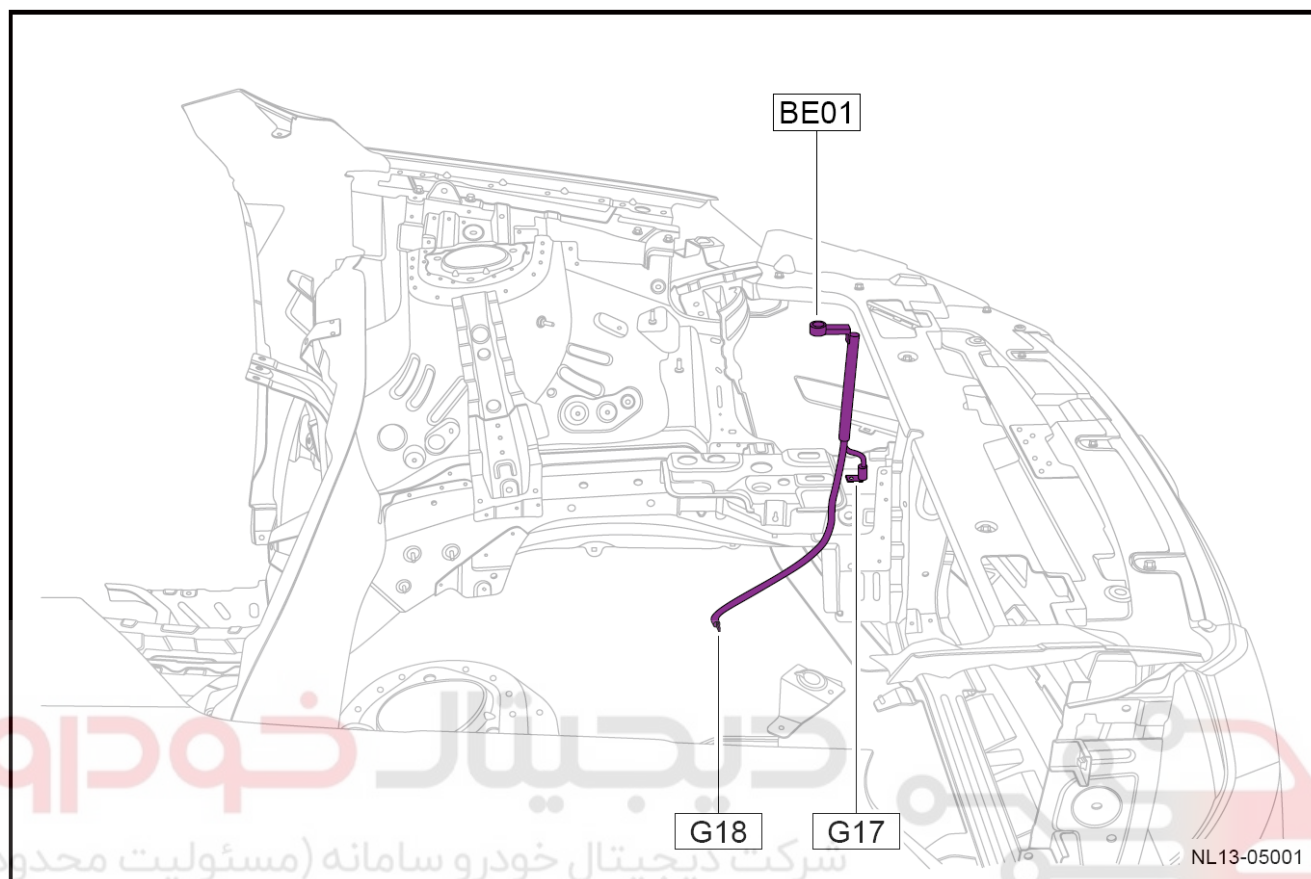


13.5 Layout of Harness and the Connector

13.5.1 Battery Negative Harness

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Battery Negative Harness



اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Harness connector	Description	Harness connector	Description
BE01	To battery negative	G18	Battery grounding
G17	Battery grounding		

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Battery Negative Connector Terminal Diagram

BE01 connect to battery negative



G17 battery grounding



G18 battery grounding



دیجیتال خودرو

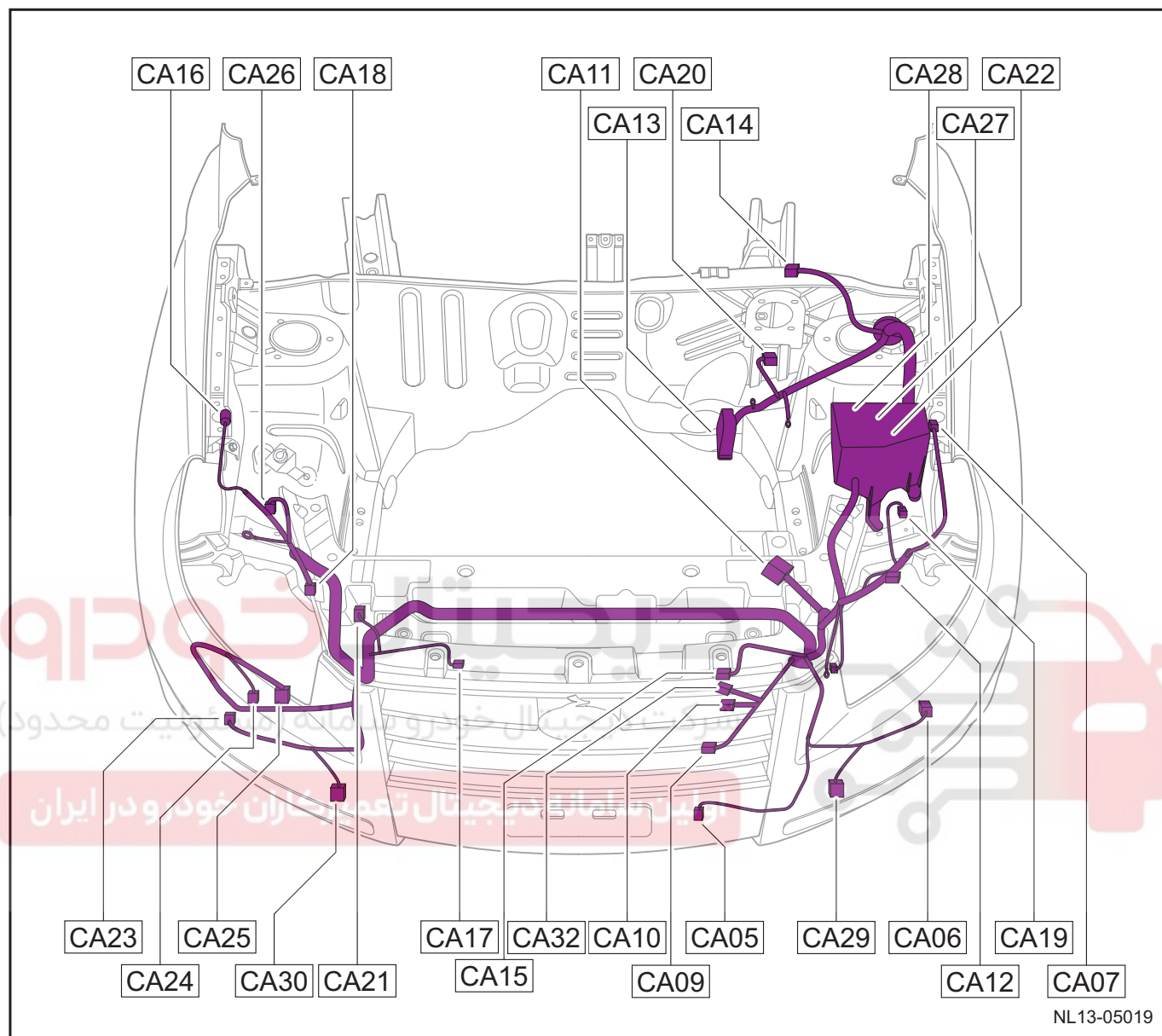
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

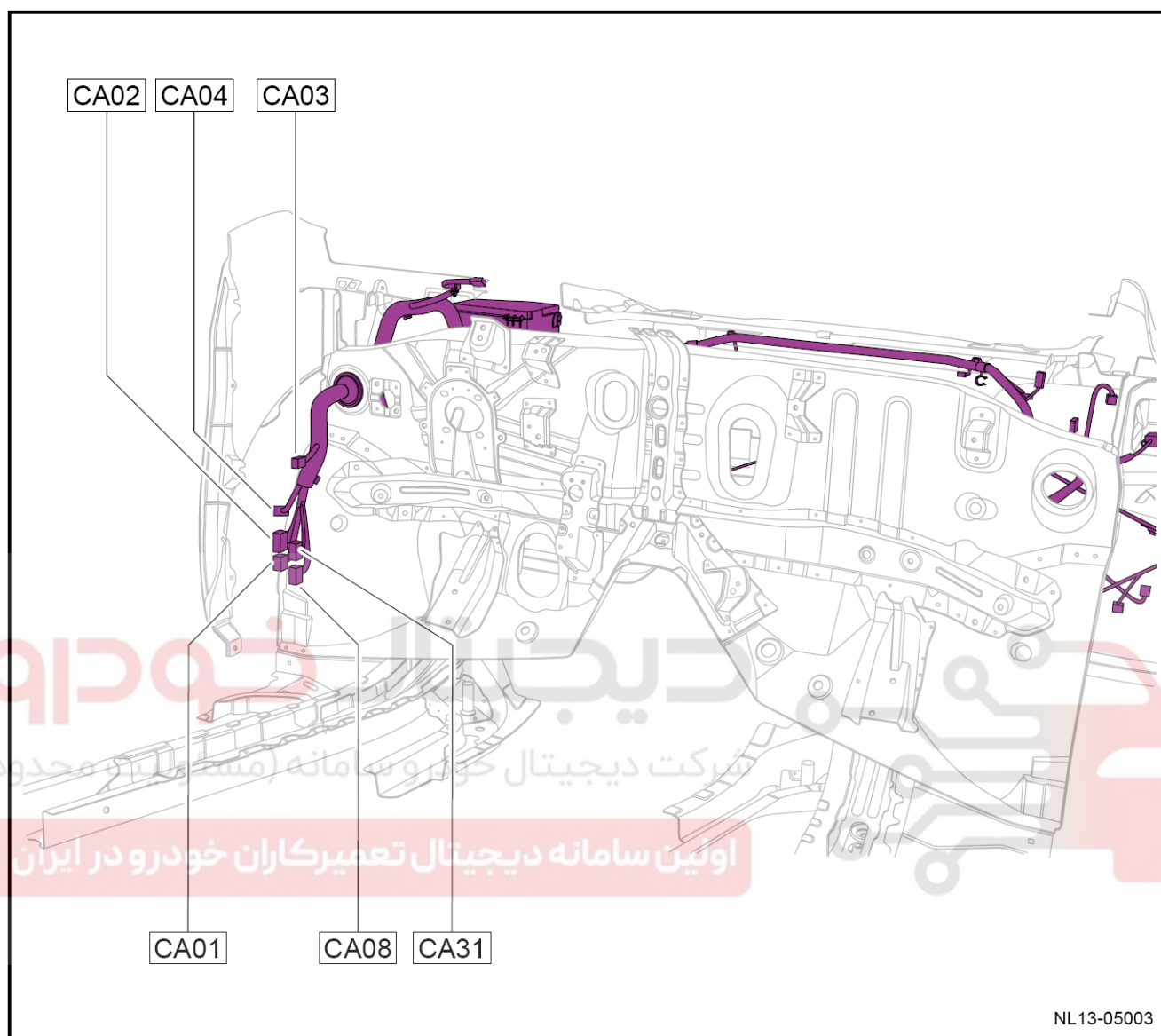


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Engine Compartment Harness Layout Drawing



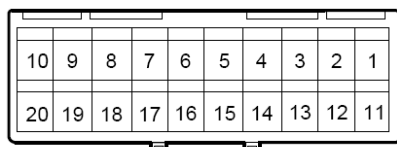
Engine Compartment Harness Layout Drawing (Continued)



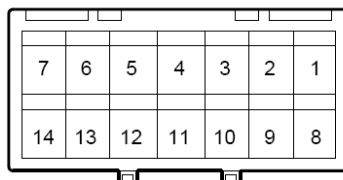
Harness connector	Description	Harness connector	Description
CA01	To instrument harness connector 1	CA17	Harness connector of FR horn
CA02	To instrument harness connector 2	CA18	Harness connector of FR combination headlamp
CA03	To instrument harness connector 3	CA19	Harness connector of FL optical axis regulating motor
CA04	To instrument harness connector 4	CA20	Harness connector of brake fluid level sensor
CA05	Harness connector of environment temperature sensor	CA21	Harness connector of FR collision sensor
CA06	Harness connector of FL fog lamp	CA22	To engine harness connector
CA07	Harness connector of FL speed sensor	CA23	Harness connector of FR fog lamp
CA08	To base plate harness connector	CA24	Harness connector of front washer
CA09	Harness connector of cooling fan motor 1	CA25	Harness connector of rear washer
CA10	Harness connector of cooling fan motor 2	CA26	Harness connector of FR optical axis regulating motor
CA11	Harness connector of FL collision sensor	CA27	To engine harness connector (connecting wire plate 1)
CA12	Harness connector of FL combination headlamp	CA28	To engine harness connector (connecting wire plate 2)
CA13	Harness connector of ABS control module	CA29	Harness connector of FL radar sensor
CA14	Harness connector of front wiper motor	CA30	Harness connector of FR radar sensor
CA15	Harness connector of FL horn	CA31	To base plate harness connector 2
CA16	Harness connector of FR speed sensor	CA32	Harness connector of vacuum pump

Terminal Diagram of Engine Compartment Harness Connector

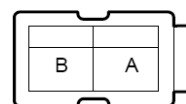
CA01 connect to instrument harness connector 1



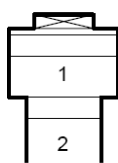
CA02 connect to instrument harness connector 2



CA03 connect to instrument harness connector 3



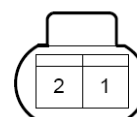
CA04 connect to instrument harness connector 4



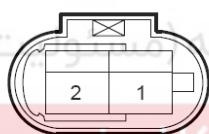
CA05 Environment temperature sensor harness connector



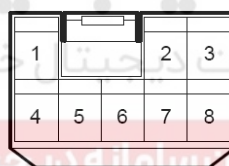
CA06 FL fog lamp harness connector



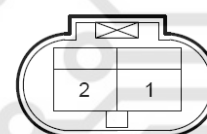
CA07 FL speed sensor harness connector



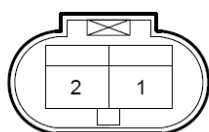
CA08 connect to base plate harness connector



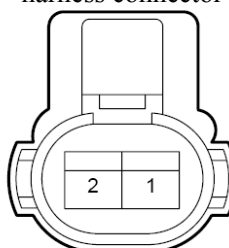
CA09 cooling fan motor 1 harness connector



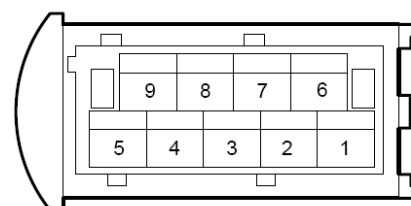
CA10 cooling fan motor 2 harness connector



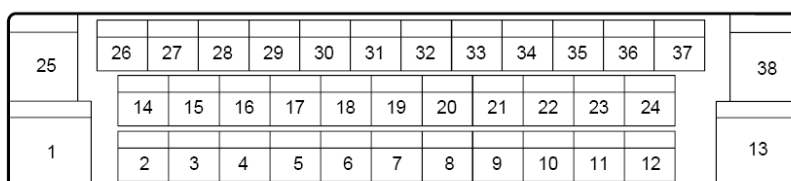
CA11 FL collision sensor harness connector



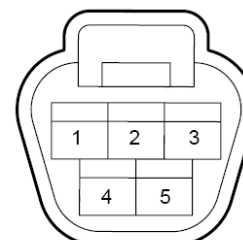
CA12 FL combination lamp harness connector



CA13 ABS control module harness connector



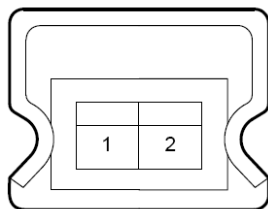
CA14 front wiper motor harness connector



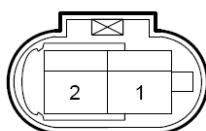
NL13-10002

Terminal Diagram of Engine Compartment Harness Connector (Continued 1)

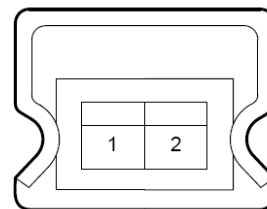
CA15 FL horn harness connector



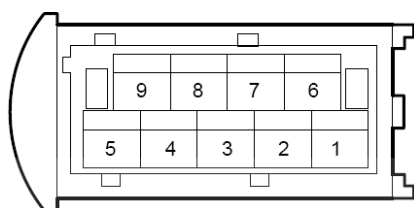
CA16 FR speed sensor harness connector



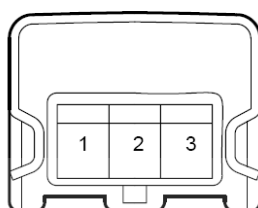
CA17 FR horn harness connector



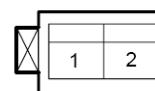
CA18 FR combination headlamp harness connector



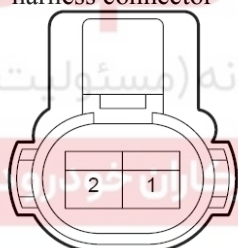
CA19 FL optical axis adjusting motor harness connector



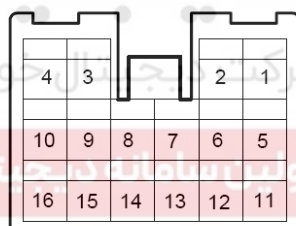
CA20 brake fluid level sensor harness connector



CA21 right front collision sensor harness connector



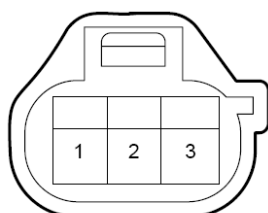
CA22 connect to engine harness connector



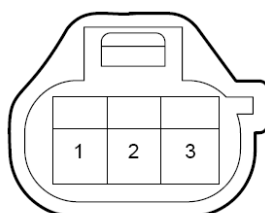
CA23 FR fog lamp harness connector



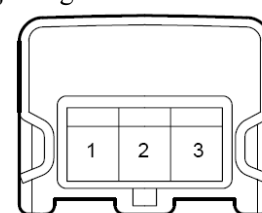
CA24 front washer harness connector



CA25 Rear washer harness connector



CA26 FR optical axis adjusting motor harness connector



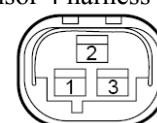
CA27 connect to engine harness connector (splicing1)



CA28 connect to engine harness connector (splicing2)



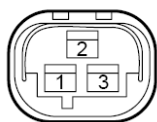
CA29 connect to reverse radar sensor 4 harness connector



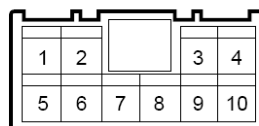
NL13-10003

Terminal Diagram of Engine Compartment Harness Connector (Continued 2)

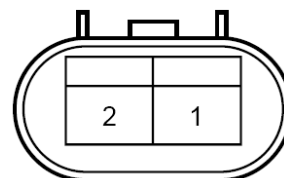
CA30 connect to reverse radar
sensor 5 harness connector



