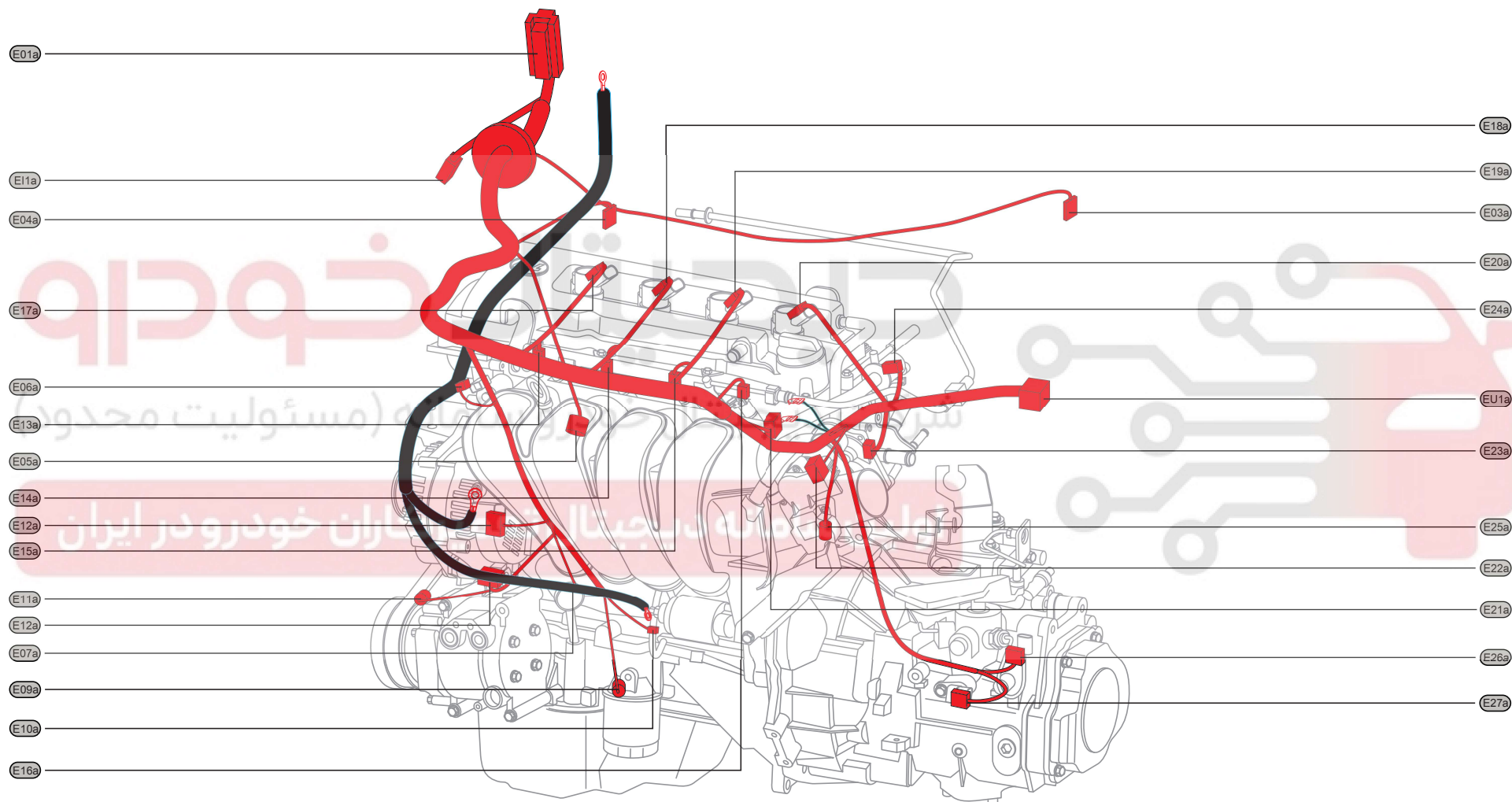
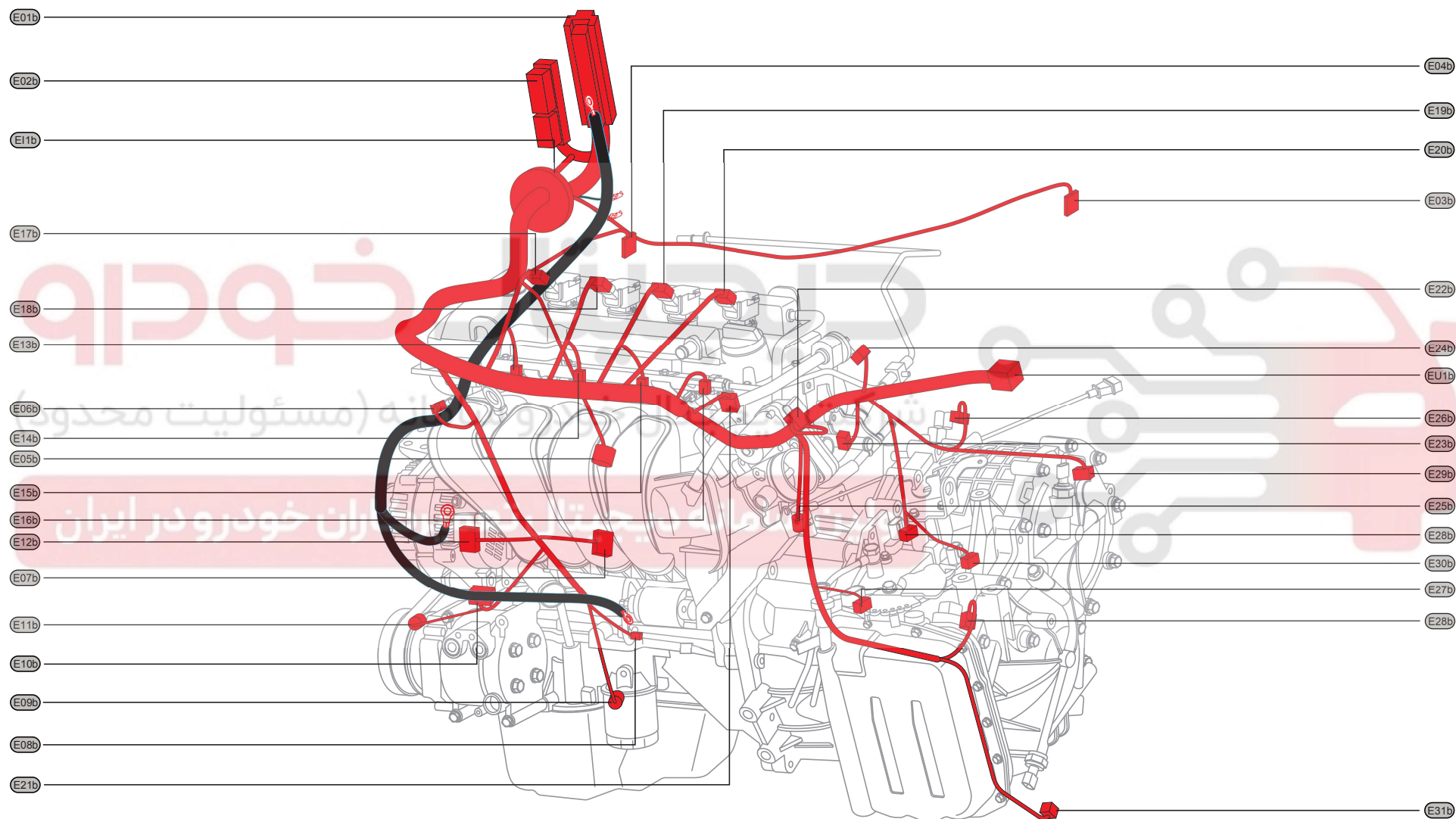


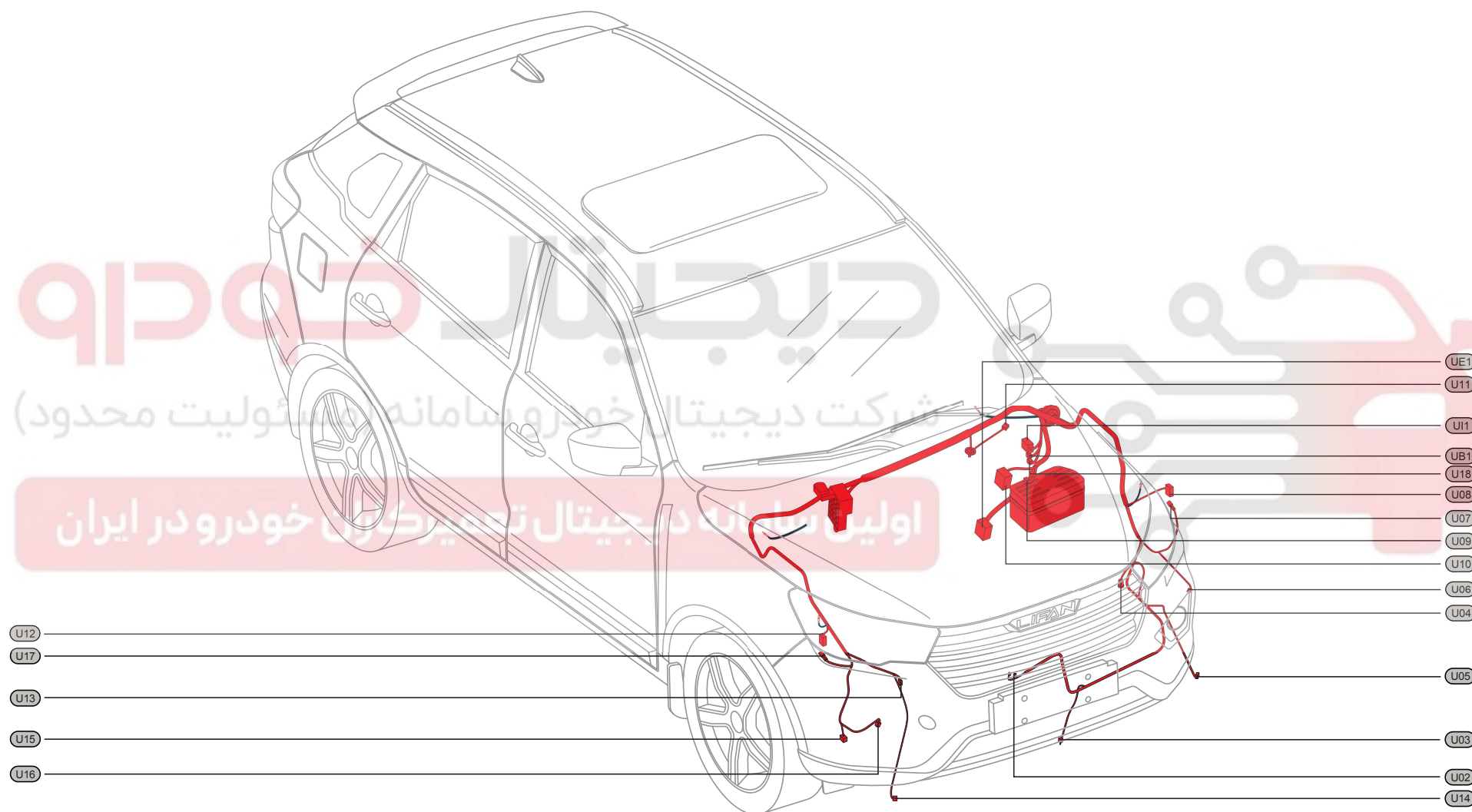
7 Harness Connector Location View 7.1A Engine harness-2.0MT (Delphi)



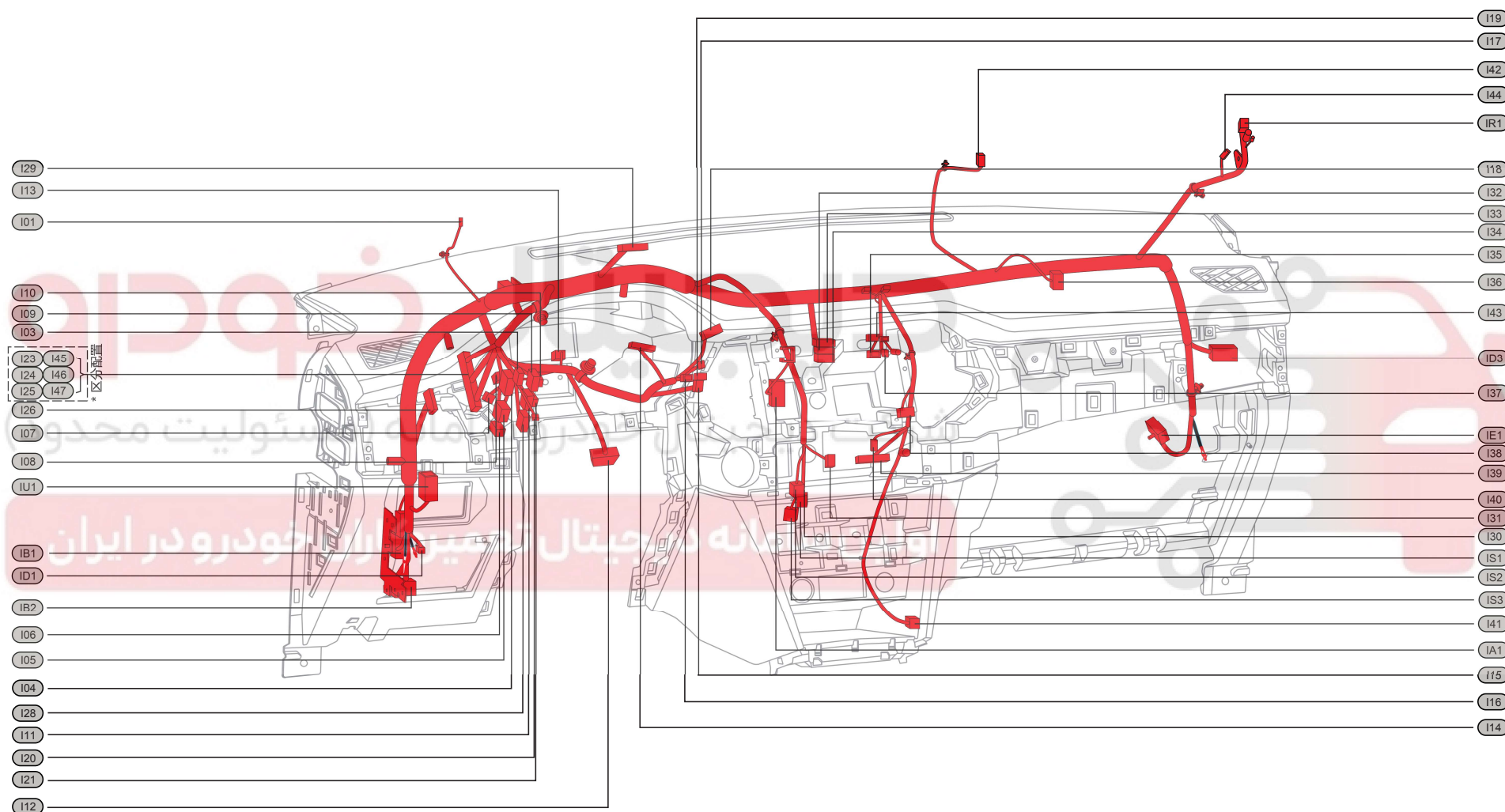
7.1B Engine harness-2.0CVT (UAES)



