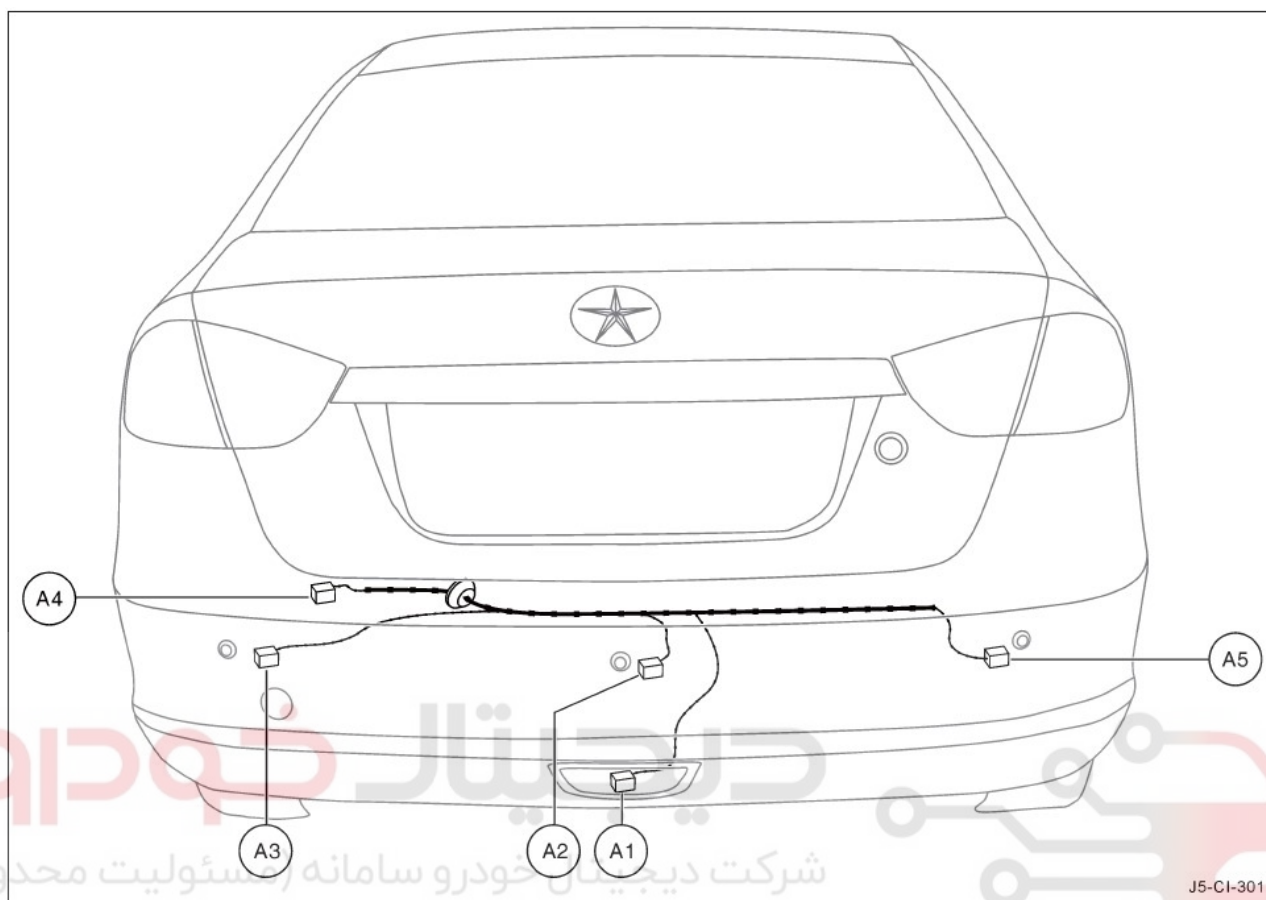


Harness plug layout

Backup radar harness



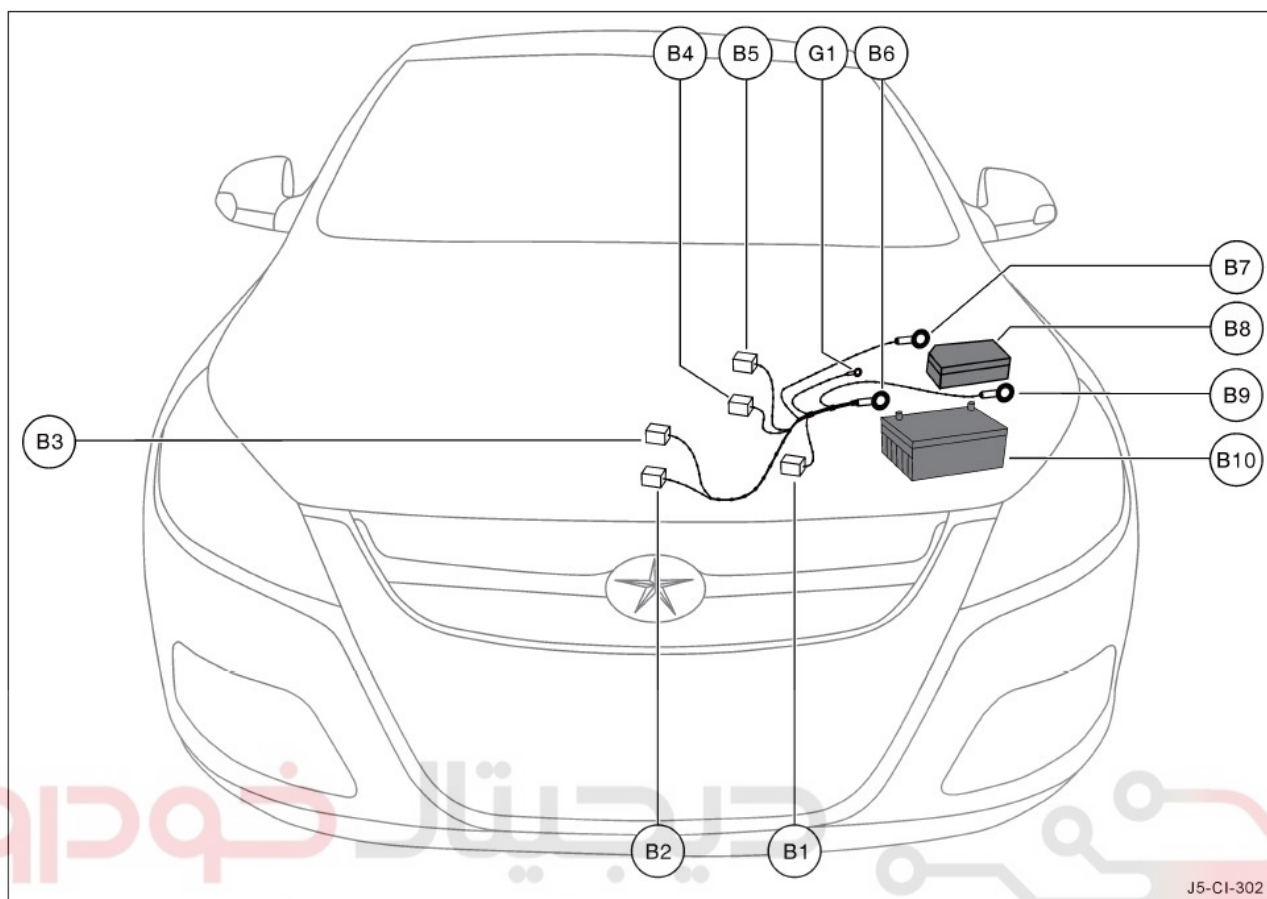
A1	To rear fog lamp
A3	To left probe
A5	To right probe

A2	To middle probe
A4	Harness plug (to vehicle frame harness)

CI - 80

Harness plug layout

Power harness



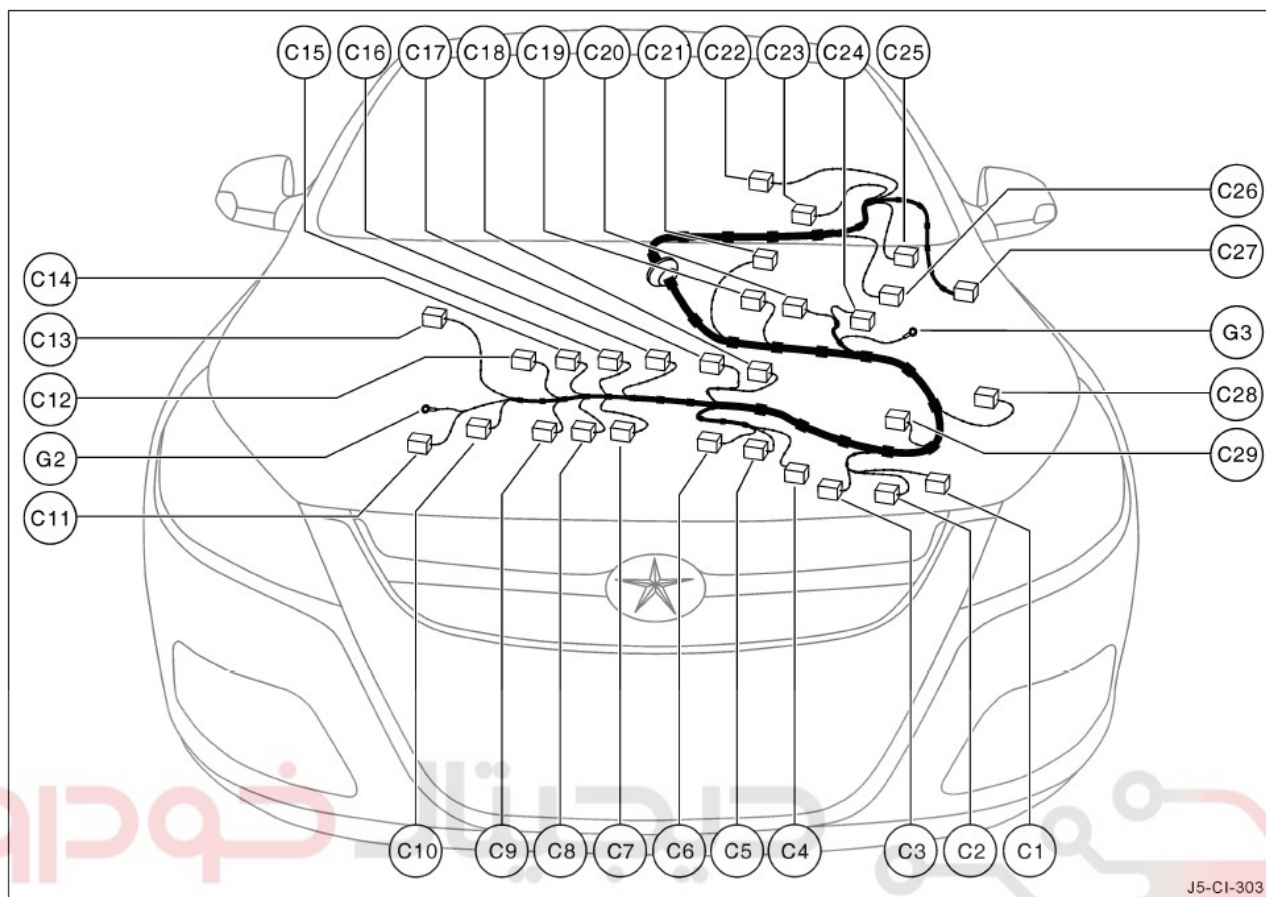
B1	Harness plug (to engine harness)
B3	To generator regulator
B5	To electromagnetic switch of starter
B7	To electrical box in engine compartment
B9	Battery negative pole
G1	Battery negative Grounding wire

B2	To generator B+
B4	To starter
B6	Battery positive pole
B8	Electrical box in engine compartment
B10	Battery

Harness plug layout

CI - 81

Engine control harness



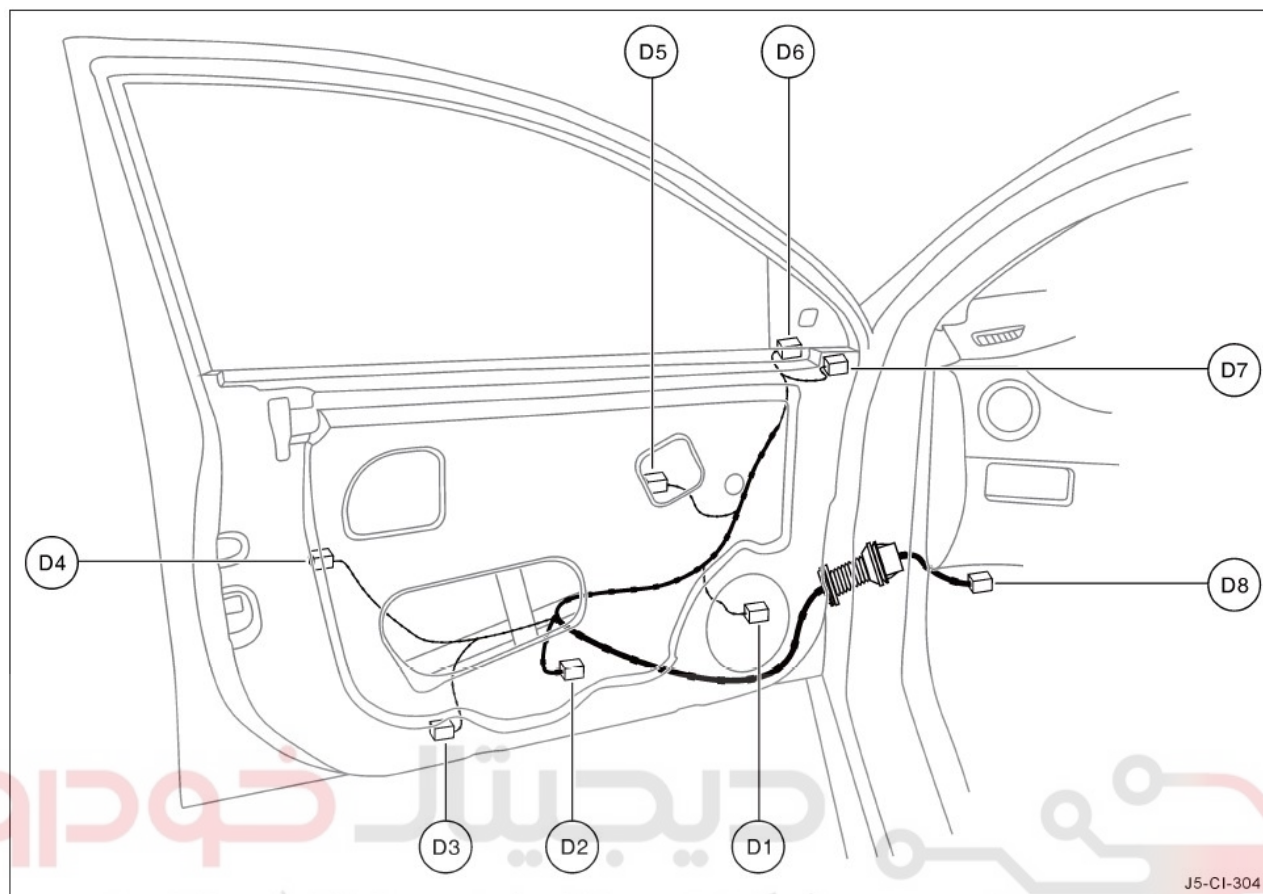
C1	To crankshaft position sensor
C3	To electronically controlled throttle body
C5	To front oxygen sensor
C7	To Cylinder 4 fuel injector
C9	To Cylinder 2 fuel injector
C11	To OCV valve
C13	To power steering switch
C15	To Cylinder 3 ignition coil
C17	To camshaft position sensor
C19	To vehicle speed sensor
C21	To brake oil level sensor
C23	To rear oxygen sensor
C25	To brake lamp switch
C27	To ECU
C29	To shock sensor
G3	Grounding point of engine control harness