CA31 connect to body harness
connector 2



CA32 vacuum pump harness
connector



دیجیتال خودرو

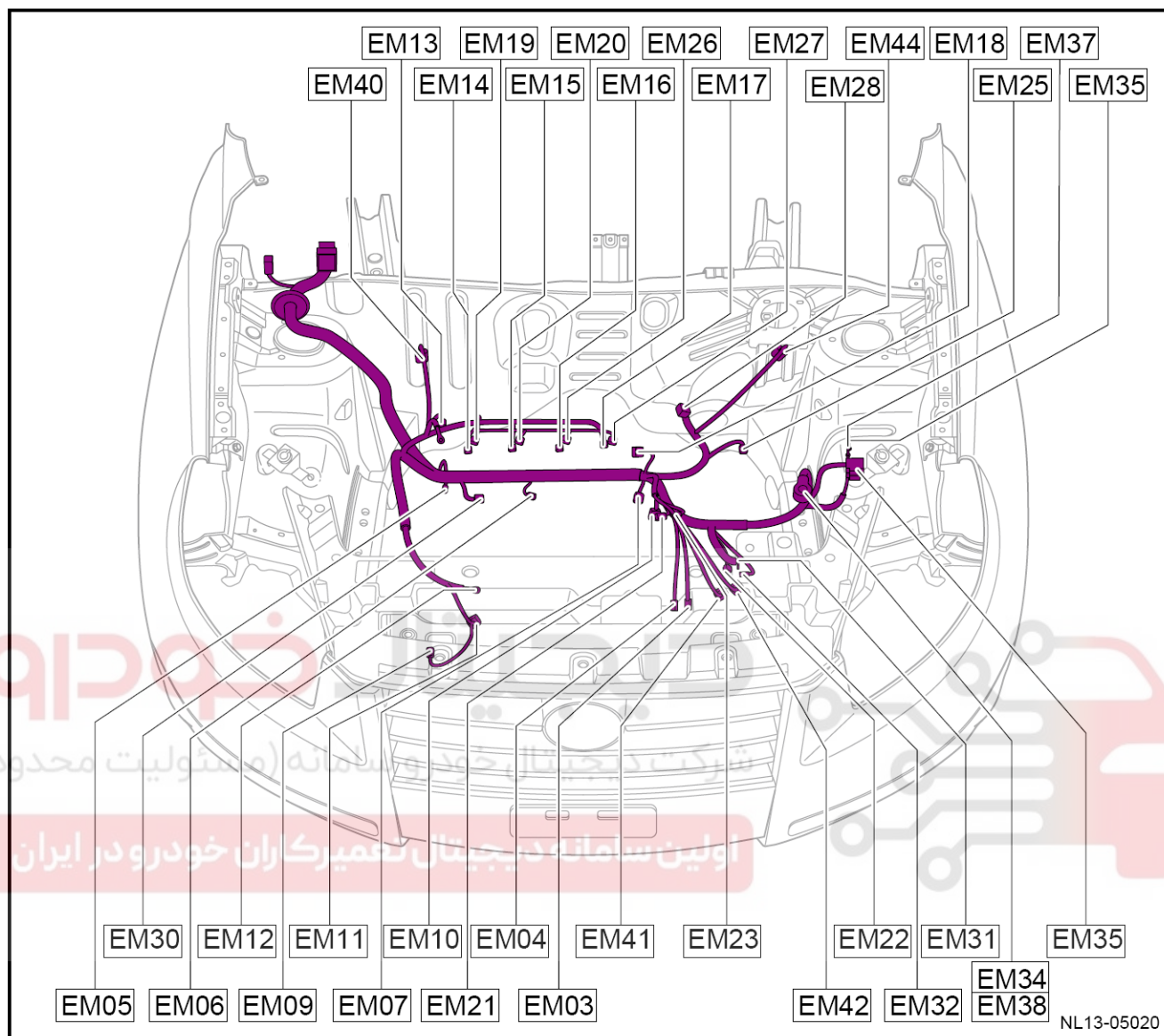
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

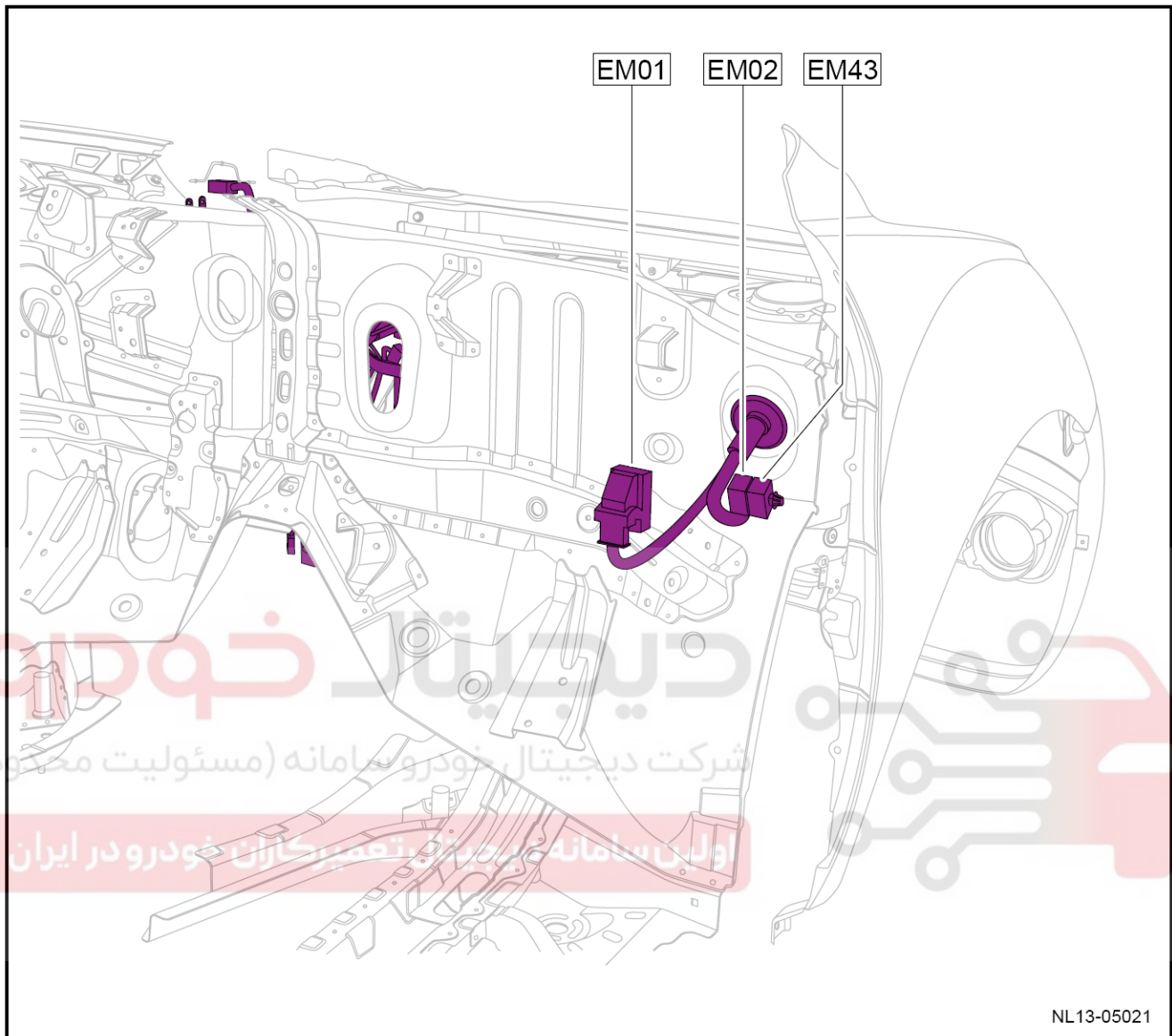


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Engine Harness Layout Drawing



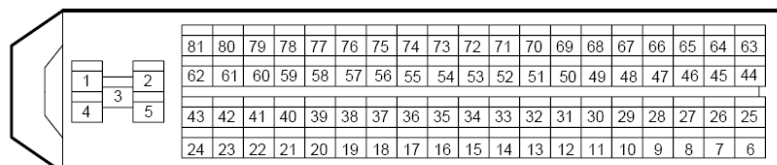
Engine Harness Layout Drawing (Continued)



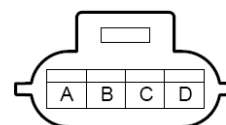
Harness connector	Description	Harness connector	Description
EM01	Harness connector of engine control module	EM22	Harness connector of reverse lamp switch
EM02	To harness connector of instrument harness (1)	EM23	Harness connector of water temperature sensor
EM03	Harness connector of rear oxygen sensor	EM25	Harness connector of carbon canister solenoid valve
EM04	Harness connector of front oxygen sensor	EM26	Harness connector of cylinder No.3ignition coil
EM05	Harness connector of power steering switch	EM27	Harness connector of cylinder No.4ignition coil
EM06	Harness connector of knock sensor	EM28	Harness connector of electric throttle
EM07	Harness connector of speed sensor	EM30	Harness connector of air intake pressure temperature sensor
EM09	Harness connector of A/C compressor	EM31	Harness connector of starter motor
EM10	Harness connector of oil pressure switch	EM32	Harness connector of starter clutch
EM11	Alternator harness connector	EM33	Harness connector of battery (1)
EM12	Harness connector of alternator (2)	EM34	Harness connector of battery (2)
EM13	Harness connector of VVT solenoid valve	EM35	To harness connector of engine compartment fuse box (1)
EM14	Harness connector of cylinder No.1injecting nozzle	EM36	To harness connector of engine compartment fuse box (2)
EM15	Harness connector of cylinder No.2injecting nozzle	EM37	To harness connector of engine compartment fuse box (3)
EM16	Harness connector of cylinder No.3injecting nozzle	EM38	Harness connector of battery fuse box
EM17	Harness connector of cylinder No.4injecting nozzle	EM40	Harness connector of A/C pressure switch
EM18	Harness connector of camshaft position sensor	EM41	Harness connector of transmission gear status
EM19	Harness connector of cylinder No.1ignition coil	EM42	Harness connector of transmission actuator
EM20	Harness connector of cylinder No.2ignition coil	EM43	To harness connector of instrument harness (2)
EM21	Harness connector of speed sensor	EM44	Harness connector of vacuum sensor

Terminal Diagram of Engine Harness Connector

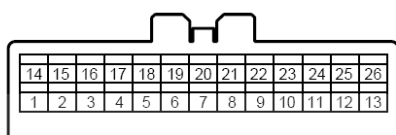
EM01 engine control module harness connector



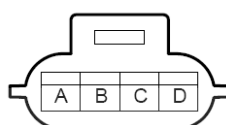
EM03 rear oxygen sensor harness connector



EM02 connect to instrument harness connector



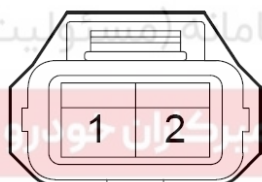
EM04 front oxygen sensor harness connector



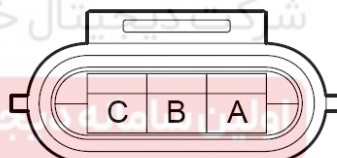
EM05 power steering switch harness connector



EM06 knock sensor harness connector



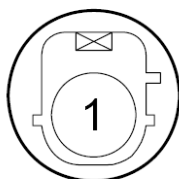
EM07 engine speed sensor harness connector



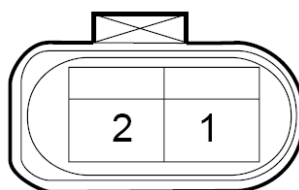
EM09 A/C compressor harness connector



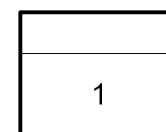
EM10 oil pressure sensor harness connector



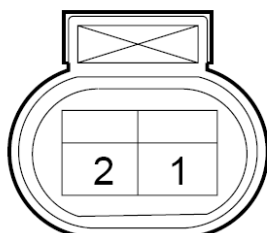
EM11 Alternator harness connector



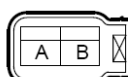
EM12 Alternator (2) harness connector



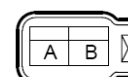
EM13 VVT solenoid valve harness connector



EM14 1Cylinder injector harness connector



EM15 2 cylinders injector harness connector



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Terminal Diagram of Engine Harness Connector (Continued 1)

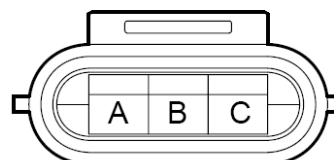
EM16 3cylinders injector harness connector



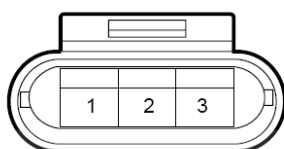
EM17 4 cylinders injector harness connector



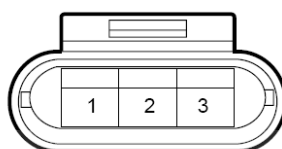
EM18 camshaft position sensor harness connector



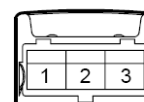
EM19 1cylinder ignition coil harness connector



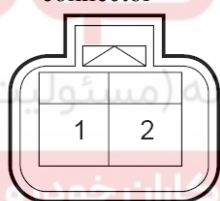
EM20 2cylinders ignition coil harness connector



EM21 speed sensor harness connector



EM22 reverse switch harness connector



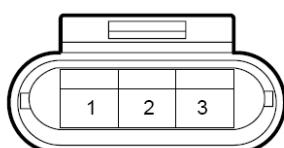
EM23 engine coolant sensor harness connector



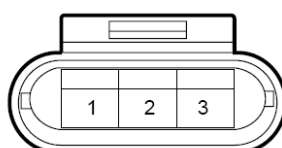
EM25 canister solenoid valve harness connector



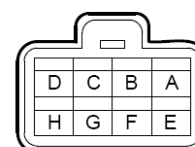
EM26 3 cylinders ignition coil harness connector



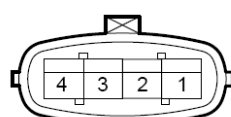
EM27 4 cylinders ignition coil harness connector



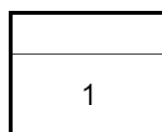
EM28 electric throttle valve harness connector



EM30 air intake pressure temperature sensor harness connector



EM31 start harness connector



EM32 starter solenoid switch harness connector



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Terminal Diagram of Engine Harness Connector (Continued 2)

EM33 battery (splicing1)



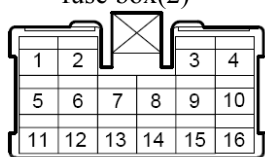
EM34 battery (splicing2)



EM35 connect to compartment fuse box(1)



EM36 connect to compartment fuse box(2)



EM37 connect compartment fuse box(3)



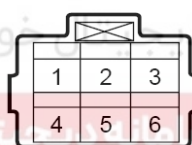
EM38 battery fuse box



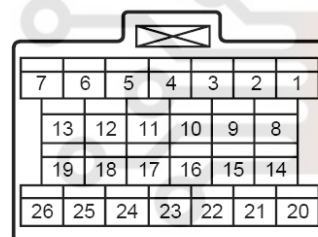
EM40 A/C pressure switch harness connector



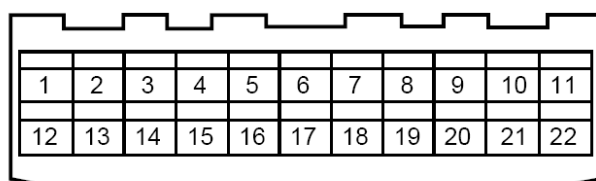
EM41 transmission gears status harness connector



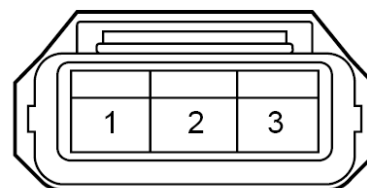
EM42 transmission actuator harness connector



EM43 connect to instrument harness (2)connector

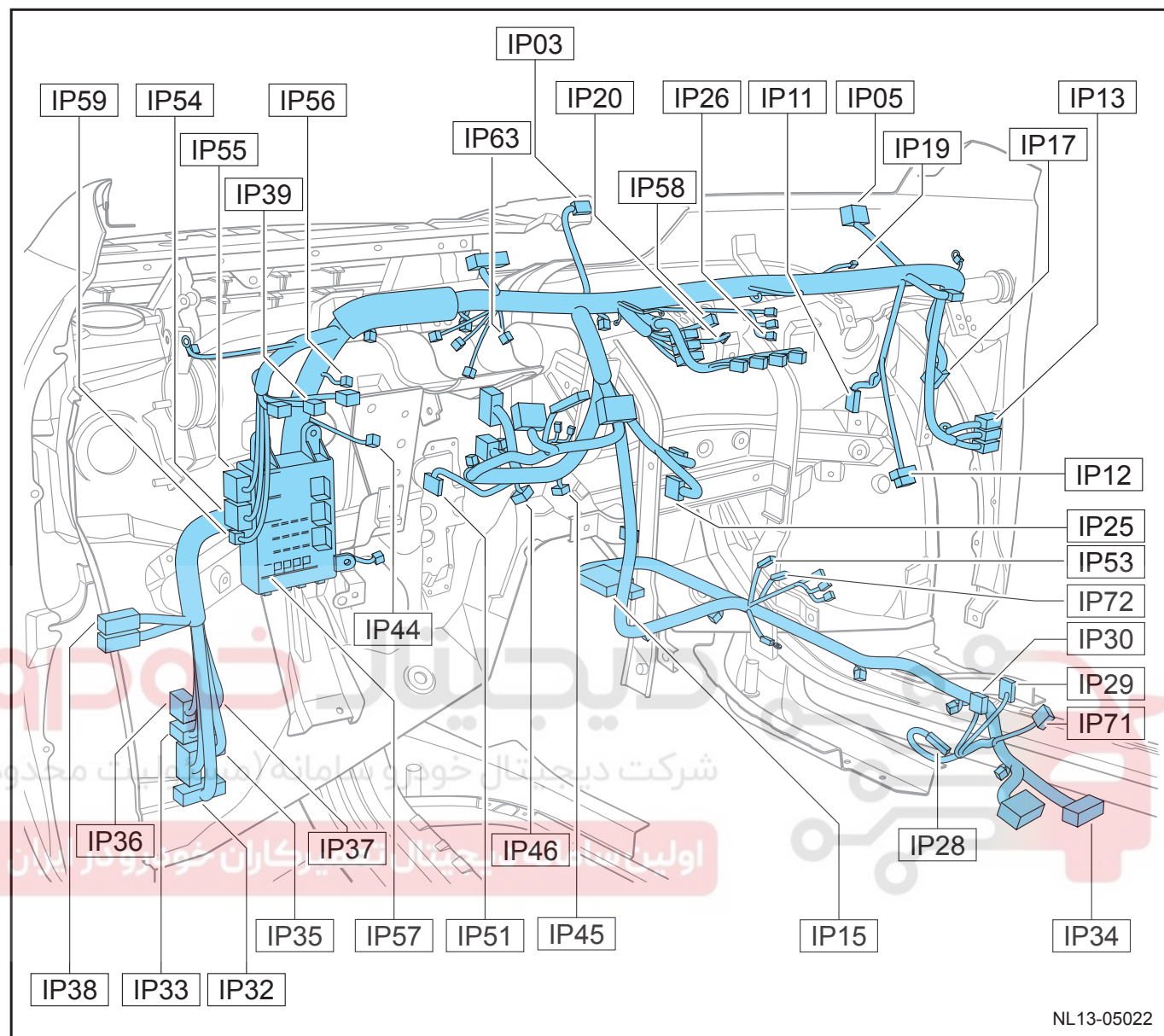


EM44 vacuum sensor harness connector

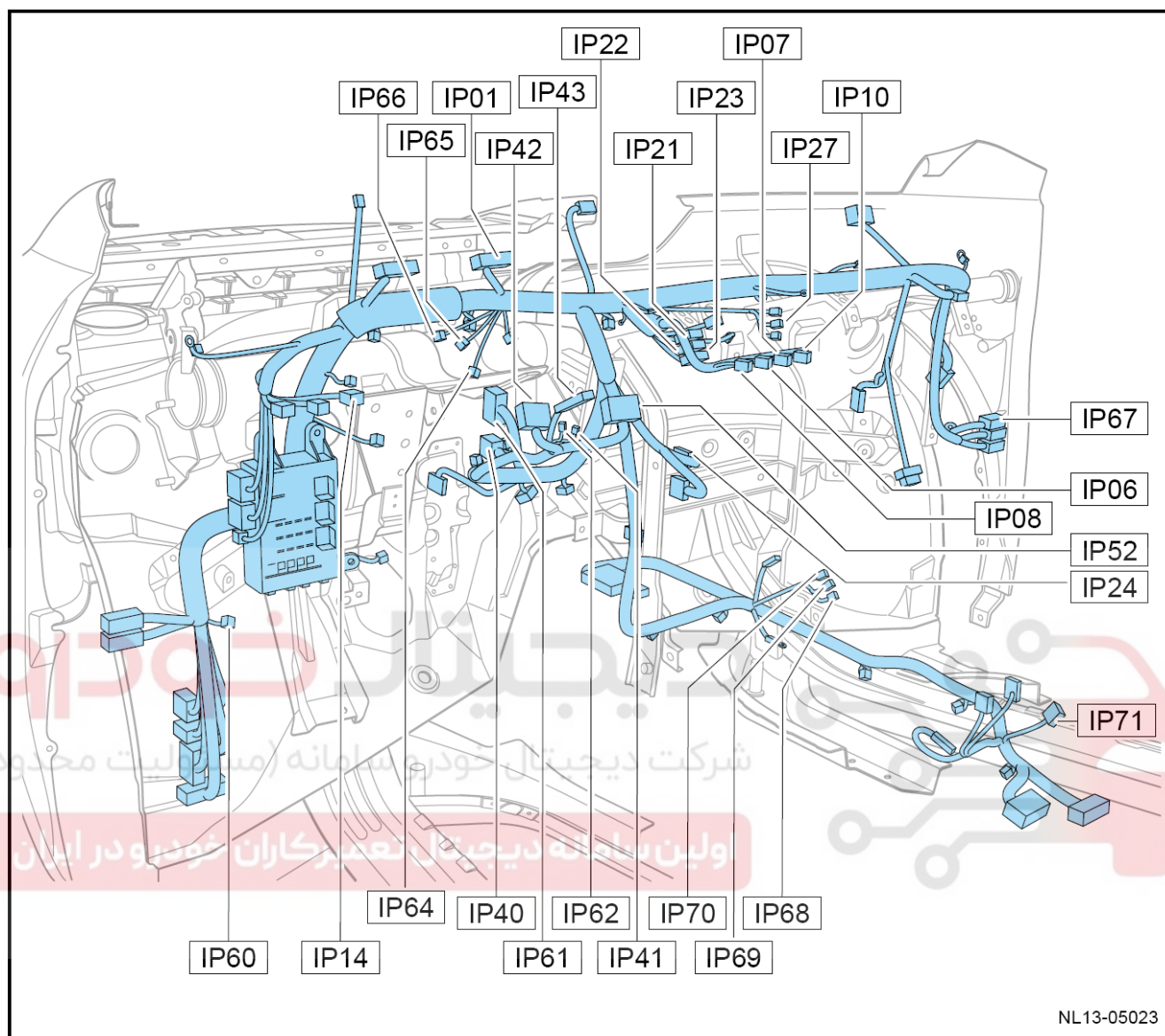


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Instrument Harness Layout Drawing



