

JAC Motors

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JAC Motors

Refine S2 Service Manual

[Circuit Troubleshooting Fascicule]

Version : First Edition (2015.7) Technical Code : F5W0055



Refine
S2
Service
Manual

Circuit
Trouble
Shooting
Fascicule

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[illegible]

- 1 System Designation
- 2 Harness Connector NO.

The numbering rule of harness connector in this circuit catalogue is based on harness, For example, the serial number of harness connector of left front headlamp among engine harness is E23, E means harness code, 23 means the serial number of connector.

Each code in the following chart represents the corresponding harness :

Definition	Harness Designation
B	Power Supply Harness
E	Engine Harness
A	Engine Control Harness
M	Main Harness
R	Ceiling Harness
F	Body Harness
D0*	Left Front Door Harness
D1*	Right Front Door Harness
D2*	Left Rear Door Harness
D3*	Right Rear Door Harness
T0*	Tail-Gate Transition Harness
T1*	Tail-Gate Harness
RB	Reversing Radar Harness

Caution :

- 1 Some butt-joint harness connector numbering among harness is different.
- 2 For harness connector numbering, please refer to layout diagram of harness.
- 3 Component designation
- 4 It displays the relevant system information of circuit connection.
- 5 Connection between plugs, the serial number of butt-joint connector is marked on the side.
- 6 It displays the wire color and diameter, the color code is as following:

Color Code	Wire Color	Example
B	Black	
Gr	Gray	
Br	Brown	
Bl	Blue	
G	Green	

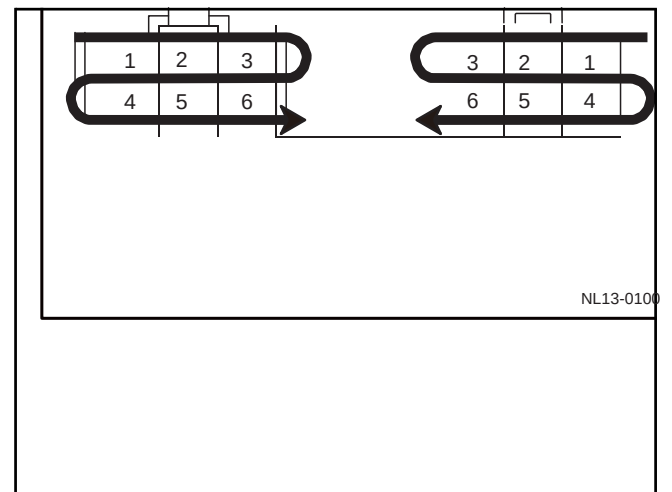
R	Red	
Y	Yellow	
O	Orange	
W	White	
V	Purple	
P	Pink	
Lg	Light Green	
Lb	Light Blue	

If the wire is bicolor, the first letter represents the background color, the second letter represents the streak color, "/" separates the two letters in the middle

For example: the wire marked by G/B means green background and black streak.

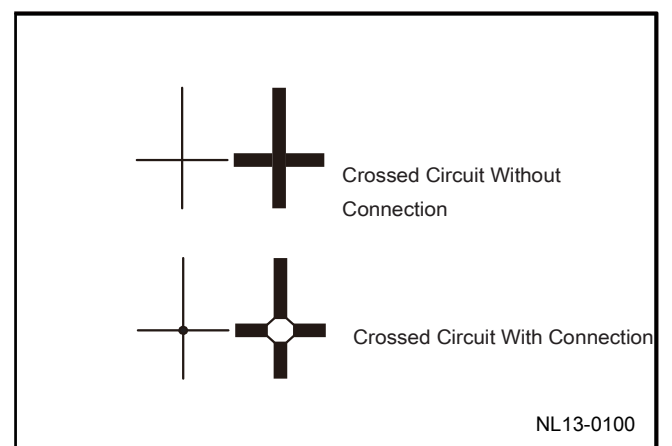
7 It displays the wire diameter.

8 It displays the terminal numbering of connector, attention, the terminal numbering sequence of mutually connected harness connector mirror each other, see as following diagram :



9 the serial number of grounding point, the identification of serial number starts with G. For the position of grounding point, please refer to layout diagram of grounding point.

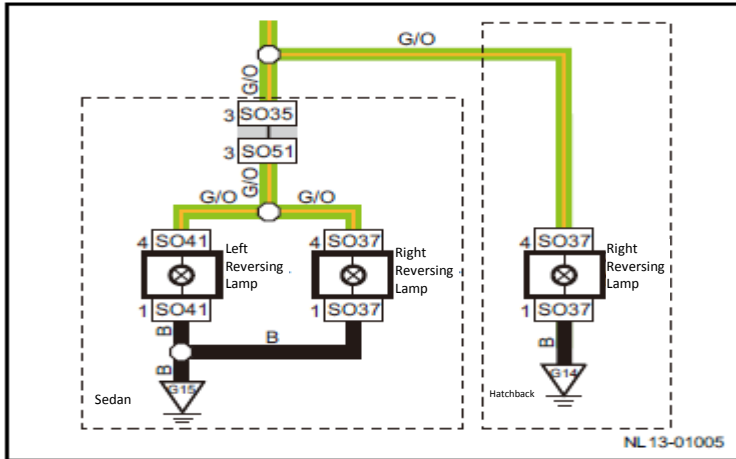
10 Wire node.



