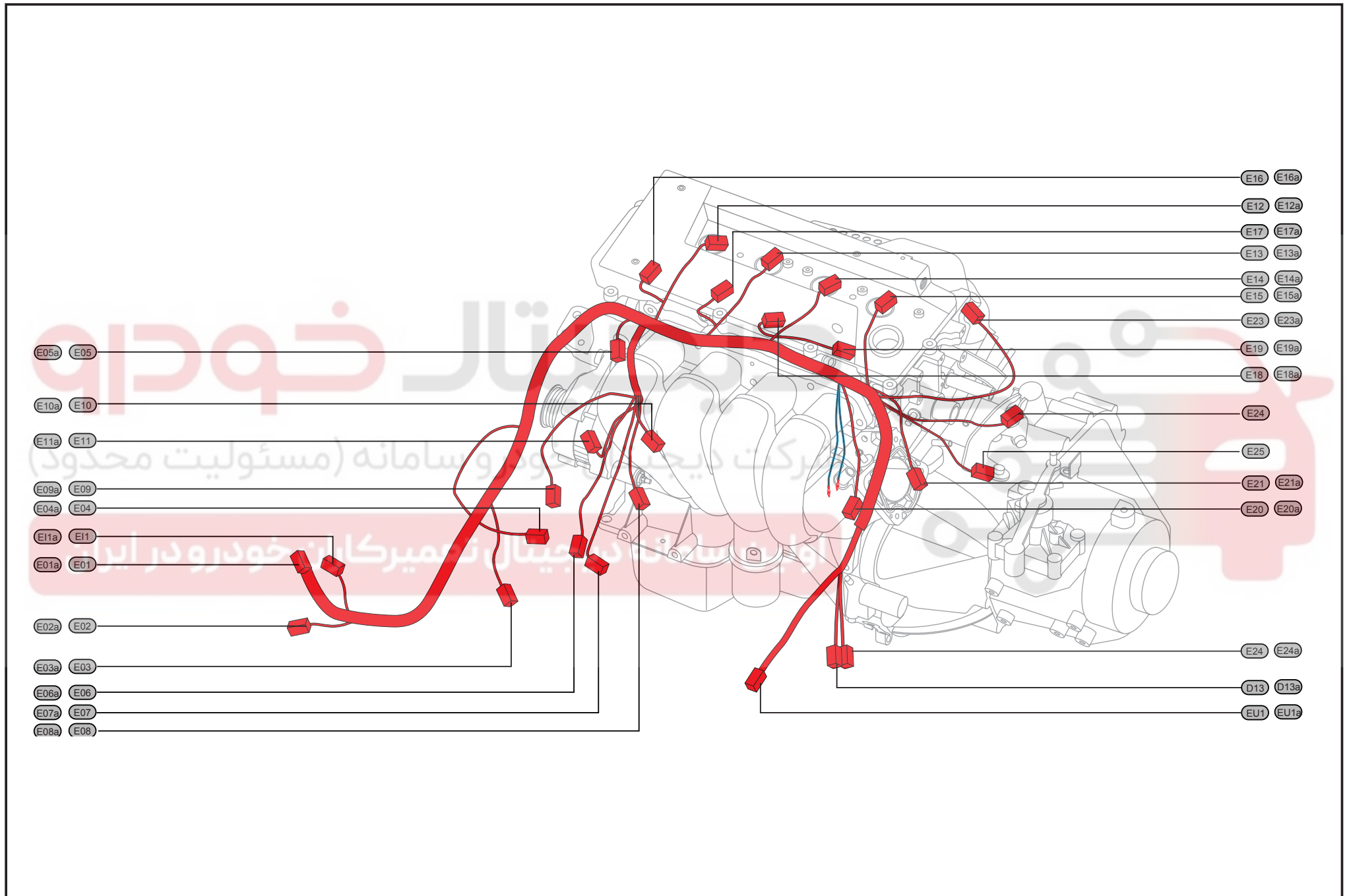


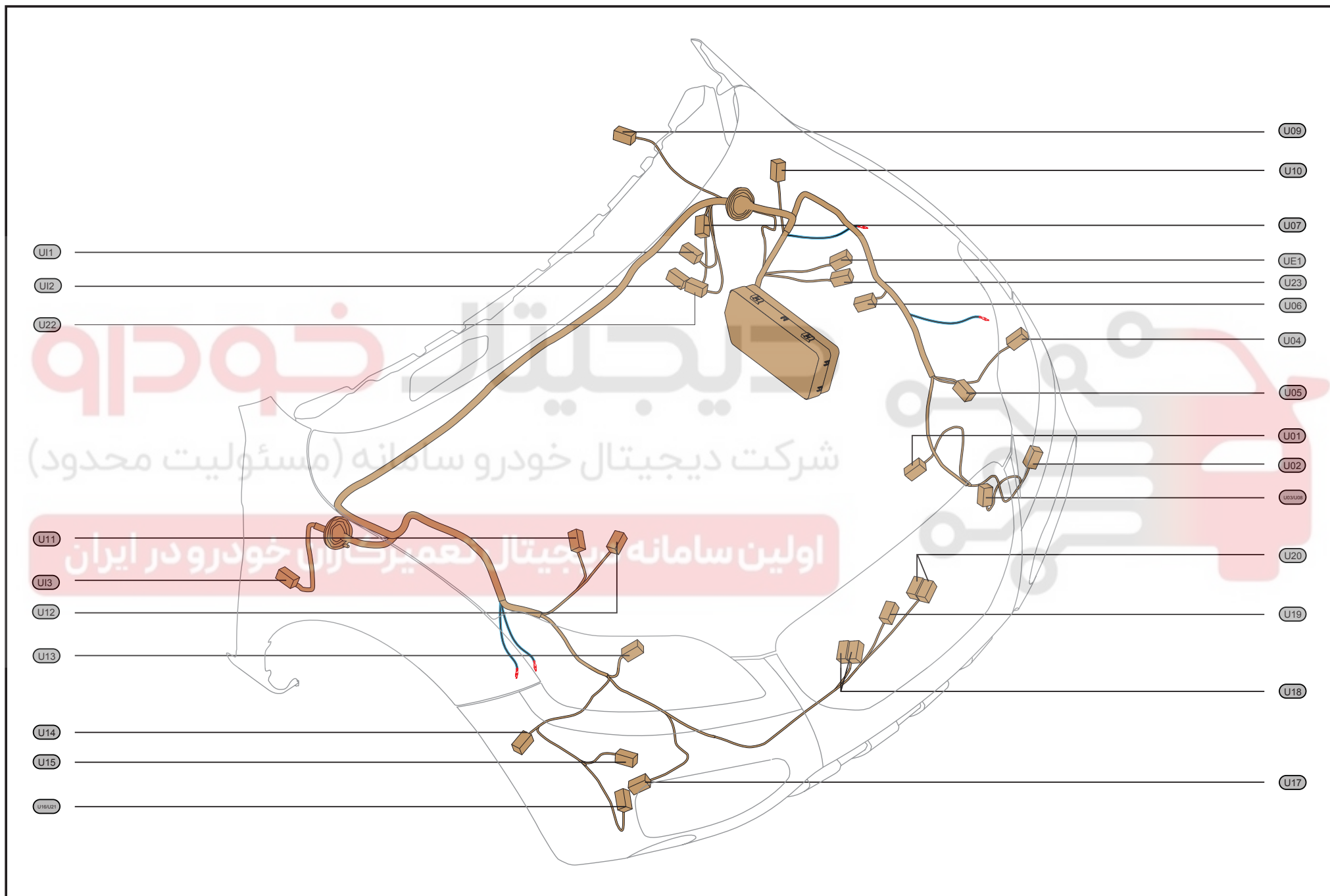
Engine Harness Connector Location View



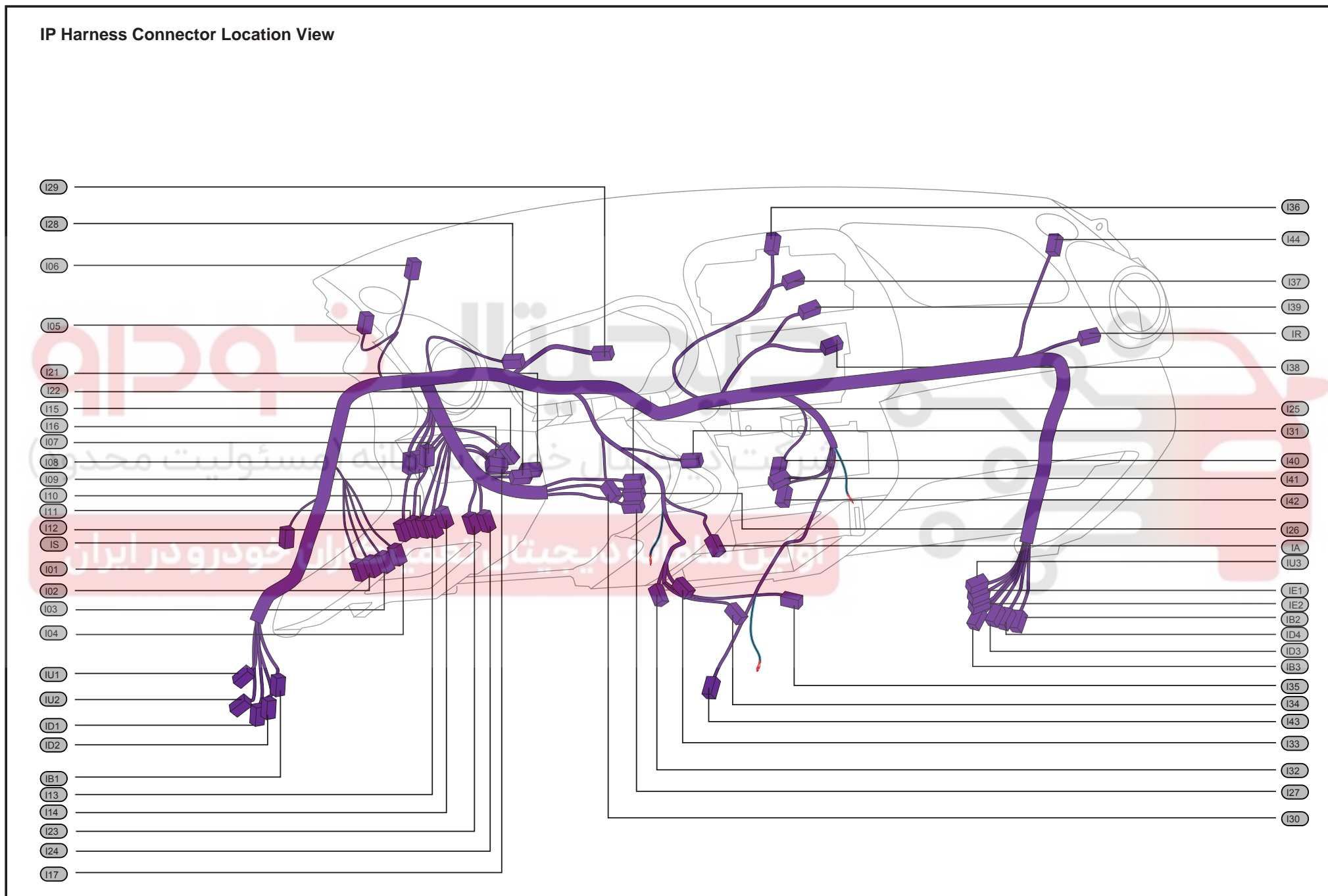
- E05a E05
- E10a E10
- E11a E11
- E09a E09
- E04a E04
- E11a E11
- E01a E01
- E02a E02
- E03a E03
- E06a E06
- E07a E07
- E08a E08

- E16 E16a
- E12 E12a
- E17 E17a
- E13 E13a
- E14 E14a
- E15 E15a
- E23 E23a
- E19 E19a
- E18 E18a
- E24
- E25
- E21 E21a
- E20 E20a
- E24 E24a
- D13 D13a
- EU1 EU1a

Engine Compartment Harness Connector Location View

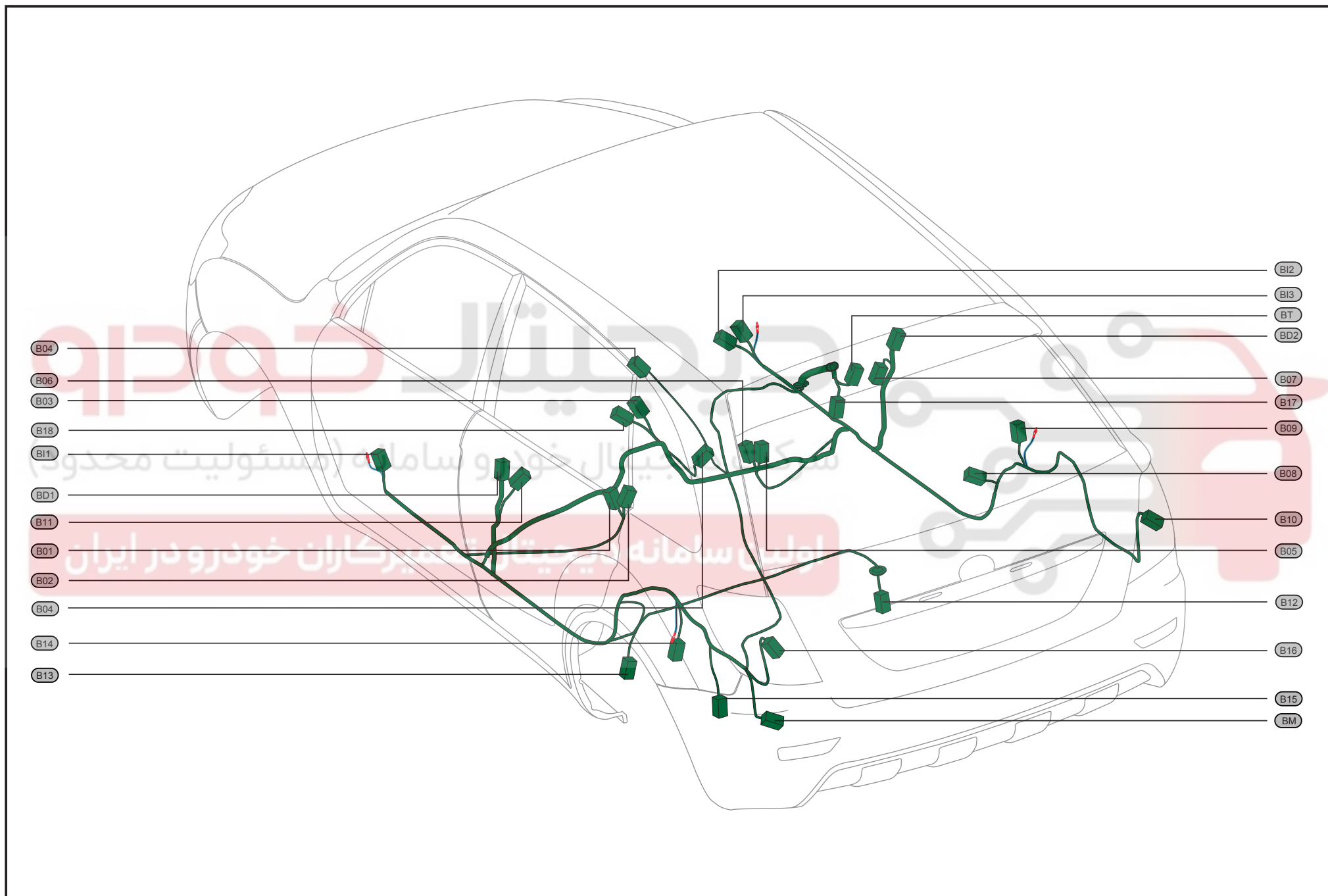


IP Harness Connector Location View

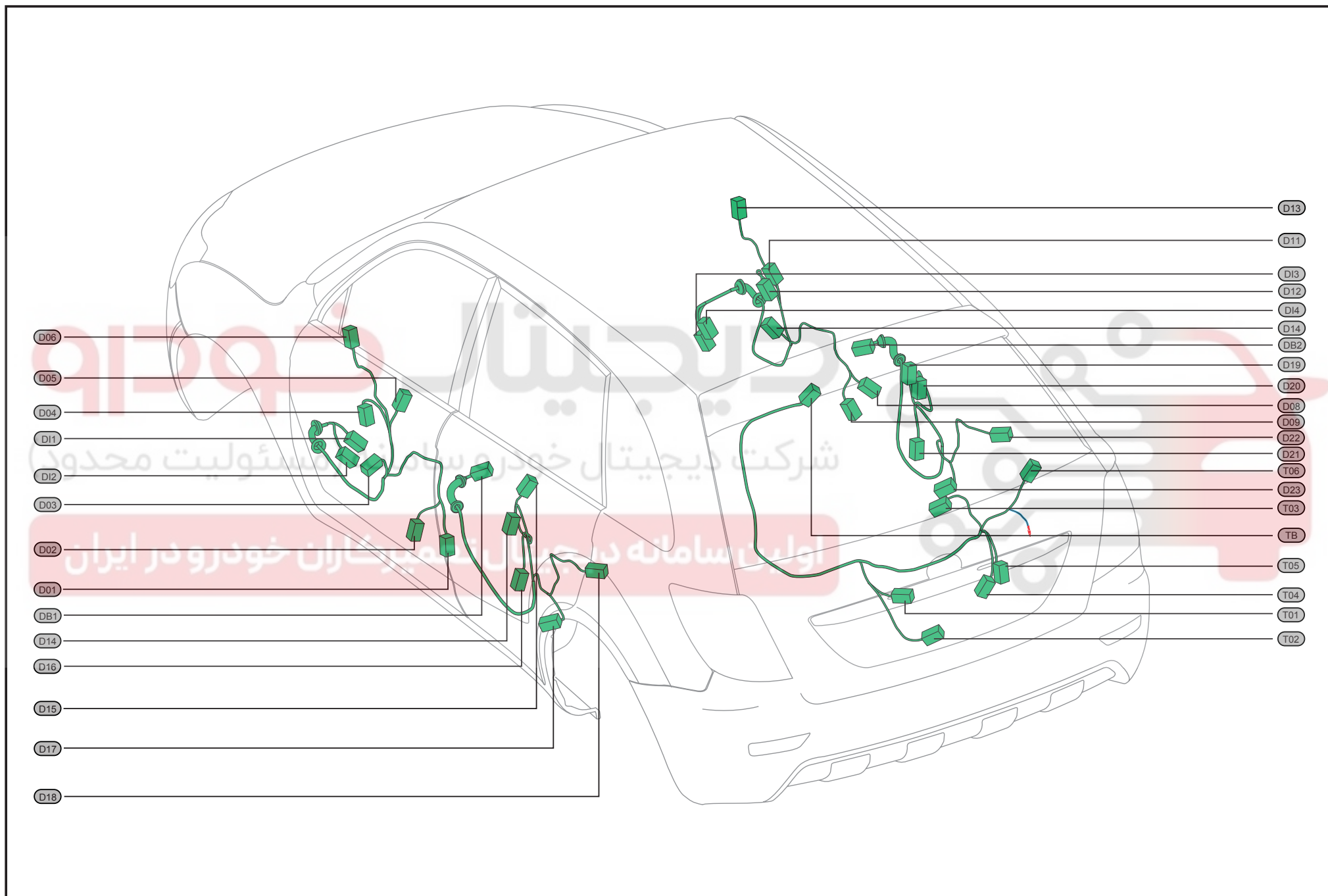


LIFAN X60

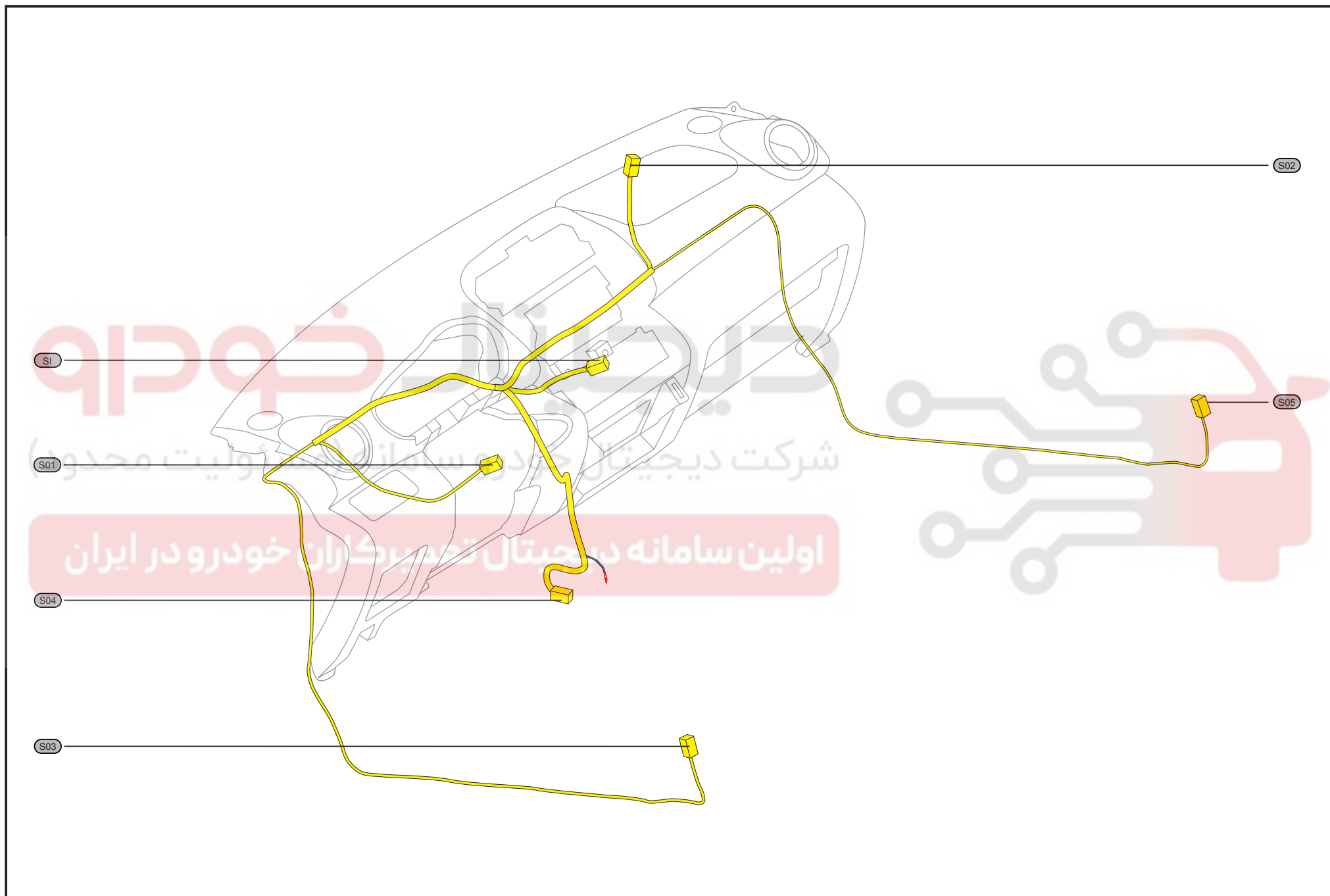
Body Harness Connector Location View



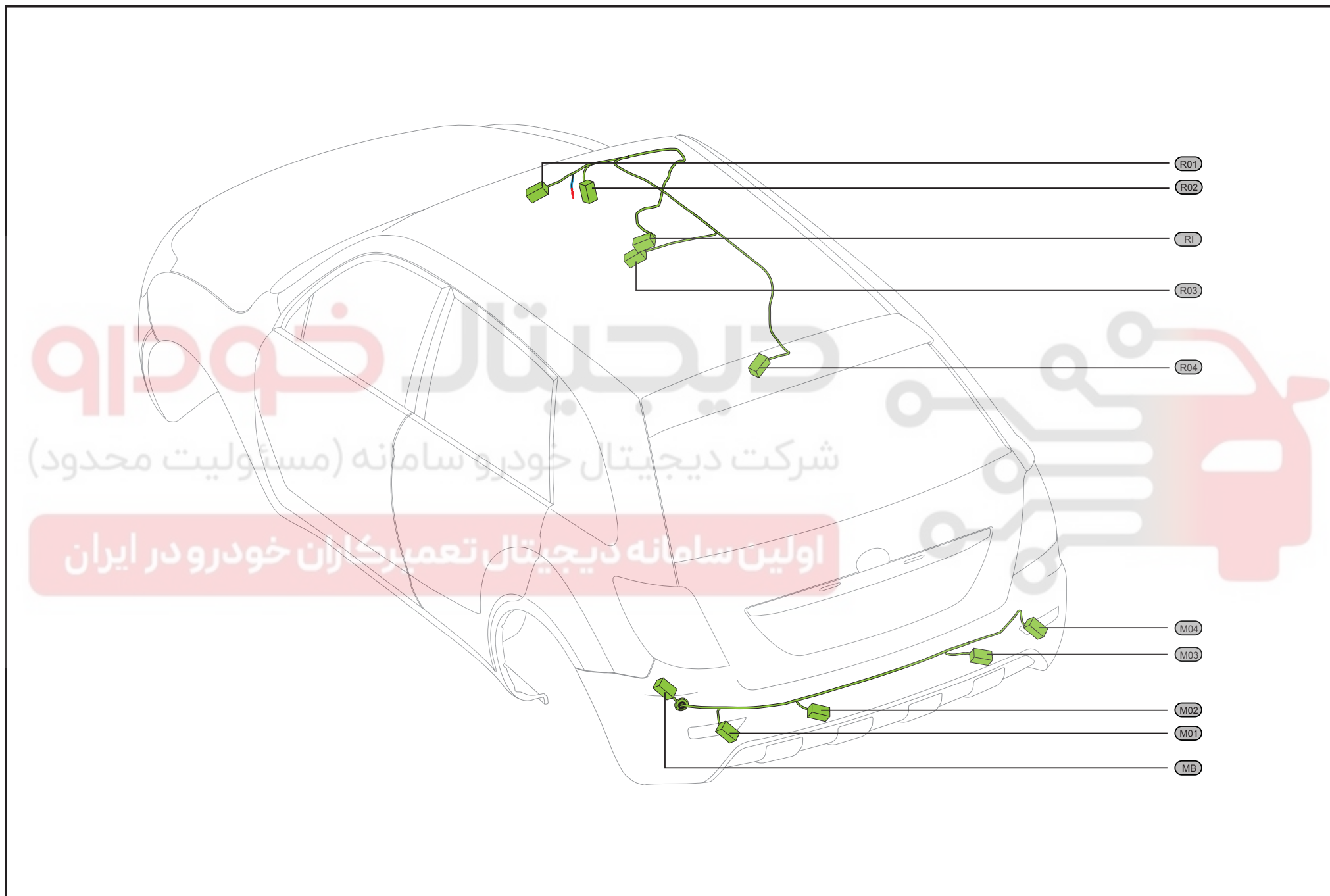
Door and Tail Gate Harness Connector Location View