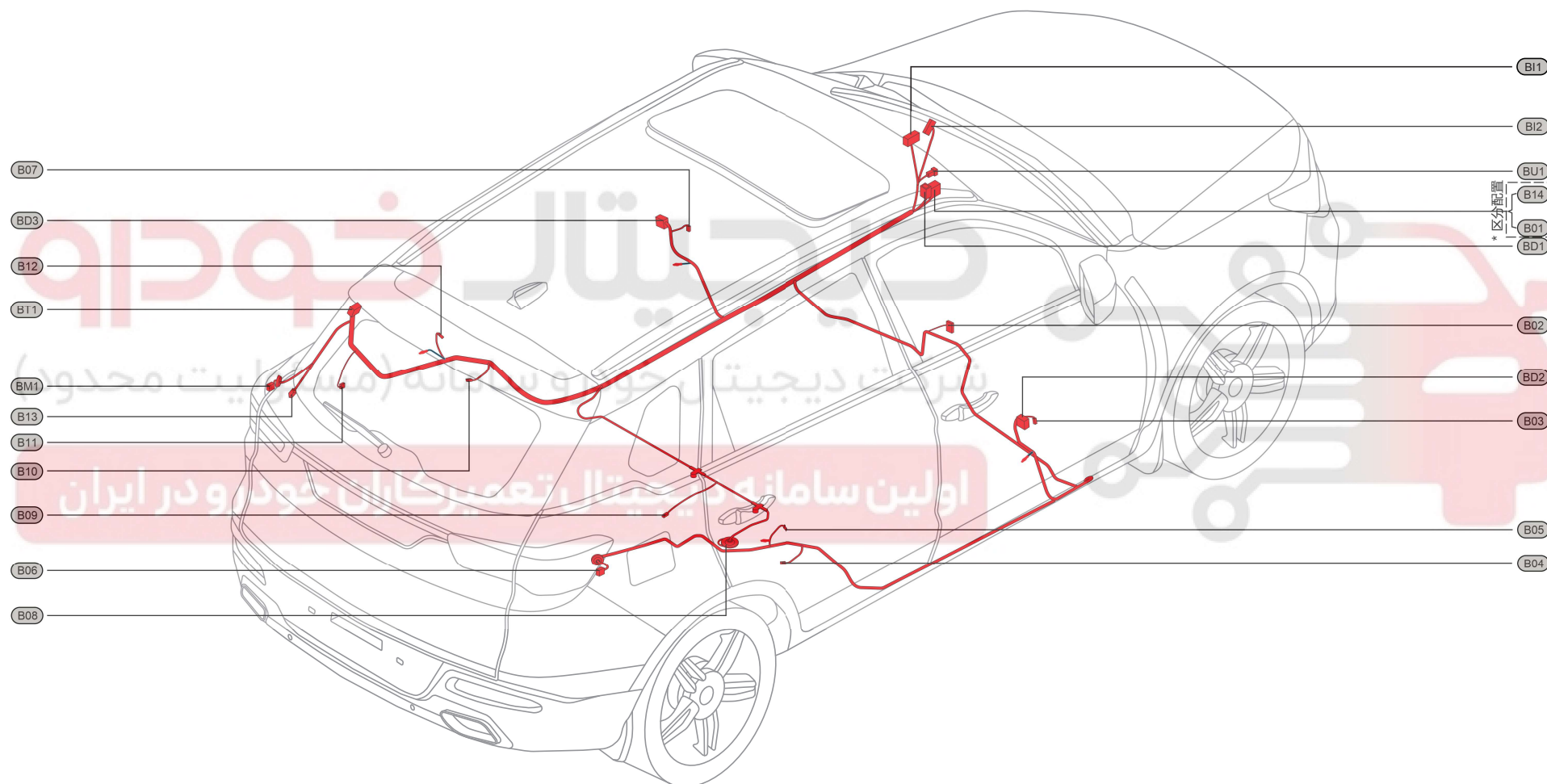
7.2 Engine compartment harness



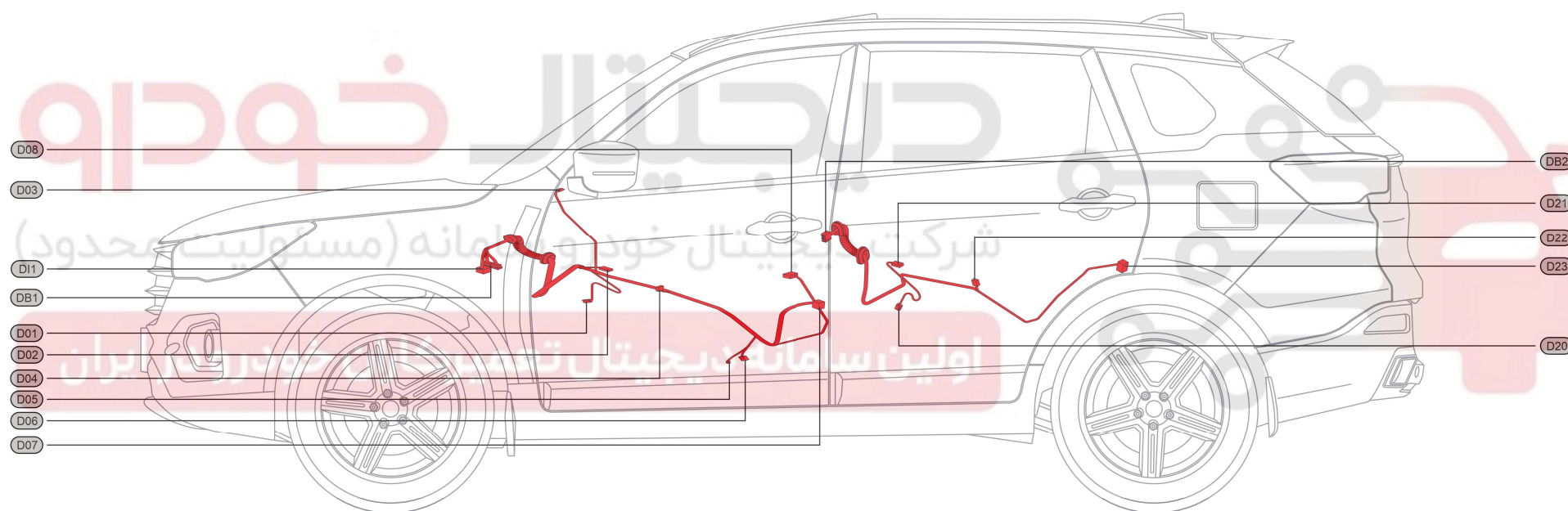
7.3 Instrument harness



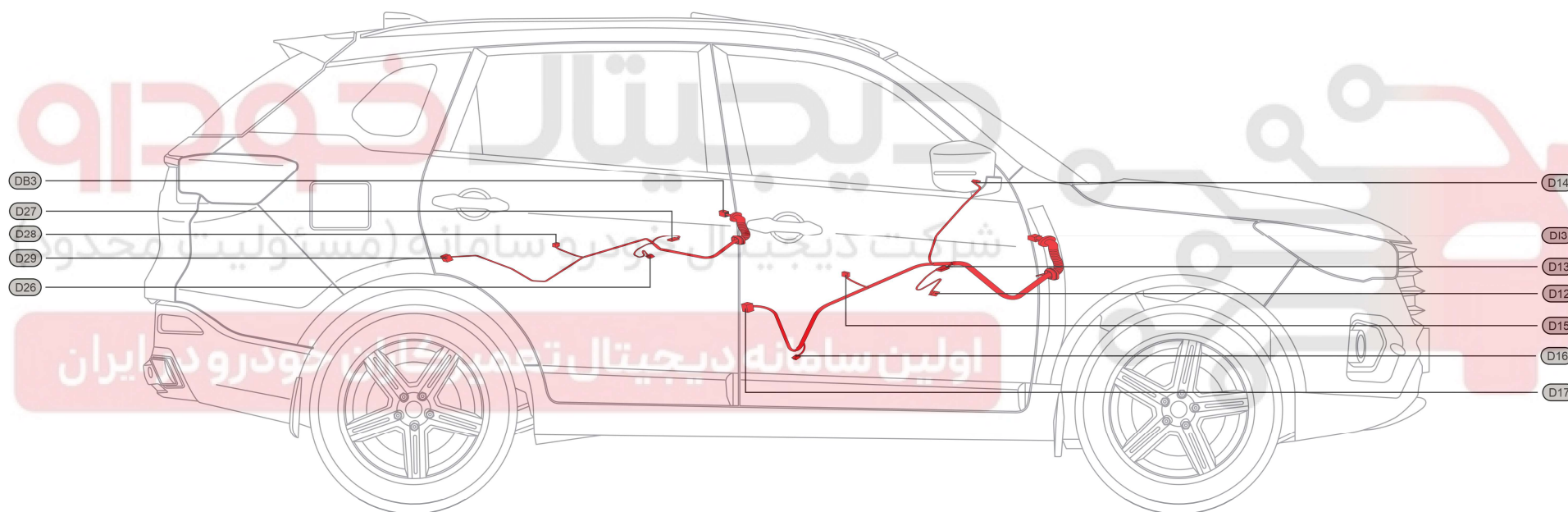
7.4 Body harness



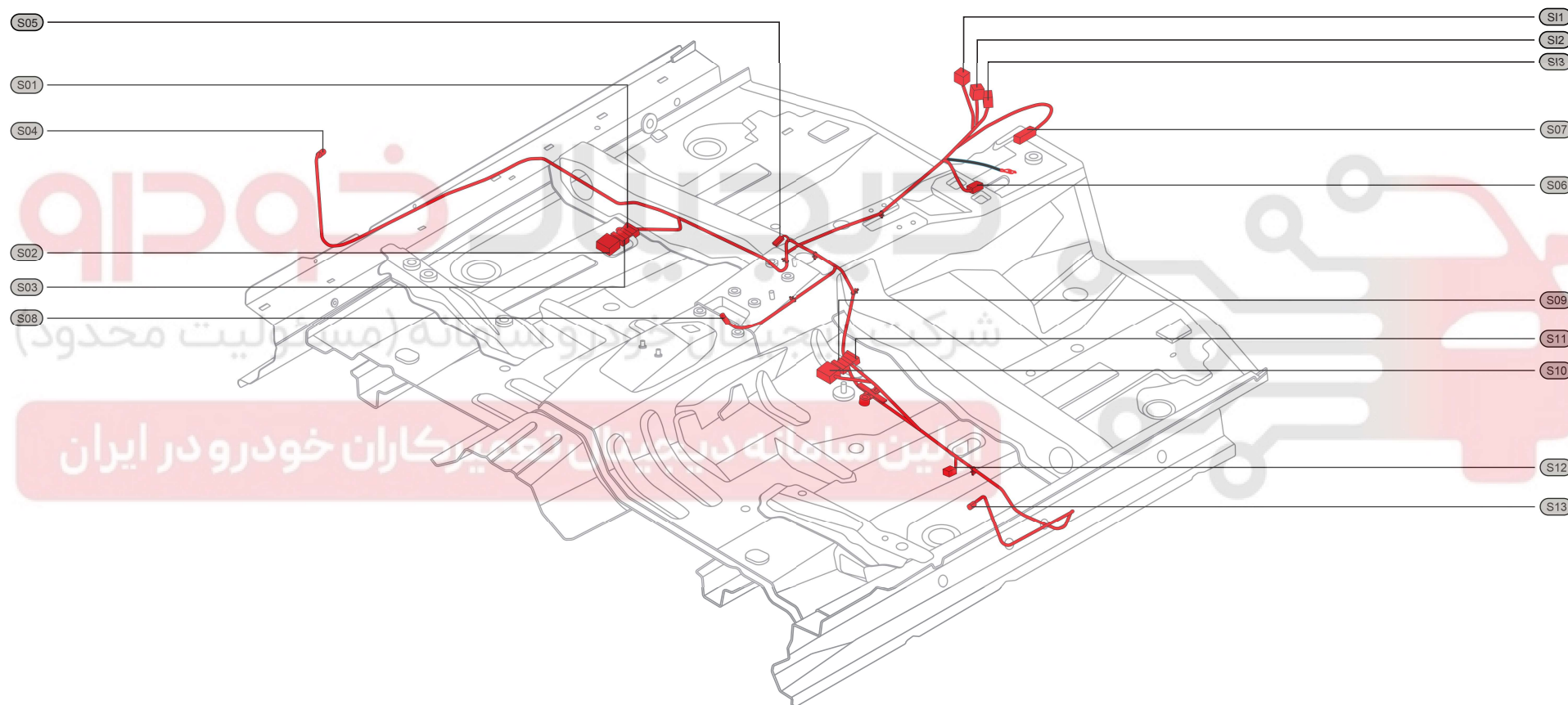
7.5 LF door/LR door harness



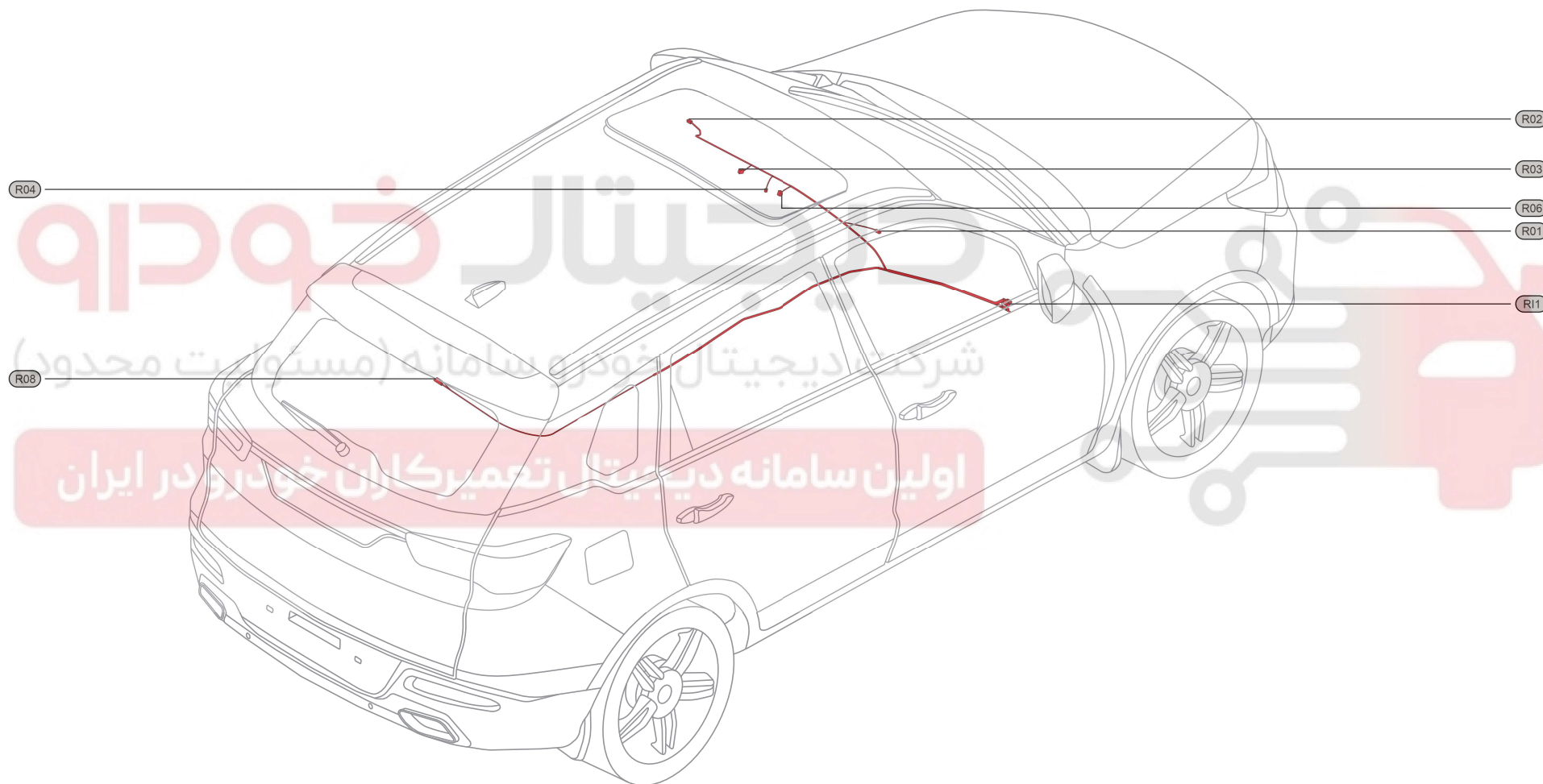
7.6 RF door/RR door harness



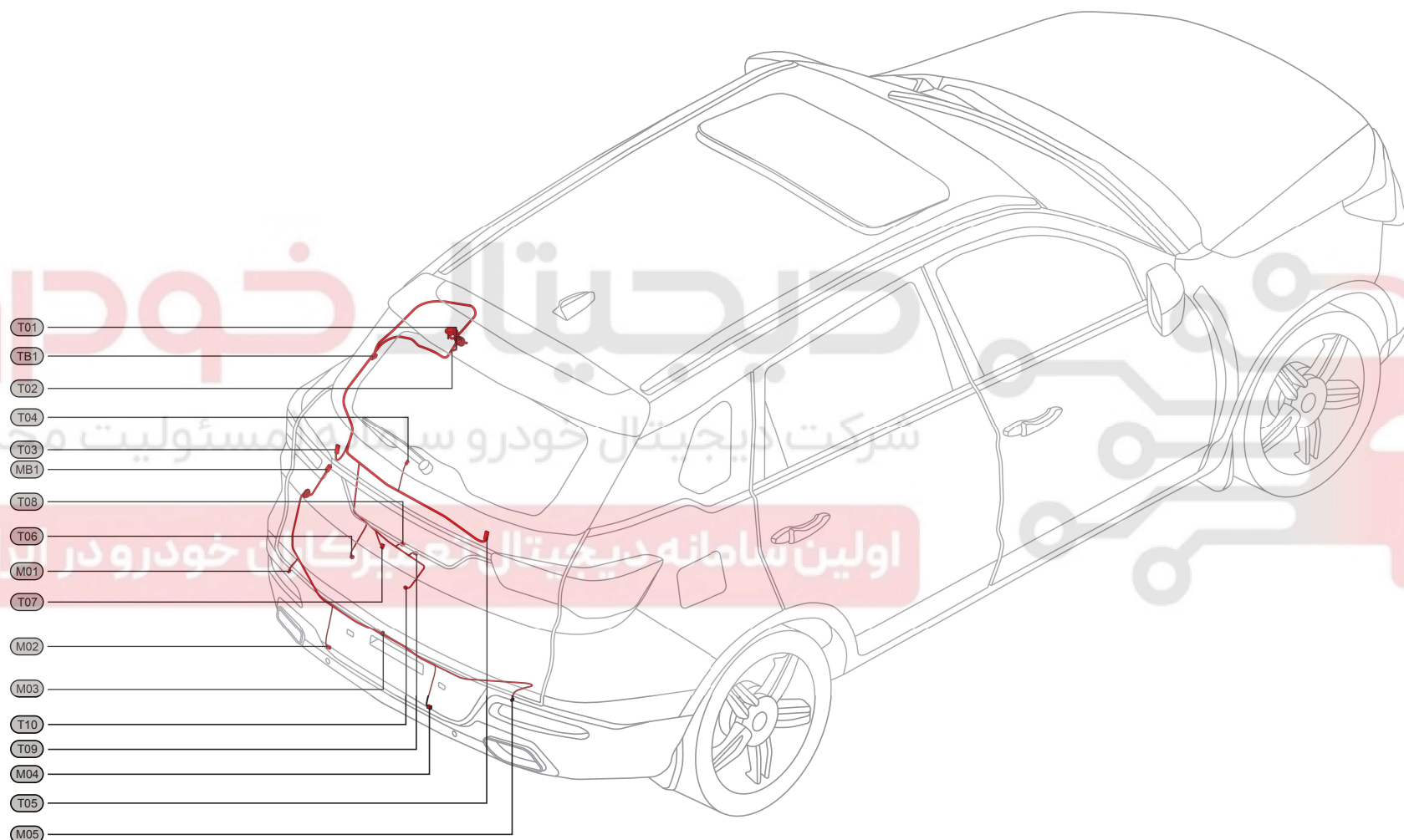
7.7 Airbag harness



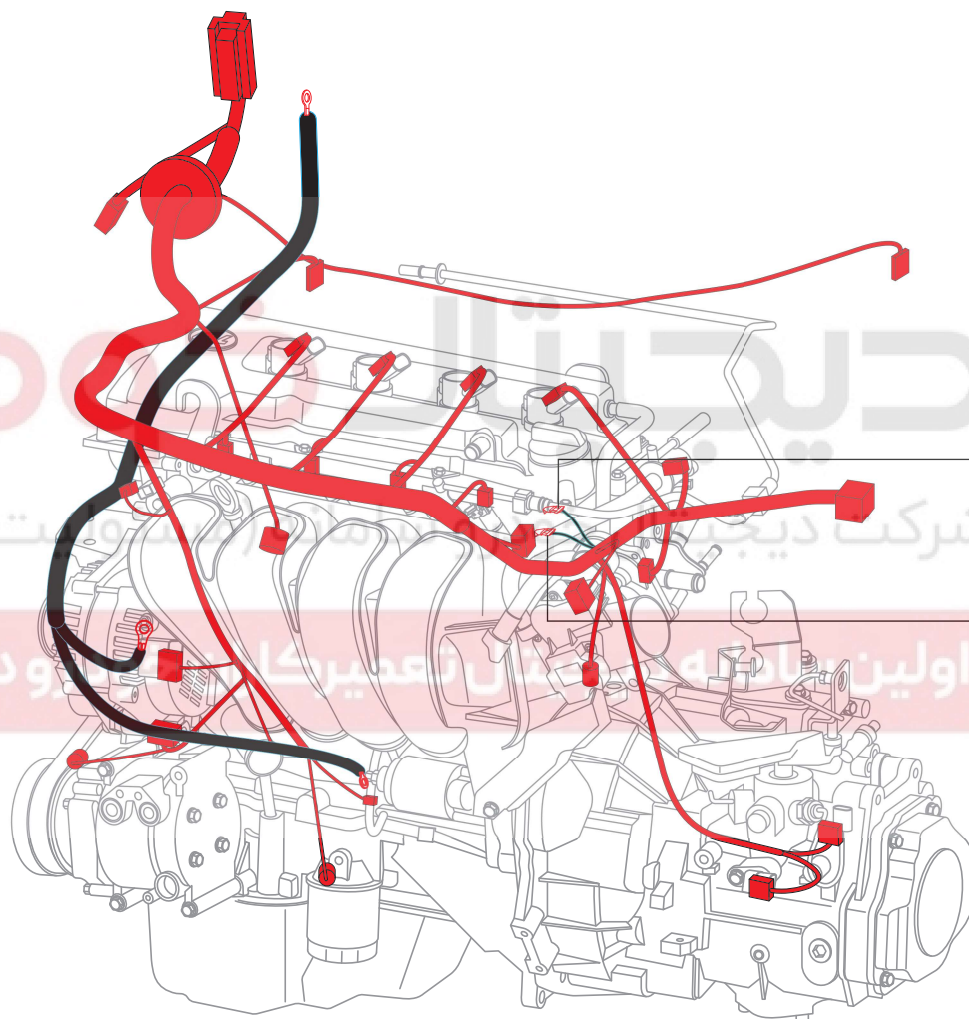
7.8 Headlining harness



7.9 Tail door/rear bumper harness



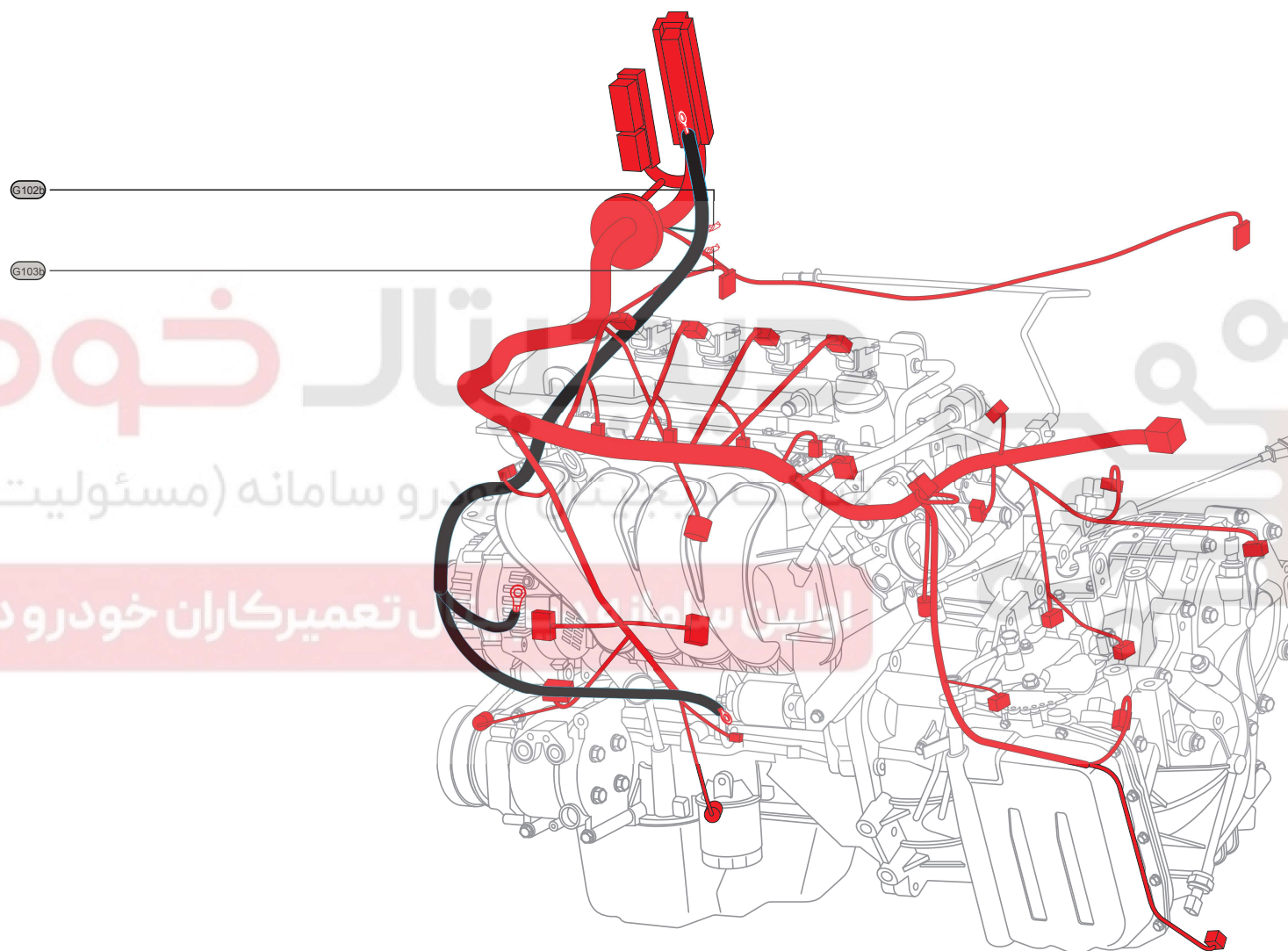
8 Ground Point Location View
8.1A G102a-G103a



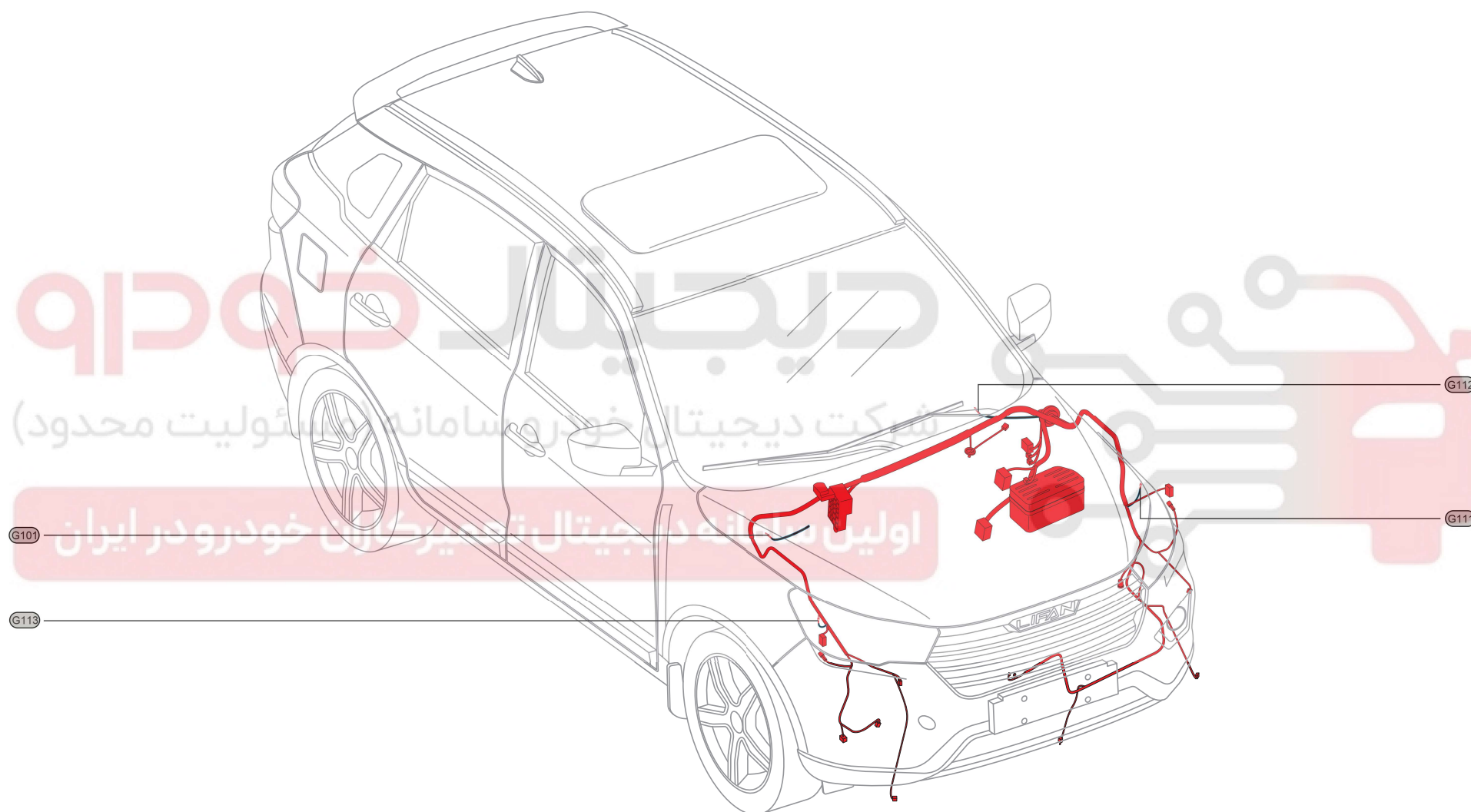
G102a

G103a

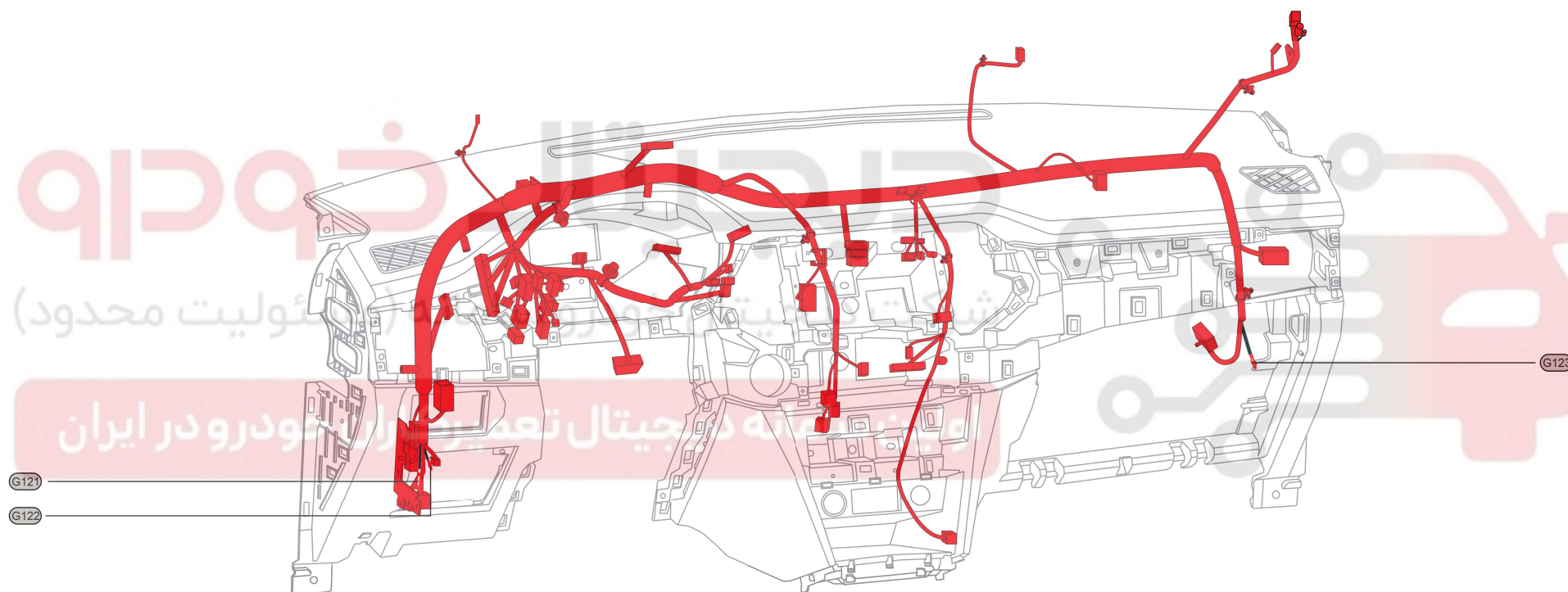
8.1B G102b-G103b



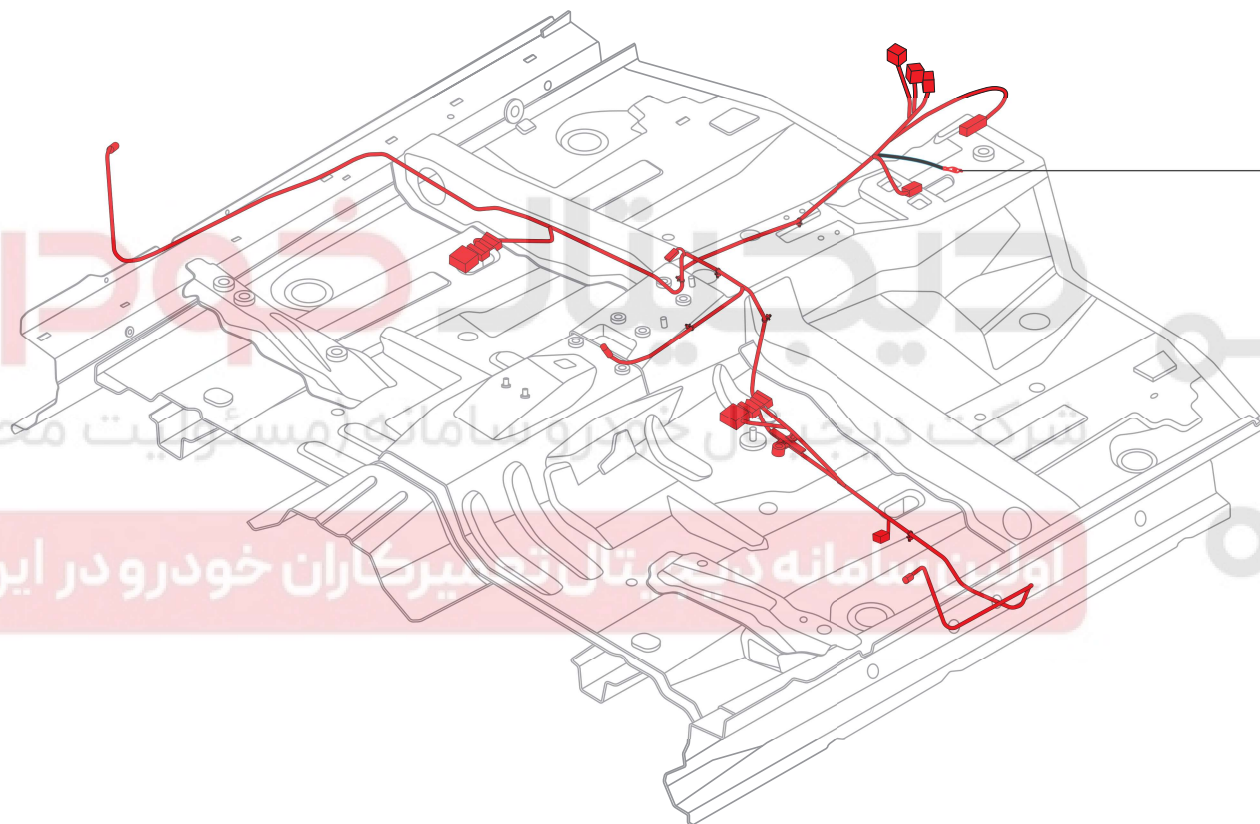
8.2 G101-G111-G112-G113103a



8.3 G121-G122-G123



8.4 G124

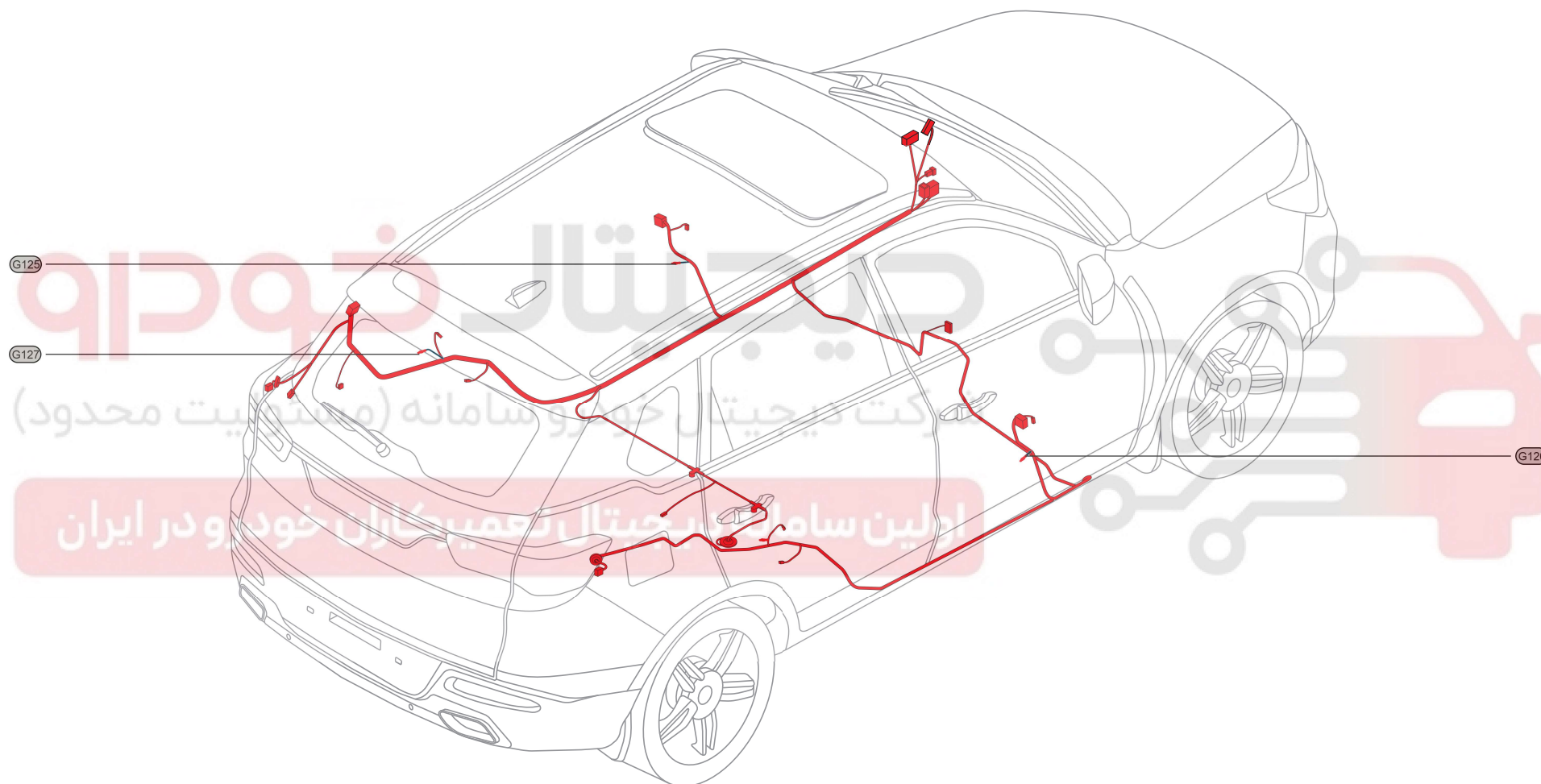


G124

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیتا لگ و مانیتورینگ خودرو در ایران

8.5 G125-G126-G127

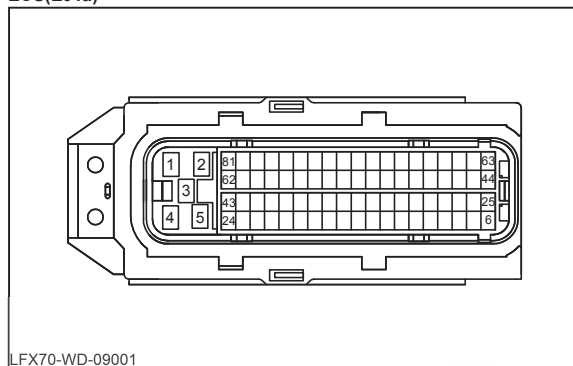




9 Harness Connector View

9.1A Engine Harness-2.0MT (Delphi)

ECU(E01a)



E01a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 V/B	Cylinder 3 ignition signal
2	2.00 B	Ground
3	2.00 B	Ground
4	0.75 P/Bl	Cylinder 1 ignition signal
5	0.75 Bl/R	Power supply, main relay
6	0.75 O/B	Cylinder 1 injection signal
7	0.75 P/Y	Cylinder 3 injection signal
8	0.75 Y/R	Cylinder 2 injection signal
9	0.50 B/O	Control signal, fuel pump relay
10	0.50 P/G	Control signal, compressor
11	0.50 P	Crankshaft position sensor signal low
12	-	
13	-	
14	-	
15	-	
16	-	
17	0.50 O/Bl	Control signal, high speed fan
18	-	
19	-	
20	0.75 Br	Electric throttle valve motor supply +
21	0.75 Y	Electric throttle valve motor supply -
22	-	
23	0.75 G	Rear oxygen sensor heater signal
24	0.75 V/W	Front oxygen sensor heater signal
25	0.75 G/Y	Cylinder 4 injection signal
26	0.50 R/Bl	Cruise switch signal
27	0.50 Gr/G	Electric throttle valve signal
28	-	
29	-	
30	0.50 V	Crankshaft position sensor signal high
31	-	
32	-	
33	0.50 Bl/R	NC signal, brake switch
34	0.50 W/R	TDC signal, clutch
35	0.50 G/Br	Reverse signal
36	0.50 P/B	Knock sensor signal high
37	0.50 B	Knock sensor signal low
38	0.50 Bl/W	PCAN-L
39	0.50 Bl/B	PCAN-H
40	0.50 V/R	Signal, A/C switch

Pin No.	Wire diameter/color	Function
41	0.50 R/Y	Signal 1
42	0.50 Gr	Signal 2
43	0.50 Y/W	Intake VVT signal
44	0.50 Y	Control signal, main relay
45	-	
46	-	
47	0.50 O/Y	Front oxygen sensor signal high
48	0.50 Gr	Rear oxygen sensor high
49	0.50 Y/B	Coolant temperature sensor signal
50	-	
51	-	
52	0.50 Bl/W	Electric throttle valve signal
53	-	
54	0.50 P	Intake air temperature & pressure sensor signal
55	-	
56	0.50 V/O	Neutral signal
57	0.50 V/W	BDC signal, clutch
58	-	
59	-	
60	0.50 Bl/G	Signal, power-assisted steering switch
61	-	
62	0.75 P/W	Cylinder 4 ignition signal
63	-	
64	0.75 W/G	Canister solenoid valve signal
65	0.50 Bl/Y	Control signal, low speed fan
66	0.50 R/W	Sensor 5V power supply
67	0.50 R	Power supply, battery
68	0.50 B/W	IG power supply
69	0.50 W/Bl	NO signal, brake switch
70	0.50 R/B	Sensor 5V power supply
71	0.50 Bl	Intake air temperature & pressure sensor signal
72	-	
73	0.50 V/B	Rear oxygen sensor signal low
74	0.50 W	Sensor signal ground
75	-	
76	0.50 W/B	Cruise switch signal
77	0.50 G/W	Intake camshaft position sensor signal
78	-	
79	0.50 R/G	Feedback signal, A/C switch
80	-	
81	0.75 G	Cylinder 2 ignition signal

Accelerator pedal position sensor (E03a)



LFX70-WD-09002

E03a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Gr	Signal 2
2	0.50 W/B	Signal ground
3	0.50 R/Y	Signal 1
4	0.50 W	Signal ground
5	0.50 R/B	5V power supply
6	0.50 R/W	5V power supply

Power steering switch (E05a)

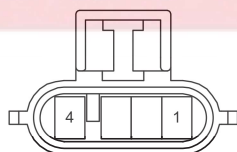


LFX70-WD-09004

E05a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/G	Signal

Front oxygen sensor (E04a)



LFX70-WD-09003

E04a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.75 V/W	Heating signal
3	0.50 O/Y	Common signal low
4	0.50 V/B	Signal high

Intake VVT valve (E06a)