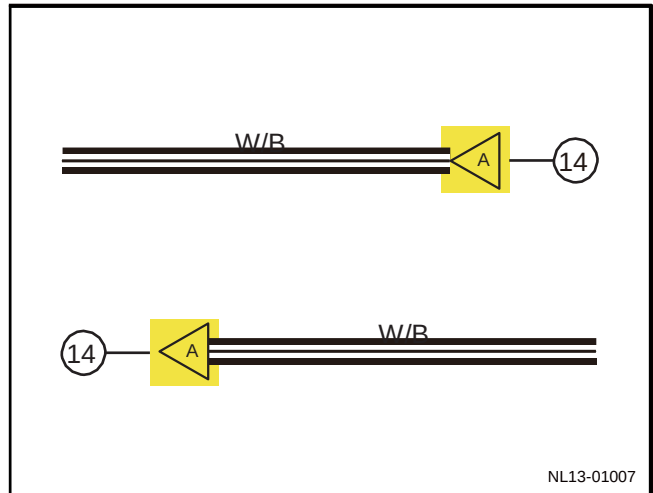
11 The fuse numbering is made up of fuse code and serial number, the fuse code which locates in engine compartment is EF, interior fuse code is IF. For fuse numbering, please refer to fuse list.

12 The relay numbering is marked by single English letter. Please refer to relay list.

13 If relevant circuit design is different due to vehicle model、engine type or configuration, the different part will be marked by hidden line and instructed on the circuit side.

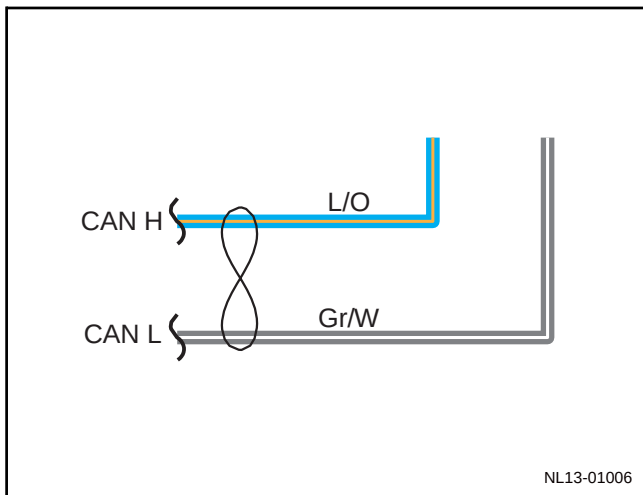


14 If the content of a system is pretty much and the circuit needs to be expressed by many pages, the starting point of circuit is represented by  the destination point of circuit is represented by  if one circuit in a diagram shifts to next page, it should be represented by letter B or C accordingly, and so forth.

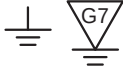
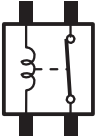
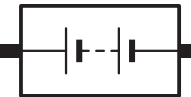
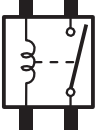
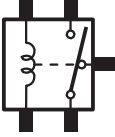
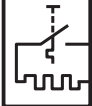
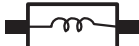
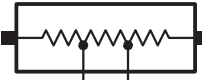
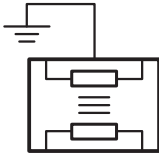
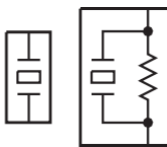
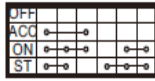


15 Terminal designation

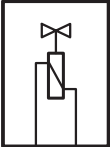
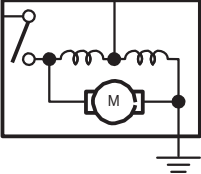
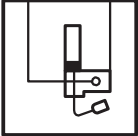
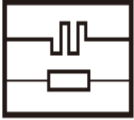
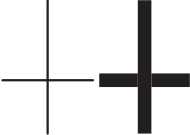
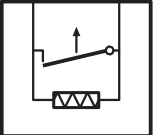
If 8-shaped identification is marked between circuit wires, it represents that the circuit is twisted pair, which is mainly used for signal circuit of sensors or data communication circuit.