Airbag Harness Connector Location View

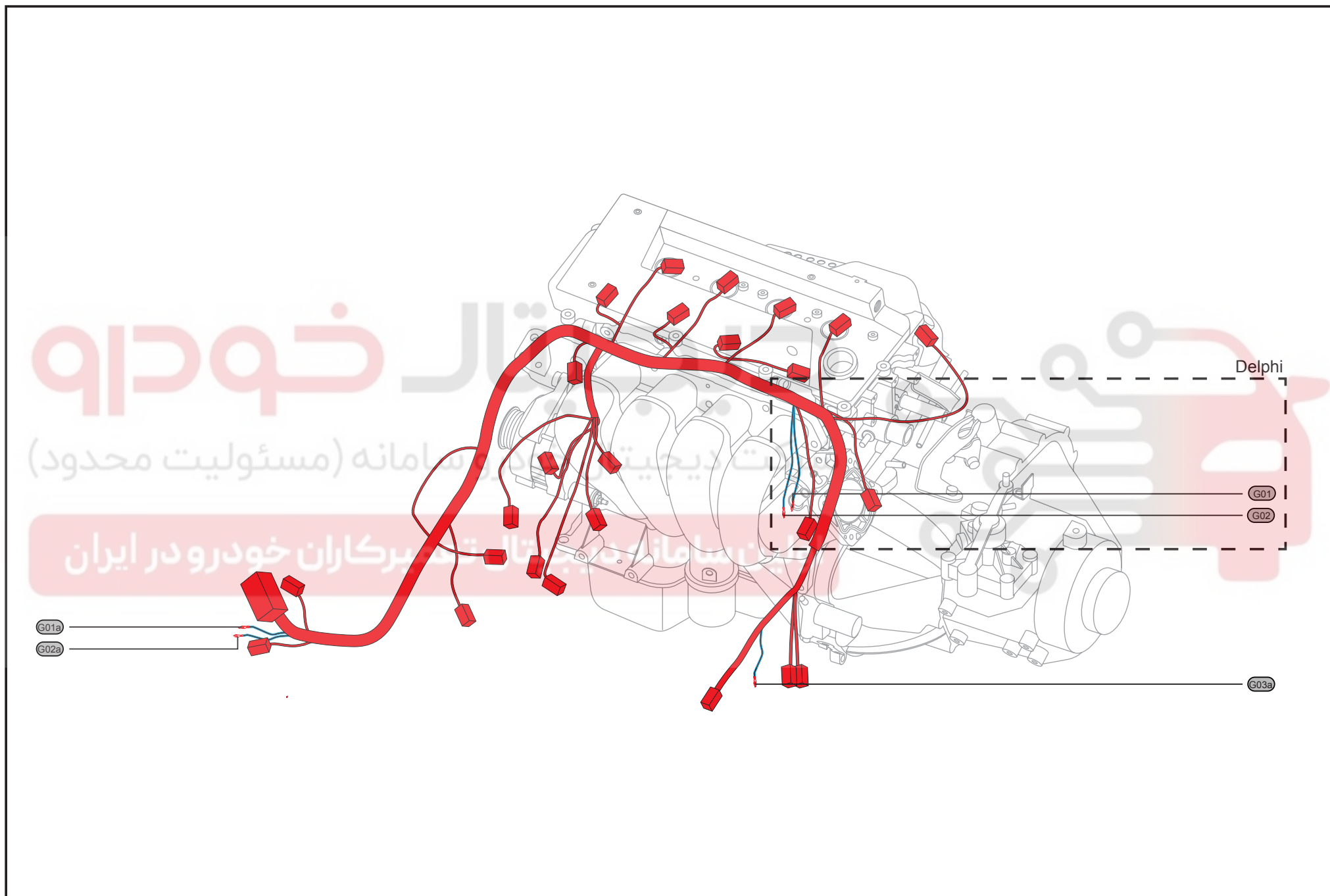


Roof Harness Connector Location View



LIFAN X60

Ground Point Location View-G01-G02-G01a-G02a-G03a



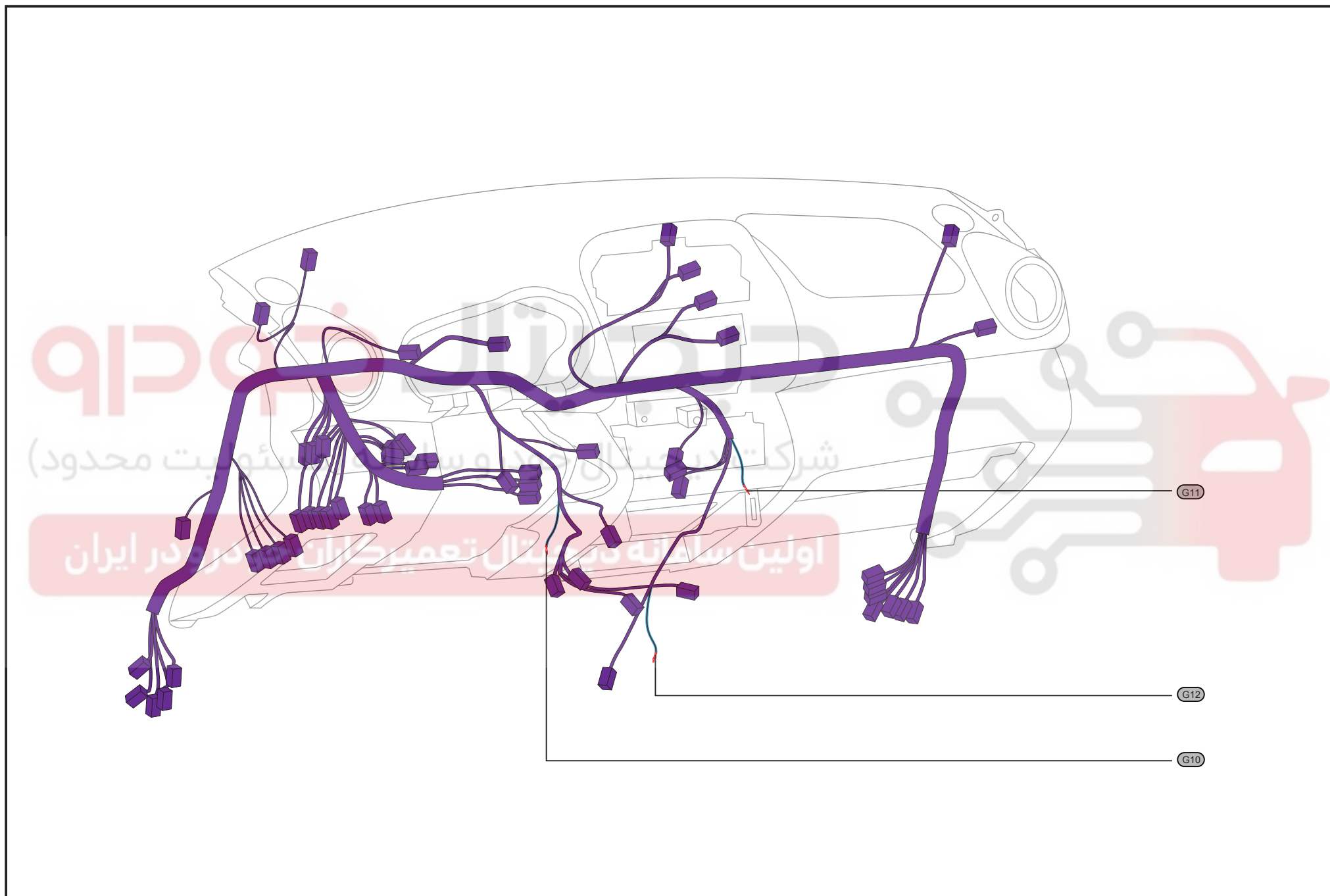
G01a
G02a

Delphi

G01
G02

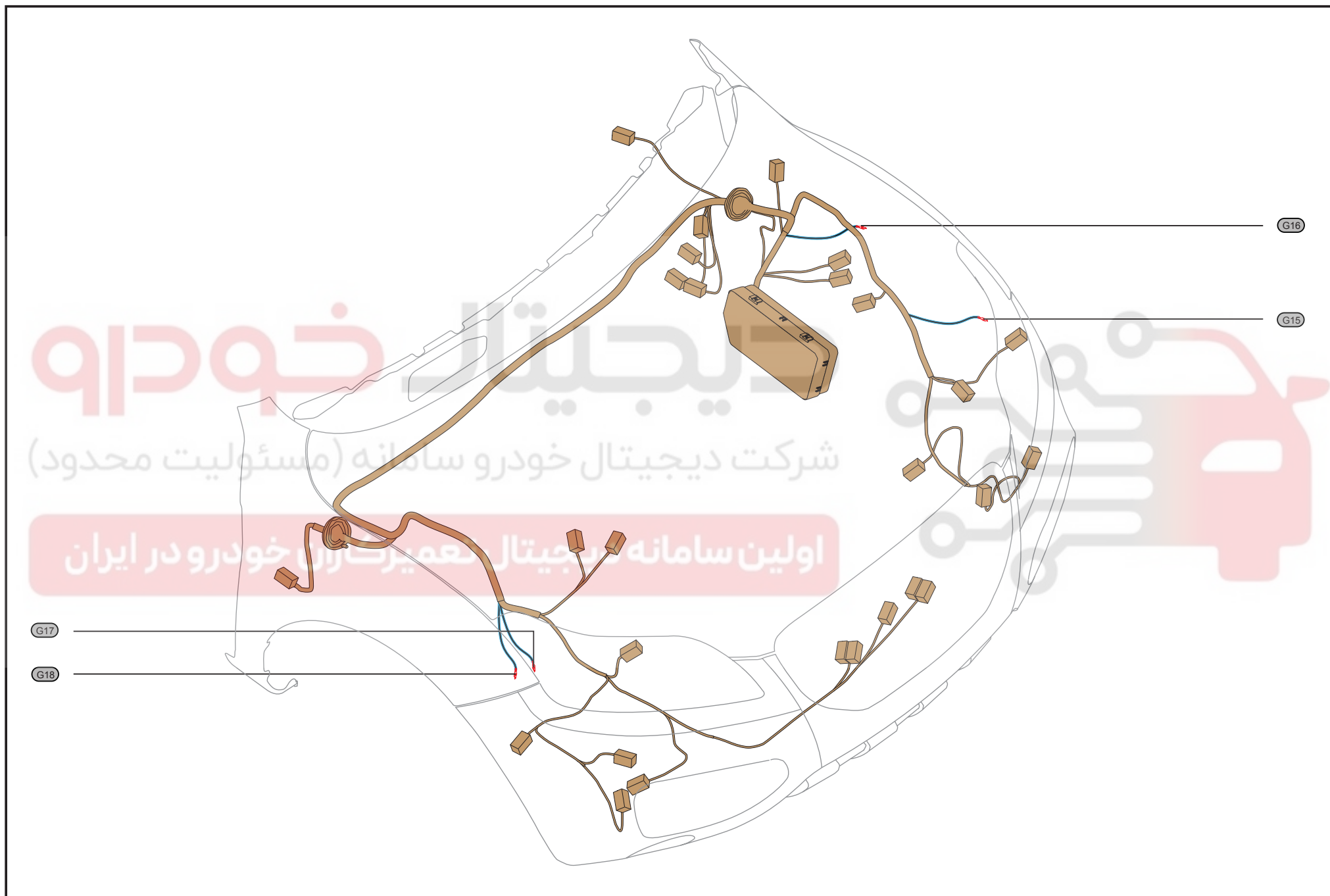
G03a

Ground Point Location View-G10-G11-G12

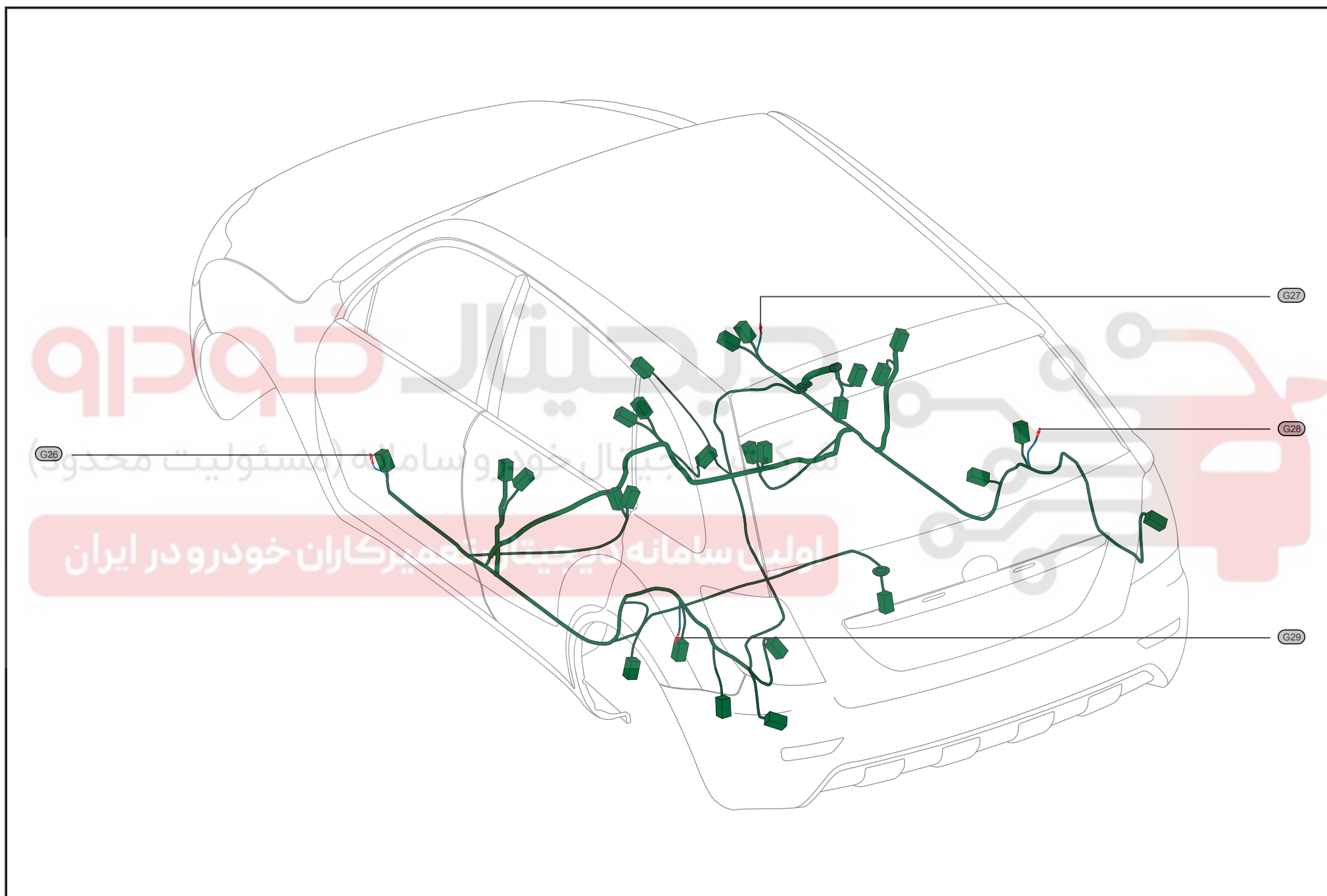


LIFAN X60

Ground Point Location View-G15-G16-G17-G18

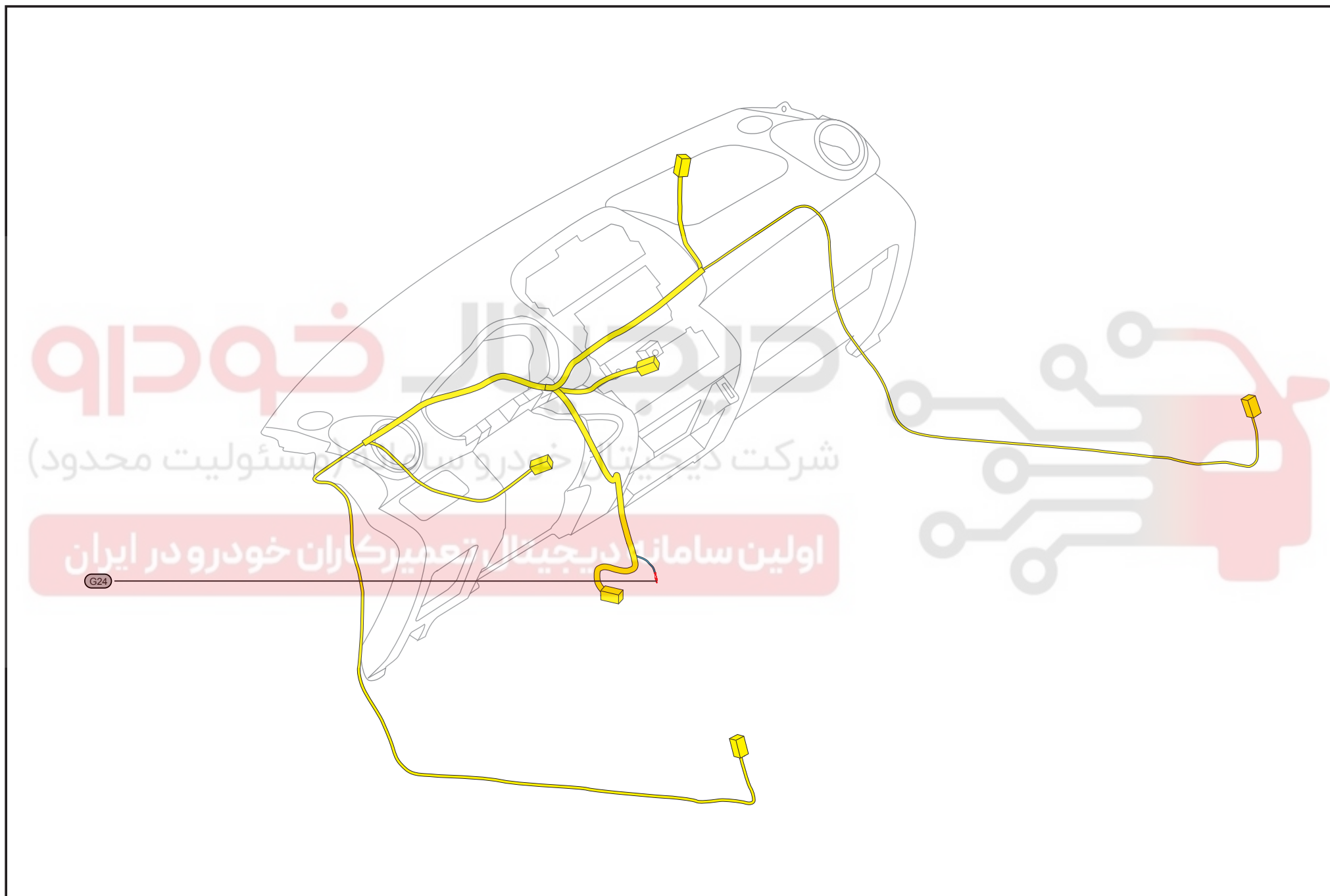


Ground Point Location View-G26-G27-G28-G29



دیجیتال خودرو
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Ground Point Location View-G24

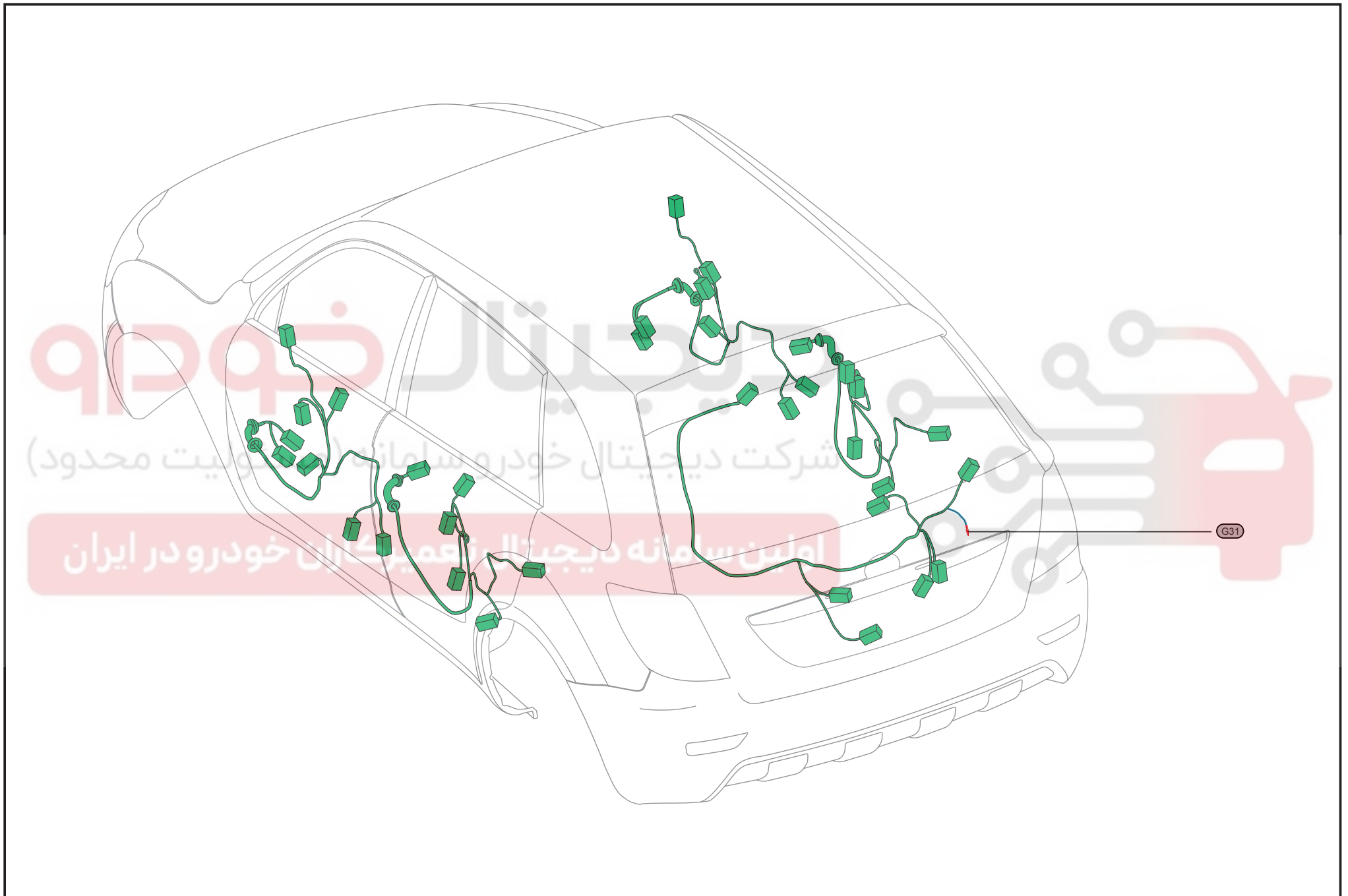


Ground Point Location View-G21



LIFAN X60

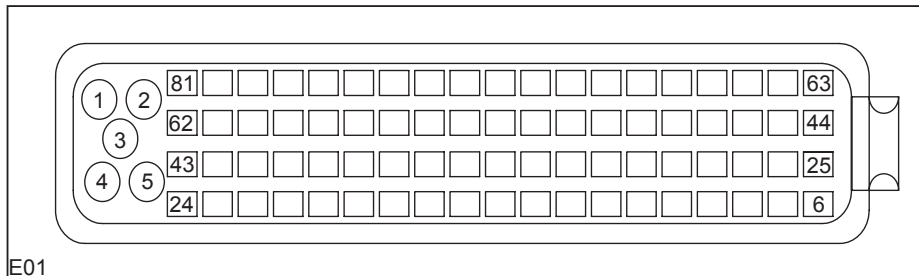
Ground Point Location View-G31



Harness Connector View

Engine Harness Connector (E--)

ECU Connector



E01

E01 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G/W	Cylinder 3 ignition coil signal
2	0.85 B	Ground
3	3.00 B	Ground
4	2.00 G/R	Cylinder 1 ignition coil signal
5	0.85 BI/R	Main relay power
6	0.50 O/B	Cylinder 1 Injector signal
7	0.85 P/Y	Cylinder 3 Injector signal
8	0.85 Y/R	Cylinder 2 Injector signal
9	0.50 B/O	Fuel pump control signal
10	0.50 W	A/C relay control signal
11	0.50 BI	CKP signal L
12	0.50 W/BI	SVS signal
13		NC
14		NC
15		NC
16		NC
17	0.50 O/BI	High speed fan control signal
18		NC
19	0.50 G	Check engine signal
20	0.50 V	TPS power-
21	0.50 Y	TPS power+
22		NC
23	0.50 G	Rear oxygen sensor signal
24	0.85 V/W	Front oxygen sensor signal
25	0.85 G/Y	Cylinder 4 Injector signal
26		NC
27	0.50 P	TPS GND
28		NC
29		NC
30	0.50 G	CKP signal H
31		NC

Engine Harness Connector (E--)

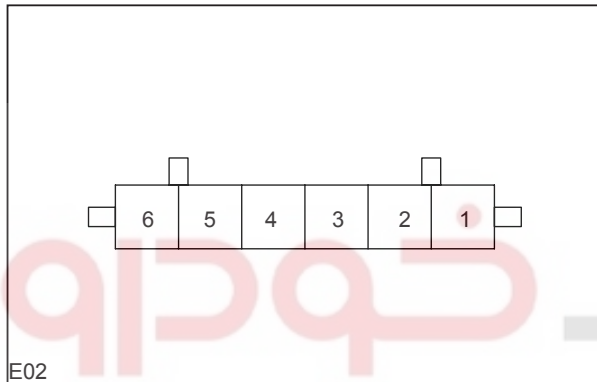
32		NC
33	0.50 BI/R	Brake switch signal
34		NC
35	0.50 W/BI	Headlamp open signal
36	0.50 W	KS signal+
37	0.50 B	KS signal-
38	0.50 BI/W	CAN-L
39	0.50 BI/B	CAN-H
40	0.50 G	A/C pressure switch signal
41	0.50 R/Y	APP signal
42	0.50 Gr	APP signal
43	0.85 Y/W	VVT valve signal
44	0.85 Y	Main relay power
45		NC
46	0.50 P/W	IMMO signal
47	0.85 O/Y	Front oxygen sensor heating signal
48	0.50 Gr	Rear oxygen sensor heating signal
49	0.50 Y/B	ECT signal
50		NC
51	0.50 O/G	Speed signal output
52	0.50 BI/G	TPS signal
53		NC
54	0.50 P	MAP/IAT signal
55		NC
56		NC
57		NC
58		NC
59	0.50 W/G	Signal
60	0.50 BI/G	Power steering switch signal
61	0.50 Br	Coolant temperature signal
62	2.00 Br	Cylinder 4 ignition coil signal
63		NC
64	0.85 W/G	Canister solenoid signal
65	0.50 BI/Y	Low speed fan control signal
66	0.50 R/W	APP signal
67	0.85 R	Battery power
68	1.25 B/W	IG2 power
69	0.50 W/BI	Brake signal
70	0.50 R/B	Signal
71	0.50 BI	MAP/IAT signal
72		NC
73	0.50 V/B	Rear oxygen sensor heating signal
74	0.50 W	Signal
75	0.50 P/G	K-line
76	0.50 W/B	Signal
77	0.50 G/W	CMP signal
78		NC

Harness Connector View

Engine Harness Connector (E--)

Pin Number	Wire Width / Color	Function
79	0.50 R/G	A/C pressure switch signal
80	0.50 W/B	Engine speed signal output
81	2.00 P/G	Cylinder 2 ignition coil signal

Accelerator Pedel Position Sensor Connector

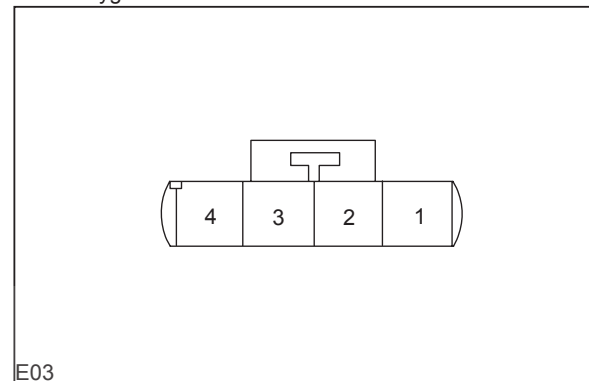


E02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr	Signal
2	0.50 W/B	Signal
3	0.50 R/Y	Signal
4	0.50 W	Signal
5	0.50 R/B	Signal
6	0.50 R/W	Signal

Engine Harness Connector (E--)

Front Oxygen Sensor Connector



E03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Bl/R	Power
2	0.85 V/W	Signal
3	0.85 O/Y	Heating control signal
4	0.85 V/B	Heating control signal

Power Steering Switch Connector



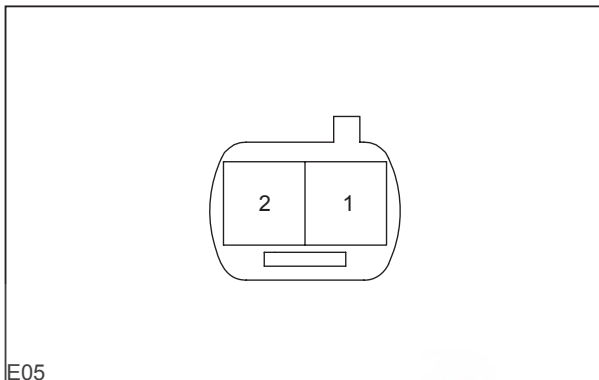
E04 Pin Definition

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

Harness Connector View

Engine Harness Connector (E--)

Intake VVT Valve Connector



E05

E05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/W	Power
2	0.85 BI/Y	Signal

Alternator Connector



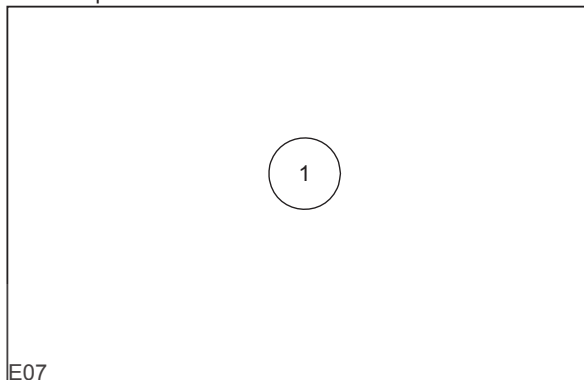
E06

E06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 R	Battery power
2	1.25 B/W	IG2 power
3	0.85 V	Charging indicator signal

Engine Harness Connector (E--)

A/C Compressor Switch Connector



E07

E07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/W	Power

Oil Pressure Switch Connector



E08

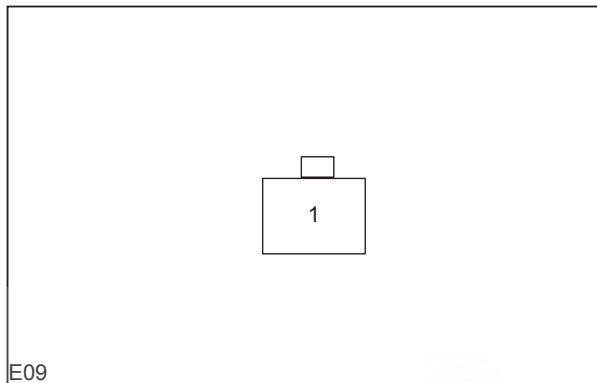
E08 Pin Definition

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

Harness Connector View

Engine Harness Connector (E--)

Starter Connector

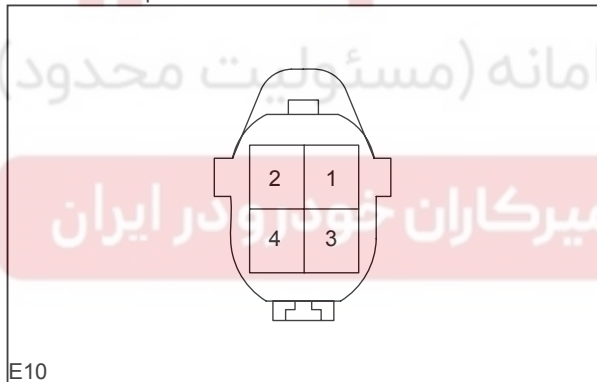


E09

E09 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 B/Y	Power

Intake Air Temperature/Pressure Sensor Connector



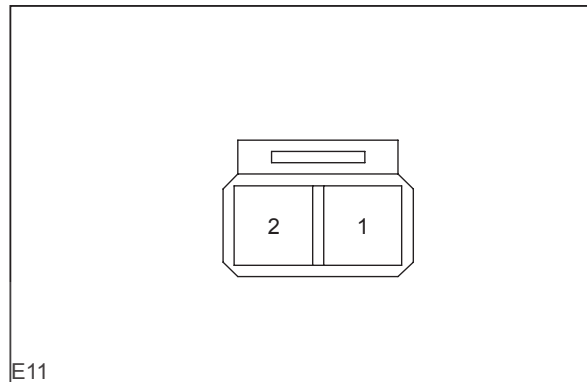
E10

E10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	Signal
2	0.50 P	Signal
3	0.50 W/B	Signal
4	0.50 R/W	Signal

Engine Harness Connector (E--)

Knock Sensor Connector



E11

E11 Pin Definition

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

Cylinder 1 Injector Connector



E12

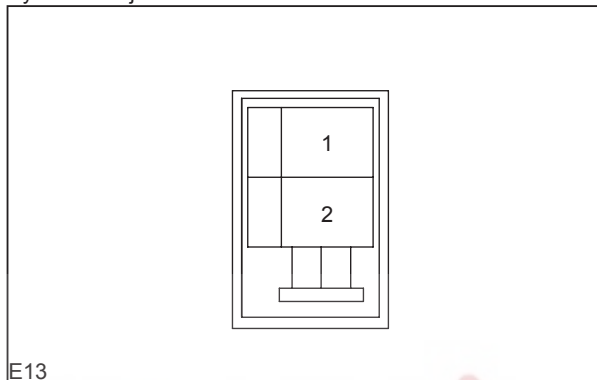
E12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 O/B	Signal

Harness Connector View

Engine Harness Connector (E--)

Cylinder 2 Injector Connector

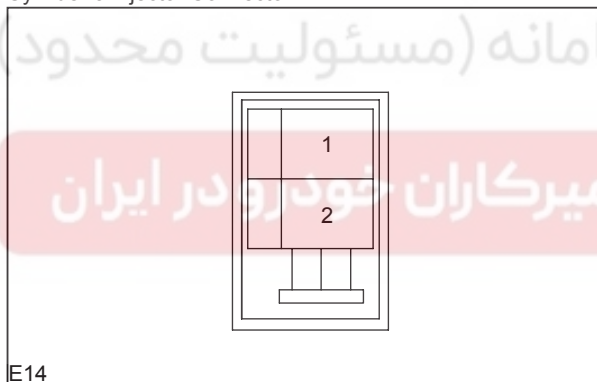


E13

E13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B/R	Power
2	0.85 Y/R	Signal

Cylinder 3 Injector Connector



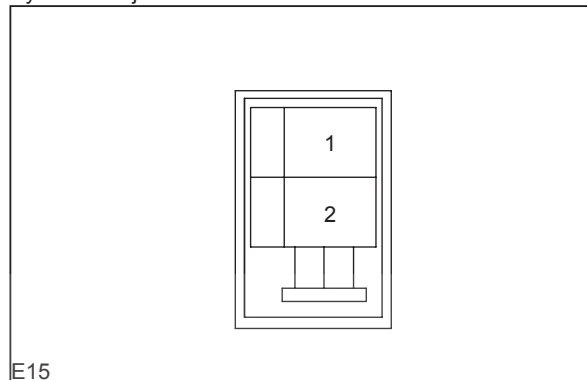
E14

E14 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B/R	Power
2	0.85 P/Y	Signal

Engine Harness Connector (E--)

Cylinder 4 Injector Connector



E15

E15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B/R	Power
2	0.85 G/Y	Signal

Cylinder 1 Ignition Coil Connector



E16

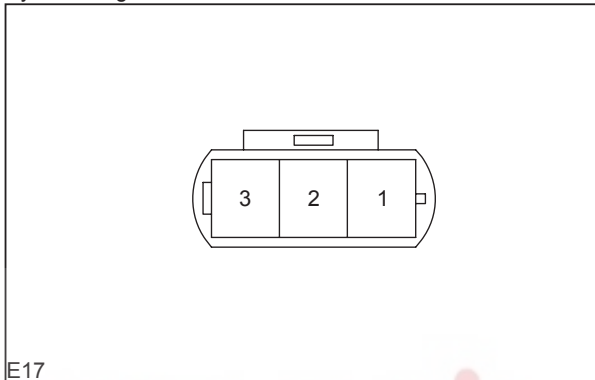
E16 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G/R	Signal
2	0.85 B	Ground
3	0.85 B/W	IG2 power

Harness Connector View

Engine Harness Connector (E--)

Cylinder 2 Ignition Coil Connector

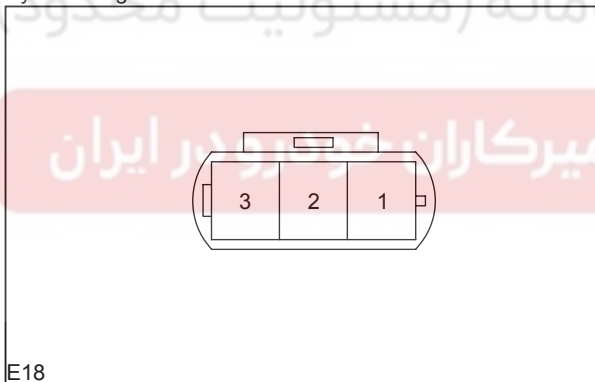


E17

E17 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P/G	Signal
2	0.85 B	Ground
3	0.85 B/W	IG2 power

Cylinder 3 Ignition Coil Connector



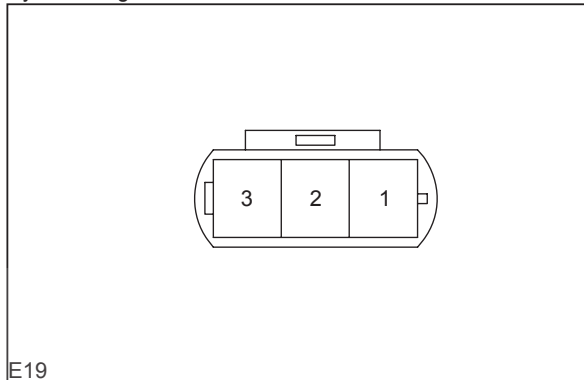
E18

E18 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G/W	Signal
2	0.85 B	Ground
3	0.85 B/W	IG2 power

Engine Harness Connector (E--)

Cylinder 4 Ignition Coil Connector

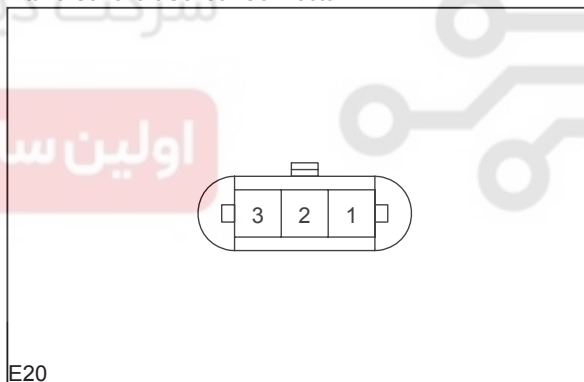


E19

E19 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 Br	Signal
2	0.85 B	Ground
3	0.85 B/W	IG2 power

Intake Camshaft Sensor Connector



E20

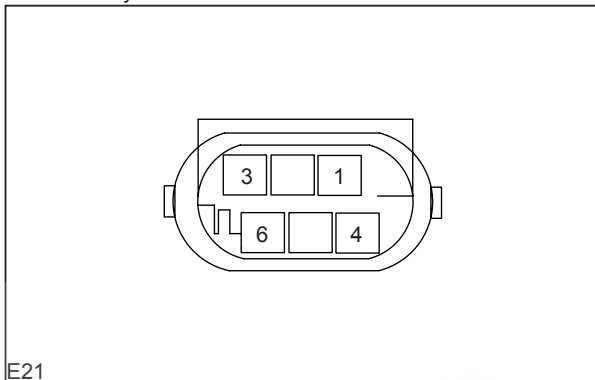
E20 Pin Definition

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

Harness Connector View

Engine Harness Connector (E--)

Electronically Controlled Throttle Valve Connector

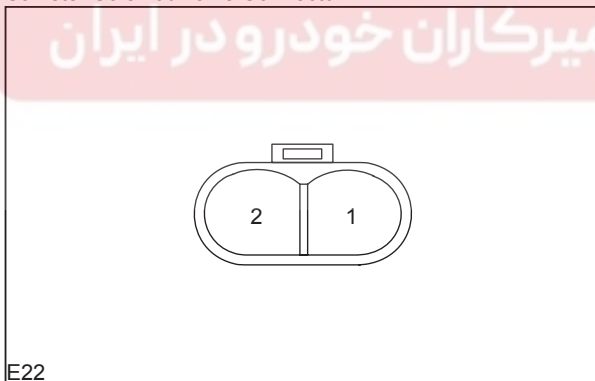


E21

E21 Pin Definition

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

Canister Solenoid valve Connector



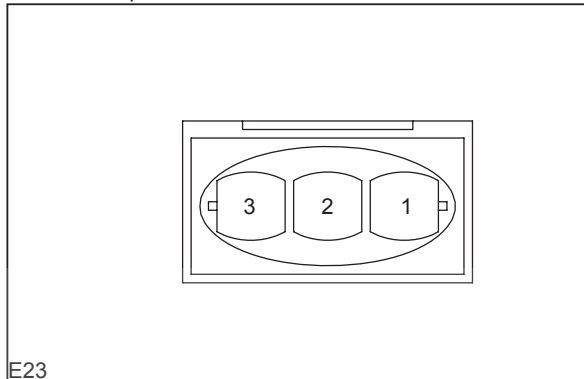
E22

E22 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 W/G	Signal

Engine Harness Connector (E--)

Coolant Temperature Sensor Connector

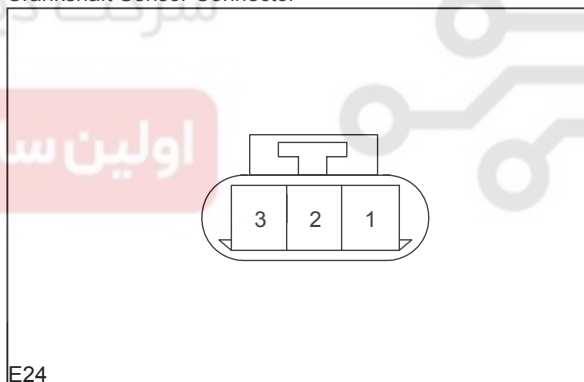


E23

E23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W	Signal
2		NC
3	0.50 Y/B	Signal

Crankshaft Sensor Connector



E24

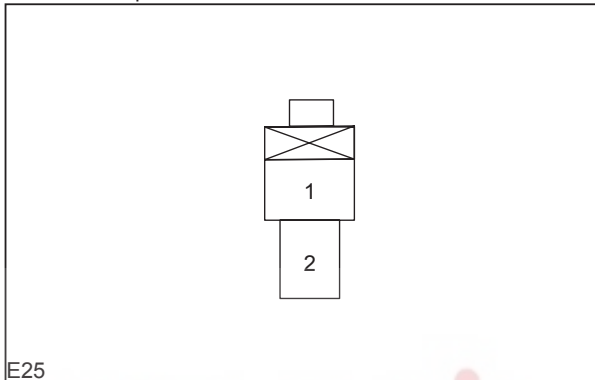
E24 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G	Signal-H
2	0.50 BI	Signal-L
3	0.50 B	Ground

Harness Connector View

Engine Harness Connector (E--)

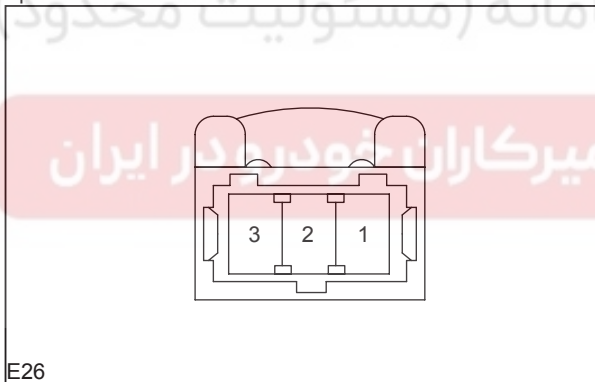
Reverse Lamp Switch Connector



E25 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Reverse lamp power
2	0.50 G/Br	Reverse lamp power