C2	To oil pressure switch
C4	To canister solenoid valve
C6	To water temperature sensor
C8	To Cylinder 3 fuel injector
C10	To Cylinder 1 fuel injector
C12	To Cylinder 1 ignition coil
C14	To Cylinder 2 ignition coil
C16	To Cylinder 4 ignition coil
C18	To intake air temperature/pressure sensor
C20	To front wiper motor
C22	To throttle position sensor
C24	Harness plug (to engine harness)
C26	Harness pug (to main harness)
C28	To backup lamp switch
G2	Grounding point of engine control harness

CI - 82

Harness plug layout

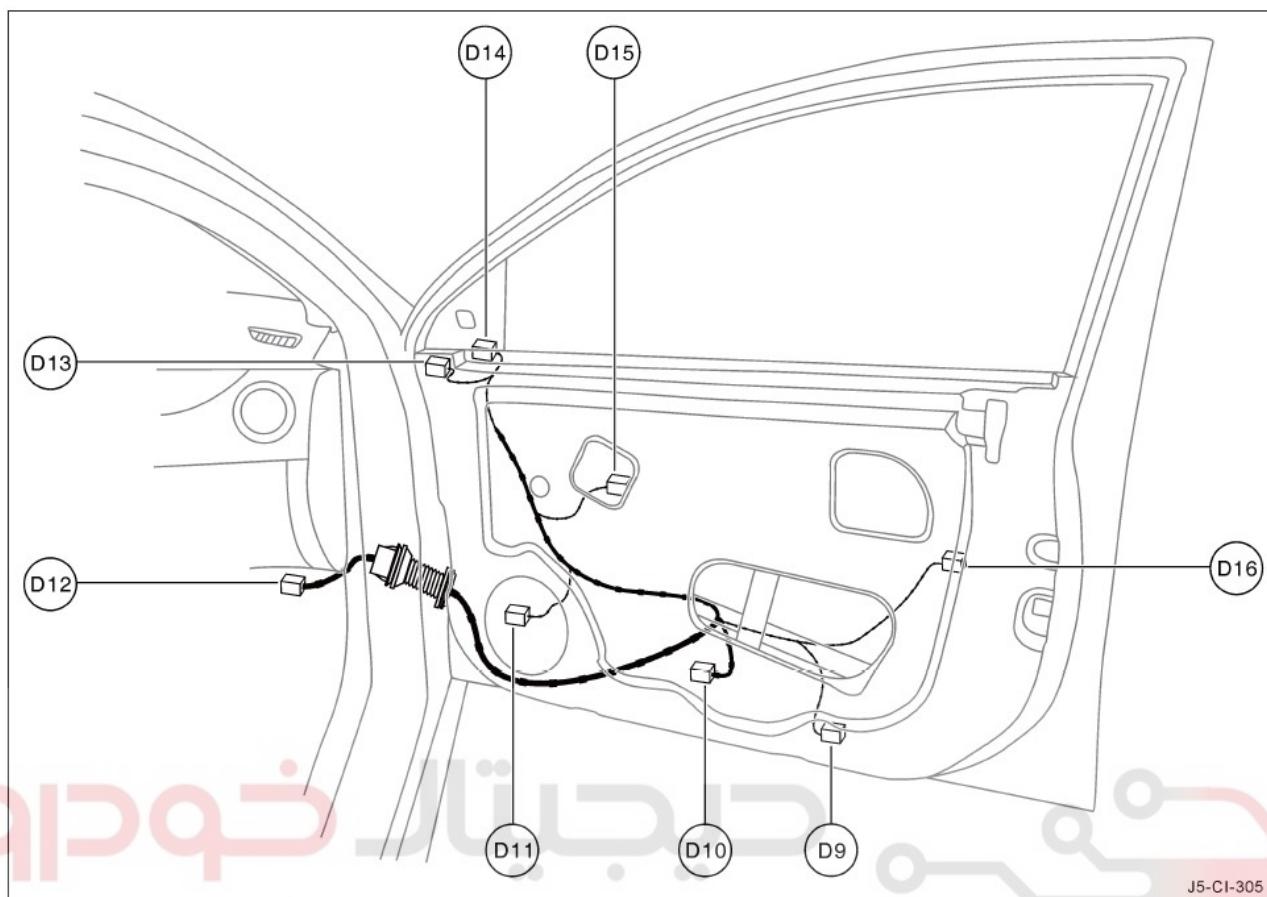
Front left door harness



D1	To front left alt horn
D3	To front left door lamp
D5	To front left glass lift motor
D7	To front left bass horn

D2	To glass lift switch
D4	To door lock actuator
D6	To left exterior rear-view mirror
D8	To harness plug (to vehicle frame harness)

Front right door harness



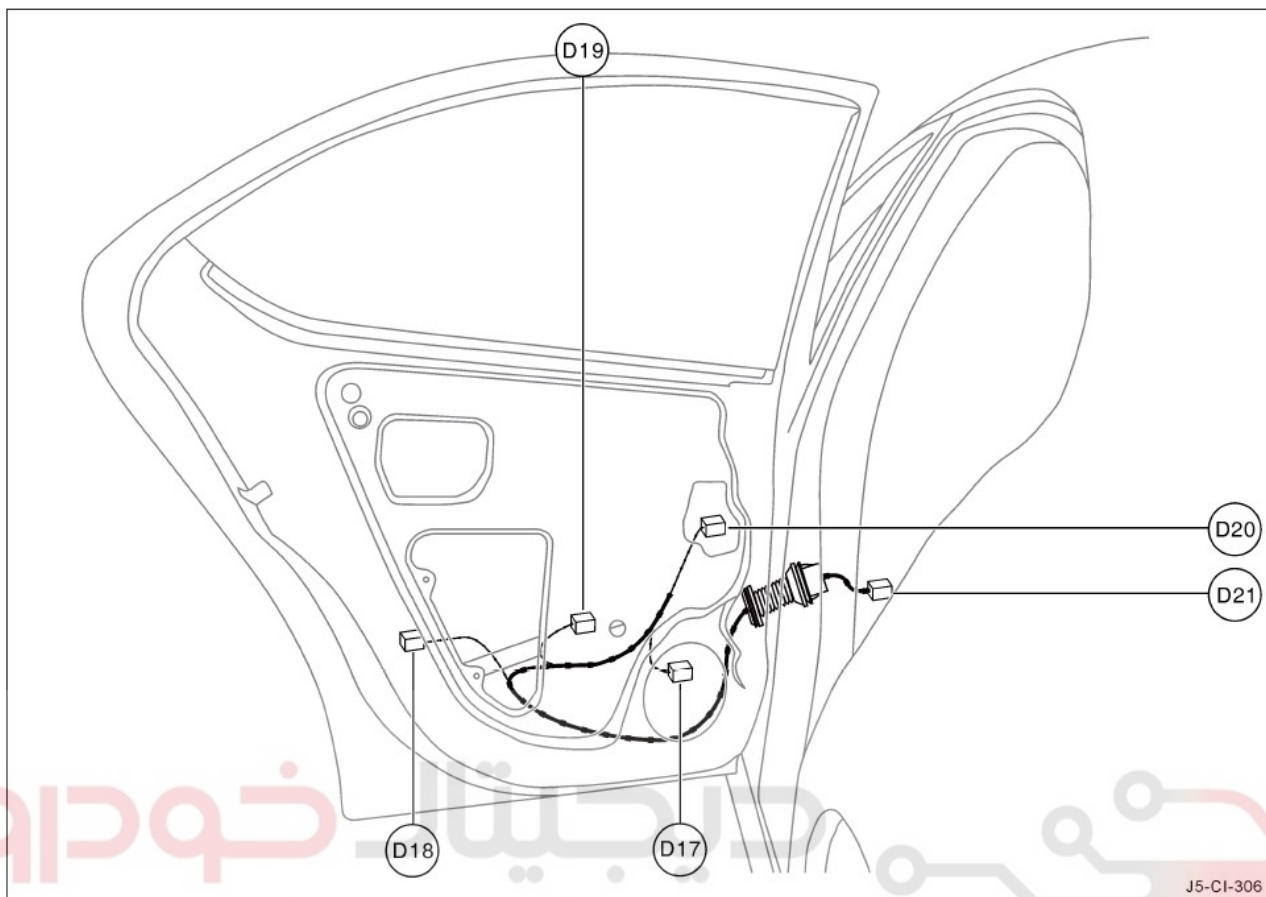
D9	To front right door lamp
D11	To front right bass horn
D13	To front right alt horn
D15	To front right glass lift motor

D10	To glass lift switch
D12	Harness plug (to vehicle frame harness)
D14	To right exterior rear-view mirror
D16	To door lock actuator

CI - 84

Harness plug layout

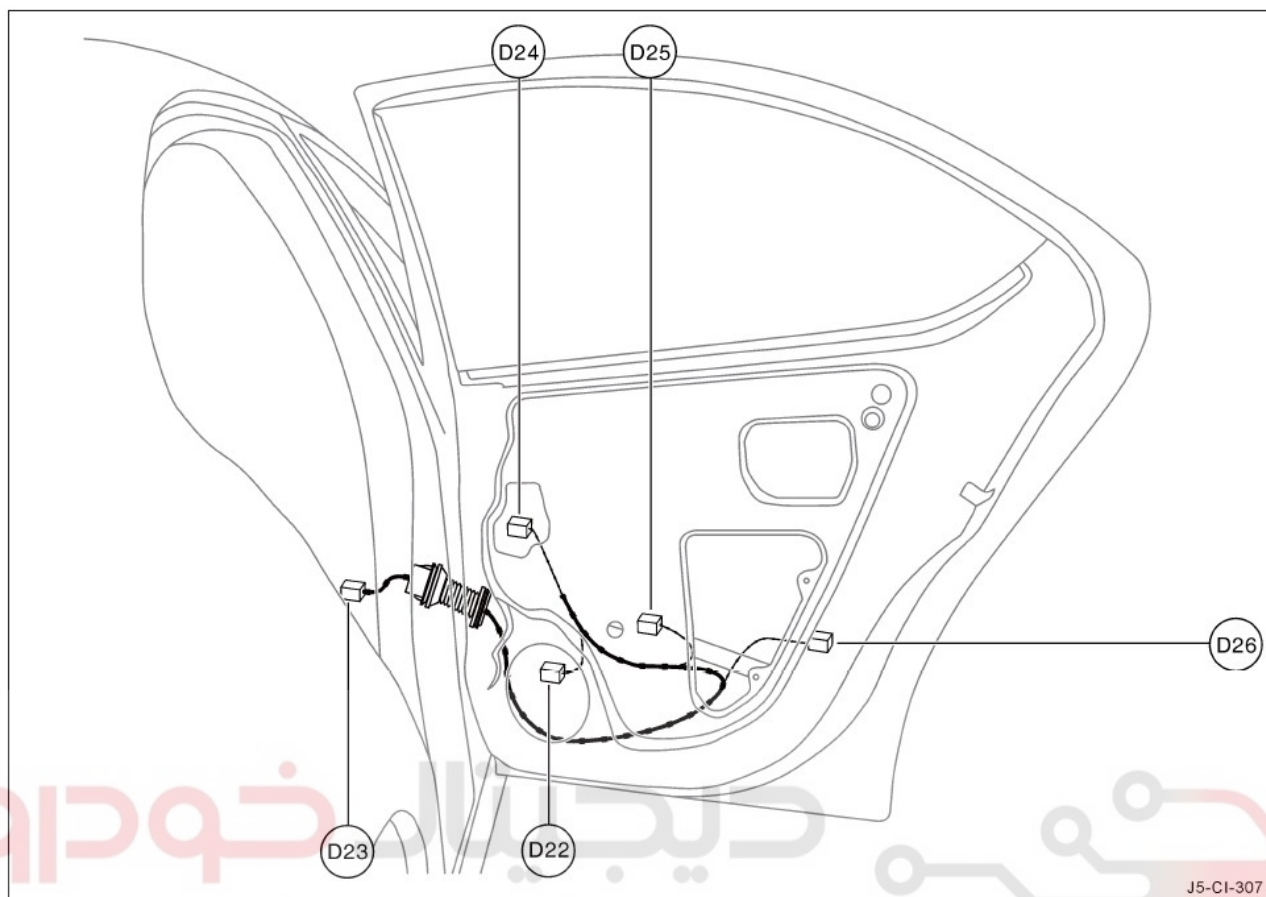
Rear left door harness



D17	To rear left bass horn
D19	To glass lift switch
D21	Harness plug (to vehicle frame harness)

D18	To door lock actuator
D20	To rear left glass lift motor

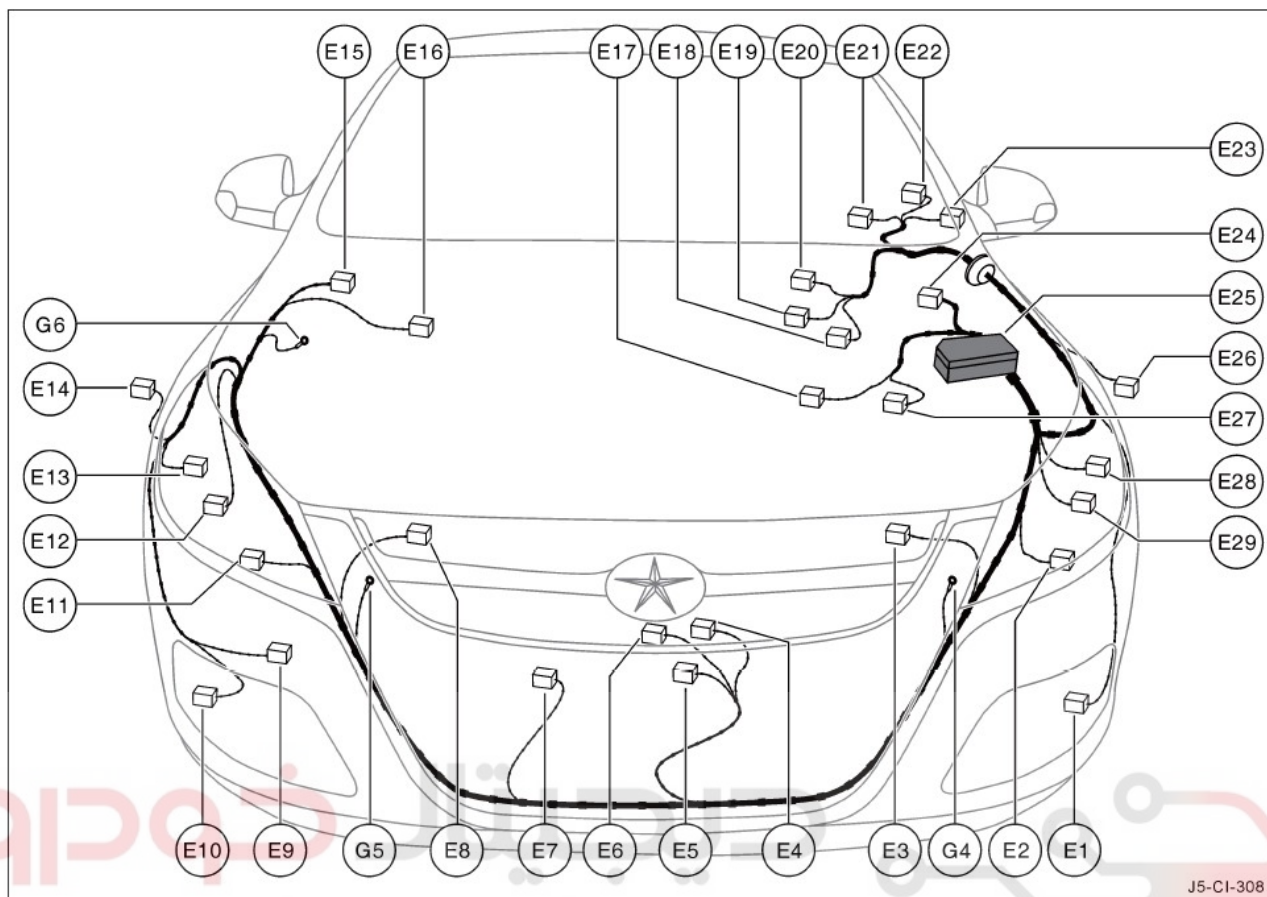
Rear right door harness



D22	To rear right bass horn
D19	To rear right glass lift motor
D21	To door lock actuator