Icon Symbols

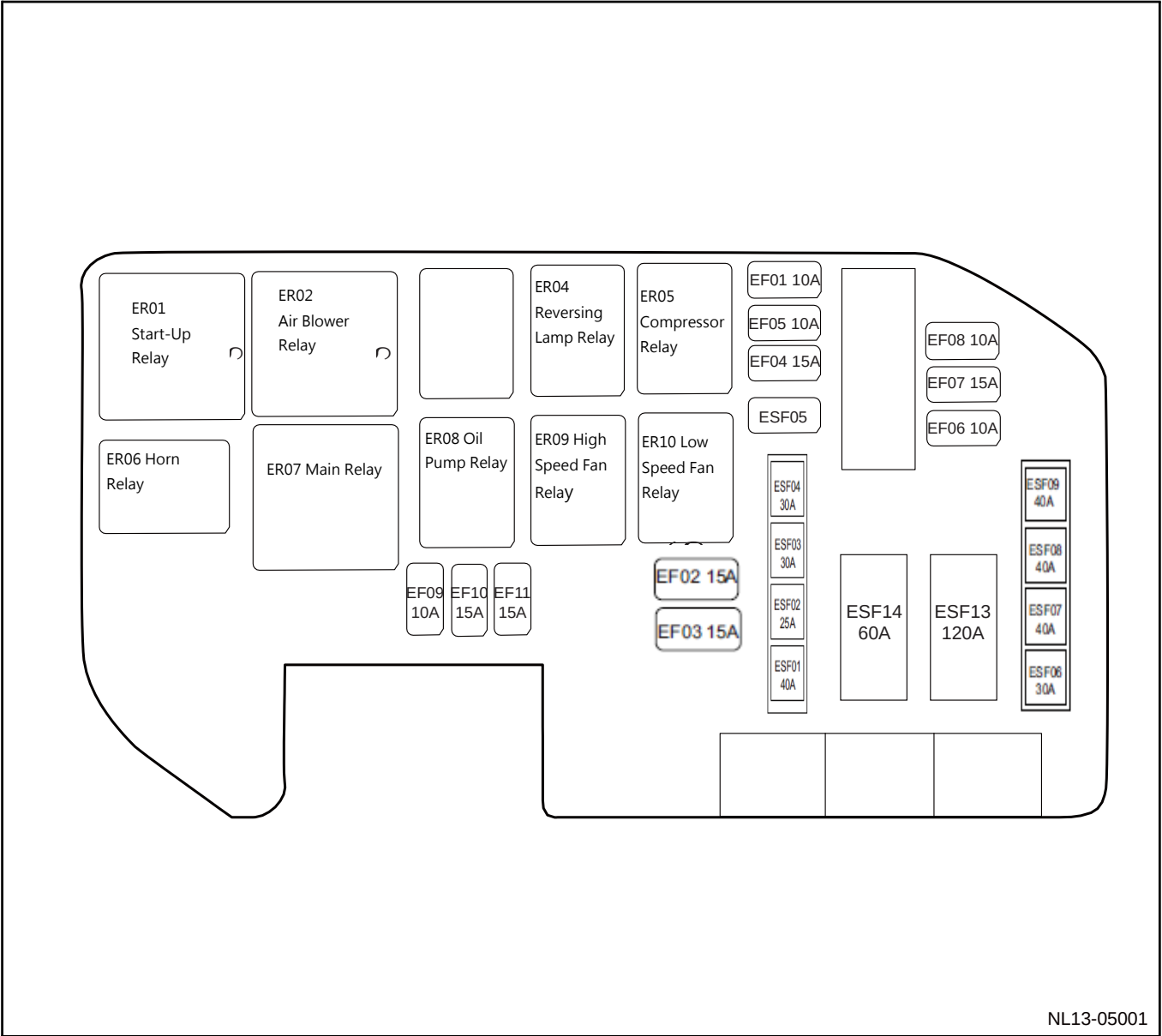
	Grounding		Normally Closed Relay		Storage Battery
	Temperature Sensor		Normally Closed Relay		Capacitance
	Short-Circuit Plate		Double Throw Relay		Cigarette Lighter
	Solenoid Valve		Resistance		Antenna
	Low-loaded Fuse		Potentiometer		Normally Open Switch
	Medium-loaded Fuse		Variable Resistor		Normally Closed Switch
	Heavy-loaded Fuse		Ignition Switch		Double Throw Switch
	Heater		Knock Sensor		Ignition Switch

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	Diode		Bulb		Twisted-Pair
	Photodiode		Solenoid Valve		Starter
	Light-Emitting Diode		Horn		SRS Pretensioner
	Motor		Clock Spring		Oxygen Sensor
	Limit Switch		Crossed Circuit without Connection		Crossed Circuit with Connection
	SRS				