Speed Sensor Connector

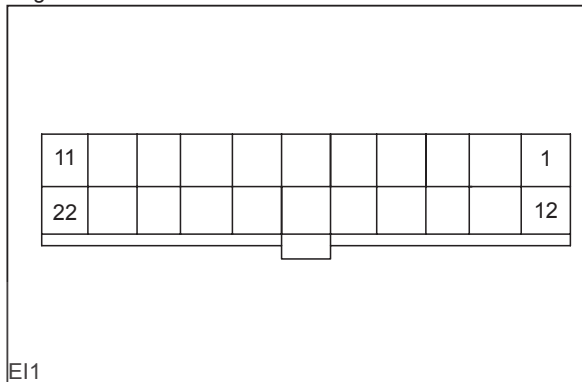


E26 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/G	Control signal
2	0.85 B	Ground
3	0.85 BI/R	Power

Engine Harness Connector (E--)

Engine Harness to IP Harness Connector



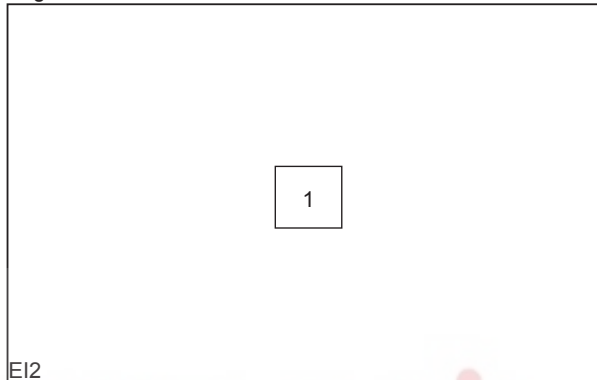
E11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 P/G	K-line
2		NC
3	0.50 G/R	Reverse lamp power
4	0.50 G/Br	Reverse lamp power
5	0.50 BI/B	CAN-H
6	0.50 BI/W	CAN-L
7	0.50 O/G	Speed signal
8	0.50 Gr	Rear oxygen sensor heating signal
9	0.50 B/O	Fuel pump relay control signal
10	0.50 G	Rear oxygen sensor signal
11	0.50 O/G	
12	0.50 W/BI	Brake signal
13	0.50 BI/R	Brake switch signal
14	0.50 G	Check engine
15	0.85 V	Charging indicator
16	0.50 Y/B	Oil pressure switch signal
17	0.50 Br	Coolant temperature signal
18		NC
19	0.50 W/BI	SVS signal
20	0.50 W/B	Engine speed signal
21	0.50 V/B	Rear oxygen sensor heating signal
22	0.50 P/W	IMMO signal

Harness Connector View

Engine Harness Connector (E--)

Engine Harness to IP Harness Connector

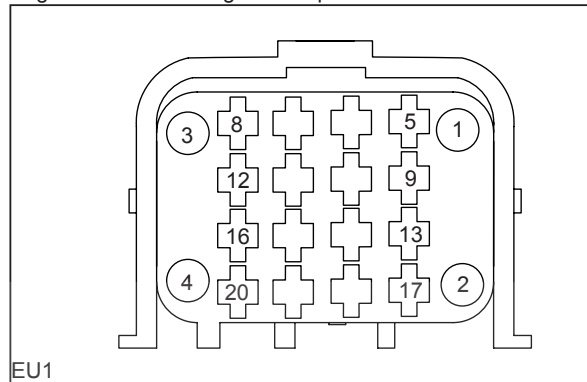


E12 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 B/Y	Power

Engine Harness Connector (E--)

Engine Harness to Engine Compartment Harness Connector



E12 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B/W	IG2 power
2		NC
3		NC
4	1.25 BI/R	Main relay power
5	0.85 Y	Main relay control
6	0.50 W/B	Weak acceleration sensor signal
7	0.50 W/G	Weak acceleration sensor signal
8	0.50 R/W	Weak acceleration sensor signal
9	0.50 W	A/C relay control signal
10	0.85 R	Alternator power
11	0.50 Y/W	A/C compressor power
12	0.50 BI/Y	High speed fan control signal
13	0.50 O/BI	Low speed fan control signal
14	0.50 R/G	A/C pressure switch signal
15	0.50 W/BI	Headlamp open signal
16	0.50 G	A/C pressure switch signal
17		NC
18		NC
19		NC
20		NC

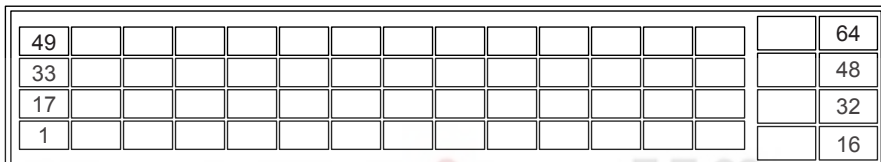
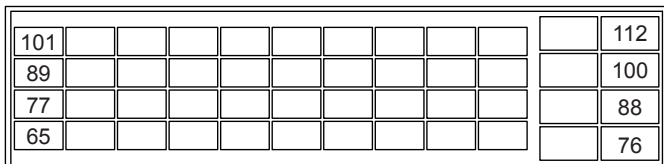
شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness Connector View

Engine Harness Connector (E--)

ECU Connector



E01a

E01a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/B	CAN-H
2		NC
3		NC
4		NC
5	0.85 Y	Main relay power
6		NC
7	0.50 BI/W	APP Ground
8		NC
9		NC
10		NC
11		NC
12		NC
13		NC
14	0.50 BI/Y	Head lamp open signal
15	1.25 BI/R	Power
16	1.25 BI/R	Power
17	0.50 BI/W	CAN-L
18		NC
19		NC
20	0.85 R	Battery power
21	0.85 G	Rear oxygen sensor control signal
22		NC
23	0.50 G/B	Brake signal
24	0.50 G	A/C pressure switch signal
25	0.50 G/W	Brake switch signal
26	0.50 O/G	Speed sensor signal
27		NC

Engine Harness Connector (E--)

28	0.50 Gr/V	A/C pressure switch signal
29	0.50 BI/G	Power steering switch signal
30	0.50 Gr	APP signal
31	0.50 Gr/R	High speed fan signal
32		NC
33		NC
34	0.50 G/W	Speed signal output
35	0.85 B/W	Power
36	0.50 R/W	APP Powerl
37	0.50 O/W	APP Power
38		NC
39		NC
40		NC
41	0.85 B/O	Fuel pump control signal
42		NC
43	0.85 V/B	Rear oxygen Ground
44		NC
45	0.50 R/Y	APP signal
46		NC
47		NC
48	0.85 Gr	Rear oxygen sensor heating signal
49		NC
50		NC
51		NC
52		NC
53		NC
54		NC
55		NC
56	0.50 Gr/O	Low speed fan signal
57		NC
58	0.50 Gr/BI	A/C relay control signal
59	0.50 W/B	APP Ground
60		NC
61		NC
62		NC
63	0.85 B	Ground
64	0.85 B	Ground
65		NC
66		NC
67	0.85 Y/R	Cylinder 2 injector signal
68	0.85 O/B	Cylinder 1 injector signal
69		NC
70		NC
71	0.85 Y/W	VVT valve signal
72	0.85 P/Y	Cylinder 3 injector signal
73	0.85 B/R	Front oxygen sensor heating signal

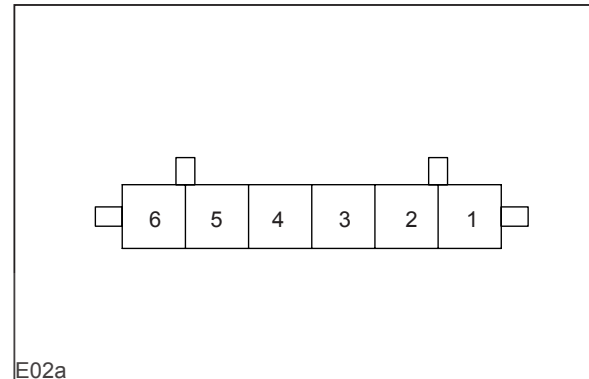
Harness Connector View

Engine Harness Connector (E--)

74	0.85 G/Y	Cylinder 4 injector signal
75	0.85 P	TPS signal
76	2.00 Br	Cylinder 4 ignition coil signal
77	0.50 P/W	TPS signal
78	0.50 BI/G	TPS signal
79		NC
80	0.85 Br/W	Front oxygen Ground
81		NC
82		NC
83		NC
84		NC
85	0.50 Y/R	Ground
86	0.85 V	TPS power-
87	0.50 R/G	TPS signal
88	2.00 P/G	Cylinder 2 ignition coil signal
89	0.50 G	KS signal-
90	0.50 G/B	KS signal+
91	0.50 P/B	MAP signal
92		NC
93	0.50 R/BI	CMP signal
94	0.85 W/G	Canister solenoid signal
95	0.50 G/W	CMP signal
96	0.50 P/G	CKP signal H
97	0.50 G/R	CKP signal L
98	0.50 Y/G	CMP signal
99	2.00 G/W	Cylinder 3 ignition coil signal
100	2.00 G/R	Cylinder 1 ignition coil signal
101	0.50 Y/B	ECT signal
102	0.50 BI	IAT signal
103		NC
104	0.85 O/Y	Front oxygen sensor control signal
105		NC
106		NC
107	0.85 R/B	TPS power+
108		NC
109	0.50 Y/BI	MAP/IAT signal
110		NC
111	0.85 B	Ground
112	0.85 B	Ground

Engine Harness Connector (E--)

Accelerator Pedel Position Sensor Connector

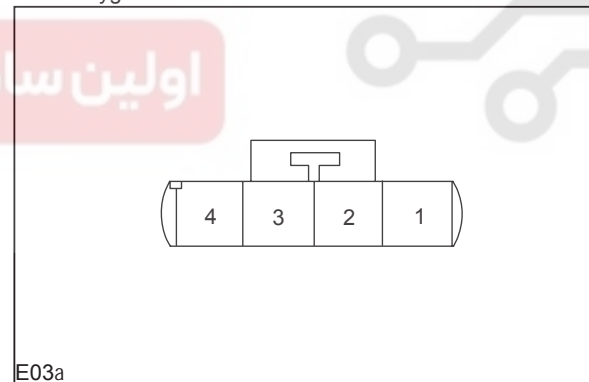


E02a

E02a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr	Signal
2	0.50 W/B	Signal
3	0.50 R/Y	Signal
4	0.50 BI/W	Signal
5	0.50 O/BI	Signal
6	0.50 R/W	Signal

Front Oxygen Sensor Connector



E03a

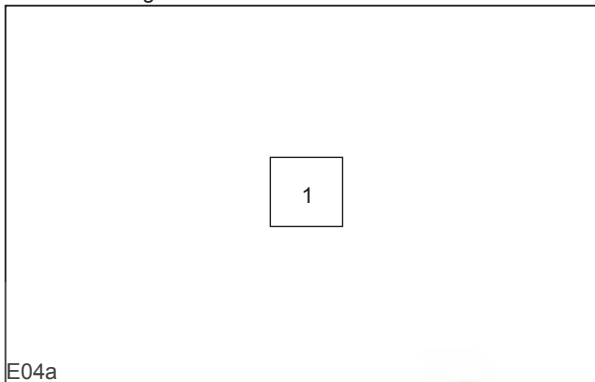
E03a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/Y	Power
2	0.85 B/R	Control signal
3	0.85 O/Y	Heating signal
4	0.85 Br/W	Heating signal

Harness Connector View

Engine Harness Connector (E--)

Power Steering Switch Connector



E04a Pin Definition

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

Intake VVT Valve Connector

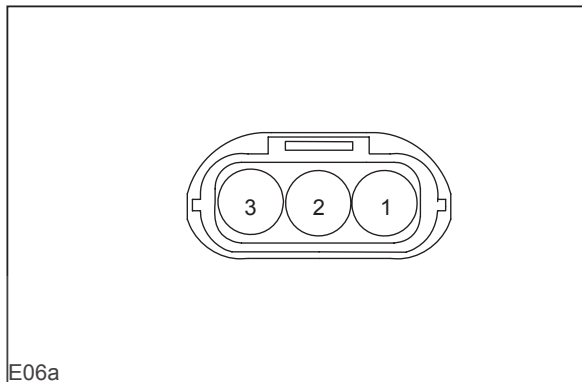


E05a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/W	Signal
2	0.85 BI/R	Power

Engine Harness Connector (E--)

Alternator Connector



E06a Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 R	Battery power
2	1.25 B/W	IG1 power
3	0.5 W/R	Charging indicator signal

A/C Compressor Switch Connector



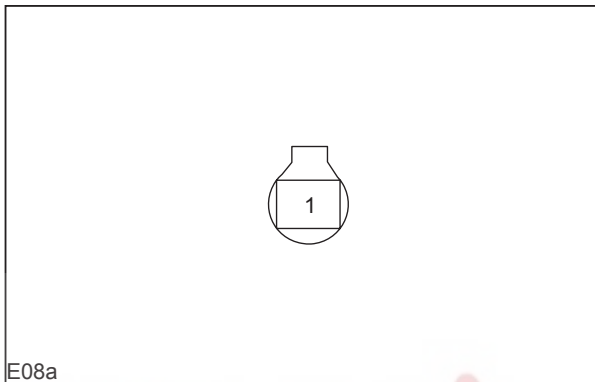
E07a Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 R/V	Power

Harness Connector View

Engine Harness Connector (E--)

Oil Pressure Switch Connector



E08a Pin Definition

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

Starter Connector

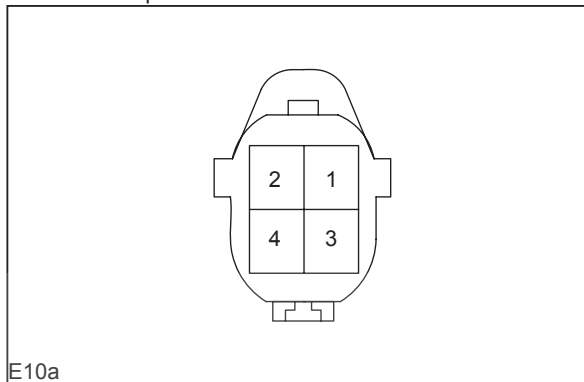


E09a Pin Definition

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

Engine Harness Connector (E--)

Intake Air Temperature/Pressure Sensor Connector



E10a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI	MAP/IAT signal
2	0.50 P/B	MAP/IAT signal
3	0.50 Y/R	MAP/IAT signal
4	0.50 Y/BI	MAP/IAT signal

Knock Sensor Connector



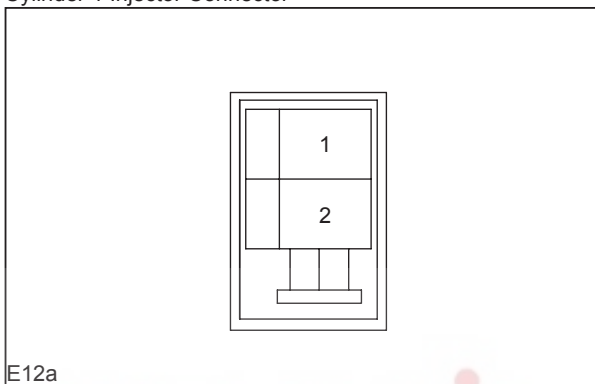
E11a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/B	Signal H
2	0.50 B/Gr	Signal L

Harness Connector View

Engine Harness Connector (E--)

Cylinder 1 Injector Connector



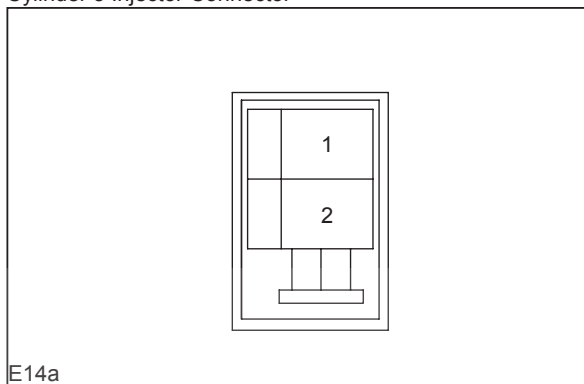
E12a

E12a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 O/B	Signal

Engine Harness Connector (E--)

Cylinder 3 Injector Connector

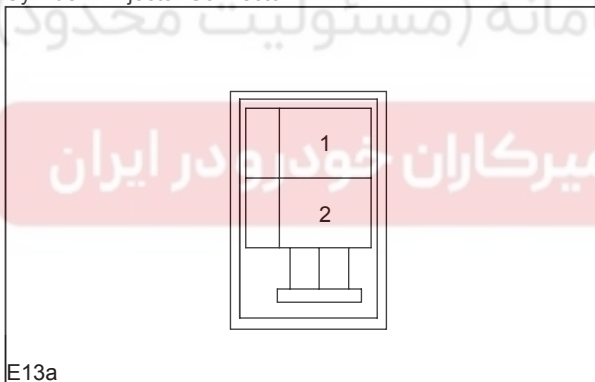


E14a

E14a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 P/Y	Signal

Cylinder 2 Injector Connector



E13a

E13a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 Y/R	Signal

Cylinder 4 Injector Connector



E15a

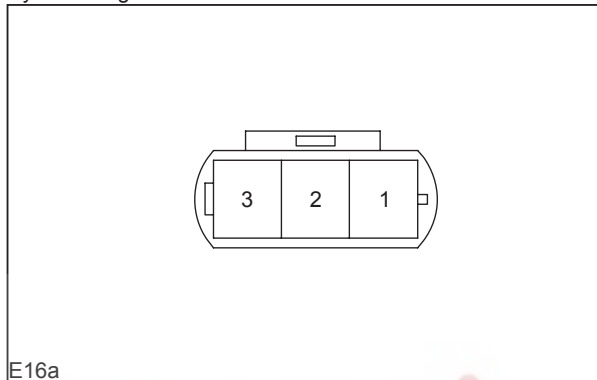
E15a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/R	Power
2	0.85 G/Y	Signal

Harness Connector View

Engine Harness Connector (E--)

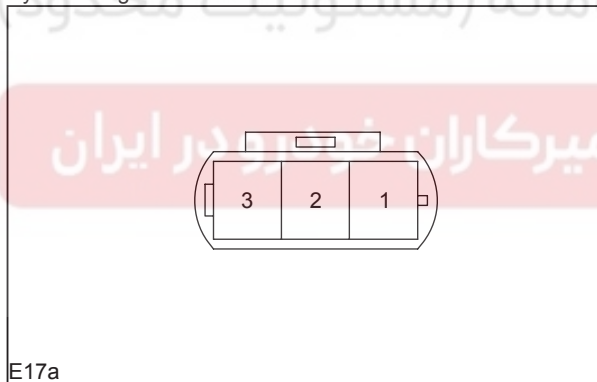
Cylinder 1 Ignition Coil Connector



E16a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G/R	Control signal
2	0.85 BI/R	Power
3	0.85 B	Ground

Cylinder 2 Ignition Coil Connector

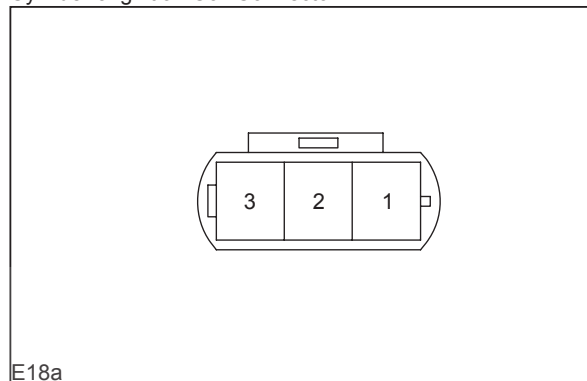


E17a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P/G	Control signal
2	0.85 BI/R	Power
3	0.85 B	Ground

Engine Harness Connector (E--)

Cylinder 3 Ignition Coil Connector



E18a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 G/W	Control signal
2	0.85 BI/R	Power
3	0.85 B	Ground

Cylinder 4 Ignition Coil Connector



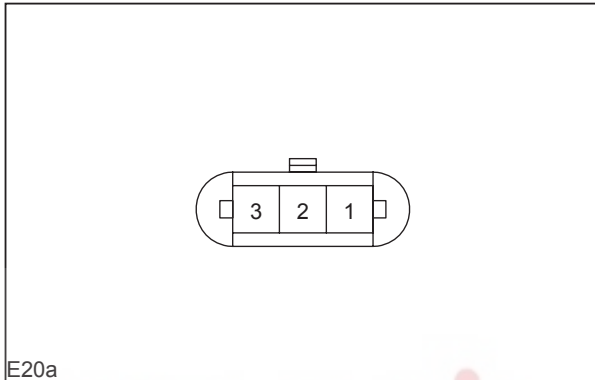
E19a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 Br	Control signal
2	0.85 BI/R	Power
3	0.85 B	Ground

Harness Connector View

Engine Harness Connector (E--)

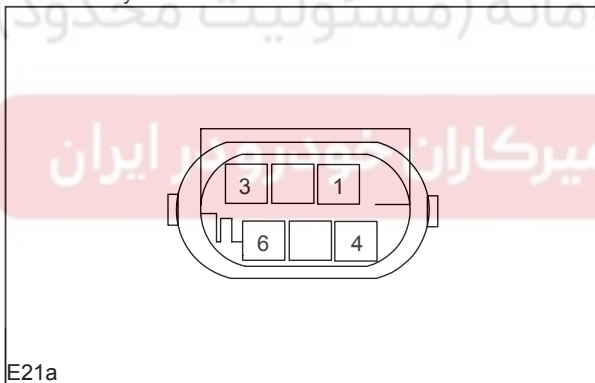
Intake Canshaft Sensor Connector



E20a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/G	Signal
2	0.50 R/BI	Signal
3	0.50 G/W	Signal

Electronically Controlled Throttle Valve Connector

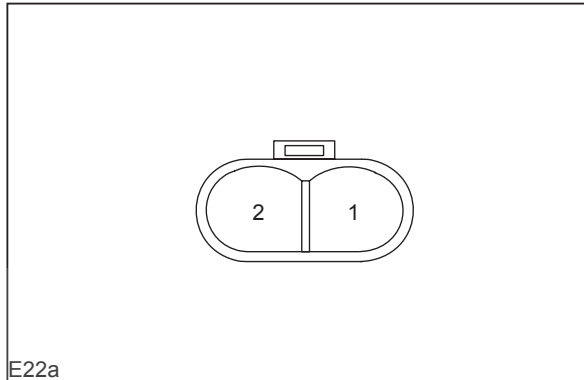


E21a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 P	Signal
2	0.50 BI/G	Signal
3	0.50 W/P	Signal
4	0.85 R/G	Signal
5	0.50 V	Power-
6	0.85 R/B	Power+

Engine Harness Connector (E--)

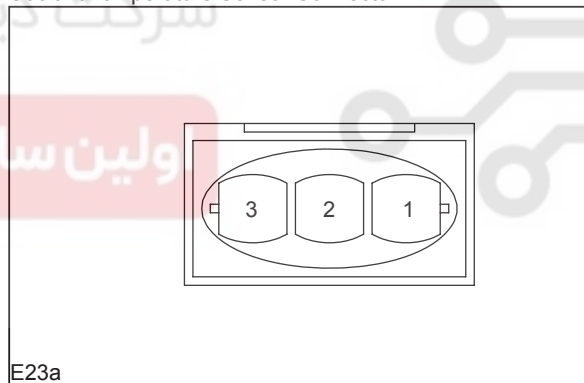
Canister Soleniod valve Connector



E22a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 W/G	Signal
2	0.85 BI/R	Power

Coolant Temperature Sensor Connector



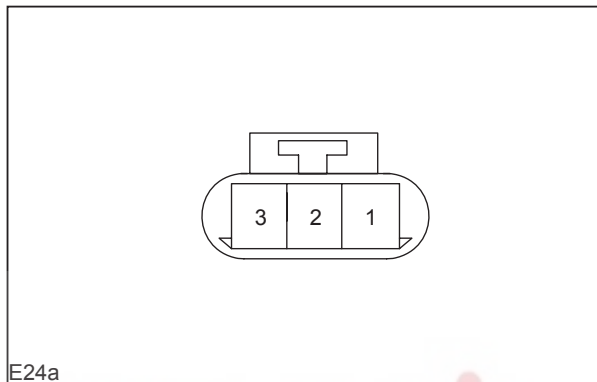
E23a Pin Definition

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

Harness Connector View

Engine Harness Connector (E--)

Crankshaft Sensor Connector

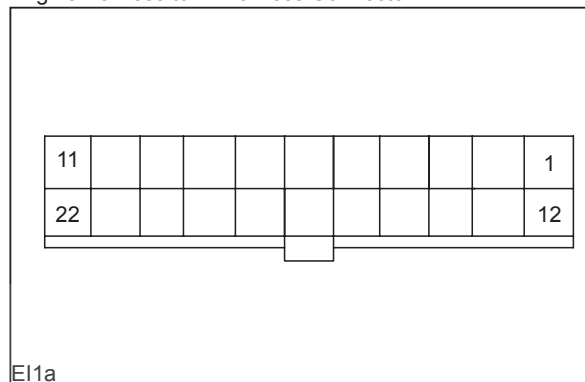


E24a Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 G/R	Signal L
3	0.85 P/G	Signal H

Engine Harness Connector (E--)

Engine Harness to IP Harness Connector



E11a

E11a Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5	0.50 BI/W	CAN-L
6	0.50 BI/B	CAN-H
7	0.50 O/G	Speed signal
8	0.50 Gr	Rear oxygen sensor heating signal
9	0.50 V/B	Rear oxygen sensor heating signal
10	0.50 G	Rear oxygen sensor signal
11		NC
12	0.50 G/B	Brake switch signal
13	0.50 G/W	Brake switch signal
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20		NC
21	0.50 W/R	Charging indicator
22	0.50 Y/B	Oil pressure switch signal

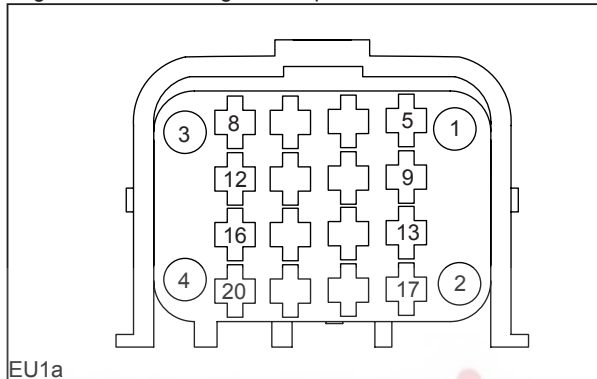
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness Connector View

Engine Harness Connector (E--)

Engine Harness to Engine Compartment Harness Connector



EU1a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 BI/R	Power
2	2.00 B/Y	Starter motor power
3		NC
4		NC
5	0.50 Y	Main relay control signal
6	0.50 Gr/R	High speed fan control signal
7	0.50 Gr/O	Low speed fan control signal
8	0.50 Gr/BI	A/C relay control signal
9	0.50 Gr/Y	Fuel pump relay control signal
10	0.85 R	Battery power
11	0.50 R/V	A/C compressor switch signal
12	0.85 B/W	IG2 power
13	0.50 Gr/V	A/C pressure switch signal
14	0.50 G	A/C pressure switch signal
15	0.50 BI/Y	Headlamp open signal
16	0.85 BI/R	Power
17	0.50 BI/Y	Front oxygen sensor power
18	0.50 G/W	Engine speed signal
19		NC

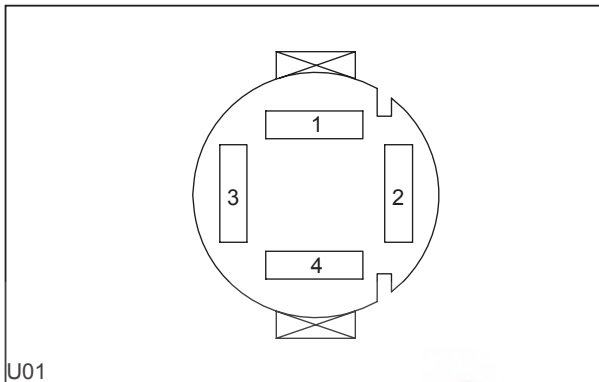
Engine Harness Connector (E--)



Harness Connector View

Engine Compartment Harness Connector (U--)

Fan Connector



U01

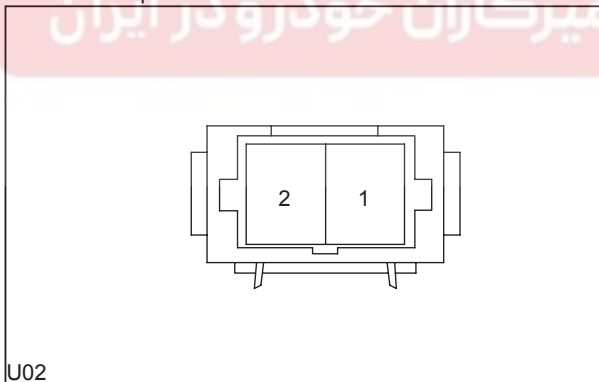
U01 Pin Definition(Delphi)

Pin Number	Wire Width / Color	Function
1	3.00 B	Ground
2	3.00 R/V	Adjustment power
3	3.00 R/W	High speed power
4	3.00 V/R	Low speed power

U01 Pin Definition(UE)

Pin Number	Wire Width / Color	Function
1	3.00 V	High speed power
2	3.00 R	Low speed power
3	3.00 R/V	Adjustment power
4	3.00 B	Ground

Turn Left Lamp Connector



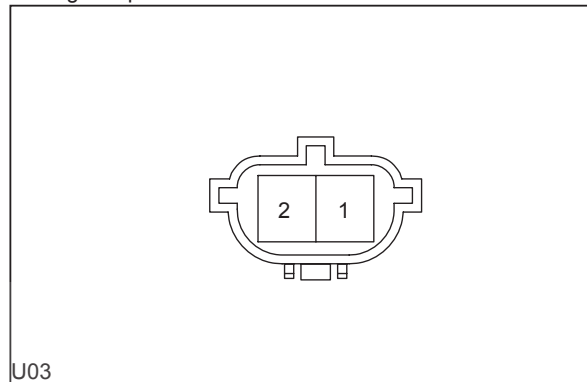
U02

U02 Pin Definition

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

Engine Compartment Harness Connector (U--)

LF Fog Lamp Connector

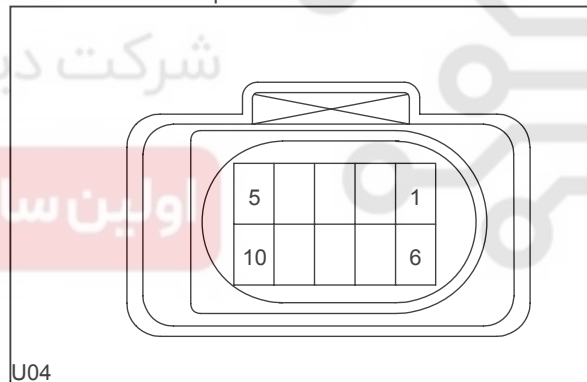


U03

U03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 BI/B	Power
2	0.85 B	Ground

LF Combination Lamp Connector



U04

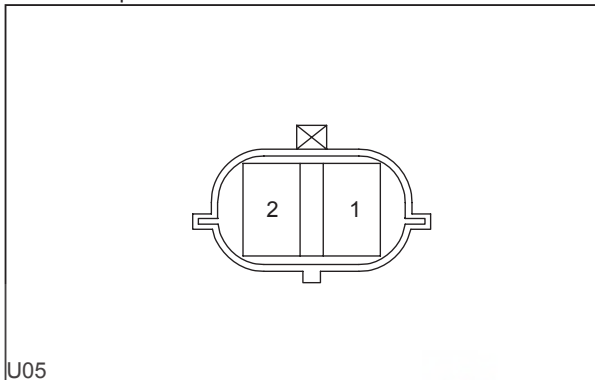
U04 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 BI/Gr	Low beam lamp adjustment signal
5	0.50 BI/Y	Low beam lamp adjustment signal
6	0.50 BI	Width lamp power
7	0.85 BI/W	High beam lamp power
8	1.25 B	Ground
9	0.85 BI/Y	Low beam lamp power
10	0.50 BI	Width lamp power

Harness Connector View

Engine Compartment Harness Connector (U--)

LF Wheel Speed Sensor Connector



U05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Gr	LF WSS signal
2	0.50 Br/Bl	LF WSS signal

Weak Acceleration Sensor Connector

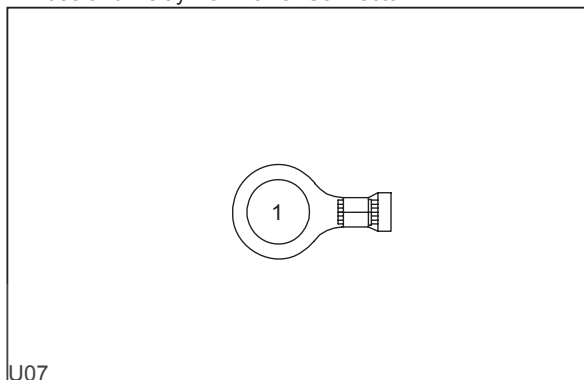


U06 Pin Definition

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

Engine Compartment Harness Connector (U--)

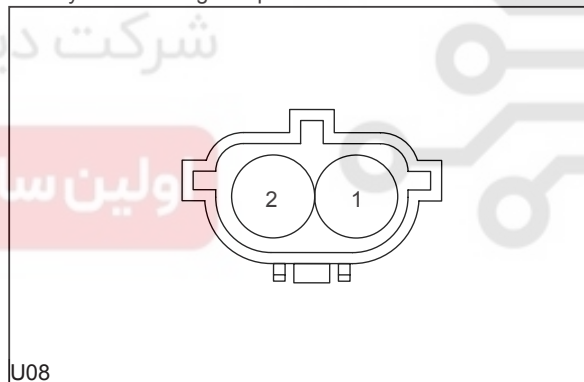
IP Fuse and Relay Box Power Connector



U07 Pin Definition

Pin Number	Wire Width / Color	Function
1	15.00 R/Bl	Power

LF Daytime Running Lamp Connector



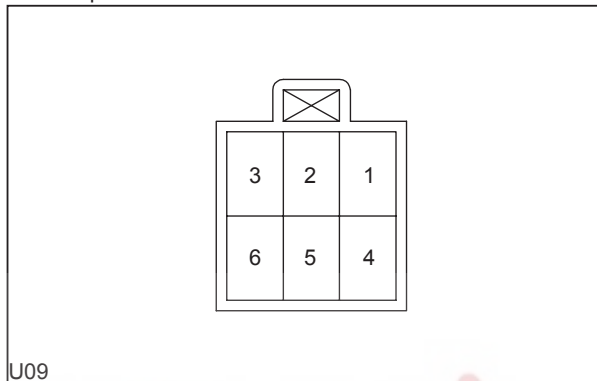
U08 Pin Definition

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

Harness Connector View

Engine Compartment Harness Connector (U--)

Front Wiper Motor Connector

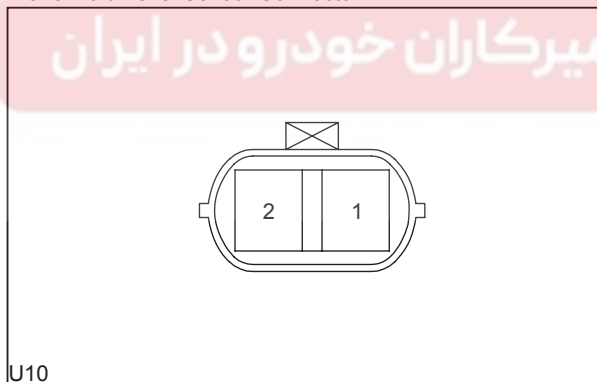


U09

U09 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 P/R	Power
2	1.25 P/Y	Return power
3		NC
4	1.25 P/BI	High speed power
5	1.25 P/G	Low speed power
6	1.25 B	Ground