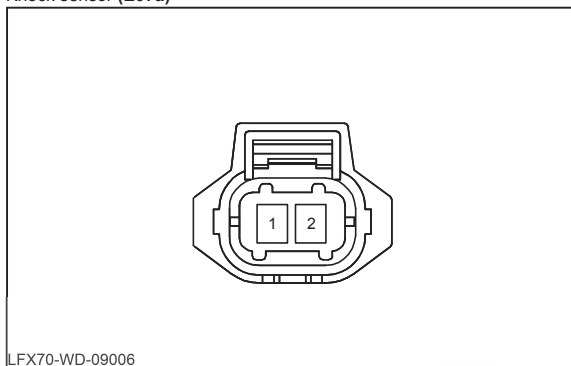


LFX70-WD-09005

E06a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 BI/R	Power supply
2	0.50 Y/W	Signal

Knock sensor (E07a)

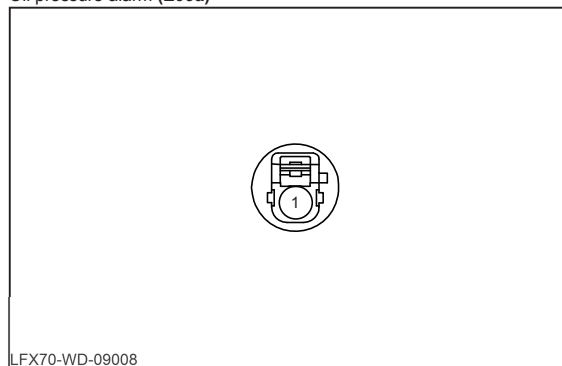


LFX70-WD-09006

E07a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P/B	Signal high
2	0.50 B	Signal low

Oil pressure alarm (E09a)



LFX70-WD-09008

E09a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Y/B	Signal

Starter (E08a)



LFX70-WD-09007

E08a Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 B/Y	Power supply

Intake air temperature & pressure sensor (E10a)

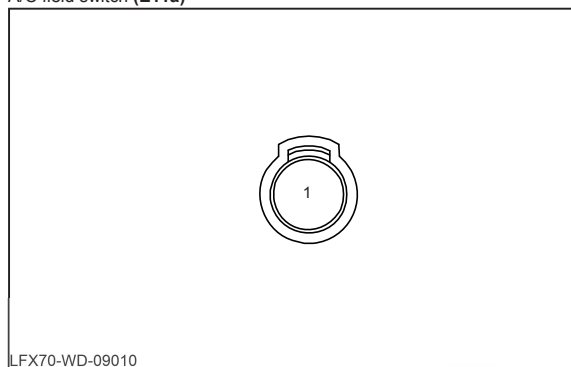


LFX70-WD-09009

E10a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI	Signal
2	0.50 P	Signal
3	0.50 W/B	Signal ground
4	0.50 R/W	5V power supply

A/C field switch (E11a)

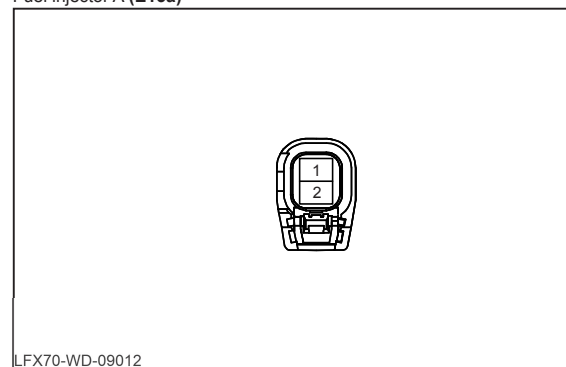


LFX70-WD-09010

E11a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/W	Power supply

Fuel injector A (E13a)



LFX70-WD-09012

E13a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 B/R	Power supply
2	0.75 O/B	Fuel injection signal

Generator regulator (E12a)



LFX70-WD-09011

E12a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R	Power supply, battery
2	0.85 B/W	IG power supply
3	0.85 V	Charge indicator signal

Fuel injector B (E14a)

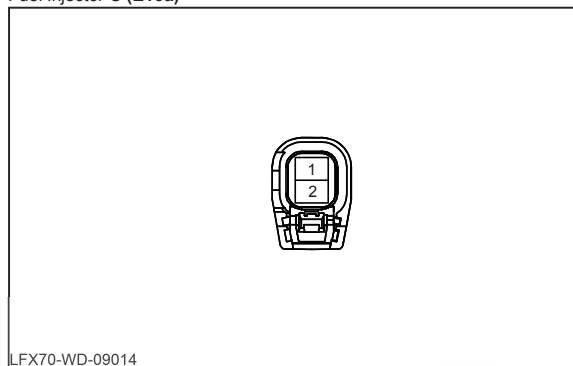


LFX70-WD-09013

E14a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 B/R	Power supply
2	0.75 Y/R	Fuel injection signal

Fuel injector C (E15a)

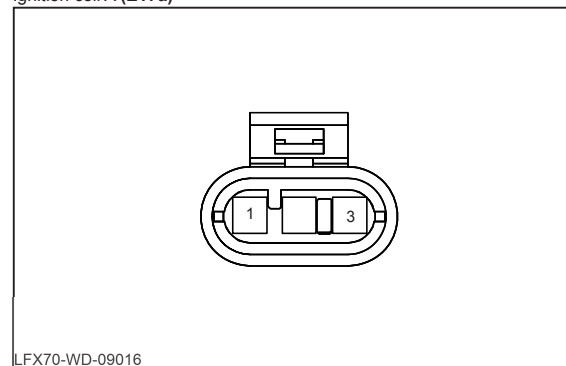


LFX70-WD-09014

E15a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 BI/R	Power supply
2	0.75 P/Y	Fuel injection signal

Ignition coil A (E17a)



LFX70-WD-09016

E17a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 BI/R	Power supply
2	0.85 B	Ground
3	0.75 P/BI	Ignition signal

Fuel injector D (E16a)

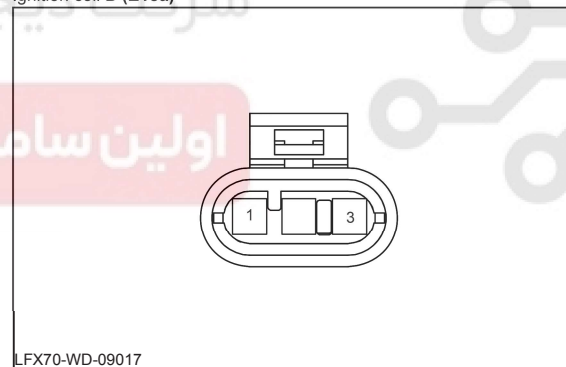


LFX70-WD-09015

E16a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 BI/R	Power supply
2	0.75 G/Y	Fuel injection signal

Ignition coil B (E18a)

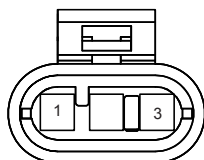


LFX70-WD-09017

E18a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 BI/R	Power supply
2	0.85 B	Ground
3	0.75 G	Ignition signal

Ignition coil C (E19a)

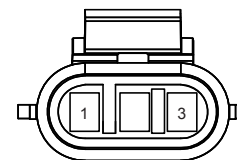


LFX70-WD-09018

E19a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Bl/R	Power supply
2	0.85 B	Ground
3	0.75 V/B	Ignition signal

Intake camshaft sensor (E21a)

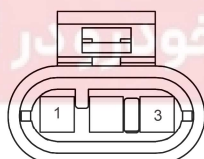


LFX70-WD-09020

E21a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 G/W	Signal
2	0.50 W	Signal ground
3	0.50 R/B	5V power supply

Ignition coil D (E20a)

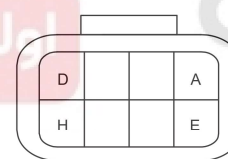


LFX70-WD-09019

E20a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Bl/R	Power supply
2	0.85 B	Ground
3	0.75 P/W	Ignition signal

Electric throttle valve (E22a)

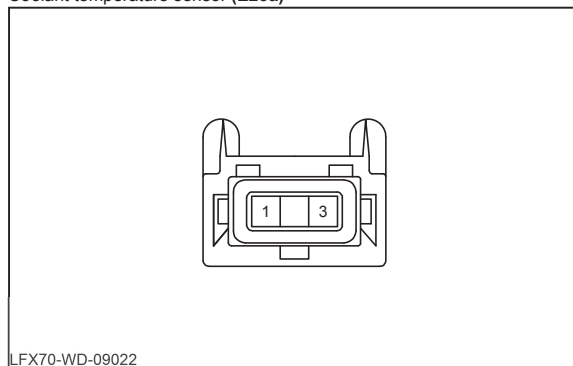


LFX70-WD-09021

E22a Terminal Definition

Pin No.	Wire diameter/color	Function
A	0.50 W	Signal ground
B	0.50 Bl/W	Signal 2
C	0.50 Gr/G	Signal 1
D	0.50 R/B	5V power supply
E	0.75 Y	Power supply -, motor
F	-	
G	-	
H	0.75 Br	Power supply +, motor

Coolant temperature sensor (E23a)

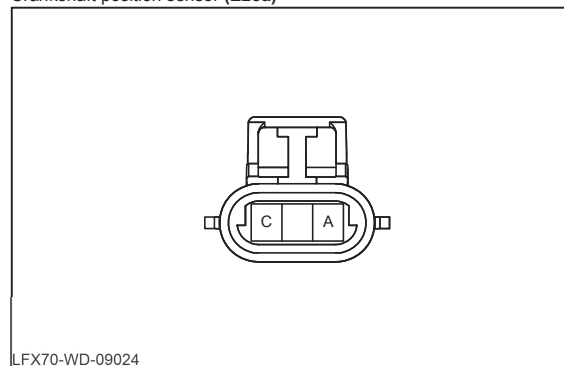


LFX70-WD-09022

E23a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/B	Signal
2	-	
3	0.50 W	Signal ground

Crankshaft position sensor (E25a)



LFX70-WD-09024

E25a Terminal Definition

Pin No.	Wire diameter/color	Function
A	0.50 V	Signal high
B	0.50 P	Signal low
C	0.50 B	Ground

Canister control valve (E24a)

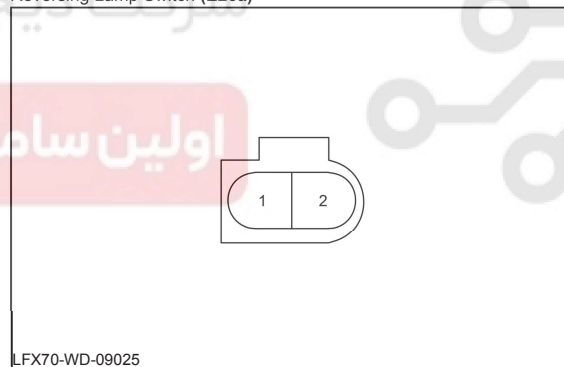


LFX70-WD-09023

E24a Terminal Definition

Pin No.	Wire diameter/color	Function
A	0.75 W/G	Signal
B	0.85 Bl/R	Power supply

Reversing Lamp Switch (E26a)

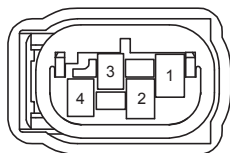


LFX70-WD-09025

E26a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl/R	Power supply
2	0.50 G/Br	Signal

Gear switch (E27a)



LFX70-WD-09026

E27a Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P/G	Power input
2	0.50 V/O	Signal
3	-	
4	0.85 B	Ground

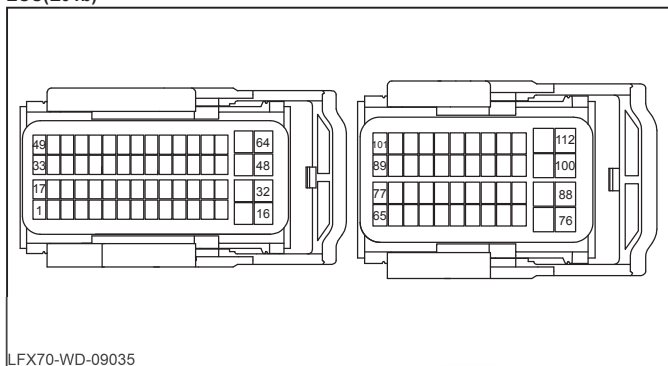
شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



9.1B Engine harness-2.0CVT (UAES)

ECU(E01b)



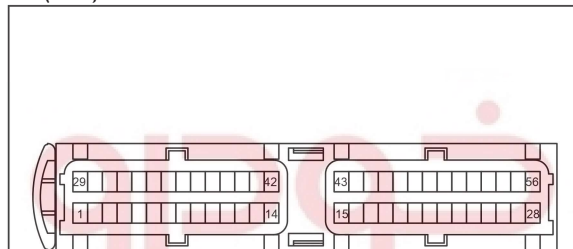
E01b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/W	PCAN-H
2	-	
3	-	
4	-	
5	0.50 Y	Control signal, main relay
6	-	
7	0.50 BI/W	Accelerator pedal position sensor signal ground 1
8	-	
9	0.50 O/G	Cruise switch signal
10	-	
11	-	
12	-	
13	-	
14	-	
15	1.50 BI/R	Power supply, main relay
16	1.50 BI/R	Power supply, main relay
17	0.50 B/W	PCAN-L
18	-	
19	-	
20	0.50 R	Power supply, battery
21	0.50 P	Rear oxygen sensor signal high
22	-	
23	0.50 Gr/W	NO signal, brake switch
24	0.50 G	Signal, A/C switch
25	0.50 Gr/R	NC signal, brake switch
26	-	
27	-	
28	0.50 Gr/V	Feedback signal, A/C switch
29	0.50 BI/G	Power-assisted steering switch
30	0.50 G/R	Accelerator pedal position sensor signal 2
31	0.85 V/W	Control signal, high speed fan
32	-	
33	-	
34	-	
35	0.50 B/W	IG power supply
36	0.50 R/W	Accelerator pedal position sensor 5V power supply
37	0.50 O/BI	Accelerator pedal position sensor 5V power supply
38	-	
39	-	
40	-	

Pin No.	Wire diameter/color	Function
41	0.50 Gr/Y	Control signal, fuel pump relay
42	-	
43	0.50 V/B	Rear oxygen sensor signal low
44	-	
45	0.50 R/Y	Accelerator pedal position sensor signal 1
46	-	
47	0.75 B/W	Cruise switch signal ground
48	0.75 G/O	Rear oxygen sensor heater signal
49	-	
50	-	
51	-	
52	-	
53	-	
54	-	
55	-	
56	0.50 Gr/O	Control signal, low speed fan
57	-	
58	0.50 B/O	Control signal, compressor
59	0.50 W/B	Accelerator pedal position sensor signal 1
60	-	
61	-	
62	-	
63	1.50 B	Ground
64	1.50 B	Ground
65	-	
66	-	
67	0.50 Y/R	Cylinder 2 injection signal
68	0.50 O/B	Cylinder 1 injection signal
69	-	
70	-	
71	0.50 Y/W	Intake VVT valve signal
72	0.50 P/Y	Cylinder 3 injection signal
73	0.50 V/W	
74	0.50 G/Y	Cylinder 4 injection signal
75	0.75 P	Electric throttle valve motor supply +
76	1.50 Br	Cylinder 4 ignition signal
77	0.50 W/P	Electric throttle valve signal 1
78	0.50 BI/G	Electric throttle valve signal 2
79	-	
80	0.50 V/B	Front oxygen sensor signal low
81	-	
82	-	
83	-	
84	-	
85	0.50 G/R	Sensor signal ground
86	0.50 V	
87	0.75 R/G	Electric throttle valve motor supply -
88	1.50 P/G	Cylinder 2 ignition signal
89	0.50 BI/O	Knock sensor signal high
90	0.50 BI/B	Knock sensor signal low
91	0.50 P/B	Intake air temperature & pressure sensor signal
92	-	
93	0.50 R/BI	Intake camshaft position sensor signal
94	0.50 W/G	Canister solenoid valve signal
95	0.50 G/W	Intake camshaft position sensor signal ground
96	0.50 BI	Crankshaft position sensor signal high
97	0.50 G	Crankshaft position sensor signal low
98	0.50 Y/G	Intake camshaft position sensor signal 5V power supply
99	1.50 G/W	Cylinder 3 ignition signal
100	1.50 G/R	Cylinder 1 ignition signal
101	0.50 Y/B	Coolant temperature sensor signal

Pin No.	Wire diameter/color	Function
102	0.50 BI	Intake air temperature & pressure sensor signal
103	-	
104	0.50 O/Y	Front oxygen sensor signal high
105	-	
106	-	
107	0.50 R/B	Electric throttle valve 5V power supply
108	-	
109	0.50 Y/BI	Intake air temperature & pressure sensor 5V power supply
110	1.50 B	Ground
111	1.50 B	Ground

TCU(E02b)



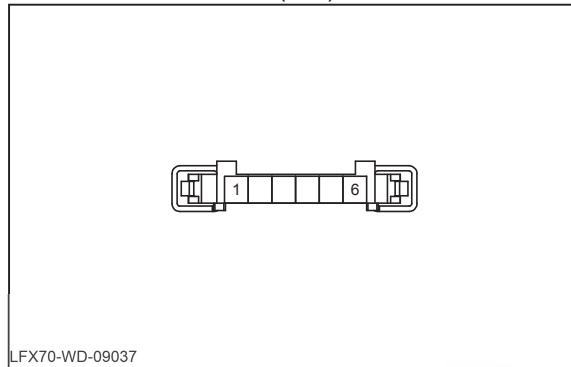
LFX70-WD-09036

Pin No.	Wire diameter/color	Function
27	0.50 Gr/O	Input shaft speed sensor supply
28	0.75 B/W	IG power supply
29	-	
30	0.50 Y/BI	Solenoid valve lock, P position
31	0.50 Y/R	Starting control signal
32	0.50 Br/V	Solenoid valve control, clutch
33	0.50 W/R	Solenoid valve control, hydraulic torque converter
34	0.50 Br/W	Solenoid valve control, hydraulic torque converter
35	0.50 Br	Pressure solenoid valve control, input shaft
36	0.50 G/BI	Output shaft pressure sensor supply
37	-	
38	-	
39	-	
40	-	
41	0.50 R/W	PCAN-H
42	0.50 B/W	PCAN-L
43	0.50 Y/B	Upshift switch
44	0.50 R/BI	Downshift switch
45	0.50 Gr/V	Manual/sports mode switch
46	0.50 B/W	IG power supply
47	0.50 W	Signal, oil temperature sensor
48	-	
49	0.50 B	Gear switch supply feedback
50	0.50 V	Output shaft speed sensor signal
51	0.50 Br/Y	Input shaft speed sensor signal
52	-	
53	-	
54	0.50 G/W	Output shaft speed sensor supply
55	0.50 V/Gr	Turbine speed sensor supply
56	1.25 R	Power supply

E02b Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	1.25 R/G	Solenoid valve power supply feedback
4	-	
5	0.50 Y/G	Snow mode switch
6	0.50 Gr/R	NC signal, brake switch
7	0.50 Gr/W	NO signal, brake switch
8	0.50 BI/G	Pressure sensor power supply, input shaft
9	-	
10	0.50 BI/Y	Pressure sensor ground, input shaft
11	0.50 BI/W	Pressure sensor signal, input shaft
12	0.50 BI/R	Pressure sensor ground, output shaft
13	0.50 BI	Pressure sensor signal, output shaft
14	0.50 W/G	Reverse signal
15	0.50 O	P position signal
16	0.50 Br/G	N position signal
17	0.50 Y	D position signal
18	0.50 R/W	S position signal
19	0.50 R/Y	Speed sensor ground, output shaft
20	0.50 BI/B	Ground
21	0.50 Br/B	Speed sensor ground, turbine
22	0.50 V/W	Speed sensor signal, turbine
23	0.50 P	Speed sensor ground, input shaft
24	2.00 B	Ground
25	0.50 B	Ground
26	2.00 B	Ground

Accelerator Pedal Position Sensor (E03b)

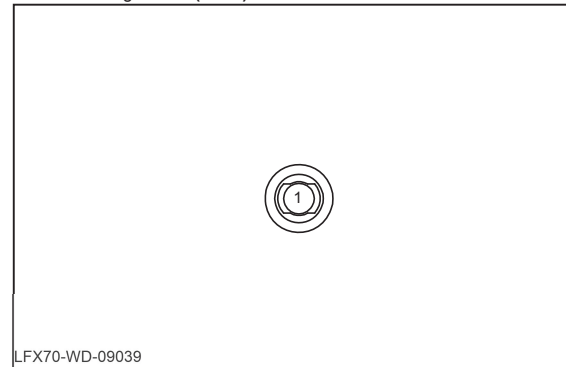


LFX70-WD-09037

E03b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/W	5V power supply
2	0.50 O/BI	5V power supply
3	0.50 BI/W	Signal ground 1
4	0.50 R/Y	Signal 1
5	0.50 W/B	Signal ground 2
6	0.50 G/R	Signal 2

Power Steering Switch (E05b)



LFX70-WD-09039

E05b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/G	Steering booster signal

Front Oxygen Sensor (E04b)



LFX70-WD-09038

E04b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/B	Common signal low
2	0.50 O/Y	Signal high
3	0.50 V/W	Heating signal
4	0.75 BI/Y	Power supply

Intake VVT Valve (E06b)

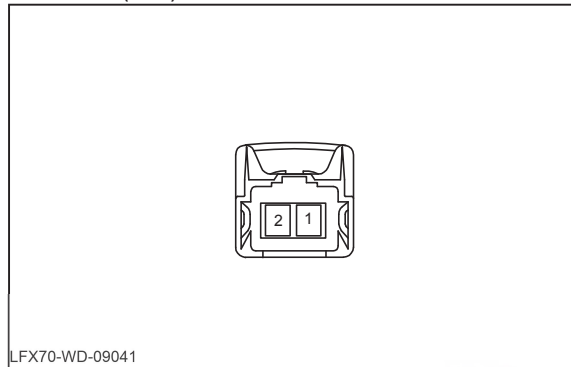


LFX70-WD-09040

E06b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.50 Y/W	Signal

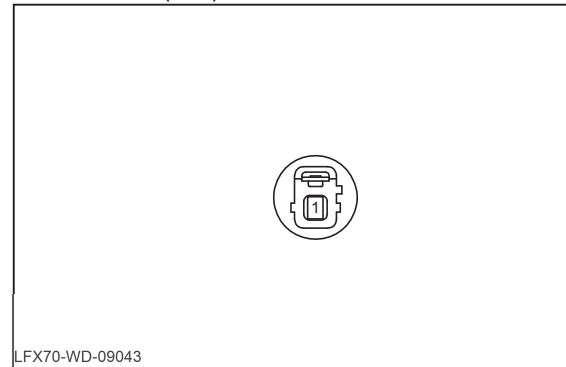
Knock Sensor (E07b)



E07b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/B	Signal high
2	0.50 BI/O	Signal low

Oil Pressure Alarm (E09b)



E09b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/B	Signal

Starter (E08b)



E08b Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 B/Y	Power supply

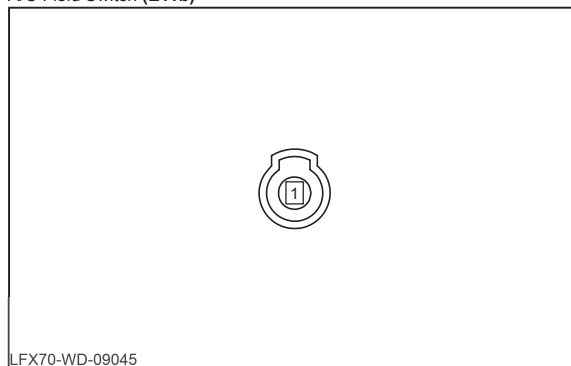
Intake Air Temperature & Pressure Sensor (E10b)



E10b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P/B	Signal
2	0.50 BI	Signal
3	0.50 Y/BI	5V power supply
4	0.50 G/R	Signal ground

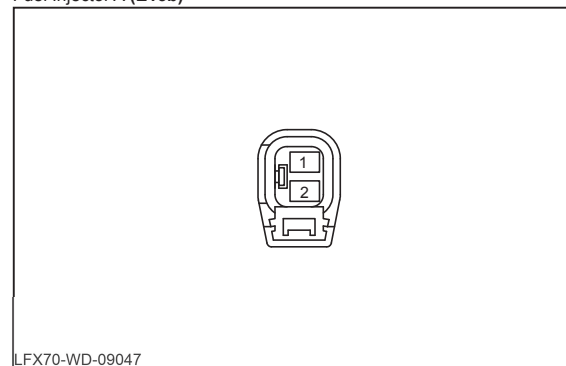
A/C Field Switch (E11b)



E11b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R/V	Power supply

Fuel Injector A (E13b)



E13b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.50 O/B	Fuel injection signal

Generator Regulator (E12b)



E12b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R	Power supply, battery
2	0.50 B/W	IG power supply
3	0.75 V	Charge indicator signal

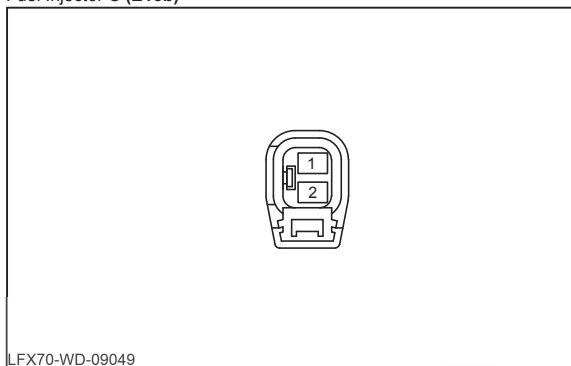
Fuel Injector B (E14b)



E14b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.50 Y/R	Fuel injection signal

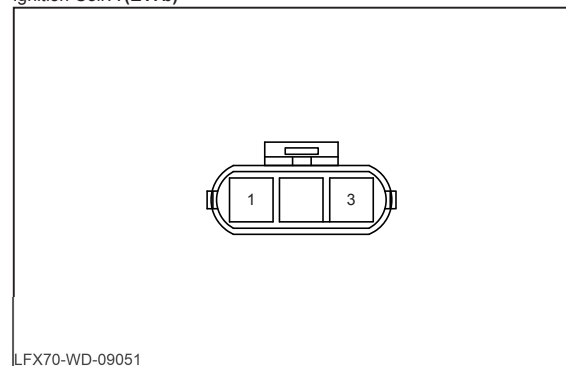
Fuel Injector C (E15b)



E15b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.50 P/Y	Fuel injection signal

Ignition Coil A (E17b)



E17b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 B	Ground
2	0.75 BI/R	Power supply
3	1.50 G/R	Ignition signal

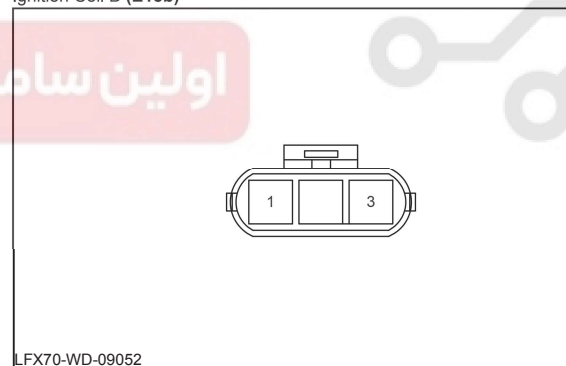
Fuel Injector D (E16b)



E16b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 BI/R	Power supply
2	0.50 P/Y	Fuel injection signal

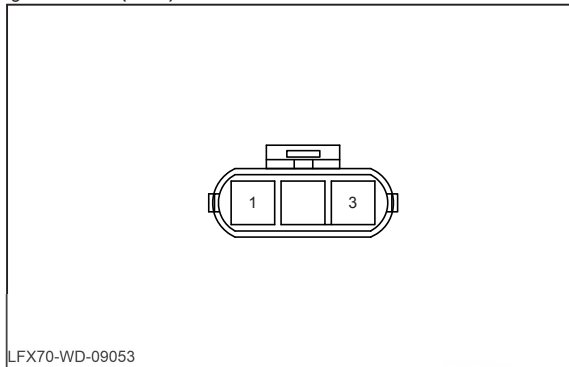
Ignition Coil B (E18b)



E18b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 B	Ground
2	0.75 BI/R	Power supply
3	1.50 P/G	Ignition signal

Ignition Coil C (E19b)

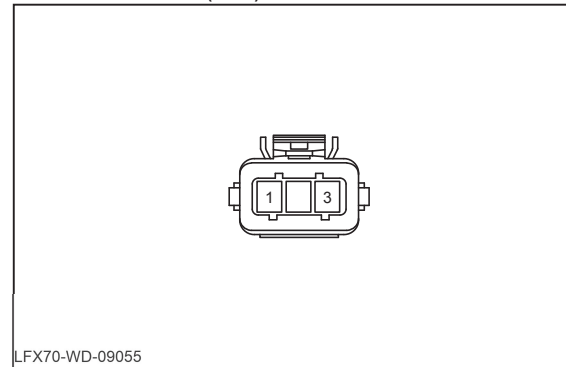


LFX70-WD-09053

E19b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 B	Ground
2	0.75 Bl/R	Power supply
3	1.50 G/W	Ignition signal

Intake Camshaft Sensor (E21b)



LFX70-WD-09055

E21b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 G/W	Signal ground
2	0.50 R/Bl	Signal
3	0.50 Y/G	5V power supply

Ignition Coil D (E20b)

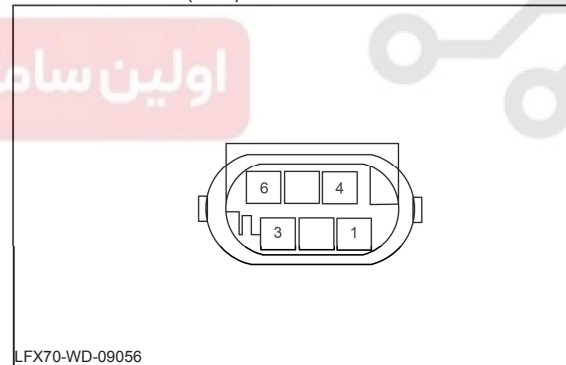


LFX70-WD-09054

E20b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 B	Ground
2	0.75 Bl/R	Power supply
3	1.50 Br	Ignition signal

Electric Throttle Valve (E22b)

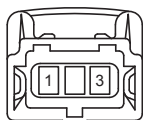


LFX70-WD-09056

E22b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 R/G	Power supply -, motor
2	0.50 V	Signal ground
3	0.50 R/B	5V power supply
4	0.75 P	Power supply +, motor
5	0.50 Bl/G	Signal 2
6	0.50 W/P	Signal 1

Coolant Temperature Sensor (E23b)