NL13-02002

Frontal View of Underhood Electrical Box



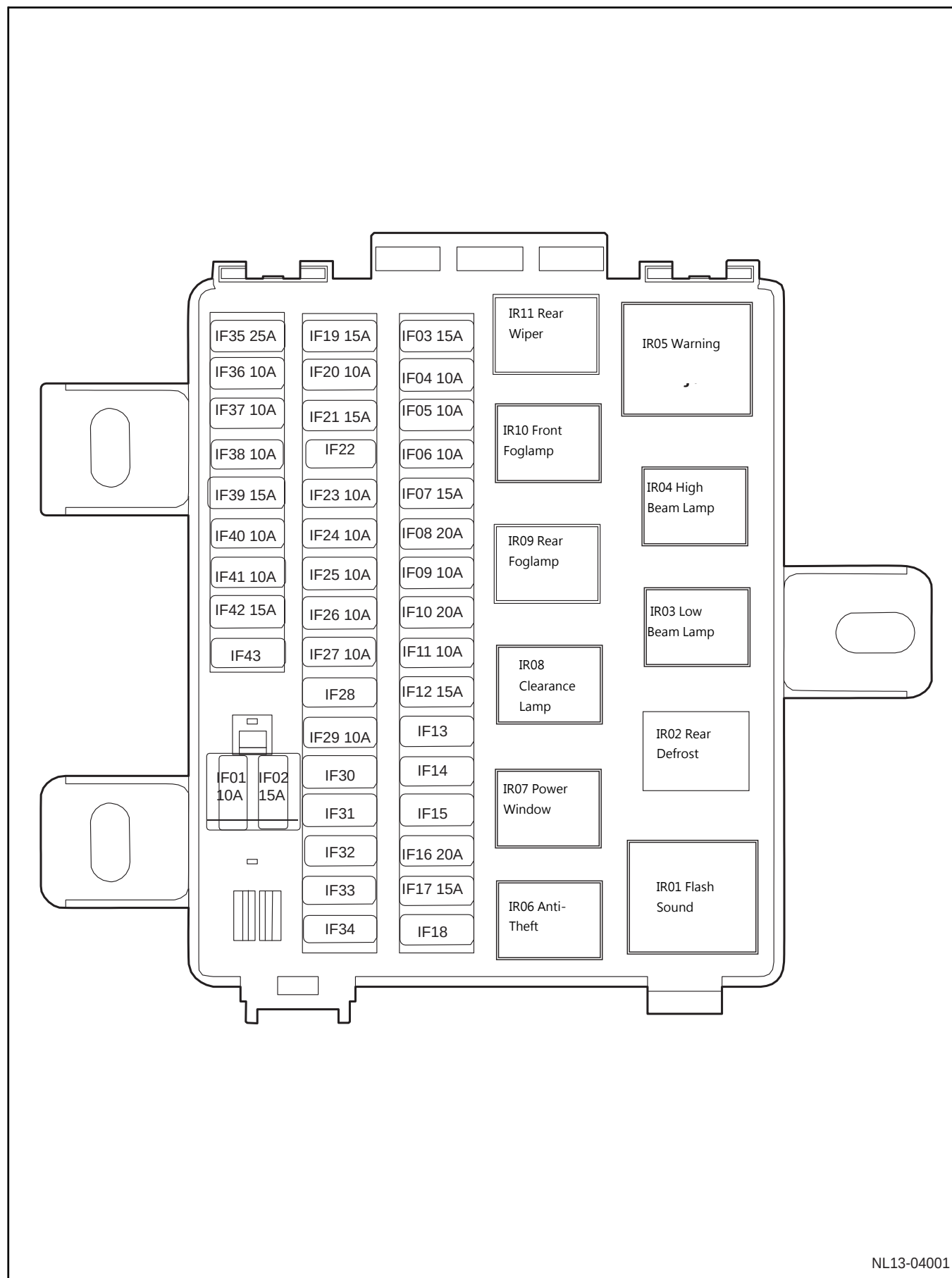
List of Underhood Electrical Box Fuse

No.	Designation	Rated Current (Amper)	Instruction
EF01	TCU Fuse	10A	H Model
EF02	IRC1 Fuse	15A	/
EF03	IRC2 Fuse	15A	/
EF04	Compressor Fuse	15A	/
EF05	A/C Fuse	10A	/
EF06	Horn Fuse	10A	/
EF07	Fuel Pump Fuse	15A	/
EF08	EMS Fuse	10A	/
EF09	/	10A	Spare
EF10	/	15A	Spare
EF11	/	15A	Spare
ESF01	ESP Fuse	40A	/
ESF02	ESP Fuse	25A	Equipped with ESP Model
ESF03	Power Window Fuse	30A	/
ESF04	Air Blower Fuse	30A	/
ESF05	/	/	/
ESF06	IGN1 Fuse	30A	/
ESF07	IGN2 Fuse	30A	/
ESF08	BAT1 Fuse	30A	/
ESF09	BAT2 Fuse	40A	/
ESF10	Main Relay Fuse	10A	/
ESF11	Cooling Fan Fuse	40A	/
ESF12	Distance Light Fuse	30A	/
ESF13	Generator Fuse	120A	/
ESF14	EPS Fuse	60A	/

List of Engine Compartment Relay

No.	Designation	Instruction
ER01	Starting Relay	/
ER02	Air Blower Relay	/
ER03	/	/
ER04	Back-up Lamp relay	H Model
ER05	Compressor Relay	/
ER06	Horn Relay	/
ER07	Main Relay	/
ER08	Oil Pump Relay	/
ER09	High Speed Fan Relay	/
ER10	Low Speed Fan Relay	/

Frontal View of Cockpit Electrical Box



NL13-04001

Frontal View of Cockpit Electrical Box

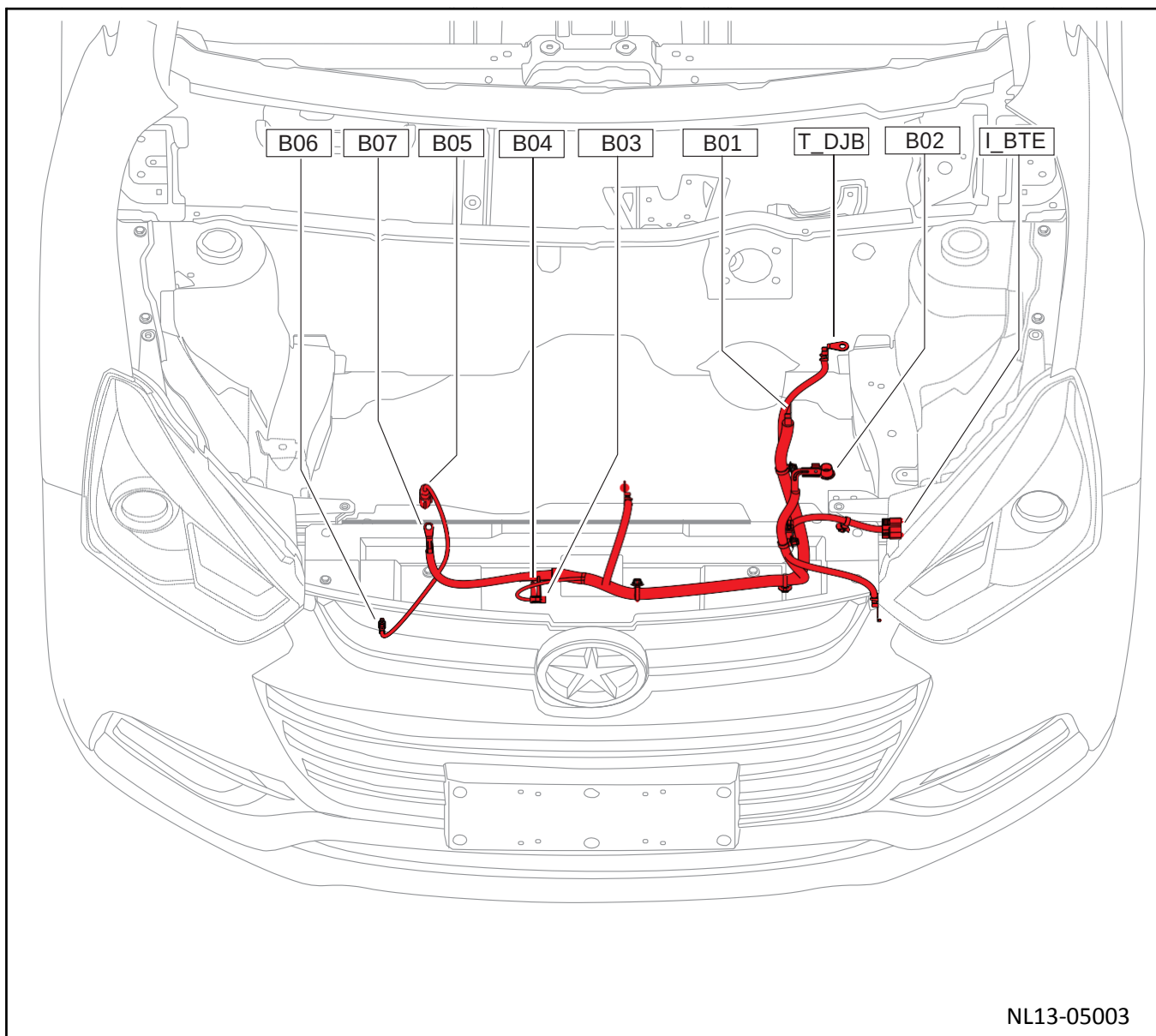
No.	Designati	Rated Current	Instruction
IF01	Interior Lamp Fuse	10A	/
IF02	Acoustics Fuse	15A	/
IF03	Warning Lamp Fuse	10A	/
IF04	Left Clearance Lamp Fuse	10A	/
IF05	Right Clearance Lamp	10A	/
IF06	Daytime Running Lamp	10A	/
IF07	Front Frog Lamp Fuse	15A	/
IF08	Door Lock Fuse	20A	/
IF09	Brake Lamp Fuse	10A	/
IF10	Rear Defrost Fuse	20A	/
IF11	IMMO Fuse	10A	/
IF12	Recorder Fuse	15A	/
IF13	/	/	/
IF14	/	/	/
IF15	/	/	/
IF16	Low Beam Lamp Fuse	20	/
IF17	High Beam Lamp Fuse	15	/
IF18	/	/	/
IF19	/	/	/
IF20	RPA Fuse	10A	/
IF21	IG1 Fuse	10A	/
IF22	TPMS Fuse	10A	/
IF23	EPS Fuse	10A	/
IF24	ESP Fuse	10A	/
IF25	IMMO Fuse	10A	/
IF26	EMS Fuse	10A	/
IF27	SDM Fuse	10A	/
IF28	TCU Fuse	10A	/
IF29	/	/	/
IF30	NTR Fuse	10A	/
IF31	/	/	/
IF32	Antitheft Fuse	10A	/
IF33	/	/	/
IF34	/	/	/
IF35	Front Wiper Fuse	25A	/
IF36	IG2 Fuse	10A	/
IF37	A/C Fuse	10A	/