Brake Fluid Level Sensor Connector



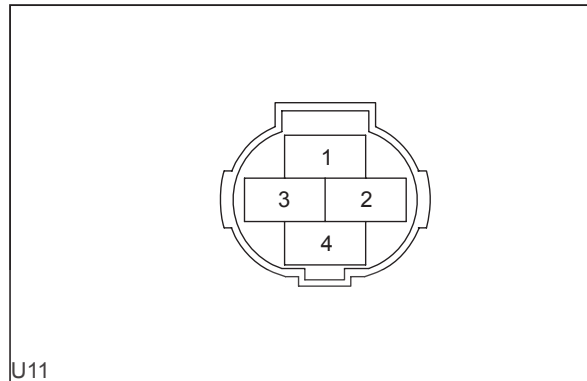
U10

U10 Pin Definition

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

Engine Compartment Harness Connector (U--)

A/C Pressor Switch Connector



U11

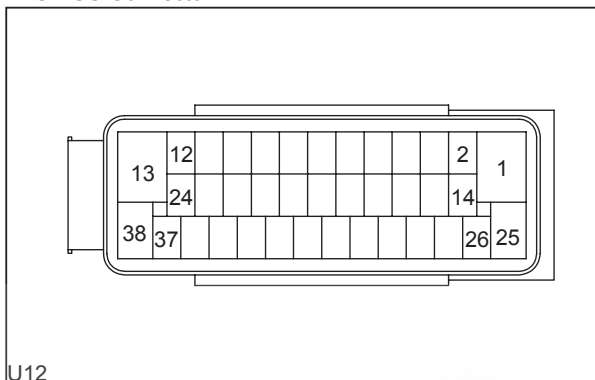
U11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Gr/B	(Delphi)
1	0.50 R/G	(UE)
2	0.50 G	
3	0.50 B	Ground
4	0.50 Gr/P	

Harness Connector View

Engine Compartment Harness Connector (U--)

ABS HCU Connector



U12

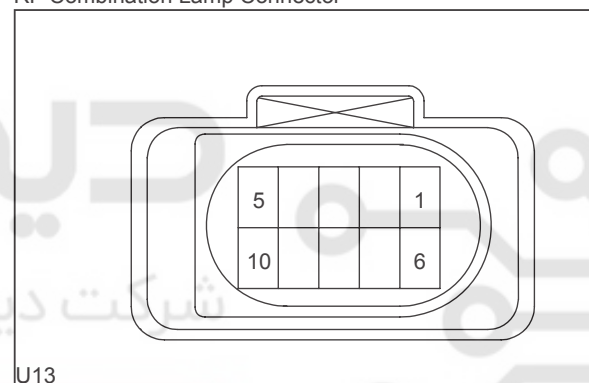
U12 Pin Definition

Pin Number	Wire Width / Color	Function
1	5.00 R	Battery power
2		NC
3		NC
4		NC
5		NC
6	0.50 BI/W	K-line
7	0.50 BI/B	CAN-H
8	0.50 BI/W	CAN-L
9	0.50 Br/BI	LF WSS signal
10	0.50 Br/B	RF WSS signal
11	0.50 Br/P	LR WSS signal
12	0.50 Br/W	RR WSS signal
13	5.00 B	Ground
14		NC
15	0.50 G/W	Brake signal
16		NC
17	0.50 R/BI	ABS fault indicator
18	0.50 Br	IG2 power
19		NC
20		NC
21	0.50 Br/Gr	LF WSS signal
22	0.50 Br/O	RF WSS signal
23	0.50 Br/G	LR WSS signal
24	0.50 Br/Y	RR WSS signal
25	3.00 BI	Battery power
26		NC
27		NC
28		NC
29		NC

Engine Compartment Harness Connector (U--)

Pin Number	Wire Width / Color	Function
30		NC
31		NC
32		NC
33		NC
34		NC
35		NC
36		NC
37		NC
38	3.00 B	Ground

RF Combination Lamp Connector



U13

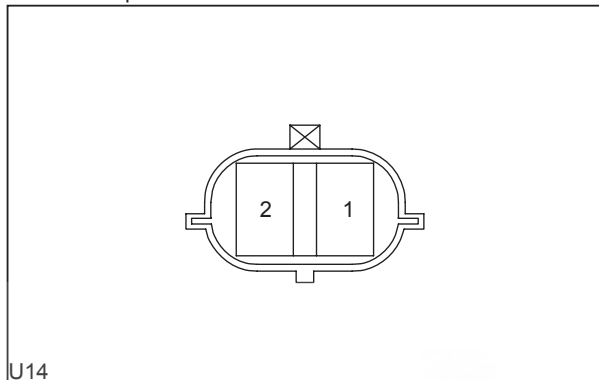
U13 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 BI/Gr	Low beam lamp adjustment signal
5	0.50 BI/Y	Low beam lamp adjustment signal
6	0.50 BI	Width lamp power
7	0.85 BI/W	High beam lamp power
8	1.25 B	Ground
9	0.85 BI/Y	Low beam lamp power
10	0.50 BI	Width lamp power

Harness Connector View

Engine Compartment Harness Connector (U--)

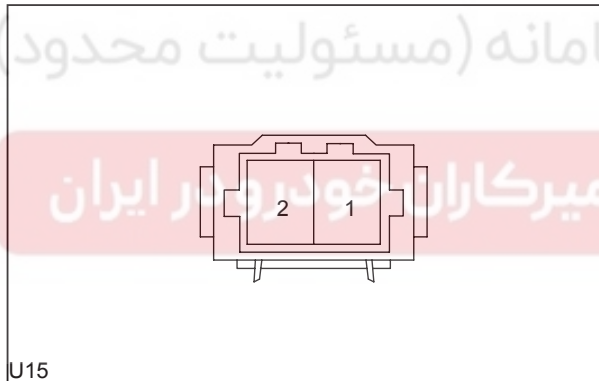
RF Wheel Speed Sensor Connector



U14 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/O	RF WSS signal
2	0.50 Br/B	RF WSS signal

Front/Rear Washer Motor Connector

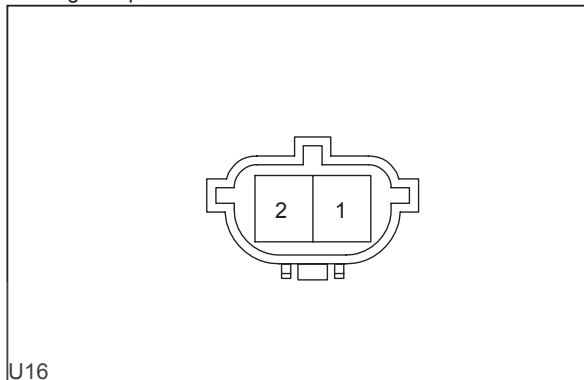


U15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 P/Gr	Signal
2	0.85 P/Br	Signal

Engine Compartment Harness Connector (U--)

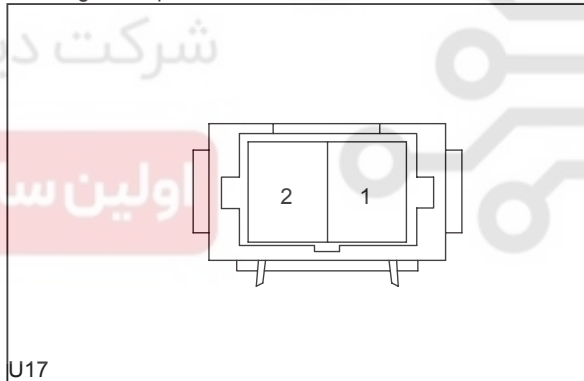
RF Fog Lamp Connector



U16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Bl/B	Power
2	0.85 B	Ground

Turn Right Lamp Connector



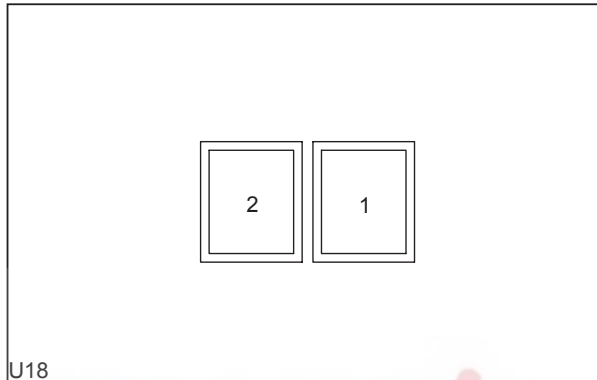
U17 Pin Definition

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

Harness Connector View

Engine Compartment Harness Connector (U--)

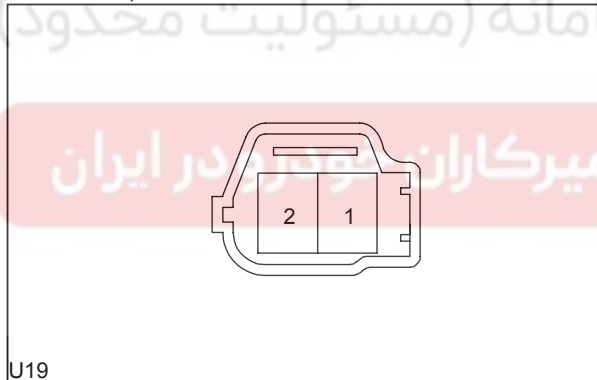
Horn Connector



U18 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 P/W	Power
2	0.85 B	Ground

Outside Temperature Sensor Connector

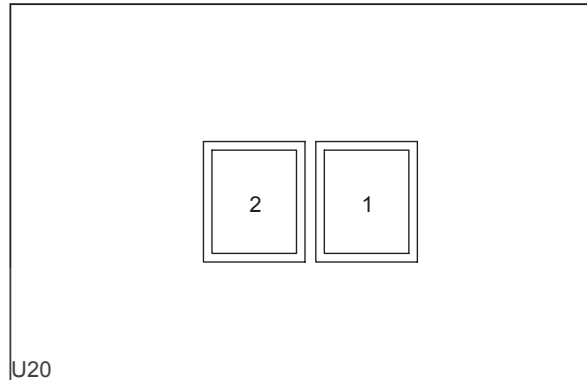


U19 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 G/W	Outside temperature sensor signal

Engine Compartment Harness Connector (U--)

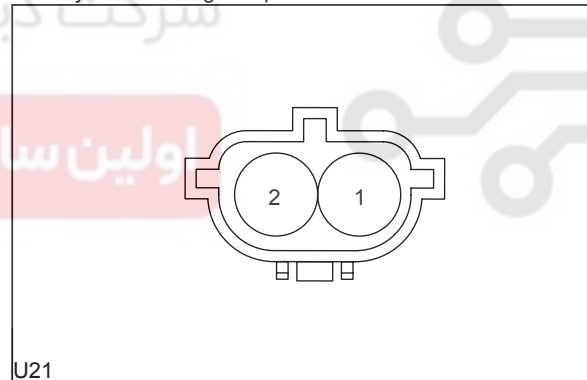
Horn Connector



U20 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 P/W	Power
2	0.85 B	Ground

RF Daytime Running Lamp Connector



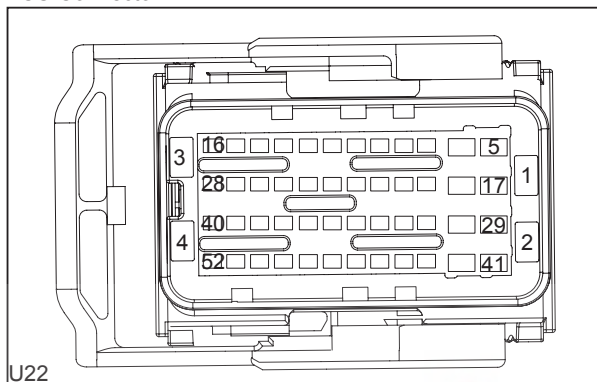
U21 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 B/B	Power

Harness Connector View

Engine Compartment Harness Connector (U--)

TCU Connector



U22 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5	0.85 B	Ground
6	0.50 Y	Battery power
7	0.50 V/B	IG2 power
8	0.50 Br	Drive model sensor signal
9	0.50 G/W	Engine speed signal input
10	0.50 P/Y	Speed sensor 1 signal
11		NC
12		NC
13		NC
14		NC
15	0.50 O	Oil temperature sensor signal
16	0.50 BI/W	CAN-L
17	0.50 BI/Y	Solenoids assembly signal
18		NC
19	0.50 W	Solenoids assembly signal
20	0.50 B	Ground
21	0.50 BI	Drive model sensor signal
22	0.50 G	Oil temperature sensor signal
23		NC
24	0.50 Y/Gr	Brake signal
25		NC
26		NC
27	0.50 Gr/P	Drive model sensor signal
28	0.50 BI/B	CAN-H
29	0.50 V/B	Reverse lamp signal

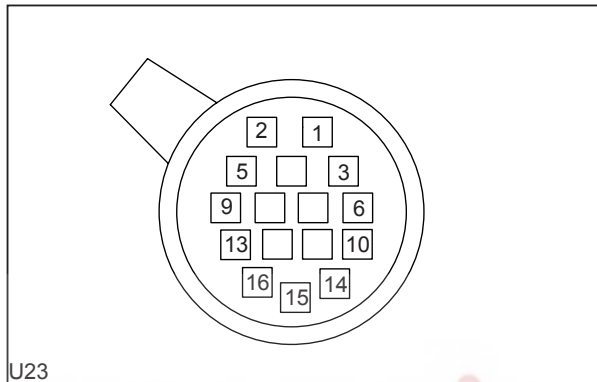
Engine Compartment Harness Connector (U--)

Pin Number	Wire Width / Color	Function
30		NC
31	0.50 Y/Gr	Solenoids assembly signal
32	0.50 R	IG2 power
33	0.50 BI/V	Drive model sensor signal
34		NC
35		NC
36	0.50 G/Br	Oil pressure sensor signal
37	0.50 R/G	Shift mechanism signal
38	0.50 Y/P	Shift mechanism signal
39		NC
40	0.50 BI/W	CVT fault signal
41	0.85 B	Ground
42	0.50 B/O	Starting signal
43	0.50 P/Br	Solenoids assembly signal
44		NC
45	0.50 Br/W	Drive model sensor signal
46	0.50 BI/G	Oil pressure sensor signal
47	0.50 BI/Br	Speed sensor 2 signal
48		NC
49	0.50 G/Y	Snow model switch
50	0.50 V/B	Shift mechanism signal
51		NC
52		NC

Harness Connector View

Engine Compartment Harness Connector (U--)

Transmission Harness Connector

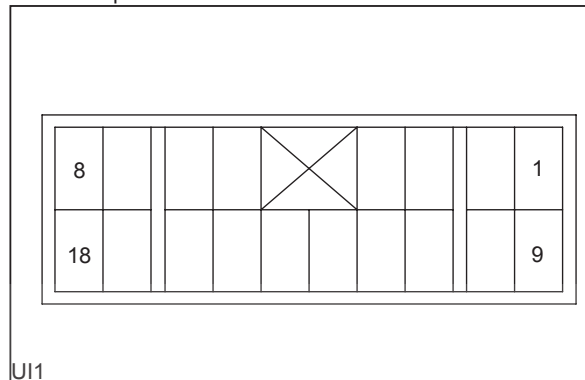


U23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W	Solenoids assembly signal
2	0.85 BI/Y	Solenoids assembly signal
3	0.50 G	Oil temperature sensor signal
4	0.50 Y/Gr	Solenoids assembly signal
5	0.50 P/Br	Solenoids assembly signal
6	0.50 BI	Drive model sensor signal
7	0.50 G/Br	Oil pressure sensor signal
8	0.50 O	Oil temperature sensor signal
9	0.50 Gr/P	Drive model sensor signal
10	0.50 B	Ground
11	0.50 P/Y	Speed sensor 1 signal
12	0.50 BI/Br	Speed sensor 2 signal
13	0.50 BI/G	Oil pressure sensor signal
14	0.50 BI/V	Drive model sensor signal
15	0.50 Br/w	Drive model sensor signal
16	0.50 Br	Drive model sensor signal

Engine Compartment Harness Connector (U--)

Front Compartment Harness to IP Harness Connector



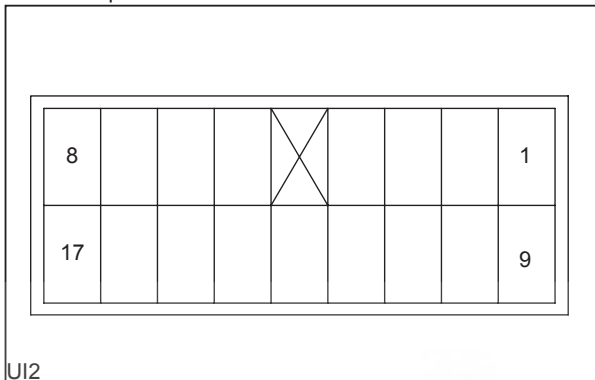
U11

U11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/R	IG2 power
2	0.50 G/B	FS45 power output(Delphi)
2	0.50 G/BI	FS45 power output(UE)
3	0.50 Y/P	Shift mechanism signal
4	0.50 R/G	Shift mechanism signal
5		NC
6	0.50 R/BI	ABS fault indicator
7	0.50 Y/Gr	Brake signal
8	0.50 G/W	Brake signal
9	0.50 P/B	Horn control signal
10	0.50 BI	Width lamp power
11	0.50 V	Rear Oxygen Sensor(Delphi)
11	2.00 B/Y	ST power(UE)
12	0.50 BI/B	CAN-H
13	0.50 BI/W	CAN-L
14	0.50 Y	Battery power
15	0.50 BI/Gr	Low beam lamp adjustment signal
16	0.50 BI/G	Fog lamp control signal
17	2.00 B/W	IG2 power(Delphi)
17	2.00 R/BI	IG1 power(UE)

Harness Connector View

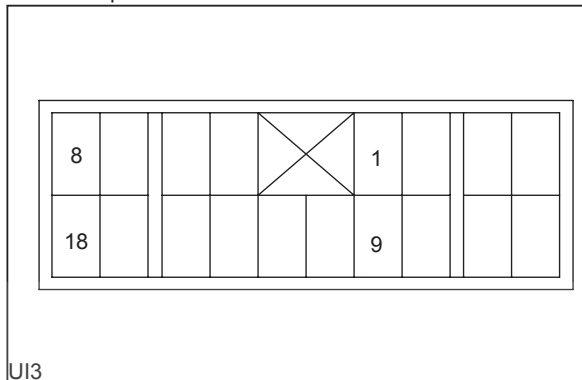
Engine Compartment Harness Connector (U--)
Front Compartment Harness to IP Harness Connector



UI2 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P/BI	Front wiper power
2	1.25 P/Y	Front wiper return power
3	2.00 P/G	Front wiper high speed power
4	0.50 V	Reverse lamp power(CVT)
5	0.50 BI	Width lamp power control signal
6	0.50 BI/R	Oil pressure signal indicator
7	0.50 BI/Y	Low beam lamp adjustment signal
8	0.50 BI/V	High beam lamp control signal
9	0.50 BI/Br	Overtank lamp control signal
10		NC
11	0.50 BI/O	Low beam lamp control signal
12		NC
13	1.25 W	Power
14		NC
15	0.50 BI/W	High beam lamp indicator
16	0.50 O	Rear oxygen sensor power
17	2.00 P/R	Power

Engine Compartment Harness Connector (U--)
Front Compartment Harness to IP Harness Connector



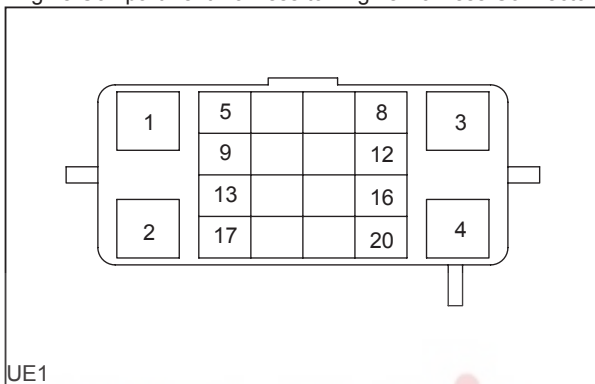
UI3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Reverse lamp power(CVT)
2	1.25 R/BI	Fuel pump power
3	0.50 Br/G	LR WSS signal
4	0.50 Br/P	LR WSS signal
5	0.50 G/B	Fuel pump relay control signal
6	0.50 G/R	Left side turn lamp power
7	0.85 B/O	Fuel pump control
8	0.50 V/B	Shift mechanism signal
9	0.50 G/W	Outside temperature sensor signal
10	0.85 P/Gr	Front washer control signal
11	0.50 Br/Y	RR WSS signal
12	0.50 Br/W	RR WSS signal
13	0.85 P/Br	Front washer control signal
14	0.50 Gr/P	A/C switch signal
15		NC
16	0.50 G/O	Right side turn lamp power
17	0.50 BI/B	rear fog lamp control signal
18	0.50 G/Y	Snow model switch signal

Harness Connector View

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to Engine Harness Connector

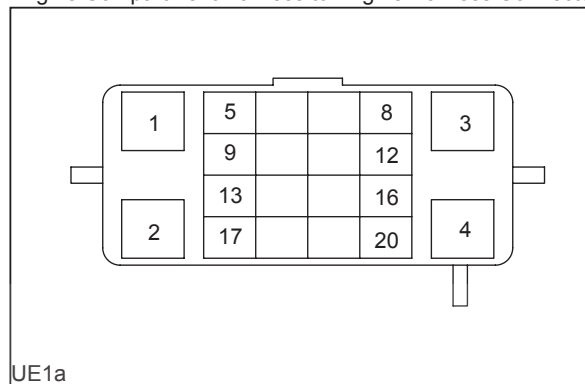


UE1 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B/W	IG2 power
2		NC
3		NC
4	1.25 BI/R	Main relay power
5	0.50 Y	Main relay control
6	0.50 R/B	Weak acceleration sensor signal
7	0.50 W/G	Weak acceleration sensor signal
8	0.50 R	Weak acceleration sensor signal
9	0.50 W	A/C relay control signal
10	0.85 R	Alternator power
11	0.85 Y/Br	Alternator power
12	0.50 W	High speed fan control signal
13	0.50 O	Low speed fan control signal
14	0.50 Gr/B	Low speed fan control signal
15	0.50 BI/Y	A/C pressure switch signal
16	0.50 G	A/C pressure switch signal
17		NC
18		NC
19		NC
20		NC

Engine Compartment Harness Connector (U--)

Engine Compartment Harness to Engine Harness Connector



UE1a

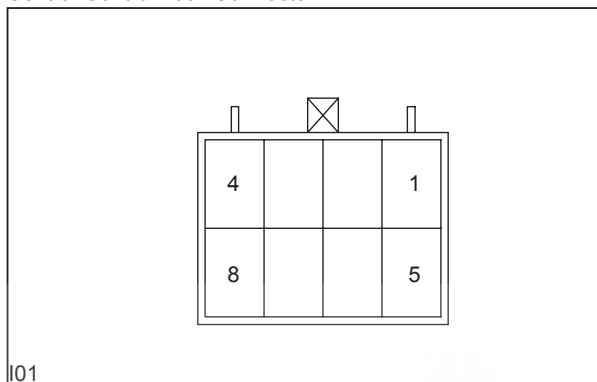
UE1a Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 BI/R	Power
2	2.00 B/Y	Starter motor power
3		NC
4		NC
5	0.50 Y	Main relay control signal
6	0.50 O	High speed fan control signal
7	0.50 W	Low speed fan control signal
8	0.50 Gr/BI	A/C relay control signal
9	0.50 B/O	Fuel pump relay control signal
10	0.85 R	Battery power
11	0.50 Y/W	A/C compressor switch signal
12	0.85 B/W	IG2 power
13	0.50 R/G	A/C pressure switch signal
14	0.50 G	A/C pressure switch signal
15	0.50 BI/Y	Headlamp open signal
16	0.85 P/W	Power
17	0.50 R	Front oxygen sensor power
18	0.50 G/W	Engine speed signal
19		NC
20		NC

Harness Connector View

Instrument Harness Connector (I--)

Central Control Lock Connector



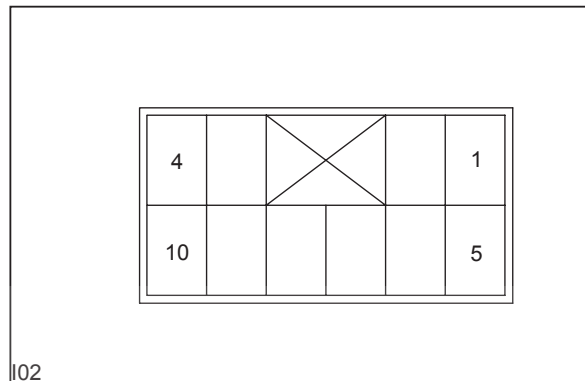
I01

I01 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 G/Y	Interior lighting power
5	0.50 Br/Bl	Central locking lock signal
6	0.50 Br/G	Central locking unlock signal
7		NC
8		NC

Instrument Harness Connector (I--)

Power Rearview Mirror Switch Connector



I02

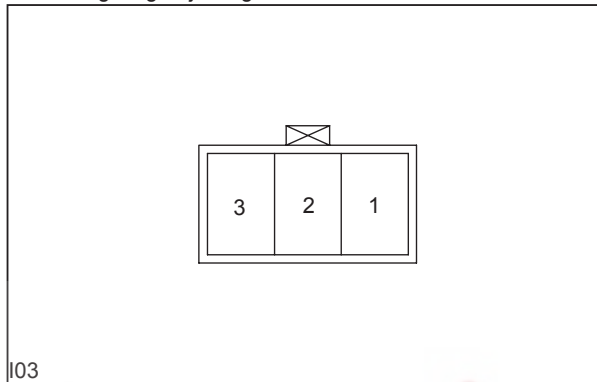
I02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 Y/G	Rearview mirror L/R adjustment power
3	0.50 R/Y	ACC power
4	0.50 G/Y	Interior lighting power
5	0.50 Y/Gr	Left rearview mirror adjustment control signal
6	0.50 Y/W	Left rearview mirror U/D adjustment power
7		NC
8		NC
9	0.50 Y/Bl	Right rearview mirror L/R adjustment power
10	0.50 Y/Br	Right rearview mirror adjustment control signal

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Harness Connector View

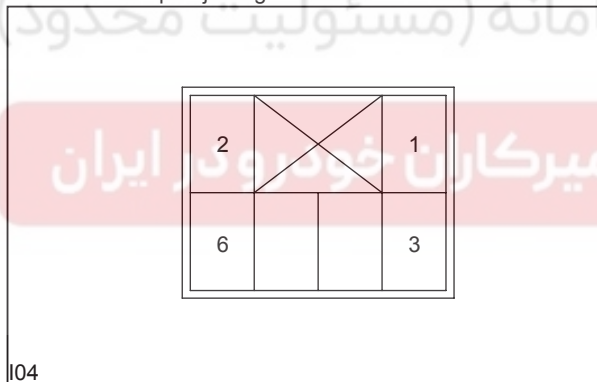
Instrument Harness Connector (I--)
Interior Lighting Adjusting Switch Connector



I03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Y	Power input
2	0.50 BI	Power output
3	0.50 B	Ground

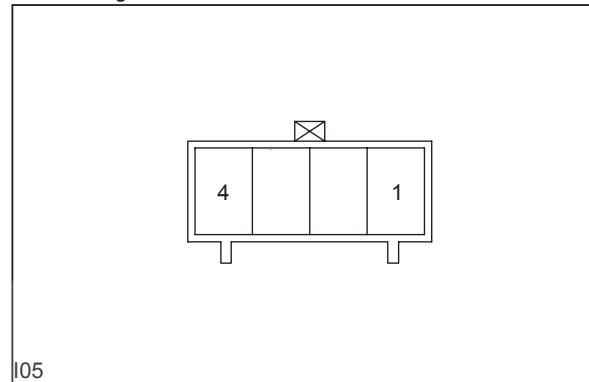
Low Beam Lamp Adjusting Switch Connector



I04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 BI/Gr	Low beam lamp adjustment signal
3		NC
4	0.50 G/Y	Interior lighting power
5		NC
6	0.50 BI/Y	Low beam lamp adjustment signal

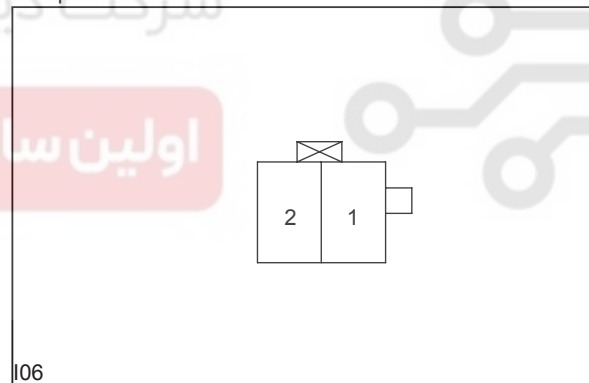
Instrument Harness Connector (I--)
Ambient Light Sensor Connector



I05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/R	Power
2	0.50 G/O	BCM control signal
3	0.50 O/BI	Power output
4	0.50 B	Ground

LF Speaker Connector



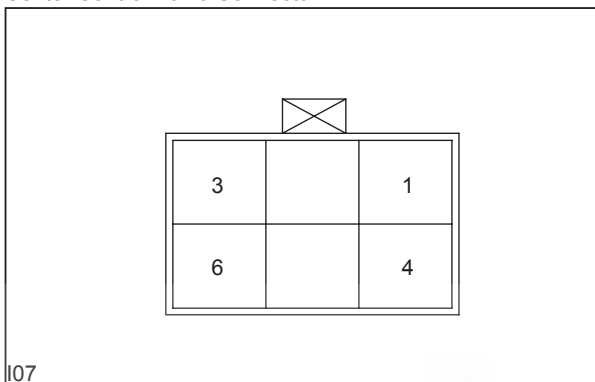
I06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/P	Left side tweeter power-
2	0.50 V/O	Left side tweeter power+

Harness Connector View

Instrument Harness Connector (I--)

Center Control Box 6 Connector



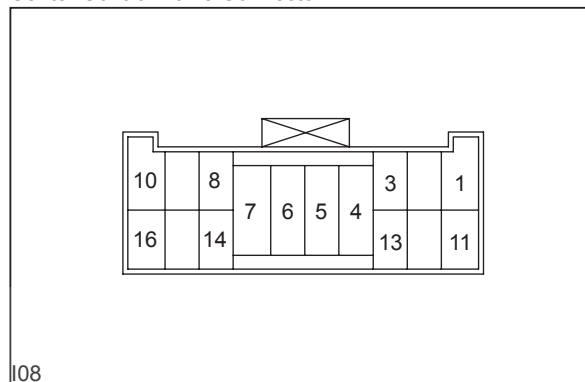
I07

I07 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 Br/W	K16 relay power output
3	2.00 P	K16 relay power output
4		NC
5	0.85 Br	FS17 power output
6	1.25 W	Battery power output

Instrument Harness Connector (I--)

Center Control Box 5 Connector



I08

I08 Pin Definition

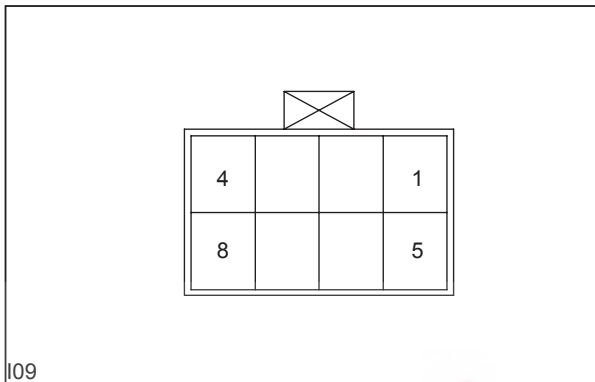
Pin Number	Wire Width / Color	Function
1	0.50 W/Bl	FS20 power output
2	0.50 Y	FS43 power output
3	0.85 R/V	FS42 power output
4	0.50 Y/Gr	Brake signal
5	1.25 W	FS48 power output
6	0.50 Br/R	FS27 power output
7	0.50 Bl/B	Rear fog lamp control signal
8	0.50 P	FS46 power output
9	0.85 R	FS29 power output
10	0.85 R	FS29 power output
11	0.50 B	Ground
12	0.50 G/W	Brake signal
13	0.50 B	Ground
14	0.50 G/B	Rear fog lamp power input
15	0.50 G/Br	Rear fog lamp power output
16	0.50 G/Bl	Rear fog lamp control signal

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Harness Connector View

Instrument Harness Connector (I--)

Center Control Box 4 Connector



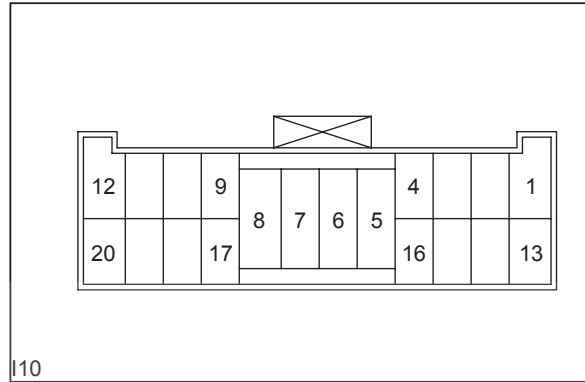
I09

I09 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 V	ACC power input
2	2.00 R/BI	IG1 power power input
3	0.50 R	FS39 power output
4	2.00 P/R	FS34 power output
5		NC
6		NC
7	0.50 Y	FS21 power output
8		NC

Instrument Harness Connector (I--)

Center Control Box 3 Connector



I10

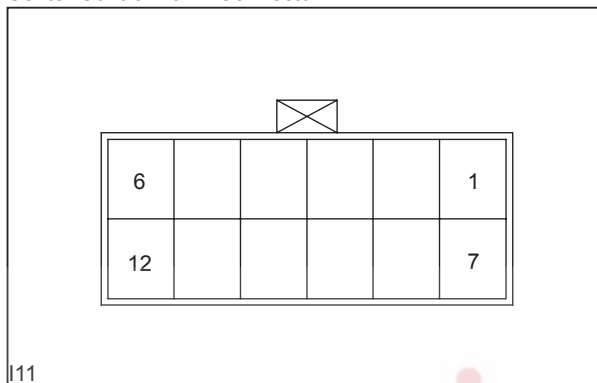
I10 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 BI/Y	FS30 power output
3		NC
4		NC
5	2.00 R/P	FS35 power output
6	0.50 R/G	FS15 power output
7	0.50 V/R	FS41 power output
8		NC
9		NC
10		NC
11	0.85 R/V	FS33 power output
12	0.85 R/V	FS33 power output
13	0.85 R	FS13 power output
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20	0.50 R/Y	FS36 power output

Harness Connector View

Instrument Harness Connector (I--)