D23	Harness plug (to vehicle frame harness)
D25	To glass lift switch

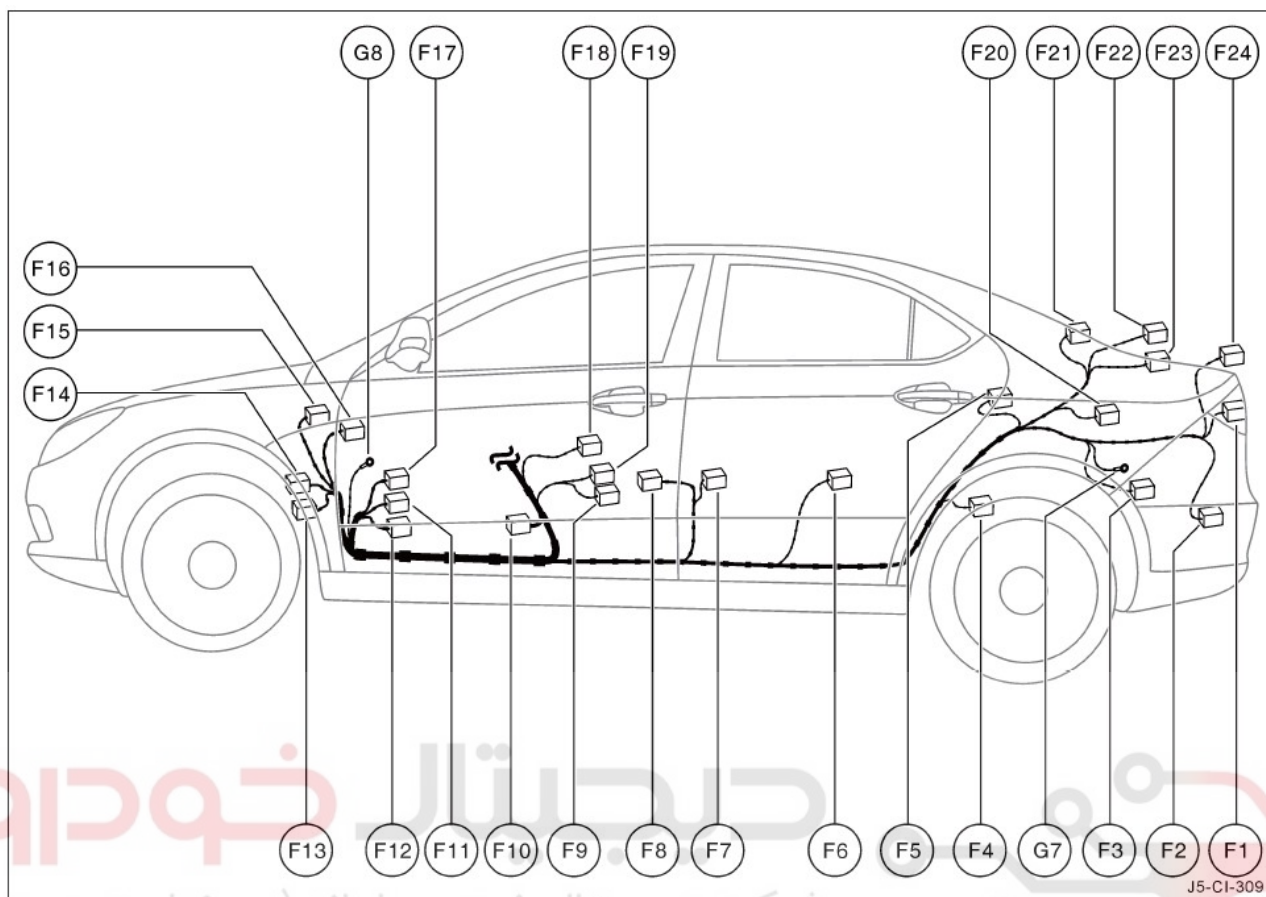
Engine harness



E1	To front left fog lamp
E3	To radiator fan
E5	To ambient air temperature sensor
E7	To A/C compressor
E9	To washer motor
E11	To right combined headlamp
E13	To front right turning lamp
E15	To ABS control unit
E17	To battery B+
E19	Harness plug (to main harness)
E21	To interior electrical box (I/P-C)
E23	To interior electrical box (I/P-F)
E25	Electrical box in engine compartment
E27	Harness plug (to power harness)
E29	To left regulator motor
G5	Right vehicle body grounding wire

E2	To left combined headlamp
E4	To alt horn
E6	To bass horn
E8	To condenser fan
E10	To front right fog lamp
E12	To right regulator motor
E14	To front right wheel speed sensor
E16	To 3-element pressure switch
E18	Harness plug (to main harness)
E20	Harness plug (to main harness)
E22	To interior electrical box (I/P-D)
E24	Harness plug (to engine control harness)
E26	To front left wheel speed sensor
E28	To front left turning lamp
G4	Left vehicle body grounding wire
G6	ABS grounding wire

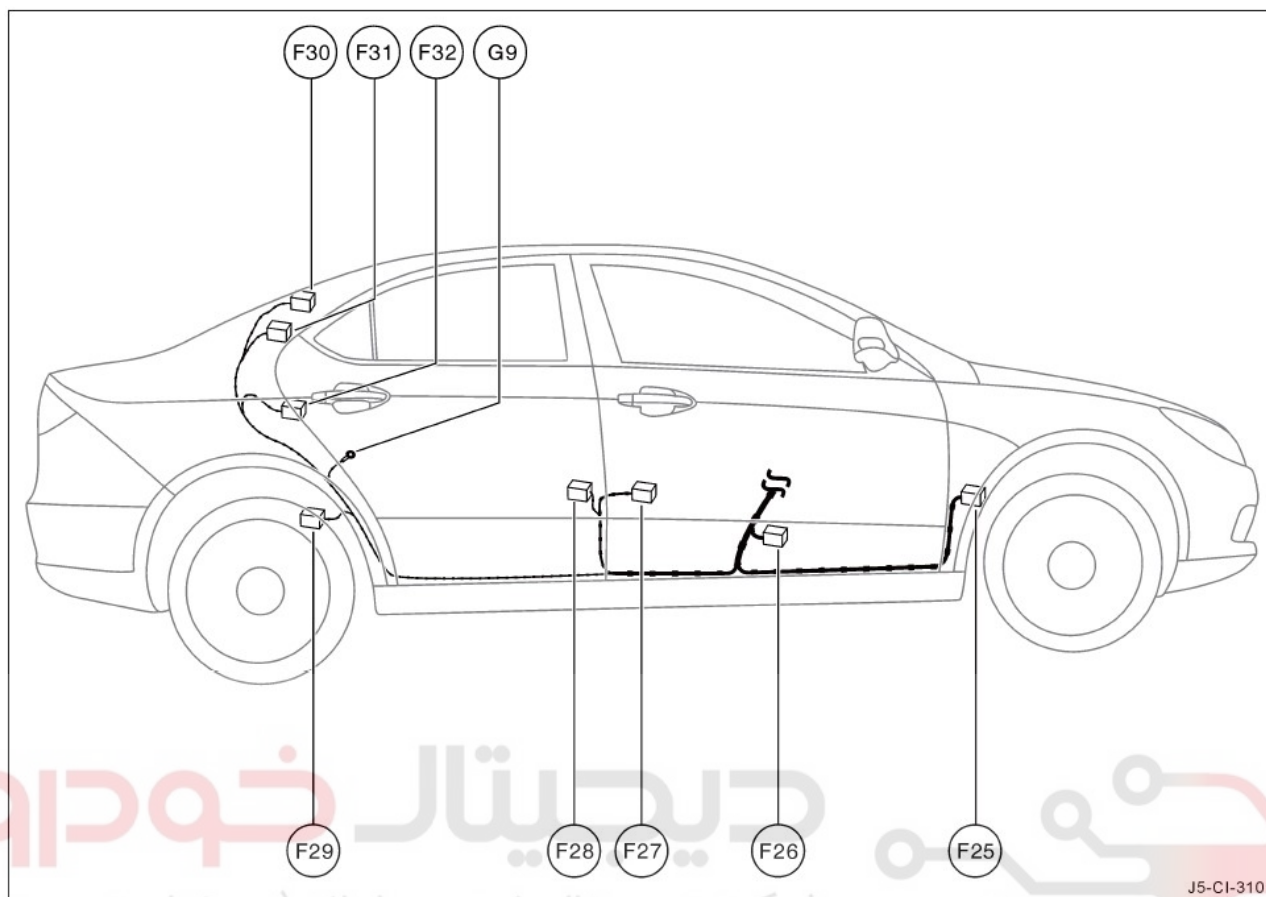
Vehicle frame harness (left)



F1	To rear left combined lamp
F3	To backup radar controller
F5	To door switch
F7	To door switch
F9	To electric seat
F11	Harness plug (to main harness)
F13	Harness plug (to front left door harness)
F15	To interior electrical box (I/P-A)
F17	Harness plug (to main harness)
F19	To safety belt switch
F21	To high-position brake lamp
F23	To luggage compartment lamp
G7	Right vehicle body grounding wire

F2	Harness plug (to backup radar harness)
F4	To rear left wheel speed sensor
F6	To fuel pump
F8	Harness plug (to rear left door harness)
F10	To short-circuiter
F12	Harness plug (to main harness)
F14	Harness plug (to front left door harness)
F16	To interior electrical box (I/P-B)
F18	To hand brake switch
F20	Harness plug (to tail door harness)
F22	To luggage compartment lamp
F24	To rear right combined lamp
G8	Left vehicle body grounding wire

Vehicle frame harness (right)



J5-CI-310

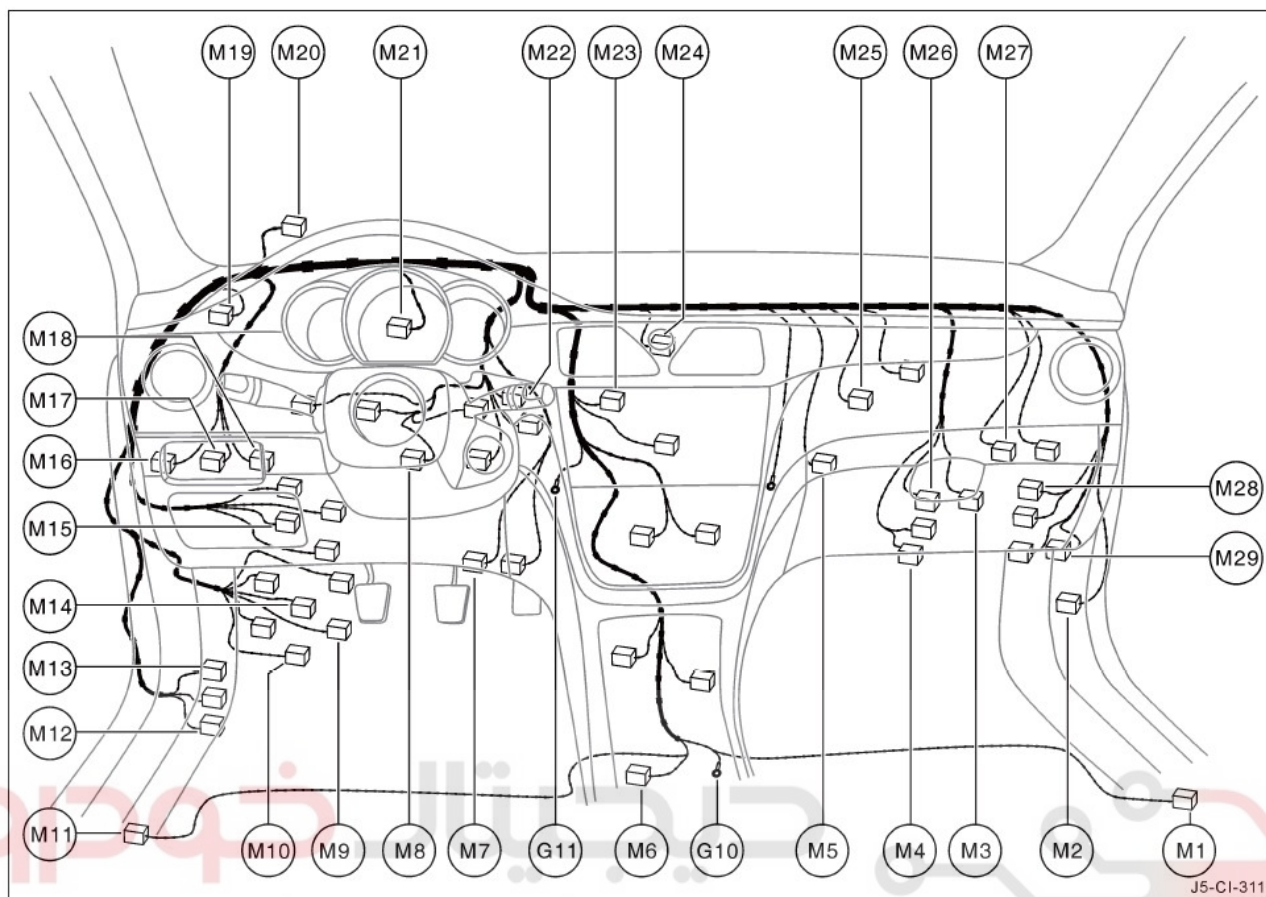
F25	Harness plug (to front right door harness)
F27	Harness plug (to rear right door harness)
F29	To rear right wheel speed sensor
F31	To antenna amplifier
G9	Rear right grounding wire of vehicle body

F26	To short-circuiter
F28	To door switch
F30	To rear defrosting power
F30	To door switch

Harness plug layout

CI - 89

Main harness I

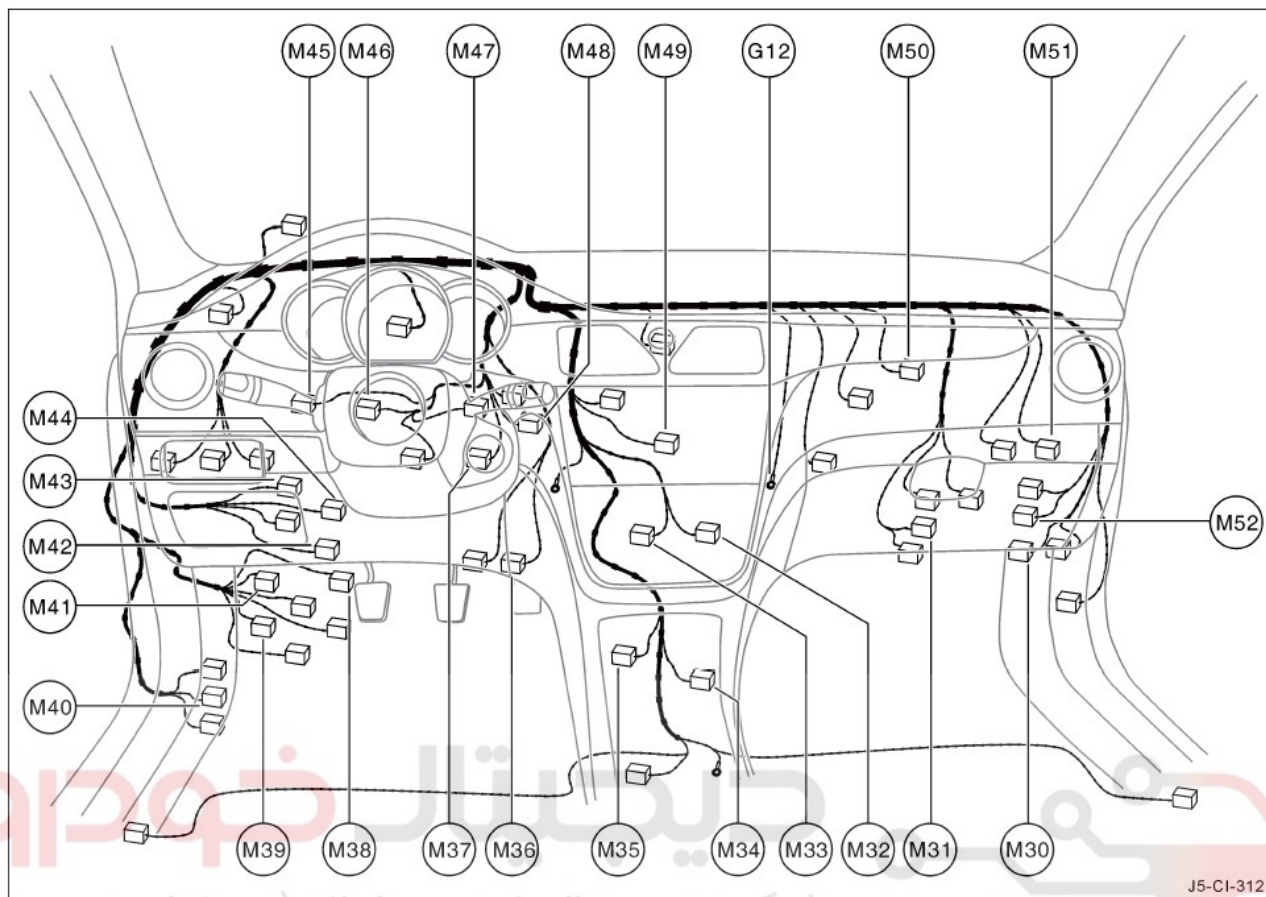


J5-CI-311

M1	To assistant's safety belt
M3	To Anti-theft
M5	To door lock relay
M7	To ETACS
M9	To anti-theft relay
M11	To driver's safety belt
M13	Harness plug (to vehicle frame harness)
M15	To small relay holder
M17	To headlamp regulator switch
M19	To automatic lamplight sensor
M21	To combined instrument
M23	To backup radar buzzer
M25	To assistant's SRS
M27	To glove box lamp
M29	Harness plug (to A/C harness)
G11	Left grounding wire of main harness