No.	Designation	Rated Current (Amper)	Instruction
IF38	Rear Frog Lamp Fuse	10A	/
IF39	Rear Wiper Fuse	15A	/
IF40	Automobile Data Recorder Fuse	10A	/
IF41	Acoustics Fuse	10A	/
IF42	PS Fuse	15A	/
IF43	BCM Fuse	10A	/

List of Interior Relay

No.	Designation	Instruction
IR01	Flash Sound Relay	/
IR02	Rear Defrost Relay	/
IR03	Low Beam Lamp Relay	/
IR04	High Beam Lamp Relay	/
IR05	Power Window Relay	/
IR06	Antitheft Relay	/
IR07	Daytime Running Lamp Relay	/
IR08	Clearance Lamp Relay	/
IR09	Rear Frog Lamp Relay	/
IR10	Front Frog Lamp Relay	/
IR11	Rear Wiper Relay	/

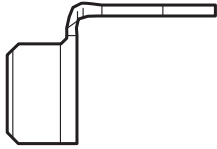
Power Supply Harness



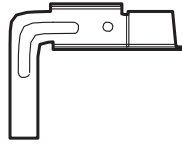
Harness Connector	Designation	Harness Connector	Designation
B01	Harness Connector of Battery Terminal Positive	B06	Harness Connector of A/C Compressor
B02	Harness Connector of Battery Terminal Negative	B07	T_ Generator B+ Harness Connector
B03	Harness Connector of Starter Excitation	T_DJB	Connecting with Harness Connector of Exterior Electric Box
B04	Starter B+ Harness Connector	I_BTE	Power Supply Harness Connecting with Engine Harness
B05	Harness Connector of Generator Excitation		

Terminal Diagram of Power Supply Harness Connector

B01 Harness Connector of
Battery Terminal Positive



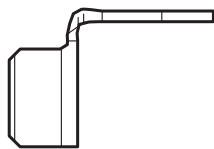
B02 Harness Connector of
Battery Terminal Negative



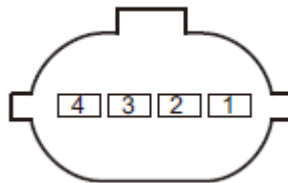
B03 Harness Connector of
Starter Excitation



B04 Harness Connector of
Starter B+



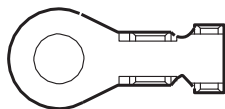
B05 Harness Connector of
Generator Excitation



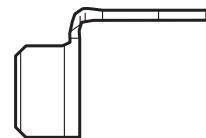
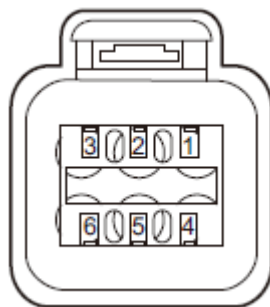
B06 Harness Connector of
A/C Compresspr