Instrument Harness Layout Drawing (Continued)



Harness connector	Name	Harness connector	Name
IP01	Instrument panel harness connector	IP42	Heambeam combination switch harness connector
IP03	Multi-functional instrument harness connector	IP43	Immobilizer antenna harness connector
IP04	Sunlight sensor harness connector	IP44	Knee airbag harness connector
IP05	Environment light sensor harness connector	IP45	Ignition switch harness connector
IP06	Rear defroster switch harness connector	IP46	Key removal prompt switch harness connector
IP07	Hazard warning lamp switch harness connector	IP51	Electronic accelerator pedal harness connector
IP08	Combination switch harness connector	IP52	Wiper washer combination switch harness connector
IP10	Reversing radar indicator lamp harness connector	IP53	Backup power source harness connector
IP11	Blower harness connector	IP54	To headlining harness connector 1
IP12	DLC harness connector	IP55	To headlining harness connector 2
IP13	To right front door harness connector	IP56	Brake lamp switch harness connector
IP14	Headlamp beam axis regulating switch & immobilizer warning lamp harness connector	IP57	To engine compartment harness connector
IP15	Airbag module harness connector	IP58	Camera harness connector
IP16	A/C control panel harness connector (automatic)	IP59	Antenna wire 1 harness connector
IP17	To engine harness connector	IP60	Clutch switch harness connector
IP19	Passenger side airbag harness connector	IP61	Body control module harness connector 1
IP20	Antenna wire 2 harness connector	IP62	Body control module harness connector 2
IP21	Radio & CD player harness connector 1	IP63	Body control module harness connector 3
IP22	Radio & CD player harness connector 2	IP64	Body control module harness connector 4
IP23	Radio & CD player harness connector 3	IP65	Body control module harness connector 5
IP24	Immobilizer connector 1	IP66	Body control module harness connector 6
IP25	Immobilizer connector 2	IP67	To engine (2) harness connector
IP26	Manual A/C control panel connector C	IP68	Shift controller 1 harness connector
IP27	Manual A/C control panel connector A	IP69	Shift controller 2 harness connector
IP28	Parking brake switch harness connector	IP70	Shift controller 3 harness connector
IP29	Central lock switch connector	IP71	Gear selector harness connector (AT)
IP30	Cigarette lighter harness connector	IP72	Gear selector protection module harness connector (AT)
IP32	To floor harness connector 1	IP74	To body harness connector 3
IP33	To body harness connector 5	IP75	Driver side seat-heating switch harness connector
IP34	To floor harness connector 2	IP76	Passenger side seat-heating switch harness connector
IP35	To engine compartment harness connector 1	IP77	To body harness connector 6
IP36	To engine compartment harness connector 2	IP78	To body harness connector 4
IP37	To engine compartment harness connector 3	IP79	Hazard flasher relay harness connector
IP38	To FL door harness connector	IP80	Radio & CD player harness connector 4
IP40	Clock spring coil harness connector	IP81	To USB harness connector
IP41	Driver seat airbag harness connector	IP82	Back door unlock switch harness connector

Terminal Diagram of Instrument Harness Connector

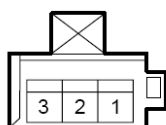
IP01 combination instrument harness connector

16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

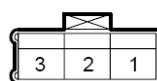
IP03 multi-function instrument harness connector

1	2	3	4	5	6
7	8	9	10	11	12

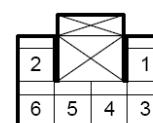
IP04 solar sensor harness connector1



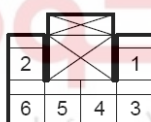
IP05 Sunlight sensor harness connector 2



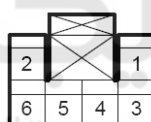
IP06 rear defrost switch harness connector



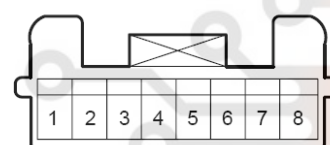
IP07 hazard switch connector



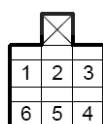
IP08 combination adjusting switch connector



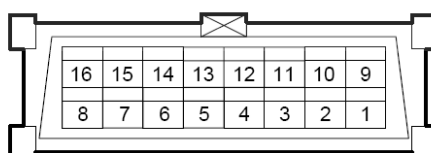
IP10 reverse radar indicator harness connector



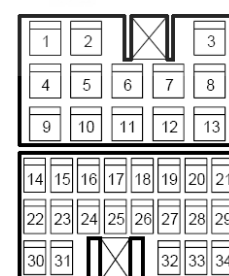
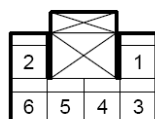
IP11 blower connector



IP12 diagnostics interface



IP13 FR door harness connector

IP14 headlamp optical axis adjusting
Anti-theft alarm lamp harness connector

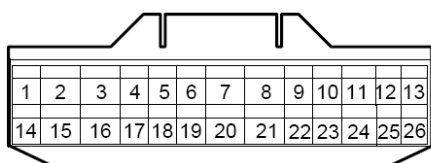
IP15 airbag module harness connector

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

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Terminal Diagram of Instrument Harness Connector (Continued 1)

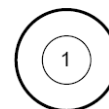
IP17 Connect to engine harness connector



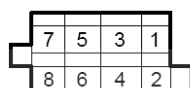
IP19 passenger side airbag harness connector



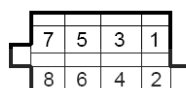
IP20 antenna wire 2 harness connector



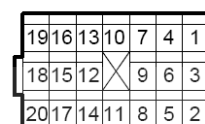
IP21 Radio/CD player harness connector 1



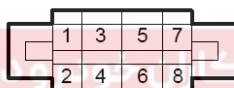
IP22 Radio/CD player harness connector 2



IP23 Radio/CD player harness connector 3



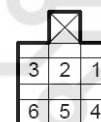
IP24 Immobilizer connector1



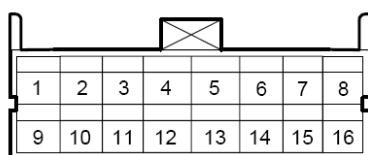
IP25 Immobilizer connector2



IP26 manual A/C control panel connector C



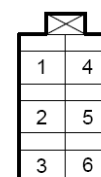
IP27 manual A/C control panel connector A



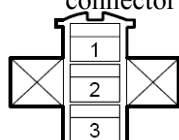
IP28 parking brake switch harness



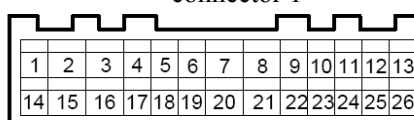
IP29 Central lock switch connector



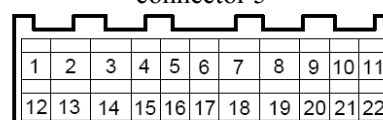
IP30 cigarette lighter harness connector



IP32 connect to body harness connector 1



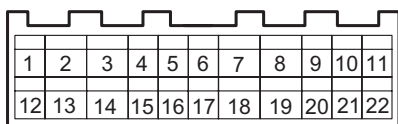
IP33 connect to body harness connector 5



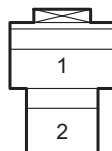
NL13-10008

Terminal Diagram of Instrument Harness Connector (Continued 2)

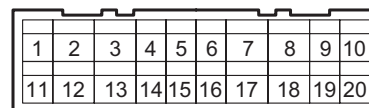
IP34 connect to body harness connector 3



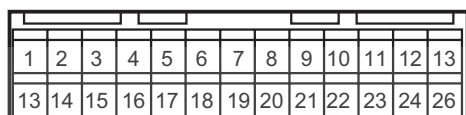
IP35 connect to engine compartment harness connector



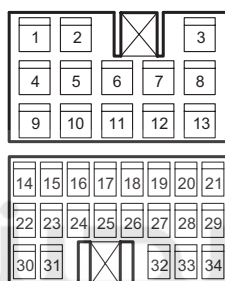
IP36 connect to engine compartment harness connector 2



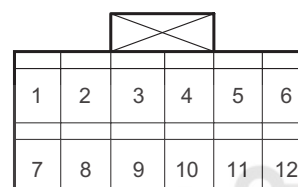
IP37 connect to engine compartment harness connector 3



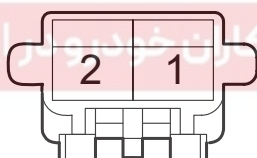
IP38 connect to FL door harness connector



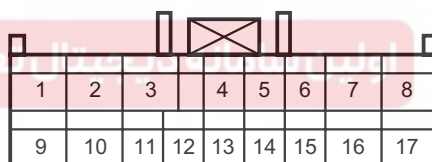
IP40 clock spring harness connector



IP41 driver safety airbag harness connector



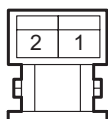
IP42 Headbeam combination switch harness connector



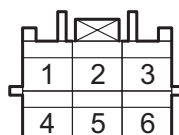
IP43 Anti-theft coil harness connector



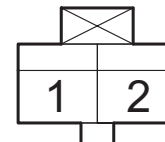
IP44 knee airbag harness connector



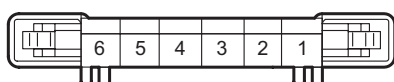
IP45 Ignition switch harness connector



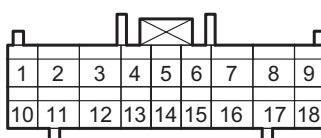
IP46 key forget reminding switch harness connector



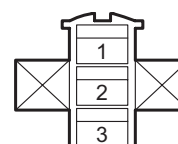
IP51 electric acceleration pedal harness connector



IP52 Wiper switch harness connector



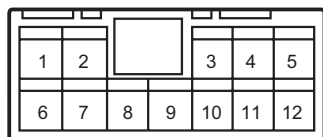
IP53 Spare power harness connector



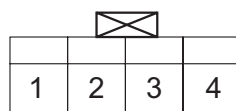
NL13-10021

Terminal diagram of instrument harness connector (Continued 3)

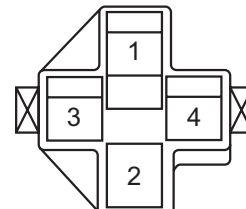
IP54 connect to roof harness connector 1



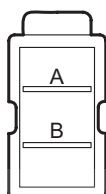
IP55 connect to body harness connector 2



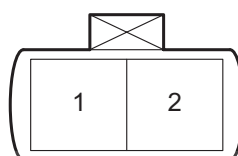
IP56 brake lamp switch harness connector



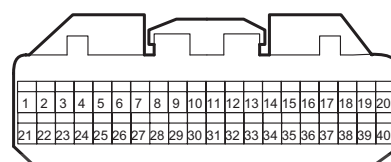
IP57 connect to engine compartment harness connector



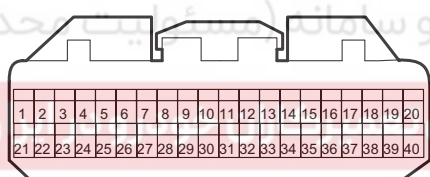
IP60 clutch switch harness connector



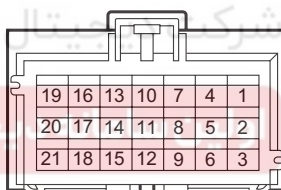
IP61 Body control module 1 harness connector



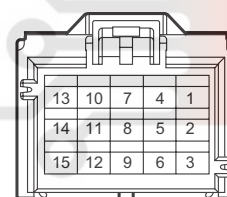
IP62 body control module 2 harness connector



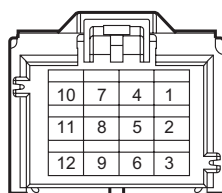
IP63 body control module 3 harness connector



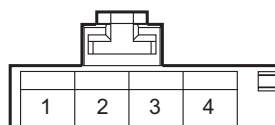
IP64 body control module 4 harness connector



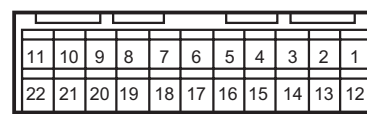
IP65 body control module 5 harness connector



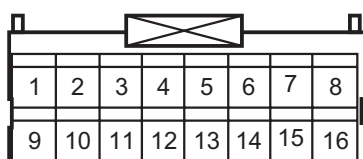
IP66 body control module 6 harness connector



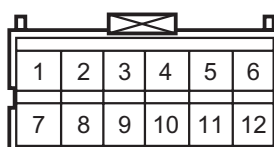
IP67 connect to engine(2) connector



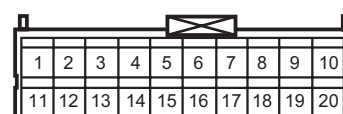
IP68 TCU1 harness connector



IP69 TCU2 harness connector

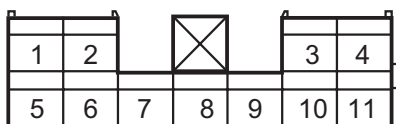


IP70 TCU3 harness connector

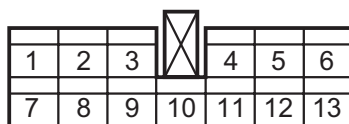


Terminal diagram of instrument harness connector (cont. 4)

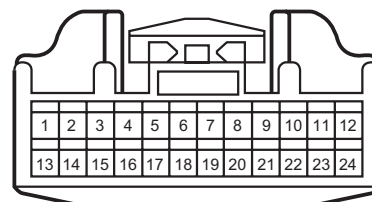
IP71 Gear shift harness connector (AT)



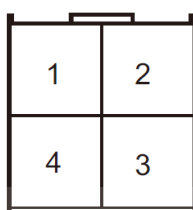
IP72 Gear shift protection module harness connector (AT)



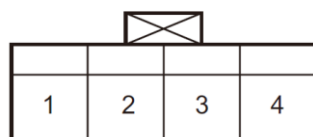
IP16 A/C control panel (Auto) harness connector



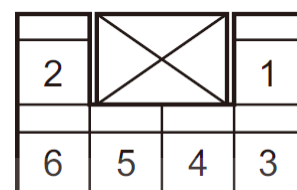
IP58 Camera harness connector



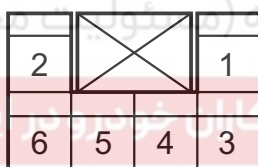
IP74 connect to body harness connector



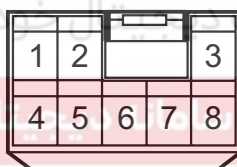
IP75 Driver side seat-heating switch harness connector



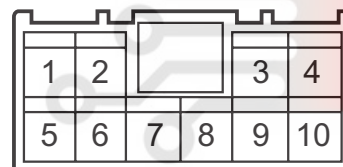
IP76 Passenger side seat-heating switch harness connector



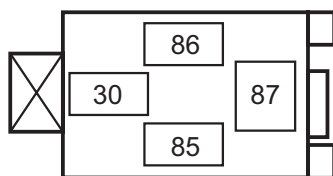
IP77 To right body harness connector 6



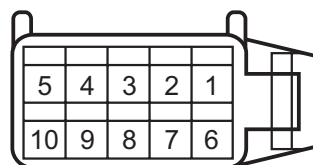
IP78 To body harness connector 4



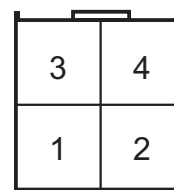
IP79 Hazard relay harness connector



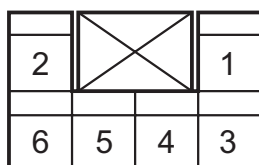
IP80 Radio & CD player harness connector



IP81 To USB harness connector



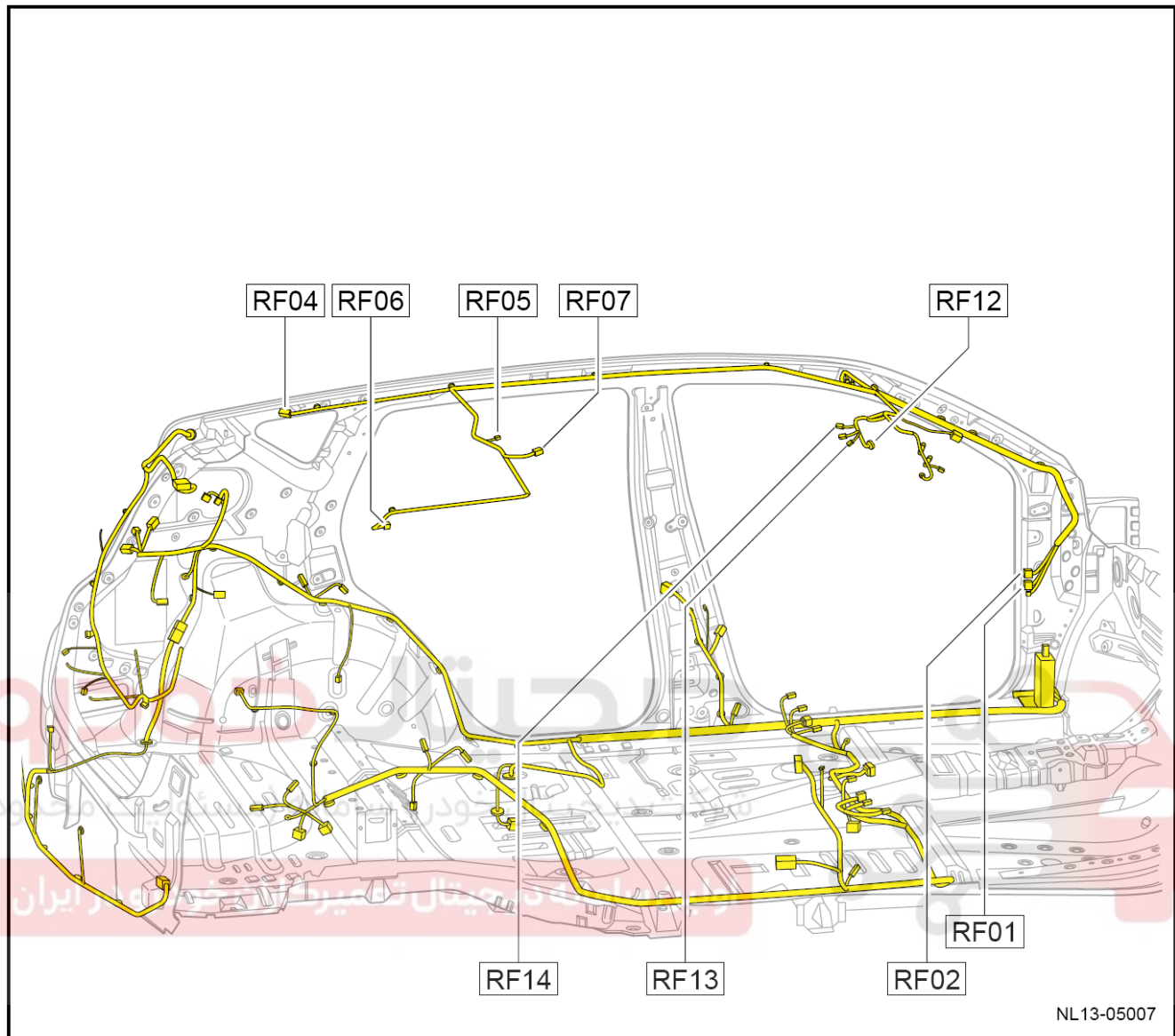
IP82 Backdoor switch harness connector



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49 13.5.5 Roof harness

Roof Harness Layout Drawing



Harness connector	Description	Harness connector	Description
RF01	To instrument harness connector 1	RF07	Harness connector of sunroof module
RF02	To instrument harness connector 3	RF12	Harness connector of front reading lamp harness
RF04	Harness connector of driver curtain airbag	RF13	Harness connector of sunroof switch
RF05	Harness connector of rear reading lamp	RF14	Antenna connector
RF06	Harness connector of passenger air curtain		

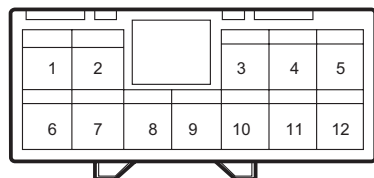
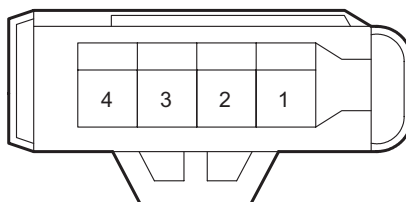
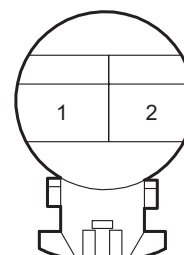
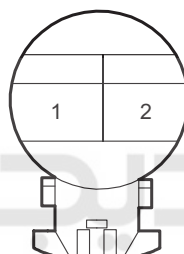
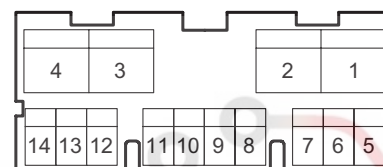
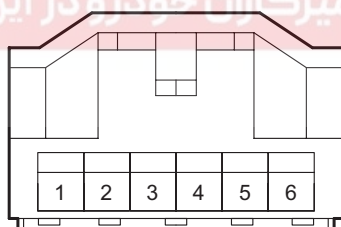
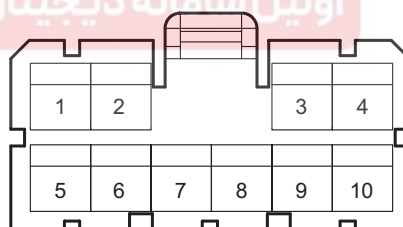
دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