M2	Harness plug (to engine control harness)
M4	To Anti-theft
M6	To SRS controller
M8	To steering wheel switch
M10	To diagnosis interface
M12	Harness plug (to vehicle frame harness)
M14	To interior electrical box (I/P-H)
M16	To rear-view mirror switch
M18	To dimmer switch
M20	To short-circuiter
M22	To key switch
M24	To warning lamp switch
M26	To Anti-theft
M28	To glove box switch (+)
G10	SRS grounding wire

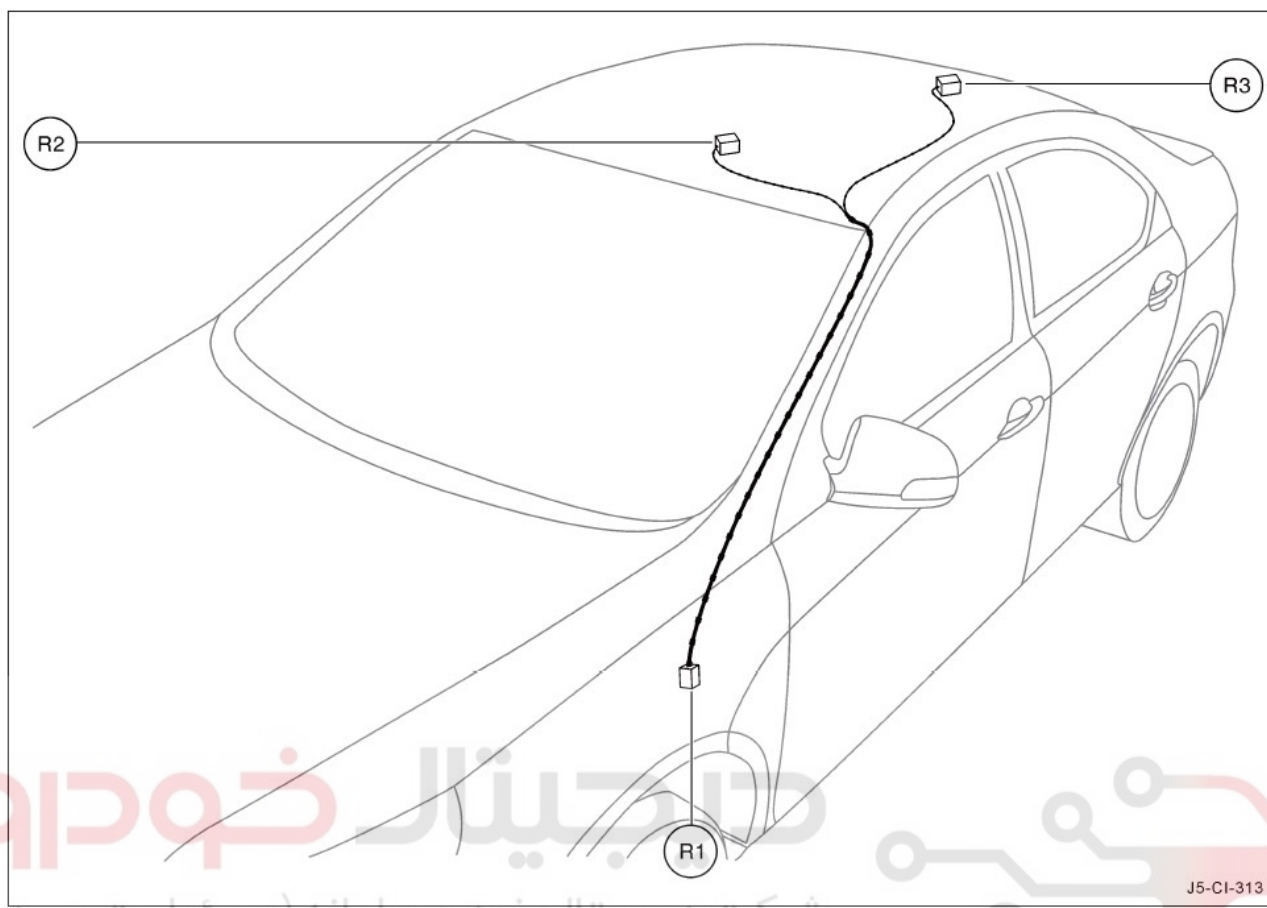
Main harness II



M30	Harness plug (to A/C harness)
M32	To A/C control panel
M34	To on-board power
M36	To ETACS
M38	To interior electrical box (I/P-J)
M40	Harness plug (to vehicle frame harness)
M42	Harness plug (to engine harness)
M44	Harness plug (to engine harness)
M46	To clock spring
M48	To interior air temperature sensor
M50	To sunlight sensor
M52	To glove box switch (-)

M31	To Anti-theft
M33	To A/C control panel
M35	To cigar lighter
M37	To ignition switch
M39	To interior electrical box (I/P-L)
M41	To interior electrical box (I/P-K)
M43	Harness plug (to engine harness)
M45	To combined switch – lamplight
M47	To combined switch- wiper
M49	To radio player
M51	To glove box lamp
G12	Right grounding wire of main harness

Roof harness



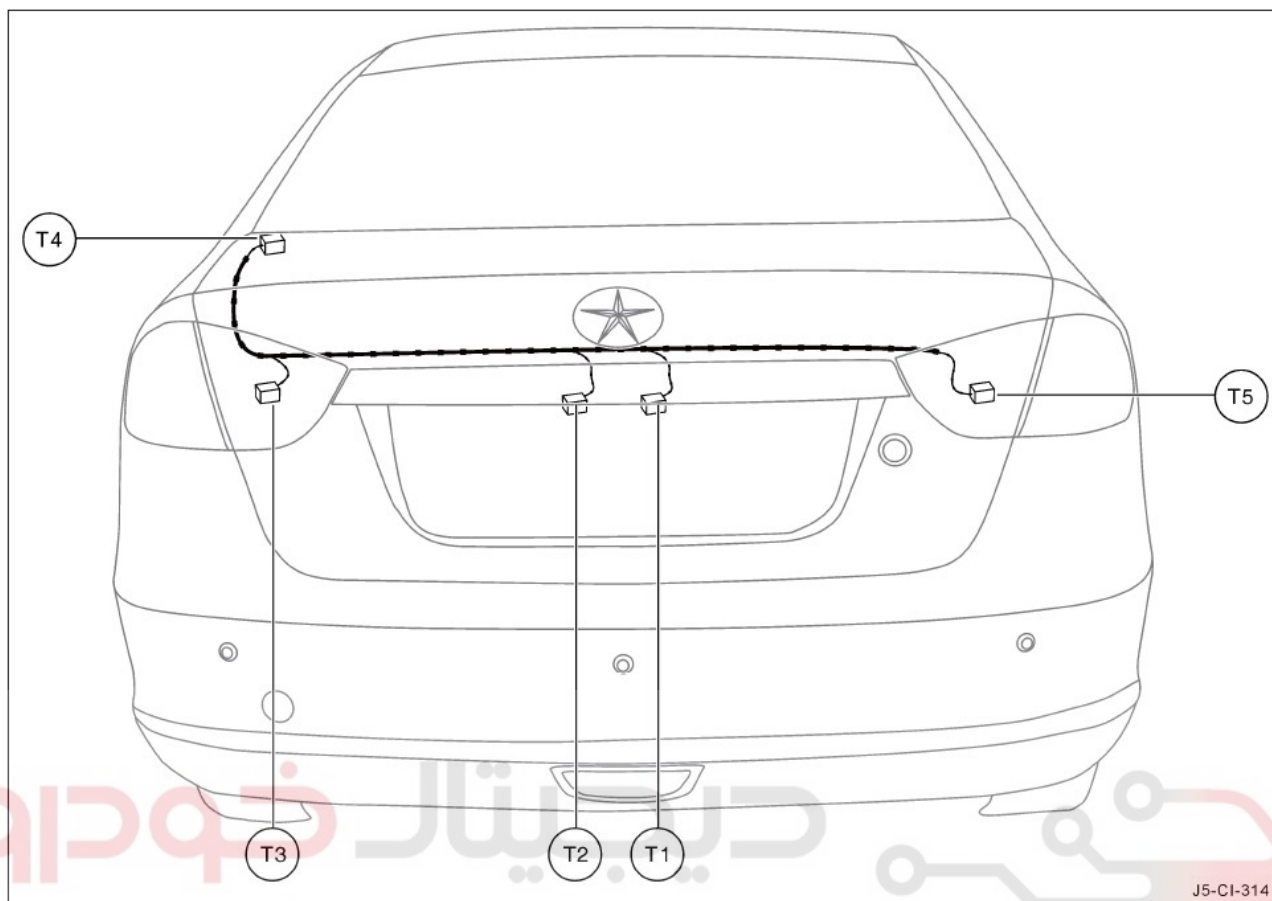
R1	To interior electrical box (I/P-G)
R3	To rear roof lamp

R2	To front roof lamp
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CI - 92

Harness plug layout

Tail door harness



J5-CI-314

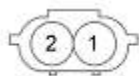
T1	To right license plate lamp
T3	To left backup lamp
T5	To right backup lamp

T2	To left license plate lamp
T4	Harness plug (to vehicle frame harness)

Definition of harness plug

Description of backup radar harness plug

A1: To rear fog lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	L/B	Rear fog lamp (+)	
2	B	Rear fog lamp (-)	

A3: To left probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	G/B	Left probe signal	
2	B	Left probe grounded	

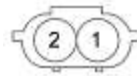
A4: To right probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	L/R	Right probe grounded	
2	B	Right probe signal	

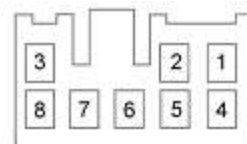
A2: To middle probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Middle probe grounded	

A4: Harness plug (to vehicle frame harness)



43R233.1

Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Middle probe grounded	
3	G/B	Left probe signal	
4	B	Left probe grounded	
5	L/R	Right probe signal	
6	B	Right probe grounded	
7	L/B	Rear fog lamp (+)	
8	B	Rear fog lamp (-)	

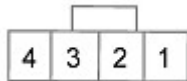
Description of power harness plug

B1: Harness plug (to vehicle frame harness)



Terminal No.	Color	Function	Remark
1	O/W	Generator output	
2	W/R	Charging indicator lamp	
3	P	Starter electromagnetic switch (+)	
4	-	-	

B3: To generator regulator



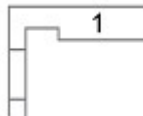
Terminal No.	Color	Function	Remark
1	-	-	
2	W/R	Generator output	
3	O/W	Charging indicator lamp	
4	-	-	

B6: Battery positive pole



Terminal No.	Color	Function	Remark
1	R	Battery positive pole	

B9: Battery negative pole



Terminal No.	Color	Function	Remark
1	R	Battery negative pole	

B2: To generator B+



Terminal No.	Color	Function	Remark
1	R	Generator (+)	

B4: To starter



Terminal No.	Color	Function	Remark
1	R	Starter (+)	

B5: To starter electromagnetic switch



Terminal No.	Color	Function	Remark
1	P	Electromagnetic switch (+)	

B7: To electrical box in engine compartment



Terminal No.	Color	Function	Remark
1	R	Generator (+)	

G1: To battery negative



Terminal No.	Color	Function	Remark
1	B	Battery negative Grounding wire	

Description of engine control harness plug

C1: To crankshaft position sensor



Terminal No.	Color	Function	Remark
1	R/B	Crankshaft position sensor (+)	
2	R/L	Crankshaft position sensor (-)	
3	R	Crankshaft position signal	

C3: To electronically controlled throttle body



Terminal No.	Color	Function	Remark
1	B/Y	Throttle position sensor (+)	
2	L/R	Throttle motor (+)	
3	R	Throttle motor (-)	
4	Br/B	Throttle position signal	
5	Br/R	Throttle position signal	
6	R/L	Throttle position sensor (-)	

C6: To water temperature sensor



Terminal No.	Color	Function	Remark
1	V	Water temperature sensor (-)	
2	G	Water temperature signal	
3	G/Y	Water temperature sensor signal	

C8: To Cylinder 3 fuel injector



Terminal No.	Color	Function	Remark
1	W/L	Cylinder 3 fuel injector (-)	
2	B/Y	Cylinder 3 fuel injector (+)	

C2: To oil pressure switch



DJ7015-6 3-21

Terminal No.	Color	Function	Remark
1	R	Oil pressure switch (+)	

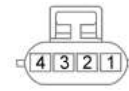
C4: To canister solenoid valve



12052643

Terminal No.	Color	Function	Remark
1	B/Y	Canister solenoid valve (+)	
2	B/L	Canister solenoid valve (-)	

C5: To front oxygen sensor



12162144

Terminal No.	Color	Function	Remark
1	B/Y	Front oxygen sensor (+)	
2	B/Y	Front oxygen sensor heater (-)	
3	W	Front oxygen sensor (+)	
4	V/B	Front oxygen sensor (-)	

C7: To Cylinder 4 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	Br/W	Cylinder 4 fuel injector (-)	
2	B/Y	Cylinder 4 fuel injector (+)	

C9: To Cylinder 2 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	G/R	Cylinder 2 fuel injector (-)	
2	B/Y	Cylinder 2 fuel injector (+)	

C10: To Cylinder 1 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	GW	Cylinder 1 fuel injector (-)	
2	B/Y	Cylinder 1 fuel injector (+)	

C12: To Cylinder 1 ignition coil



AMP C-282087

Terminal No.	Color	Function	Remark
1	L	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	Gr	Ignition coil (+)	

C14: To ignition coil 2



AMP C-282087

Terminal No.	Color	Function	Remark
1	L	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	R	Ignition coil (+)	

C16: To ignition coil 4



AMP C-282087

Terminal No.	Color	Function	Remark
1	W	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	Y	Ignition coil (+)	