B07 T_ Harness Connector
of Starter B+

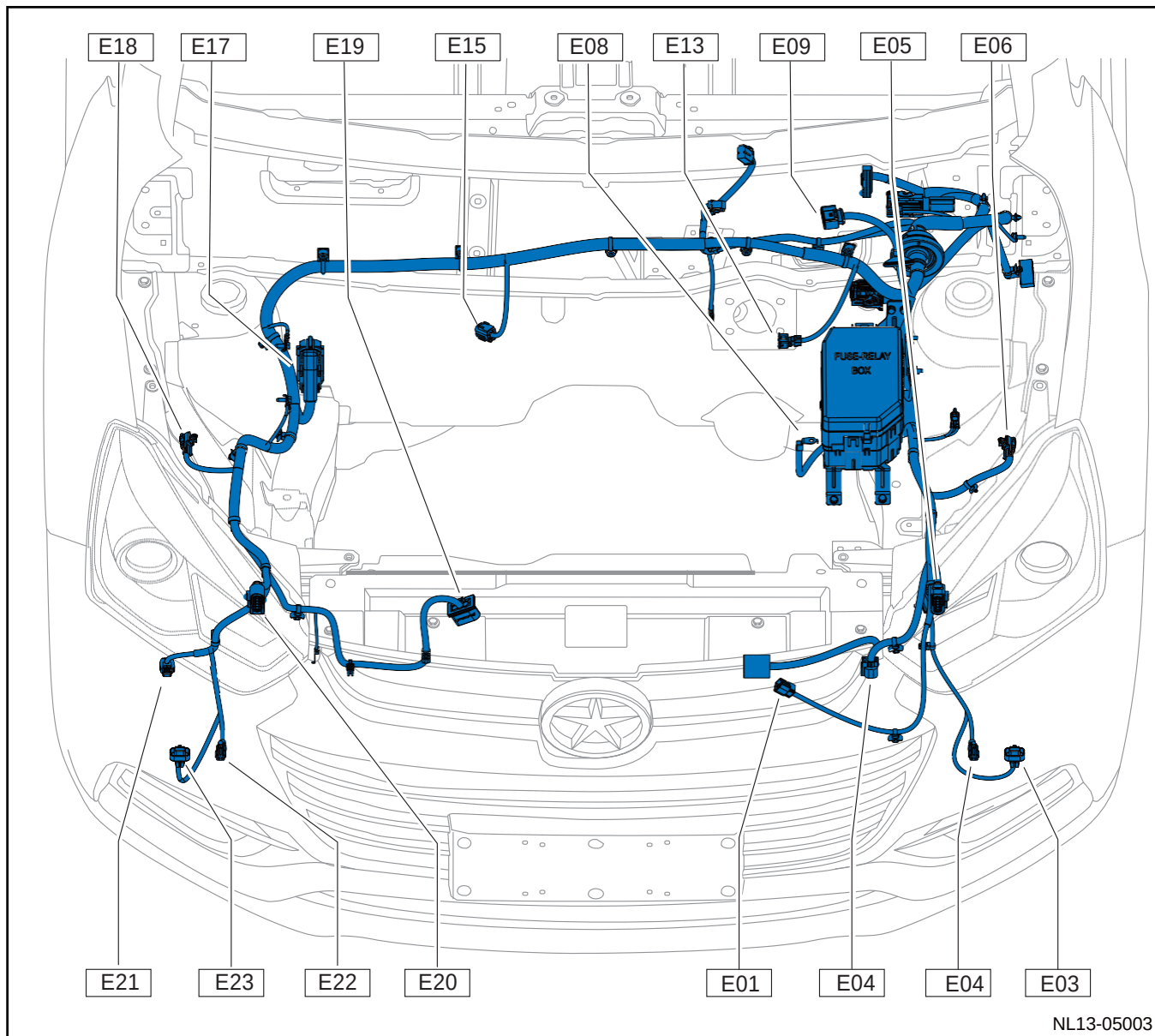


I_BTE Harness Connector of T_EJB EJB Connecting with
Engine Harness Generator

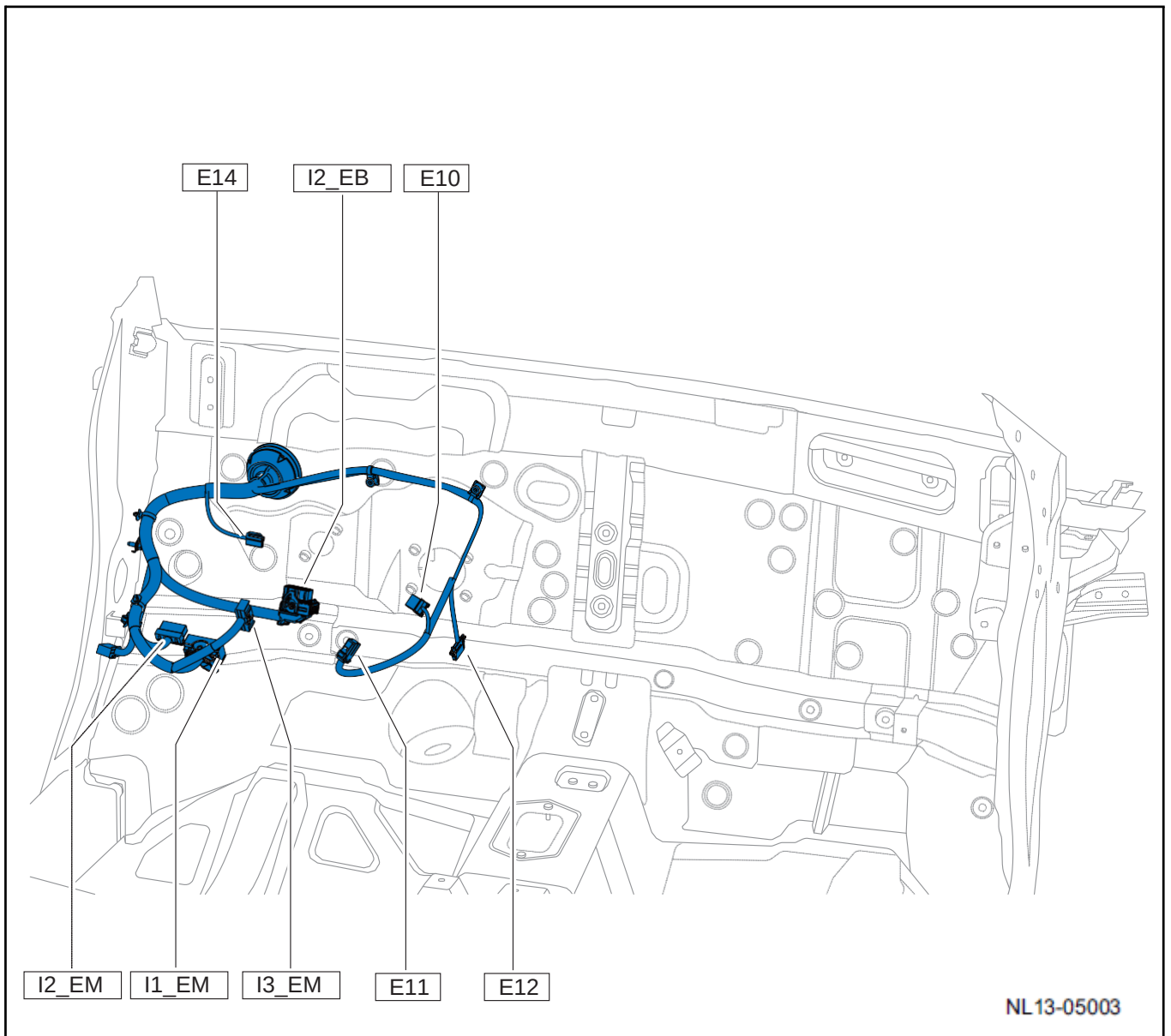


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Layout Diagram of Engine Harness



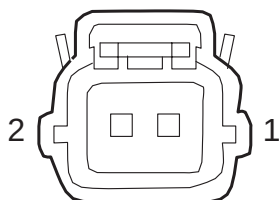
Layout Diagram of Engine Harness (Continue)



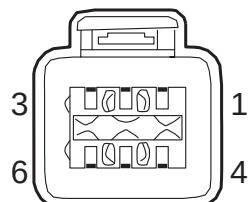
Harness Connector	Designation	Harness Connector	Designation
E01	Harness Connector of Claxon	E17	Harness Connector of ESC Module
E03	Harness Connector of Left Front Fog Lamp	E18	ESP Harness Connector of Right Front Wheel Speed
E04	Harness Connector of Left Daytime Running Lamp	E19	Harness Connector of Cooling Fan Motor
E05	Harness Connector of Left Front Combination Lamp	E20	Harness Connector of Right Front Combination Lamp
E06	ESP Harness Connector of Left Front Wheel Speed Sensor	E21	Harness Connector of Front Windshield Washer Motor
E08	EJB Connecting with Harness Connector of Power Supply	E22	Harness Connector of Right Daytime Running Lamp
E09	Harness Connector of Front Wiper Motor	E23	Harness Connector of Right Front Fog Lamp
E10	EPS Power Supply Harness Connector	I2_EB	Engine Connecting with Body HarnessII