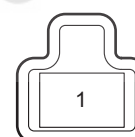
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Terminal Diagram of Ceiling Harness Connector

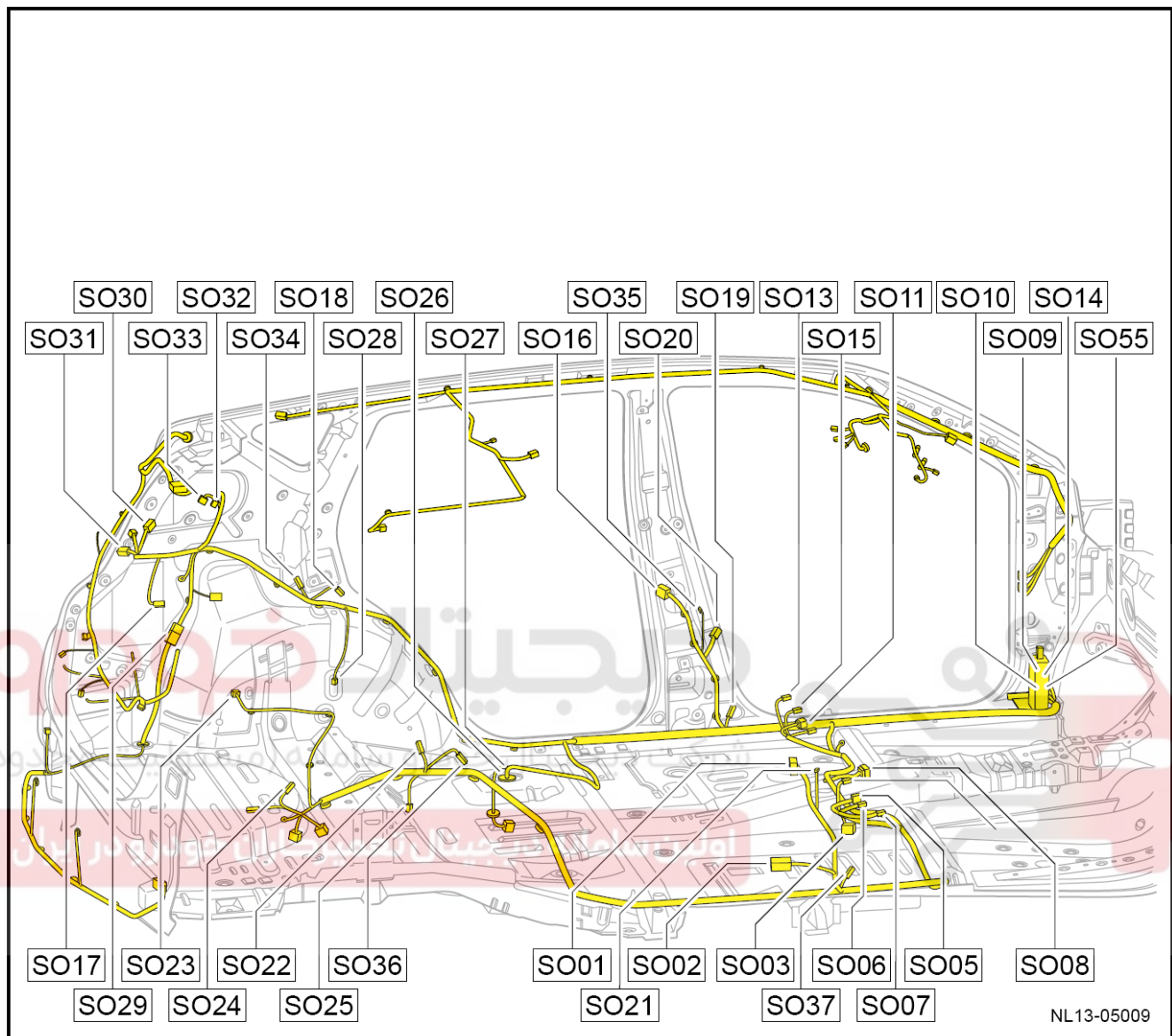
RF01 connect to instrument
harness connector 1RF02 connect to instrument
harness connector 2RFO4 driver curtain airbag
harness connectorRF05 Rear reading lamp harness
connectorRF06 passenger side curtain airbag
harness connectorPF07 sunroof switch harness
connectorRF12 front reading lamp harness
connectorPF13 sunroof module harness
connector

RF14 Antenna connector

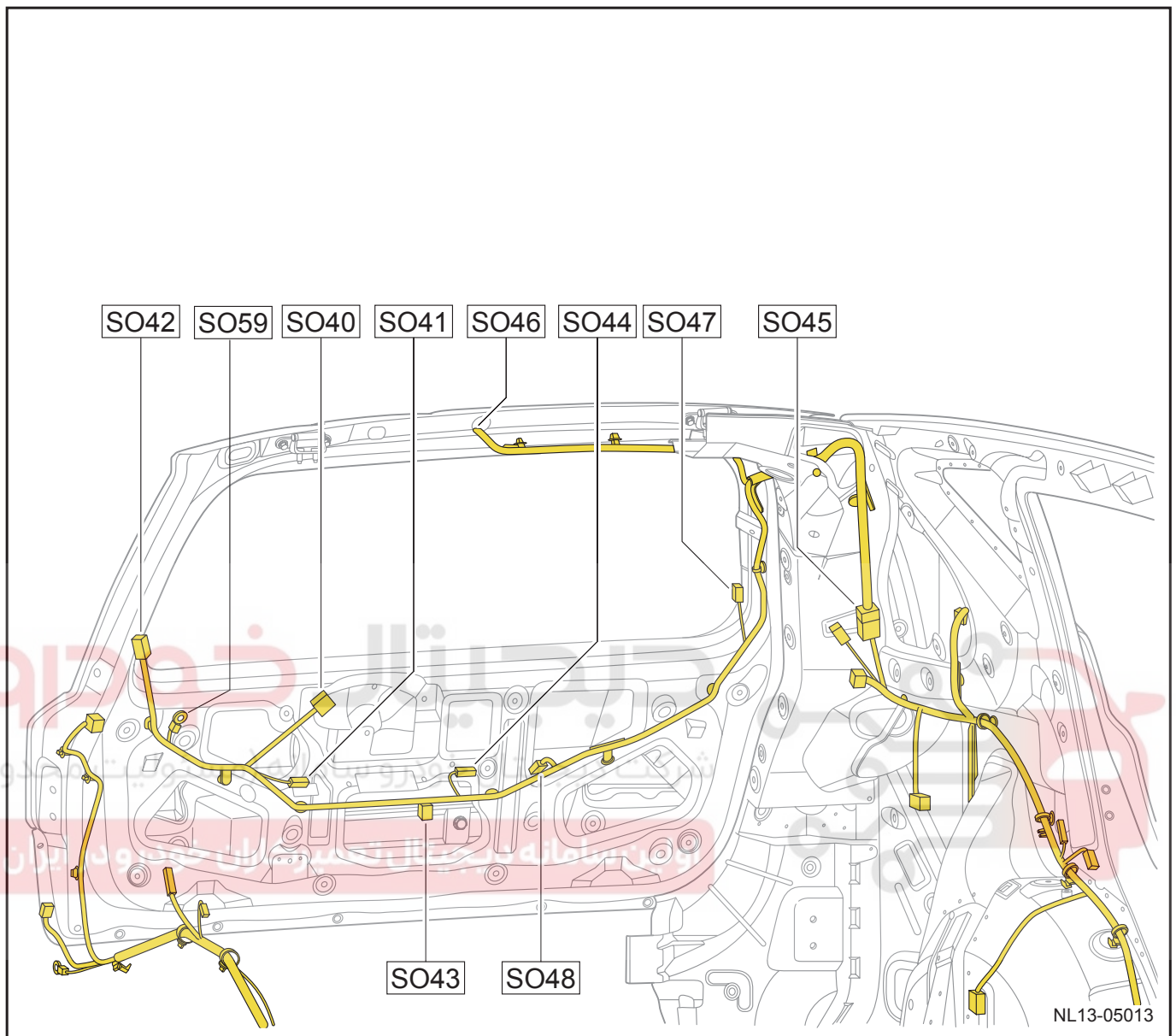


NL13-10011

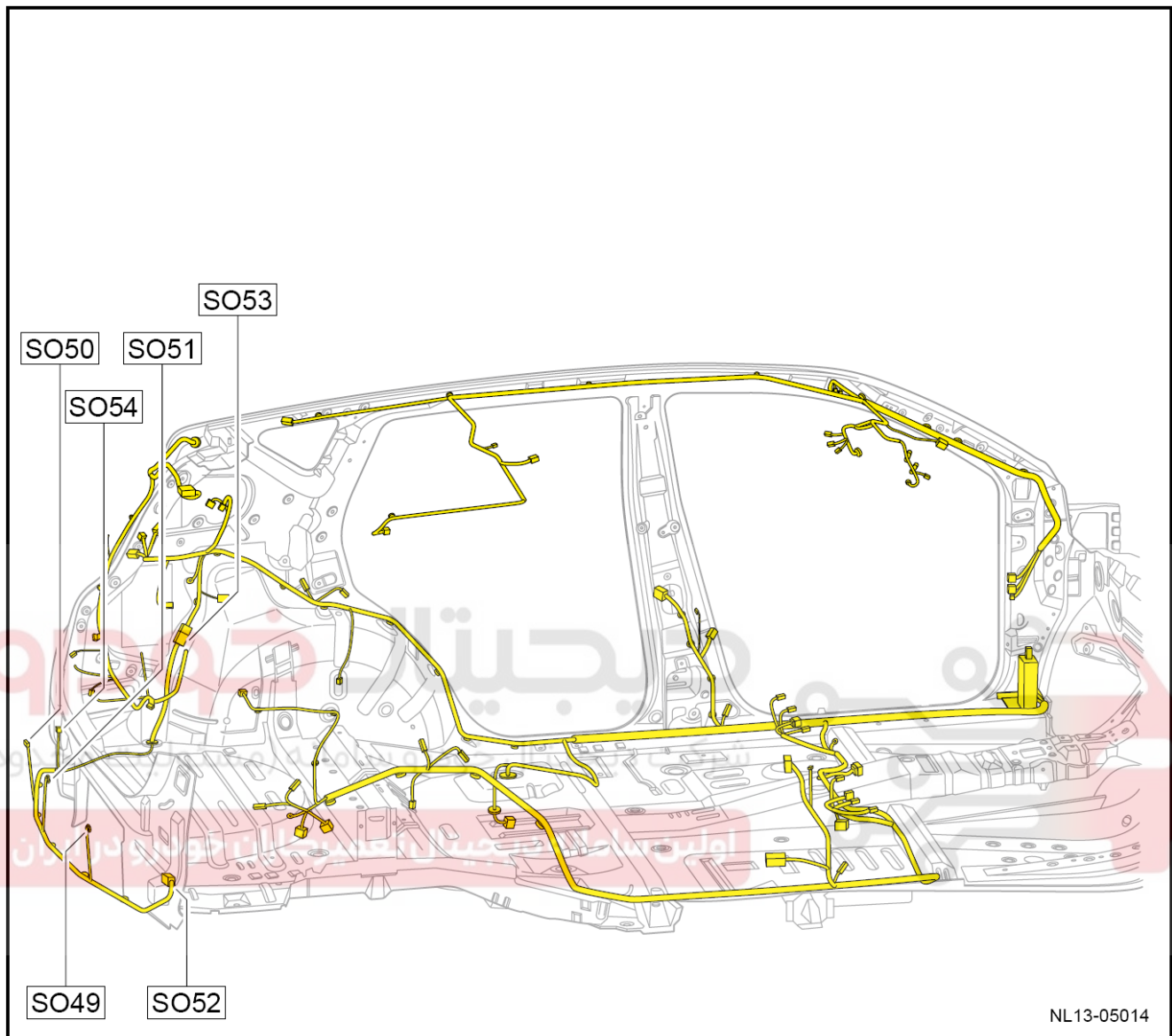
Body Harness Layout Drawing



Body Harness Layout Drawing (Continued 1)



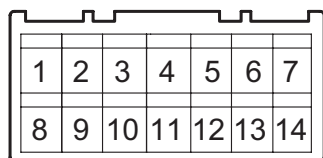
Body Harness Layout Drawing (Continued 2)



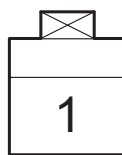
Harness connector	Description	Harness connector	Description
SO01	To RR door harness connector	SO30	To back door harness connector
SO02	Harness connector of FR door control switch	SO31	Harness connector of RL combination lamp
SO04	Harness connector of passenger seat heating	SO32	Harness connector of Parking control module
SO05	Harness connector of passenger side power window	SO34	Harness connector of RL collision sensor
SO06	Harness connector of passenger seat airbag	SO35	Harness connector of left collision sensor
SO07	Harness connector of passenger seat belt	SO36	Harness connector of RR door control switch
SO08	To instrument panel harness connector 1	SO37	Harness connector of passenger safety belt pretensioner
SO09	To instrument panel harness connector 2	SO40	Harness connector of rear wiper motor
SO10	To instrument panel harness connector 3	SO41	Harness connector of right license lamp
SO11	Harness connector of driver power seat	SO42	Rear defrost negative harness connector
SO12	Harness connector of driver seat heating	SO43	Harness connector of back door lock motor
SO13	Driver safety belt switch	SO44	Harness connector of left license lamp
SO14	To engine compartment harness connector	SO45	To body harness connector
SO15	Harness connector of driver side seat airbag	SO46	Harness connector of high brake lamp
SO16	To left rear door harness connector	SO47	Rear defrost positive harness connector
SO17	Harness connector of luggage compartment lamp	SO48	Harness connector of camera
SO18	Harness connector of RL door control switch	SO49	Harness connector of parking sensor 1
SO19	Harness connector of driver safety belt pretensioner	SO50	Harness connector of parking sensor 2
SO20	Harness connector of FL door control switch	SO51	Harness connector of parking sensor 3
SO21	Harness connector of right collision sensor	SO52	Harness connector of RR fog lamp
SO22	Harness connector of RR collision sensor	SO53	To body harness connector
SO24	Harness connector of right rear combination lamp	SO54	Harness connector of RL fog lamp
SO25	Harness connector of RR wheel speed sensor	SO55	To engine compartment harness connector 2
SO26	Harness connector of fuel pump	SO56	To instrument panel harness connector
SO27	Harness connector of fuel level sensor	SO57	To instrument panel harness connector
SO28	Harness connector of RL speed sensor	SO58	To instrument panel harness connector
SO29	To rear bumper harness connector	SO59	Harness connector of rear wiper

Terminal Diagram of Body Harness Connector

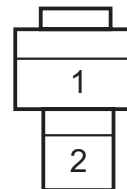
SO01 connect to RR door harness connector



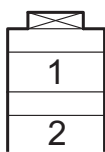
SO02 FR door control switch harness connector



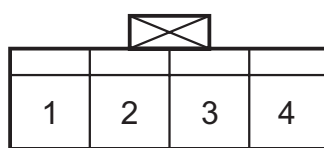
SO04 passenger seat-heating harness connector



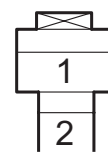
SO05 passenger power window harness connector



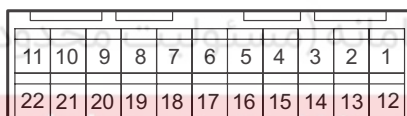
SO06 passenger seat airbag harness connector



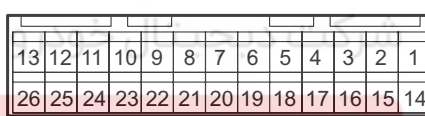
SO07 passenger safety belt harness connector



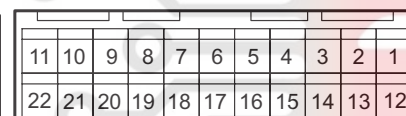
SO08 connect to instrument panel harness connector 1



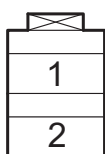
SO09 connect to instrument panel harness connector 2



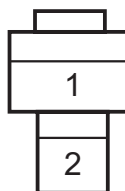
SO10 connect instrument panel harness connector 3



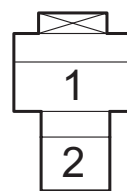
SO11 driver power seat harness connector



SO12 passenger seat-heating harness connector



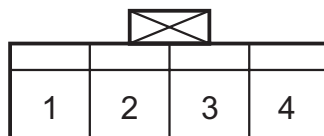
SO13 driver safety belt switch



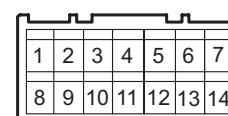
SO14 connect to engine compartment harness connector



SO15 driver seat side airbag harness connector

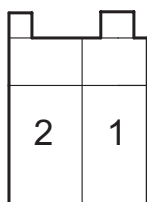
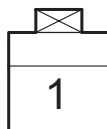
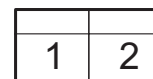
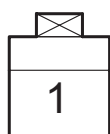
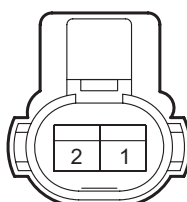
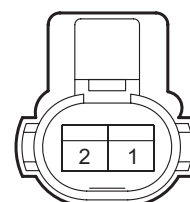
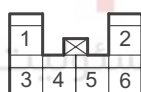


SO16 connect to RL door harness connector

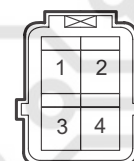
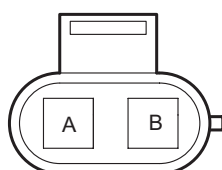
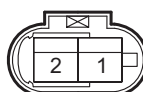
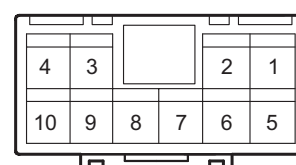
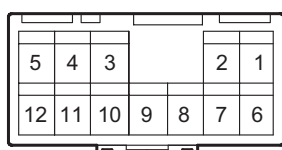
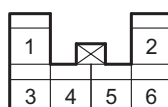
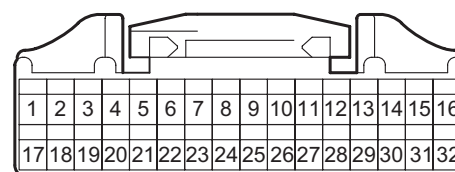


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Terminal Diagram of Base Plate Harness Connector (Continued 1)

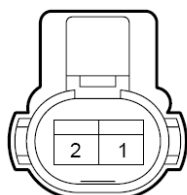
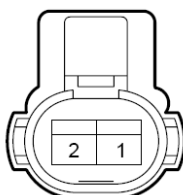
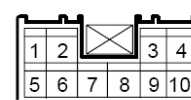
SO17 luggage compartment lamp
harness connectorSO18 RL door control switch
harness connectorSO19 driver safety belt pretensioner
harness connectorSO20 FL door control switch
harness connectorSO21 right side collision sensor
harness connectorSO22 RR side collision
sensor harness connectorSO24 RR combination lamp
harness connectorSO25 RR wheel speed harness
connector

SO26 fuel pump harness connector

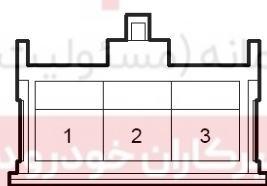
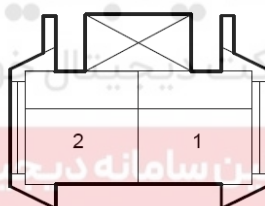
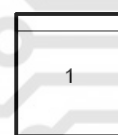
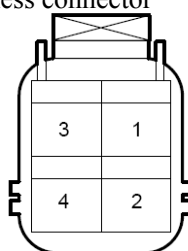
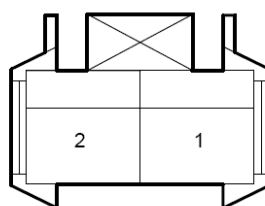
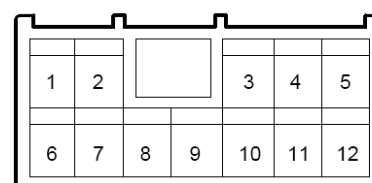
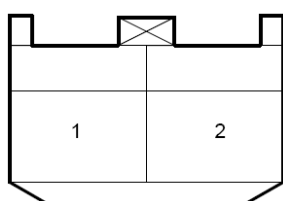
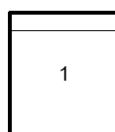
SO27 Fuel level sensor harness
connectorSO28 RL wheel speed sensor
harness sensorSO29 connect to bumper harness
connectorSO30 connector back door
harness connectorSO31 RL combination lamp
harness connectorSO32 Parking controller
module harness connector

NL13-10013

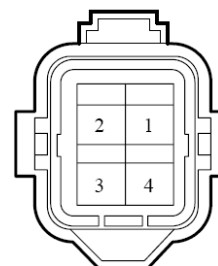
Terminal Diagram of Base Plate Harness Connector (Continued 2)

SO34 RL side collision sensor
harness connectorSO35 Left side collision sensor
harness connectorSO RR door control switch
harness connectorSO37 passenger safety belt with
pretensioner harness connectorSO54 RL fog lamp harness
connectorSO53 connect to body harness
connector