C18: To intake air temperature/pressure sensor



AMP 368162-1

Terminal No.	Color	Function	Remark
1	Y/B	Intake air pressure sensor signal	
2	O/G	Intake air pressure sensor (+)	
3	V/W	Intake air temperature sensor (+)	
4	Y	Sensor (-)	

C11: To OCV valve



Terminal No.	Color	Function	Remark
1	B/W	OCV valve (-)	
2	B/Y	OCV valve (+)	

C13: To power steering pump



12185025

Terminal No.	Color	Function	Remark
1	Gr/W	Power steering switch (+)	
2	B	Power steering switch (-)	

C15: To ignition coil 3



AMP C-282087

Terminal No.	Color	Function	Remark
1	Br/W	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	G/Y	Ignition coil (+)	

C17: To camshaft position sensor



Terminal No.	Color	Function	Remark
1	Y/W	Crankshaft position signal	
2	G/W	Crankshaft position sensor (+)	
3	B	Crankshaft position sensor (-)	

C19: To vehicle speed sensor



AMP 282191-1

Terminal No.	Color	Function	Remark
1	B/Y	Vehicle speed signal	
2	B	Vehicle speed sensor (+)	
3	L/Y	Vehicle speed sensor (-)	

Definition of harness plug

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C20: To front wiper motor



DJ70810Y-2.2-20

Terminal No.	Color	Function	Remark
1	B	Wiper motor reset	
2	R	Wiper motor high-speed	
3	R/W	Wiper motor low-speed	
4	-	-	
5	Br	Wiper motor (+)	
6	B	Wiper motor (-)	

C23: To rear oxygen sensor



12162144

Terminal No.	Color	Function	Remark
1	G/Y	Front oxygen sensor (+)	
2	B/Y	Front oxygen sensor heater (-)	
3	G/O	Front oxygen sensor (+)	
	W/V	Front oxygen sensor (-)	

C28: To backup lamp switch



Terminal No.	Color	Function	Remark
1	V/B	Backup lamp (+)	
2	R/W	Backup lamp switch (+)	

G1&G2: Grounding wire of engine control harness



ST710506-1

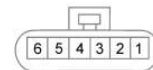
Terminal No.	Color	Function	Remark
1	B	Grounding wire of engine control harness	

C21: To brake oil level sensor



Terminal No.	Color	Function	Remark
1	B	Brake oil level warning switch (-)	
2	B	Brake oil level warning switch (+)	

C22: To throttle position sensor



Terminal No.	Color	Function	Remark
1	B/R	Throttle position signal	
2	W/V	Throttle position sensor (-)	
3	W/Y	Throttle position signal	
4	Br/G	Throttle position sensor (-)	
5	L/W	Throttle position sensor (+)	
6	L/G	Throttle position sensor (+)	

C25: To brake lamp switch



MG610267

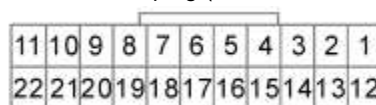
Terminal No.	Color	Function	Remark
1	Y/L	Main brake switch (-)	
2	R/L	Main brake switch (+)	
3	Y	Auxiliary brake switch (-)	
4	R/W	Auxiliary brake switch (+)	

C29: To shock sensor



Terminal No.	Color	Function	Remark
1	B	Shock sensor (-)	
2	L/B	Shock sensor (+)	

C26: Harness plug (to main harness)



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Engine rotation speed signal		12	G/W	Blower switch signal	

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Definition of harness plug

2	Gr/R	Fault diagnosis signal		13	-	-	
3	B/Y	Vehicle speed signal		14	-	-	
4	G	Water temperature signal		15	-	-	
5	Gr/O	MIL indicator lamp signal		16	-	-	
6	Y/Gr	SVS indicator lamp signal		17	-	-	
7	V/B	Backup lamp (+)		18	R/W	Wiper motor low-speed	
8	-	-		19		-	
9	-	-		20	-	-	
10	-	-		21	R	Wiper motor high-speed	
11	B	Brake oil level warning switch (+)		22	-	-	

C24: Harness plug (to engine harness)

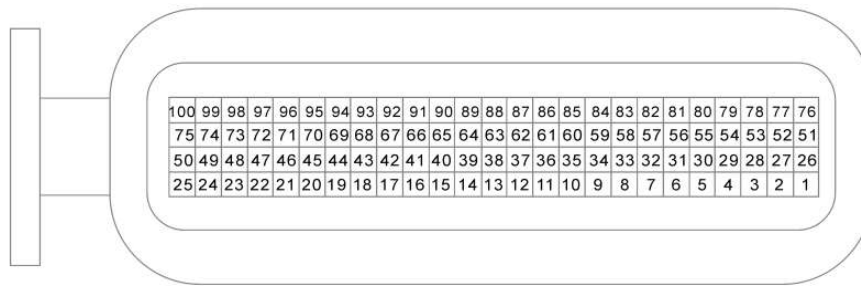
4	8	12	17	22	27	32	37	42
3	7	11	16	21	26	31	36	41
2	6	10	15	20	25	30	35	40
1	5	9	14	19	24	29	34	39
			13	18	23	28	33	38

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Main relay control power (+)		22	G/W	A/C medium voltage switch signal	
2	R/W	Ignition switch power (+)		23	W/G	Fuel pump relay control wire	
3	Y/L	Brake lamp (+)		24	W	ABS signal wire	
4	R/W	Backup lamp switch (+)		25	Br/W	Condenser fan relay control wire	
5	Br			26	G	Radiator fan relay control wire	
6	B			27	-	-	
7	L/R	Battery power (+)		28	R	Oil pressure switch signal wire	
8	Y	Main relay control wire		29	-	-	
9	Br	A/C compressor relay control wire		30	-	-	
10	B/W	Ignition coil power (+)		31	-	-	
11	L/Y	Ignition switch power (+)		32	-	-	
12	-	-		33	-	-	
13	-	-		34	-	-	
14	G/W	Headlamp switch signal wire		35	-	-	
15	-	-		36	-	-	
16	-	-		37	-	-	
17	-	-		38	-	-	
18	-	-		39	-	-	
19	-	-		40	-	-	
20	L	A/C switch signal		41	-	-	
21	-	-		42	-	-	

Definition of harness plug

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C27: To ECU



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	Cylinder 4 ignition coil control		51	Br/W	Condenser fan relay control	
2	Br/W	Cylinder 3 ignition coil control		52	G	Radiator fan relay control	
3	L	Cylinder 2 ignition coil control		53	Y	Brake switch input	
4	B	ECU grounded		54	-	-	
5	B	Camshaft position sensor signal		55	-	-	
6	-	-		56	Y/L	Brake switch input	
7	V/W	Intake air temperature sensor signal		57	Gr/R	Fault diagnosis wire	
8	-	-		58	W	Wheel speed signal input	
9	-	-		59	-	-	
10	G/O	Rear oxygen sensor signal		60	L	A/C request signal	
11	Y/B	Intake air pressure sensor signal		61	Gr/W	Power steering switch signal	
12	V	5V grounded		62	-	-	
13	O/G	5V power		63	G/W	Headlamp switch signal	
14	Y	5V grounded		64	G/W	A/C medium voltage switch signal	
15	Br/G	5V grounded		65	Br/B	Throttle valve position signal	
16	L/W	5V power		66	Br/R	Throttle valve position signal	
17	L/R	Battery power (+)		67	-	-	
18	R/B	5V power		68	B/Y	Vehicle speed signal	
19	R/L	5V grounded		69	-	-	
20	W/V	5V grounded		70	-	-	
21	B/Y	5V power		71	B	Shock sensor low-level	
22	-	-		72	L/B	Shock sensor high-level	
23	-	-		73	-	-	
24	R	Throttle motor low-level signal		74	B	ECU grounded	
25	W/L	Main relay control power (+)		75	B	ECU grounded	
26	L	Cylinder 1 ignition coil control		76	-	-	
27	B	ECU grounded		77	Br	A/C compressor relay control	
28	B	ECU grounded		78	G/R	Cylinder 2 fuel injector control	

CI - 100

Definition of harness plug

29	B	ECU grounded		79	W/L	Cylinder 3 fuel nozzle control	
30	R	Crankshaft position signal		80	G/W	Cylinder 1 fuel nozzle control	
31	-	-		81	Br/W	Cylinder 4 fuel nozzle control	
32	W/Y	Throttle position signal		82	Y/Gr	SVS indicator lamp signal	
33	-	-		83	-	-	
34	B/R	Throttle position signal		84	-	-	
35	-	-		85	-	-	
36	-	-		86	-	-	
37	-	-		87	-	-	
38	-	-		88	B/Y	Front oxygen sensor heating control	
39	G/Y	Water temperature signal		89	-	-	
40	W	Front oxygen sensor signal		90	B/W	Rear oxygen sensor heating control	
41	G/W	Blower switch signal		91	-	-	
42	V/B	5V grounded		92	Gr/O	MIL indicator lamp signal	
43	L/G	5V power		93	-	-	
44	W/V	5V grounded		94	B	Main relay control	
45	G/W	5V grounded		95	B/L	Canister solenoid valve control	
46	Y/W	5V power		96	W/G	Oil pump relay control	
47	L/Y	IG1 power (+)		97	G	Engine rotation speed signal	
48	-	-		98	-	-	
49	L/R	Throttle valve motor high-level		100	B/W	OCV valve control	
50	W/L	Main relay control power (+)		101	-	-	

Description of front left door harness plug

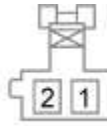
D1: To front left alt horn



AMP174463-1

Terminal No.	Color	Function	Remark
1	Br	Loudspeaker (-)	
2	W	Loudspeaker (+)	

D3: To front left door lamp



DJ7026Y-2.2-21

Terminal No.	Color	Function	Remark
1	B/O	Door lamp (+)	
2	G/R	Door lamp (-)	

D4: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	B/O	Door lock switch signal	

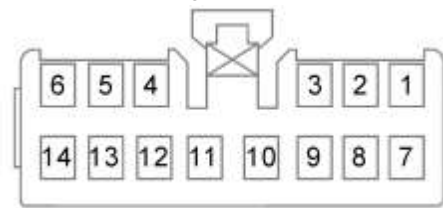
D7: To front left bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	Br	Loudspeaker (-)	
2	W	Loudspeaker (+)	

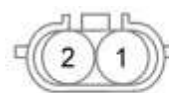
D2: To glass lift switch



KET MG651110

Terminal No.	Color	Function	Remark
1	R	Sub-switch power	
2	Gr	Front right door glass descending	
3	P	Small lamp (+)	
4	G	Front right door ascending	
5	Br	Front left door descending	
6	O	Front left door ascending	
7	Y	Rear right door glass descending	
8	W	Rear right door glass ascending	
9	L	Rear left door glass descending	
10	B	Small lamp (-)	
11	Y	Main switch power	
12	P	Rear left door glass ascending	
13	Y	Door lock- locking	
14	P	Door lock -unlocking	

D5: To front left door glass lift motor



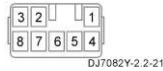
DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Front left door glass ascending	
2	Br	Front left door glass descending	

CI - 102

Definition of harness plug

D6: To left exterior rear-view mirror



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W/L	Rear-view mirror upward (+)		5	-	-	
2	Br/W	Rear-view mirror leftward (+)		6	R	Defroster (+)	
3	Y	Turning lamp (+)		7	B	Defroster (-)	
4	B	Turning lamp (-)		8	G/L	Rear-view mirror downward, rightward (+)	

D8: Harness plug (to vehicle frame harness)



No. of Terminal R	Color	Function	Remark	No. of Terminal L	Color	Function	Remark
1	R	Sub-switch power		1	W	Loudspeaker (+)	
2	P	Small lamp (+)		2	Br	Loudspeaker (-)	
3	G	Front right door glass ascending		3	Gr	Door locking (+)	
4	Gr	Front right door glass descending		4	B/O	Door lock switch signal	
5	P	Rear left door glass ascending		5	G	Door unlocking (+)	
6	L	Rear left door glass descending		6	Y	Turning lamp (+)	
7	Y	Rear right door glass descending		7	G/L	Rear-view mirror downward, rightward (+)	
8	W	Rear right door glass ascending		8	Br/W	Rear-view mirror leftward (+)	
9	B	Small lamp (-)		9	W/L	Rear-view mirror upward (+)	
10	Y	Main switch power		10	R	Defroster (+)	
11	-	-		11	B/O	Door lamp (+)	
12	-	-		12	G/R	Door lamp (+)	
13	-	-		13	-	-	
14	-	-		14	Y	Door lock- locking	
15	-	-		15	P	Door lock- unlocking	
16	-	-		16	-	-	
17	-	-		17	B	Grounded	
18	-	-		18	-	-	

Definition of harness plug

CI - 103

Description of front right door harness plug

D9: To front right door lamp



DJ7026Y-2.2-21

Terminal No.	Color	Function	Remark
1	B/O	Door lamp (+)	
2	Gr/B	Door lamp (-)	

D11: To front right bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	O	Loudspeaker (-)	
2	G	Loudspeaker (+)	

D13: To front right alt horn



AMP174463-1

Terminal No.	Color	Function	Remark
1	O	Loudspeaker (-)	
2	G	Loudspeaker (+)	

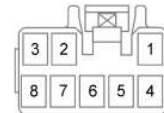
D16: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	G/O	Door lock switch signal	

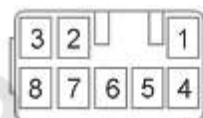
D10: To glass lift switch



KET MG651050

Terminal No.	Color	Function	Remark
1	Br	Front left door glass descending	
2	-	-	
3	O	Front left door glass ascending	
4	Gr	Main switch control descending	
5	P	Small lamp (+)	
6	R	Main switch power	
7	B	Small lamp (-)	
8	G	Main switch control ascending	

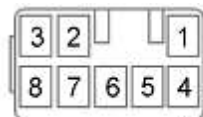
D14: To right exterior rear-view mirror



DJ7082Y-2.2-21

Terminal No.	Color	Function	Remark
1	W/G	Rear-view mirror upward (+)	
2	Br/Y	Rear-view mirror leftward (+)	
3	Y/R	Steering lamp (+)	
4	B	Steering lamp (-)	
5	-	-	
6	R	Defroster (+)	
7	B	Defroster (-)	
8	G/R	Rear-view mirror downward, rightward (+)	

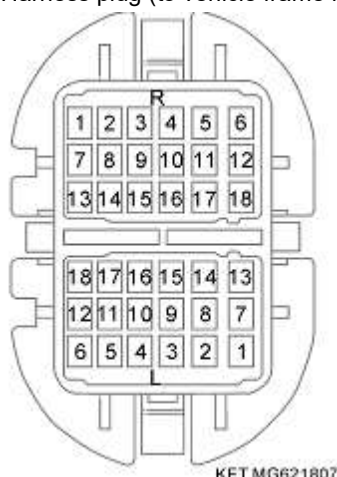
D15: To front right door glass lift motor



DJ7082Y-2.2-21

Terminal No.	Color	Function	Remark
1	O	Front right door glass ascending	
2	Br	Front right door glass descending	

D12: Harness plug (to vehicle frame harness)



No. of Terminal R	Color	Function	Remark	No. of Terminal L	Color	Function	Remark
1	O	Loudspeaker (-)		1	-	-	
2	G	Loudspeaker (+)		2	-	-	
3	Gr	Door locking (+)		3	-	-	
4	G/O	Door lock switch signal		4	-	-	
5	G	Door unlocking (+)		5	-	-	
6	Y/R	Steering lamp (+)		6	-	-	
7	G/R	Rear-view mirror downward, rightward (+)		7	-	-	
8	Br/Y	Rear-view mirror leftward (+)		8	-	-	
9	W/G	Rear-view mirror upward (+)		9	-	-	
10	R	Defroster (+)		10	-	-	
11	G	Main switch control ascending		11	-	-	
12	R	Main switch power		12	-	-	
13	Gr	Main switch control descending		13	-	-	
14	P	Small lamp (+)		14	-	-	
15	B/O	Door lamp (+)		15	-	-	
16	Gr/B	Door lamp (-)		16	-	-	
17	B	Small lamp (-)		17	-	-	
18	B	Grounded		18	-	-	