E11	Harness Connector of Brake Pedal Switch	I_EBT	Engine Harness Connecting with Power Supply Harness
E12	Harness Connector of Accelerator Pedal Position Sensor	I1_EC	Engine Harness Connecting with Control Harness I
E13	Harness Connector of Brake Fluid Reservoir Liquid	I2_EC	Engine Harness Connecting with Control HarnessII
E14	Harness Connector of Clutch Pedal Switch	I1_EM	Engine Harness Connecting with Main Harness I
E15	Harness Connector of A/C Pressure Switch	I2_EM	Engine Harness Connecting with Main HarnessII
E16	Short-Circuiter 3 of CAN Wire	I3_EM	Engine Harness Connecting with Main HarnessIII

Terminal Diagram of Engine Harness Connector

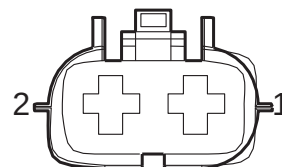
E1 Harness Connector of Electric Horn



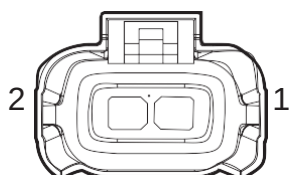
I-EBT Engine Harness Connecting with Power Supply Harness



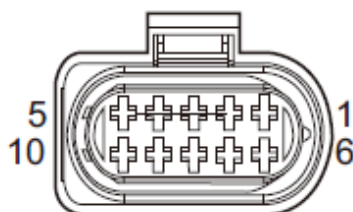
E04 Harness Connector of Left Daytime Running Lamp



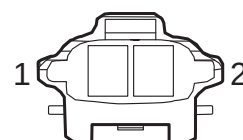
E03 Harness Connector of Left Front Foglamp



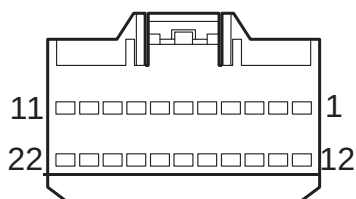
E05 Harness Connector of Left Front Combination Lamp



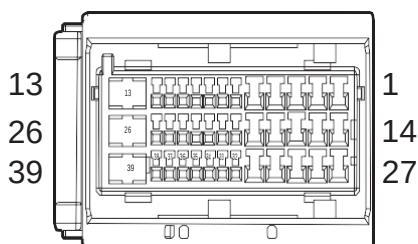
E06 Harness Connector of Left Front Wheel Speed Sensor



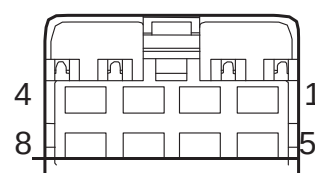
13-EM Engine Harness Connecting with Main Harness III



