 B	Ground
6	0.50 W/B	Reverse radar signal ground
7	0.50 G/Br	Rear fog lamp power
8	0.50 B	Ground

Rear Bumper Harness Connector(M--)

Rear Bumper Harness to Body Harness Connector



MB2

MB2 Pin Definition

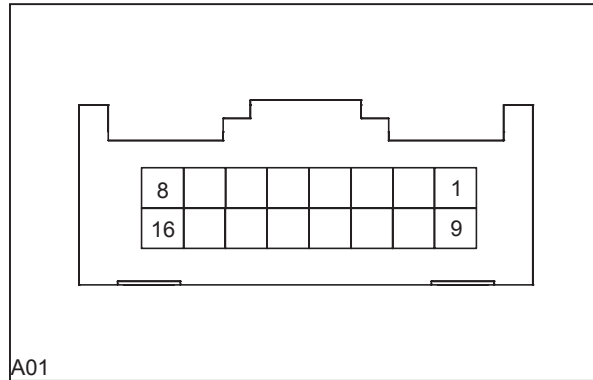
Pin Number	Wire Width / Color	Function
1	0.50 Bl/Br	Rear Bumper Antenna signal +
2	0.50 Br/B	Rear Bumper Antenna signal -
3	0.50 B	signal -
4	0.50 W	signal +
5	0.50 G	Power-
6	0.50 R	Power+

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Harness Connector View

Air Conditioning Harness Connector(A--)

A/C Control Padel Connector

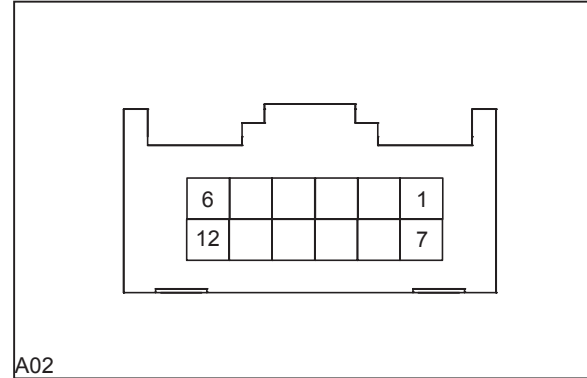


A01 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 Gr/G	In-outside circulation motor signal
4	0.50 Gr/Y	Evaporation temprature sensor signal
5	0.50 Gr/R	Air fixing motor signal
6	0.50 R/B	Air fixing motor signal
7	0.50 BI/W	Model motor signal
8	0.50 B/W	A/C compressor control
9		NC
10		NC
11	0.50 Gr/BI	Blower resistor signal
12	0.50 W/B	Blower resistor signal
13		NC
14		NC
15		NC
16	0.50 W/R	IG2 power

Air Conditioning Harness Connector(A--)

A/C Control Padel Connector



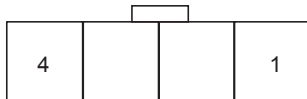
A02 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 Y	In-outside circulation motor signal
3	0.50 Br	Air fixing motor signal
4	0.50 R/G	Air fixing motor signal
5	0.50 R/Y	Background lamp
6		NC
7	0.50 Br/W	Model motor signal
8	0.50 Br/R	Model motor signal
9	0.50 BI/Y	Defrost heating control
10		NC
11	0.50 B	Ground
12	0.50 R/BI	In-outside circulation motor signal

Harness Connector View

Air Conditioning Harness Connector(A--)

Bolwer Adjusting Model Connector

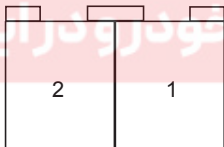


A03

A03 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 W/Y	Power
2	0.50 W/B	Blower resistor signal
3	0.50 Gr/Bl	Blower resistor signal
4	3.00 B	Ground

Evaporator Temperature Sensor Connector



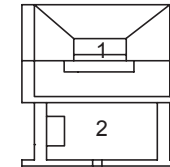
A04

A04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr/Y	Evaporation temprature sensor signal
2	0.50 B	Ground

Air Conditioning Harness Connector(A--)

Bolwer Connector

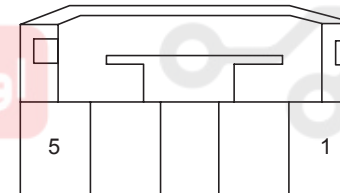


A05

A05 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 R	Power
2	3.00 W/Y	Ground

Inside and Outside Circulation Motor Connector



A06

A06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/Bl	In-outside circulation motor signal
2	0.50 Gr/G	In-outside circulation motor signal
3		NC
4		NC
5	0.50 Y	In-outside circulation motor signal