Definition of harness plug

CI - 105

Description of rear left door harness plug

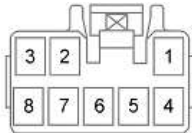
D17: To rear left bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	Y	Loudspeaker (-)	
2	Y/B	Loudspeaker (+)	

D19: To glass lift switch



KET MG651050

Terminal No.	Color	Function	Remark
1	Br	Rear left door glass descending	
2	-	-	
3	O	Rear left door glass ascending	
4	L	Main switch control descending	
5	P	Small lamp (+)	
6	R	Switch power	
7	B	Small lamp (-)	
8	P	Main switch control ascending	

D18: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	-	-	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	-	-	

D20: To rear left door glass lift motor



DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Rear left door glass ascending	
2	Br	Rear left door glass descending	
8			

D21: Harness plug (to vehicle frame harness)



AMP 85216-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	P	Small lamp (+)		7	P	Main switch control ascending	
2	G	Door unlocking (+)		8	P	Small lamp (+)	
3	-	-		9	Y	Loudspeaker (-)	
4	Gr	Door locking (+)		10	Y/B	Loudspeaker (+)	
5	L	Main switch control descending		11	-	-	
6	R	Glass lift switch power					

CI - 106

Definition of harness plug

Description of rear right door harness plug

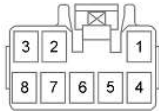
D22: To rear right bass horn



DJ7022-A 3-21

Terminal No.	Color	Function	Remark
1	L	Loudspeaker (-)	
2	L/O	Loudspeaker (+)	

D25: To glass lift switch



KFT MG651050

Terminal No.	Color	Function	Remark
1	Br	Front left door glass descending	
2	-	-	
3	O	Front left door glass ascending	
4	Y	Main switch control descending	
5	P	Small lamp (+)	
6	R	Switch power	
7	B	Small lamp (-)	
8	W	Main switch control ascending	

D24: To rear left door glass lift motor



DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Rear right door lass ascending	
2	Br	Rear right door lass descending	

D26: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	-	-	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6			

D23: Harness plug (to vehicle frame harness)



AMP 85216-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	B	Small lamp (-)		7	P	Main switch control descending	
2	G	Door unlocking (+)		8	P	Small lamp (+)	
3	-	-		9	L	Loudspeaker (-)	
4	Gr	Door locking (+)		10	L/O	Loudspeaker (+)	
5	W	Main switch control ascending		11	-	-	
6	R	Glass lift switch power					

Definition of harness plug

CI - 107

Description of engine harness plug

E1: To front left fog lamp



DJ70220Y-2.2-20

Terminal No.	Color	Function	Remark
1	O	Fog lamp (+)	
2	B	Fog lamp (-)	

E3: To radiator fan



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	P	Radiator fan (-)	
2	L	Radiator fan (+)	

E5: To ambient air temperature sensor



KET MG640605

Terminal No.	Color	Function	Remark
1	Lg	Sensor signal	
2	R/O	Sensor (-)	

E6: To bass horn



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	B	Horn (-)	
2	P	Horn (+)	

E8: To condenser fan



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	G	Condenser fan (+)	
2	B	Condenser fan (-)	

E2: To left combined headlamp



DJ70510Y-2.2-30

Terminal No.	Color	Function	Remark
1	Y	Headlamp (+)	
2	B	Headlamp grounded	
3	G	Headlamp (-)	
4	-	-	
5	B	Position lamp (-)	
6	G/L	Position lamp (+)	

E4: To alt horn



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	B	Horn (-)	
2	P	Horn (+)	

E7: To A/C compressor



MG610278

Terminal No.	Color	Function	Remark
1	R	Compressor (+)	

E9: To washer motor



KET MG640605

Terminal No.	Color	Function	Remark
1	G/Y	Washer motor (+)	
2	W/R	Washer motor (-)	

CI - 108

Definition of harness plug

E10: To front right fog lamp



DJ70220Y-2.2-20

Terminal No.	Color	Function	Remark
1	O	Fog lamp (+)	
2	B	Fog lamp (-)	

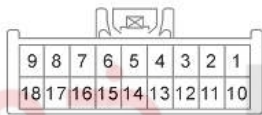
E12: To right regulator motor



AMP282191-1

Terminal No.	Color	Function	Remark
1	R/W	Regulator motor (-)	
2	Br	Headlamp regulator switch signal	
3	B	Grounded	

E18: Harness plug (to main harness)



AMP 936204-1

Terminal No.	Color	Function	Remark
1	W	-	
2	P/W	-	
3	R	-	
4	R/W	-	
5	Br	-	
6	Gr/B	-	
7	G	-	
8	Y	-	
9	L	-	
10	G/W	-	
11	W	-	
12	Lg	-	
13	R/O	-	
14	L	-	
15	G/L	-	
16	W	-	
17	W	-	
18	Br	-	

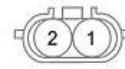
E11: To right combined headlamp



DJ70610Y-2 2-20

Terminal No.	Color	Function	Remark
1	Y	Low-beam lamp (+)	
2	B	Headlamp grounded	
3	G	High-beam lamp (+)	
4	-	-	
5	B	Position lamp (-)	
6	L/W	Position lamp (+)	

E13: To front right turning lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	B	Steering lamp (-)	
2	Y/P	Steering lamp (+)	

E14: To front right wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	O	Wheel speed sensor signal	
2	G	Wheel speed sensor (+)	

E16: To 3-element pressure switch



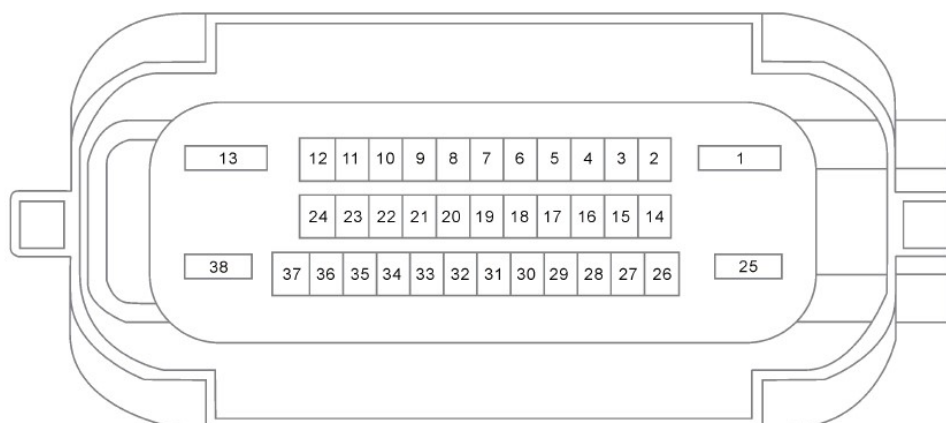
AMP 174257-2

Terminal No.	Color	Function	Remark
1	Y	A/C request signal	
2	Y/B	High/low-voltage switch (+)	
3	Y/B	Medium-voltage switch (+)	
4	G	Medium-voltage switch signal	

Definition of harness plug

CI - 109

E15: To ABS control unit



BOSCH 1928405167

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	Motor power		20	L	Rear left wheel speed sensor signal	
2	-	-		21	-	-	
3	-	-		22	L	Front left wheel speed sensor signal	
4	G	ABS malfunction warning lamp		23	-	-	
5	-	-		24	-	-	
6	O	Front right wheel speed sensor signal		25	R	Valve relay power	
7	-	-		26	-	-	
8	-	-		27	Br/L	Wheel speed sensor output	
9	-	-		28	-	-	
10	-	-		29	-	-	
11	-	-		30	W	Brake lamp switch input	
12	-	-		31	W	Rear right wheel speed sensor signal	
13	B	Motor grounded		32	R	ABS control unit power	
14	-	-		33	Y	Rear left wheel speed sensor power	
15	-	-		34	R	Front left wheel speed sensor power	
16	Gr/B	EBD malfunction indicator lamp		35	-	-	
17	Br	Diagnosis K-wire		36	-	-	
18	G	Front right wheel speed sensor power		37	-	-	
19	Br	Rear right wheel speed sensor power		38	B	ABS control unit grounded	

E17: To battery B+



D.1433-6-15

Terminal No.	Color	Function	Remark
1	R	Battery power	

E21: To interior electrical box (I/P-C)



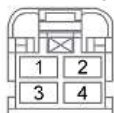
KET MG610658

Terminal No.	Color	Function	Remark
1	R/Y	Battery power	

CI - 110

Definition of harness plug

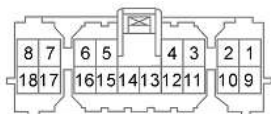
E19: Harness plug (to main harness)



KET MG610267

Terminal No.	Color	Function	Remark
1	R	-	
2	R	-	
3	-	-	
4	V/W	-	

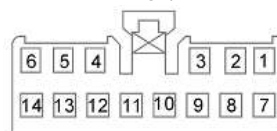
E22: To interior electrical box (I/P-D)



AMP 1-368186-1

Terminal No.	Color	Function	Remark
1	W/L	-	
2	-	-	
3	R	-	
4	Y/R	-	
5	R/B	-	
6	-	-	
7	-	-	
8	-	-	
9	R	-	
10	Y	-	
11	-	-	
12	-	-	
13	v		
14	-	-	
15	L/W	-	
16	G/L	-	
17	-	-	
18	-	-	

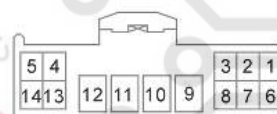
E20: Harness plug (to main harness)



KET MG651110

Terminal No.	Color	Function	Remark
1	O/W	-	
2	R/W	-	
3	R	-	
4	W/R	-	
5	G	-	
6	R/B	-	
7	LY	-	
8	Y/B	-	
9	L/B	-	
10	R/B	-	
11	B	-	
12	W/R	-	
13	W	-	
14	Br	-	

E23: To interior electrical box (I/P-F)



AMP 368451-1

Terminal No.	Color	Function	Remark
1	R	-	
2	-	-	
3	O	-	
4	G/Y	-	
5	-	-	
6	-	-	
7	-	-	
8	O	-	
9	-	-	
10	-	-	
11	-	-	
12	R	-	
13	R/B	-	
14	R	-	

Definition of harness plug

CI - 111

E24: Harness plug (to engine control harness)

42	37	32	27	22	17	12	8	4
41	36	31	26	21	16	11	7	3
40	35	30	25	20	15	10	6	2
39	34	29	24	19	14	9	5	1
38	33	28	23	18	13			

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	-		22	G	-	
2	W/L	-		23	B/W	-	
3	W	-		24	B/L	-	
4	R	-		25	Y/O	-	
5	Y/G	-		26	Gr	-	
6	G	-		27	-	-	
7	R	-		28	-	-	
8	B	-		29	-	-	
9	L	-		30	-	-	
10	W	-		31	-	-	
11	R	-		32	-	-	
12	-	-		33	-	-	
13	-	-		34	-	-	
14	L	-		35	-	-	
15	-	-		36	-	-	
16	-	-		37	-	-	
17	-	-		38	-	-	
18	-	-		39	-	-	
19	-	-		40	-	-	
20	Y	-		41	-	-	
21	-	-		42	-	-	

E25: To front left wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	L	Wheel speed sensor signal	
2	R	Wheel speed sensor (+)	

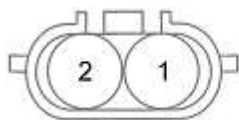
E27: Harness plug (to power harness)



PB625-04027

Terminal No.	Color	Function	Remark
1	O/W	-	
2	W/R	-	
3	P	-	
4	-	-	

E28: To front left turning lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Y	Turning lamp (+)	
2	B	Turning lamp (-)	

G4: Left vehicle body grounding wire



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

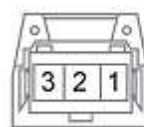
G6: ABS grounding wire



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

E29: To left regulator motor



AMP282191-1

Terminal No.	Color	Function	Remark
1	R/B	Regulator motor (+)	
2	R/W	Headlamp regulator switch signal	
3	B	Grounded	

G5: Left vehicle body grounding wire



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

دیجیتال خودرو

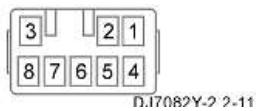
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



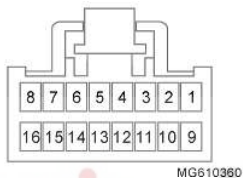
Description of vehicle frame harness plug

F1: To rear fog lamp



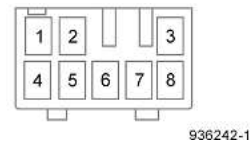
Terminal No.	Color	Function	Remark
1	B	Grounding wire	
2	Y/L	Turning lamp (+)	
3	W	Brake lamp (+)	
4	-	-	
5	-	-	
6	-	-	
7	L/W	Position lamp (+)	
8	-	-	

F3: To backup radar controller



Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	G/B	Left probe signal	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	R/W	IG2 power	
9	B	Grounded	
10	L/R	Right probe signal	
11	G	Buzzer control	
12	-	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	

F2: To middle probe



Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Left probe (-)	
3	G/B	Left probe signal	
4	B	Right probe (-)	
5	L/R	Right probe signal	
6	B	Rear fog lamp (-)	
7	L/B	Rear fog lamp (+)	
8	B	Middle probe (-)	

F4: Harness plug (to vehicle frame harness)



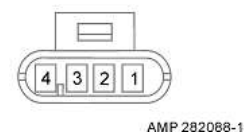
Terminal No.	Color	Function	Remark
1	O/B	Wheel speed sensor signal	
2	G/L	Wheel speed sensor (+)	

F5: To door switch



Terminal No.	Color	Function	Remark
1	-	-	
2	G/W	Instrument control indicator	
3	B	Grounded	

F6: To fuel pump



Terminal No.	Color	Function	Remark
1	B	Fuel pump motor (-)	
2	R/B	Fuel pump motor (+)	
3	B	Fuel sensor grounded	
4	V	Fuel sensor signal	

CI - 114

Definition of harness plug

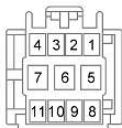
F7: To door switch



KET MG611530

Terminal No.	Color	Function	Remark
1	G/R	Front left door lamp control	
2	G/W	Instrument indicator control	
3	B	Grounded	

F8: Harness plug (to rear left door harness)



AMP 85218-1

Terminal No.	Color	Function	Remark
1	B	Small lamp (-)	
2	G	Small lamp (-)	
3	-	-	
4	Gr	Door locking (+)	
5	L	Main switch control descending	
6	R	Glass lift switch power	
7	P	Main switch control ascending	
8	P	Small lamp (+)	
9	Y	Loudspeaker (-)	
10	Y/B	Loudspeaker (+)	
11	-	-	

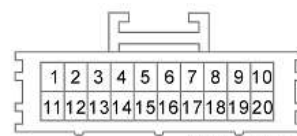
F9: To electric seat



MG610267

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	-	-	
3	R	Power	
4	-	-	

F10: To short-circuiter



KET MG651827-7

Terminal No.	Color	Function	Remark
1	Gr	-	
2	Gr	-	
3	Gr	-	
4	Gr	-	
5	Gr	-	
6	G	-	
7	G	-	
8	G	-	
9	G	-	
10	-	-	
11	W/G	-	
12	W/G	-	
13	W/G	-	
14	R	-	
15	R	-	
16	R	-	
17	R	-	
18	-	-	
19	-	-	
20	-	-	

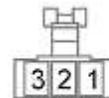
F18: To hand brake switch



KET MG610041

Terminal No.	Color	Function	Remark
1	L/O	Switch power	

F19: To safety belt switch



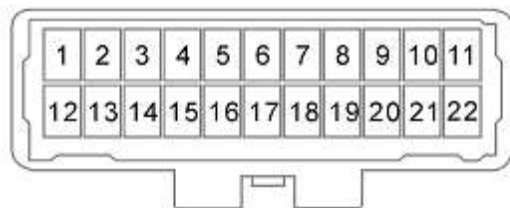
KET MG651032

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	-	-	
3	G/Y	Instrument indicator control	