Center Control Box 7 Connector

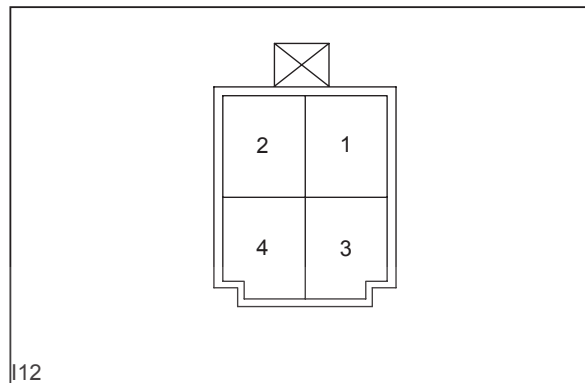


I11 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 Y	K10 relay power output
2	0.85 W	FS24 power output
3	0.50 B	K10 relay power output
4	2.00 B/Y	FS37 power output
5	0.50 BI	FS16 power output
6		NC
7	3.00 B/W	IG2 power input
8		NC
9		NC
10		NC
11	0.50 G/Br	FS14 power output
12		NC

Instrument Harness Connector (I--)

Center Control Box 2 Connector



I12 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 V/W	FS32 power output
2		NC
3	1.25 R/Y	FS26 power output
4		NC

Center Control Box 1 Connector



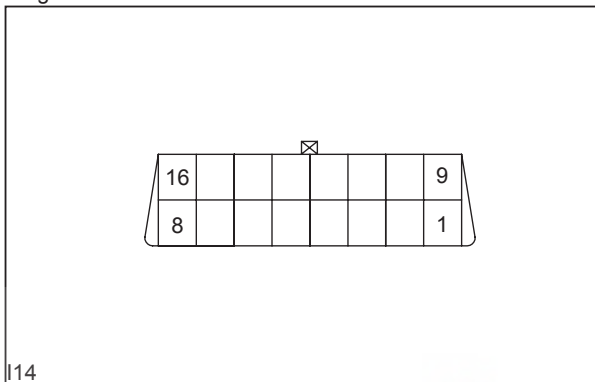
I13 Pin Definition

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

Harness Connector View

Instrument Harness Connector (I--)

Diagnose Interface Connector



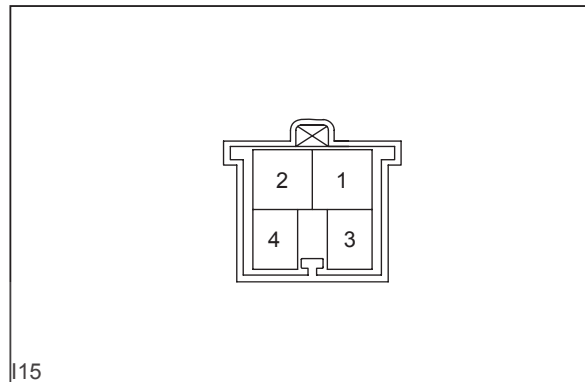
I14

I14 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4	0.50 B	Ground
5		NC
6	0.50 BI/B	CAN-H
7	0.50 P/G	K-line(Delphi)
7	0.50 BI/W	K-line(UE)
8	0.50 Y	IG1 power
9		NC
10		NC
11		NC
12	0.50 O	SRS fault diagnose signal
13	0.50 R/W	BCM fault diagnose signal
14	0.50 BI/W	CAN-L
15		NC
16	0.50 W/BI	Battery power

Instrument Harness Connector (I--)

Brake Switch Connector

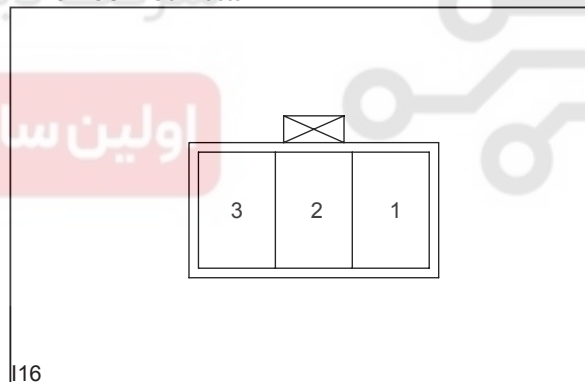


I15

I15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/W	Brake lamp power
2	0.50 BI/Y	Brake lamp power
3	0.50 G/B	Brake lamp switch power
4	0.50 Y	Brake lamp switch power

IMMO ECU-B Connector



I16

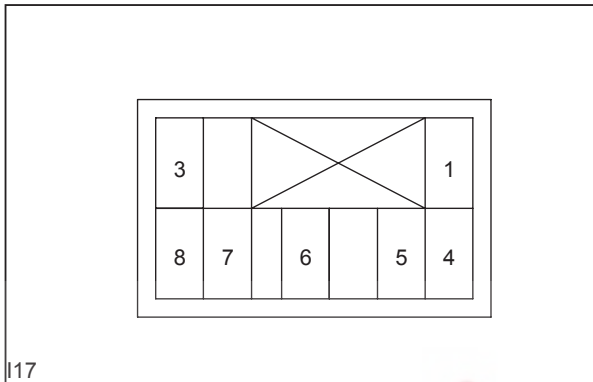
I16 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 Y	Key signal
3	0.50 BI	Key signal

Harness Connector View

Instrument Harness Connector (I--)

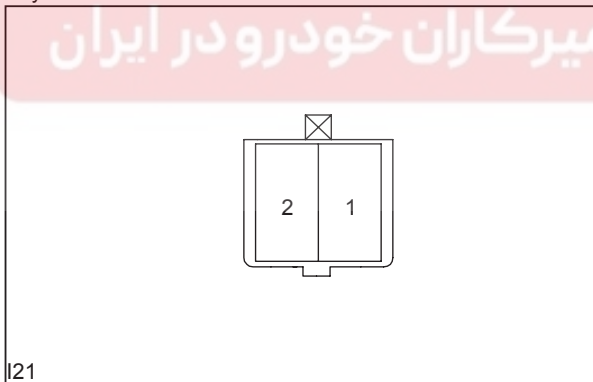
IMMO ECU-A Connector



I17 Pin Definition

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

Key Width Connector

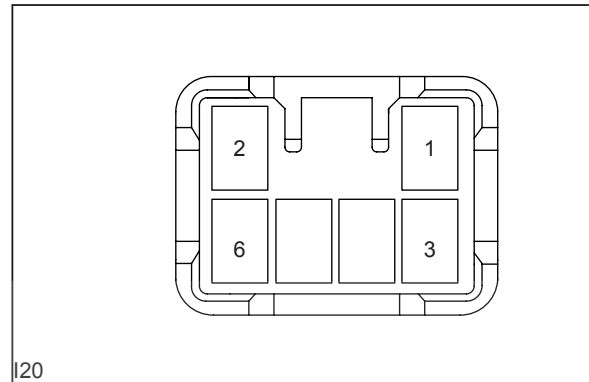


I21 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 V	Key position signal

Instrument Harness Connector (I--)

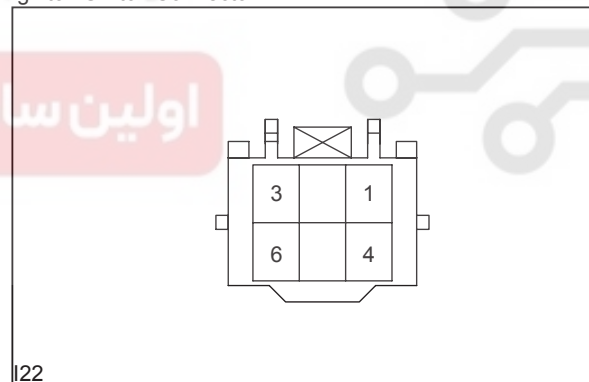
Snow Model Switch Connector



I20 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 G/Y	Snow model switch signal
4	0.50 G/Y	Interior lighting power
5	0.50 B	Ground
6	0.50 B	Ground

Igniton Switch Connector

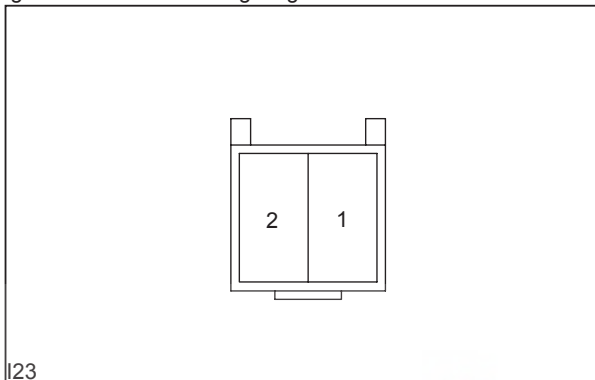


I22 Pin Definition

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

Harness Connector View

Instrument Harness Connector (I--)
Igniton Switch Interior Lighting Connector

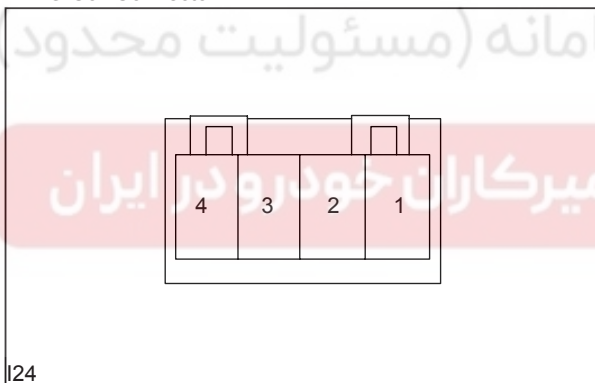


I23

I23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/G	Ignition switch coil lighting power
2	0.50 Y	Ignition switch coil lighting control signal

IMMO Coil Connector

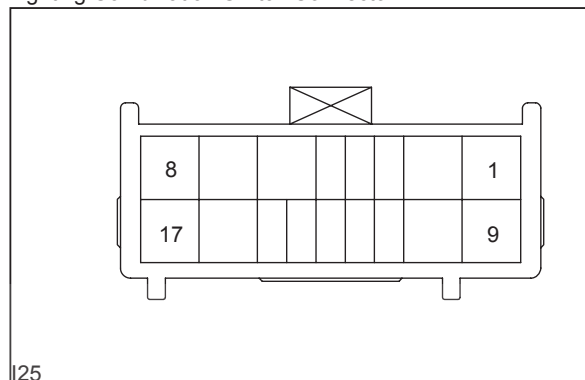


I24

I24 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y	Key signal
2		NC
3	0.50 BI	Key signal
4		NC

Instrument Harness Connector (I--)
Lighting Combination Switch Connector



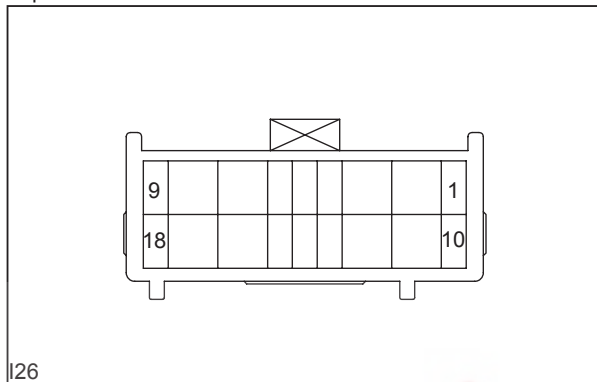
I25

I25 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/Br	Overtank lamp control signal
2	0.50 BI/V	High beam lamp control signal
3		NC
4		NC
5		NC
6	0.50 G/Y	Turn left lamp control signal
7	0.50 B	Ground
8	0.50 G/W	Turn right lamp control signal
9		NC
10		NC
11	0.50 B	Ground
12	0.50 BI/R	Auto lamp control signal
13	0.50 BI/Gr	Width lamp control signal
14	0.50 BI/W	Low beam control signal
15	0.50 BI/G	Fog lamp control signal
16	0.50 B	Ground
17	0.50 G/BI	Rear fog lamp control signal

Harness Connector View

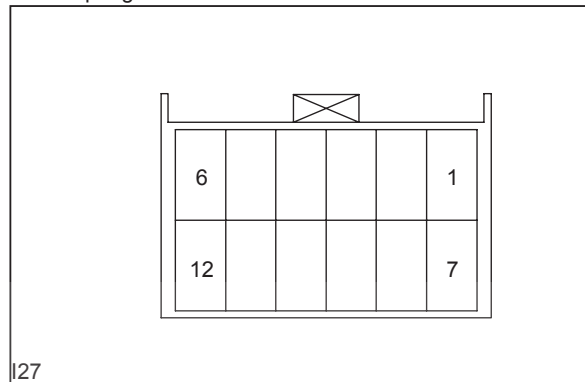
Instrument Harness Connector (I--)
Wiper Combination Switch Connector



I26 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	2.00 P/Bl	High speed power
3	2.00 P/G	Power
4		NC
5		NC
6		NC
7		NC
8	0.50 P/Gr	Rear wiper control signal
9		NC
10		NC
11	0.85 B	Ground
12	0.50 P/G	Rear wiper control signal
13		NC
14	0.50 B	Ground
15	0.50 P/W	Headlamp washer control signal
16	1.25 P/Y	Return power
17	2.00 P/R	IG1 power
18	0.50 P/Br	Rear washer control signal

Instrument Harness Connector (I--)
Clock Spring-1 Connector



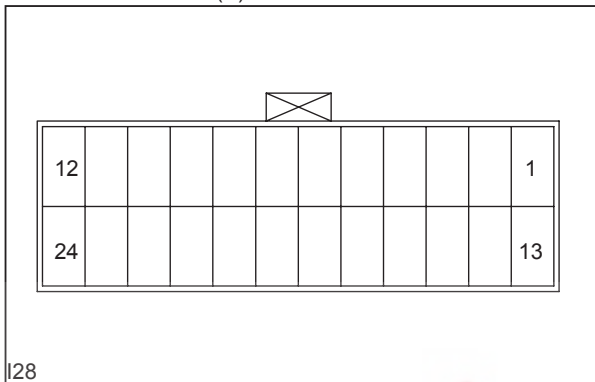
I27 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 B	Ground
3	0.50 R/B	CD system control signal
4	0.50 R/W	CD system control signal
5	0.50 G/Y	Interior lighting power
6	0.50 P/B	Horn control signal
7		NC
8		NC
9		NC
10		NC
11		NC
12		NC

Harness Connector View

Instrument Harness Connector (I--)

Instrument Cluster-2(B) Connector

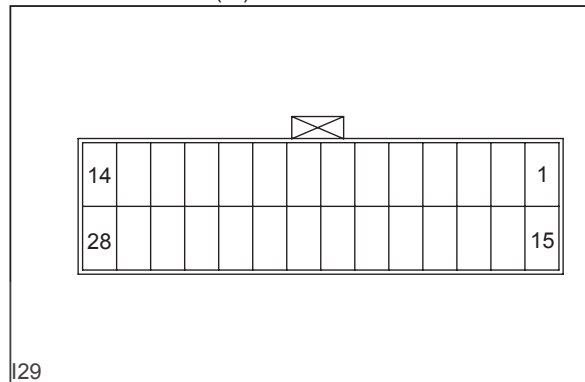


I28 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	LF door ajar indicator
2	0.50 B/Y	RF door ajar indicator
3	0.50 B/P	LR door ajar indicator
4	0.50 B/V	RR door ajar indicator
5	0.50 Y/W	Passenger side safety belt switch signal
6	0.50 Y/B	Driveside safety belt switch signal
7	0.50 Br/B	IMMO indicator signal
8		NC
9	0.50 W/B	Engine speed signal
10	0.50 W	
11	0.50 BI/W	CAN-H
12	0.50 BI/B	CAN-L
13	0.50 BI	Width lamp indicator
14		NC
15	0.50 BI/W	High beam lamp indicator
16	0.50 BI/B	Parking brake switch indicator
17	0.50 V/B	Reverse radar signal
18	0.50 V/W	Reverse radar signal
19	0.50 V/BI	Reverse radar signal
20	0.50 B	Ground
21	0.50 V/G	Reverse radar signal
22	0.50 G/R	Reverse lamp signal
23	0.50 G/R	Turn right lamp indicator
24		NC

Instrument Harness Connector (I--)

Instrument Cluster -2(W) Connector



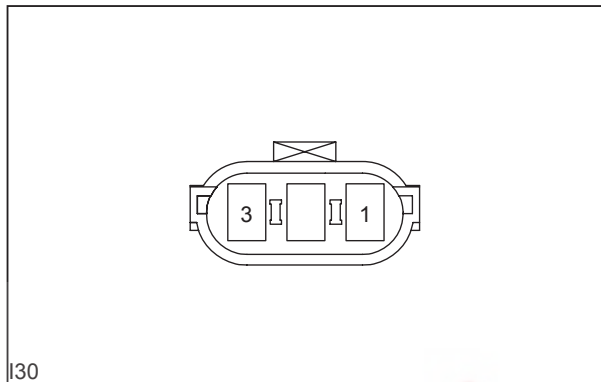
I29 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/W	
2	0.50 O/G	Speed signal input
3		NC
4	0.50 R/B	Fuel level sensor indicator
5	0.50 V/G	Data line
6	0.50 V/B	Data line
7	0.50 V/BI	Data line
8	0.50 Br	Coolant temperature signal
9		
10	0.50 R/BI	ABS fault indicator
11	0.50 V	Charging indicator
12	0.50 O/B	SRS fault indicator
13	0.50 Y/B	Oil pressure signal indicator
14	0.50 G/O	Turn left lamp indicator
15	0.50 BI	IG2 power
16	0.50 Y	Battery power
17	0.50 BI/Y	Low beam lamp indicator
18	0.50 BI/B	Front fog lamp indicator
19	0.50 G/Br	Rear fog lamp indicator
20	0.50 B	Ground
21		NC
22		NC
23	0.50 G/Y	Interior lighting power
24	0.50 W/BI	SVS indicator
25	0.50 BI/R	Brake fluid switch signal
26	0.50 B/O	Tail gate ajar indicator
27	0.50 P	Rear defroster indicator
28	0.50 G	Check Engine

Harness Connector View

Instrument Harness Connector (I--)

Anti-theft Alarm Connector

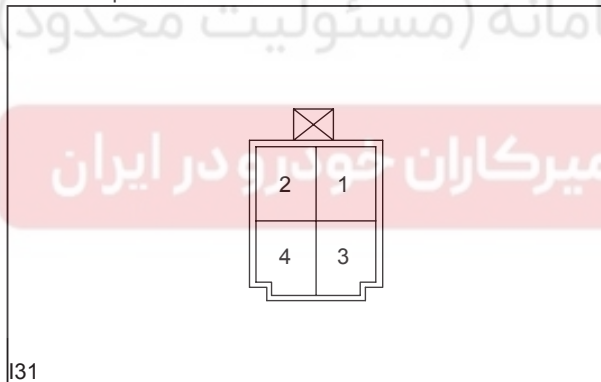


I30

I30 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/W	Anti-theft alarming signal
2		NC
3	0.50 B	Ground

Inside Temperature Sensor Connector



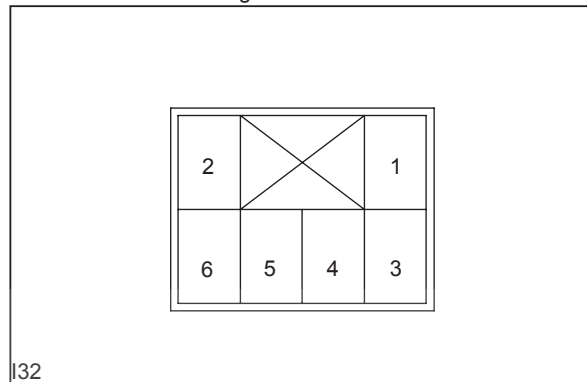
I31

I31 Pin Definition

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

Instrument Harness Connector (I--)

Driver Side Seat Heating Switch Connector

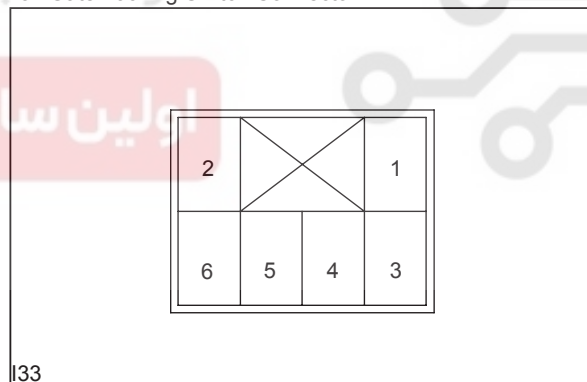


I32

I32 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 G/Y	Interior lighting power
5	2.00 B/Y	Power
6	1.25 G	Power output

Tail Gate Locking Switch Connector



I33

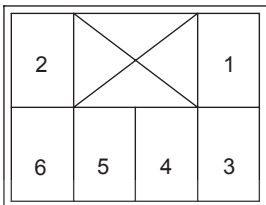
I33 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 G/Y	Interior lighting power
5		NC
6	0.50 Br/Y	Tail gate locking/unlocking

Harness Connector View

Instrument Harness Connector (I--)

Passenger Side Seat Heating Switch Connector

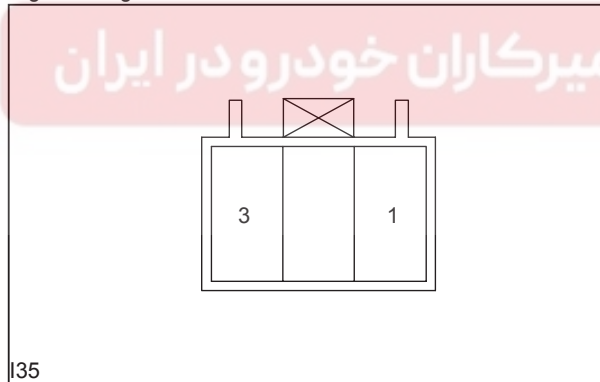


I34

I34 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3	0.50 B	Ground
4	0.50 G/Y	Interior lighting power
5	1.25 W	Power
6	1.25 Br	Power output

Cigarette Lighter Connector



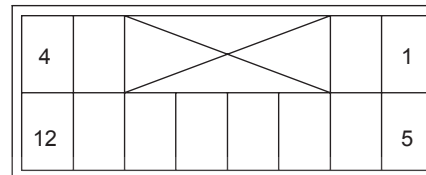
I35

I35 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B	Ground
2	0.85 R/V	Power
3	0.50 G/Y	Interior lighting power

Instrument Harness Connector (I--)

Multi-Function Discreen Connector

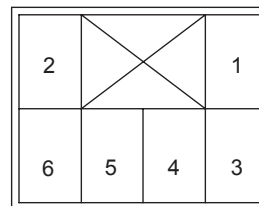


I36

I36 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5	0.50 R/V	Battery power
6	0.50 Bl	IG2 power
7	0.50 B	Ground
8	0.50 G/W	Outside temperature sensor signal
9	0.50 B	Ground
10	0.50 O/G	Speed signal input
11	0.50 Y/B	Driver side seat belt switch signal ajar signal
12	0.50 Y/W	Passenger side seat belt switch signal ajar signal

Hazard Warning Lamp Connector



I37

Harness Connector View

Instrument Harness Connector (I--)

I37 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 G/Y	Interior lighting power
3	0.50 G/R	Hazard warning lamp power
4	0.50 G/B	Hazard warning lamp power input
5		NC
6	0.50 B	Ground

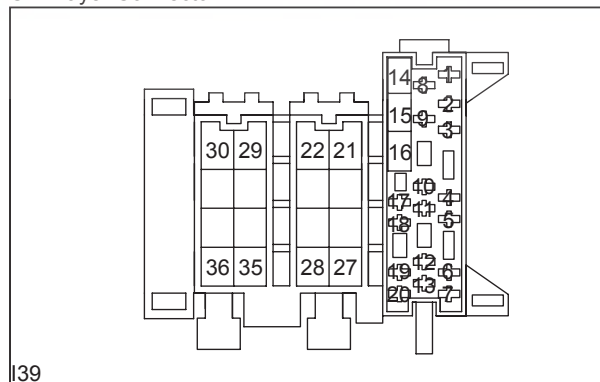
CD Player Antenna Connector



I38 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/R	ACC power

CD Player Connector



Instrument Harness Connector (I--)

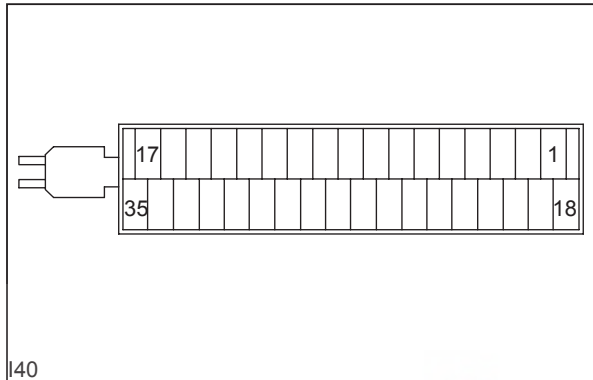
I39 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5		NC
6		NC
7		NC
8		NC
9		NC
10		NC
11		NC
12		NC
13		NC
14	0.50 V/BI	To instrument cluster data line
15	0.50 V/B	To instrument cluster data line
16	0.50 V/G	To instrument cluster data line
17		NC
18		NC
19		NC
20		NC
21	0.50 V/BI	LR door speaker power+
22	0.50 V/G	LR door speaker power-
23	0.50 V/O	LF door speaker power+
24	0.50 V/P	LF door speaker power-
25	0.50 V/Br	RF door speaker power-
26	0.50 V/Gr	RF door speaker power+
27	0.50 V/B	RR door speaker power-
28	0.50 V/W	RR door speaker power+
29	0.85 R/V	Battery power
30	0.85 B	Ground
31	0.50 G/Y	Interior lighting power
32	0.50 G/R	Reverse lamp signal
33	0.50 BI/B	Parking brake signal
34	0.50 V/R	ACC power
35	0.50 R/B	CD system control signal
36	0.50 R/W	CD system control signal

Harness Connector View

Instrument Harness Connector (I--)

BCM-1 Connector



I40

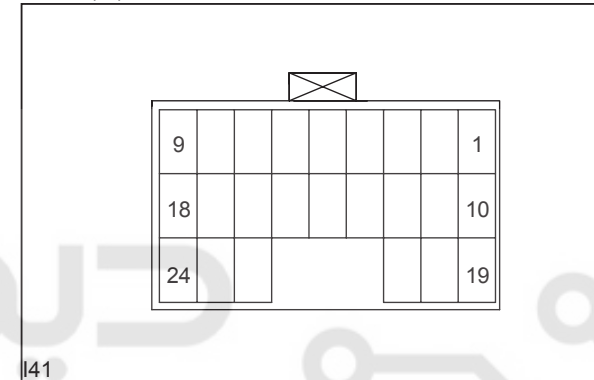
I40 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/V	Locking motor lock signal
2	0.50 Br/O	Locking motor unlock signal
3	0.85 Br	Battery power
4	1.25 Y/Gr	RR power window down signal
5	1.25 Y/B	RR power window up signal
6	2.00 B	Ground
7	1.25 Y/V	LR power window down signal
8	1.25 Y/Br	LR power window up signal
9	1.25 R/Y	Battery power
10	1.25 R/Y	Battery power
11	1.25 Y/BI	RF power window up signal
12	1.25 Y/G	RF power window down signal
13	2.00 B	Ground
14	2.00 B	Ground
15	1.25 Y/W	LF power window up signal
16	1.25 Y/R	LF power window down signal
17	0.85 R	Turn/Hazard warning lamp power
18	0.50 Br/P	LF door locking unlock signal
19	0.50 Br/Gr	LF door locking lock signal
20	0.85 Br/R	Tail gate unlock signal
21	0.50 Br/W	Anti-theft alarming signal
22		NC
23	0.50 G/Gr	Midle dome lamp control signal
24	0.50 BI	Width lamp control signal
25	0.50 BI/O	Low beam lamp control signal
26	0.50 G/R	LR turn lamp power
27	0.50 G/O	RR turn lamp power
28		NC
29	0.85 P/Gr	Front washer control signal
30	0.85 P/Br	Front washer control signal

Instrument Harness Connector (I--)

Pin Number	Wire Width / Color	Function
31	0.85 P/Y	Rear wiper return signal
32	0.85 P/G	Rear wiper signal
33	2.00 R/P	IG2 power
34	1.25 G/R	Left side turn lamp power
35	1.25 G/O	Right side turn lamp power

BCM-2(W) Connector



I41

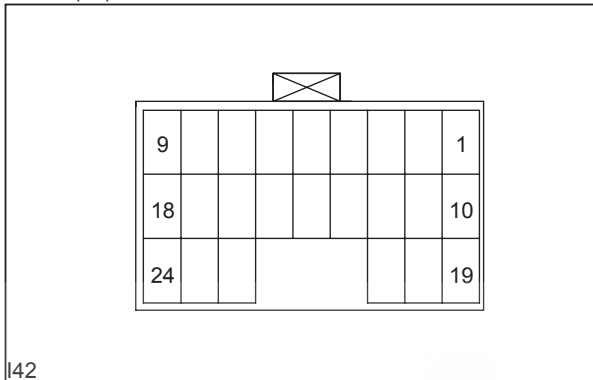
I41 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/R	Battery power
2	0.50 BI	IG2 power
3	0.50 Y	Ignition switch coil lighting control signal
4	0.50 V	Key position signal
5	0.50 Y/R	LF power window switch up signal
6	0.50 Y/P	LF power window switch down signal
7	0.50 Y/W	RF power window switch up signal
8	0.50 Y/V	RF power window switch down signal
9	0.50 Y/BI	LR power window switch up signal
10	0.50 Y/G	LF power window switch down signal
11	0.50 Y/O	RR power window switch up signal
12	0.50 Y/Br	RR power window switch down signal
13	0.50 G/B	Fuel pump control signal
14	0.50 B/W	RF door lamp control signal
15	0.50 B/Y	LF door lamp control signal
16	0.50 B/P	LR door lamp control signal
17	0.50 B/V	RR door lamp control signal
18	0.50 B/O	Tail gate open signal
19	0.50 R/W	BCM fault diagnose signal
20		NC
21		NC
22	0.50 B/G	Other door locking unlock signal
23	0.50 B/BI	Other door locking lock signal
24	0.50 B/Gr	LF door locking status signal

Harness Connector View

Instrument Harness Connector (I--)

BCM-3(Gr) Connector

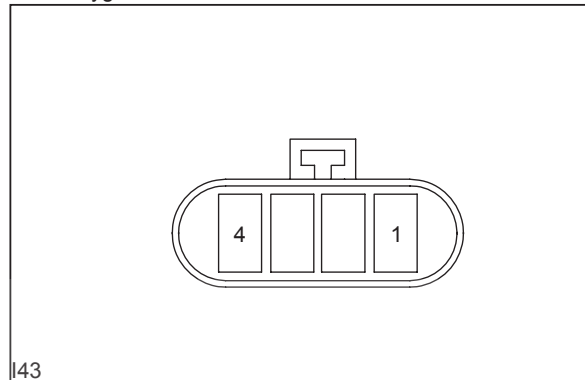


I42 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/B	Hazard warning lamp power input
2	0.50 G/Y	Turn left control signal
3	0.50 G/W	Turn right control signal
4	0.50 Bl/R	Auto lamp control signal
5	0.50 Bl/W	Low beam lamp control signal
6	0.50 Bl/Gr	Widw lamp control signal
7	0.50 G/O	Ambient Light Sensor
8	0.50 P/G	Rear wiper control signal
9	0.50 Br/B	IMMO indicator
10		NC
11		NC
12	0.50 Br/G	Central locking unlock signal
13	0.50 Br/Bl	Central locking lock signal
14	0.50 Br/Y	Tail gate locking unlock signal
15	0.50 R	Sunroof control signal
16	0.50 P/W	Headlamp washer control signal
17	0.50 P/Br	Rear washer control signal
18	0.50 P/Gr	Front washer control signal
19		NC
20		NC
21		NC
22		NC
23	0.50 O/W	SRS Colision Signal
24	0.50 O/G	Speed sensor signal

Instrument Harness Connector (I--)

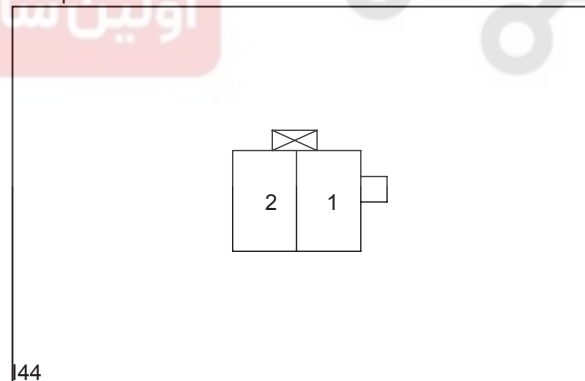
Rear Oxygen Sensor Connector



I43 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V	Power(Delphi)
1	0.50 O	Power(UE)
2	0.50 G	Signal(Delphi)
2	0.50 Gr	Signal(UE)
3	0.50 Gr	Heating control signal(Delphi)
3	0.50 G	Heating control signal(UE)
4	0.50 V/B	Heating control signal

RF Speaker Connector

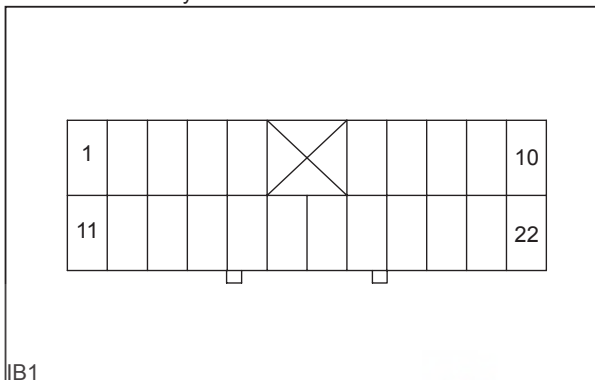


I44 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/Gr	Right side tweeter power+
2	0.50 V/Br	Right side tweeter power-

Harness Connector View

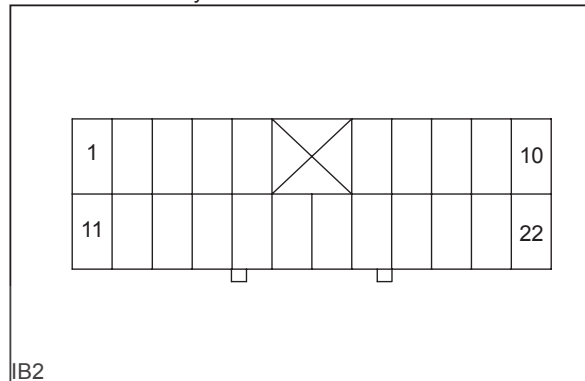
Instrument Harness Connector (I--)
IP Harness to Body Harness Connector



IB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/R	IG2 power
2	1.25 G	Power input
3	0.50 Y/B	Driver side seat bealt switch ajar signal
4	2.00 P	Rear defroster power
5	0.50 Y/G	LR power window switch down signal
6	1.25 V/W	USB power
7	0.50 V/G	Reverse radar signal
8	0.50 V/B	Reverse radar signal
9	0.85 Br/R	Tail gate unlock signal
10	0.50 B/P	LF door lamp signal
11	0.50 V/BI	LR door speaker power-
12	0.50 V/G	LR door speaker power+
13	0.50 Y/P	Shift mechanism signal
14	0.50 Y/W	Passenger side seat belt switch ajar signal
15	0.50 B/W	LF door lamp control signal
16	0.50 R/G	Shift mechanism signal
17	0.85 P/Y	Rear wiper return power
18	0.50 G/R	LR turn lamp power
19	0.50 G/Br	Rear fog lamp power
20	0.85 P/G	Rear wiper power
21	0.50 Y/BI	LR power window switch up signal
22	0.50 R/B	Fuel level sensor indicator