SO40 rear wiping motor harness

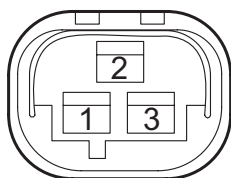
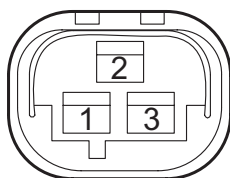
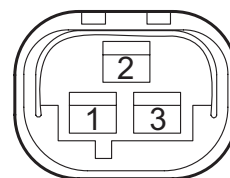
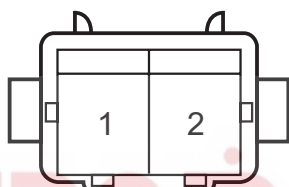
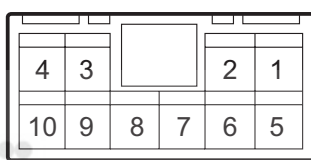
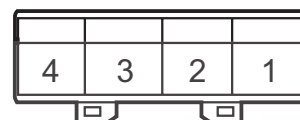
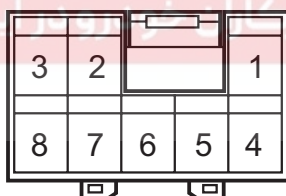
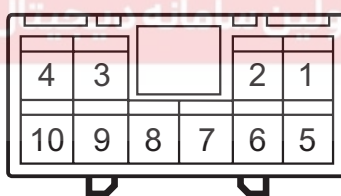
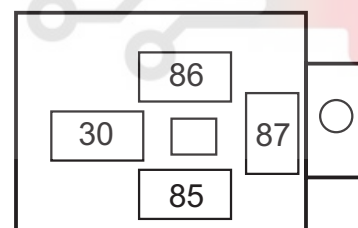
SO41 right license lamp harness
connectorSO42 rear defrost negative harness
connectorSO43 Back door lock motor
harness connectorSO44 left license lamp harness
connectorSO45 connect to body harness
connector harness connectorSO46 high mount brake lamp
harness connectorSO47 Rear defrost positive harness
connector

SO48 camera harness connector



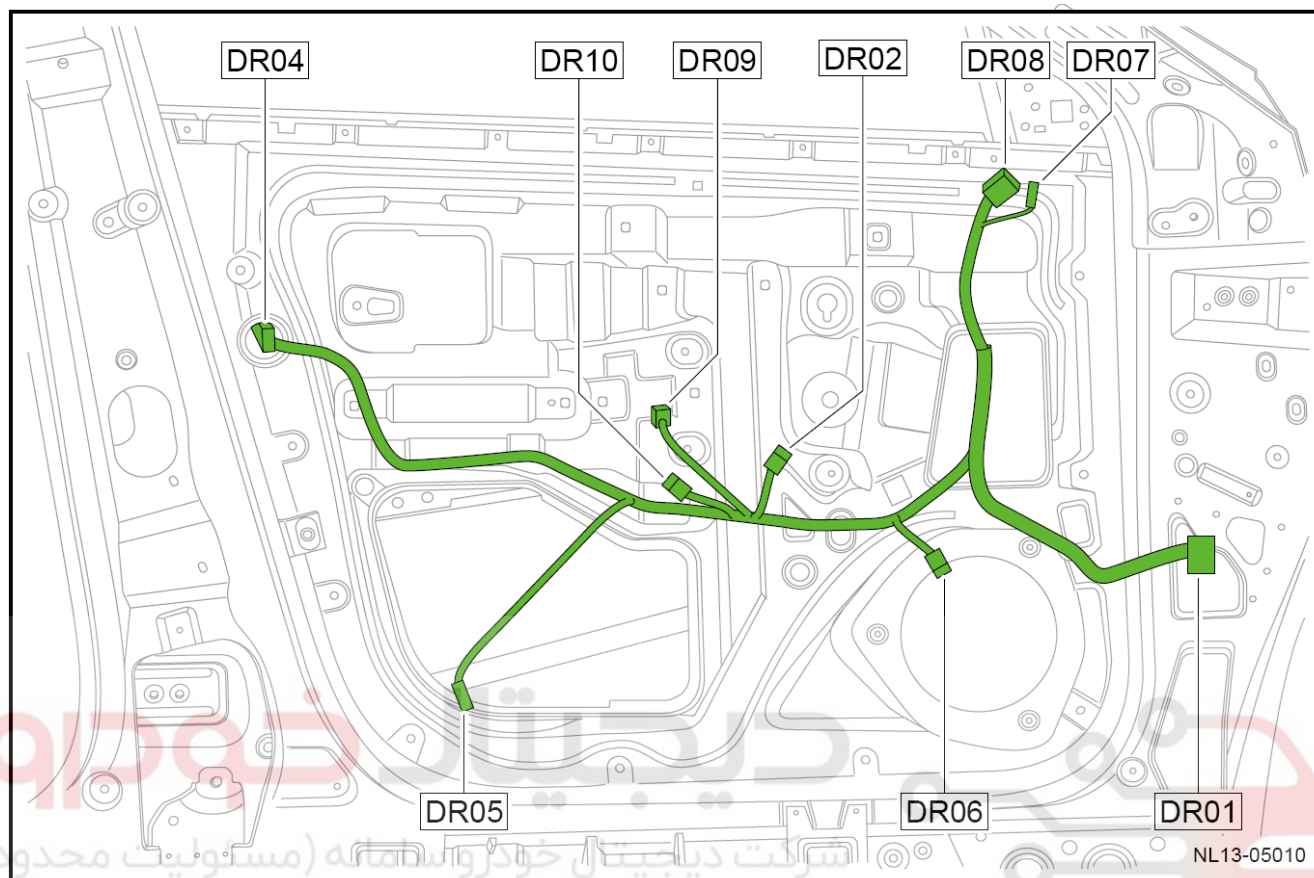
NL13-10014

Terminal diagram of floor harness connector (cont. 3)

S049 To parking radar 1
harness connectorS050 To parking radar 2
harness connectorS051 To parking radar 3
harness connectorS052 RR fog lamp
harness connectorS055 To engine compartment
harness connector 2S056 To instrument panel
harness connectorS057 To instrument panel
harness connectorS058 To instrument panel
harness connectorS059 Rear wiper relay harness
connector

NL13-10015

Front Left (FL) Door Harness Layout Drawing



اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

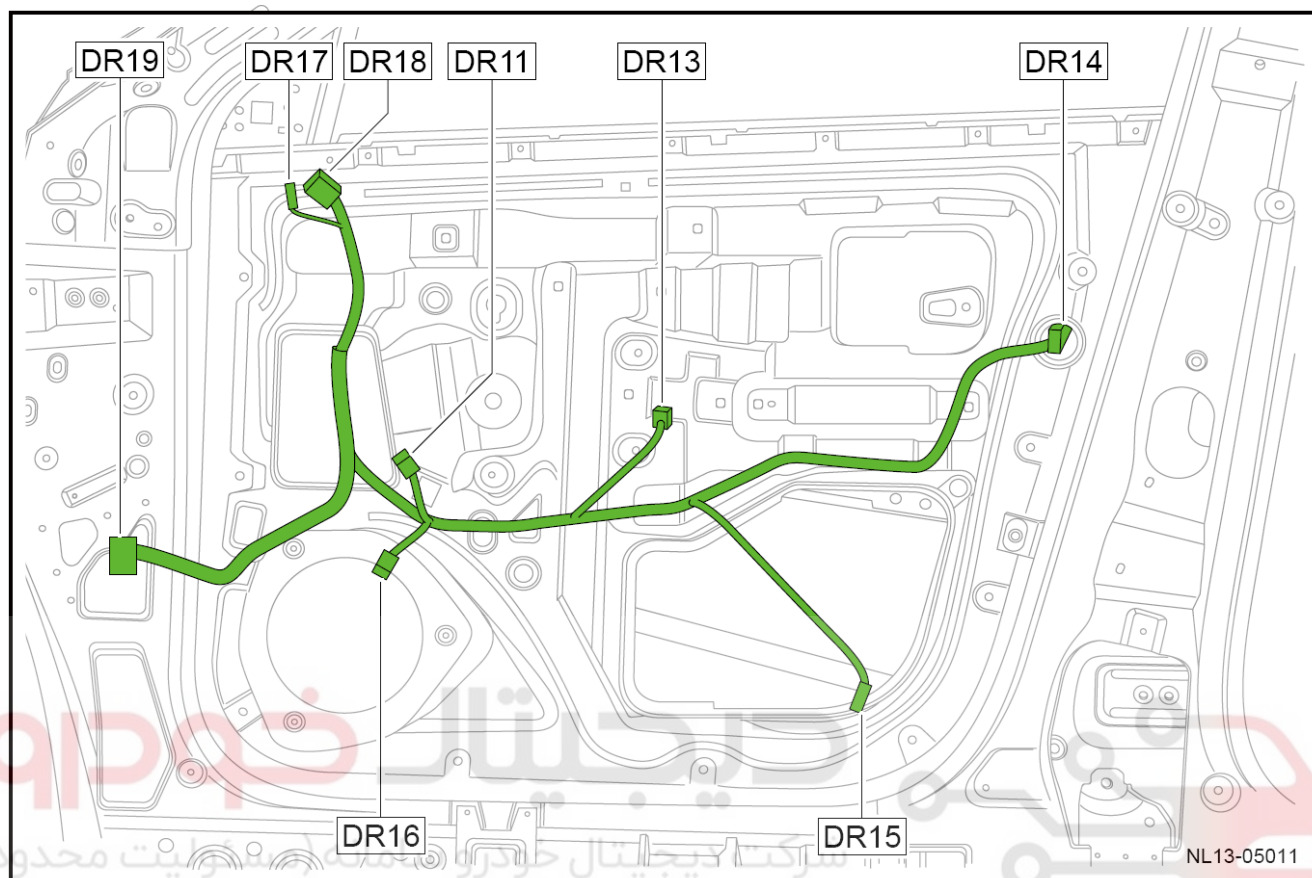
Harness connector	Description	Harness connector	Description
DR01	To instrument panel harness connector	DR06	Harness connector of FL door front speaker
DR02	FL door power window motor connector	DR07	FL door tweeter harness
DR02	FL door power window motor connector	DR08	Harness connector of left exterior rearview mirror
DR04	Harness connector of FL door lock motor	DR09	Harness connector of power rearview mirror switch
DR05	FL door step lamp connector	DR10	Harness connector of FL door power window switch

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Right Front (FR) Door Harness Layout Drawing

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

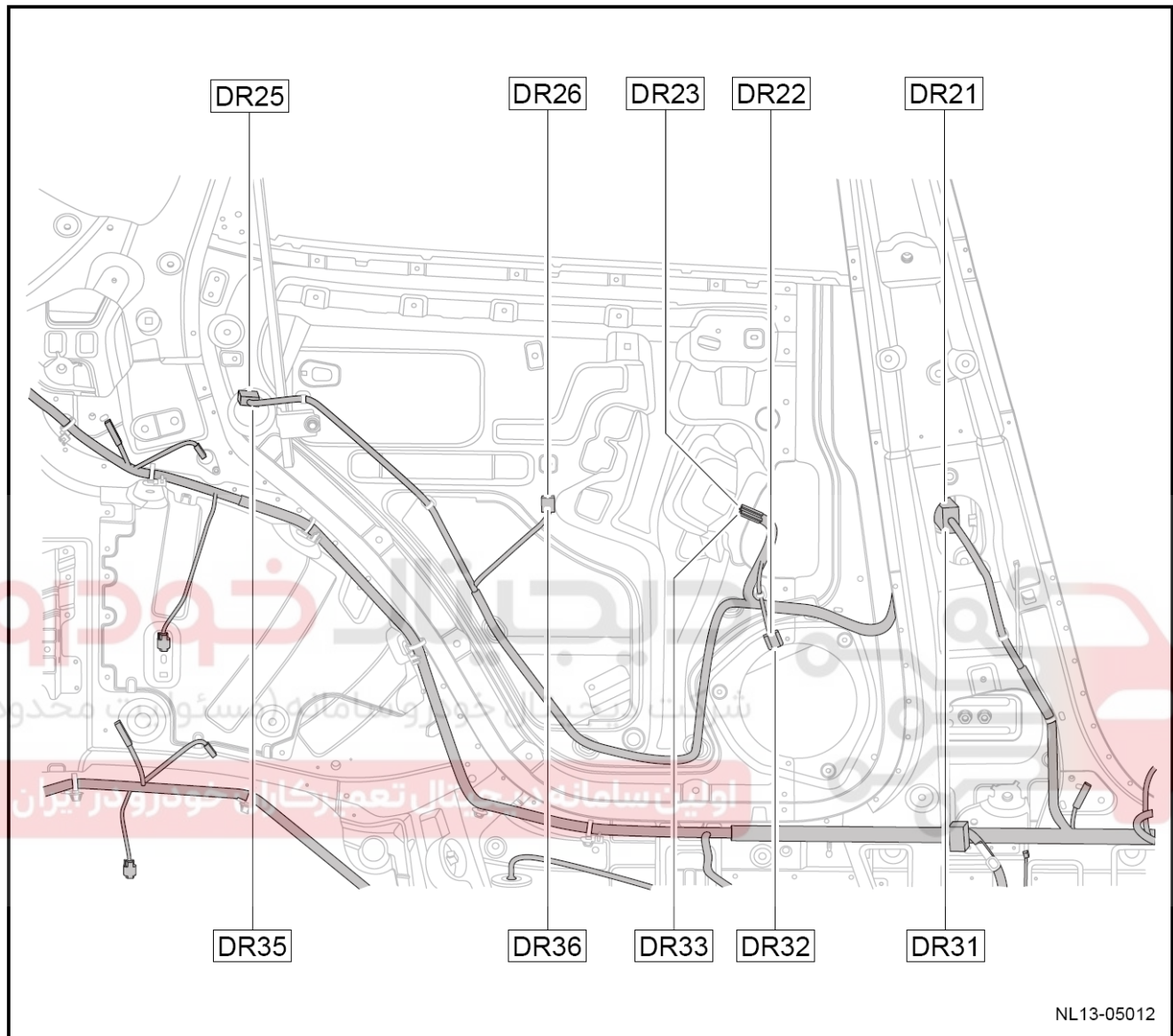
Harness connector	Description	Harness connector	Description
DR11	Harness connector of FR power window motor	DR16	FR door speaker connector
DR13	Harness connector of FR door power window switch	DR17	FR door tweeter speaker
DR14	Harness connector of FR door lock motor	DR18	Right exterior rearview mirror connector
DR15	FR door step light connector	DR19	FR door connecting to instrument panel harness connector

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Rear Door Harness Layout Drawing

Harness connector	Description	Harness connector	Description
DR21	RL door connecting to body harness connector	DR31	RR door connecting to body harness connector
DR22	Harness connector of RL speaker	DR32	Harness connector of RR speaker
DR23	Harness connector of RL power window motor	DR33	Harness connector of RR power window motor
DR25	Harness connector of RL door lock motor	DR35	Harness connector of RR door lock motor
DR26	Harness connector of RL door power window switch	DR36	Harness connector of RR door power window switch

دیجیتال خودرو

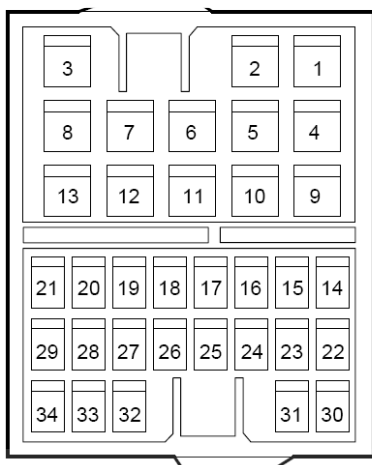
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

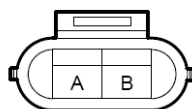


Terminal Diagram of Door Harness

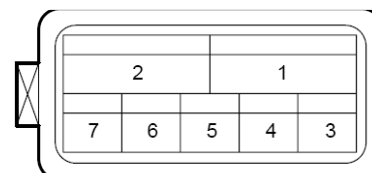
DR01 connect to instrument panel harness connector



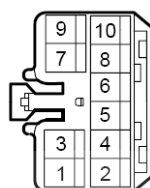
DR02 FL door power window motor connector (without anti-clamp)



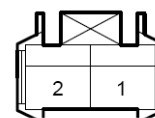
DR02 FL power window motor connector (with anti-clamp)



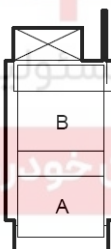
DR04 FL door lock motor harness connector



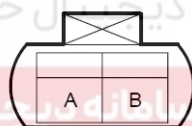
DR05 FL door step lamp connector



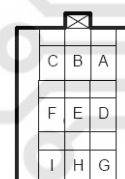
DR06 FL door front speaker harness connector



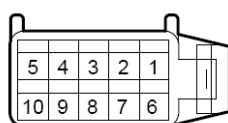
DR07 FL door tweeter harness



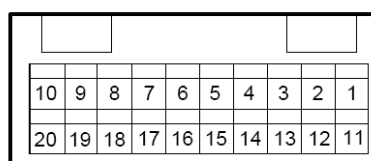
DR08 left exterior rearview mirror connector



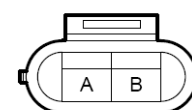
DR09 power rearview mirror switch harness connector



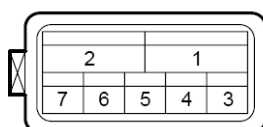
DR10 FL door power window switch harness connector



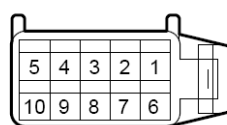
DR11 FR door power window motor harness connector (without anti-clamp)



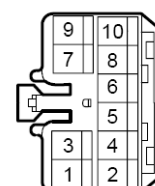
DR11 FR door power window motor harness connector (without anti-clamp)



DR13 FR door power window switch harness connector



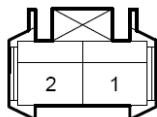
DR14 FR door lock motor harness connector



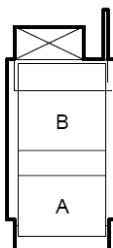
NL13-10016

Terminal Diagram of Door Harness (Continued 1)

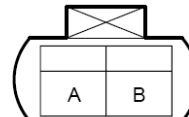
DR15 FR door step light connector



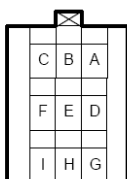
DR16 FR door speaker connector



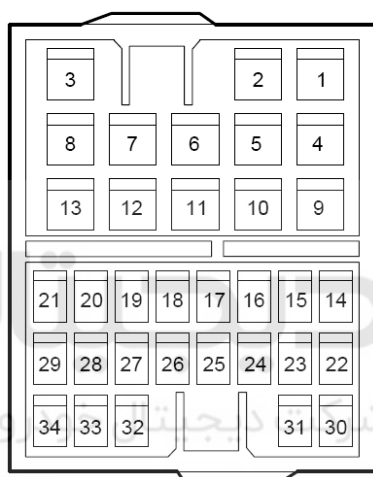
DR17 FR door tweeter connector



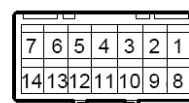
DR18 Right side door rearview mirror connector



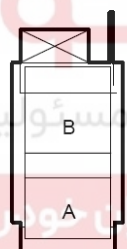
DR19 FR door connect to instrument panel harness connector



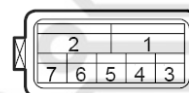
DR21 RL door connect to body harness connector



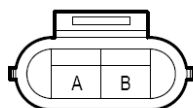
DR22 RL speaker harness connector



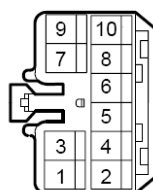
DR23 RL power window motor harness connector (anti-clamp)



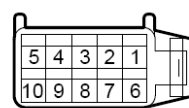
DR23 RL door power window motor harness connector (without anti-clamp)



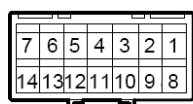
DR25 RL door lock motor harness connector



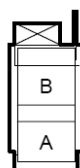
DR26 RL door power window switch harness connector



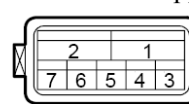
DR31 RR door to body harness connector



DR32 RR speaker harness connector



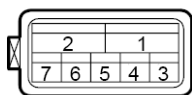
DR33 RR door power window motor harness connector (without anti-clamp)



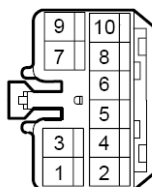
NL13-10017

Terminal Diagram of Door Harness (Continued 2)

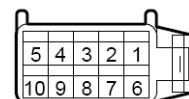
DR33 RR power window
motor harness connector
(with anti-clamp)