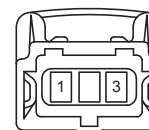


LFX70-WD-09057

E23b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 G/R	Signal ground
2	-	
3	0.50 Y/B	Signal

Crankshaft Position Sensor (E25b)



LFX70-WD-09059

E25b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl	Signal high
2	0.50 G	Signal low
3	0.50 B	Ground

Canister Control Valve (E24b)



LFX70-WD-09058

E24b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 Bl/R	Power supply
2	0.50 W/G	Signal

Output shaft speed sensor (E26b)

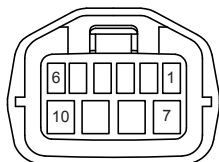


LFX70-WD-09060

E26b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/Y	Ground
2	0.50 V	Signal
3	0.50 G/W	Power supply

Gear switch (E27b)

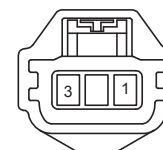


LFX70-WD-09061

E27b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y	D position signal
2	-	
3	0.50 O	P position signal
4	0.50 Br/G	N position signal
5	0.50 R/W	S position signal
6	-	
7	0.50 W/G	Reverse signal
8	0.50 B	Power supply feedback
9	0.50 Gr	P/N switch signal
10	0.50 B	Ground

Output shaft pressure sensor (E29b)



LFX70-WD-09063

E29b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI	Signal
2	0.50 BI/R	Ground
3	0.50 G/BI	Power supply

Turbine speed sensor (E28b)



LFX70-WD-09062

E28b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/B	Ground
2	0.50 V/W	Signal
3	0.50 V/Gr	Power supply

Input shaft pressure sensor (E30b)

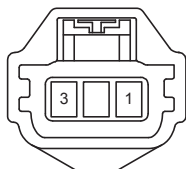


LFX70-WD-09064

E30b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P	Ground
2	0.50 Br/Y	Signal
3	0.50 Gr/O	Power supply

Input shaft pressure sensor (E31b)

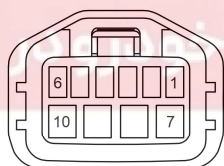


LFX70-WD-09065

E31b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/Y	Ground
2	0.50 BI/W	Signal
3	0.50 BI/G	Power supply

Solenoid valve (E32b)



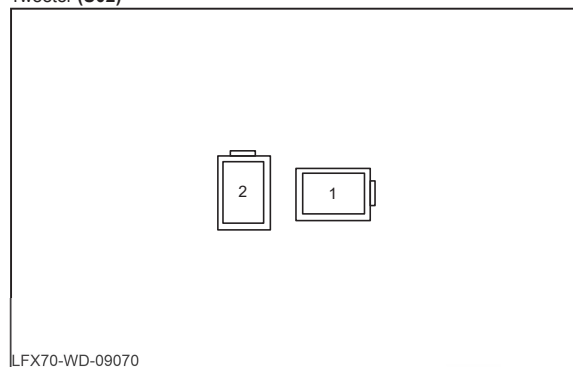
LFX70-WD-09066

E32b Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 W	Signal, oil temperature sensor
2	0.50 BI/B	Ground
3	0.50 W/R	Solenoid valve control, hydraulic torque converter
4	0.50 Br/V	Solenoid valve control, clutch
5	0.50 Br	Pressure solenoid valve control, input shaft
6	0.50 Br/W	Pressure solenoid valve control, output shaft
7	-	
8	-	
9	1.25 R/G	Power supply
10	1.25 R/G	Power supply

9.2 Engine compartment harness

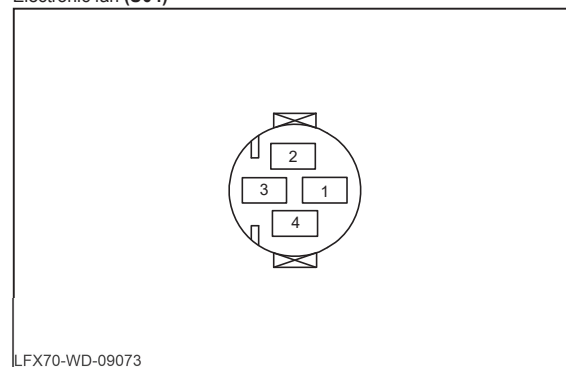
Tweeter (U02)



U02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 P/W	Power supply
2	0.85 B	Ground

Electronic fan (U04)



U04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	3.00 R/W	Power input, low-speed fan
2	3.00 V	Power input, high-speed fan
3	3.00 R/V	Power output, low-speed fan
4	3.00 B	Ground

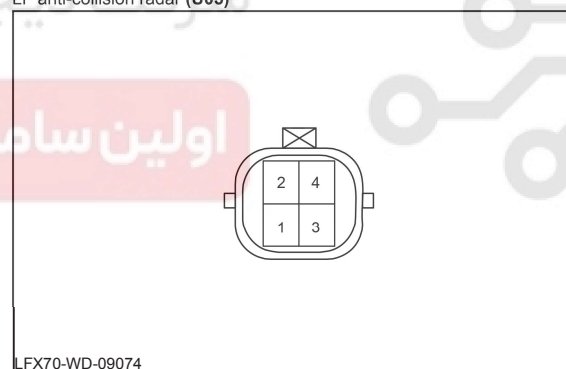
Ambient temperature sensor (U03)



U03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/B	Signal -
2	0.50 V/W	Signal +

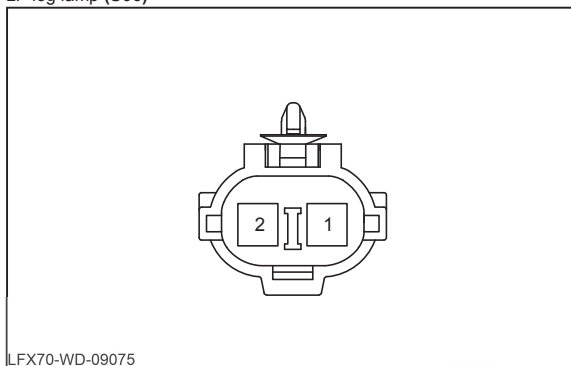
LF anti-collision radar (U05)



U05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 W/O	Signal
3	0.30 Y/W	Power supply
4	0.30 B	Ground

LF fog lamp (U06)



LFX70-WD-09075

U06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 B	Ground
2	0.85 Bl/B	Power supply

LF wheel speed sensor (U07)

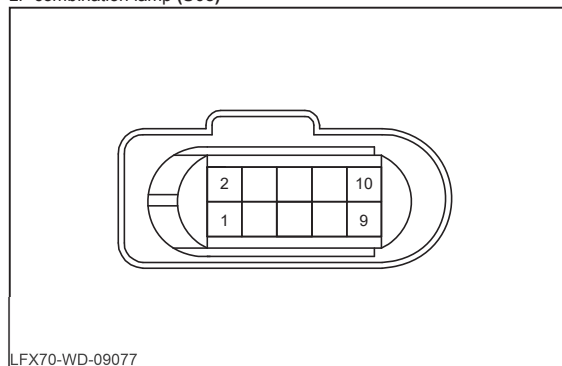


LFX70-WD-09076

U07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/Bl	Signal +
2	0.50 Br/Gr	Signal -

LF combination lamp (U08)

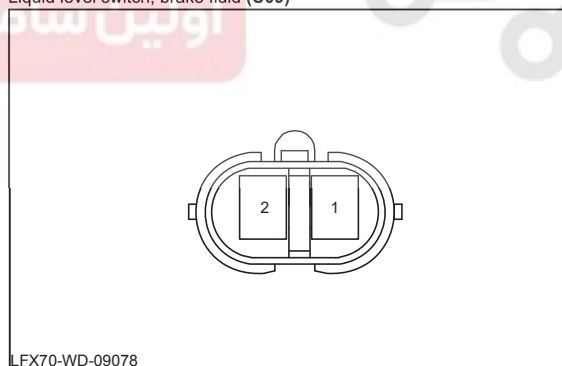


LFX70-WD-09077

U08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Bl/W	Power supply, high beam lamp
2	0.85 B	Ground
3	0.30 G/Y	Turn signal lamp power
4	0.30 G/W	Power supply, position lamp
5	0.30 Bl/B	Driving signal, dimmer motor
6	0.30 G/O	Power supply, daytime running lamp
7	0.50 B	Ground
8	0.85 Bl/Y	Driving signal, dimmer motor
9	0.50 Bl/Y	Power supply, low beam lamp
10	0.85 B	Ground

Liquid level switch, brake fluid (U09)

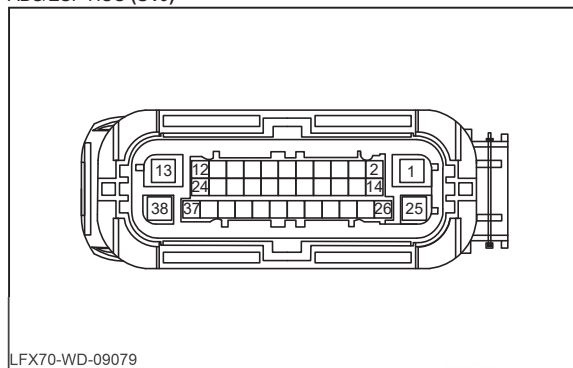


LFX70-WD-09078

U09 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 Bl/R	Signal

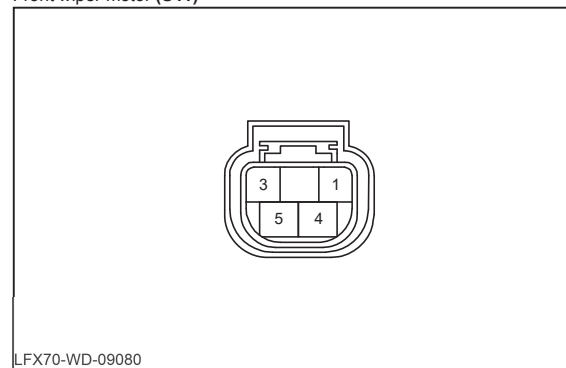
ABS/ESP HCU (U10)



U10 Terminal Definition

Pin No.	Wire diameter/color	Function
1	4.00 R	Power supply
2	0.30 P/G	Wheel speed signal output
3	-	
4	0.50 Br/O	RF wheel speed sensor signal -
5	-	
6	-	
7	-	
8	0.50 Br/Gr	LF wheel speed sensor signal -
9	-	
10	-	
11	-	
12	0.30 Y/R	ESP switch signal
13	4.00 B	Ground
14	0.30 Bl/W	PCAN-L
15	-	
16	0.50 Br/B	RF wheel speed sensor signal +
17	0.50 Br/W	RR wheel speed sensor signal +
18	0.50 Br/G	LR wheel speed sensor signal -
19	0.50 Br/Bl	LF wheel speed sensor signal +
20	0.50 O/W	Yaw rate sensor signal -
21	-	
22	-	
23	-	
24	-	
25	2.50 Bl/R	Power supply
26	0.30 Bl/B	PCAN-H
27	-	
28	0.50 R/W	Power supply
29	0.50 Br/Y	RR wheel speed sensor signal -
30	0.50 Bl/W	Brake signal input
31	0.50 Br/P	LR wheel speed sensor signal +
32	-	
33	0.50 O/B	Yaw rate sensor signal +
34	-	
35	-	
36	-	
37	-	
38	2.50 B	Ground

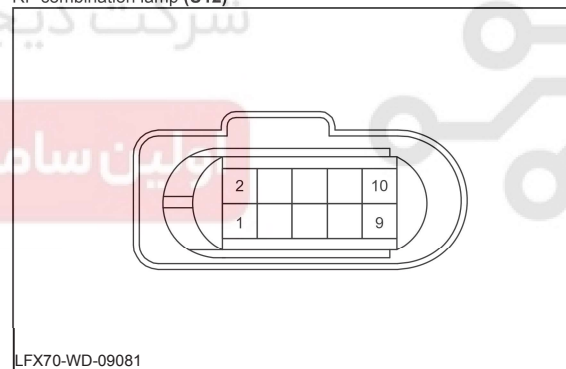
Front wiper motor (U11)



U11 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 P/Y	Power supply
2	1.25 R/G	Motor reset
3	1.25 P/G	Low-speed power supply
4	1.25 B	High-speed power supply
5	1.25 P/Bl	Ground

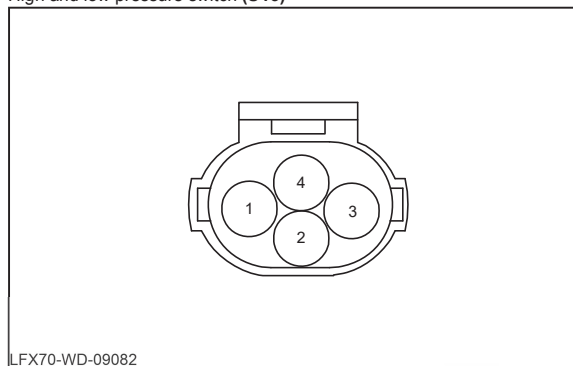
RF combination lamp (U12)



U12 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Bl/W	Power supply, high beam lamp
2	0.85 B	Ground
3	0.30 Bl/G	Turn signal lamp power
4	0.30 Y/B	Power supply, position lamp
5	0.30 Bl/B	Driving signal, dimmer motor
6	0.30 G	Power supply, daytime running lamp
7	0.50 B	Ground
8	0.85 Bl/Y	Driving signal, dimmer motor
9	0.50 Bl/Y	Power supply, low beam lamp
10	0.85 B	Ground

High and low pressure switch (U13)

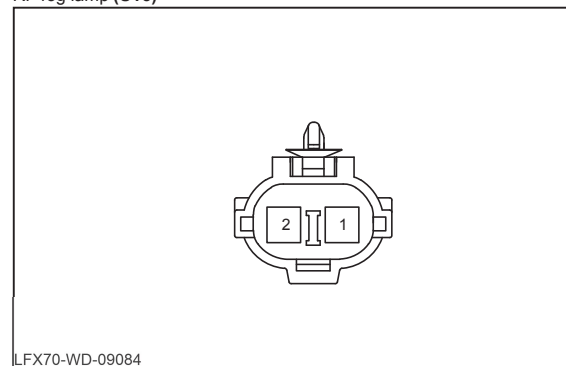


LFX70-WD-09082

U13 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 B	Ground
2	0.50 Gr/W	A/C signal
3	0.50 G	Signal, A/C switch
4	0.50 R/G	Feedback signal, A/C switch

RF fog lamp (U15)



LFX70-WD-09084

U15 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 B	Ground
2	0.85 Bl/B	Power supply

RF anti-collision radar (U14)

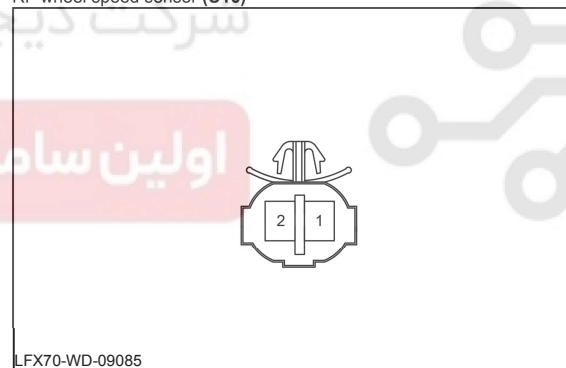


LFX70-WD-09083

U14 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	0.30 W/O	Signal
3	0.30 Y/W	Power supply
4	0.30 B	Ground

RF wheel speed sensor (U16)

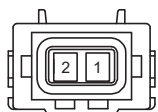


LFX70-WD-09085

U16 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/B	Signal +
2	0.50 Br/O	Signal -

Washer motor (U17)



LFX70-WD-09086

U17 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Y/Bl	Power input
2	0.85 Y/G	Power output

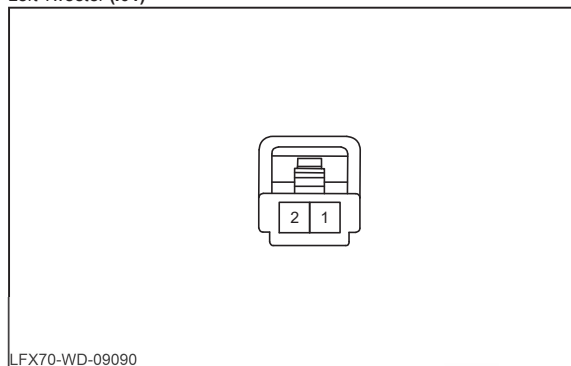


شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

9.3 Instrument harness

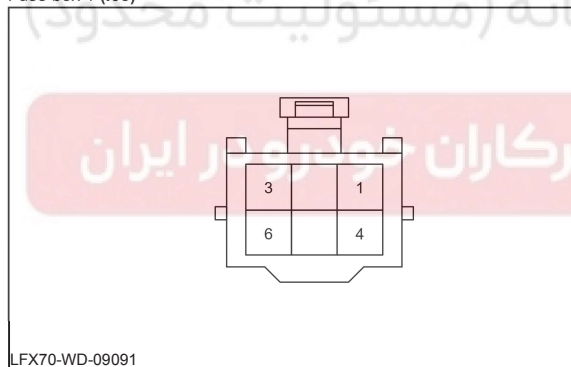
Left Tweeter (I01)



I01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/P	Signal -
2	0.50 V/O	Signal +

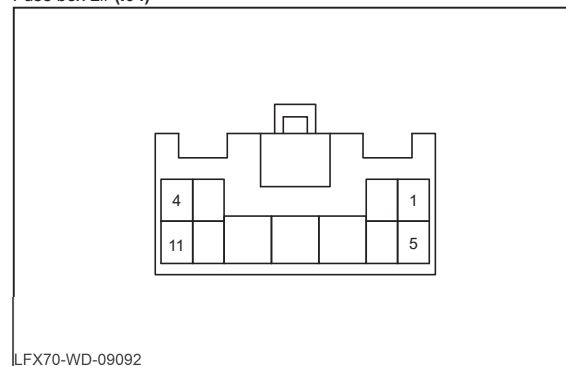
Fuse box 1 (I03)



I03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.50 R/Bl	Power supply, instrument cluster
3	0.50 R/Bl	Power supply, instrument cluster
4	0.30 Bl/R	IG power driving
5	0.50 R/Y	Airbag power supply
6	0.50 R/Y	Airbag power supply

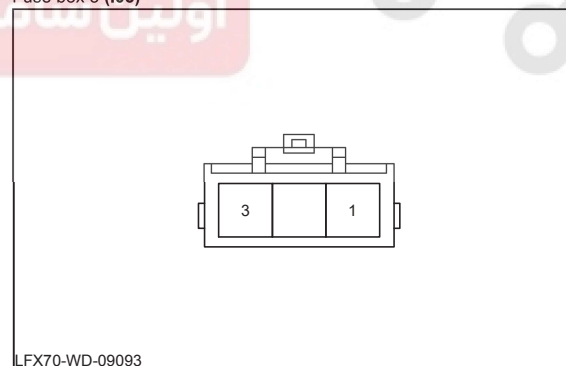
Fuse box 2# (I04)



I04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R/W	Power supply, ESCL
2	0.50 R/G	PEPS/BCM power supply
3	0.30 V/W	Signal feedback, ACC
4	0.30 R	GLONASS power supply
5	0.85 R/W	Power supply, ESCL
6	0.50 R/G	PEPS/BCM power supply
7	1.25 R/Y	Power supply, cigarette lighter
8	0.85 R/B	MP5/CD power supply
9	2.00 R	Sunroof power supply
10	-	
11	0.30 R	GLONASS power supply

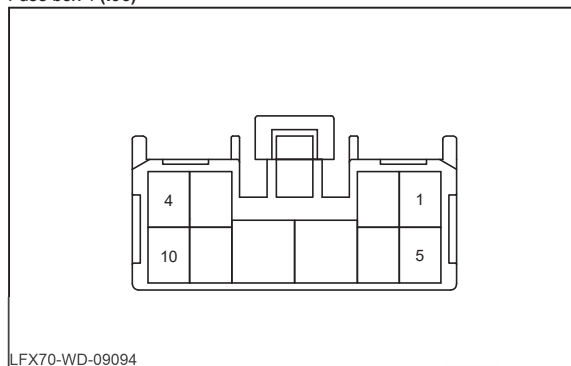
Fuse box 3 (I05)



I05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 R/Y	Power supply, window regulator
2	3.00 Br	AM1 power supply
3	3.00 Bl/R	AM2 power supply

Fuse box 4 (I06)

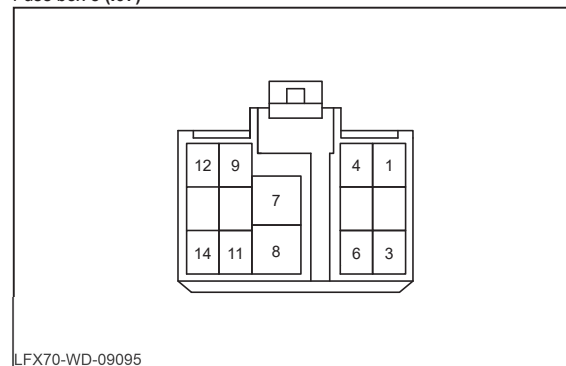


LFX70-WD-09094

I06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 B/W	IG2 power supply
1	0.30 R/Y	Signal feedback, IG2
2	2.00 B/W	IG2 power supply
3	0.30 Y	Driving output, rear fog lamp
4	1.25 Gr	Defrost power supply
5	0.30 Bl/Y	Driving output, IG2 power supply
6	-	
7	1.25 R/W	Power supply, wiper motor
8	0.50 Bl/Y	Power supply, rear fog lamp
9	0.30 Gr/Y	Control signal, rear defrosting relay
10	1.25 Gr	Defrost power supply

Fuse box 5 (I07)



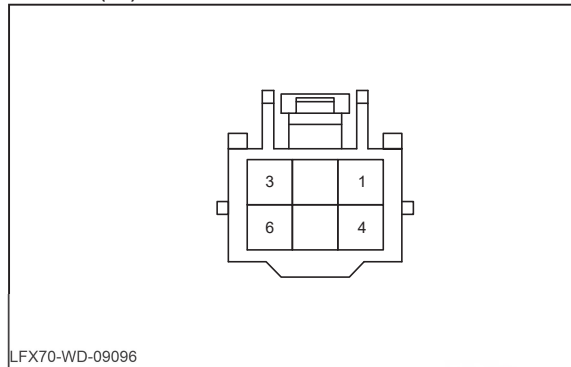
LFX70-WD-09095

I07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.85 R/Y	Power supply, A/C panel/sunroof/brake switch
4	-	
5	-	
6	0.85 R/Y	Power supply, A/C panel/sunroof/brake switch
7	0.50 R/G	TCU power supply
8	3.00 R/Bl	IG power supply
9	-	
10	0.50 R/W	ECU+ABS/ESP power supply
11	0.85 R/B	Power supply, seat heating
12	-	
13	0.50 R/W	ECU+ABS/ESP power supply
14	0.50 W	Power supply, reversing lamp

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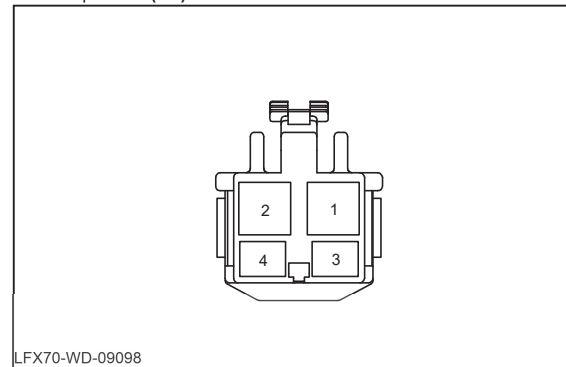
Fuse box 6 (I08)



I08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 Y	Blower power supply
2	2.00 Y	Blower power supply
3	0.30 B	Ground
4	1.25 R/G	Power supply, power seat
5	1.25 Y/W	Power supply, diagnostic interface
6	0.85 W	Power supply, central door lock

Clutch top switch (I10)



I10 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/G	TDC signal
2	0.50 B	Ground
3	-	
4	-	

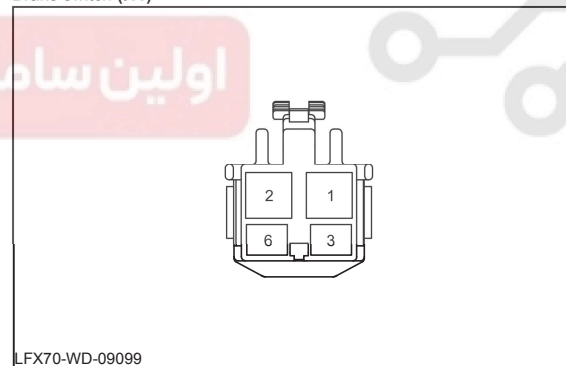
Clutch bottom switch (I09)



I09 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 W	Switch signal
2	0.30 B	Ground
3	0.50 Y/W	Power supply
4	0.50 Y	LDC signal

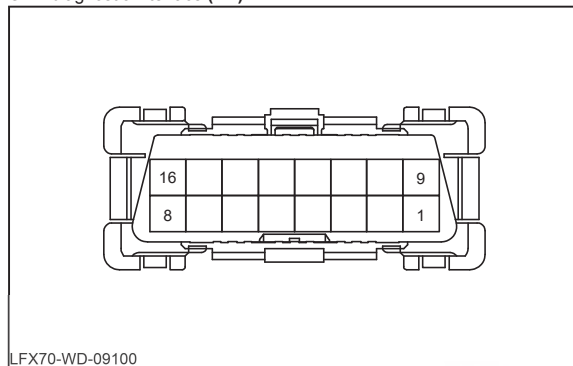
Brake switch (I11)



I11 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 Bl/W	Power output, normally closed switch
2	1.25 Y/W	Power input, normally closed switch
3	0.85 V	Power output, normally open switch
4	1.25 R/Y	Power input, normally open switch

OBD diagnostic interface (I12)

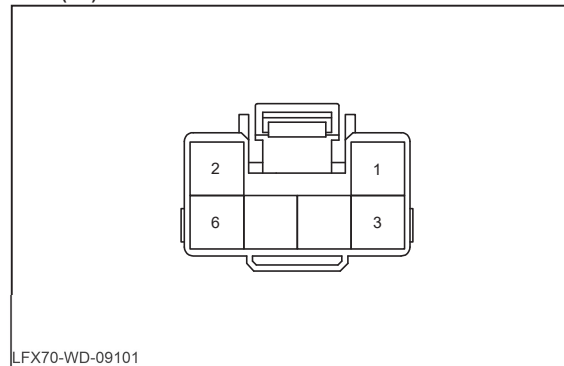


LFX70-WD-09100

I12 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	-	
4	0.30 B	Ground
5	0.30 B	Ground
6	0.30 BI/B	PCAN-H
7	-	
8	0.50 R/Y	IG power supply
9	-	
10	-	
11	-	
12	-	
13	-	
14	0.30 BI/W	PCAN-L
15	-	
16	0.50 Y/W	Power supply, battery

ESCL (I13)

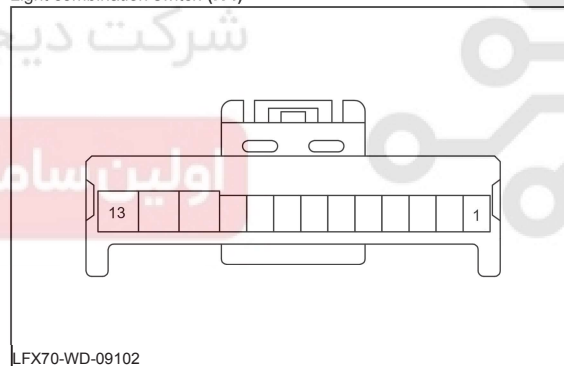


LFX70-WD-09101

I13 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	0.30 Br/B	Ground, ESCL
3	0.30 Br/W	Power input, ESCL
4	0.30 B/W	Enable, ESCL
5	0.30 Br/R	Feedback, ESCL
6	0.30 B/R	ESCL LIN

Light combination switch (I14)

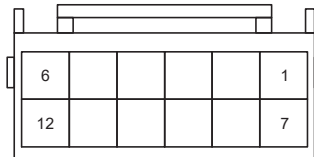


LFX70-WD-09102

I14 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G	Signal, clearance lamp switch
2	0.30 B	Ground
3	0.30 BI/R	Signal, AUTO lamp switch
4	0.30 G/Br	Signal, low beam lamp switch
5	0.30 B	Ground
6	0.30 BI/B	Signal, front fog lamp switch
7	0.30 BI/W	Signal, rear fog lamp switch
8	0.30 G/B	Signal, high beam lamp switch
9	0.30 G/W	Signal, overtaking lamp switch
10	-	
11	0.30 G/Y	Signal, left turn signal lamp switch
12	0.30 B	Ground
13	0.30 G/BI	Signal, right turn signal lamp switch

Clock spring 1 (I15)

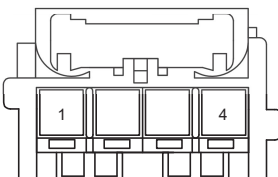


LFX70-WD-09103

I15 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/W	Steering wheel switch 1+
2	0.50 V/P	Steering wheel switch 2+
3	0.50 V/BI	Steering wheel switch 3+
4	-	
5	-	
6	0.50 V/R	Steering wheel switch +
7	0.50 V/Y	Steering wheel switch -
8	0.50 Y/P	Cruise switch signal
9	0.50 Y/R	Cruise switch signal ground
10	0.30 G/Y	Power supply, backlight
11	0.50 B	Ground
12	0.30 P/B	Signal, horn control

Driver's Airbag (I16)

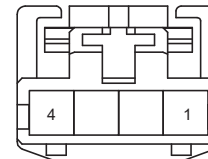


LFX70-WD-09104

I16 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.50 Br	Driving signal low
4	0.50 V	Driving signal high

Steering angle sensor (I17)

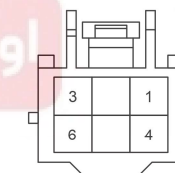


LFX70-WD-09105

I17 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 B	Ground
2	0.50 R/W	Power supply
3	0.30 BI/B	PCAN-H
4	0.30 BI/W	PCAN-L

Ignition switch (I19)