Definition of harness plug

CI - 115

F11: Harness plug (to main harness)



AMP 936154-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		12	L	-	
2	L/O	-		13	Y	-	
3	Y/B	-		14	O	-	
4	G	-		15	Br	-	
5	W	-		16	L/O	-	
6	R/Y	-		17	G/Y	-	
7	R	-		18	W	-	
8	Br	-		19	R/B	-	
9	W	-		20	V	-	
10	G/L	-		21	B	-	
11	O/B	-		22	G	-	

F12: Harness plug (to main harness)



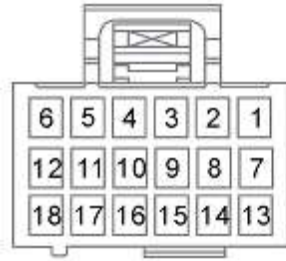
AMP 936213-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	-		10	G/W	-	
2	B	-		11	W/Y	-	
3	-	-		12	G/R	-	
4	-	-		13	Gr/B	-	
5	-	-		14	B/O	-	
6	G/Y	-		15	P	-	
7	B/O	-		16	Y	-	
8	G	-		17	-	-	
9	Gr	-		18	-	-	

CI - 116

Definition of harness plug

F13: Harness plug (to front left door harness)



KET MG611810-41

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	Sub-switch power		10	Y	Main switch power	
2	P	Small lamp (+)		11	-	-	
3	G	Front right door glass ascending		12	-	-	
4	Gr	Front right door glass descending		13	-	-	
5	P	Rear left door glass ascending		14	-	-	
6	L	Rear left door glass descending		15	-	-	
7	B/O	Rear right door glass ascending		16	-	-	
8	G	Rear right door glass descending		17	-	-	
9	B	Small lamp (-)		18	-	-	

F14: Harness plug (to front left door harness)



KET Mg611809

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	Loudspeaker (+)		10	R	Defroster (+)	
2	Br	Loudspeaker (-)		11	B/O	Door lamp (+)	
3	Gr	Door locking (+)		12	G/R	Door lamp (-)	
4	B/O	Door lock switch signal		13	-	-	
5	G	Door unlocking (+)		14	Y	Door lock- locking	
6	Y	Turning lamp (+)		15	P	Door lock- unlocking	
7	G/L	Rear-view mirror downward, rightward (+)		16	-	-	
8	Br/W	Rear-view mirror leftward (+)		17	B	Grounded	
9	W/L	Rear-view mirror upward (+)		18	-	-	

G7: Rear left grounding wire of vehicle body



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

G8: Front grounding wire of vehicle body



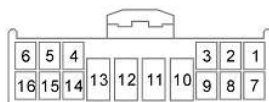
KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

Definition of harness plug

CI - 117

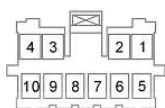
F15: To interior electrical box (I/P-A)



AMP368454-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	L/W	-		9	-	-	
2	B/O	-		10	R	-	
3	-	-		11	-	-	
4	R	-		12	-	-	
5	R	-		13	Y	-	
6	-	-		14	-	-	
7	W/G	-		15	Br/R	-	
8	-	-		16	L/B	-	

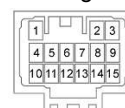
F16: To interior electrical box (I/P-B)



AMP 1-368178-1

Terminal No.	Color	Function	Remark
1	-	-	
2	Y/L		
	Y		
3	-	-	
4	Y/R		
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	

F17: Front grounding wire of vehicle body



KET M0641071

Terminal No.	Color	Function	Remark
1	Br/R	-	
2	-	-	
3	-	-	
4	W/G	-	
5	Br/Y	-	
6	G/R	-	
7	W/L	-	
8	Br/W	-	
9	G/L	-	
10	P	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	

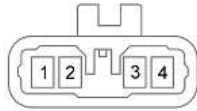
F21: To high-position brake lamp



174463-1

Terminal No.	Color	Function	Remark
1	W	Brake lamp (+)	
2	B	Brake lamp (-)	

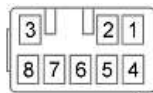
F20: Harness plug (to tail door harness)



KET MG641041

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W/G	License plate lamp (+)	
3	R/W	Backup lamp (+)	
4	-	-	

F24: To rear right combined lamp



DJ7082Y-2.2-11

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	Y/R	Turning lamp (+)	
3	W	Brake lamp (+)	
4	-	-	
5	-	-	
6	-	-	
7	W/G	Position lamp (+)	
8	-	-	

F28: To door switch



KET MG611530

Terminal No.	Color	Function	Remark
1	Gr/B	Front right door lamp control	
2	G/W	Instrument indicator control	
3	B	Grounded	

F29: To rear right wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	W	Wheel speed sensor signal	
2	Br	Wheel speed sensor (+)	

F22: To luggage compartment lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	B/O	Luggage compartment (+)	

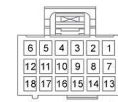
F23: To luggage compartment lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	W/Y	Luggage compartment lamp (+)	

F25: Harness plug (to front right door harness)



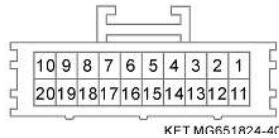
KET MG611810-41

Terminal No.	Color	Function	Remark
1	G	Loudspeaker (+)	
2	O	Loudspeaker (-)	
3	Gr	Door locking (+)	
4	G/Y	Door lock switch signal	
5	G	Door unlocking (+)	
6	Y/R	Turning lamp (+)	
7	G/R	Rear-view mirror downward, rightward (+)	
8	Br/Y	Rear-view mirror leftward (+)	
9	W/G	Rear-view mirror upward (+)	
10	R	Defroster (+)	
11	G	Main switch control ascending	
12	R	Main switch power	
13	Gr	Main switch control descending	
14	P	Small lamp (+)	
15	B/O	Door lamp (+)	
16	Gr/B	Door lamp (-)	
17	B	Small lamp (-)	
18	B	Grounded	

Definition of harness plug

CI - 119

F26: To short circuiter



Terminal No.	Color	Function	Remark
1	P	-	
2	P	-	
3	P	-	
4	P	-	
5	P	-	
6	-	-	
7	W	-	
8	W	-	
9	W	-	
10	W	-	
11	B/O	-	
12	B/O	-	
13	B/O	-	
14	B/O	-	
15	B/O	-	
16	GW	-	
17	GW	-	
18	GW	-	
19	GW	-	
20	GW	-	

F32: To door switch



Terminal No.	Color	Function	Remark
1	-		
2	GW	Instrument indicator control	
3	B	Grounded	

F27: Harness plug (to rear right door harness)



Terminal No.	Color	Function	Remark
1	B	Small lamp (-)	
2	G	Door unlocking (+)	
3	-	-	
4	Gr	Door locking (+)	
5	W	Main switch control ascending	
6	R	Glass lift switch power	
7	Y	Main switch control descending	
8	P	Small lamp (+)	
9	L	Loudspeaker (-)	
10	L/O	Loudspeaker (+)	
11	-	-	

F30: To rear defroster power



Terminal No.	Color	Function	Remark
1	R	Rear defroster (+)	

F31: To antenna amplifier



Terminal No.	Color	Function	Remark
1	R/Y	Antenna amplifier (+)	

G9: Rear right grounding wire of vehicle body



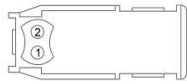
Terminal No.	Color	Function	Remark
1	B	Grounding wire	

CI - 120

Definition of harness plug

Description of main harness plug

M1: To assistant's seat safety belt



Terminal No.	Color	Function	Remark
1	L/B	Pre-tightening motor (-)	
2	W	Pre-tightening motor (+)	

M3: To Anti-theft



174195-1

Terminal No.	Color	Function	Remark
1	W	Main relay control power	

M4: To Anti-theft



HCAR090S3R-04

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	R	Power	
3	R/W	Fuel pump relay power	
4	W	Main relay control power	

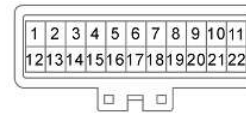
M5: To door lock relay



DJ7091-3-21

Terminal No.	Color	Function	Remark
1	B	Door unlocking relay grounded	
2	R	Door unlocking relay (+)	
3	Gr	Door locking motor (+)	
4	B	Door locking relay grounded	
5	G	Door unlocking motor (+)	
6	P/W	Electric window switch unlocking	
7	R	Door locking relay (+)	
8	Y/W	Electric window switch locking	
9	R	Door lock relay (+)	

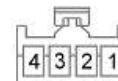
M2: Harness plug (to engine control wire)



AMP 936154-1

Terminal No.	Color	Function	Remark
1	G/Y	-	
2	G/B	-	
3	L/G	-	
4	G	-	
5	L	-	
6	W/G	-	
7	R/W	-	
8	-	-	
9	-	-	
10	-	-	
11	G/W	-	
12	P	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	G/R	-	
19	-	-	
20	-	-	
21	L	-	
22	-	-	

M8: To steering wheel switch



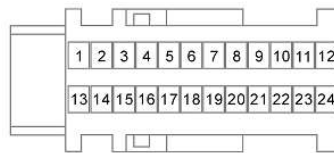
DJ7044Y-1.5-21

Terminal No.	Color	Function	Remark
1	B	Horn switch	
2	-	-	
3	-	-	
4	-	-	

Definition of harness plug

CI - 121

M6: To SRS controller



AMP 284223-3

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Diagnosis wire		13	-	-	
2	-	-		14	-	-	
3	-	-		15	Y	Driver's seat airbag, low	
4	-	-		16	L	Driver's seat airbag, high	
5	L/O	Impact signal output		17	W/B	Assistant's seat airbag, low	
6	-	-		18	G/B	Assistant's seat airbag, high	
7	-	-		19	L/W	Driver's seat safety belt, low	
8	-	-		20	O	Driver's seat safety belt, high	
9	-	-		21	W	Assistant's seat safety belt, high	
10	-	-		22	L/B	Assistant's seat safety belt, low	
11	-	-		23	B	Grounded	
12	P	Power		24	W	SRS warning lamp	

M9: To anti-theft relay



161937501 B

Terminal No.	Color	Function	Remark
1	-	-	
2	V	Power	
3	L/W	Relay power output	
4	P	Relay control	
5	V	Power	

M11: To driver's seat safety belt



Terminal No.	Color	Function	Remark
1	L/W	Pre-tightening motor (-)	
2	O	Pre-tightening motor (+)	

M16: To rear-view mirror switch



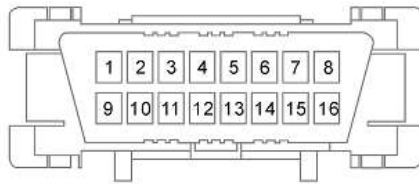
AMP 173850-1

Terminal No.	Color	Function	Remark
1	G/L	Left rear-view mirror downward, rightward	
	G/R	Right rear-view mirror downward, rightward	
2	-	-	
3	Br/W	Left rear-view mirror leftward	
4	W/G	Right rear-view mirror upward	
5	W/L	Left rear-view mirror upward	
6	B	Grounded	
7	Br/R	Power	
8	Br/Y	Right rear-view mirror leftward	

CI - 122

Definition of harness plug

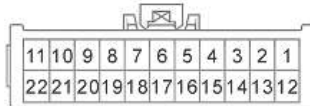
M10: To diagnosis interface



179631-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		9	-	-	
2	-	-		10	-	-	
3	-	-		11	W/Y	ETACS data wire	
4	B	Grounded		12	G	SRS data wire	
5	B	Signal wire grounded		13	-	-	
6	-	-		14	L/G	VSS signal wire	
7	G/B	Diagnosis wire		15	-	-	
8	Br	ABS data wire		16	R	Power supply	

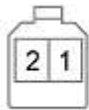
M12: Harness plug (to vehicle frame harness)



AMP 936151-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		12	L	-	
2	L/O	-		13	Y	-	
3	Y/B	-		14	O	-	
4	G	-		15	Br	-	
5	W	-		16	L/O	-	
6	R/Y	-		17	G/Y	-	
7	R	-		18	W	-	
8	Br	-		19	R/B	-	
9	W	-		20	V	-	
10	Y	-		21	B	-	
11	L	-		22	G	-	

M23: To backup radar buzzer



AMP 174056-2

Terminal No.	Color	Function	Remark
1	G	Buzzer (+)	
2	B	Grounded	

G10: SRS grounding wire



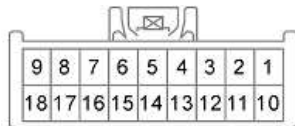
DJ431-6A

Terminal No.	Color	Function	Remark
1	B	Grounding point	

Definition of harness plug

CI - 123

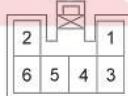
M13: Harness plug (to vehicle frame harness)



AMP 936204-1

Terminal No.	Color	Function	Remark
1	R	-	
2	B	-	
3	-	-	
4	-	-	
5	-	-	
6	G/Br	-	
7	B/O	-	
8	G	-	
9	Gr	-	
10	G/W	-	
11	W/Y	-	
12	G/R	-	
13	Gr/B	-	
14	B/O	-	
15	P/W	-	
16	Y	-	
17	-	-	
18	-	-	

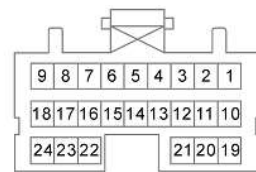
M18: To dimmer switch



MG651044

Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
3	B	-	
4	W/G	-	
	Gr	-	
5	Gr	-	
6	B	-	
	P	-	

M7: To ETACS



AMP 316371-1

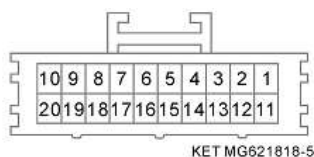
Terminal No.	Color	Function	Remark
1	G	Door control signal	
2	P	Anti-theft relay	
3	L	Front wiper relay	
4	V	Rear defroster relay	
5	-	-	
6	R	Rear fog lamp relay	
7	-	-	
8	W	Door locking relay	
9	-	-	
10	G	Memory power	
11	P/W	Door unlocking relay	
12	W/Y	Tail door switch	
13	G	Small lamp relay	
14	L/B	Anti-theft alarm	
15	Gr	Electric door window relay	
16	-	-	
17	Gr/B	Front right door switch	
18	G	Hazard warning relay	
19	B	Grounded	
20	W	Key hole lighting	
21	-	-	
22	-	-	
23	-	-	
24	L/G	VSS signal	

M25: To assistant's seat safety airbag



Terminal No.	Color	Function	Remark
1	W/B	Assistant's seat airbag (+)	
2	G/B	Assistant's seat airbag (-)	

M20: To short circuiter



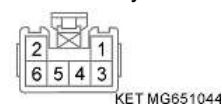
Terminal No.	Color	Function	Remark
1	P	-	
2	P	-	
3	P	-	
4	P	-	
5	P	-	
6	P	-	
7	P	-	
8	-	-	
9	-	-	
10	-	-	
11	Gr	-	
12	Gr	-	
13	Gr	-	
14	Gr	-	
15	Gr	-	
16	Gr	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	

M26: To Anti-theft



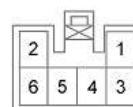
Terminal No.	Color	Function	Remark
1	L/G	-	
2	L/B	-	
3	Y/L		
4	Y/R		
5	-	-	
6	-	-	
7	Gr	-	
8	-	-	

M22: To key switch



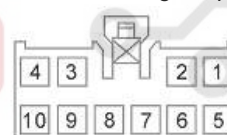
Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
3	R/O	-	
4	W	-	
5	R/O	-	
6	G	-	

M17: To headlamp regulator switch



Terminal No.	Color	Function	Remark
1	B	-	
2	W/G	-	
3	W/G	-	
4	Br	-	
5	R/W	-	
6	B	-	