DR35 RR door lock
motor harness connector



DR36 RR power window
switch harness connector



دیجیتال خودرو

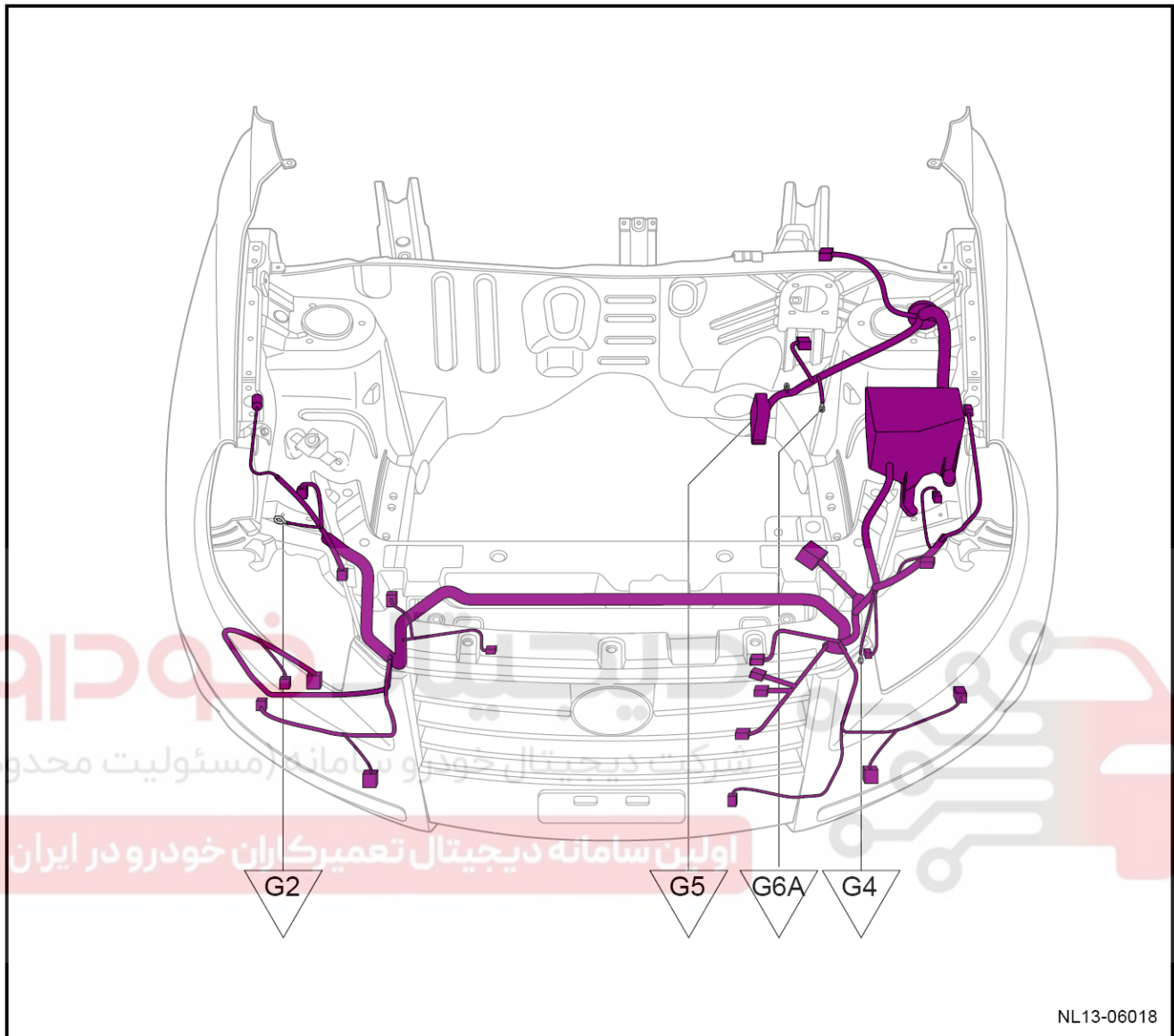
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

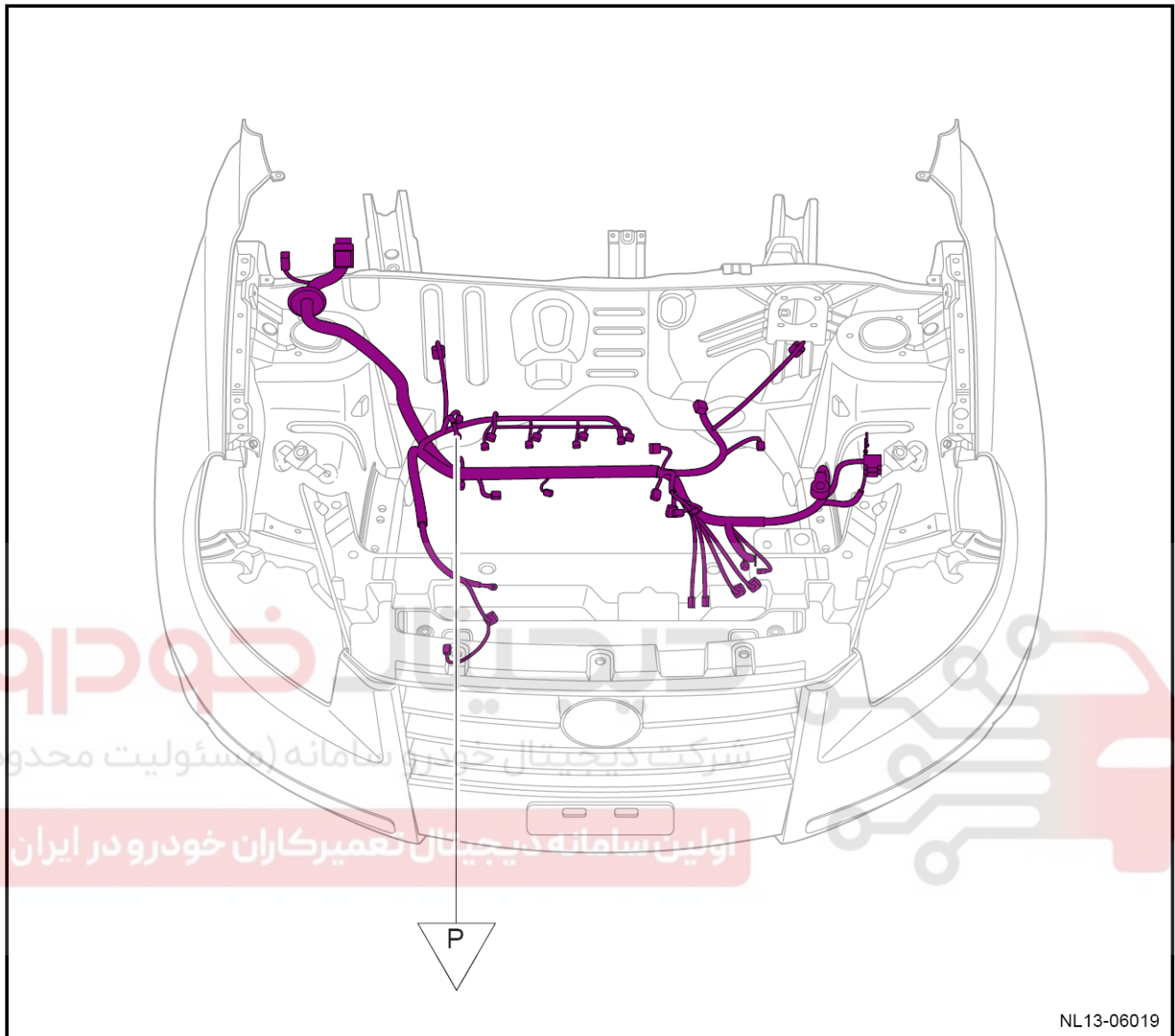


NL13-10018

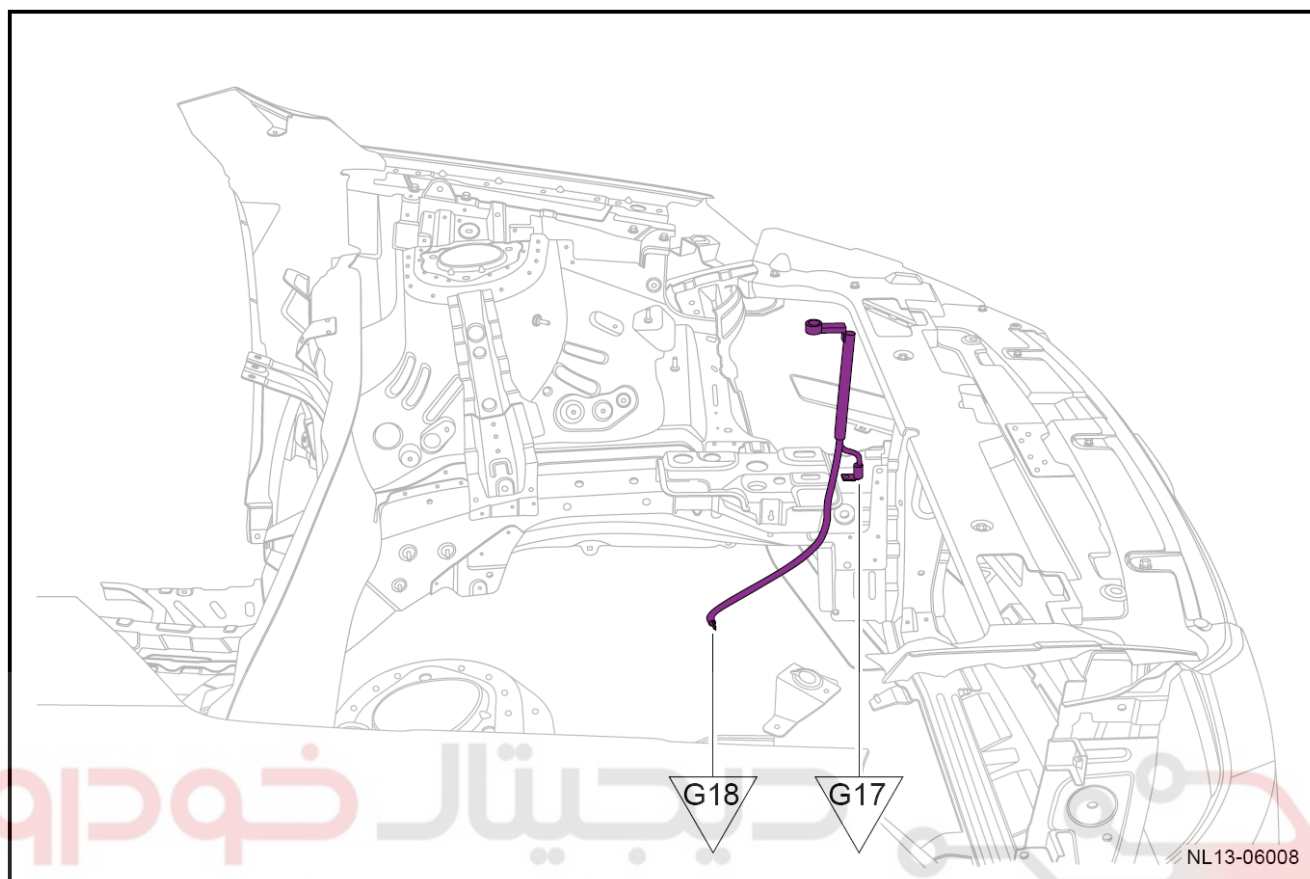
Front Compartment Harness Grounding Layout Drawing



Engine Harness Grounding Layout Drawing



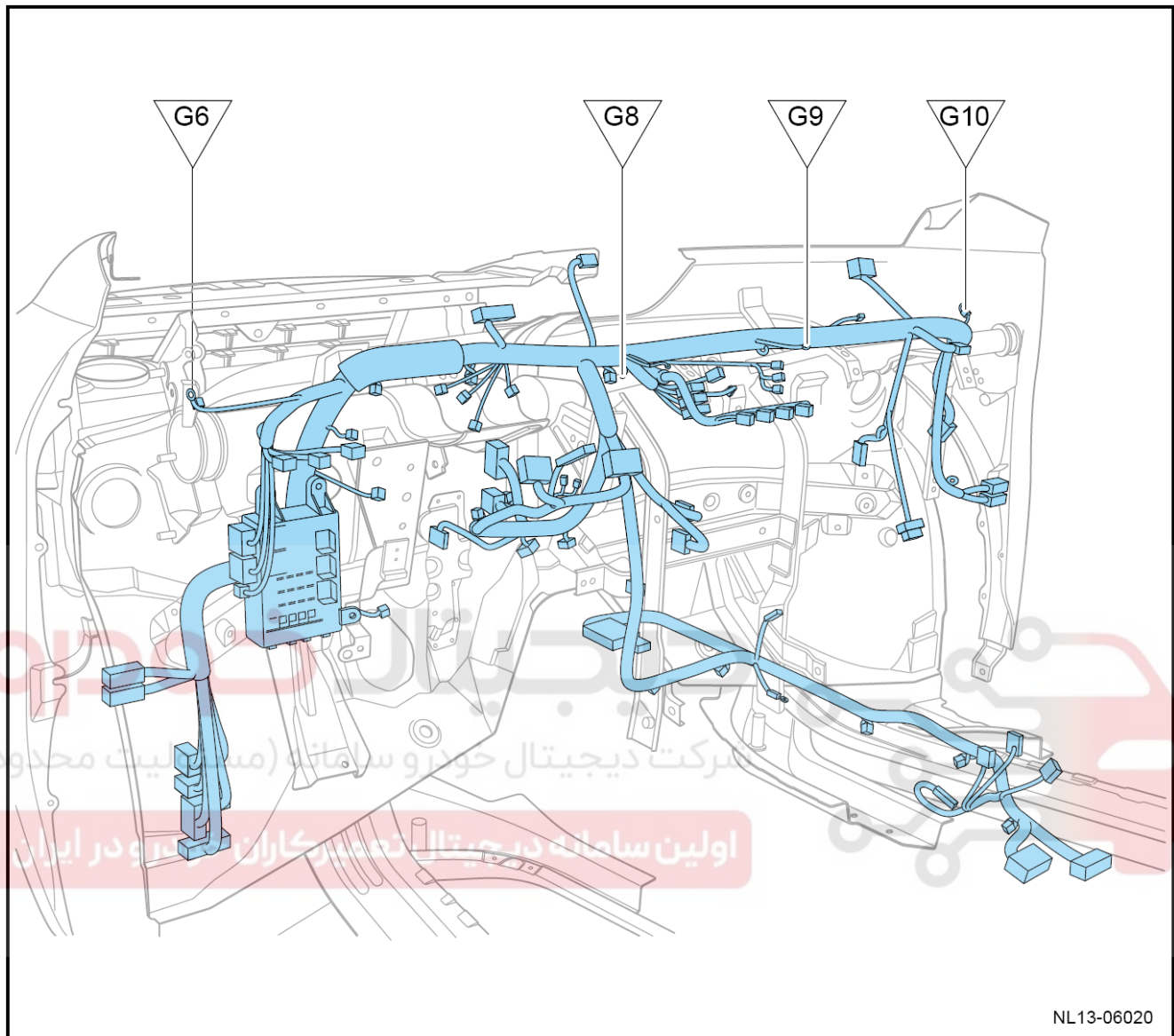
Battery Negative Harness Grounding Layout Drawing



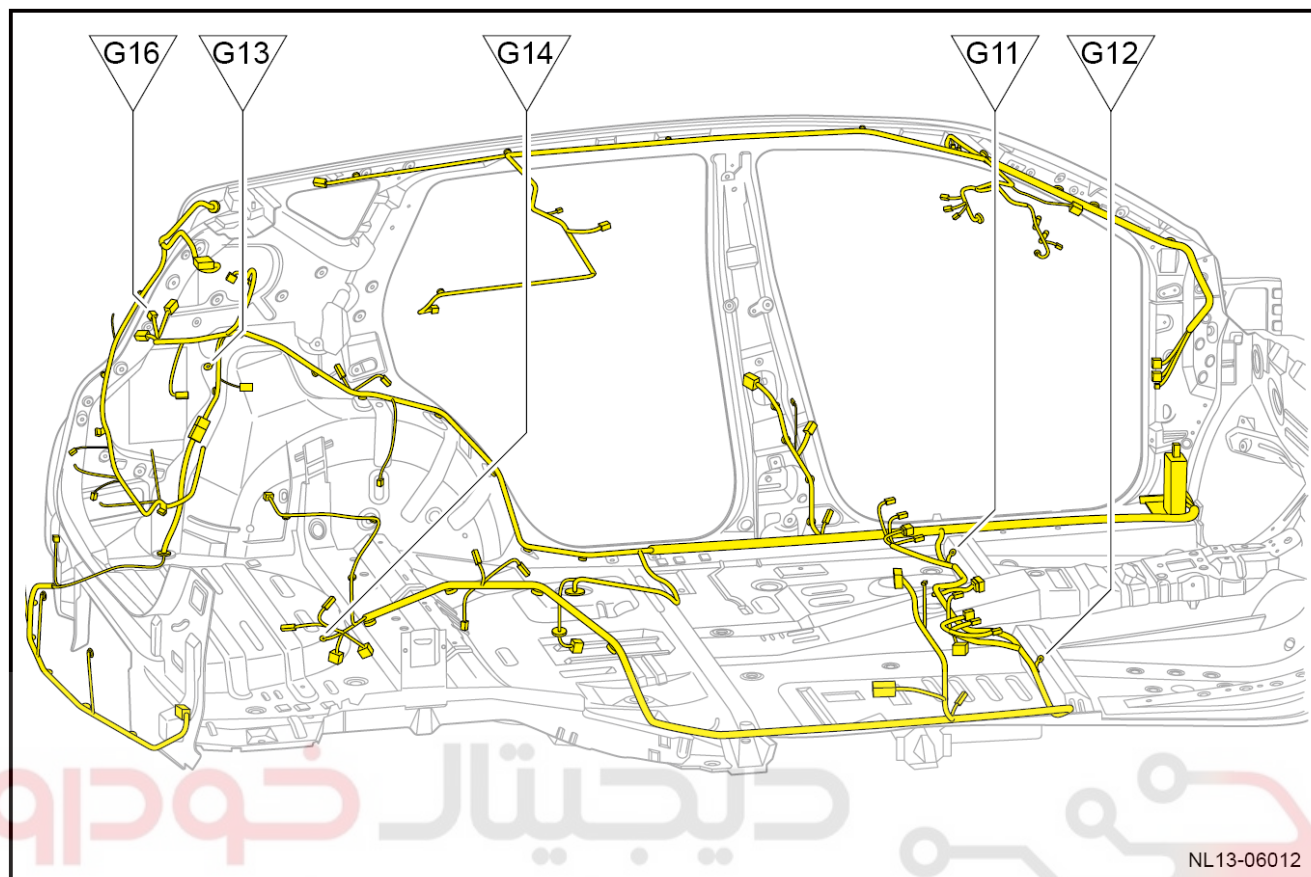
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Instrument Harness Grounding Layout Drawing



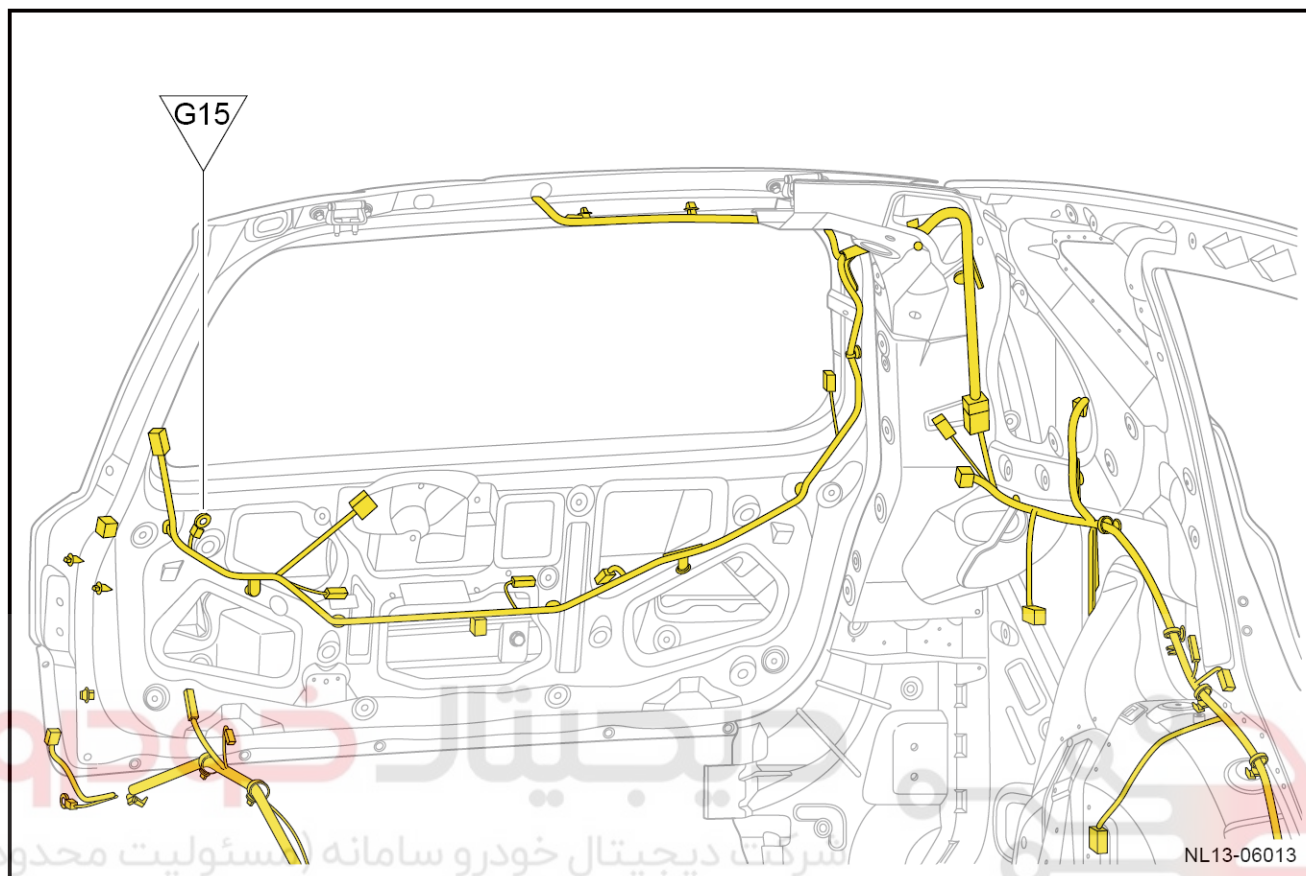
Body harness Grounding Point Layout Drawing



شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

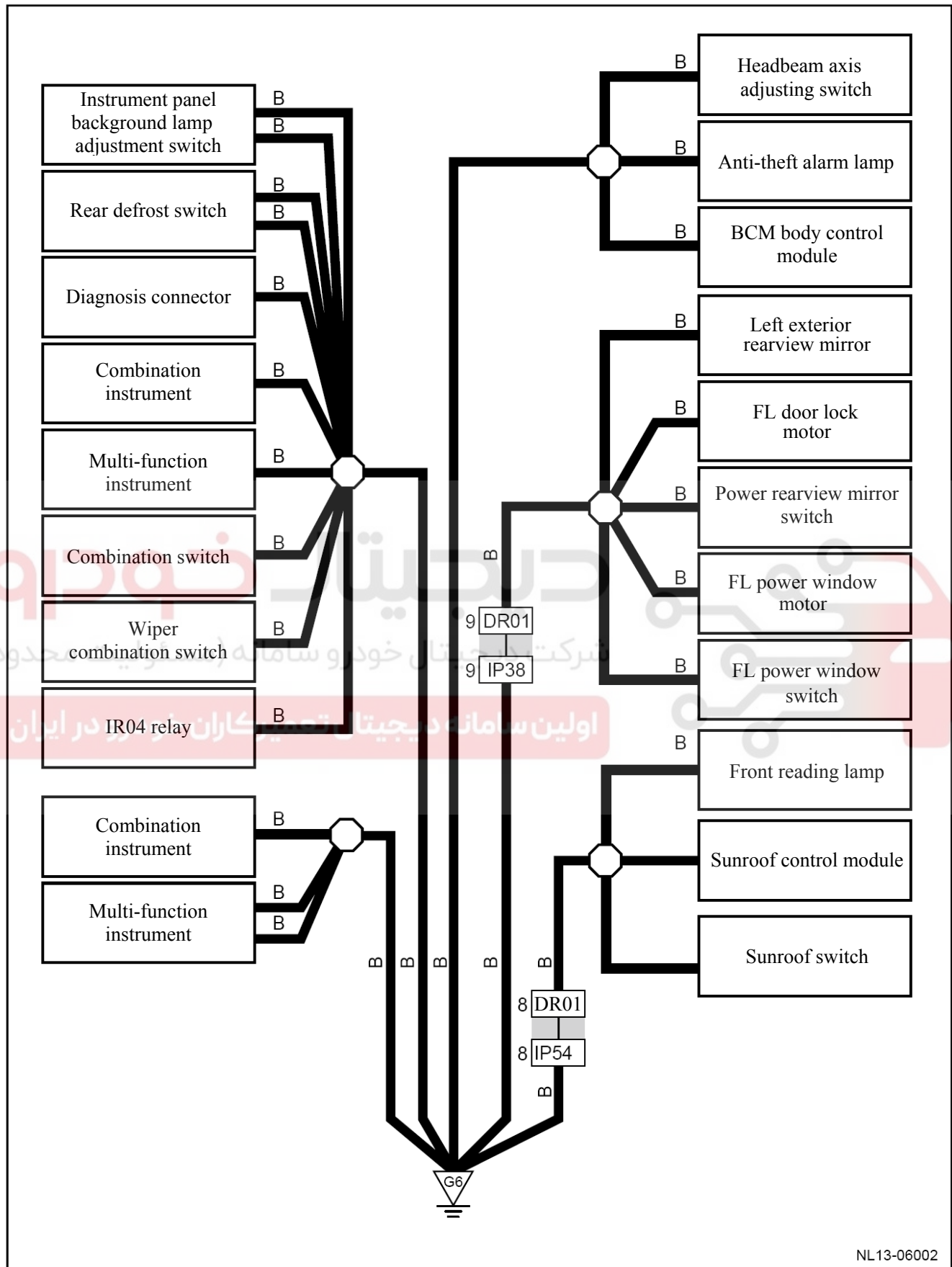
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Back Door Harness Grounding Layout Drawing

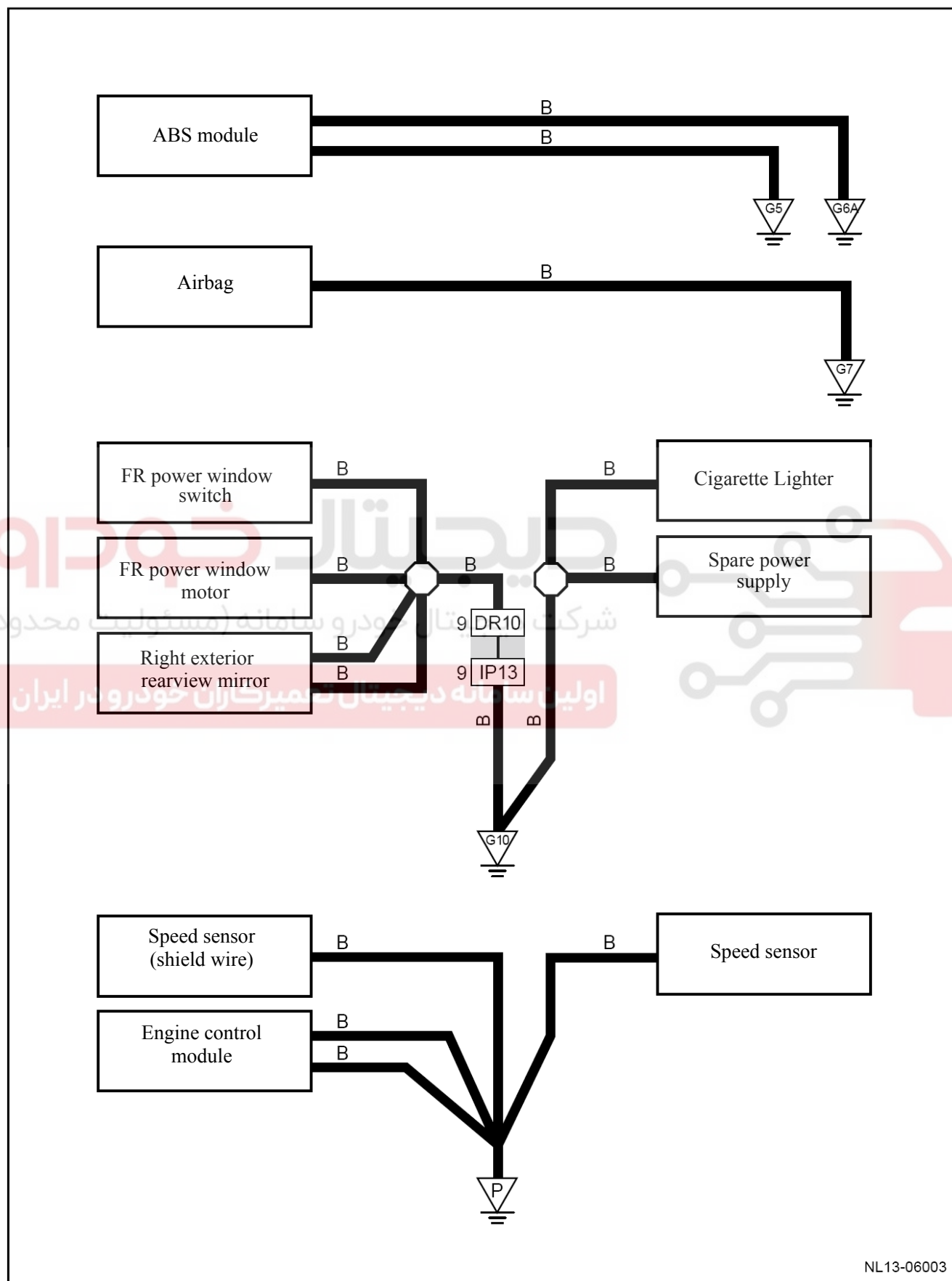


اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Grounding Circuit Drawing 1 (G6)

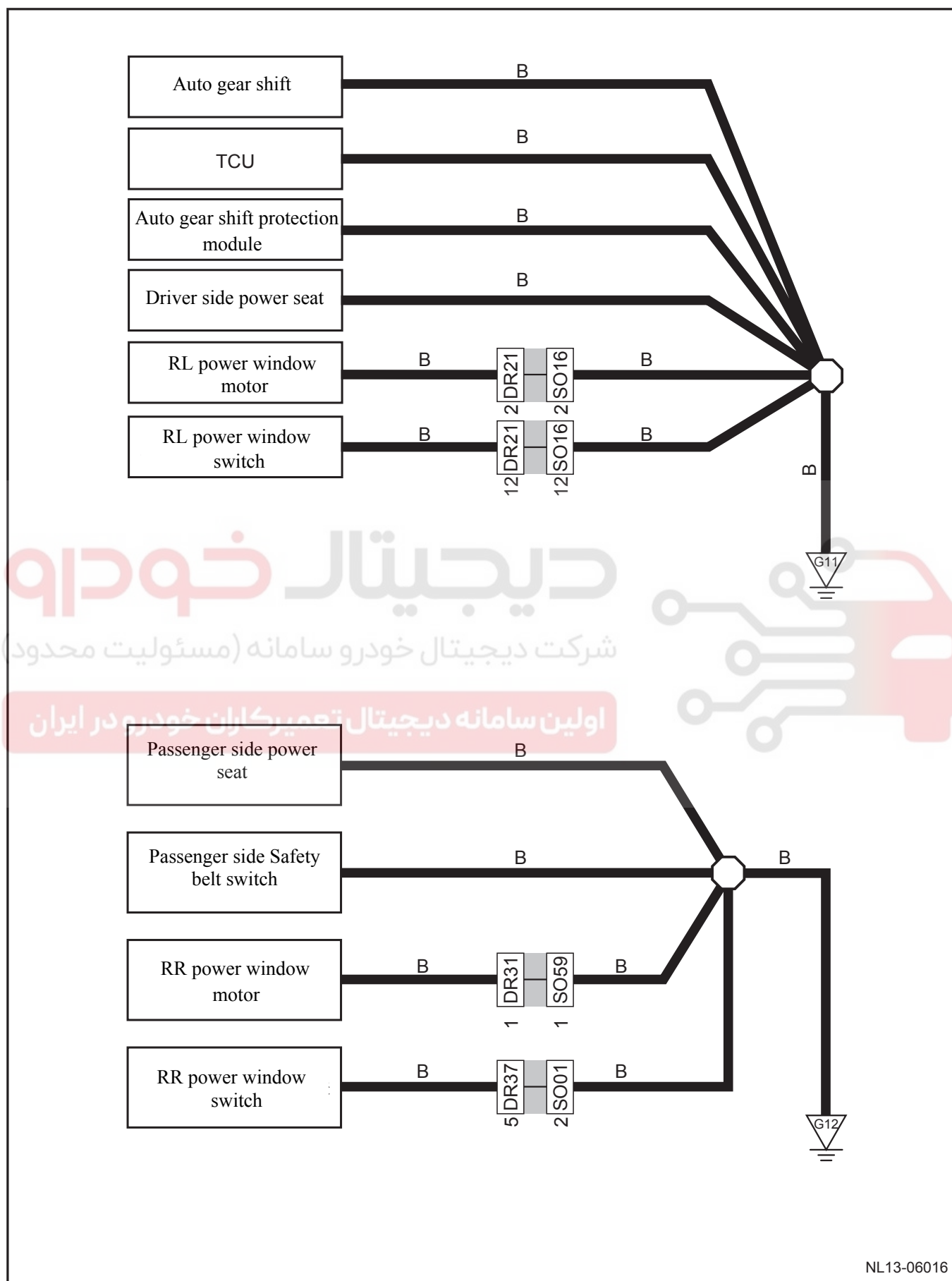


Grounding Circuit Drawing 2 (G5, G6A, G7, G10 and P)



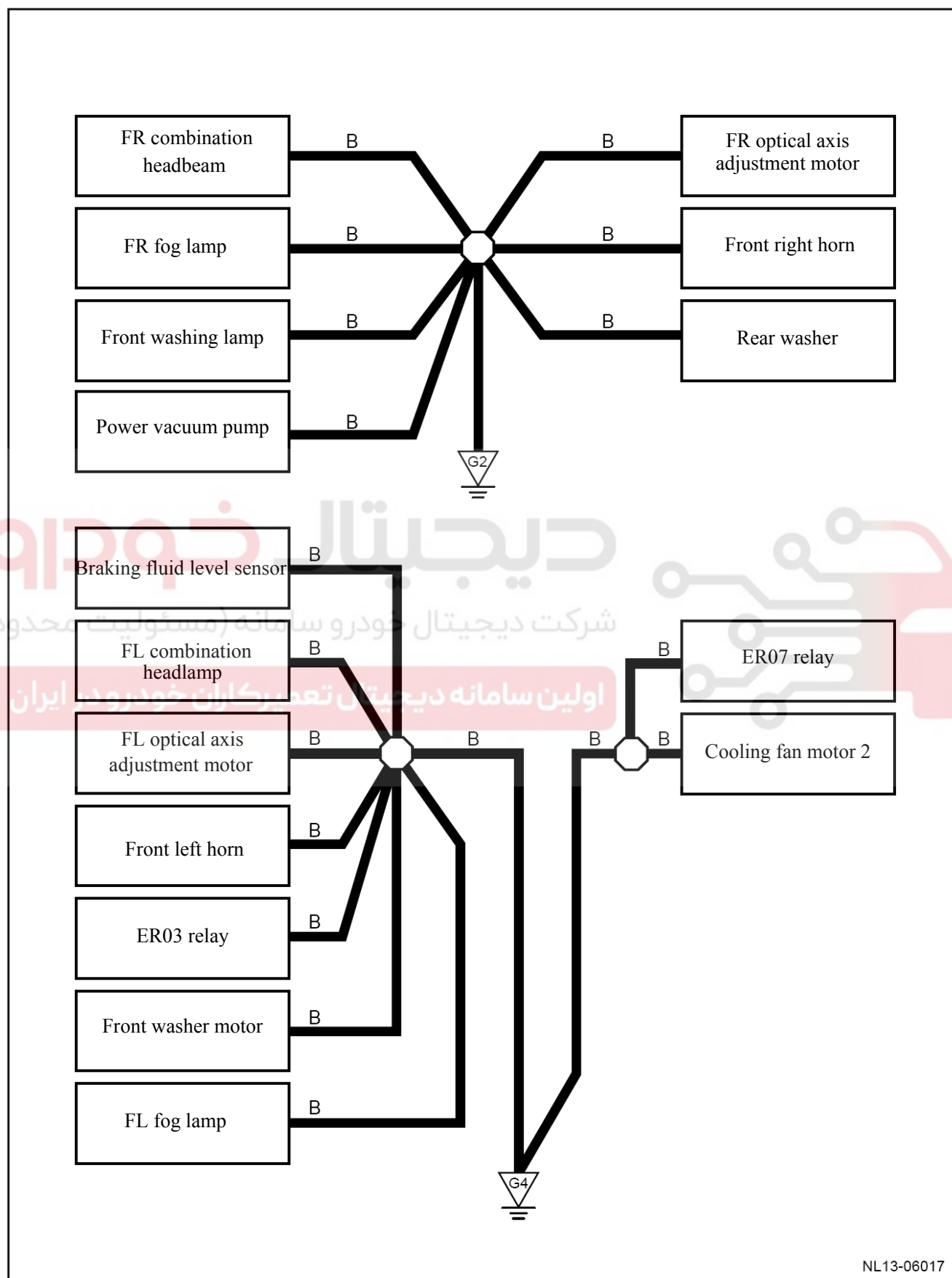
NL13-06003

Grounding Circuit Drawing 3 (G11, G12)



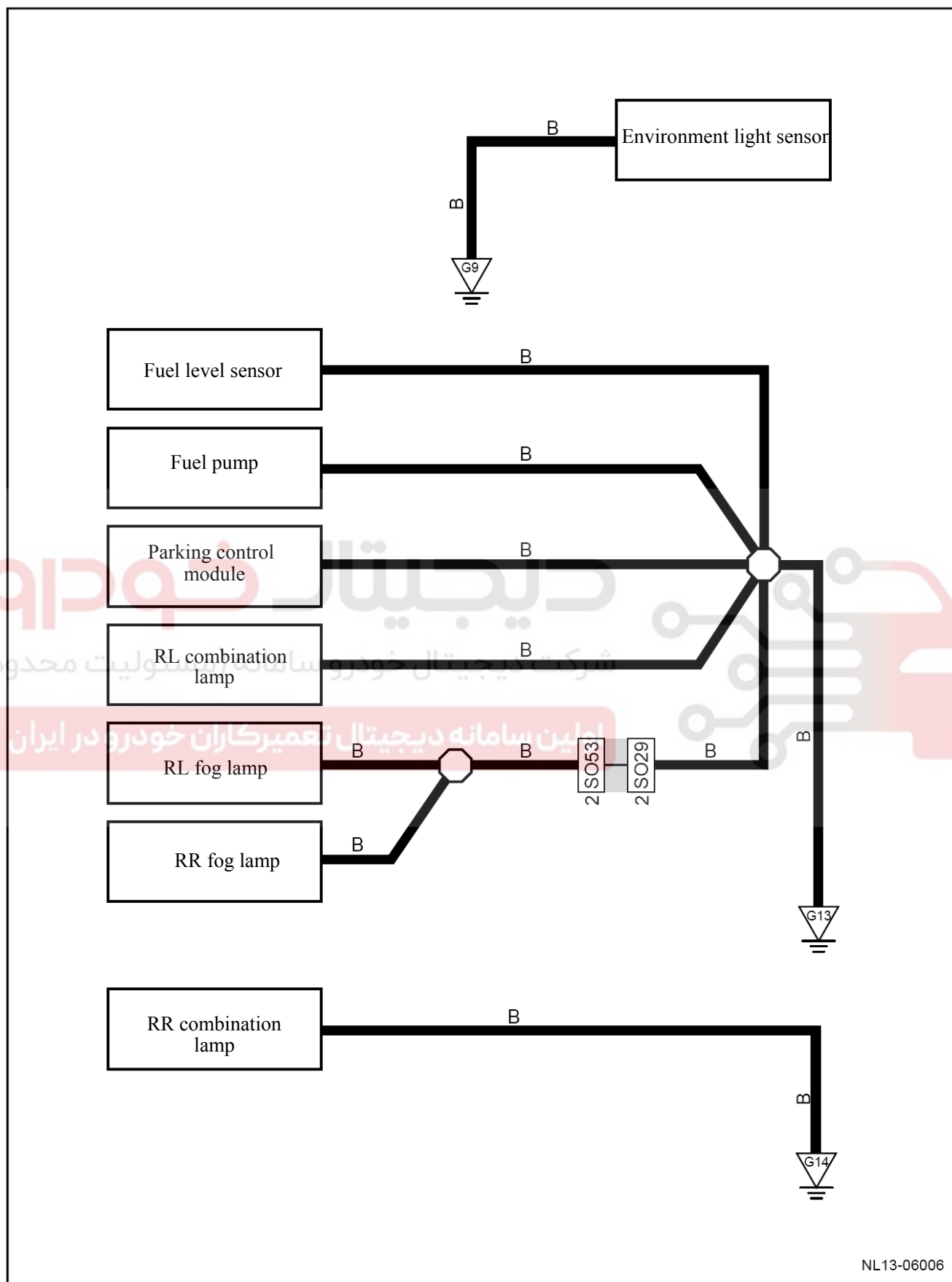
NL13-06016

Grounding Circuit Drawing 4 (G2, G4)