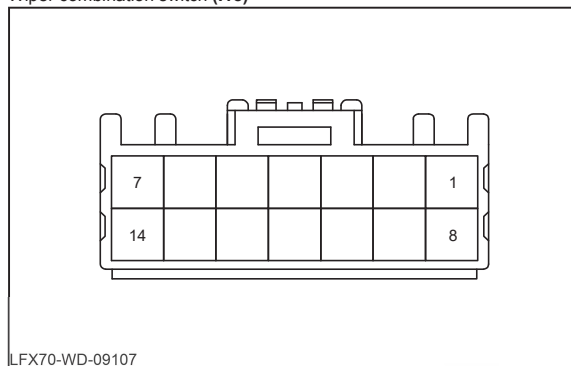


LFX70-WD-09106

I19 Terminal Definition

Pin No.	Wire diameter/color	Function
1	3.00 V	ACC power supply
2	3.00 R/BI	IG1 power supply
3	3.00 Br	Power supply, battery
4	3.00 B/W	IG2 power supply
5	3.00 BI/R	Power supply, battery
6	0.30 B/O	Starting power supply

Wiper combination switch (I18)

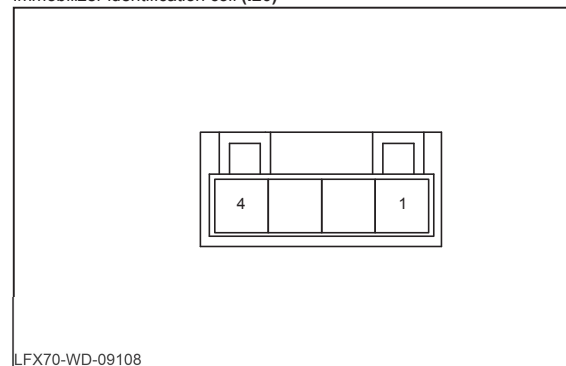


LFX70-WD-09107

I18 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P	Rear wiper switch
2	0.85 P/B	Rear washer switch
3	1.25 R/W	Power supply
4	-	
5	0.85 P/W	Front washer switch
6	1.25 P/Bl	Front wiper high speed
7	1.25 B	Ground
8	0.50 P	Rear wiper switch
9		
10	1.25 P/G	Front wiper low speed
11	1.25 R/W	Power supply
12	1.25 P/Y	Motor reset
13	-	
14	-	

Immobilizer identification coil (I20)

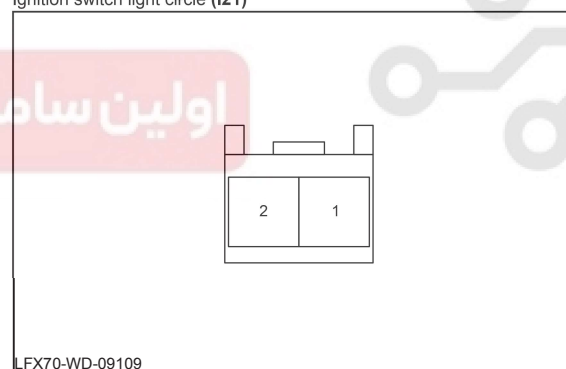


LFX70-WD-09108

I20 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/W	Backlight signal
2	0.30 B	Ground
3	0.30 Br	Signal +
4	0.30 Br/B	Signal -

Ignition switch light circle (I21)

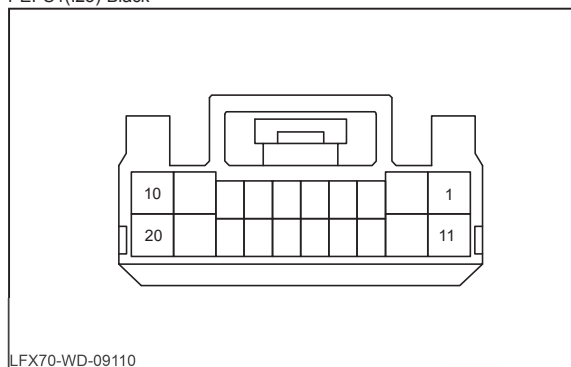


LFX70-WD-09109

I21 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 Br/B	Key-in signal

PEPS1(I23)-Black

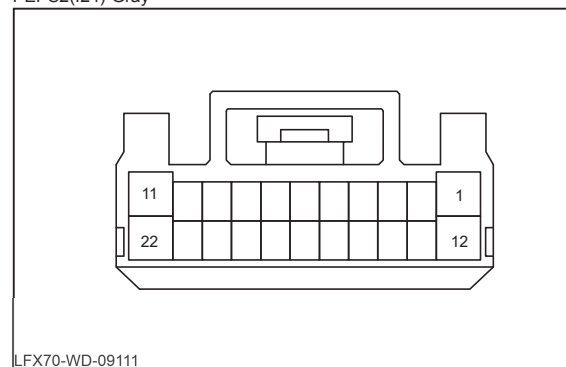


LFX70-WD-09110

I23 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/B	Ground, ESCL
2	0.30 Br/W	Power output, ESCL
3	0.30 G/BI	Signal, right turn signal lamp switch
4	0.30 G/W	Signal, overtaking lamp switch
5	0.30 G/Br	Signal, low beam lamp switch
6	0.30 BI	Analog ground
7	0.50 Br/G	Unlocking signal, tail door
8	0.50 Br/R	Unlocking, LF door
9	0.50 Br/BI	Locking, four doors
10	0.50 Br/Y	Unlocking, three doors
11	1.25 R/W	Power supply, ESCL
12	-	
13	0.30 G/B	Signal, high beam lamp switch
14	0.30 G	Signal, clearance lamp switch
15	-	
16	0.30 Br/O	Collision signal input
17	-	
18	0.50 R/G	Energy saving output
19	0.85 W	Power supply, lock
20	1.25 B	Ground, central door lock

PEPS2(I24)-Gray

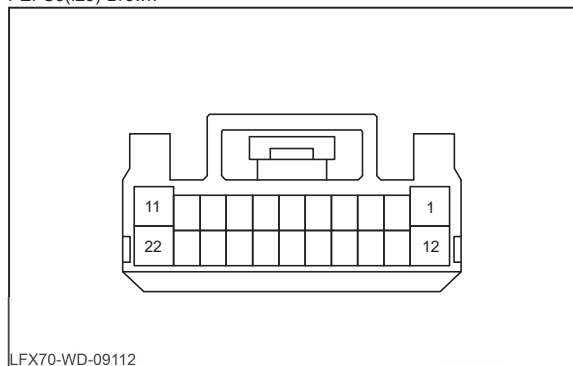


LFX70-WD-09111

I24 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground, LF window /RR window
2	0.50 G/B	Descending signal, RR window regulator motor
3	0.50 G	Ascending signal, RR window regulator motor
4	0.50 Y/W	Ascending signal, LF window regulator motor
5	0.50 Y/R	Descending signal, LF window regulator motor
6	0.30 G/W	Sunroof control signal
7	0.50 Y/BI	Ascending signal, RF window regulator motor
8	0.50 Y/G	Descending signal, RF window regulator motor
9	0.50 Y/V	Descending signal, LR window regulator motor
10	0.50 Y/Br	Ascending signal, LR window regulator motor
11	1.25 B	Ground, RF/LR windows
12	1.25 R/Y	Power supply, LF window regulator/RR window regulator
13	0.30 BI/W	Control signal, high beam lamp
14	0.30 BI/Y	Control signal, low beam lamp
15	0.30 BI	Signal, reversing lamp
16	-	
17	0.30 BI/R	Signal, AUTO lamp switch
18	0.30 BI/W	Signal, rear fog lamp switch
19	0.30 BI/Gr	Signal, front fog lamp switch
20	0.30 BI/B	Signal, hazard warning lamp switch
21	0.30 Br/W	Signal, left turn signal lamp switch
22	1.25 G/Y	Power supply, RF/LR window regulators

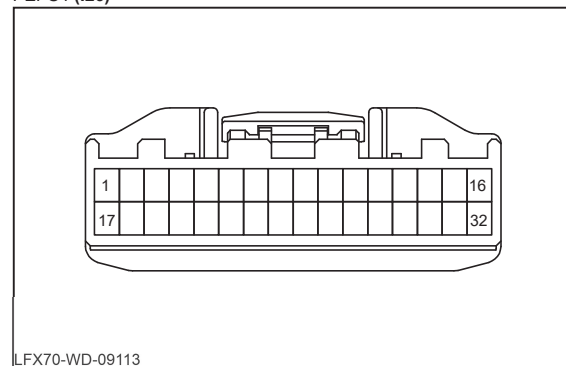
PEPS3(I25)-Brown



I25 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/G	Power supply, controller
2	0.30 BI/B	PCAN-H
3	-	
4	0.30 Br/Y	Power supply, IMMO indicator
5	0.30 G/BI	Driving output, room lamp
6	-	
7	0.30 BI/G	Power supply, RF turn signal lamp
8	0.30 G/Y	Power supply, LF turn signal lamp
9	0.30 Y/G	Signal output, rearview mirror unfolding
10	0.30 Y/Br	Signal output, rearview mirror folding
11	0.50 Y/W	Power supply, exterior lamp
12	0.85 B	Ground, controller
13	0.30 BI/W	PCAN-L
14	-	
15	0.30 Y/B	Driving signal, position lamp, RF door
16	0.30 G/W	Driving signal, position lamp, LF door
17	0.30 G	Driving signal, daytime running lamp, RF door
18	0.30 G/O	Driving signal, daytime running lamp, LF door
19	0.30 Br/R	Power supply, sensor
20	0.30 Y	Driving output, rear fog lamp
21	0.30 BI/B	Control signal, front fog lamp
22	0.30 P/B	Driving output, electrical horn

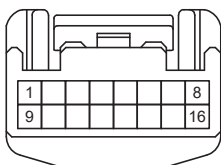
PEPS4 (I26)



I26 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br	IMMO antenna -
2	0.30 Br/Y	Front antenna signal +, internal
3	0.30 B/R	ESCL LIN
4	0.50 Br/G	TDC signal, clutch
5	0.30 W	Switch signal 1, start switch
6	0.30 Br/R	Feedback, ESCL
7	0.30 R/BI	Signal feedback, IG1
8	0.30 BI/W	Brake signal input
9	0.30 B/Y	Start signal feedback
10	0.30 W/O	LED2, start switch
11	0.30 BI/R	Driving output, IG1 power supply
12	0.30 BI/Y	Driving output, IG2 power supply
13	0.30 V	Driving output, ACC power supply
14	0.30 B/O	Starter driving power output
15	0.30 B/W	Enable, ESCL
16	-	
17	0.30 Br/B	IMMO antenna +
18	0.30 Br/W	Front antenna signal -, internal
19	0.30 P/G	Wheel speed signal input
20	0.30 W/B	P/N switch signal
21	0.30 W/R	Switch signal 2, start switch
22	0.30 V/W	Signal feedback, ACC
23	0.30 R/Y	Signal feedback, IG2
24	0.50 Y	BDC signal, clutch
25	0.50 G/O	Working indicator, window regulator
26	0.30 W/G	LED1, start switch
27	0.30 W/BI	Backlight, start switch
28	0.30 B/G	Ground, start switch
29	-	
30	-	
31	-	
32	-	

Instrument panel switch (I28)

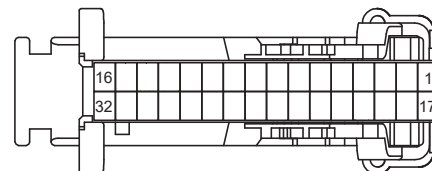


LFX70-WD-09114

I28 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	0.30 B	Ground
3	0.50 R	Power supply
4	0.30 R/W	Common harness
5	0.30 BI/W	Left/right adjustment signal, right external rearview mirror
6	0.30 Y/W	Up/down adjustment signal, right external rearview mirror
7	0.30 P/G	Up/down adjustment signal, left external rearview mirror
8	0.30 P/W	Left/right adjustment signal, left external rearview mirror
9	0.30 G/Y	Power supply, backlight
10	0.30 Y/R	ESP switch signal
11	-	
12	-	
13	0.30 G/Y	Power supply, backlight
14	0.30 BI/B	Driving signal, dimmer motor
15	0.30 G/B	Signal, external rearview mirror folding
16	0.30 G/W	Signal, external rearview mirror unfolding

Instrument cluster (I29)

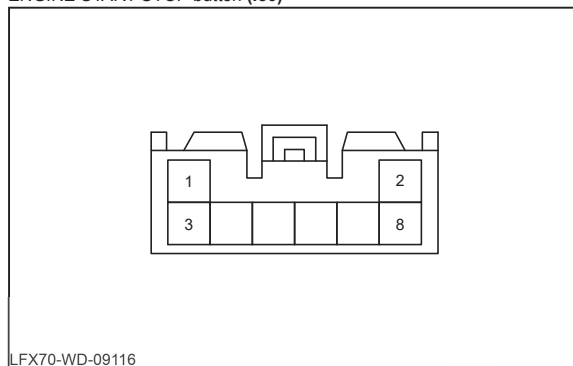


LFX70-WD-09115

I29 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 V/B	Signal -, external temperature sensor
2	0.50 V/R	Steering wheel switch +
3	0.30 O/B	Charge indicator signal
4	0.30 O/G	Signal, indicator, front passenger seat belt not fastened
5	-	
6	-	
7	-	
8	-	
9	-	
10	-	
11	-	
12	-	
13	0.30 Br/W	Fuel level signal indicator
14	0.30 O/G	Passenger detecting signal
15	0.50 V/Y	Steering wheel switch -
16	0.30 B/Y	Fuel level signal ground
17	0.30 Br	Signal, parking brake indicator
18	0.30 Y/B	Signal, alarm, oil pressure low
19	0.50 W/O	Reversing radar signal
20	0.30 O/W	Signal, indicator, driver seat belt not fastened
21	0.30 BI/B	PCAN-H
22	0.30 BI/W	PCAN-L
23	0.85 R/BI	IG power supply
24	0.50 R/G	Power supply, battery
25	0.50 B	Signal ground
26	-	
27	0.30 G	Vehicle speed signal output
28	0.30 R/Y	ACC power supply
29	-	
30	0.30 BI	Reverse signal input
31	0.30 V/W	Signal +, external temperature sensor
32	0.30 BI/R	Brake fluid level low

ENGINE START STOP button (I30)

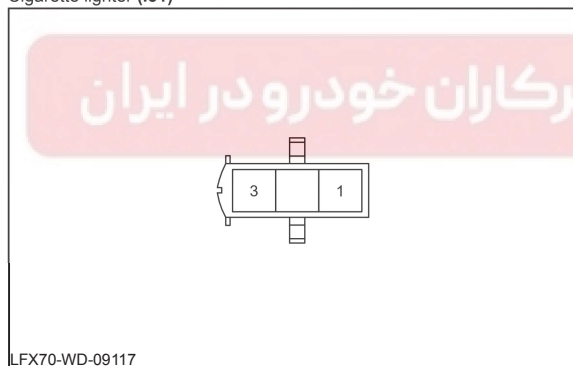


LFX70-WD-09116

I30 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/B	IMMO antenna -
2	0.30 Br	IMMO antenna +
3	0.30 W/R	Signal 2, start switch
4	0.30 B/G	Signal ground, start switch
5	0.30 W/B	Backlight, start switch
6	0.30 W/G	LED1, start switch
7	0.30 W/O	LED2, start switch
8	0.30 W	Signal 1, start switch

Cigarette lighter (I31)

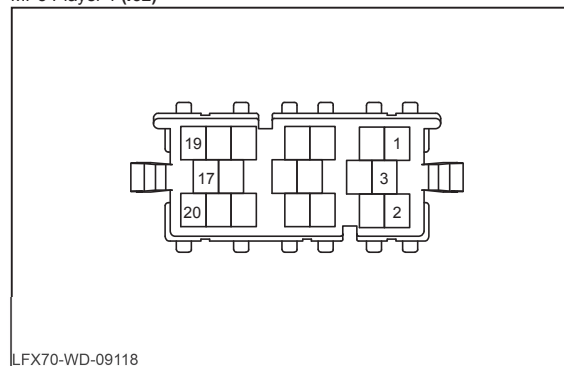


LFX70-WD-09117

I31 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	1.25 R/Y	Power supply
3	1.25 B	Ground

MP5 Player 1 (I32)



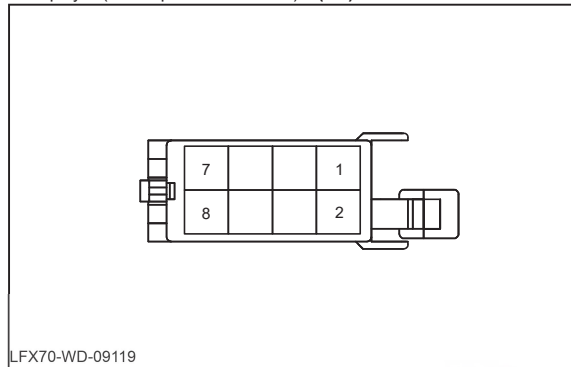
LFX70-WD-09118

I32 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/W	Steering wheel switch 1+
2	0.50 V/B	MIC +
3	0.50 V/P	Steering wheel switch 2-
4	0.50 V/B	Steering wheel switch 3+
5	0.50 V/G	MIC -
6	-	
7	-	
8	-	
9	0.30 B/G	Signal -, rear view camera
10	0.30 Br	Signal +, rear view camera
11	0.85 R/B	MP5/CD detection signal
12	-	
13	0.30 Br/W	Signal, hazard warning switch
14	-	
15	-	
16	-	
17	-	
18	-	
19	0.30 G	Vehicle speed signal
20	-	

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)
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MP5 player (brown protective sleeve) 2 (I33)

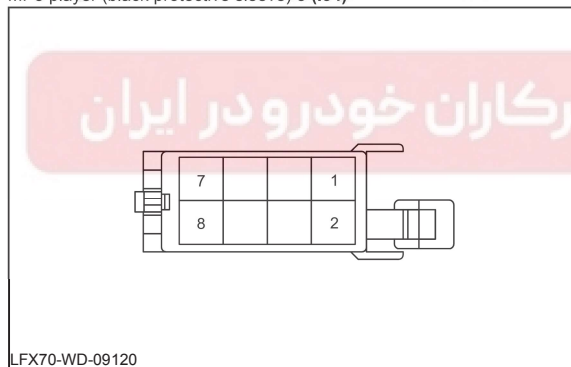


LFX70-WD-09119

I33 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/B	Signal +, RR loudspeaker
2	0.50 V/W	Signal -, RR loudspeaker
3	0.50 V/R	Signal +, RF loudspeaker
4	0.50 V/Y	Signal -, RF loudspeaker
5	0.50 V/O	Signal +, LF loudspeaker
6	0.50 V/P	Signal -, LF loudspeaker
7	0.50 V/Bl	Signal +, LR loudspeaker
8	0.50 V/G	Signal -, LR loudspeaker

MP5 player (black protective sleeve) 3 (I34)

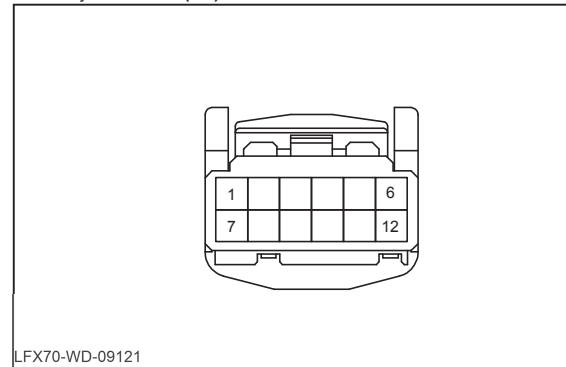


LFX70-WD-09120

I34 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/W	Signal, antenna amplifier
2	0.30 V/W	GLONASS mute harness
3	0.30 G/Y	Power supply, backlight
4	0.30 R/Y	ACC power supply
5	-	
6	0.50 Bl	Reversing signal
7	0.85 R/B	Power supply, battery
8	0.85 B	Ground

MP5 Player Screen 1 (I35)

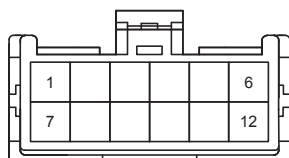


LFX70-WD-09121

I35 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R	5V power supply
2	0.50 R/W	5V power supply
3	0.30 Bl	RST
4	0.30 Y	INT
5	0.30 Br	SDA
6	0.50 B	Ground
7	0.50 B/Y	Ground
8	0.30 G	Backlight control
9	0.30 O	Backlight brightness control
10	0.30 P	Power supply control
11	0.30 W	SCL
12	0.50 B	Ground

MP5 Player Screen 2 (I37)

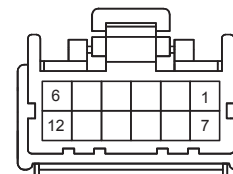


LFX70-WD-09122

I37 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R	5V power supply
2	0.50 R/W	5V power supply
3	0.30 BI	RST
4	0.30 Y	INT
5	0.30 Br	SDA
6	0.50 B	Ground
7	0.50 B/Y	Ground
8	0.30 G	Backlight control
9	0.30 O	Backlight brightness control
10	0.30 P	Power supply control
11	0.30 W	SCL
12	0.50 B/W	Ground

A/C control panel (I38)



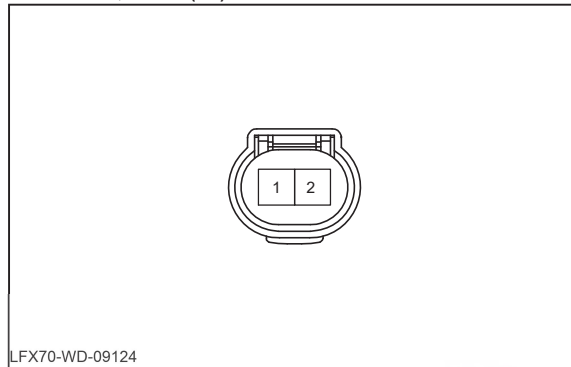
LFX70-WD-09123

I38 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/R	Low-temperature heating signal, driver seat
2	0.30 G/W	High-temperature heating signal, driver seat
3	-	
4	0.30 G	Switch signal, driver seat
5	-	
6	-	
7	0.30 Y/Br	Low-temperature heating signal, front passenger seat
8	0.30 Y/W	High-temperature heating signal, front passenger seat
9	-	
10	0.30 Y	Switch signal, front passenger seat
11	-	
12	-	

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Front antenna, internal (I39)

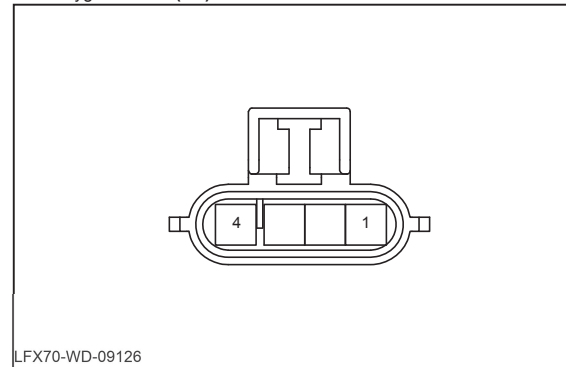


LFX70-WD-09124

I39 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/Y	Signal -
2	0.30 Br/W	Signal +

Rear oxygen sensor (I41)



LFX70-WD-09126

I41 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.75 O	Power supply
2	0.75 Gr	Heating signal
3	0.50 G	Signal high
4	0.50 V/B	Common signal low

On-board power supply (I40)



LFX70-WD-09125

I40 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground
2	1.25 R/Y	Power supply

Ambient light sensor (I42)

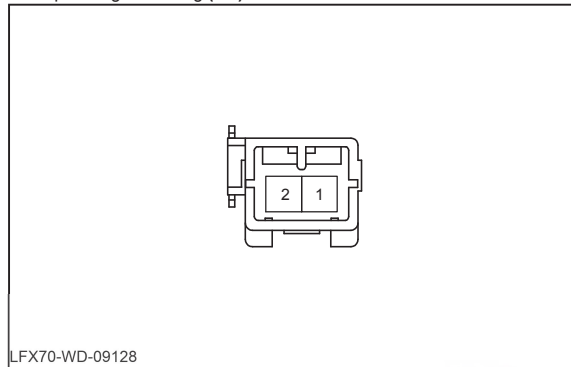


LFX70-WD-09127

I42 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/Y	Power supply, IMMO indicator
2	0.30 BI	Analog ground
3	0.30 Br/R	Power supply
4	0.30 G/O	Analog signal
5	-	
6	-	
7	-	
8	-	

Front passenger's airbag (I43)



LFX70-WD-09128

I43 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 W	Driving signal low
2	0.50 P	Driving signal high

Right tweeter (I44)

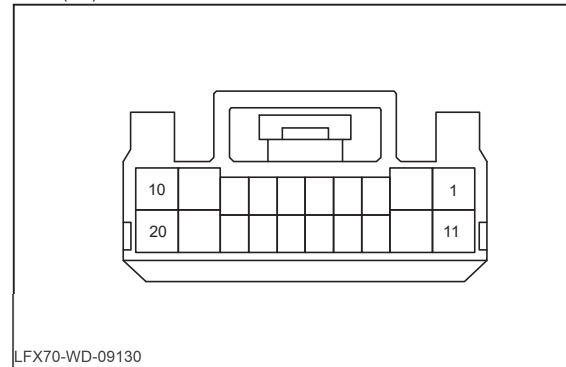


LFX70-WD-09129

I44 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/Y	Signal -
2	0.50 V/R	Signal +

BCM1 (I45)-Black

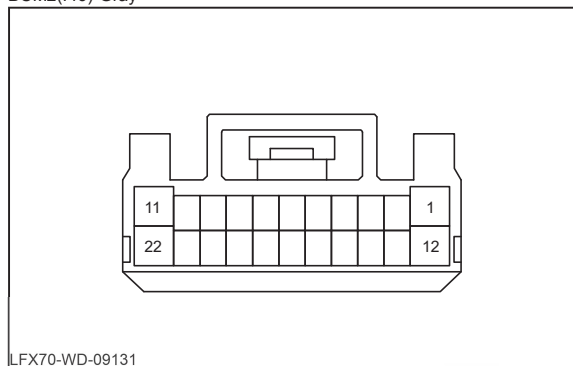


LFX70-WD-09130

I45 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/W	Backlight signal, immobilizer identification coil
2	0.30 V	Signal feedback, ACC
3	0.30 G/BI	Signal, right turn signal lamp
4	0.30 G/W	Signal, overtaking lamp switch
5	0.30 G/Br	Signal, low beam lamp switch
6	0.30 BI	Analog ground, sensor
7	0.50 Br/G	Unlocking signal, tail door
8	0.50 Br/R	Unlocking, LF door
9	0.50 Br/BI	Locking, four doors
10	0.50 Br/Y	Unlocking, three doors
11	0.30 Br/B	Key-in signal
12	0.30 R/BI	Signal feedback, IG1
13	0.30 G/B	Signal, high beam switch
14	0.30 G	Signal, clearance lamp switch
15	-	
16	0.30 Br/O	Collision signal input
17	0.30 W/B	P/N switch signal
18	0.50 R/G	Energy saving output
19	0.85 W	Power supply, lock
20	1.25 B	Ground, central door lock

BCM2(I46)-Gray

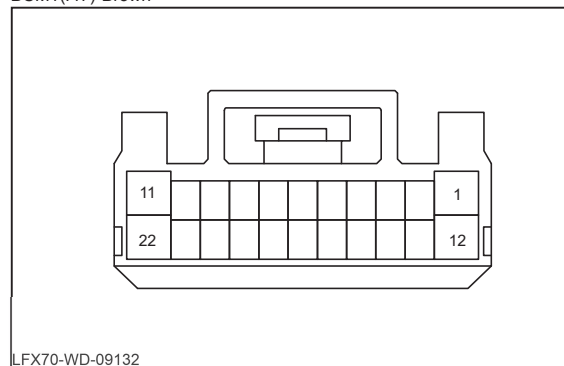


LFX70-WD-09131

I46 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground, LF/RR windows
2	0.50 G/B	Descending signal, RR window regulator motor
3	0.50 G	Ascending signal, RR window regulator motor
4	0.50 Y/W	Ascending signal, LF window regulator motor
5	0.50 Y/R	Descending signal, LF window regulator motor
6	0.30 G/W	Sunroof control signal
7	0.50 Y/BI	Ascending signal, RF window regulator motor
8	0.50 Y/G	Descending signal, RF window regulator motor
9	0.50 Y/V	Descending signal, LR window regulator motor
10	0.50 Y/Br	Ascending signal, LR window regulator motor
11	1.25 B	Ground, RF/LR windows
12	1.25 R/Y	Power supply, LF/RR window regulators
13	0.30 BI/W	Control signal, high beam lamp
14	0.30 BI/Y	Control signal, low beam lamp
15	0.30 BI	Control signal, reversing lamp
16	-	
17	0.30 BI/R	Signal, AUTO lamp switch
18	0.30 BI/W	Signal, rear fog lamp switch
19	0.30 BI/B	Signal, front fog lamp switch
20	0.30 Br/W	Signal, hazard warning lamp switch
21	0.30 G/Y	Signal, left turn signal lamp switch
22	1.25 R/Y	Power supply, RF/LR window regulators

BCM1(I47)-Brown



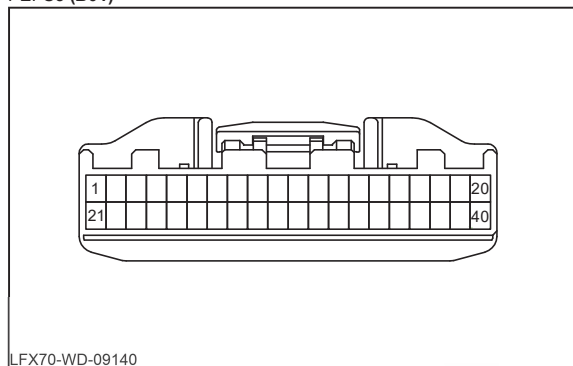
LFX70-WD-09132

I47 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/G	Power supply, controller
2	0.30 BI/B	PCAN-H
3	0.30 Br	Signal +, immobilizer identification coil
4	0.30 Br/Y	Power supply, IMMO indicator
5	0.30 G/BI	Driving output, room lamp
6	0.30 G/Y	Power supply, backlight
7	0.30 BI/G	Power supply, RF turn signal lamp
8	0.30 G/Y	Power supply, LF turn signal lamp
9	0.30 Y/G	Signal output, rearview mirror unfolding
10	0.30 Y/Br	Signal output, rearview mirror folding
11	0.50 Y/W	Power supply, exterior lamp
12	0.85 B	BCM ground
13	0.30 BI/W	PBCAN-L
14	0.30 Br/B	Signal -, immobilizer identification coil
15	0.30 Y/B	Driving signal, RF position lamp
16	0.30 G/W	Driving signal, LF position lamp
17	0.30 G	Driving signal, RF daytime running lamp
18	0.30 G/O	Driving signal, LF daytime running lamp
19	0.30 Br/R	Power supply, sensor
20	0.30 Y	Control signal, right fog lamp
21	0.30 BI/B	Control signal, front fog lamp
22	0.30 P/B	Horn drive output