Instrument Harness Connector (I--)
IP Harness to Body Harness Connector



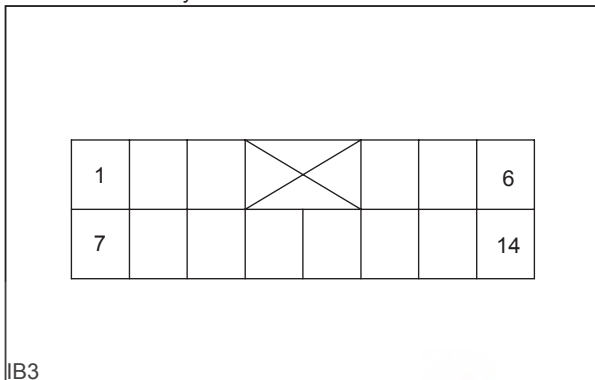
IB2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/W	Brake lamp power
2	0.50 V/B	RR door speaker power-
3	1.25 Y/Gr	RR power window down signal
4	0.50 V/W	RR door speaker power+
5	0.50 B/V	RR door lamp control signal
6	0.50 BI	Width lamp power
7	0.50 BI/B	Parking brake switch signal
8	0.50 B/Y	RF door lamp control signal
9	0.50 G/O	RR turn lamp power
10	0.50 Y/Br	RR power window switch down signal
11	0.50 B/O	Tail gate open signal
12		NC
13		NC
14	1.25 Y/B	RR power window up signal
15	0.50 V/W	Reverse radar signal
16	0.50 V/BI	Reverse radar signal
17	0.50 G/Y	Interior lighting power
18	0.50 R/G	Door lamp power
19		NC
20	0.50 Y/O	RR power window switch up signal
21	0.50 Br/V	Locking motor unlock signal
22	0.50 Br/O	Locking motor unlock signal

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to Body Harness Connector



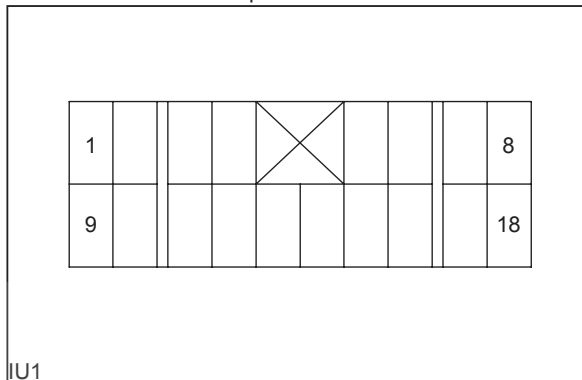
IB3

IB3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/G	LR WSS signal
2	0.50 Br/P	LR WSS signal
3	0.50 Y/B	Safety switch signal
4	0.50 R/BI	Power
5	1.25 R/BI	Fuel pump power
6	0.50 G/R	Reverse lamp power
7	0.50 Br/Y	RR WSS signal
8	0.50 Br/W	RR WSS signal
9	1.25 Y/Br	LF power window up signal
10	1.25 Y/V	LF power window down signal
11	0.50 Br/W	Anti-theft alarming signal
12	0.50 V/B	Shift mechanism signal
13		NC
14	1.25 Br	Power input

Instrument Harness Connector (I--)

IP Harness to Front Compartment Harness Connector



IU1

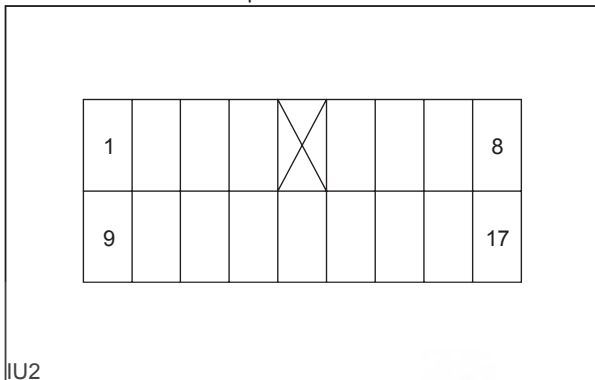
IU1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/R	IG2 power
2	0.50 G/B	FS45 power input(Delphi)
2	0.50 G/BI	FS45 power input(UE)
3	0.50 Y/P	Shift mechanism signal
4	0.50 R/G	Shift mechanism signal
5		NC
6	0.50 R/BI	ABS fault indicator
7	0.50 Y/Gr	Brake signal
8	0.50 G/W	Brake signal
9	0.50 P/B	Horn control signal
10	0.50 BI	Width lamp power
11	0.50 V	Rear Oxygen Sensor Power(Delphi)
11	2.00 B/Y	ST power(UE)
12	0.50 BI/B	CAN-H
13	0.50 BI/W	CAN-L
14	0.50 Y	Battery power
15	0.50 BI/Gr	Low beam lamp adjustment signal
16	0.50 BI/G	Fog lamp control signal
17	2.00 B/W	IG2 power(Deiphi)
17	2.00 R/BI	IG1 power(UE)

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to Front Compartment Harness Connector

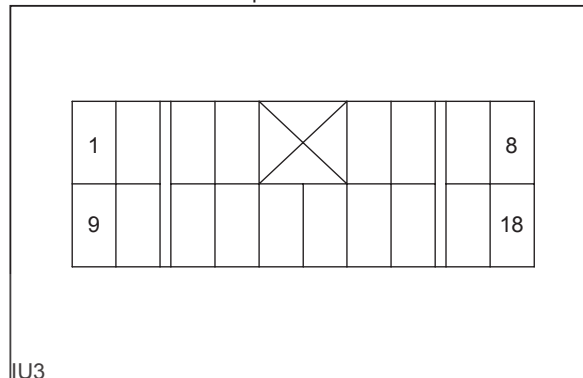


IU2 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P/BI	Front wiper high speed power
2	1.25 P/Y	Front wiper return power
3	2.00 P/G	Front wiper power
4	0.50 G/Br	Reverse lamp power(CVT)
5	0.50 BI	Width lamp control signal
6	0.50 BI/R	Brake fluid switch signal
7	0.50 BI/Y	Low beam lamp adjustment signal
8	0.50 BI/V	High beam lamp control signal
9	0.50 BI/Br	Overtank lamp control signal
10		NC
11	0.50 BI/O	Low beam lamp control signal
12		NC
13	1.25 W	Power
14		NC
15	0.50 BI/W	High beam lamp indicator
16	0.50 O	Rear Oxygen Sensor Power
17	2.00 P/R	Power

Instrument Harness Connector (I--)

IP Harness to Front Compartment Harness Connector



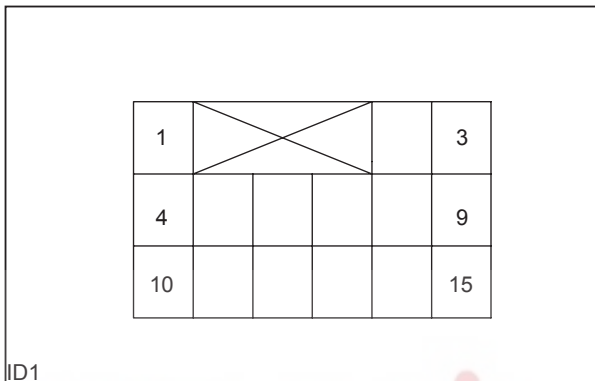
IU3 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Reverse lamp power(CVT)
2	1.25 R/BI	Fuel pump power
3	0.50 Br/G	LR WSS signal
4	0.50 Br/P	LR WSS signal
5	0.50 G/B	Fuel pump relay control signal
6	0.50 G/R	Left side turn lamp power
7	0.85 B/O	Fuel pump control
8	0.50 V/B	Shift mechanism signal
9	0.50 G/W	Outside temperature sensor signal
10	0.85 P/Gr	Front washer control signal
11	0.50 Br/Y	RR WSS signal
12	0.50 Br/W	RR WSS signal
13	0.85 P/Br	Front washer control signal
14	0.50 Gr/P	A/C switch signal
15		NC
16	0.50 G/O	Right side turn lamp power
17	0.50 BI/B	Front fog lamp power
18	0.50 G/Y	Snow model switch signal

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to LF Door Harness Connector



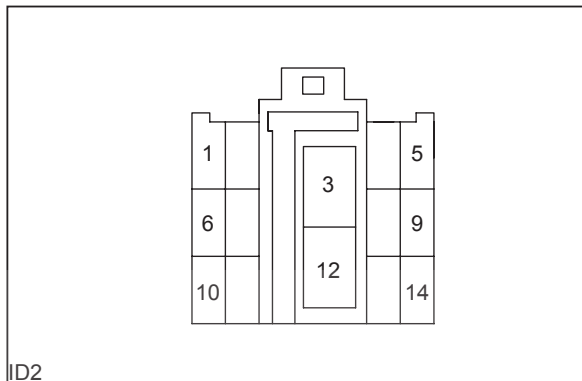
ID1

ID1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Left side turn lamp power
2		NC
3		NC
4	0.50 Y/R	LF power window switch up signal
5	0.50 Y/G	Left rearview mirror L/R adjustment power
6	0.50 Y/P	LF power window switch down signal
7	0.50 R/G	Power
8	0.50 Y/Gr	Left rearview mirror adjustment control signal
9	0.85 Br/P	LF door locking unlock signal
10	0.50 Y/W	Left rearview mirror U/D adjustment power
11	0.50 P	left rearview mirror heating power
12	0.50 V/P	LF door speaker power-
13	0.50 V/O	LF door speaker power+
14	0.85 B	Ground
15	0.50 B/W	LF door lamp control signal

Instrument Harness Connector (I--)

IP Harness to LF Door Harness Connector



ID2

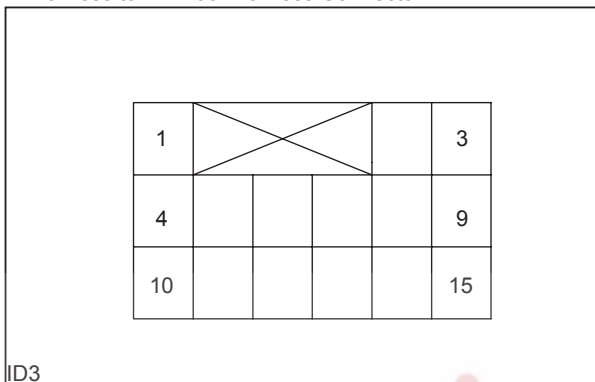
ID2 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Y	Interior lighting power
2	0.50 Y/BI	LR power window switch up signal
3	1.25 Y/W	LF power window up signal
4	0.50 Y/B	Safety switch signal
5	0.50 Y/G	LR power window switch down signal
6	0.50 Y/O	RR power window switch up signal
7	0.50 Y/Br	RR power window switch down signal
8	0.50 Y/W	RF power window switch up signal
9	0.50 Y/V	RF power window switch down signal
10	0.85 Br/Gr	LF door locking lock signal
11	0.50 B/Gr	LF door locking status signal
12	1.25 Y/R	LF power window down signal
13	0.50 B/G	Other door locking unlock signal
14	0.50 B/BI	Other door locking lock signal

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to RF Door Harness Connector



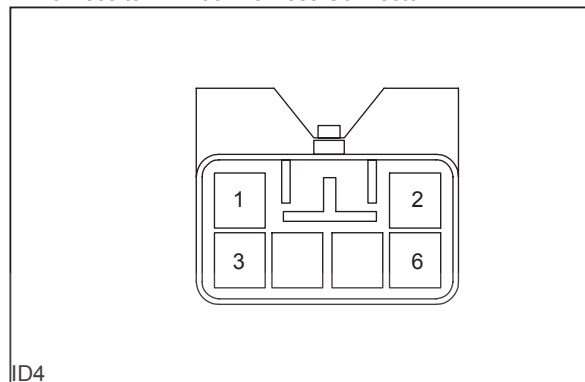
ID3

ID3 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Bl	RF power window up signal
2		NC
3	1.25 Y/G	RF power window down signal
4		NC
5	0.50 R/G	RF door lamp power
6	0.50 B/Y	RF door lamp control signal
7	0.50 Y/B	RF power window switch signal
8	0.50 Y/Br	Right rearview mirror adjustment control signal
9		NC
10	0.50 G/Y	Interior lighting power
11	0.50 Y/G	Right rearview mirror L/R adjustment power
12	0.50 Y/V	RF power window switch down signal
13	0.50 G/O	Right side turn lamp power
14	0.50 Y/W	RF power window switch up signal
15	0.50 Y/Bl	Right rearview mirror L/R adjustment power

Instrument Harness Connector (I--)

IP Harness to RF Door Harness Connector



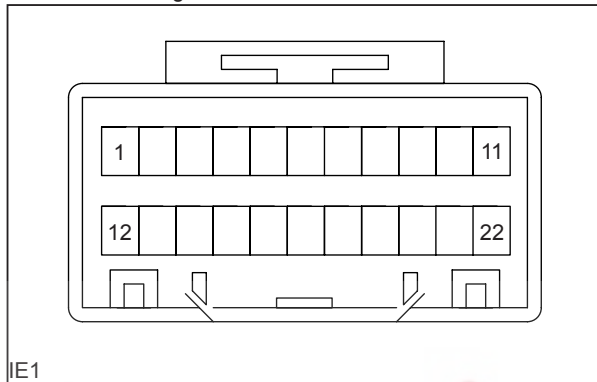
ID4

ID4 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B	Ground
2	0.50 Br/O	RF locking motor unlock signal
3	0.50 Br/V	RF locking motor lock signal
4	0.50 V/Br	RF door speaker power-
5	0.50 P	Right rearview mirror heating power
6	0.50 V/Gr	RF door speaker power+

Harness Connector View

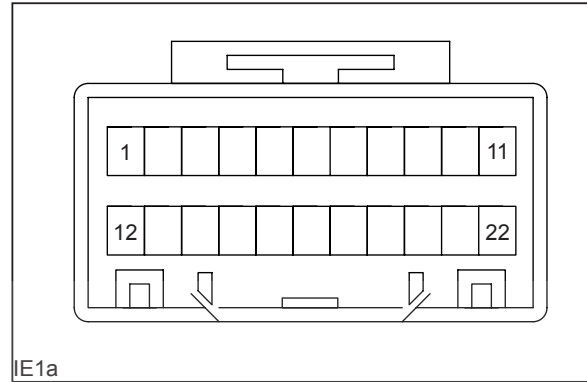
Instrument Harness Connector (I--)
IP Harness to Engine Harness Connector



IE1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 P/G	K-line
2		NC
3	0.50 G/R	Reverse Imap power
4	0.50 G/Br	Reverse Imap power
5	0.50 BI/B	CAN-H
6	0.50 BI/W	CAN-L
7	0.50 O/G	Speed signal
8	0.50 Gr	Rear oxygen sensor heating signal
9	0.50 B/O	Fuel pump relay control signal
10	0.50 G	Rear oxygen sensor signal
11	0.50 O/BI	Speed sensor signal
12	0.50 G/B	Brake switch signal
13	0.50 G/W	Brake switch signal
14	0.50 G	Check engine
15	0.50 V	Charging indicator
16	0.50 Y/B	Oil pressure switch signal
17	0.50 Br	Coolant temperature signal
18	0.50 O/W	
19	0.50 W/BI	SVS signal
20	0.50 W/B	Engine speed signal
21	0.50 V/B	Rear oxygen sensor heating signal
22	0.50 P/W	IMMO signal

Instrument Harness Connector (I--)
IP Harness to Engine Harness Connector

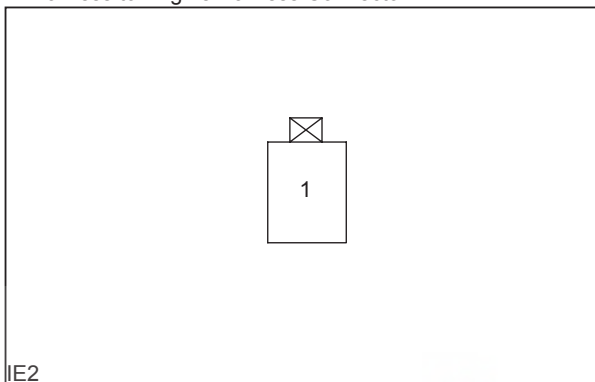


IE1a Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5	0.50 BI/W	CAN-L
6	0.50 BI/B	CAN-H
7	0.50 O/G	Speed signal
8	0.50 Gr	Rear oxygen sensor Ground
9	0.50 V/B	Rear oxygen sensor heating signal
10	0.50 G	Rear oxygen sensor heating signal
11		NC
12	0.50 G/B	Brake switch signal
13	0.50 G/W	Brake switch signal
14		NC
15		NC
16		NC
17		NC
18		NC
19	0.50 W/BI	SVS indicator
20		NC
21	0.50 V	Charging indicator
22	0.50 Y/B	Oil pressure signal indicator

Harness Connector View

Instrument Harness Connector (I--)
IP Harness to Engine Harness Connector

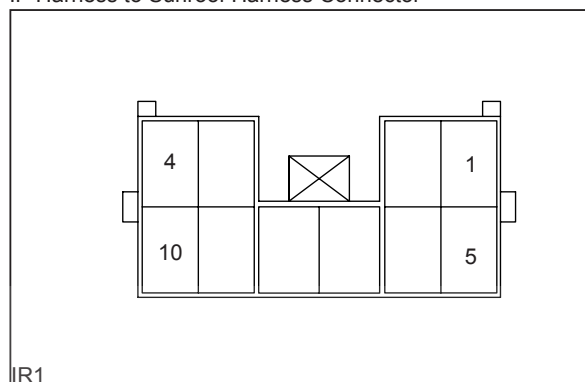


IE2

IE2 Pin Definition

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

Instrument Harness Connector (I--)
IP Harness to Sunroof Harness Connector



IR1

IR1 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 B	Ground
3	0.50 B/O	Tail gate ajar signal
4	0.50 BI	IG2 power
5	0.50 R	Sunroof control signal
6	0.50 G/Gr	Dome lamp control signal
7		NC
8		NC
9	0.85 R	Battery power
10	0.50 R/G	Battery power

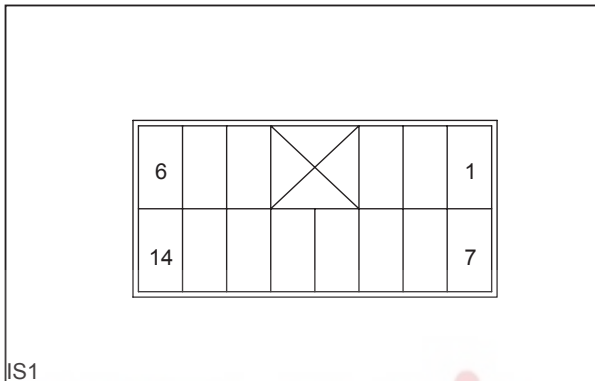
شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness Connector View

Instrument Harness Connector (I--)

IP Harness to SRS Harness Connector

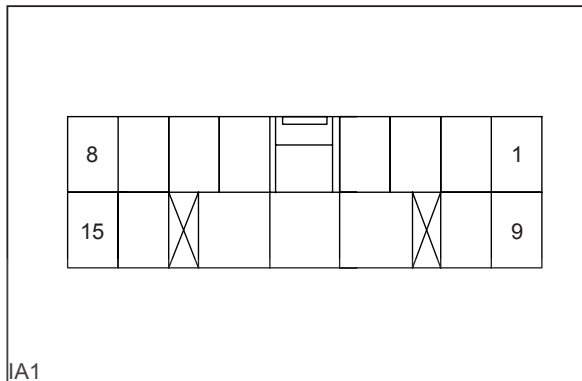


IS1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/W	Colision signal
2	0.50 B	Ground
3	0.50 Y/B	Driver side seat belt ajar signal
4		NC
5	0.50 R	IG1 power
6	0.50 O/B	SRS fault indicator
7	0.50 O	SRS fault diagnose signal
8		NC
9		NC
10		NC
11		NC
12	0.50 Y/W	Passenger side seat belt ajar signal
13		NC
14		NC

Instrument Harness Connector (I--)

IP Harness to A/C Harness Connector



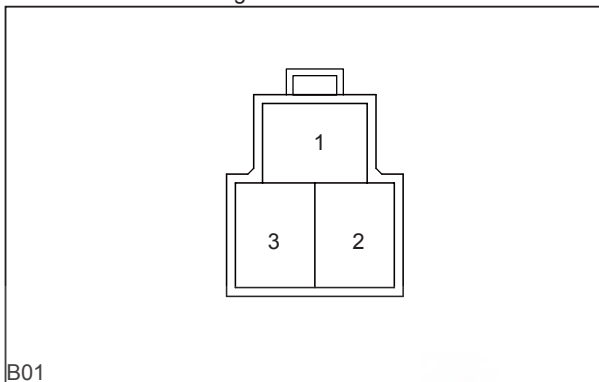
IA1

IA1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 B	Ground
3	0.50 G/W	Outside temperature signal
4	0.50 Br/W	Rear defroster relay control signal
5	0.50 Gr/P	A/C signal
6	0.50 G/Y	Interior lighting power
7	0.50 W	
8	0.50 W	IG2 power
9	0.50 O/BI	
10	0.50 W	
11	3.00 B	Ground
12	3.00 Y	Power
13		NC
14		NC
15	0.50 R/BI	Inside temperature signal

Harness Connector View

Body Harness Connector (B--)
Driver Side Seat Heating Connector



B01

B01 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B	Ground
2	1.25 G	Power input
3		NC

Driver Side Seat Belt Switch Connector

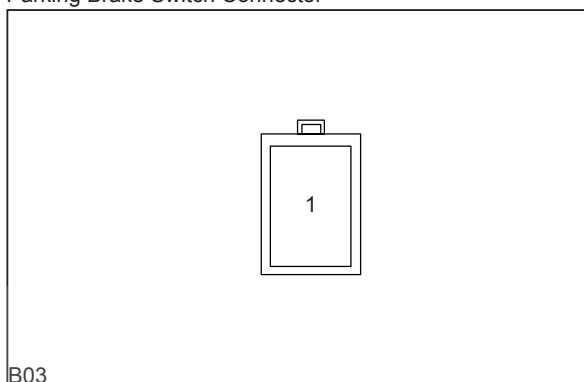


B02

B02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/B	Driver side seat belt switch ajar signal
2	0.50 B	Ground

Body Harness Connector (B--)
Parking Brake Switch Connector

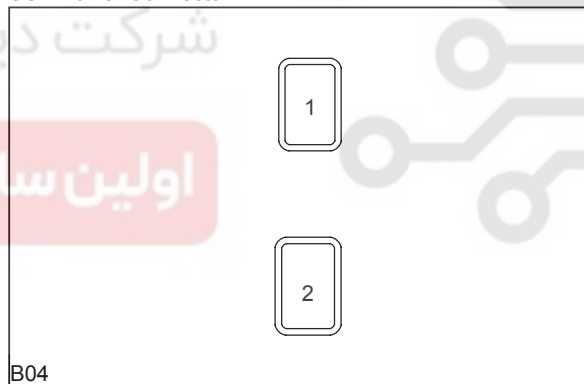


B03

B03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/B	Parking brake switch signal

USB Power Connector



B04

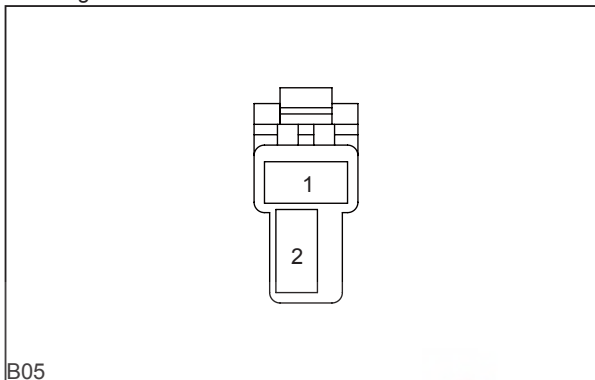
B04 Pin Definition

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

Harness Connector View

Body Harness Connector (B--)

Passenger Side Seat Belt Switch Connector

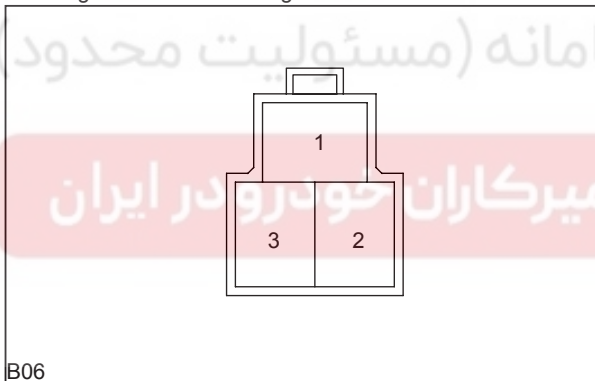


B05

B05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/W	Passenger side seat belt switch ajar signal
2	0.50 B	Ground

Passenger Side Seat Heating Connector



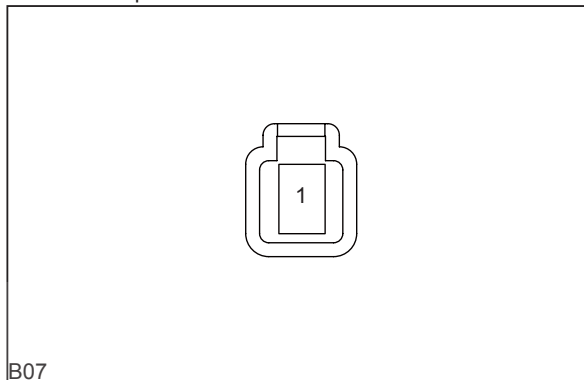
B06

B06 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B	Ground
2	1.25 Br	Power input
3		NC

Body Harness Connector (B--)

LF Door Lamp Switch Connector



B07

B07 Pin Definition

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

RR Wheel Speed Sensor Connector



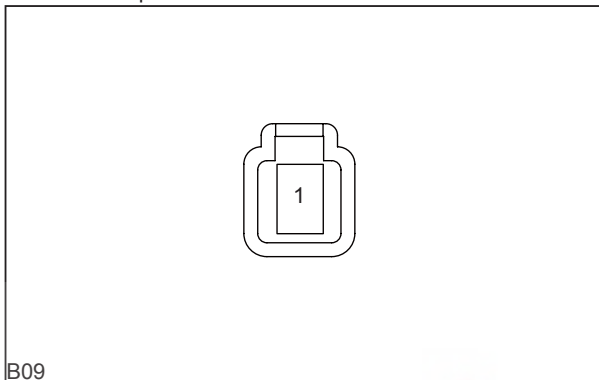
B08

B08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/Y	RR WSS signal
2	0.50 Br/W	RR WSS signal

Harness Connector View

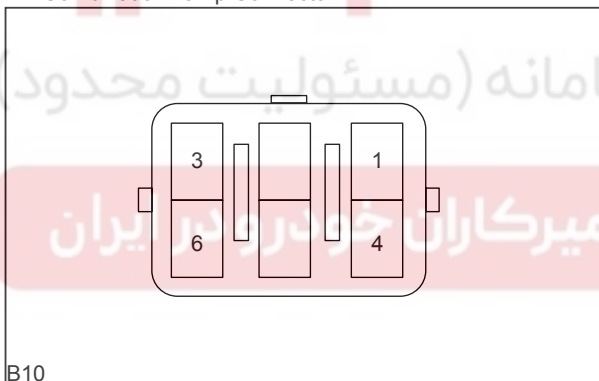
Body Harness Connector (B--)
RR Door Lamp Switch Connector



B09 Pin Definition

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

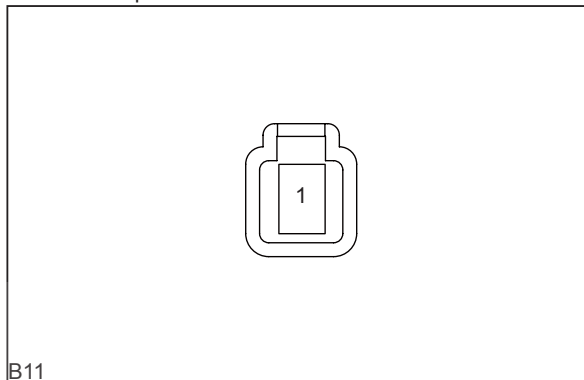
RR Combination Lamp Connector



B10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 B	Ground
3	0.50 G/O	RR turn lamp power
4	0.50 G/R	Reverse lamp power
5	0.50 G/W	Brake lamp power
6	0.50 BI	Width lamp power

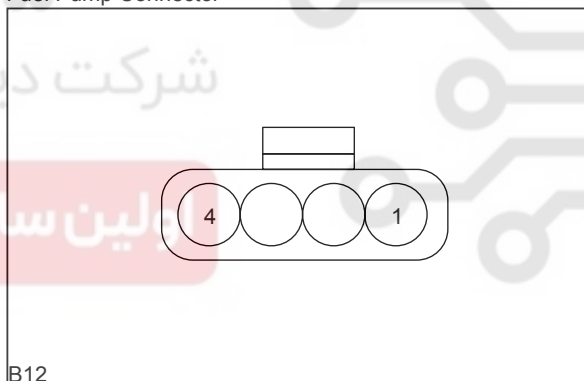
Body Harness Connector (B--)
LF Door Lamp Switch Connector



B11 Pin Definition

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

Fuel Pump Connector



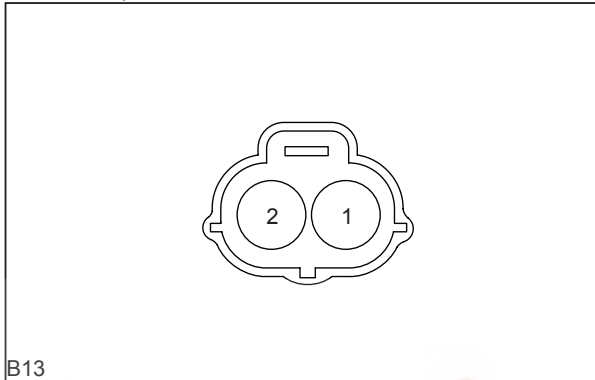
B12 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 B	Ground
2	1.25 R/BI	Power
3	0.50 B	Ground
4	0.50 R/B	Fuel level sensor indicator

Harness Connector View

Body Harness Connector (B--)

LR Wheel Speed Sensor Connector

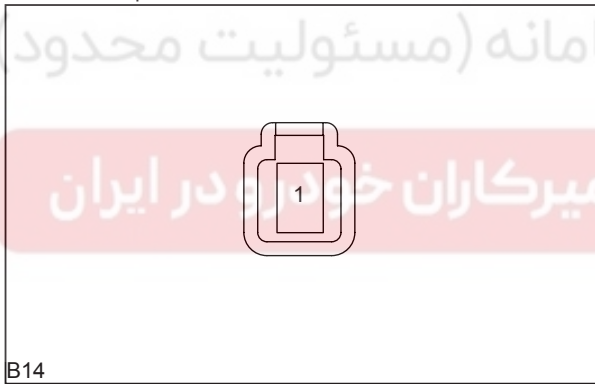


B13

B13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/G	LR WSS signal
2	0.50 Br/P	LR WSS signal

LR Door Lamp Switch Connector



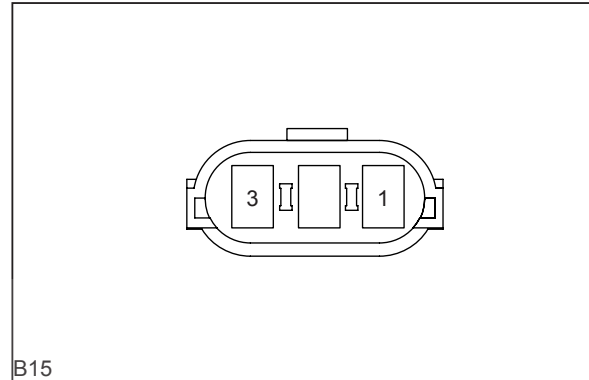
B14

B14 Pin Definition

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

Body Harness Connector (B--)

Anti-theft Alarm Connector

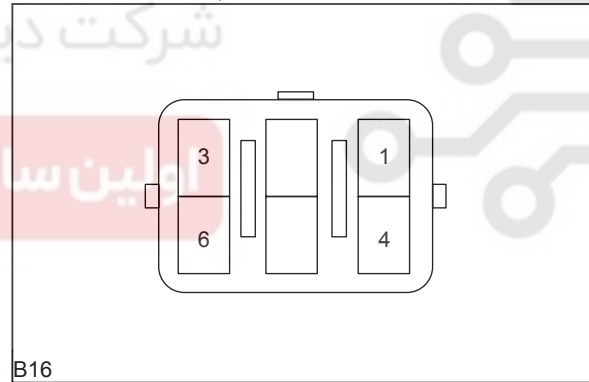


B15

B15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/W	Anti-theft alarming signal
2		NC
3	0.50 B	Ground

LR Combination Lamp Connector



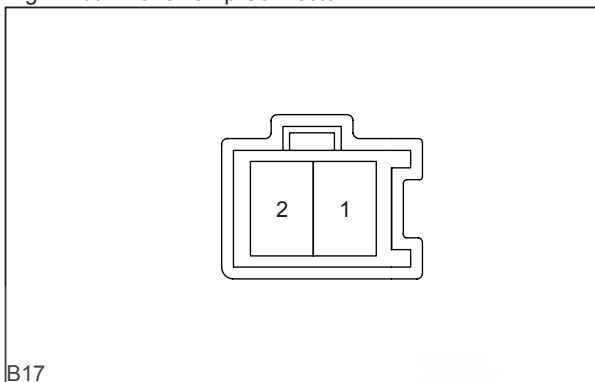
B16

B16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 B	Ground
3	0.50 G/R	LR turn lamp power
4	0.50 G/R	Reverse lamp power
5	0.50 G/W	Brake lamp power
6	0.50 BI	Width lamp power

Harness Connector View

Body Harness Connector (B--)
High Width Brake Lamp Connector



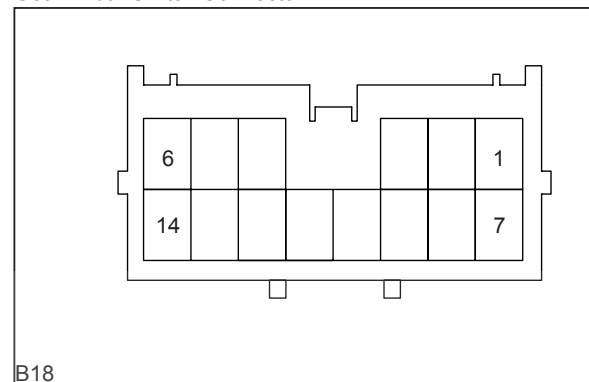
B17

B17 Pin Definition

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

Body Harness Connector (B--)

Gear Width Switch Connector



B18

B18 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Y	Interior lighting power
2	0.50 Y/R	IG2 power
3		NC
4	0.50 B	Ground
5	0.50 Y/P	Shift mechanism signal
6		NC
7	0.50 B	Ground
8	0.50 B	Ground
9	0.50 B	Ground
10	0.50 R/Bl	Power
11		NC
12		NC
13	0.50 V/B	Shift mechanism signal
14	0.50 R/G	Shift mechanism signal

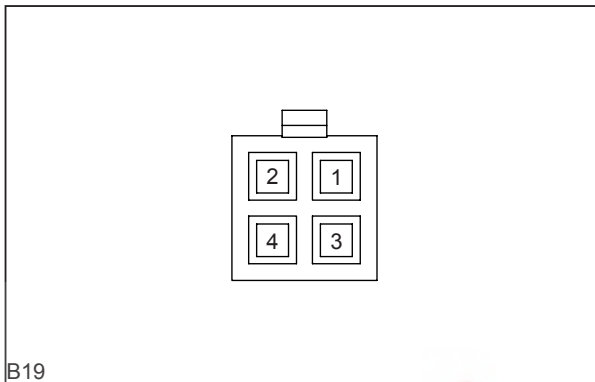
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Harness Connector View

Body Harness Connector (B--)