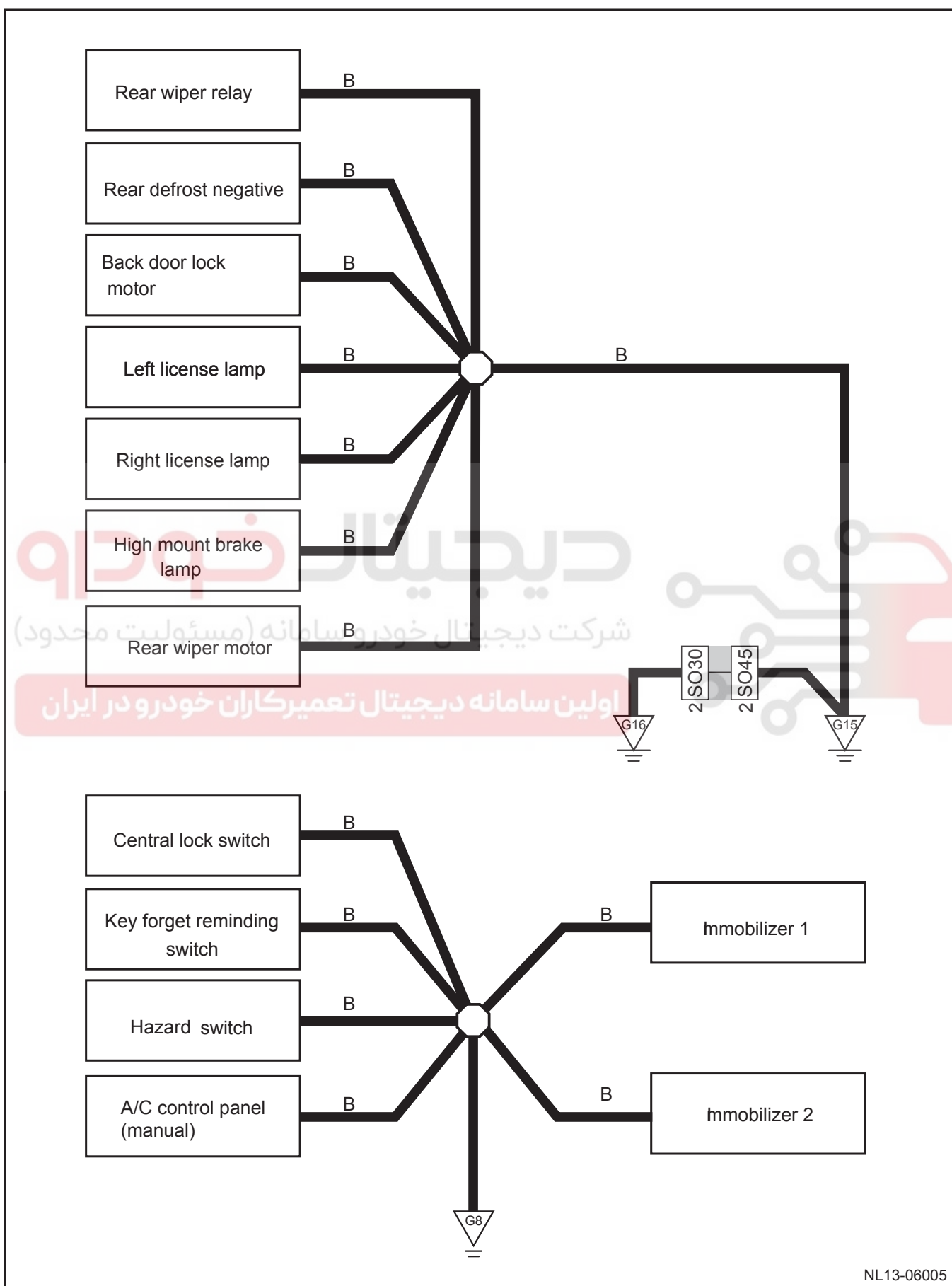


NL13-06017

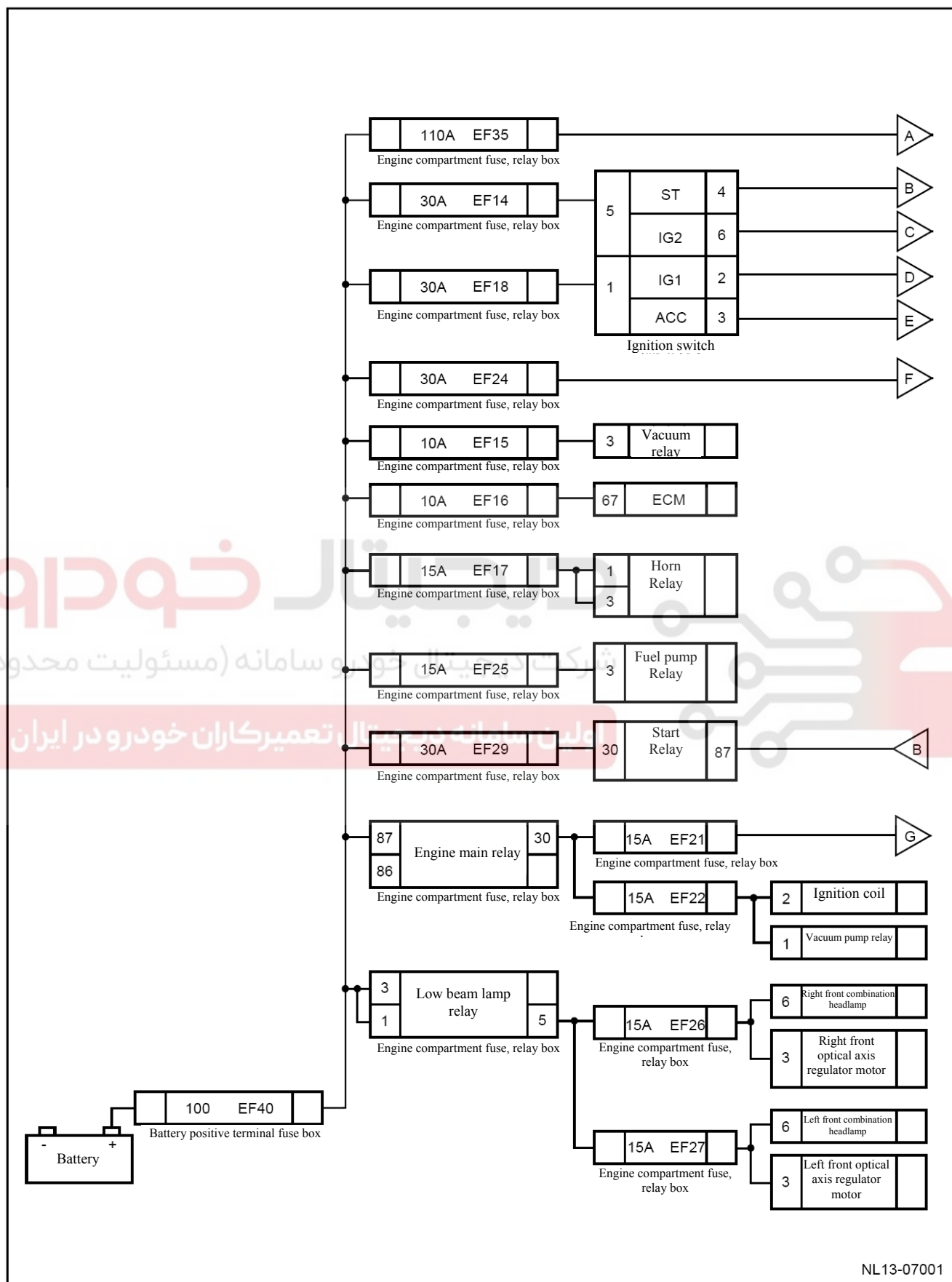
Grounding Circuit Drawing 5 (G9, G13, G14)



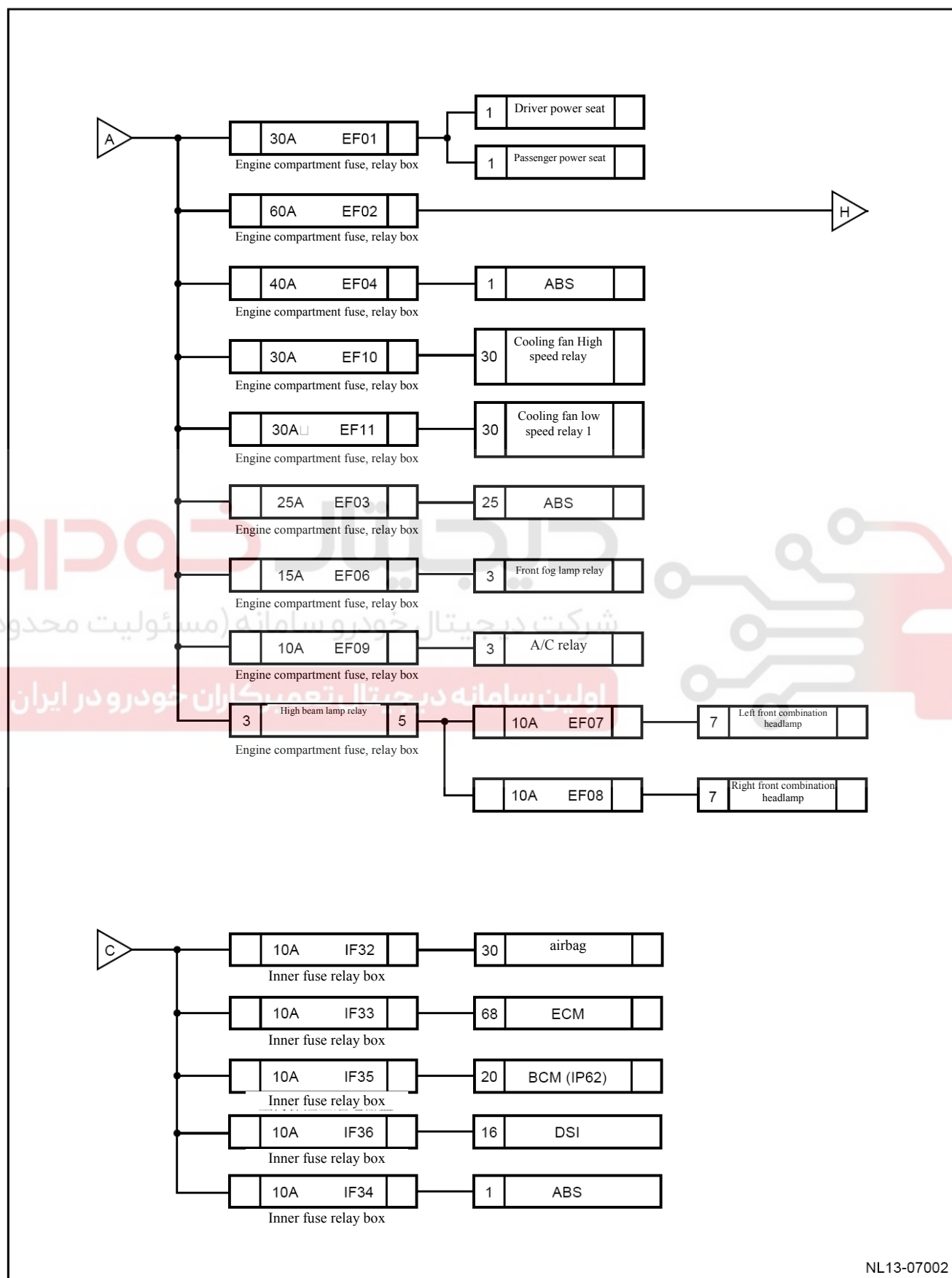
Grounding Wiring Diagram 6 (G8, G15, G16)



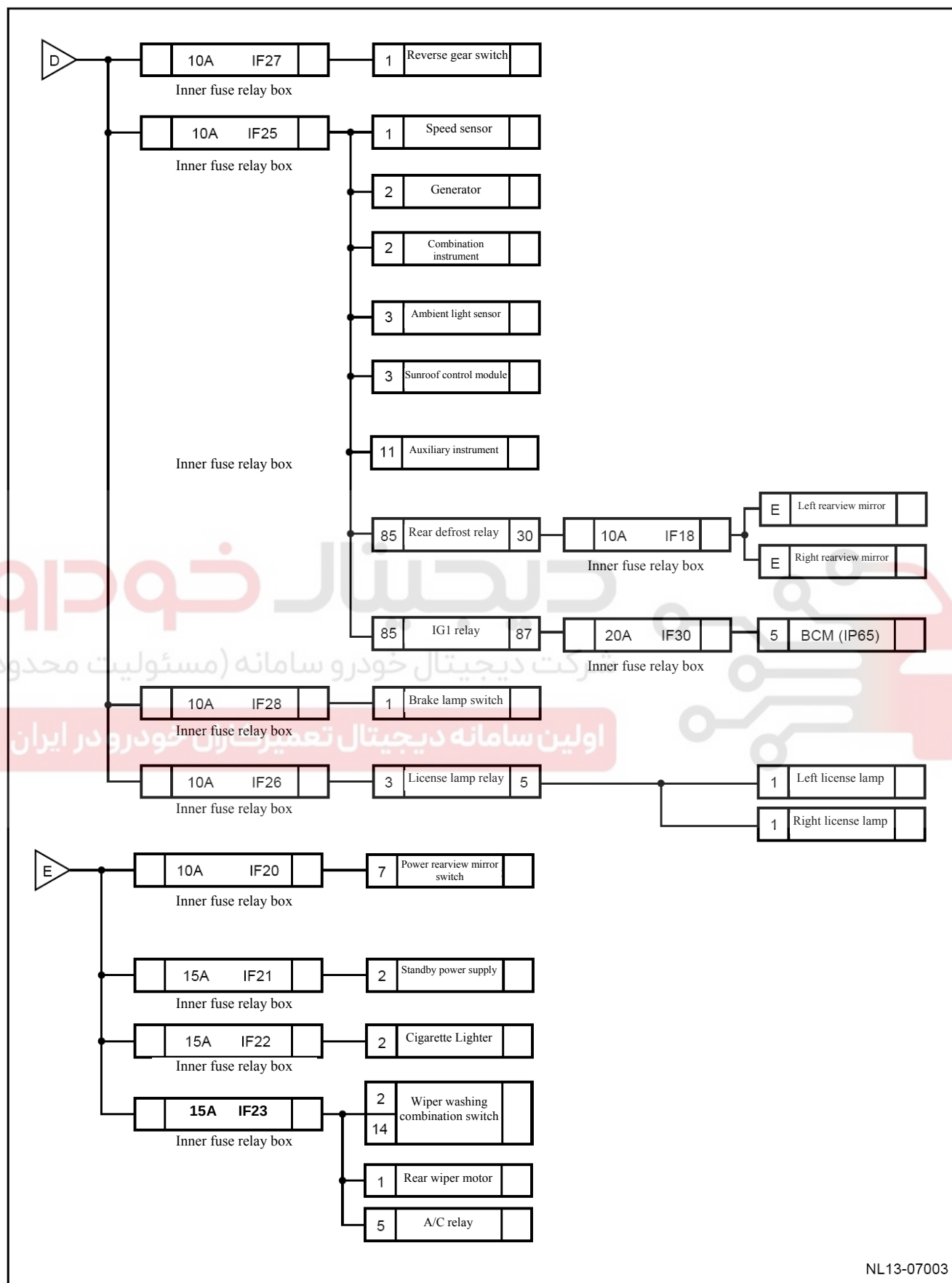
Power Configuration Circuit Diagram 1



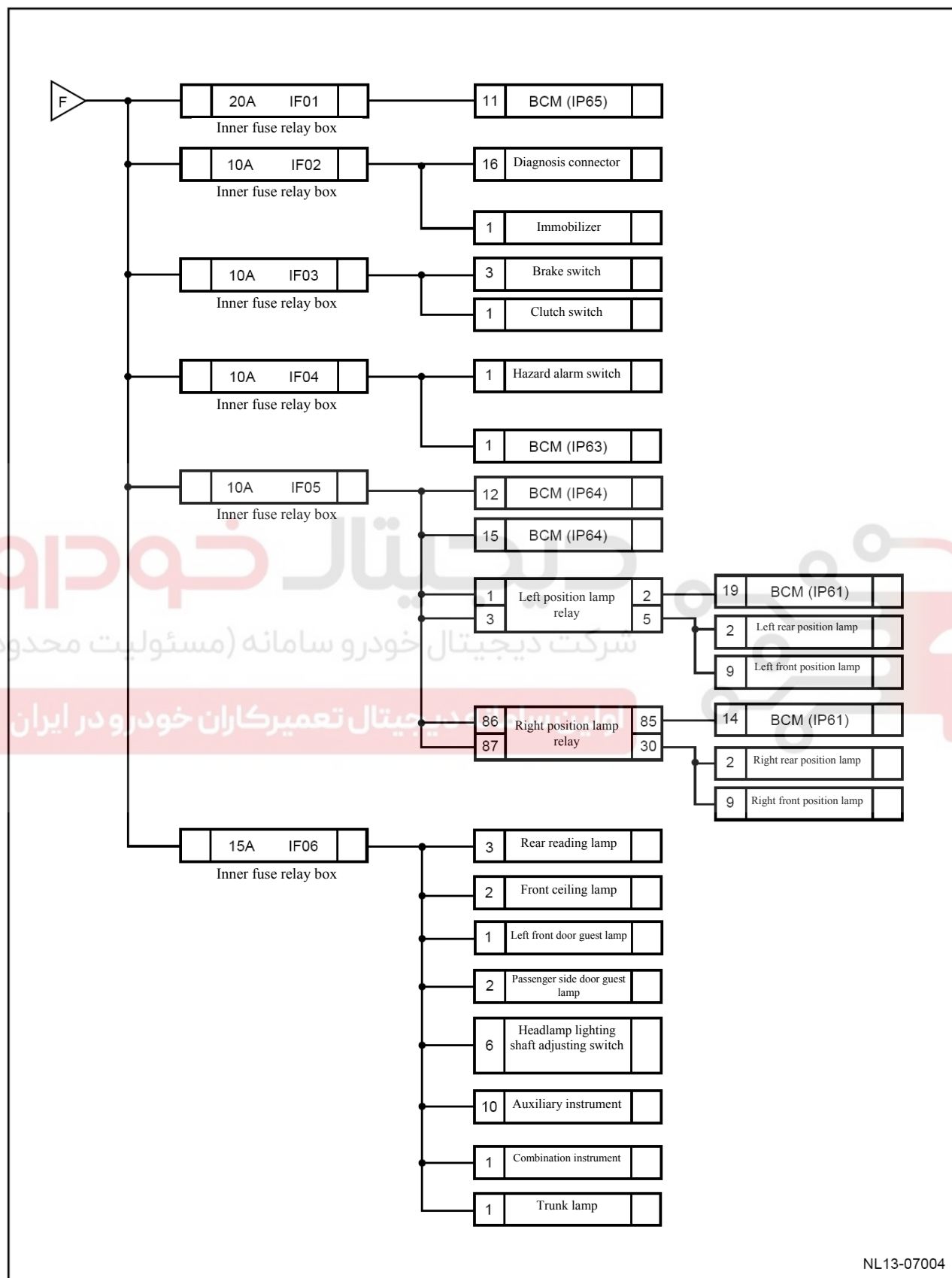
Power Configuration Circuit Diagram 2



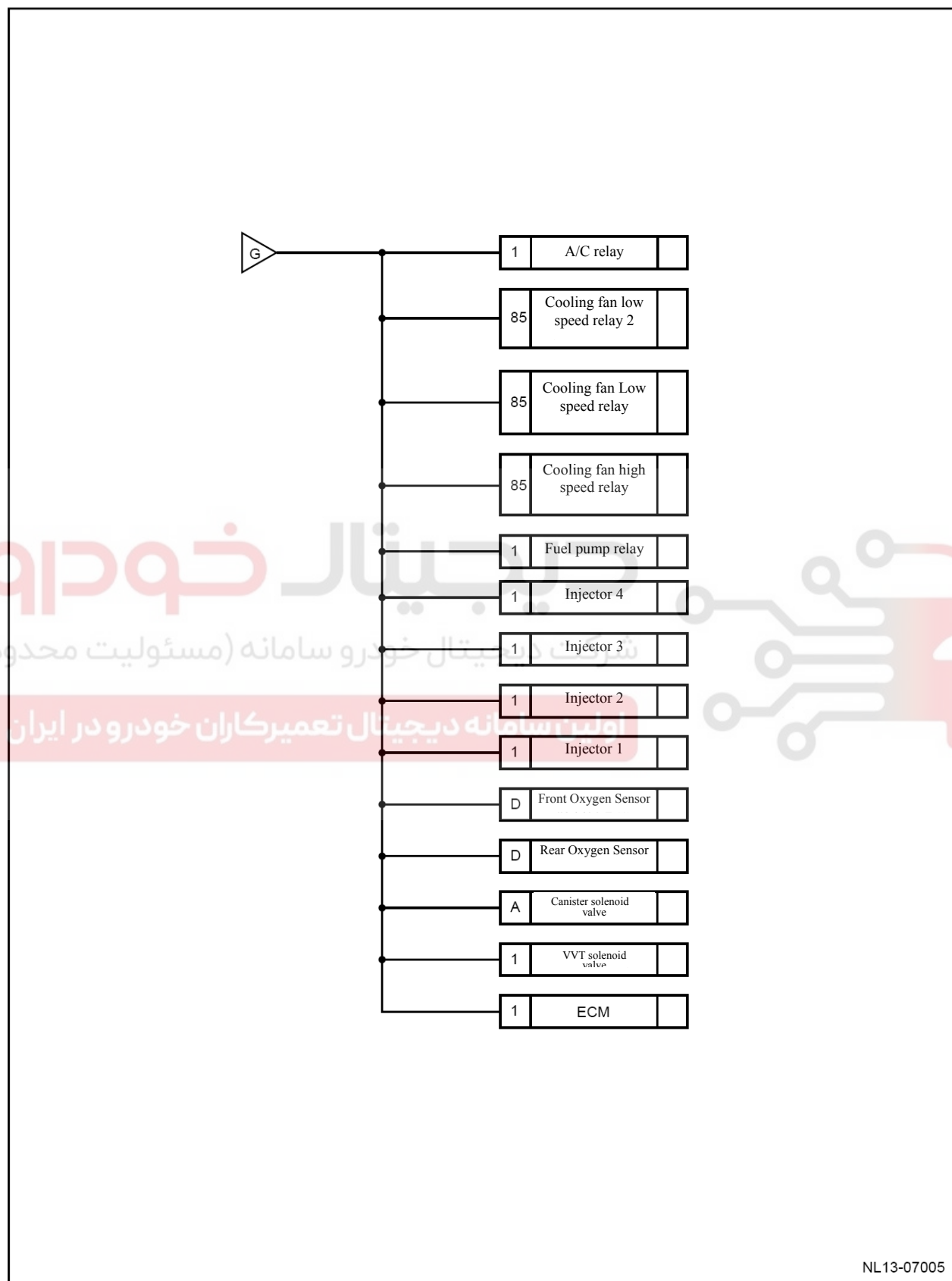
Power Configuration Circuit Diagram 3



Power Configuration Circuit Diagram 4



Power Configuration Circuit Diagram 5



Power Configuration Circuit Diagram 6