9.4 Body harness

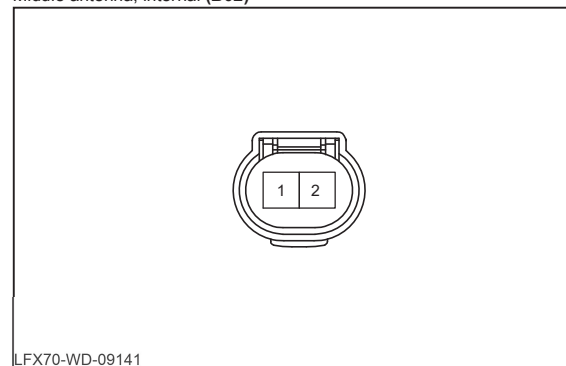
PEPS5 (B01)



B01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Y	Power supply, backlight
2	-	
3	0.50 Y/Gr	Unlocking signal, central control switch
4	0.50 Y/Bl	Driver control -regulating signal, LF window regulator
5	0.50 Y/Br	Driver control -regulating signal, LR window regulator
6	0.50 Y/R	Regulating signal, RF window
7	0.30 G/O	Analog signal, sensor
8	0.30 Y/B	Status signal, trunk
9	0.30 Br	Key locking/locking signal
10	0.30 G/W	Signal input, external rearview mirror unfolding
11	0.30 G/B	Signal input, external rearview mirror folding
12	0.30 B/W	Status signal, LF door
13	0.30 B/R	Status signal, LR door
14	0.50 Y	Locking signal, window
15	-	
16	-	
17	0.30 V/W	Signal +, handle antenna, LF door
18	0.30 Br/R	Signal +, trunk antenna
19	0.30 Br/Y	Signal +, middle antenna, internal
20	0.30 Br	Signal +, rear antenna, internal
21	0.30 Bl/R	Power supply, LR turn signal lamp
22	0.30 Bl/Y	Power supply, RR turn signal lamp
23	-	
24	0.50 Y/G	Driver control -regulating signal, RF window regulator
25	0.50 Y/O	Driver control -regulating signal, RR window regulator
26	0.50 Y/W	Regulating signal, LR window
27	0.50 Y/V	Regulating signal, RR window
28	0.30 G/Bl	Microswitch status signal, tail door
29	0.50 Y/P	Locking signal, central control switch
30	0.30 B/Bl	Status signal, LF door lock
31	-	
32	0.30 B/O	Status signal, RF door
33	0.30 B/G	Status signal, RR door
34	0.30 G	Handle switch signal, LF door
35	0.50 B/Y	Analog ground, window
36	-	
37	0.30 V/G	Signal -, handle antenna, LF door
38	0.30 Br/O	Signal -, trunk antenna
39	0.30 Br/B	Signal -, middle antenna, internal
40	0.30 Br/W	Signal -, rear antenna, internal

Middle antenna, internal (B02)



B02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/B	Signal -
2	0.30 Br/Y	Signal +

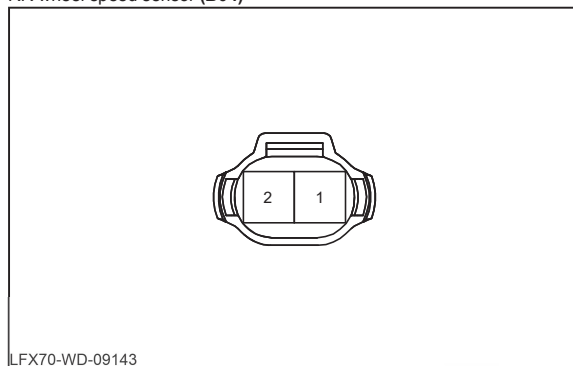
RF courtesy switch (B03)



B03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/O	Status signal

RR wheel speed sensor (B04)

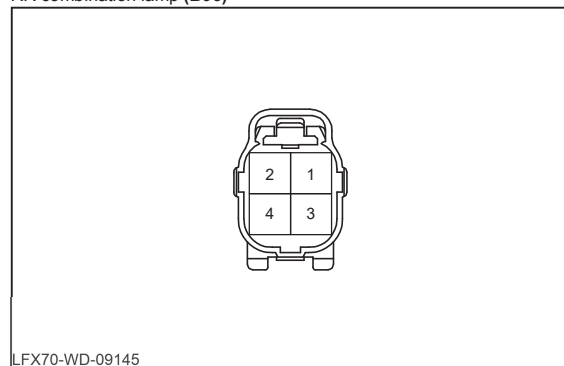


LFX70-WD-09143

B04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/Y	Signal -
2	0.50 Br/W	Signal +

RR combination lamp (B06)



LFX70-WD-09145

B06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl/W	Power supply, brake lamp
2	0.50 B	Ground
3	0.30 G/Y	Position Lamp
4	0.30 Bl/Y	Turn signal lamp power

RR courtesy switch (B05)



LFX70-WD-09144

B05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/R	Status signal

LF courtesy switch (B07)

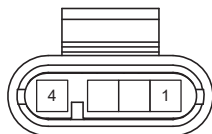


LFX70-WD-09146

B07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/W	Status signal

Fuel pump (B08)



LFX70-WD-09147

B08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground
2	1.25 R/Bl	Power supply
3	0.30 B/Y	Signal ground
4	0.30 Br/W	Signal

LR wheel speed sensor (B10)



LFX70-WD-09149

B10 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/G	Signal -
2	0.50 Br/Bl	Signal +

Rear antenna, internal (B09)



LFX70-WD-09148

B09 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/W	Signal -
2	0.30 Br	Signal +

LR courtesy switch (B11)

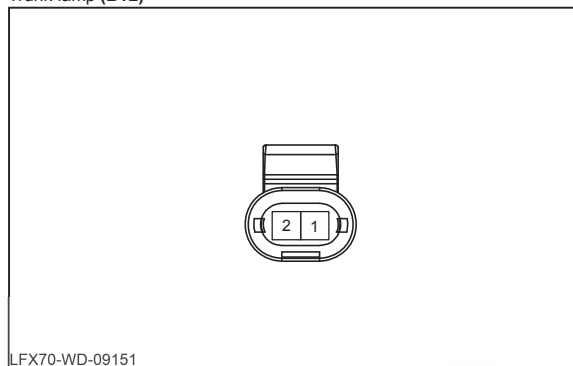


LFX70-WD-09150

B11 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/R	Status signal

Trunk lamp (B12)



B12 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Y/B	Status signal
2	0.30 R/G	Energy saving input

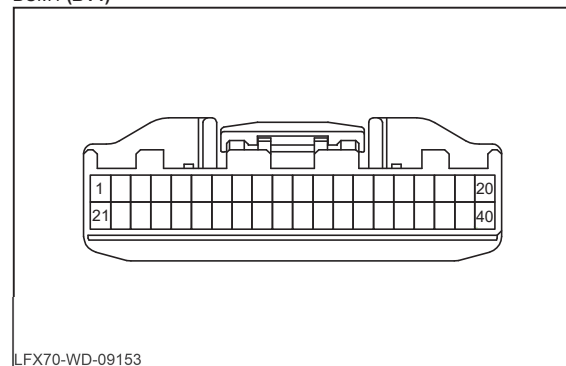
LR combination lamp (B13)



B13 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/W	Power supply, brake lamp
2	0.50 B	Ground
3	0.30 G/Y	Position Lamp
4	0.30 BI/R	Turn signal lamp power

BCM4 (B14)

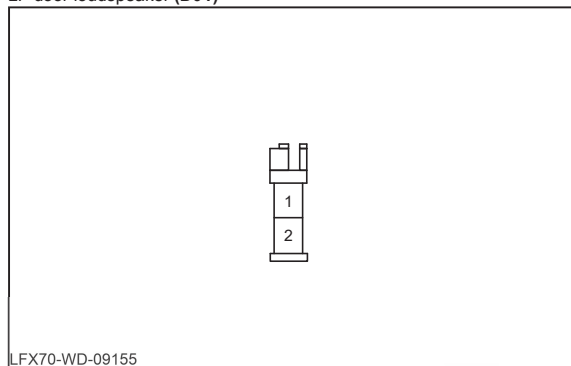


B14 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Y	
2	-	
3	0.50 Y/Gr	Unlocking signal, central control switch
4	0.50 Y/BI	Regulating signal, LF window
5	0.50 Y/Br	Regulating signal, LR window
6	0.50 Y/R	Regulating signal, RF window
7	0.30 G/O	Analog signal, ambient light sensor
8	0.30 Y/B	Status signal, trunk
9	0.30 Br	Unlocking/locking signal, key
10	0.30 G/W	Signal input, external rearview mirror unfolding
11	0.30 G/B	Signal input, external rearview mirror folding
12	0.30 B/W	Status signal, LF door
13	0.30 B/R	Status signal, LR door
14	0.50 Y	Locking signal, window
15	-	
16	-	
17	0.30 V/W	
18	0.30 Br/R	
19	0.30 Br/Y	
20	0.30 Br	
21	0.30 BI/R	Power supply, LR turn signal lamp
22	0.30 BI/Y	Power supply, RR turn signal lamp
23	0.30 G/O	Working indicator, window regulator
24	0.50 Y/G	Regulating signal, RF window
25	0.50 Y/O	Regulating signal, RR window
26	0.50 Y/W	Regulating signal, LR window
27	0.50 Y/V	Regulating signal, RR window
28	0.30 G/BI	Microswitch status signal, tail door
29	0.50 Y/P	Locking signal, central control switch
30	0.30 Br	
31	-	
32	0.30 B/O	Status signal, RF door
33	0.30 B/G	Status signal, RR door
34	0.30 G	
35	0.50 B/Y	Analog ground, window
36	-	
37	0.30 V/G	
38	0.30 Br/O	
39	0.30 Br/B	
40	0.30 Br/W	

9.5 LF door harness

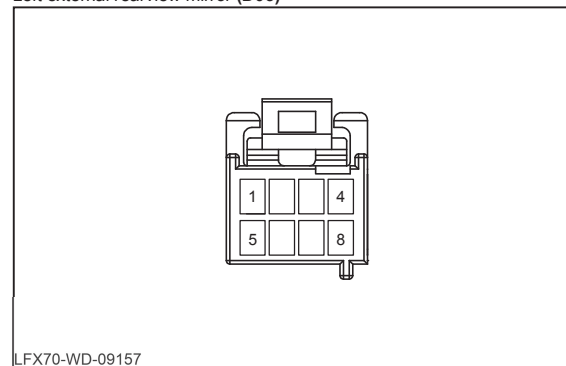
LF door loudspeaker (D01)



D01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/O	Signal -
2	0.50 V/P	Signal +

Left external rearview mirror (D03)



D03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Gr	Power supply, rear defroster
2	0.30 P/G	Up/down adjustment signal
3	0.30 Y/Br	Folding signal,
4	0.50 R/W	Common harness
5	0.30 G/Y	Turn signal lamp power
6	0.30 P/W	Left/right adjustment signal
7	0.30 Y/G	Unfolding signal
8	0.50 B	Ground

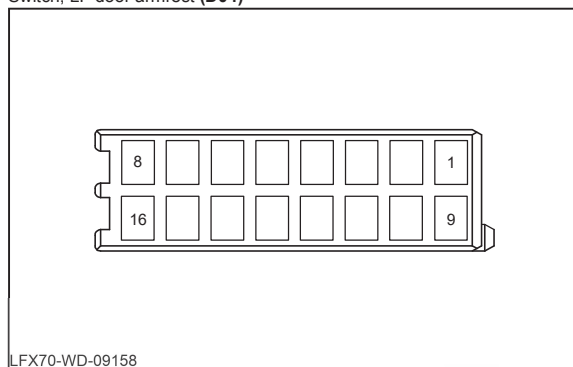
Window regulator motor, LF door (D02)



D02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/R	Descending signal
2	0.50 Y/W	Ascending signal

Switch, LF door armrest (D04)

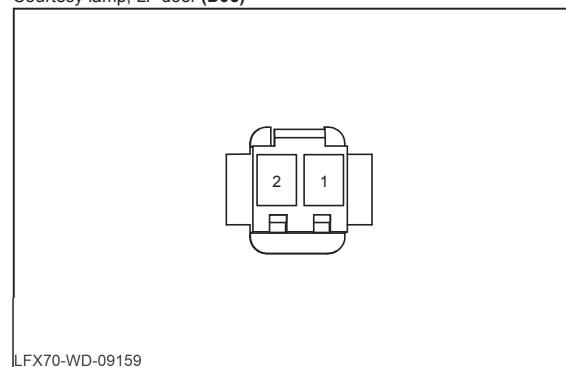


LFX70-WD-09158

D04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/P	Unlocking signal, central control switch
2	0.50 Y/Gr	Locking signal, central control switch
3	0.50 Y/O	Regulating signal, RR window
4	0.50 Y/Br	Regulating signal, LR window
5	0.50 Y/G	Regulating signal, RF window
6	0.50 Y/Bl	Regulating signal, LF window
7	0.50 Y	Locking signal, window
8	0.50 Y/B	Analog ground, window
9	0.50 G/O	Working indicator, window regulator switch
10	-	-
11	0.50 Y/B	Analog ground, window
12	0.50 B	Ground
13	0.30 G/Y	Power supply, backlight
14	-	-
15	-	-
16	-	-

Courtesy lamp, LF door (D05)

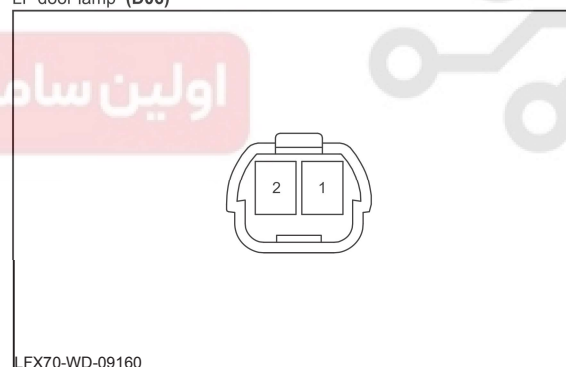


LFX70-WD-09159

D05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/G	Energy saving input
2	0.30 B/W	Status signal

LF door lamp (D06)

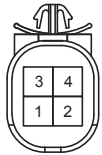


LFX70-WD-09160

D06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/W	Status signal
2	0.30 R/G	Energy saving input

Handle antenna, LF door (D07)

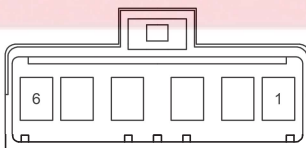


LFX70-WD-09161

D07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G	Door handle switch signal
2	0.30 B	Ground
3	0.30 V/W	Signal +
4	0.30 V/G	Signal -

Lock, LF door (D08)



LFX70-WD-09162

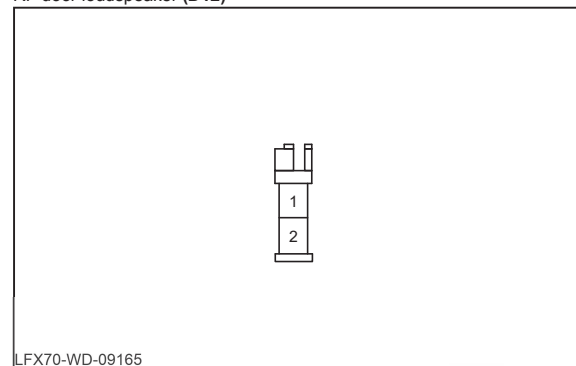
D08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.50 Br/Bl	Locking, four doors
4	0.50 Br/R	Unlocking, LF door
5	0.50 B	Ground
6	0.30 Br	Unlocking/locking signal, key



9.6 RF door harness

RF door loudspeaker (D12)

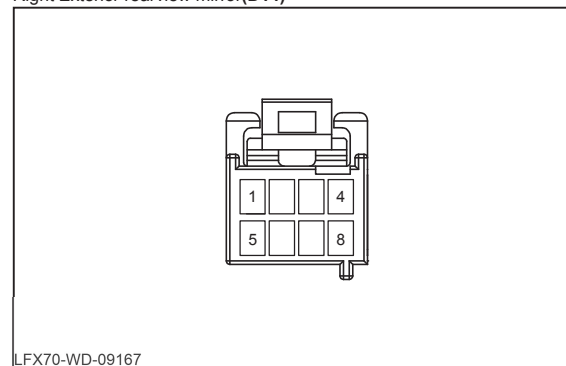


LFX70-WD-09165

D12 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/R	Signal -
2	0.50 V/Y	Signal +

Right Exterior rearview mirror(D14)



LFX70-WD-09167

D14 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Gr	Power supply, rear defroster
2	0.30 Y/W	Up/down adjustment signal
3	0.30 Y/Br	Folding signal,
4	0.50 R/W	Common harness
5	0.30 Bl/G	Turn signal lamp power
6	0.30 Bl/W	Left/right adjustment signal
7	0.30 Y/G	Unfolding signal
8	0.50 B	Ground

Window regulator motor, RF door (D13)

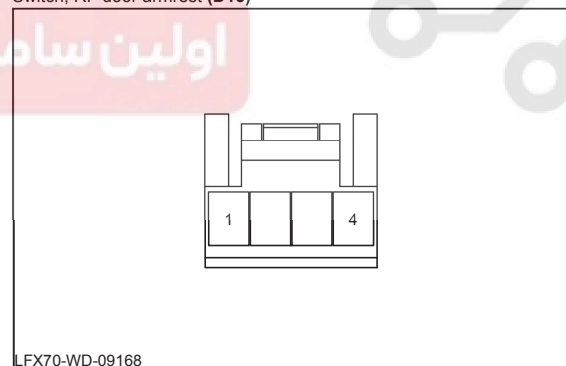


LFX70-WD-09166

D13 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/G	Descending signal
2	0.50 Y/Bl	Ascending signal

Switch, RF door armrest (D15)



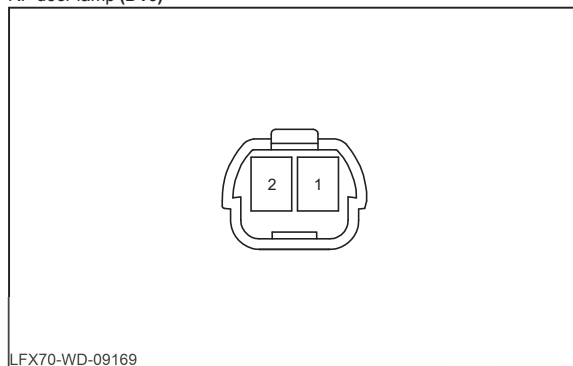
LFX70-WD-09168

D15 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/B	Analog ground, window
2	0.50 Y/R	Signal, window regulator
3	0.50 B	Ground
4	0.30 G/Y	Power supply, backlight

9.7 LR door harness

RF door lamp (D16)

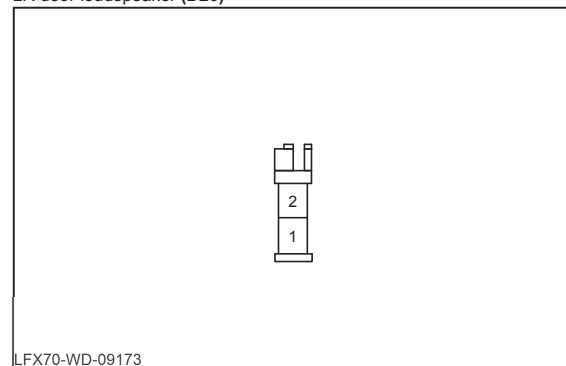


LFX70-WD-09169

D16 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/O	Status signal
2	0.30 R	Energy saving input

LR door loudspeaker (D20)

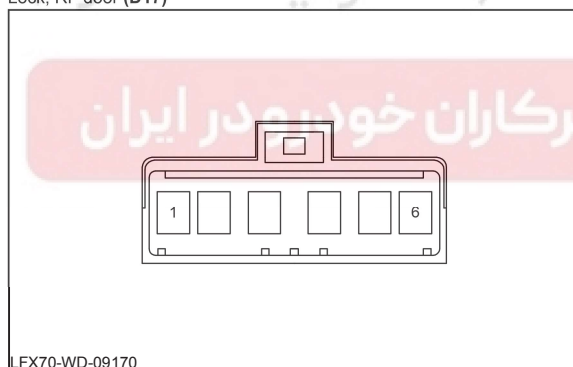


LFX70-WD-09173

D20 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/G	Signal -
2	0.50 V/BI	Signal +

Lock, RF door (D17)



LFX70-WD-09170

D17 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.50 Br/BI	Locking signal
4	0.50 Br/Y	Unlocking signal
5	-	
6	-	

Window regulator motor, LR door (D21)



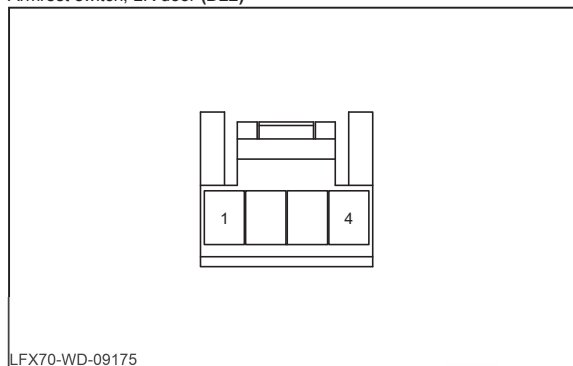
LFX70-WD-09174

D21 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 Y/V	Ascending signal
2	0.85 Y/Br	Descending signal

9.8 RR door harness

Armrest switch, LR door (D22)

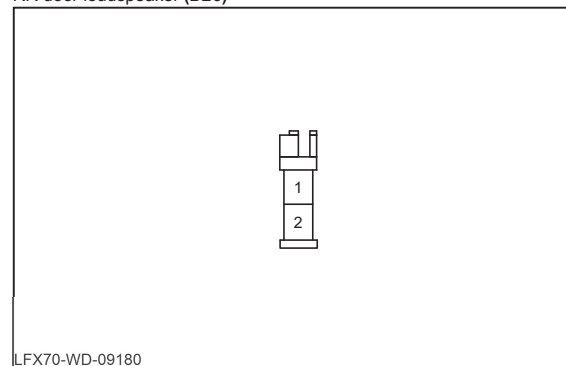


LFX70-WD-09175

D22 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/B	Analog ground, window
2	0.50 Y/W	Signal, window regulator
3	0.50 B	Ground
4	0.30 G/Y	Power supply, backlight

RR door loudspeaker (D26)



LFX70-WD-09180

D26 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/W	Signal -
2	0.50 V/B	Signal +

LR door lock (D23)



LFX70-WD-09176

D23 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.50 Br/Y	Unlocking signal
4	0.50 Br/BI	Locking signal
5	-	
6	-	

Window regulator motor, RR door (D27)



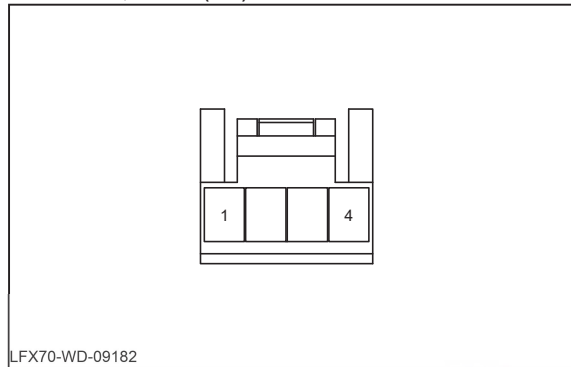
LFX70-WD-09181

D27 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 G/B	Ascending signal
2	0.50 G	Descending signal

9.9 Airbag harness

Armrest switch, RR door (D28)

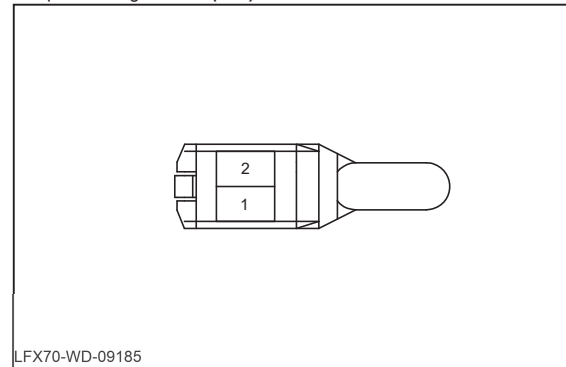


LFX70-WD-09182

D28 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/B	Analog ground, window
2	0.50 Y/V	Signal, window regulator
3	0.50 B	Ground
4	0.30 G/Y	Power supply, backlight

Left pre-warning seat belt(S01)



LFX70-WD-09185

S01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 G/BI	Driving signal low
2	0.50 B/BI	Driving signal high

RR door lock (D29)



LFX70-WD-09183

D29 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	-	
3	0.50 Br/BI	Locking signal
4	0.50 Br/Y	Unlocking signal
5	-	
6	-	

Seat belt switch, driver's side (S02)

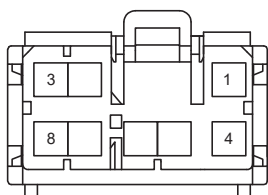


LFX70-WD-09186

S02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 O/W	Signal

Heating, driver seat (S03)

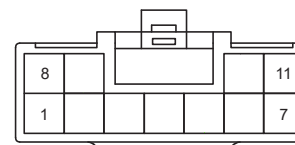


LFX70-WD-09187

S03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R	Power supply
2	0.85 B	Ground
3	0.85 R/B	Power supply
4	0.30 G	Switch signal, driver seat
5	0.30 G/R	Low-temperature heating signal, driver seat
6	0.30 G/W	High-temperature heating signal, driver seat
7	-	
8	-	

CVT gear selector (S05)

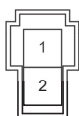


LFX70-WD-09188

S05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/W	Power supply
2	0.30 W/G	Solenoid valve locking, P position
3	-	
4	-	
5	0.30 P/G	Snow mode switch
6	0.30 O/G	Downshift switch
7	0.30 P/W	Manual/sports mode switch
8	0.30 O/W	Upshift switch
9	0.30 G/B	Power supply, backlight
10	0.30 B	Ground
11	-	

Driver's power seat (S04)

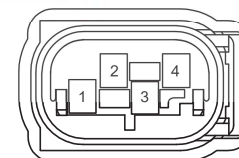


LFX70-WD-09188

S04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground
2	1.25 R/G	Power supply

Yaw rate sensor (S06)

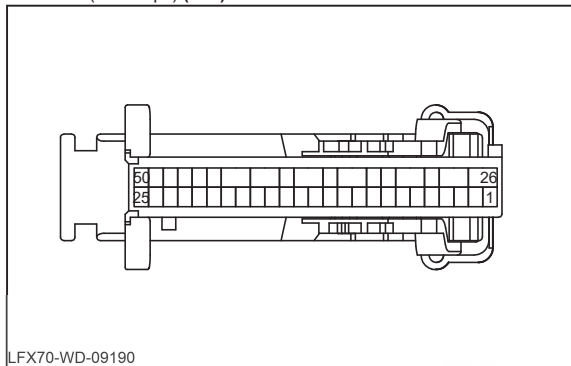


LFX70-WD-09189

S06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 O/W	Signal -
3	0.30 O/B	Signal +
4	0.30 R/W	Power supply

SRS ECU (four loops) (S07)



S07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 G/Bl	Driving signal low, left pre-warning seat belt
2	0.50 B/Bl	Driving signal high, left pre-warning seat belt
3	0.50 Br	Driving signal high, right pre-warning seat belt
4	0.50 Bl	Driving signal low, right pre-warning seat belt
5	0.50 R/Y	Power supply
6	0.50 B	Ground
7	-	
8	-	
9	-	
10	0.50 Br	Driving signal high, driver's airbag
11	0.50 V	Driving signal low, driver's airbag
12	-	
13	0.50 W	Driving signal low, front passenger's airbag
14	0.50 P	Driving signal high, front passenger's airbag
15	0.30 Bl/B	PCAN-H
16	-	
17	-	
18	-	
19	-	
20	-	
21	-	
22	-	
23	-	
24	-	
25	-	
26	-	
27	-	
28	-	
29	-	
30	-	
31	-	
32	-	
33	-	
34	0.30 Br/O	Collision signal output
35	-	
36	-	
37	-	
38	-	
39	-	
40	0.30 Bl/W	PCAN-L

Pin No.	Wire diameter/color	Function
41	-	
42	-	
43	-	
44	-	
45	-	
46	-	
47	-	
48	-	
49	-	
50	-	

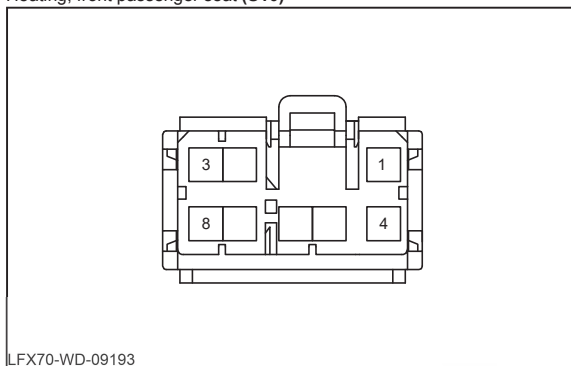
Parking brake switch (S08)



S08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br	Signal

Heating, front passenger seat (S10)

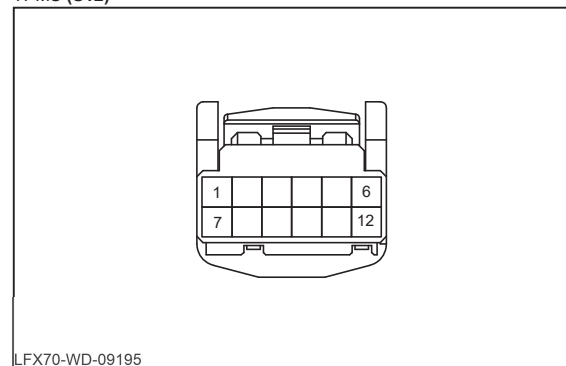


LFX70-WD-09193

S10 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R	Power supply
2	0.85 B	Ground
3	0.85 R/B	Power supply
4	0.30 Y	Switch signal, driver seat
5	0.30 Y/Br	Low-temperature heating signal, driver seat
6	0.30 Y/W	High-temperature heating signal, driver seat
7	-	
8	-	

TPMS (S12)