MP5 Connector

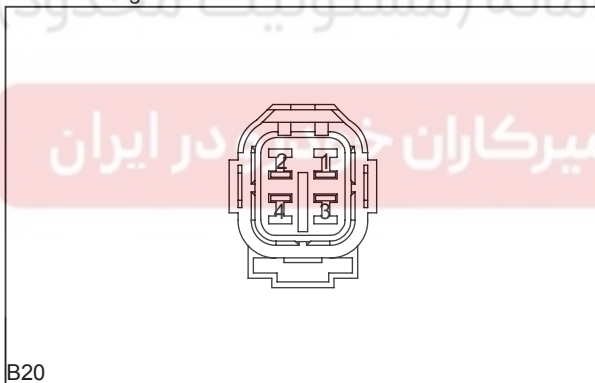


B19

B19 Pin Definition

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

Reverse Image Connector



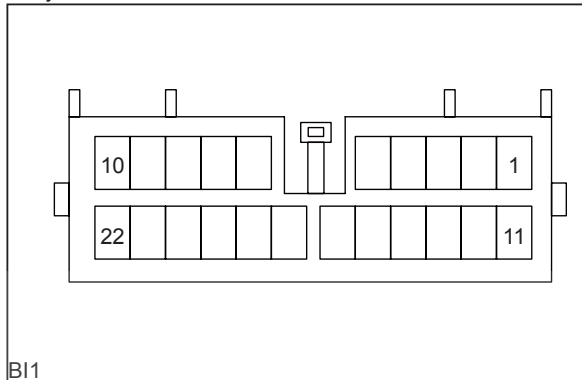
B20

B20 Pin Definition

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

Body Harness Connector (B--)

Body Harness to IP Harness Connector



B11

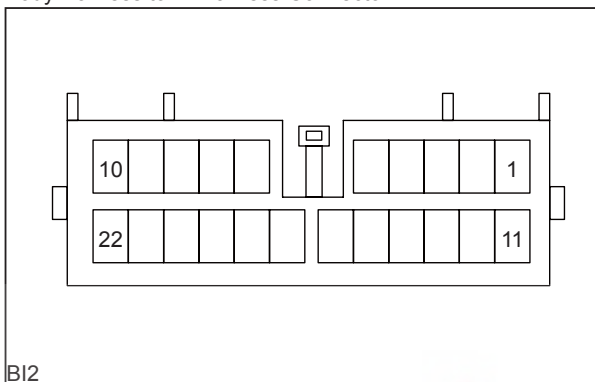
B11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/R	IG2 power
2	1.25 G	Power input
3	0.50 Y/B	Driver side seat belt switch ajar signal
4	2.00 P	Rear defroster power
5	0.50 Y/G	LR power window switch down signal
6	1.25 V/W	USB power
7	0.50 V/G	Reverse radar signal
8	0.50 V/B	Reverse radar signal
9	0.50 Br/R	Tail gate unlock signal
10	0.50 B/P	LR door lamp control signal
11	0.50 V/BI	LR door speaker power-
12	0.50 V/G	LR door speaker power+
13	0.50 Y/P	Ground
14	0.50 Y/W	Passenger side seat belt switch ajar signal
15	0.50 B/W	LF door lamp control signal
16	0.50 R/G	Ground
17	0.85 P/Y	Rear wiper return power
18	0.50 G/R	LR turn lamp power
19	0.50 G/Br	Rear fog lamp power
20	0.85 P/G	Rear wiper power
21	0.50 Y/BI	LR power window switch up signal
22	0.50 R/B	Fuel level sensor indicator

Harness Connector View

Body Harness Connector (B--)

Body Harness to IP Harness Connector



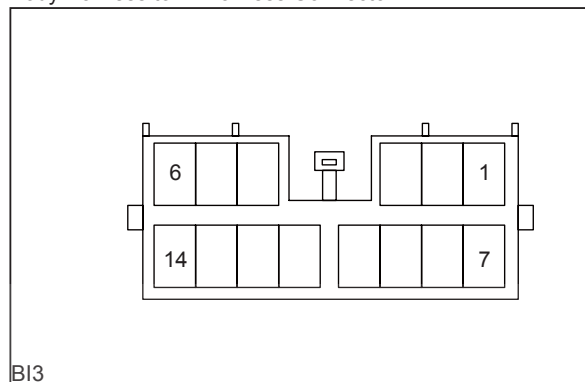
B12

B12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/W	Brake lamp power
2	0.50 V/B	RR door speaker power-
3	1.25 Y/Gr	RR power window down signal
4	0.50 V/W	RR door speaker power+
5	0.50 B/V	RR door lamp control signal
6	0.50 BI	Width lamp power
7	0.50 BI/B	Parking brake switch signal
8	0.50 B/Y	RF door lamp control signal
9	0.50 G/O	RR turn lamp power
10	0.50 Y/Br	RR power window switch down signal
11	0.50 B/O	Tail gate open signal
12		NC
13		NC
14	1.25 Y/B	RR power window up signal
15	0.50 V/W	Reverse radar signal
16	0.50 V/BI	Reverse radar signal
17	0.50 G/Y	Interior lighting power
18	0.50 R/G	Door lamp power
19		NC
20	0.50 Y/O	RR power window switch up signal
21	0.50 Br/V	Locking motor unlock signal
22	0.50 Br/O	Locking motor unlock signal

Body Harness Connector (B--)

Body Harness to IP Harness Connector



B13

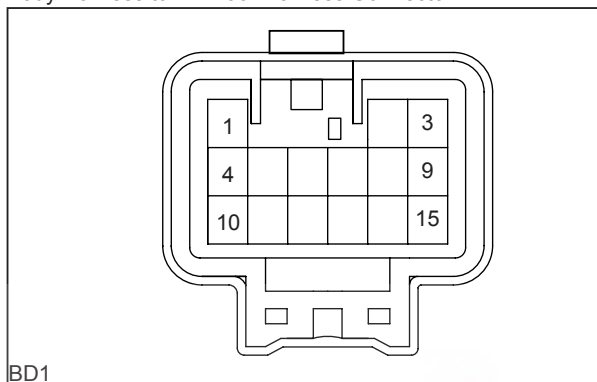
B13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/G	LR WSS signal
2	0.50 Br/P	LR WSS signal
3	0.50 Y/B	Safety switch signal
4	0.50 R/BI	Power
5	1.25 R/BI	Fuel pump power
6	0.50 G/R	Reverse lamp power
7	0.50 Br/Y	RR WSS signal
8	0.50 Br/W	RR WSS signal
9	1.25 Y/Br	LF power window up signal
10	1.25 Y/V	LF power window down signal
11	0.50 Br/W	Anti-theft alarming signal
12	0.50 V/B	Ground
13		NC
14	1.25 Br	Power input

Harness Connector View

Body Harness Connector (B--)

Body Harness to LR Door Harness Connector



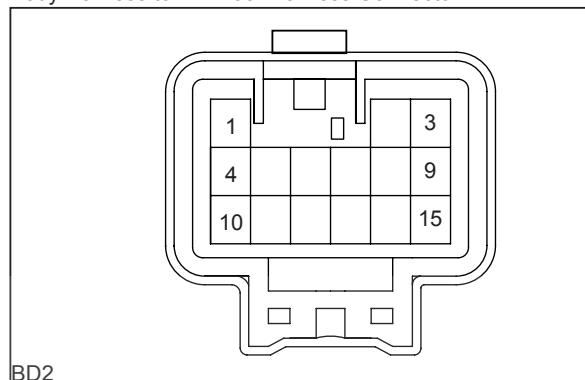
BD1

BD1 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/V	LR power window down signal
2		NC
3	1.25 Y/Br	LR power window up signal
4	0.50 B/P	LR door lamp control signal
5	0.50 Y/BI	LR power window switch up signal
6	0.50 Y/G	LR power window switch down signal
7	0.50 G/Y	Interior lighting power
8		NC
9	0.50 Y/B	Safety switch signal
10	0.50 V/BI	LR door speaker power-
11	0.85 B	Ground
12	0.50 Br/V	LR locking motor lock signal
13	0.50 Br/O	LR locking motor unlock signal
14	0.50 V/G	LR door speaker power+
15	0.50 R/G	LR door lamp power

Body Harness Connector (B--)

Body Harness to RR Door Harness Connector



BD2

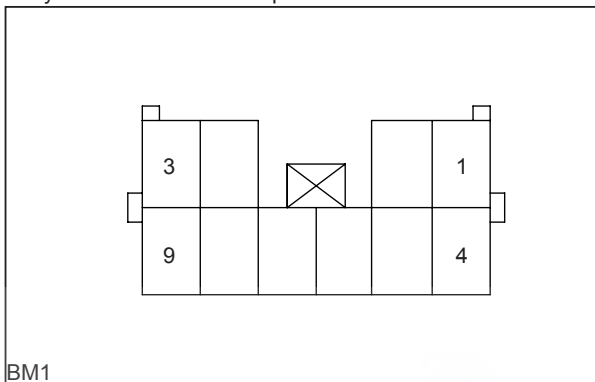
BD2 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/G	RR power window down signal
2		NC
3	1.25 Y/B	RR power window up signal
4	0.50 Y/O	RR power window switch up signal
5	0.50 G/Y	Interior lighting power
6	0.50 Y/B	Safety switch signal
7	0.50 R/G	RR door lamp power
8	0.50 V/W	RR door speaker power-
9	0.85 B	Ground
10	0.85 V/B	RR door speaker power+
11		NC
12	0.50 Y/Br	RR power window switch down signal
13	0.50 B/V	RR door lamp control signal
14	0.50 Br/V	RR locking motor lock signal
15	0.50 Br/O	RR locking motor unlock signal

Harness Connector View

Body Harness Connector (B--)

Body Harness to Rear Bumper Harness Connector



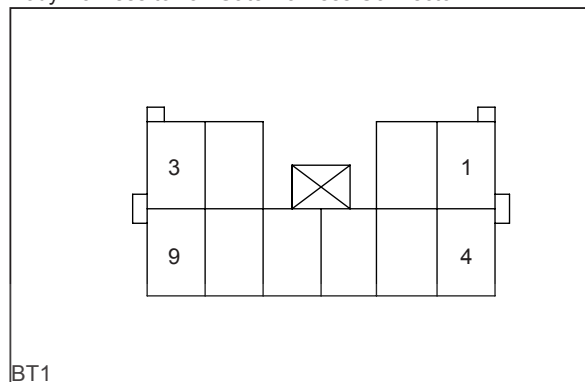
BM1

BM1 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/B	Reverse radar signal
2		NC
3		NC
4		NC
5	0.50 V/BI	Reverse radar signal
6	0.50 B	Ground
7	0.50 V/W	Reverse radar signal
8	0.50 G/Br	Rear fog lamp power
9	0.50 V/G	Reverse radar signal

Body Harness Connector (B--)

Body Harness to Tail Gate Harness Connector



BT1

BT1 Pin Definition

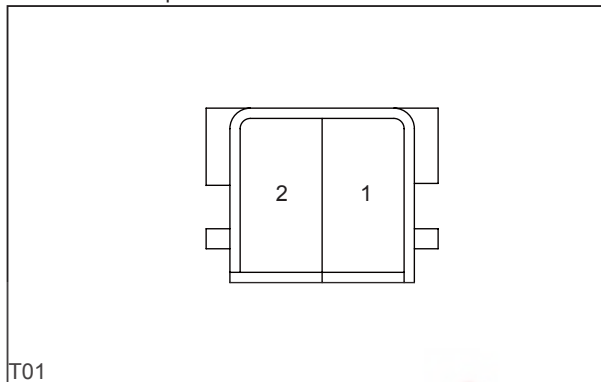
Pin Number	Wire Width / Color	Function
1	2.00 P	Rear defroster power
2		NC
3	0.50 BI	Width lamp power
4	0.50 B/O	Tail gate open signal
5	0.50 Br/R	Tail gate unlock signal
6	0.85 P/Y	Rear wiper return power
7	0.85 P/G	Rear wiper power
8		NC
9		NC
10	0.50 Br/V	Tail gate lock signal

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness Connector View

Tail Gate Harness Connector (T--)

LR License Lamp Connector

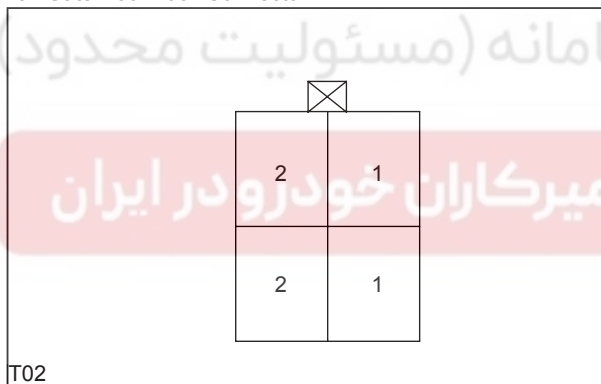


T01

T01 Pin Definition

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

Tail Gate Door Lock Connector



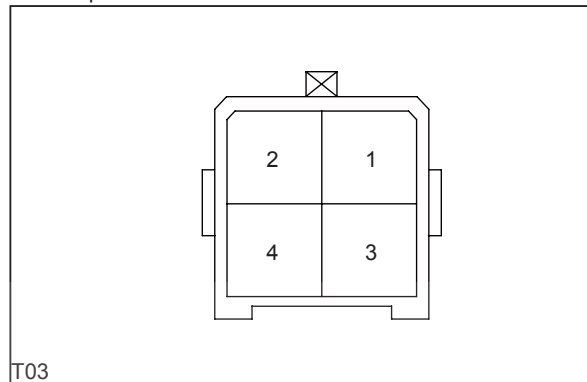
T02

T02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Br/R	Tail gate unlock signal
2	0.50 Br/V	Tail gate lock signal
3	0.50 B/O	Tail gate open signal
4	9 0.50 B	Ground

Tail Gate Harness Connector (T--)

Rear Wiper Motor Connector

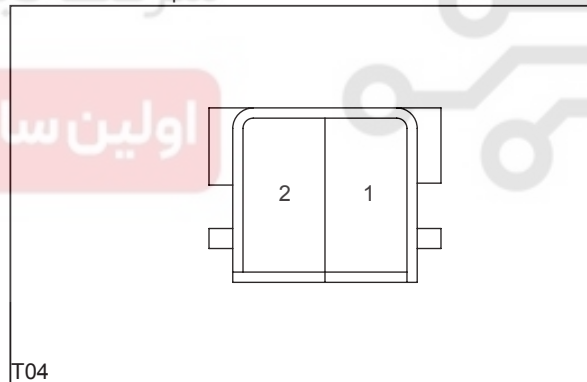


T03

T03 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.85 P/Y	Return power
3	0.85 P/G	Power
4	0.85 B	Ground

RR License Lamp Connector



T04

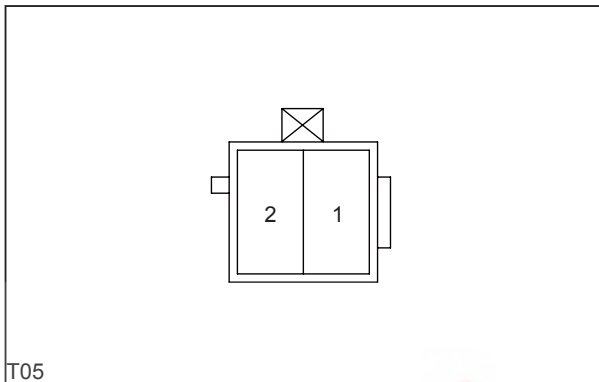
T04 Pin Definition

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

Harness Connector View

Tail Gate Harness Connector (T--)

Noise Filter Connector

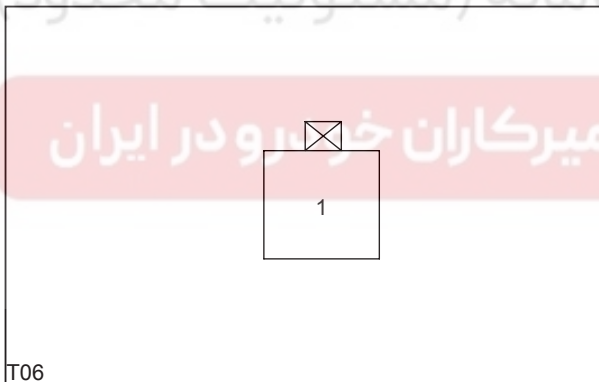


T05

T05 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 P	Nosie fliter signal
3		NC
4		NC

Rear Defroster Connector



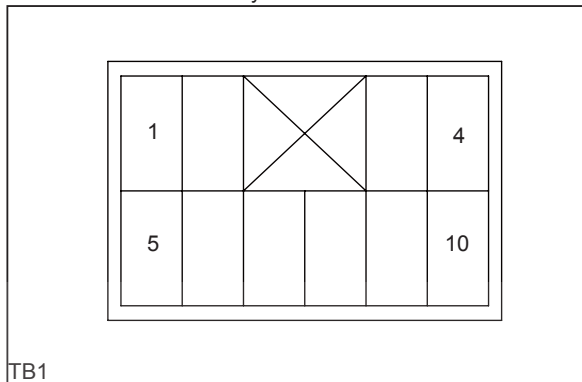
T06

T06 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P	Power

Tail Gate Harness Connector (T--)

Tail Gate Harness to Body Harness Connector



TB1

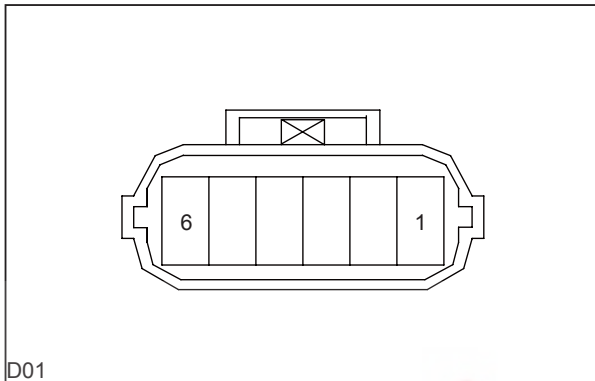
TB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 P	Rear defroster power
2		NC
3	0.50 BI	Width lamp power
4	0.50 B/O	Tail gate open singal
5	0.50 Br/R	Tail gate unlock signal
6	0.85 P/Y	Rear wiper return power
7	0.85 P/G	Rear wiper power
8		NC
9		NC
10	0.50 Br/V	Tail gate lock signal

Harness Connector View

Door Harness Connector(D--)

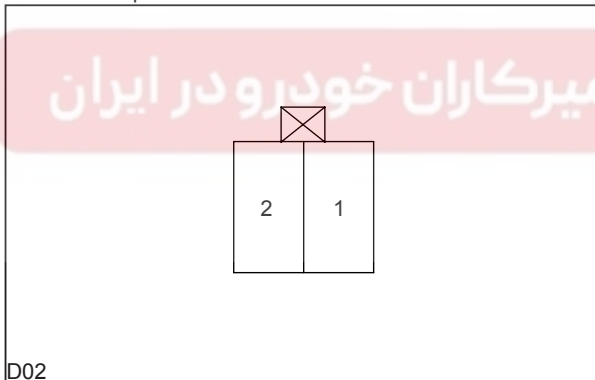
LF Door Lock Connector



D01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Br/P	LF door locking unlock signal
2	0.85 Br/Gr	LF door locking lock signal
3	0.50 B/BI	Other door locking lock signal
4	0.50 B/G	Other door locking unlock signal
5	0.85 B	Ground
6	0.50 B/G	LF door locking status signal

LF Door Lamp Connector

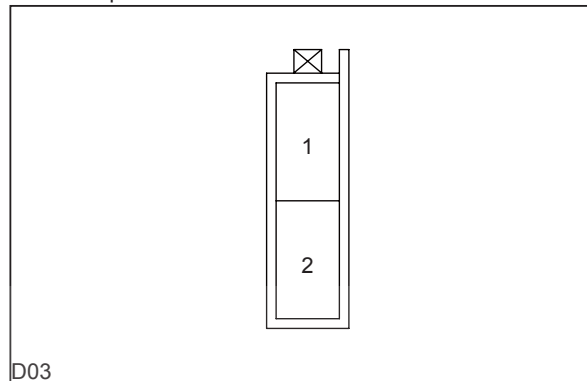


D02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	LF door lamp control signal
2	0.50 R/G	LF door lamp power

Door Harness Connector(D--)

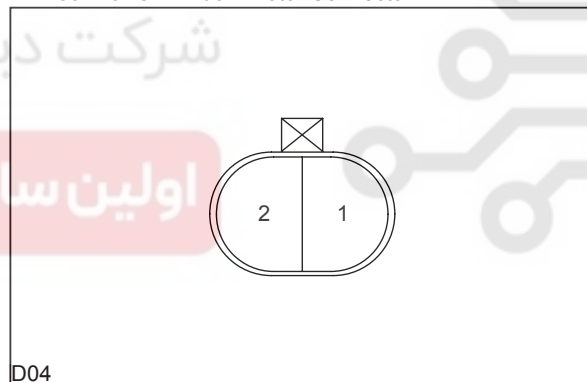
LF Door Speaker Connector



D03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/O	LF door speaker power+
2	0.50 Y/P	LF door speaker power-

LF Door Power Window Motor Connector

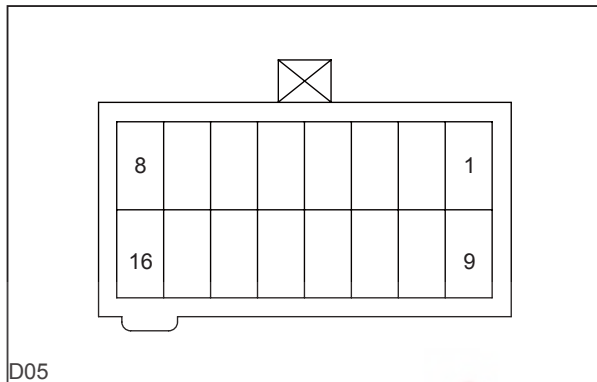


D04 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/W	Up signal
2	1.25 Y/R	Down signal

Harness Connector View

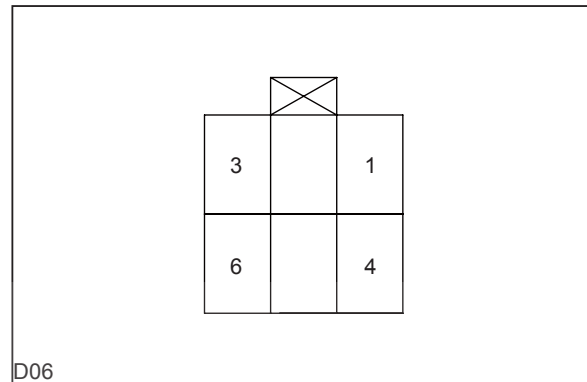
Door Harness Connector(D--)
LF Door Power Window Switch Connector



D05 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/P	LF power window switch down signal
2	0.50 Y/R	LF power window switch up signal
3	0.50 R/G	Safty switch interior lighting power
4		NC
5		NC
6	0.50 Y/B	Safety switch signal
7	0.50 Y/G	LR power window switch down signal
8	0.50 Y/Bl	LR power window switch up signal
9	0.50 Y/V	RF power window switch down signal
10	0.50 Y/W	RF power window switch up signal
11	0.50 G/Y	Interior lighting power
12		NC
13	0.85 B	Ground
14		NC
15	0.50 Y/Br	RR power window switch down signal
16	0.50 Y/O	RR power window switch up signal

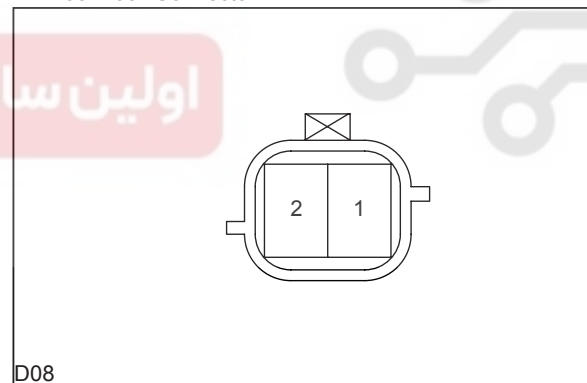
Door Harness Connector(D--)
Left Outside Power Rearview Mirror Connector



D06 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Left side turn lamp power
2	0.50 P	Heating power
3	0.50 Y/G	Left rearview mirror L/R adjustment power
4	0.85 B	Ground
5	0.50 Y/Gr	Left rearview mirror adjustment control signal
6	0.50 Y/W	Left rearview mirror U/D adjustment power

RF Door Lock Connector



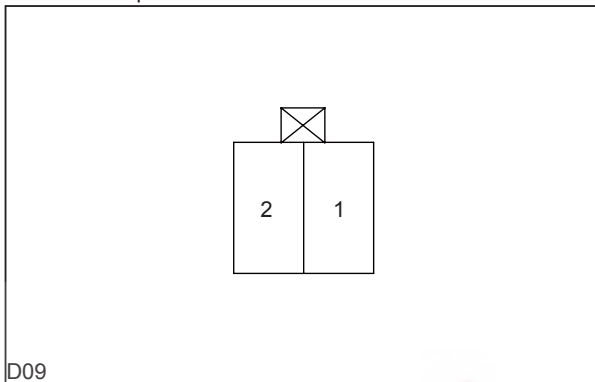
D08 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/O	RF locking motor unlock signal
2	0.50 Br/V	RF locking motor unlock signal

Harness Connector View

Door Harness Connector(D--)

RF Door Lamp Connector

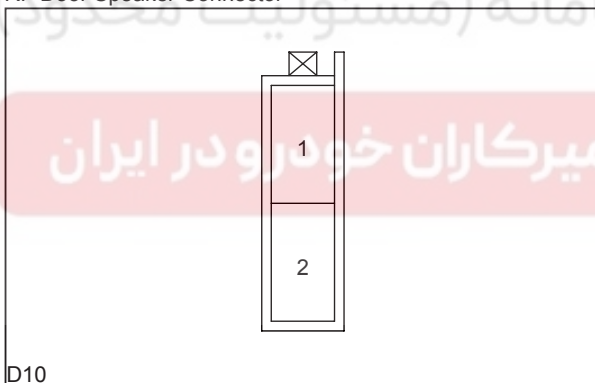


D09

D09 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/Y	RF door lamp control signal
2	0.50 R/G	Power

RF Door Speaker Connector



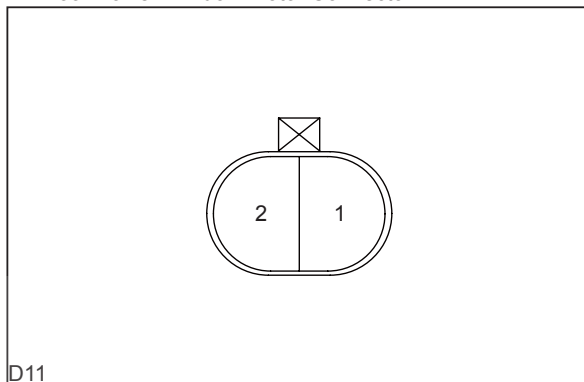
D10

D10 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	RF door speaker power+
2	0.50 V/Br	RF door speaker power-

Door Harness Connector(D--)

RF Door Power Window Motor Connector

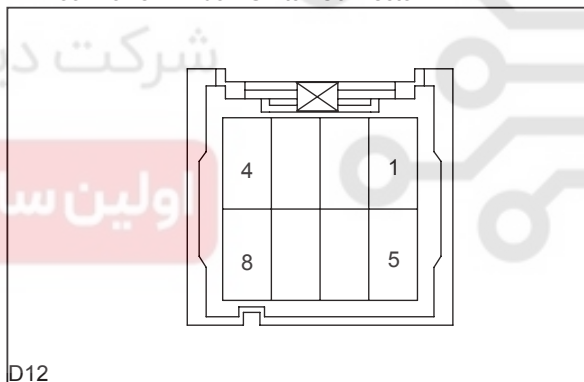


D11

D11 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Bl	Up signal
2	1.25 Y/G	Down signal

RF Door Power Window Switch Connector



D12

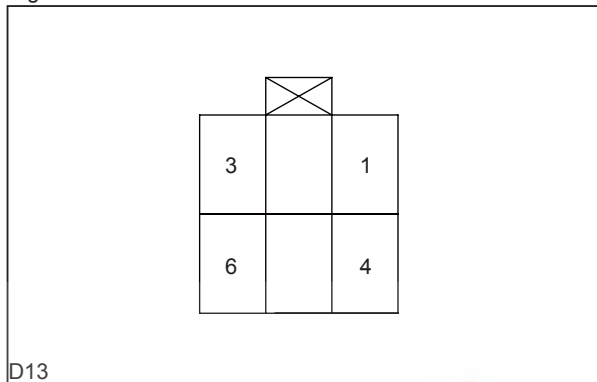
D12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/W	LF power window switch up signal
2		NC
3		NC
4		NC
5	0.50 Y/B	Safety switch signal
6	0.85 B	Ground
7	0.50 Y/V	LF power window switch down signal
8	0.50 Br/O	Interior lighting power

Harness Connector View

Door Harness Connector(D--)

Right Outside Power Rearview Mirror Connector

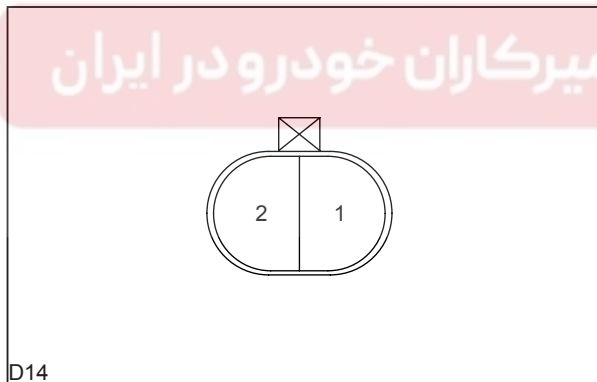


D13

D13 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/O	Right side turn lamp power
2	0.50 P	Heating power
3	0.50 Y/G	Right rearview mirror L/R adjustment power
4	0.85 B	Ground
5	0.50 Y/Br	Right rearview mirror adjustment control signal
6	0.50 Y/BI	Right rearview mirror L/R adjustment power

LR Door Power Window Motor Connector



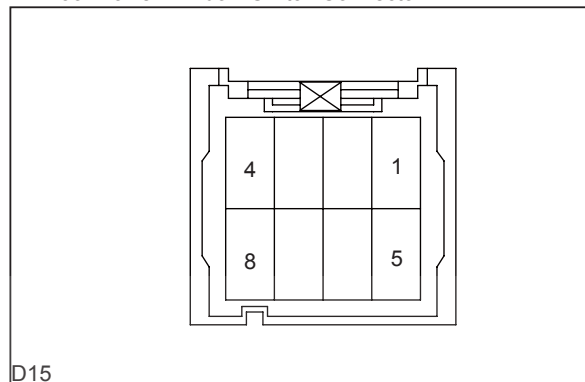
D14

D14 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Br	Up signal
2	1.25 Y/V	Down signal

Door Harness Connector(D--)

LR Door Power Window Switch Connector

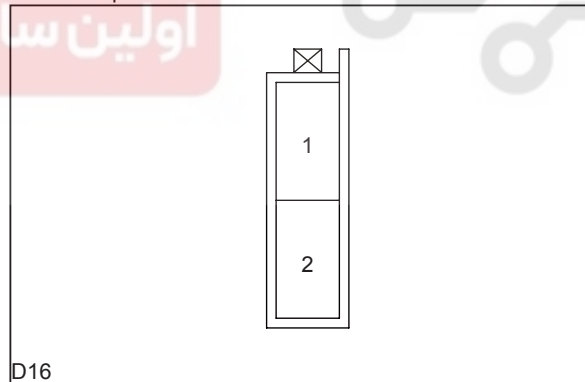


D15

D15 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Y/BI	LR power window switch up signal
2		NC
3		NC
4		NC
5	0.50 Y/B	Safety switch signal
6	0.85 B	Ground
7	0.50 Y/G	LR power window switch down signal
8	0.50 G/Y	Interior lighting power

LR Door Speaker Connector



D16

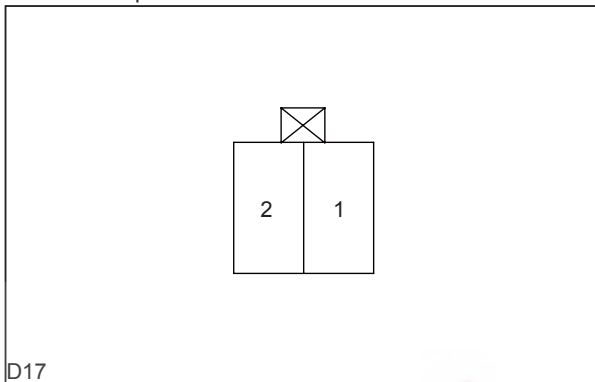
D16 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/BI	LR door speaker power-
2	0.50 V/G	LR door speaker power+

Harness Connector View

Door Harness Connector(D--)

LR Door Lamp Connector

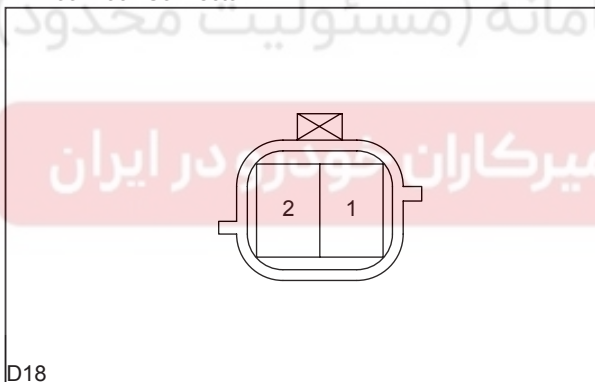


D17

D17 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/P	LR door lamp control signal
2	0.50 R/G	Power

LR Door Lock Connector



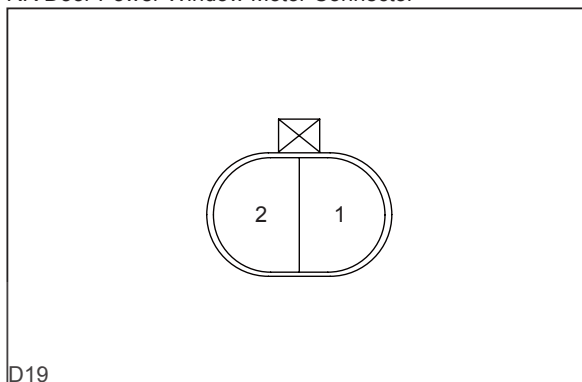
D18

D18 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/O	LR locking motor unlock signal
2	0.50 Br/V	LR locking motor lock signal

Door Harness Connector(D--)

RR Door Power Window Motor Connector

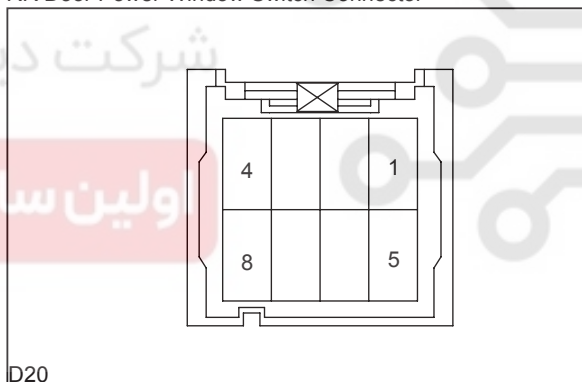


D19

D19 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/B	Up signal
2	1.25 Y/Gr	Down signal