M24: To warning lamp switch

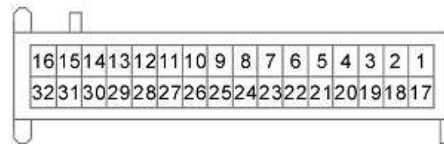


Terminal No.	Color	Function	Remark
1	-	-	
2	P		
3	Gr		
4	-	-	
5	R	-	
6	Br/W	-	
7	R/W	-	
8	G	-	
9	Y/R	-	
10	Y/L	-	

Definition of harness plug

CI - 125

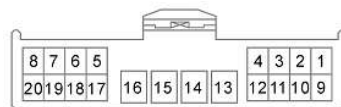
M21: To combined instrument



AMP 1719057-2

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	Y/L	Left turning indicator lamp		17	Y/R	Right turning indicator lamp	
2	G/W	Brake malfunction warning lamp		18	R/O	Battery power	
3	W/Y	Luggage compartment-open indicator lamp		19	V	IG1 power	
4	G	ABS malfunction indicator lamp		20	Gr/B	EBD malfunction indicator lamp	
5	G	High-beam indicator lamp		21	Gr	Lighting lamp (-)	
6	W	SRS indicator lamp		22	P	Lighting lamp (+)	
7	O	Front fog lamp indicator lamp		23	B	Instrument lighting grounded	
8	L	EPC malfunction indicator lamp		24	G	ECT signal	
9	G	Rear fog lamp indicator lamp		25	V	Fuel consumption signal	
10	W/G	EOBD indicator lamp		26	-	-	
11	-	-		27	G/Y	Safety belt-unfastened warning lamp	
12	B	Grounded		28	W	Main relay power	
13	-	-		29	O/W	Charging indicator lamp	
14	-	-		30	L/Y	Oil pressure warning lamp	
15	L/G	VSS signal		31	-	-	
16	G/Y	RPM signal		32	G/W	Door-open warning lamp	

M14: To interior electrical box (I/P-H)



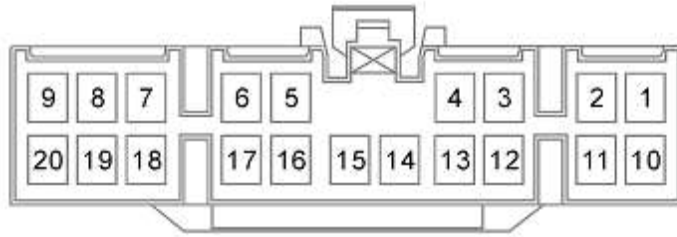
AMP 368457-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		11	-	-	
2	-	-		12	G/O	-	
3	-	-		13	R/Y	-	
4	-	-		14	L/W	-	
5	-	-		15	O	-	
6	Y/R	-		16	-	-	
7	-	-		17	-	-	
8	-	-		18	Y/R	-	
9	R	-		19	-	-	
10	L	-		20	R	-	

CI - 126

Definition of harness plug

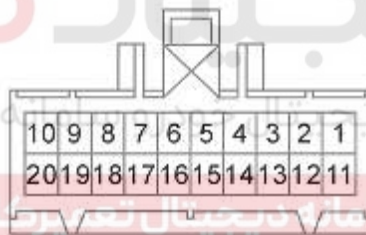
M29: Harness plug (to A/C harness)



KET MG651080

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		11	Y/R	-	
2	W/B	-		12	R/O	-	
3	O/B	-		13	V	-	
4	G/O	-		14	GrB	-	
5	Y	-		15	Gr	-	
6	R/O	-		16	P	-	
7	-	-		17	B	-	
8	-	-		18	G	-	
9	-	-		19	V	-	
10	Br/W	-		20	-	-	

M32: To A/C control panel



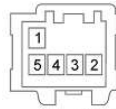
AMP 172850-2

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	Gr	Small lamp (-)		11	Y/B	3-element pressure switch signal	
2	P	Small lamp (+)		12	-	-	
3	L	Battery power		13	W	Sunlight sensor (+)	
4	G/Y	FET (G)		14	G	Sunlight sensor (-)	
5	G	FET (D)		15	L/B	Inside and outside cycled throttle motor signal	
6	R	Inside and outside cycled throttle motor (+)		16	W	Inside and outside cycled throttle motor (-)	
7	Br/W	Throttle motor (+)		17	Br/O	Throttle motor (-)	
8	W/Y	Rear defroster switch		18	R	Rear defroster switch	
9	R/B	IG2 power		19	R/O	IG2 power	
10	B	Grounded		20	B	Grounded	

Definition of harness plug

CI - 127

M19: To automatic lamplight sensor



KUM PH841-05010

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W	Sensor (+)	
3	L/B	Automatic lamplight switch	
4	W/R	Low-beam relay control	
5	G	Small lamp-on signal	

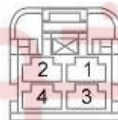
M27: To glove box lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	P	Glove box lamp (+)	

M30: Harness plug (to A/C harness)



KET MG610267

Terminal No.	Color	Function	Remark
1	V/W	-	
2	B	-	
3	G/Y	-	
4	G	-	

M31: To Anti-theft



174196-1

Terminal No.	Color	Function	Remark
1	R/W	Fuel pump relay power	

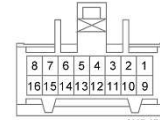
M34: To on-board power



DJ7022Y-6.3-21

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	R	Power (+)	

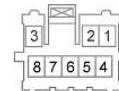
M33: To A/C control panel



AMP 172852-2

Terminal No.	Color	Function	Remark
1	Br/W	Interior air temperature sensor (+)	
2	P	Blower switch signal	
3	Lg	5V power	
4	W	Evaporator temperature sensor power	
5	L	Humidity/temperature sensor power	
6	G	Rear fog lamp switch	
7	-	-	
8	G/O	5V power	
9	Br/L	Interior air temperature sensor (-)	
10	Br/Y	5V power	
11	-	-	
12	O/B	Mode throttle motor (-)	
13	W/B	Mode throttle motor (+)	
14	G	Rear fog lamp indicator lamp	
15	Y	Mode throttle motor signal	
16	R/O	Grounded	

M39: To interior electrical box (I/P-L)



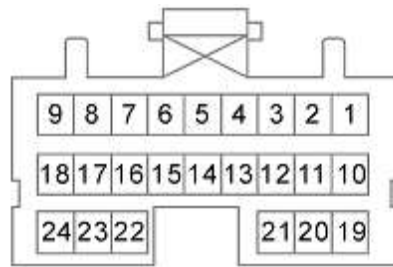
AMP 1-368176-1

Terminal No.	Color	Function	Remark
1	-	-	
2	G	-	
3	-	-	
4	-	-	
5	G/W	-	
6	-	-	
7	-	-	
8	-	-	

CI - 128

Definition of harness plug

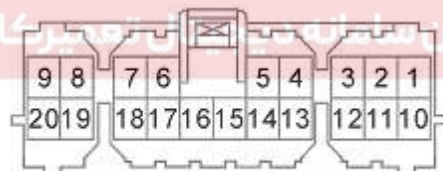
M36: To ETACS



AMP 316372-6

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G/R	Front left door switch		13	Y	Small lamp switch	
2	G	Rear fog lamp switch		14	B/O	Driver's door lock switch	
3	-	-		15	-	-	
4	W/R	Front water sprayer switch		16	-	-	
5	G/Br	Assistant's door lock switch		17	W/Y	Code saving	
6	L/O	Hand brake switch		18	Gr	IG1 power	
7	W/Y	Rear defroster switch		19	Br/W	Front wiper switch – intermittent position	
8	G/O	Front fog lamp switch		20	-	-	
9	G	IG2 power		21	L/O	Impact unlocking	
10	G/W	Door switch		22	O	Front wiper intermittent adjusting	
11	G	Key switch		23	-	-	
12	W/R	Headlamp switch		24	-	-	

M38: To interior electrical box (I/P-J)



AMP 1-368188-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		11	-		
2	R/O	-		12	G	-	
3	G	-		13	V	-	
4	R	-		14	R/O	-	
5	-	-		15	Gr	-	
6	-	-		16	R	-	
7	Y/R	-		17	-	-	
8	Y/L	-		18	-		
9	Y/L	-		19	Y/L		
10	-	-		20	Y/L	-	

Definition of harness plug

CI - 129

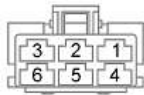
M35: To cigar lighter



AMP 172864-2

Terminal No.	Color	Function	Remark
1	B	Cigar lighter (-)	
2	R	Cigar lighter (+)	

M37: To ignition switch



KET PH775-06015

Terminal No.	Color	Function	Remark
1	V	START output	
2	R	Battery power	
3	R/Y	IG2 output	
4	O	ACC output	
5	R	Battery power	
6	W	IG1 output	

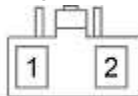
M43: Harness plug (engine harness)



KET MG620266

Terminal No.	Color	Function	Remark
1	R	-	
2	R	-	
3	-	-	
4	V/W	-	

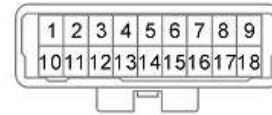
M46: To clock spring



YAZAKI 7283-1822-70

Terminal No.	Color	Function	Remark
1	Y	Driver's seat airbag (-)	
2	L	Driver's seat airbag (+)	

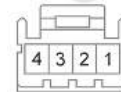
M42: Harness plug (to engine harness)



AMP 936213-1

Terminal No.	Color	Function	Remark
1	W	-	
2	P/W	-	
3	R	-	
4	W	-	
5	Br	-	
6	Gr/B	-	
7	G	-	
8	Y	-	
9	L	-	
10	W/G	-	
11	W	-	
12	Lg	-	
13	R/O	-	
14	L	-	
15	G/L	-	
16	W	-	
17	R/W	-	
18	Br	-	

M48: To interior temperature sensor



AMP 174922-1

Terminal No.	Color	Function	Remark
1	R/O	Grounded	
2	Br/Y	5V power	
3	Br/L	Motor (-)	
4	Br/W	Motor (+)	

G11: Left grounding wire of main harness



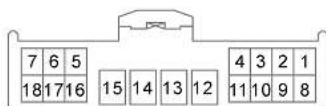
KET ST710591-1

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

CI - 130

Definition of harness plug

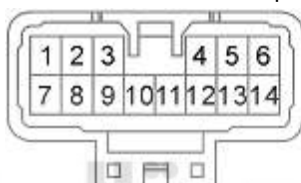
M41: To interior electrical box (I/P-K)



AMP 1-368497-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	-		10	G		
2	-	-		11	R	-	
3	R	-		12	O	-	
4	P/W	-		13	W	-	
5	G/O	-		14	P	-	
6	-	-		15	-	-	
7	-	-		16	W	-	
8	V	-		17	P	-	
9	Gr	-		18	B	-	

M44: Harness plug (engine harness)



KET MG641113

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	O/W	-		8	Y/B		
2	R/W	-		9	L/B	-	
3	R	-		10	R/B	-	
4	W/R	-		11	B	-	
5	G	-		12	W/R	-	
6	R/B	-		13	W	-	
7	L/Y	-		14	Br	-	

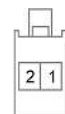
M52: To glove box switch (-)



DJ7013-4.8-21

Terminal No.	Color	Function	Remark
1	B/O	Switch power	

M50: To sunlight sensor



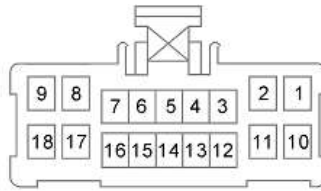
KUM PH845 02010

Terminal No.	Color	Function	Remark
1	G	Sensor (-)	
2	W	Sensor (+)	

Definition of harness plug

CI - 131

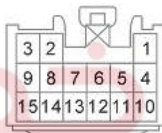
M45: To combined switch- lamplight



KET MG651380

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	B	Overtake switch (-)		10	-	-	
2	R/W	High beam		11	G/Y	Dimmer switch	
3	-	-		12	G/O	Fog lamp switch (+)	
4	-	-		13	W	Fog lamp switch (-)	
5	-	-		14	W	Small lamp	
6	-	-		15	G/Y	Headlamp	
7	Y/R	Right turning		16	L/B	Automatic lamplight	
8	Br/W	Turning switch (-)		17	B	Grounded	
9	Y/L	Left turning		18	-	-	

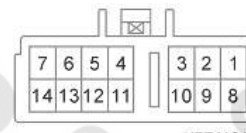
M40: Harness plug (to vehicle frame harness)



KET MG651068

Terminal No.	Color	Function	Remark
1	Br/R	-	
2	-	-	
3	-	-	
4	W/G	-	
5	Br/Y	-	
6	G/R	-	
7	W/L	-	
8	Br/W	-	
9	G/L	-	
10	P	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	

M47: To combined switch –wiper



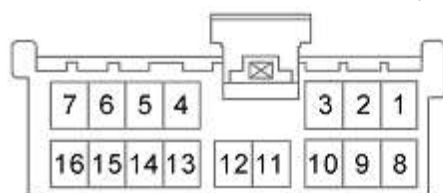
KET MG651127

Terminal No.	Color	Function	Remark
1	L	Front wiper- high speed position	
2	G/R	Front wiper- low speed position	
3	G/L	Front wiper- reset position	
4	P	Defroster switch	
5	B	Combined switch grounded	
6	Br/W	Front wiper – intermittent position	
7	W/R	Washer switch	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	O	Intermittent time control	
14	B	Grounded	

CI - 132

Definition of harness plug

M49: To radio-player



KUM PK145-16017

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/Y	Antenna signal		9	Y/B	Rear left loudspeaker (+)	
2	Y	Rear left loudspeaker (-)		10	W	Front left loudspeaker (+)	
3	Br	Front left loudspeaker (-)		11	-	-	
4	O	Front right loudspeaker (-)		12	-	-	
5	L	Rear right loudspeaker (-)		13	G	Front right loudspeaker (+)	
6	Gr	Small lamp (-)		14	L/O	Rear right loudspeaker (+)	
7	R	ACC power		15	P	Small lamp (+)	
8	B	Grounded		16	R	Battery power	

M51: To glove box lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

G12: Right grounding wire of main harness

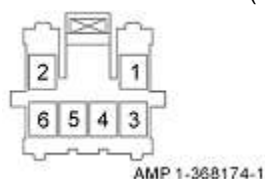


KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

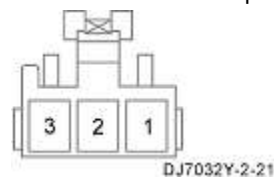
Description of roof harness plug

R1: To interior electrical box (I/P-G)



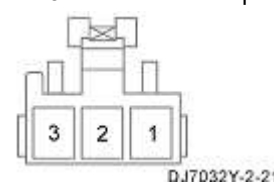
Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
3	-	-	
4	W	Door control signal	
5	-	-	
6	Br/W	Roof lamp power	

R2: To front roof lamp



Terminal No.	Color	Function	Remark
1	Br/W	Roof lamp (+)	
2	B	Roof lamp (-)	
3	W	Door control signal	

R3: To rear roof lamp



Terminal No.	Color	Function	Remark
1	Br/W	Power	
2	B	Grounded	
3	W	Door control signal	

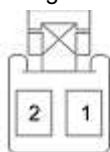
دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Description of tail door harness plug

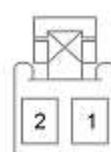
T1: To right license plate lamp



KET MG651586

Terminal No.	Color	Function	Remark
1	W/G	License plate lamp (+)	
2	B	License plate lamp (-)	

T2: To left license plate lamp



KET MG651586

Terminal No.	Color	Function	Remark
1	W/G	License plate lamp (+)	
2	B	License plate lamp (-)	

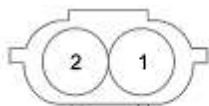
T4: Harness plug (to vehicle frame harness)



KET MG651038

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W/G	License plate lamp (+)	
3	B	License plate lamp (-)	
4	-	-	

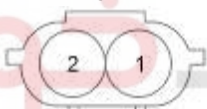
T3: To left backup lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Br	Backup lamp (+)	
2	B	Backup lamp (-)	

T5: To right backup lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Br	Backup lamp (+)	
2	B	Backup lamp (-)	