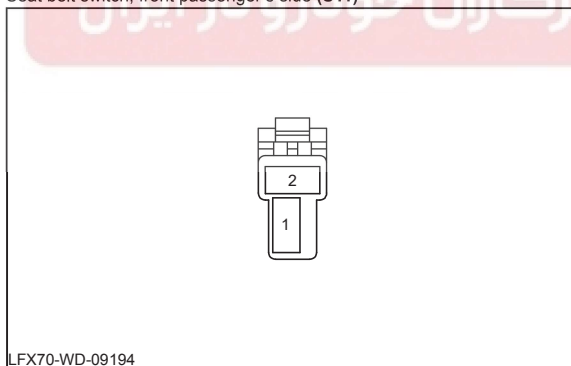


LFX70-WD-09195

S12 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 BI/B	PCAN-H
2	0.30 BI/W	PCAN-L
3	-	
4	-	
5	-	
6	0.30 R/BI	IG power supply
7	-	
8	-	
9	0.30 B	Signal ground
10	0.30 B	Power supply ground
11	-	
12	0.30 R/W	Power supply, battery

Seat belt switch, front passenger's side (S11)



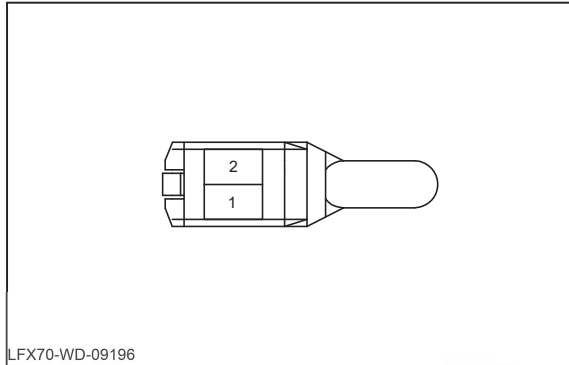
LFX70-WD-09194

S11 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B	Ground
2	0.30 O/G	Signal

9.10 Roof harness

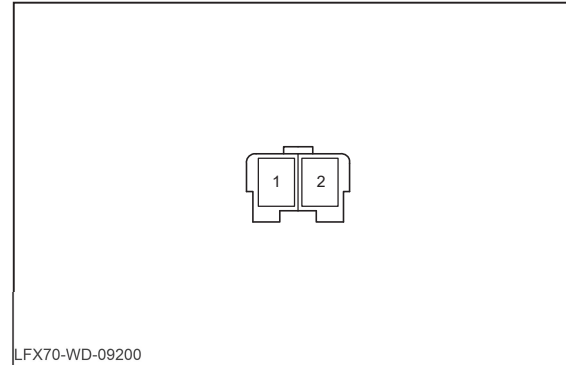
Right pre-warning seat belt(S13)



S13 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl	Driving signal high
2	0.50 Br	Driving signal low

Left Make-up mirror lamp (R01)



R01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/G	Power supply
2	0.30 B	Ground

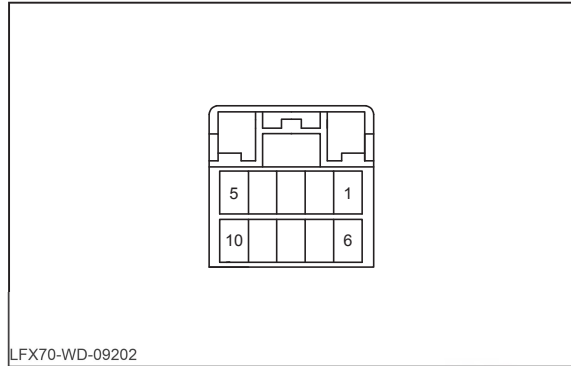
Right make-up mirror lamp (R02)



R02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/G	Power supply
2	0.30 B	Ground

Sunroof motor (R03)

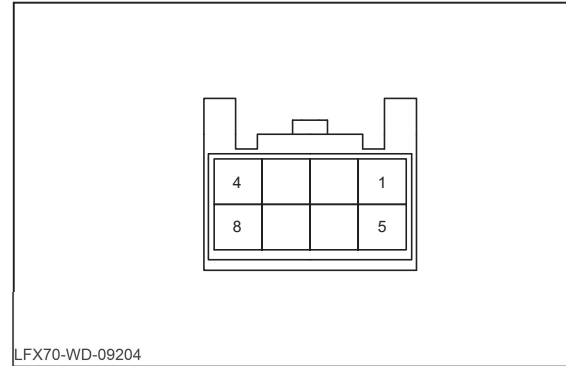


LFX70-WD-09202

R03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	1.25 B	Ground
2	1.25 B	Ground
3	0.50 R/Y	IG power supply
4	-	
5	0.30 W	Opening signal, sunroof
6	2.00 R	Power supply, battery
7	-	
8	-	
9	0.30 G/W	Sunroof control signal
10	0.30 Y	Closing signal, sunroof

Front roof lamp (R06)



LFX70-WD-09204

R06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/BI	Driving input, room lamp
2	0.30 B	Ground
3	0.30 W	Closing signal, sunroof
4	0.30 B	Ground
5	0.30 R/G	Energy saving input
6	-	
7	-	
8	0.30 Y	Opening signal, sunroof

Microphone (R04)



LFX70-WD-09203

R04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/G	MIC -
2	0.50 V/B	MIC +

Antenna 1/2 (R08)



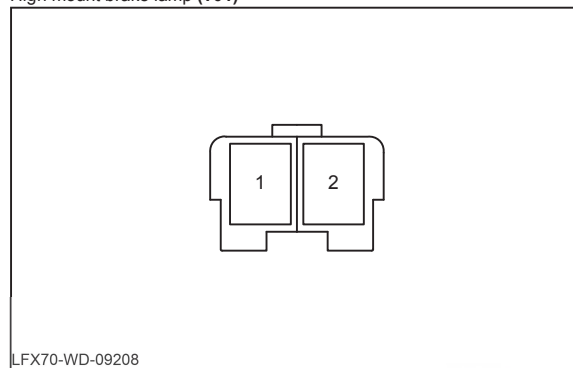
LFX70-WD-09206

R08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R/W	Signal

9.11 Tail door harness

High mount brake lamp (T01)

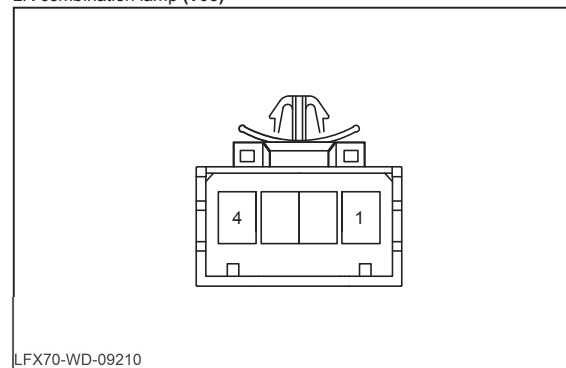


LFX70-WD-09208

T01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI/W	Power supply
2	0.50 B	Ground

LR combination lamp (T03)



LFX70-WD-09210

T03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI	Power supply, fog lamp
2	0.50 BI/W	Power supply, brake lamp
3	0.50 G/Y	Power supply, position lamp
4	0.50 B	Ground

Rear defroster (T02)

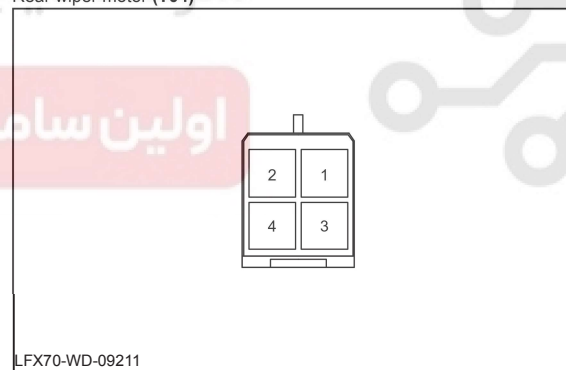


LFX70-WD-09209

T02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 Gr	Power supply

Rear wiper motor (T04)

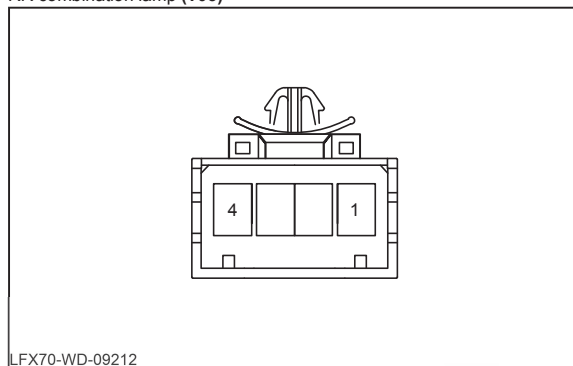


LFX70-WD-09211

T04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	1.25 R/G	Power supply
3	0.50 P	Reset power supply
4	1.25 B	Ground

RR combination lamp (T05)

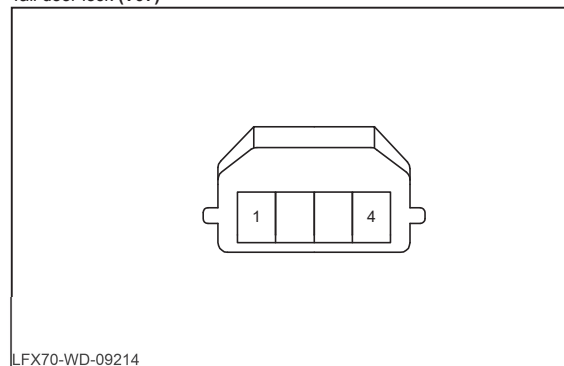


LFX70-WD-09212

T05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 BI	Power supply, fog lamp
2	0.50 BI/W	Power supply, brake lamp
3	0.50 G/Y	Power supply, position lamp
4	0.50 B	Ground

Tail door lock (T07)



LFX70-WD-09214

T07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 B	Ground
2	0.30 Y/B	Status signal
3	0.50 B	Ground
4	0.50 Br/G	Unlocking signal

LR license plate lamp (T06)

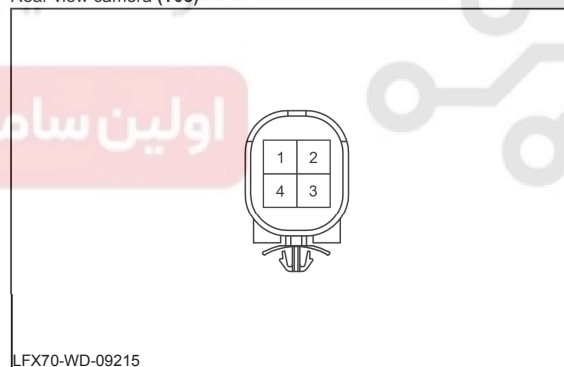


LFX70-WD-09213

T06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Y	Power supply
2	0.30 B	Ground

Rear view camera (T08)



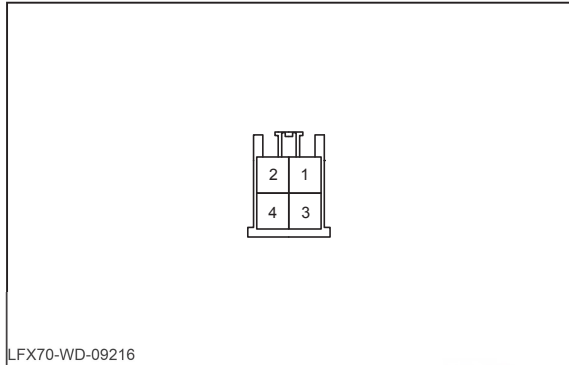
LFX70-WD-09215

T08 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/G	Signal +
2	0.30 Br	Signal -
3	0.50 B	Ground
4	0.50 R/BI	Power supply

9.12 Rear bumper harness

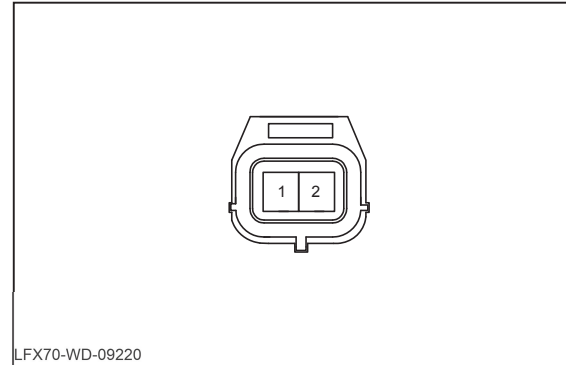
Inching switch, trunk (T09)



T09 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Bl	Status signal
2	-	
3	0.30 B	Ground
4	-	

LR fog lamp (M01)



M01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl/Y	Power supply
2	0.50 B	Ground

RR license plate lamp (T10)



T10 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Y	Power supply
2	0.30 B	Ground

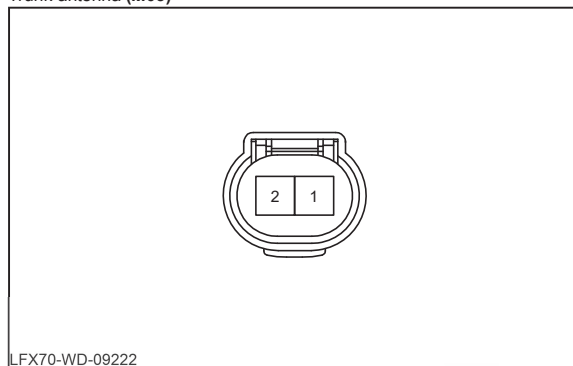
LR anti-collision radar (M02)



M02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Y/W	Power supply
2	0.50 W/O	Signal
3	0.30 Y/W	Power supply
4	0.30 B	Ground

Trunk antenna (M03)

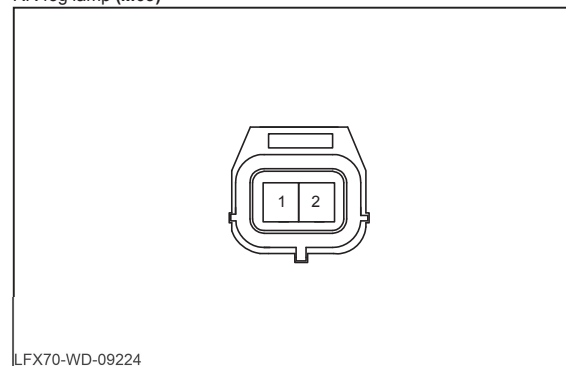


LFX70-WD-09222

M03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Br/O	Signal -
2	0.30 Br/R	Signal +

RR fog lamp (M05)



LFX70-WD-09224

M05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl/Y	Power supply
2	0.50 B	Ground

RR anti-collision radar (M04)



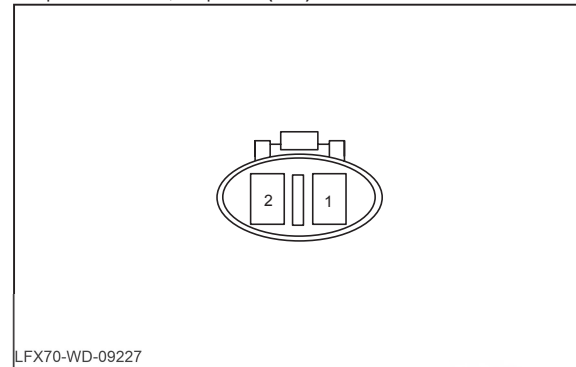
LFX70-WD-09223

M04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Y/W	Power supply
2	0.30 W/O	Signal
3	0.30 W/O	Signal
4	0.30 B	Ground

9.13 A/C harness

Temperature sensor, evaporator (A01)

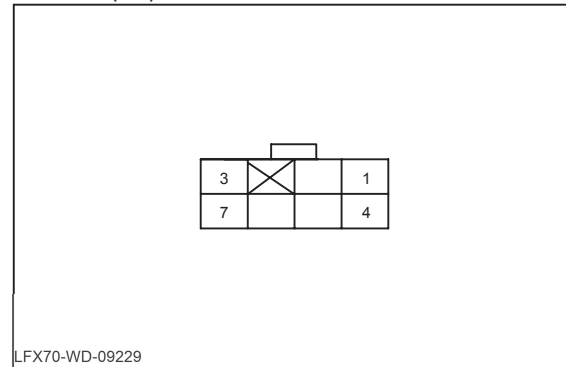


LFX70-WD-09227

A01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 B/W	Sensor ground
2	0.30 Br	Signal

Mode motor (A03)

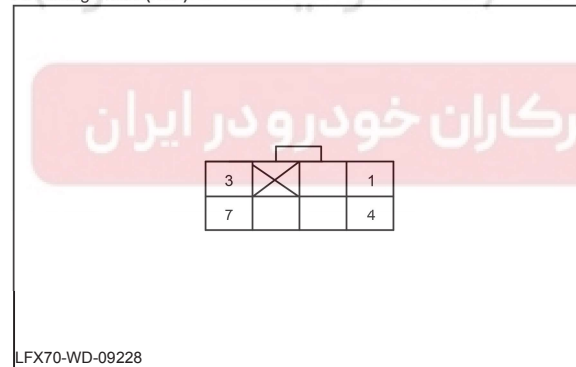


LFX70-WD-09229

A03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	0.30 BI/W	5V power supply
3	0.30 B/W	Sensor ground
4	-	
5	0.30 Gr/R	Clockwise/counterclockwise driving signal 1
6	0.30 R/G	Position feedback signal
7	0.30 R/B	Clockwise/counterclockwise driving signal 2

Air mixing motor (A02)

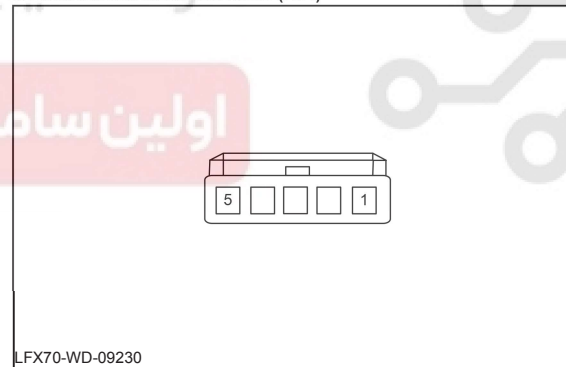


LFX70-WD-09228

A02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	-	
2	0.30 BI/W	5V power supply
3	0.30 B/W	Sensor ground
4	-	
5	0.30 Br/R	Clockwise/counterclockwise driving signal 2
6	0.30 R/Y	Position feedback signal
7	0.30 BI/Y	Clockwise/counterclockwise driving signal 1

Internal/external circulation motor (A04)

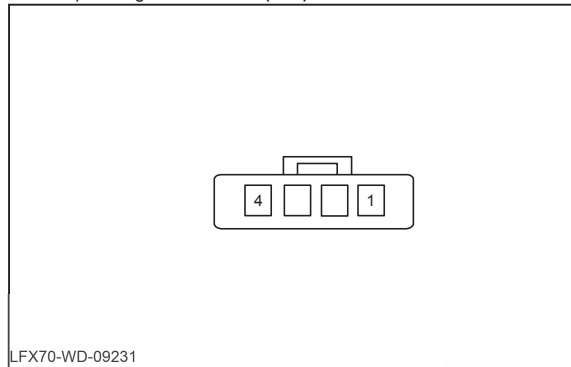


LFX70-WD-09230

A04 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 Gr/BI	Internal circulation driving signal
2	0.30 W/B	External circulation driving signal
3	-	
4	-	
5	0.30 R/Y	Power supply

Blower speed regulation module (A05)



LFX70-WD-09231

A05 Terminal Definition

Pin No.	Wire diameter/color	Function
1	3.00 B	Ground
2	0.30 Gr/B	Control signal
3	0.30 Y/R	Feedback signal
4	3.00 B	Ground

Blower (A06)

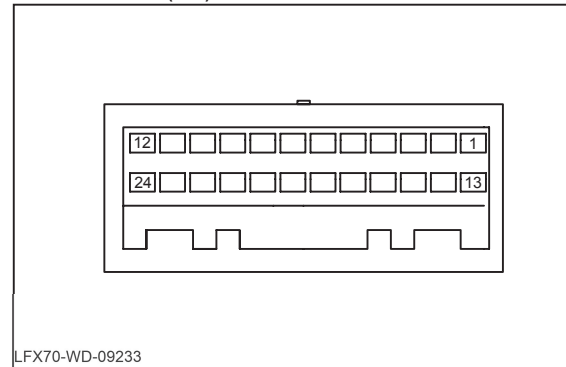


LFX70-WD-09232

A06 Terminal Definition

Pin No.	Wire diameter/color	Function
1	3.00 Y	Power supply +
2	3.00 B	Power supply -

A/C control module (A07)



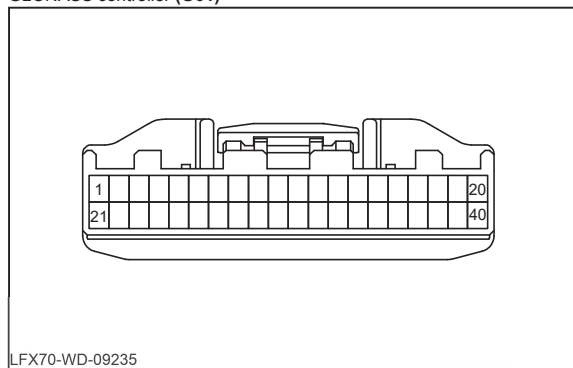
LFX70-WD-09233

A07 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/Y	IG power supply
2	0.30 W/B	External circulation driving signal, internal /external circulation actuator
3	0.30 Gr/Bl	Internal circulation driving signal, internal /external circulation actuator
4	0.30 B/W	Sensor ground
5	0.30 Bl/W	5V power supply
6	0.30 R/B	Clockwise/counterclockwise driving signal 2, mode motor
7	0.30 Gr/R	Clockwise/counterclockwise driving signal 1, mode motor
8	0.30 G/Y	Power supply, backlight
9	0.30 Gr/W	A/C signal
10	0.30 Gr/B	Control signal, blower speed regulating resistor
11	0.30 Y/R	Feedback signal, blower speed regulating resistor
12	-	
13	0.30 Bl/Y	Clockwise/counterclockwise driving signal 1, cooling/heating actuator
14	0.30 Br/R	Clockwise/counterclockwise driving signal 2, cooling/heating actuator
15	0.30 Gr/Y	Rear defrost control signal
16	0.30 R/Y	Position feedback signal, cooling/heating actuator
17	0.30 R/G	Position feedback signal, mode motor
18	0.30 Br	Evaporator temperature sensor signal
19	-	
20	-	
21	-	
22	-	
23	0.30 G/Y	Backlight ground
24	0.30 Bl/B	Ground

9.15 GLONASS harness (for oversea version only)

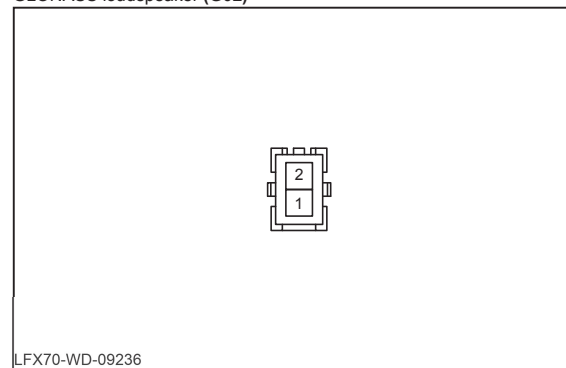
GLONASS controller (G01)



G01 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R	Battery power supply
2	0.30 R/BI	IG power supply
3	0.30 V/W	MP5 mute signal
4	0.30 Y	LED-Green
5	0.30 V	LED-Red
6	0.30 BI/B	PCAN-H
7	0.30 BI/W	PCAN-L
8	-	
9	-	
10	-	
11	-	
12	-	
13	-	
14	0.50 Br	Loudspeaker signal +
15	0.50 G	Loudspeaker signal -
16	0.30 P	MIC-
17	0.30 O	MIC+
18	0.30 R	Backlight
19	0.30 B	GND
20	-	
21	-	
22	0.30 G/Y	Power supply, backlight
23	-	
24	-	
25	-	
26	-	
27	-	
28	0.50 B	Ground
29	-	
30	-	
31	-	
32	-	
33	-	
34	0.30 Br	SERV Button
35	-	
36	0.30 Br/O	Collision signal input
37	0.30 G	SOS button
38	0.30 BI	Dout-1
39	0.30 W	Dout-2
40	-	

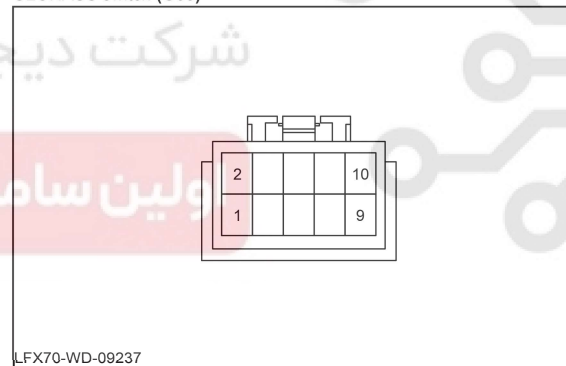
GLONASS loudspeaker (G02)



G02 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br	Signal +
2	0.50 G	Signal -

GLONASS switch (G03)

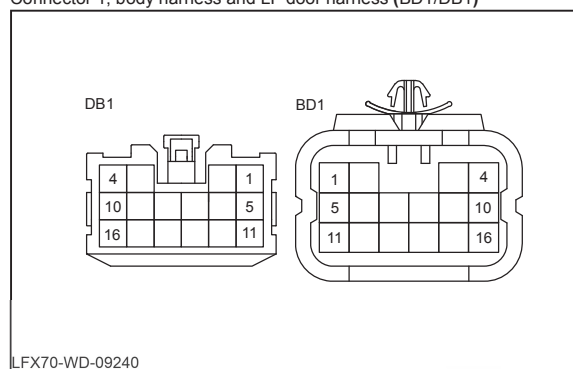


G03 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 W	Dout-1
2	0.30 BI	Dout-2
3	0.30 G	SOS 按钮
4	0.30 Br	SERV Button
5	0.30 V	LED-Red
6	0.30 Y	LED-Green
7	0.30 R	Backlight
8	0.30 P	MIC-
9	0.30 B	GND
10	0.30 O	MIC+

9.16 Connector

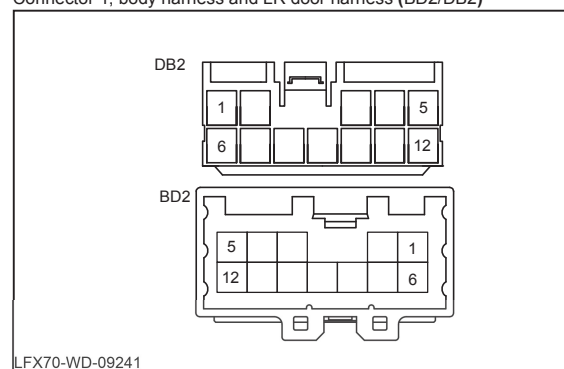
Connector 1, body harness and LF door harness (BD1/DB1)



BD1/DB1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 G/Y	Power supply, backlight
2	0.50 Y/Gr	Unlocking signal, central control switch
3	0.50 Y/Bl	Regulating signal, LF window
4	0.50 Y/Br	Regulating signal, LR window
5	0.30 Br	Unlocking/locking signal, key
6	0.30 B/W	Status signal, LF door
7	0.50 Y	Locking signal, window
8	-	
9	0.30 V/W	Signal +, handle antenna, LF door
10	0.50 Y/G	Regulating signal, RF window
11	0.50 Y/O	Regulating signal, RR window
12	0.50 Y/P	Locking signal, central control switch
13	0.30 G	Handle switch signal, LF door
14	-	
15	0.30 V/G	Signal -, handle antenna, LF door
16	0.50 Y/B	Analog ground, window

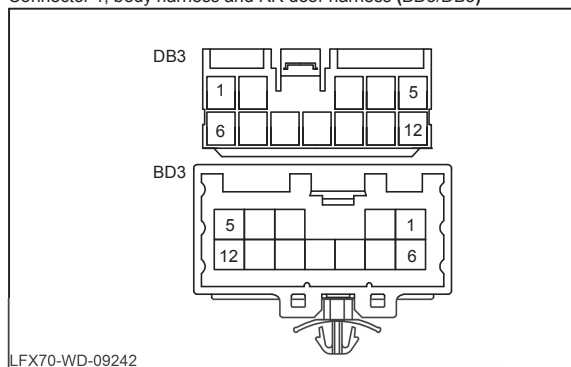
Connector 1, body harness and LR door harness (BD2/DB2)



BD2/DB2 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/G	Signal -, LR door loudspeaker
2	0.50 V/Bl	Signal +, LR door loudspeaker
3	-	
4	0.30 G/Y	Power supply, backlight
5	-	
6	0.50 Y/Br	Ascending signal, LR window regulator motor
7	0.50 Y/V	Descending signal, LR window regulator motor
8	0.50 Y/W	Regulating signal, LR window
9	0.50 Y/B	Analog ground, window
10	0.50 B	Ground
11	0.50 Br/Bl	Locking signal, four doors
12	0.50 Br/Y	Unlocking signal, three doors

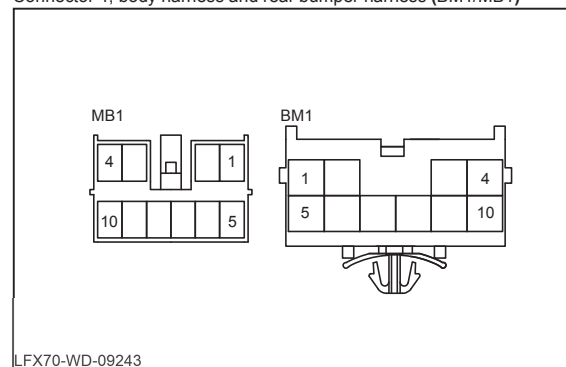
Connector 1, body harness and RR door harness (BD3/DB3)



BD3/DB3 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 V/W	Signal -, LR door loudspeaker
2	0.50 V/B	Signal +, LR door loudspeaker
3	-	
4	0.30 G/Y	Power supply, backlight
5	-	
6	0.50 G/B	Descending signal, RR window regulator motor
7	0.50 G	Ascending signal, RR window regulator motor
8	0.50 Y/V	Regulating signal, RR window
9	0.50 Y/B	Analog ground, window
10	0.50 B	Ground
11	0.50 Br/BI	Locking signal, four doors
12	0.50 Br/Y	Unlocking signal, three doors

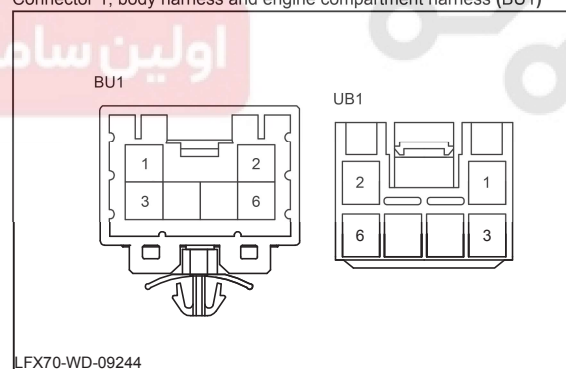
Connector 1, body harness and rear bumper harness (BM1/MB1)