RR Door Power Window Switch Connector



D20

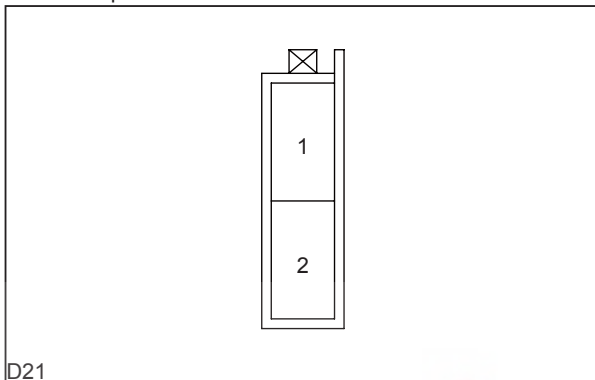
D20 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 Y/O	RR power window switch up signal
2		NC
3		NC
4		NC
5	0.50 Y/B	Safety switch signal
6	0.85 B	Ground
7	0.50 Y/Br	RR power window switch down signal
8	0.50 G/Y	Interior lighting power

Harness Connector View

Door Harness Connector(D--)

RR Door Speaker Connector

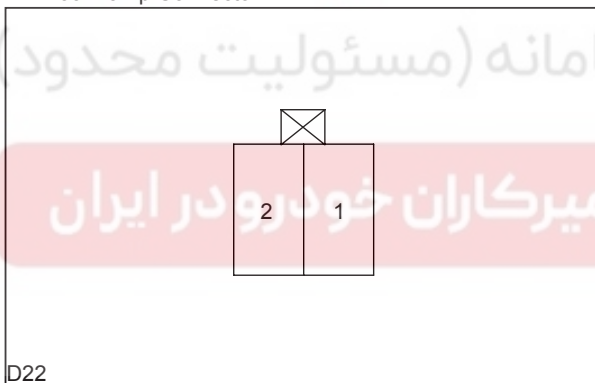


D21

D21 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/B	RR door speaker power-
2	0.50 V/W	RR door speaker power+

RR Door Lamp Connector



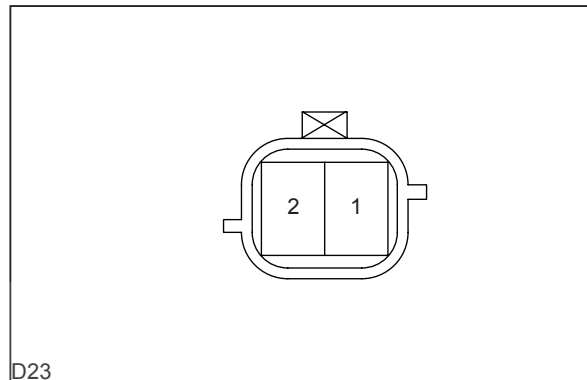
D22

D22 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/V	RR door lamp control signal
2	0.50 R/Y	Power

Door Harness Connector(D--)

RR Door Lock Connector



D23

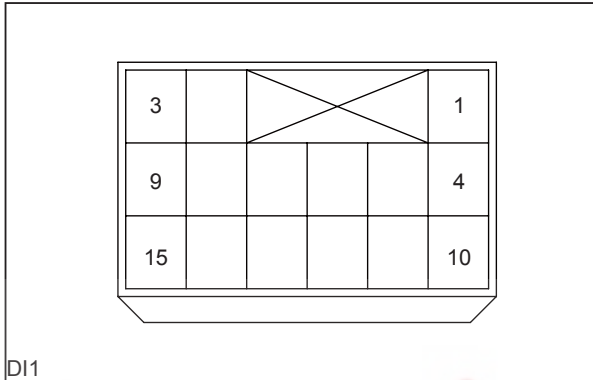
D23 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 Br/O	RR locking motor unlock signal
2	0.50 Br/V	RR locking motor lock signal

Harness Connector View

Door Harness Connector(D--)

LF Door Harness to IP Harness Connector



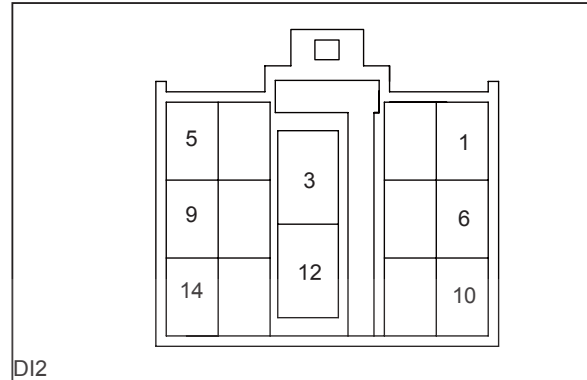
D11

D11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/R	Left side turn lamp power
2		NC
3		NC
4	0.50 Y/R	LF power window switchup signal
5	0.50 Y/G	Left rearview mirror L/R adjustment power
6	0.50 Y/P	LF power window switch down signal
7	0.50 R/G	Power
8	0.50 Y/Gr	Left rearview mirror adjustment control signal
9	0.85 Br/P	LF door locking unlock signal
10	0.50 Y/W	Left rearview mirror U/D adjustment power
11	0.50 P	Left rearview mirror heating power
12	0.50 V/P	LF door speaker power-
13	0.50 V/O	LF door speaker power+
14	0.85 B	Ground
15	0.50 B/W	LF door lamp control signal

Door Harness Connector(D--)

LF Door Harness to IP Harness Connector



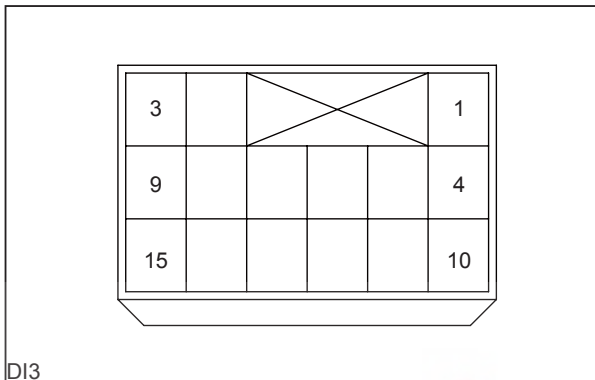
D12

D12 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 G/Y	Interior lighting power
2	0.50 Y/BI	LR power window switch up signal
3	1.25 Y/W	LF power window up signal
4	0.50 Y/B	Safety switch signal
5	0.50 Y/G	LR power window switch down signal
6	0.50 Y/O	LR power window switch down signal
7	0.50 Y/Br	RR power window switch down signal
8	0.50 Y/W	RF power window switch up signal
9	0.50 Y/V	RF power window switch down signal
10	0.85 Br/Gr	LF door locking lock signal
11	0.50 B/Gr	LF door locking status signal
12	1.25 Y/R	LF power window down signal
13	0.50 B/G	Other door locking unlock signal
14	0.50 B/BI	Other door locking lock signal

Harness Connector View

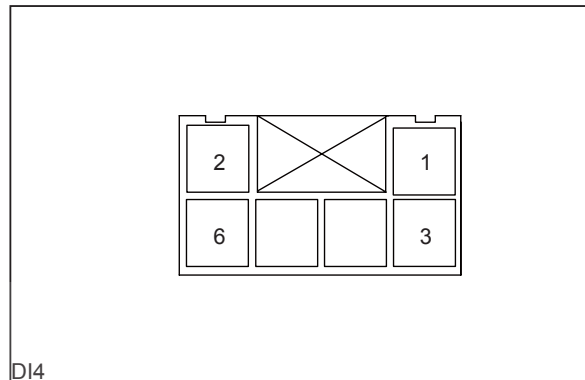
Door Harness Connector(D--)
RF Door Harness to IP Harness Connector



DI3 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Bl	RF power window up signal
2		NC
3	1.25 Y/G	RF power window down signal
4		NC
5	0.50 R/G	RF door lamp power
6	0.50 B/Y	RF door lamp control signal
7	0.50 Y/B	Safety switch signal
8	0.50 Y/Br	RF power window switch signal
9		NC
10	0.50 Br/O	Interior lighting power
11	0.50 Y/G	Right rearview mirror L/R adjustment power
12	0.50 Y/V	RF power window switch down signal
13	0.50 G/O	Right side turn lamp power
14	0.50 Y/W	RF power window switch up signal
15	0.50 Y/Bl	Right rearview mirror L/R adjustment power

Door Harness Connector(D--)
RF Door Harness to IP Harness Connector

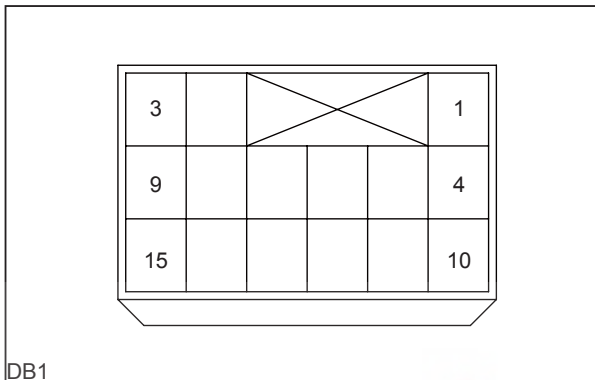


DI4 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.85 B	Ground
2	0.50 Br/O	RF locking motor unlock signal
3	0.50 Br/V	RF locking motor lock signal
4	0.50 V/Br	RF door speaker power-
5	0.50 P	Right rearview mirror heating power
6	0.50 V/W	RF door speaker power+

Harness Connector View

Door Harness Connector(D--)
LR Door Harness to IP Harness Connector

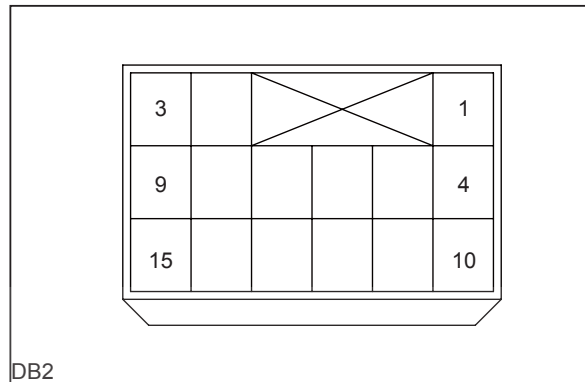


DB1

DB1 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/V	LR power window down signal
2		NC
3	1.25 Y/Br	LR power window up signal
4	0.50 B/P	LR door lamp control signal
5	0.50 Y/BI	LR power window switch up signal
6	0.50 Y/G	LR power window switch down signal
7	0.50 G/Y	Interior lighting power
8		NC
9	0.50 Y/B	Safety switch signal
10	0.50 V/BI	LR door speaker power-
11	0.85 B	Ground
12	0.50 Br/V	LR locking motor unlock signal
13	0.50 Br/O	LR locking motor lock signal
14	0.50 V/G	LR door speaker power+
15	0.50 R/G	LR door lamp power

Door Harness Connector(D--)
RR Door Harness to IP Harness Connector



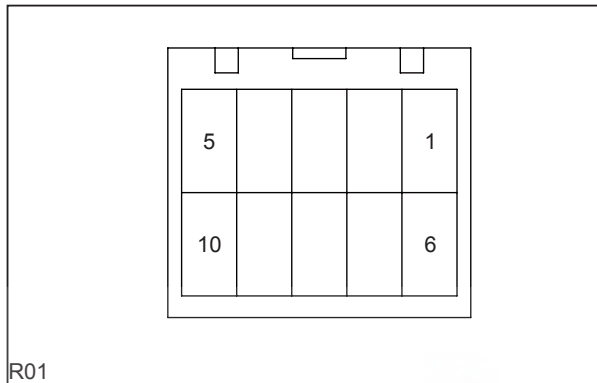
DB2

DB2 Pin Definition

Pin Number	Wire Width / Color	Function
1	1.25 Y/Gr	RR power window down signal
2		NC
3	1.25 Y/B	RR power window up signal
4	0.50 Y/O	RR power window switch up signal
5	0.50 G/Y	Interior lighting power
6	0.50 Y/B	Safety switch signal
7	0.50 R/G	RR door lamp power
8	0.50 V/W	RR door speaker power+
9	0.85 B	Ground
10	0.50 V/B	RR door speaker power-
11		NC
12	0.50 Y/Br	RR power window switch down signal
13	0.50 B/V	RR door lamp control signal
14	0.50 Br/V	RR locking motor lock signal
15	0.50 Br/O	RR locking motor unlock signal

Harness Connector View

Roof Harness Connector(R--)
Sunroof ECU Connector

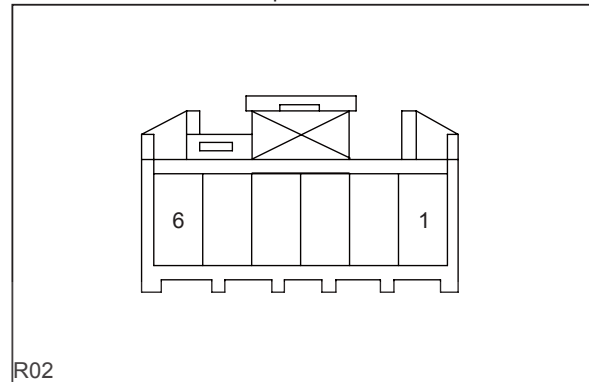


R01

R01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.85 B	Ground
3	0.50 BI	IG2 power
4		NC
5	0.50 W/BI	Front dome lamp control signal
6	0.85 R	Battery power
7		NC
8		NC
9	0.50 R	Sunroof control signal
10	0.50 Y	Front dome lamp control signal

Roof Harness Connector(R--)
Sunroof Switch/Dome Lamp Connector

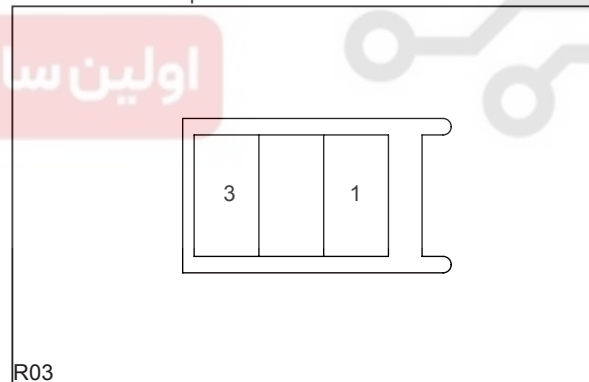


R02

R02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B	Ground
2	0.50 W/BI	Front dome lamp control signal
3	0.50 Y	Front dome lamp control signal
4	0.50 G/Gr	Front dome lamp control signal
5	0.50 B	Ground
6	0.50 R/G	Battery power

Middle Dome Lamp Connector



R03

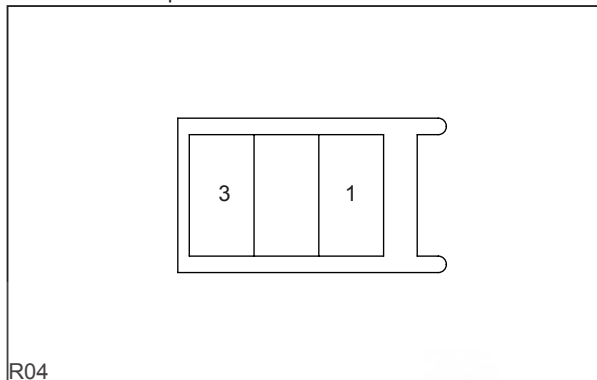
R03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/G	Battery power
2	0.50 G/Gr	Midle dome lamp control signal
3	0.50 B	Ground

Harness Connector View

Roof Harness Connector(R--)

Rear Dome Lamp Connector



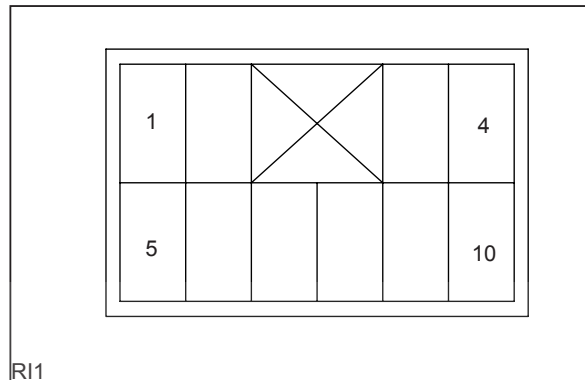
R04

R04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 R/G	Battery power
2	0.50 B/O	Tail gate ajar signal
3	0.50 B	Ground

Roof Harness Connector(R--)

Roof Harness to IP Harness Connector



R11

R11 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 B	Ground
3	0.50 B/O	Tail gate ajar signal
4	0.50 BI	IG2 power
5	0.50 R	Sunroof control signal
6	0.50 G/Gr	Dome lamp control signal
7		NC
8		NC
9	0.85 R	Battery power
10	0.50 R/G	Battery power

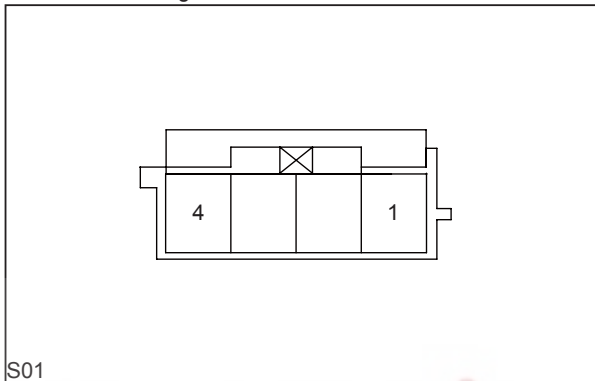
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness Connector View

SRS Harness Connector(S--)

Driver Side Air Bag Connector

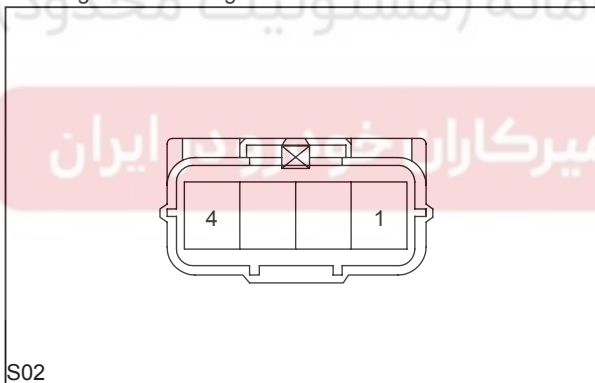


S01

S01 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V	Driver side air bag signal
2	0.50 Br	Driver side air bag signal
3		NC
4		NC

Passenger Side Air Bag Connector



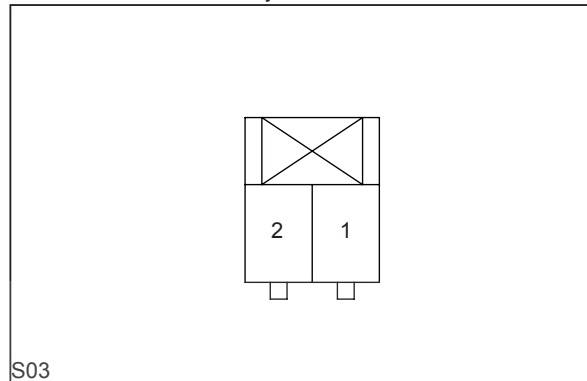
S02

S02 Pin Definition

Pin Number	Wire Width / Color	Function
1		NC
2	0.50 W	Passenger side air bag signal
3	0.50 P	Passenger side air bag signal
4		NC

SRS Harness Connector(S--)

Driver Side Pre-safe Safety Belt Connector

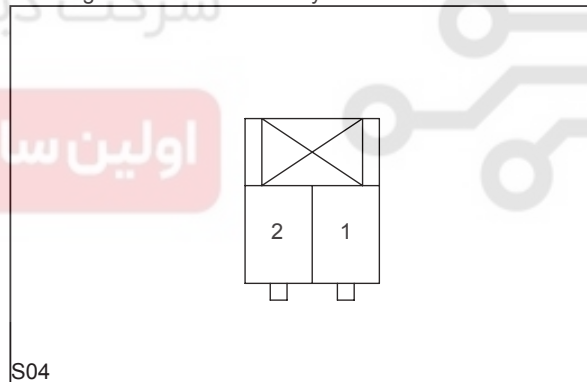


S03

S03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/Br	Driver side pre-safe safety belt signal
2	0.50 O/Bl	Driver side pre-safe safety belt signal

Passenger Pre-safe Side Safety Belt Connector



S04

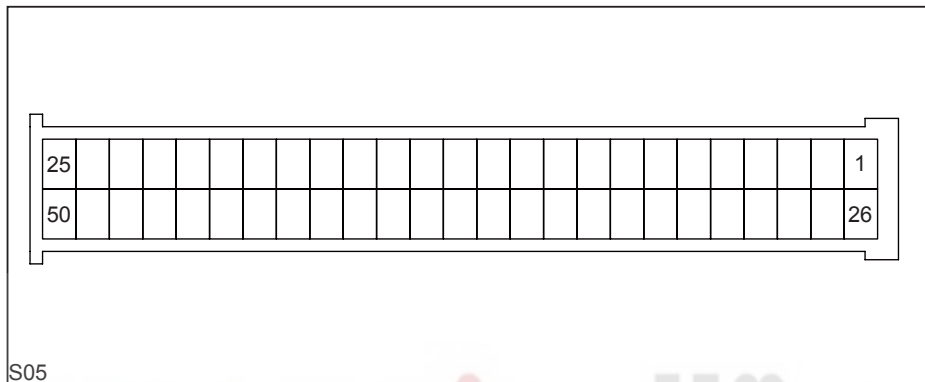
S04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/V	Passenger side pre-safe safety belt signal
2	0.50 O/Gr	Passenger side pre-safe safety belt signal

Harness Connector View

SRS Harness Connector(S--)

SRS ECU Connector



S05 Pin Definition

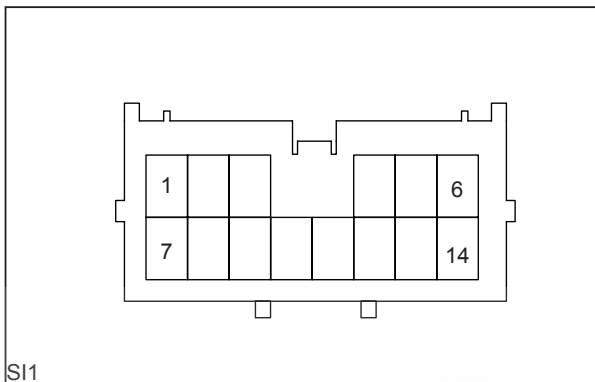
Pin Number	Wire Width / Color	Function
1		NC
2		NC
3		NC
4		NC
5	0.50 R	Power
6		NC
7	0.50 Y/B	Driver side seat belt ajar signal
8	0.50 O/B	Air bag fault indicator
9		NC
10		NC
11		NC
12		NC
13		NC
14		NC
15		NC
16		NC
17		NC
18		NC
19	0.50 O/Bl	Driver side pre-safe safety belt signal
20		NC
21		NC
22		NC
23		NC
24		NC
25		NC
26	0.50 V	Driver side air bag signal
27	0.50 Br	Driver side air bag signal
28	0.50 W	Passenger side air bag signal
29	0.50 P	Passenger side air bag signal

SRS Harness Connector(S--)

Pin Number	Wire Width / Color	Function
30	0.50 B	Ground
31	0.50 O	SRS fault diagnose signal
32	0.50 Y/W	Passenger side seat belt ajar signal
33	0.50 O/W	Colision signal
34		NC
35		NC
36		NC
37		NC
38		NC
39		NC
40		NC
41	0.50 O/V	Passenger side pre-safe safety belt signal
42	0.50 O/Gr	Passenger side pre-safe safety belt signal
43		NC
44	0.50 O/Br	Driver side pre-safe safety belt signal
45		NC
46		NC
47		NC
48		NC
49		NC
50		NC

Harness Connector View

SRS Harness Connector(S--)
SRS Harness to IP Harness Connector



S11 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 O/W	Colision signal
2	0.50 B	Ground
3	0.50 Y/B	Driver side seat belt ajar signal
4		NC
5	0.50 R	IG1 power
6	0.50 O/B	SRS fault indicator
7	0.50 O	SRS fault diagnose signal
8		NC
9		NC
10		NC
11		NC
12	0.50 Y/W	Passenger side seat belt ajar signal
13		NC
14		NC

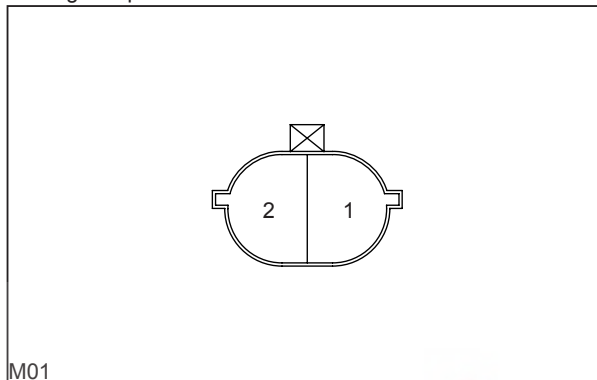
SRS Harness Connector(S--)



Harness Connector View

Rear Bumper Harness Connector(M--)

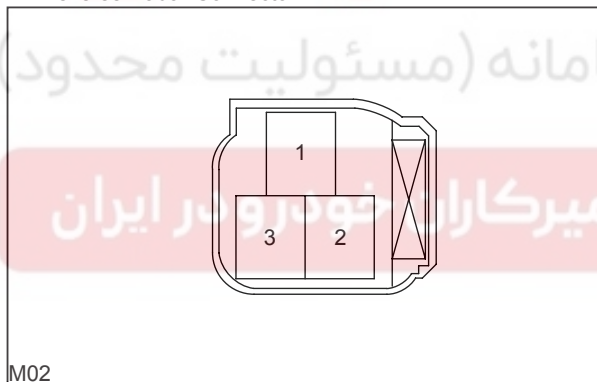
LR Fog Lamp Connector



M01 Pin Definition

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

LR Reverse Radar Connector

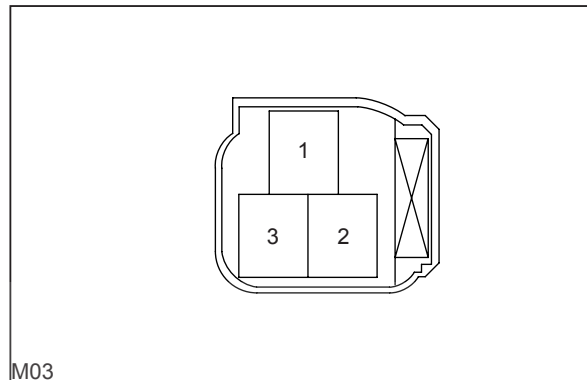


M02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/BI	Reverse radar signal
2	0.50 V/B	Reverse radar signal
3	0.50 V/G	Reverse radar signal

Rear Bumper Harness Connector(M--)

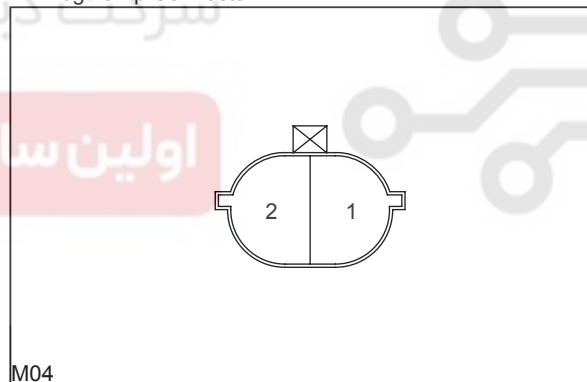
RR Reverse Radar Connector



M03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 V/W	Reverse radar signal
2	0.50 V/B	Reverse radar signal
3	0.50 V/G	Reverse radar signal

RR Fog Lamp Connector



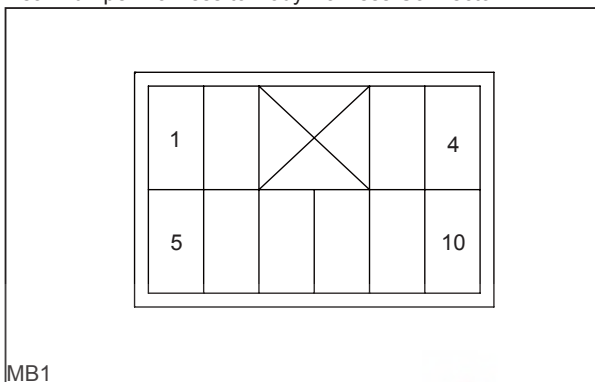
M04 Pin Definition

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

Harness Connector View

Rear Bumper Harness Connector(M--)

Rear Bumper Harness to Body Harness Connector



MB1

MB1 Pin Definition

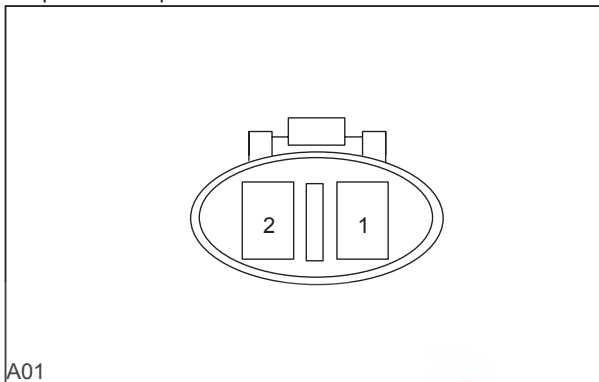
Pin Number	Wire Width / Color	Function
1	0.50 V/B	Reverse radar signal
2		NC
3		NC
4		NC
5	0.50 V/BI	Reverse radar signal
6	0.50 B	Ground
7	0.50 V/W	Reverse radar signal
8	0.50 G/Br	Rear fog lamp power
9	0.50 V/G	Reverse radar signal
10		NC

Rear Bumper Harness Connector(M--)



Harness Connector View

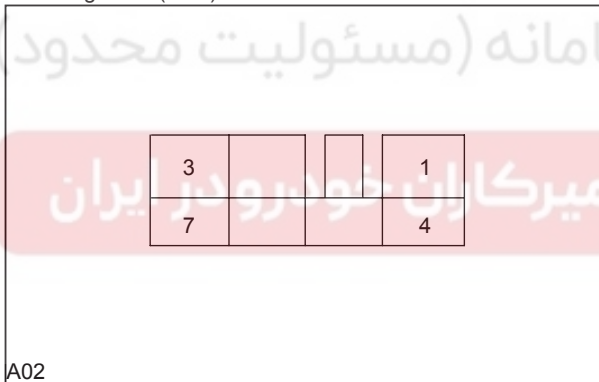
Air Conditioning Harness Connector(A--)
Evaporator Temperature Sensor Connector



A01 Pin Definition

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

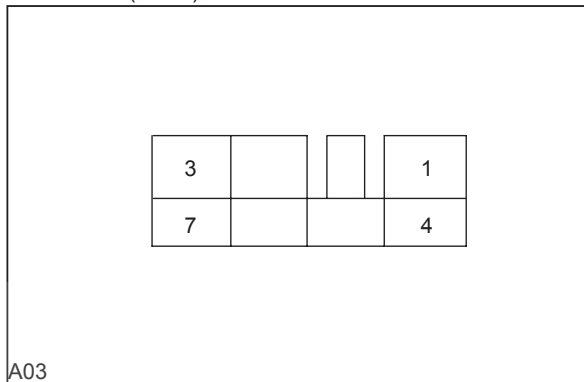
Air Fixing Motor(Blue) Connector



A02 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	Ground
2	0.50 BI/W	Air fixing motor signal-
3		NC
4	0.50 BI/Y	Air fixing motor power+
5	0.50 R/Y	Air fixing motor signal+
6	0.50 Br/R	Air fixing motor power-
7		NC

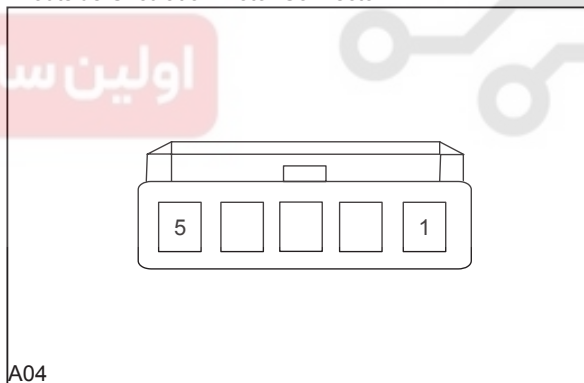
Air Conditioning Harness Connector(A--)
Model Motor(White) Connector



A03 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 B/W	Ground
2	0.50 BI/W	Model motor signal-
3		NC
4	0.50 R/B	Model motor power+
5	0.50 R/G	Model motor signal+
6	0.50 Gr/R	Model motor power-
7		NC

In-outside Circulation Motor Connector



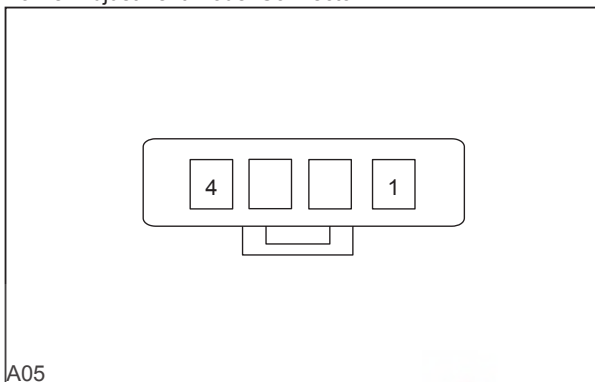
A04 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 W/R	Power
2		NC
3		NC
4	0.50 W/B	In-outside circulation motor power+
5	0.50 Gr/BI	In-outside circulation motor power-

Harness Connector View

Air Conditioning Harness Connector(A--)

Bolwer Adjustment Model Connector



A05 Pin Definition

Pin Number	Wire Width / Color	Function
1	2.00 B	Ground
2	0.50 Y/R	Bolwer adjustment model signal-
3	0.50 Gr/B	Bolwer adjustment model signal+
4	2.00 B	Signal

Blower Connector

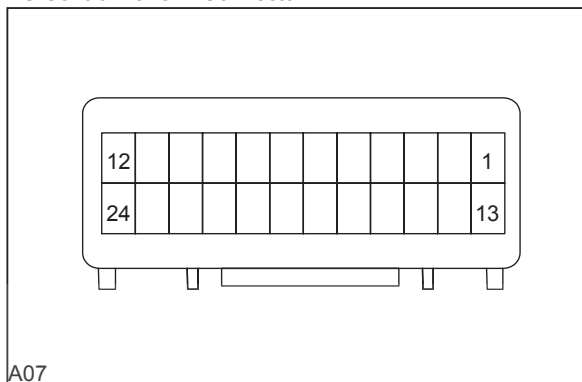


A06 Pin Definition

Pin Number	Wire Width / Color	Function
1	3.00 B	Control signal
2	3.00 R	Power

Air Conditioning Harness Connector(A--)

AC Control Panel-1 Connector



A07 Pin Definition

Pin Number	Wire Width / Color	Function
1	0.50 BI/Y	Air fixing motor power+
2	0.50 Br/R	Air fixing motor power-
3	0.50 Br/W	K16 relay control signal
4	0.50 R/Y	Air fixing motor signal+
5	0.50 R/G	Model motor signal+
6	0.50 Br	Evaporator temperature sensor signal
7		NC
8		NC
9		NC
10		NC
11	0.50 G/Y	Ground
12	0.50 BI/B	Ground
13	0.50 W/R	IG2 power
14	0.50 W/B	In-outside circulation motor power+
15	0.50 Gr	A/C signal
16	0.50 B/W	Ground
17	0.50 BI/W	signal-
18	0.50 R/B	Model motor power+
19	0.50 Gr/R	Model motor power-
20	0.50 Gr/Y	Interior lighting power
21	0.50 Gr/BI	In-outside circulation motor power-
22	0.50 Gr/B	Bolwer adjustment model signal+
23	0.50 Y/R	Bolwer adjustment model signal-
24		NC