BM1/MB1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 B	Ground
2	0.50 W/O	Reversing radar signal
3	-	
4	0.50 BI/Y	Power supply, rear fog lamp
5	0.50 Y/W	Power supply
6	-	
7	-	
8	-	
9	0.30 Br/O	Signal +, trunk antenna
10	0.30 Br/R	Signal -, trunk antenna

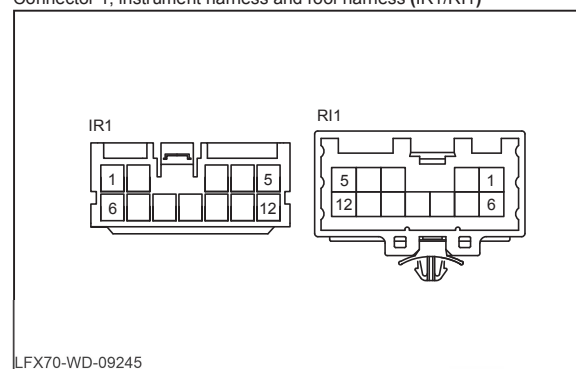
Connector 1, body harness and engine compartment harness (BU1)



BU1/UB1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Br/P	LR wheel speed sensor signal +
2	0.50 Br/W	RR wheel speed sensor signal +
3	0.50 Br/G	LR wheel speed sensor signal -
4	0.50 BI	Power supply, reversing lamp
5	1.25 R/B	Power supply, oil pump driving
6	0.50 Br/Y	RR wheel speed sensor signal -

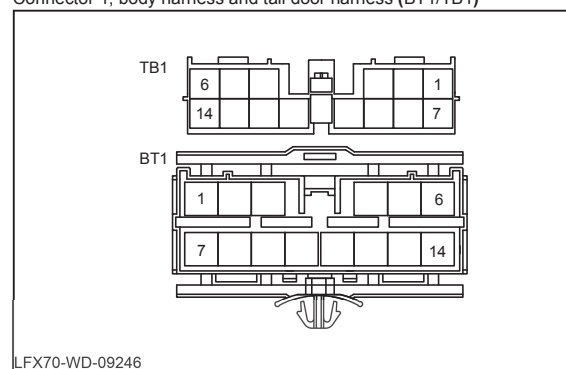
Connector 1, instrument harness and roof harness (IR1/R11)



IR1/R11 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R/B(0.30 R/G)	Energy saving output(MT model)
1	1.25 R/G	Energy saving output(CVT model)
2	0.30 G/Bl	Driving signal, room lamp
3	2.00 R	Sunroof power supply
4	0.30 G/W	Sunroof control signal
5	0.30 R/W	Signal, antenna amplifier
6	0.50 V/B	MIC +
7	0.50 V/G	MIC -
8	-	
9	-	
10	0.50 R/Y	Power supply
11	-	
12	2.00 B	Ground
13		

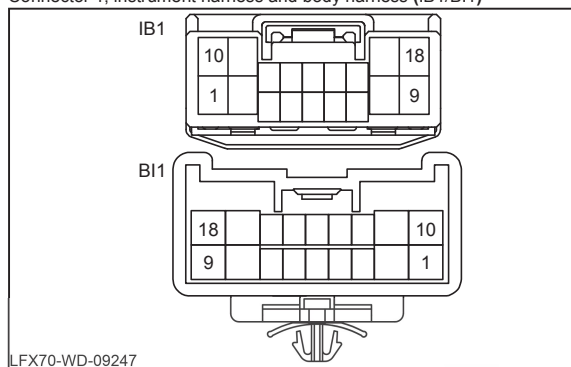
Connector 1, body harness and tail door harness (BT1/TB1)



BT1/TB1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Bl	Power supply, reversing lamp
2	1.25 B	Ground
3	0.50 Bl/W	Power supply, brake lamp
4	0.50 G/Y	Power supply, backlight
5	2.00 Gr	Power supply, rear defroster
6	0.30 Br	Signal -, rear view camera
7	0.50 P	Power supply, rear wiper motor
8	-	
9	1.25 R/G	Power supply
10	0.50 R/Bl	Power supply
11	0.30 G/Bl	Microswitch status signal, tail door
12	0.30 Y/B	Status signal, trunk
13	0.50 Br/G	Unlocking signal, tail door
14	0.30 B/G	Signal +, rear view camera

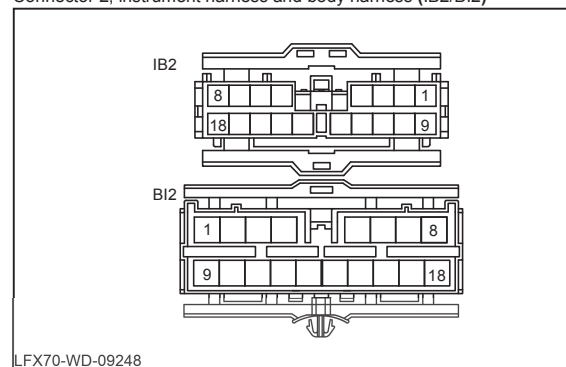
Connector 1, instrument harness and body harness (IB1/BI1)



IB1/BI1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 Gr	Power supply, rear defroster
2	0.50 Y/V	Descending signal, LR window regulator motor
3	0.30 Br	Signal -, rear view camera
4	0.30 B/G	Signal +, rear view camera
5	0.50 R/BI	Power supply
6	0.30 G/O	Analog signal, ambient light sensor
7	0.30 R/G	Energy saving output
8	0.50 G/B	Descending signal, RR window regulator motor
9	-	
10	0.50 Y/Br	Ascending signal, LR window regulator motor
11	-	
12	0.30 G/B	Signal, external rearview mirror folding
13	0.30 G/W	Signal, external rearview mirror unfolding
14	0.30 Br/W	Fuel level signal
15	0.30 B/Y	Fuel level signal ground
16	0.30 R/BI	Status signal, RF door
17	-	
18	0.50 G	Ascending signal, RR window regulator motor

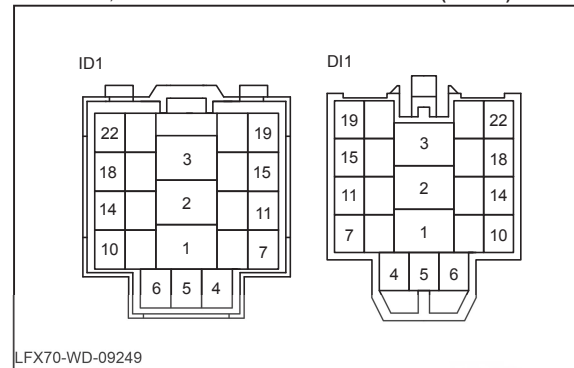
Connector 2, instrument harness and body harness (IB2/BI2)



IB2/BI2 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P	Power supply, rear wiper motor
2	-	
3	0.50 Y/R	Regulating signal, RF window
4	0.50 Y/B	Analog ground, window
5	0.50 V/B	Signal +, RR door loudspeaker
6	0.50 V/W	Signal -, RR door loudspeaker
7	0.50 V/BI	Signal +, LR door loudspeaker
8	0.50 V/G	Signal -, LR door loudspeaker
9	0.50 Y/W	Power supply
10	0.50 G/Y	Power supply, backlight
11	0.50 Br/G	Unlocking signal, tail door
12	0.50 BI/Y	Power supply, rear fog lamp
13	0.50 BI/W	Power supply, brake lamp
14	0.50 W/O	Reversing radar signal
15	0.50 G/O	Working indicator, window regulator
16	0.50 Br/Y	Unlocking signal, three doors
17	0.50 Br/BI	Locking signal, four doors
18	1.25 R/G	Power supply

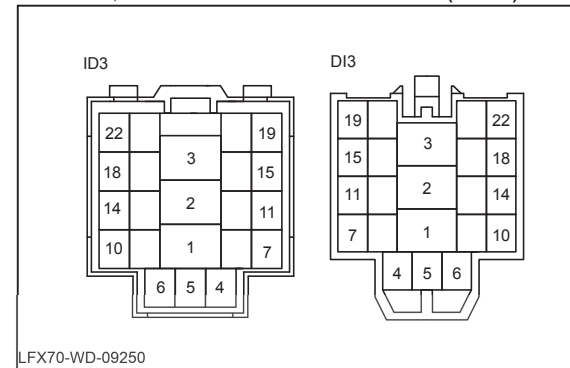
Connector 1, instrument harness and LF door harness (ID1/DI1)



ID1/DI1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/W	Ascending signal, LF window regulator motor
2	0.50 Y/R	Descending signal, LF window regulator motor
3	-	
4	-	
5	0.50 V/O	Signal +, LF door loudspeaker
6	0.50 V/P	Signal -, LF door loudspeaker
7	0.50 Br/R	Unlocking signal, LF door
8	0.50 Br/O	Locking signal, four doors
9	-	
10	0.50 Gr	Power supply, defrosting, left external rearview mirror
11	0.30 Y/G	Unfolding signal, left external rearview mirror
12	0.30 R/G	Energy saving output
13	0.30 P/W	Up/down adjustment signal, left external rearview mirror
14	0.30 R/W	Common signal
15	0.30 G/Y	Power supply, LF turn signal lamp
16	0.30 Y/Br	Folding signal, left external rearview mirror
17	0.50 G/O	Working indicator, window regulator
18	0.30 P/G	Up/down adjustment signal, left external rearview mirror
19	-	
20	-	
21	-	
22	0.85 B	Ground

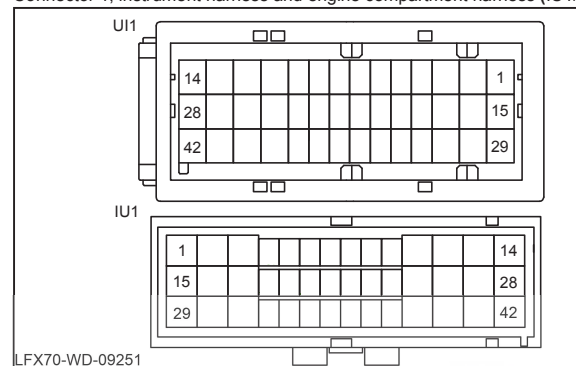
Connector 1, instrument harness and RF door harness (ID3/DI3)



ID3/DI3 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 Y/BI	Ascending signal, RF window regulator motor
2	0.50 Y/G	Descending signal, RF window regulator motor
3	-	
4	-	
5	0.50 V/Y	Signal +, RF door loudspeaker
6	0.50 V/R	Signal -, RF door loudspeaker
7	0.50 Br/Y	Unlocking signal, three doors
8	0.50 Br/BI	Locking signal, four doors
9	0.30 G/Y	Power supply, backlight
10	0.50 Gr	Power supply, defrosting, right external rearview mirror
11	0.30 Y/G	Unfolding signal, right external rearview mirror
12	0.30 R	Energy saving output
13	0.30 BI/W	Left/right adjustment signal, right external rearview mirror
14	0.50 R/W	Common harness
15	0.30 BI/G	Power supply, RF turn signal lamp
16	0.30 Y/Br	Folding signal, right external rearview mirror
17	0.50 Y/B	Analog ground, window
18	0.30 Y/W	Up/down adjustment signal, right external rearview mirror
19	0.50 Y/R	Regulating signal, RF window
20	0.50 B	Ground
21	-	
22	0.30 B/O	Status signal, RF door

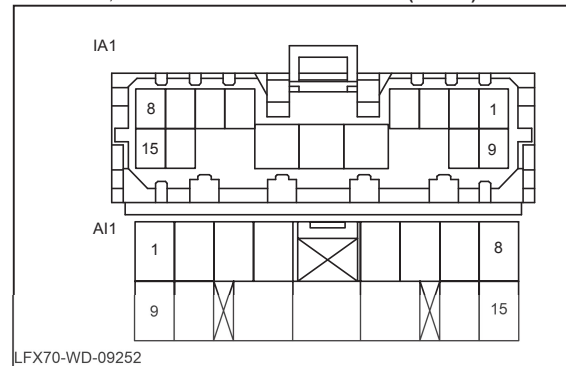
Connector 1, instrument harness and engine compartment harness (IU1/



IU1/U1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.85 R/W	Power supply
2	0.75 O	Power supply
3	-	
4	0.30 P/G	Wheel speed signal
5	0.30 Y/R	ESP switch signal
6	0.30 B/B	Height adjustment signal, low beam lamp
7	0.30 V/W	Signal +, external temperature sensor
8	0.30 B/R	Switch signal, brake fluid level
9	0.30 P/B	Signal, horn control
10	0.30 B	Control signal, reversing lamp
11	0.50 Y/W	Power supply
12	0.50 W/O	Reversing radar signal
13	0.85 P/B	Switch signal, rear washing
14	0.85 P/W	Switch signal, front washing
15	0.50 W	Power supply, reversing lamp
16	0.50 B	Signal, reversing lamp
17	0.50 B/W	Brake signal
18	0.30 B/Y	Control signal, low beam lamp
19	0.30 B/W	Control signal, high beam lamp
20	0.30 B/G	Power supply, RF turn signal lamp
21	0.30 G/Y	Power supply, LF turn signal lamp
22	0.30 V/B	Signal -, external temperature sensor
23	0.30 Y/B	Driving signal, RF position lamp
24	0.30 G/W	Driving signal, LF daytime running lamp
25	1.25 P/B	High-speed power supply, front wiper motor
26	1.25 P/G	Low-speed power supply, front wiper motor
27	1.25 P/Y	Reset power supply, front wiper motor
28	0.50 Gr/W	A/C signal
29	0.30 O/W	Yaw rate sensor signal -
30	0.30 O/B	Yaw rate sensor signal +
31	-	
32	0.30 B/B	PCAN-H
33	0.30 B/W	PCAN-L
34	0.30 G	Driving signal, RF daytime running lamp
35	0.30 G/O	Driving signal, LF position lamp
36	0.30 B/B	Control signal, front fog lamp
37	0.30 B/Y	Start feedback signal
38	0.30 B/O	Starter driving power output
39	0.30 W/B	P/N switch signal
40	-	
41	0.30 R/W	Start request signal
42	1.25 R/G	Power supply

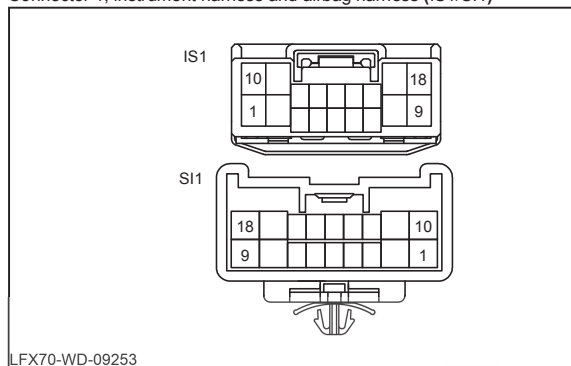
Connector 1, instrument harness and A/C harness (IA1/AI1)



IA1/AI1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 B	Ground
2	-	
3	-	
4	0.30 V/W	Rear defrost control signal
5	0.50 Gr/W	A/C signal
6	0.30 G/Y	Power supply, backlight
7	-	
8	0.50 R/Y	Power supply
9	-	
10	-	
11	3.00 B	Blower power supply +
12	3.00 Y	Ground
13	-	
14	-	
15	-	

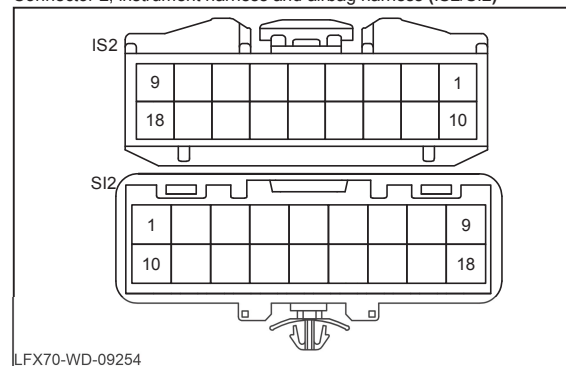
Connector 1, instrument harness and airbag harness (IS1/SI1)



IS1/SI1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	2.00 B	Ground
2	-	
3	0.30 BI/W	PCAN-L
4	0.30 R/W	Power supply
5	0.30 P/G	Snow mode switch
6	0.30 O/G	Downshift switch
7	0.30 O/W	Upshift switch
8	0.85 R	Power supply
9	-	
10	-	
11	1.25 R/G	Power supply
12	0.30 BI/B	PCAN-H
13	0.30 W/G	Solenoid valve lock, P position
14	-	
15	0.30 Br/O	Collision signal
16	0.30 P/W	Manual/sports mode switch
17	-	
18	0.85 R/B	Power supply

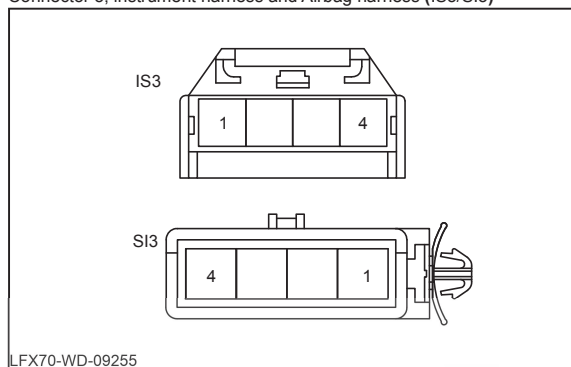
Connector 2, instrument harness and airbag harness (IS2/SI2)



IS2/SI2 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.30 R/G	Power supply
2	0.30 G/R	Low-temperature heating signal, driver seat
3	0.30 G/W	High-temperature heating signal, driver seat
4	0.30 Y/Br	Low-temperature heating signal, front passenger seat
5	0.30 Y/W	High-temperature heating signal, front passenger seat
6	0.30 G	Switch signal, driver seat
7	0.30 Y	Switch signal, front passenger seat
8	0.50 R/Y	Power supply
9	0.30 O/W	Yaw rate sensor signal -
10	-	
11	0.30 O/W	Signal, indicator, driver seat belt not fastened
12	0.30 O/G	Signal, indicator, front passenger seat belt not fastened
13	0.30 R/BI	Power supply
14	-	
15	0.50 R/W	Power supply
16	0.30 Br	Switch signal, parking brake
17	-	
18	0.30 O/B	Yaw rate sensor signal +

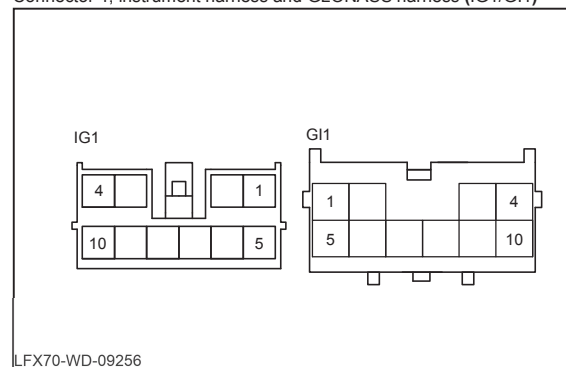
Connector 3, instrument harness and Airbag harness (IS3/SI3)



IS3/SI3 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 P	Driving signal high, front passenger's airbag
2	0.50 W	Driving signal low, front passenger's airbag
3	0.50 V	Driving signal low, driver's airbag
4	0.50 Br	Driving signal high, driver's airbag

Connector 1, instrument harness and GLONASS harness (IG1/GI1)



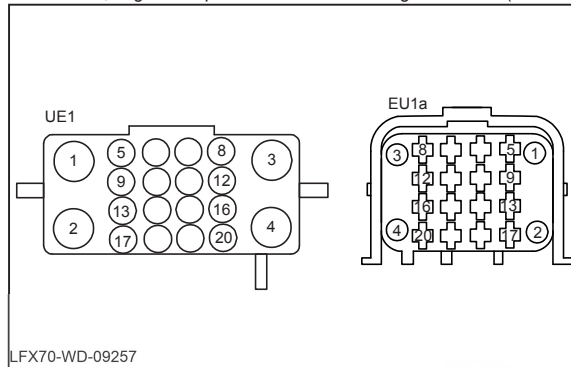
IG1/GI1 Terminal Definition

Pin No.	Wire diameter/color	Function
1	0.50 R	Power supply
2	0.30 R/BI	Power supply
3	0.30 V/W	Mute signal
4	0.30 BI/B	PCAN-H
5	0.50 B	Ground
6	-	
7	0.30 Br/O	Collision signal
8	0.30 G/Y	Power supply, backlight
9	-	
10	0.30 BI/W	PCAN-L

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

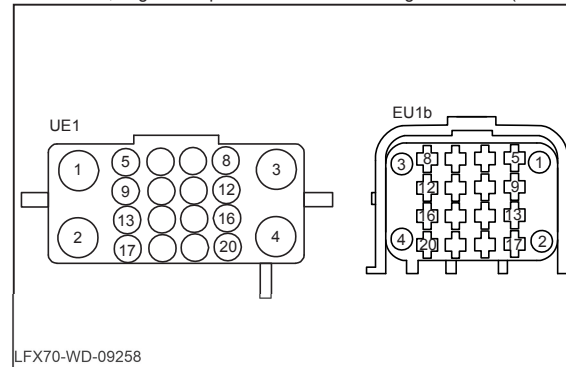
Connector 1, engine compartment harness and engine harness (MT con-



UE1/EU1a Terminal Definition

Pin No.	Wire diameter/color (engine compartment harness terminal)	Wire diameter/color (engine harness terminal)	Function
1	1.25 R/W	1.25 B/W	IG power supply
2	2.00 G	2.00 BI/R	Power supply
3	2.00 B/Y	2.00 B/Y	Starting power supply
4	-	-	
5	0.30 Y	0.50 Y	Control signal, main relay
6	-	-	
7	0.75 O/B	0.75 BI/R	Power supply
8	-	-	
9	0.30 B/O	0.50 B/O	Control signal, fuel pump relay
10	0.85 W/BI	0.75 R	Power supply, battery
11	0.85 Y/R	0.50 Y/W	Power supply, compressor relay
12	0.30 Gr/P	0.50 BI/Y	Control signal, low speed fan
13	0.30 O	0.50 O/BI	Control signal, high speed fan
14	0.50 R/G	0.50 R/G	Feedback signal, A/C switch
15	0.30 Gr/BI	0.50 P/G	Control signal, compressor
16	0.50 G	0.50 V/R	Signal, A/C switch
17	-	-	
18	1.25 R/W	-	
19	0.50 W/R	-	
20	0.30 W/B	-	

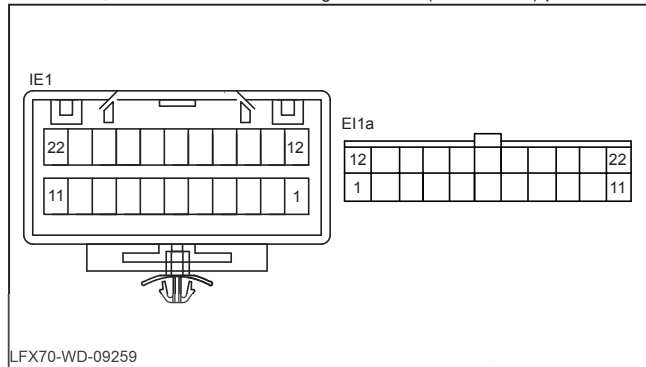
Connector 1, engine compartment harness and engine harness (CVT



UE1/EU1b Terminal Definition

Pin No.	Wire diameter/color (engine compartment harness terminal)	Wire diameter/color (engine harness terminal)	Function
1	1.25 R/W	1.25 B/W	IG power supply
2	2.00 G	2.00 BI/R	Power supply
3	2.00 B/Y	2.00 B/Y	Starting power supply
4	-	-	
5	0.30 Y	0.50 Y	Control signal, main relay
6	-	-	
7	0.75 O/B	0.75 BI/Y	Power supply
8	-	-	
9	0.30 B/O	0.50 Gr/Y	Control signal, fuel pump relay
10	0.85 W/BI	0.85 R	Power supply, battery
11	0.85 Y/R	0.85 R/V	Power supply, compressor relay
12	0.30 Gr/P	0.50 Gr/O	Control signal, low speed fan
13	0.30 O	0.85 V/W	Control signal, high speed fan
14	0.50 R/G	0.50 Gr/V	Feedback signal, A/C switch
15	0.30 Gr/BI	0.50 B/O	Control signal, compressor
16	0.50 G	0.50 G	Signal, A/C switch
17	-	-	
18	1.25 R/W	1.25 R/G	Solenoid valve power supply feedback
19	0.50 W/R	1.25 R	Power supply
20	0.30 W/B	0.50 Y/R	Starting control signal

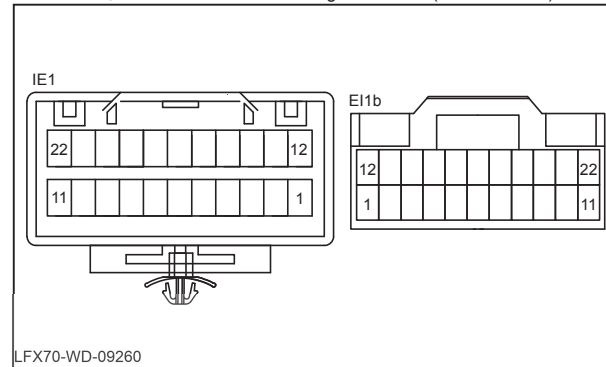
Connector 1, instrument harness and engine harness (MT condition) (IE1/



IE1/EI1a Terminal Definition

Pin No.	Wire diameter/color (instrument harness terminal)	Wire diameter/color (engine harness terminal)	Function
1	0.50 R/G	0.50 P/G	Power supply, position sensor
2	0.50 Y/P	0.50 R/BI	Cruise switch signal
3	0.30 BI	0.50 G/Br	Reverse signal
4	0.30 W/B	0.50 V/O	Neutral signal
5	0.30 BI/B	0.50 BI/B	PCAN-H
6	0.30 BI/W	0.50 BI/W	PCAN-L
7	0.50 Br/G	0.50 W/R	TDC signal, clutch
8	0.50 G	0.50 Gr	Rear oxygen sensor signal high
9	0.50 R/G	-	
10	0.75 Gr	0.75 G	Rear oxygen sensor heater signal
11	0.50 Y/R	0.50 W/B	Cruise switch signal ground
12	0.85 V	0.50 W/BI	NO signal, brake switch
13	0.85 BI/W	0.50 BI/R	NC signal, brake switch
14	0.30 W	0.50 V/W	BDC signal, clutch
15	0.30 O/B	0.85 V	Charge indicator signal
16	0.30 Y/B	0.85 Y/B	Oil pressure signal
17	0.30 W/G	-	
18	0.30 O/G	-	
19	0.30 O/W	-	
20	0.30 P/W	-	

Connector 1, instrument harness and engine harness (CVT condition)



IE1/EI1b Terminal Definition

Pin No.	Wire diameter/color (instrument harness terminal)	Wire diameter/color (engine harness terminal)	Function
1	0.50 R/G	-	
2	0.50 Y/P	0.50 O/G	Cruise switch signal
3	0.30 G/Br	-	
4	0.30 W/B	0.50 Gr	Neutral signal
5	0.30 BI/B	0.50 R/W	PCAN-H
6	0.30 BI/W	0.50 B/W	PCAN-L
7	0.50 Br/G	-	
8	0.50 G	0.50 P	Rear oxygen sensor signal high
9	0.50 R/G	0.75 B/W	IG power supply
10	0.75 Gr	0.75 G/O	Rear oxygen sensor heater signal
11	0.50 Y/R	0.75 B/W	Cruise switch signal ground
12	0.85 V	0.50 Gr/W	NO signal, brake switch
13	0.85 BI/W	0.50 Gr/R	NC signal, brake switch
14	0.30 W	-	
15	0.30 O/B	0.75 V	Charge indicator signal
16	0.30 Y/B	0.85 Y/B	Oil pressure signal
17	0.30 W/G	0.50 Y/BI	Solenoid valve lock, P position
18	0.30 O/G	0.50 Y/B	Upshift switch
19	0.30 O/W	0.50 R/BI	Downshift switch
20	0.30 P/W	0.50 Gr/V	Manual/sports mode switch

10 Abbreviation

Abbreviation/Term	Designation	OBD-II	On-board diagnosis system - Generation II
A/C	Air conditioner	OEM	Original equipment manufacturer
AAT	Ambient temperature	PAM	Parking assist module
ABS	Anti-lock braking system	PDM	Passenger door module
AM/FM	Amplitude/frequency modulation	PEPS	Passive entry passive start
APP	Accelerator pedal position	PIN	Personnel identification number
APS	Accelerator pedal position signal	PTC	Positive temperature coefficient
ASR	Acceleration skid control system	PWM	Pulse width modulation
AT	Automatic Transmission	RF	Right left
BCM	Body control module	RR	Right rear
CAN	Controller area network	RKE	Remote keyless entry
CD	CD	SAE	Society of Automotive Engineers
CKP	Crankshaft position sensor	SAS	Steering angle sensor
CMS	Camshaft position sensor	SCCM	Steering column control module
CVT	Stepless (continuously variable) transmission	SRS	Supplemental restraint system
DLC	Diagnostic interface	TPS	Throttle position sensor
DTC	DTC	TPMS	Tire pressure monitor system
DVD	DVD	TIB	Technical information bulletin
DRL	Daytime running lamp	VFD	Vacuum fluorescent display
EAS	Compressor controller	VIN	Vehicle identification number
EBD	Electronic brake force distribution system	VSS	Vehicle speed sensor
ECC	A/C panel controller	WSS	Wheel speed sensor
ECU	Engine control unit		
EHU	Entertainment host unit		
EOBD	European model on-board diagnostic interface		
EPS	Electronic power steering		
ESP	Electronic stability program		
ETC	Electronic throttle control		
FBCM	Front body control module		
FWD	Front wheel drive		
GPS	Global positioning system		
GVM	Gross vehicle mass		
HCU	Hydraulic Control Unit		
HFM	Hand free module		
HID	High intensity discharge		
HVAC	Heating, Ventilation and Air Conditioning		
I/P	Facia		
ICM	Instrument control system		
ICU	Integrated control unit		
IPC	Instrument cluster		
ISO	International organization for standardization		
KS	Knock sensor		
LED	LED		
LF	Left front		
LIN	LIN line		
LR	Left rear		
MAPS	Manifold absolute pressure sensor		
MIL	Malfunction indicator lamp		
MP3	MP3		
MTC	Manual temperature control		
MY	Model year		