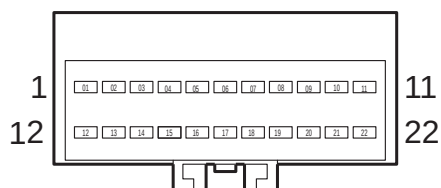
I1-EM Engine Harness Connecting with Main Harness I



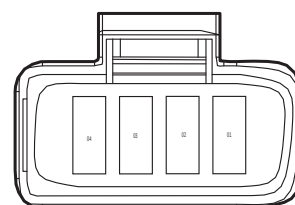
I2-EM Engine Harness Connecting with Main Harness II



I2-EEC



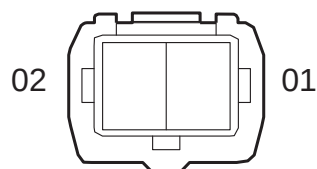
E09 Harness Connector of Front Wiper Motor



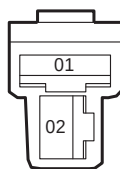
NL00-00000

Terminal Diagram of Engine Harness Connector (Continue 1)

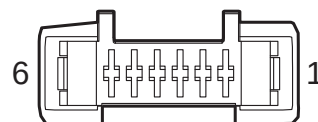
E13 Harness Connector of Brake Fluid Reservoir Liquid Level Switch



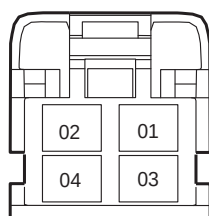
E14 Harness Connector of Clutch Pedal Switch



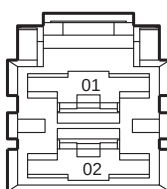
E12 Harness Connector of Accelerator Pedal Positioning Sensor



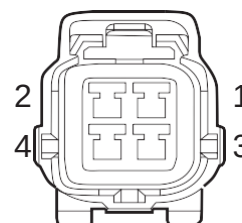
E11 Harness Connector of Braking Pedal Switch



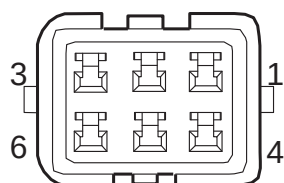
E10 Harness Connector of EPS Power Supply



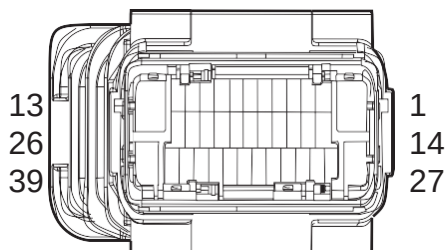
E15 Harness Connector of A/C Compressor Switch



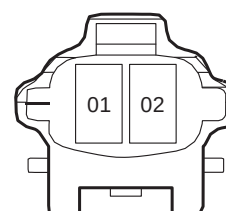
E16 Short-Circuiter 3 of CAN Cable



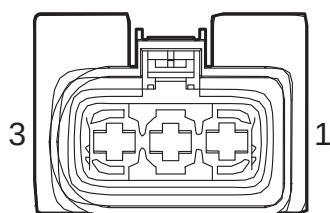
E17 Harness Connector of ESC Module



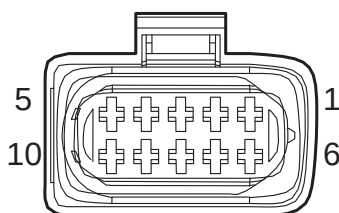
E18 Harness Connector of ABS Right Front Wheel Speed Sensor



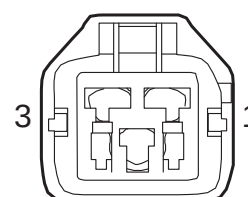
E19 Harness Connector of Cooling Fan Motor



E20 Harness Connector of Right Front Combination Lamp



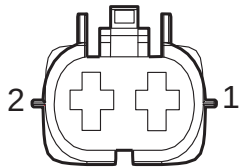
E21 Harness Connector of Front Washing Reservoir Motor



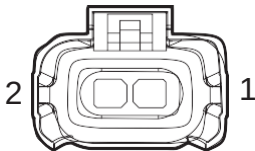
NL00-00000

Terminal Diagram of Engine Harness Connector (Continue 2)

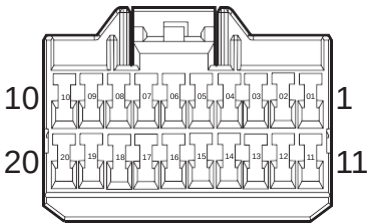
E22 Harness Connector of Right Daytime Running Lamp



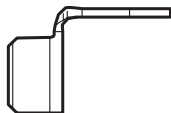
E23 Harness Connector of Right Front Foglamp



12-EB Engine Connecting with Body Harness II



E08 EJB Connecting with Power Supply Positive

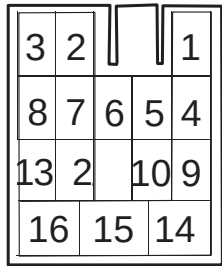


Layout Diagram of Engine Control Harness

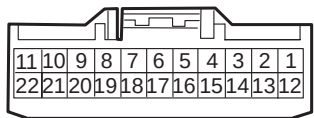
Harness Connector	Designation	Harness Connector	Designation
A03	Harness Connector of Throttle Valve	A16	Harness Connector of Ignition Coil 3
A04	Harness Connector of Absolute Pressure and Temperature Sensor	A17	Harness Connector of Ignition Coil 4
A05	Harness Connector of CANP	A18	Harness Connector of Knock Sensor
A06	Harness Connector of Water Temperature Sensor	A19	Harness Connector of Hall Sensor(Camshaft)
A07	Harness Connector of Front Oxygen Sensor	A20	Harness Connector of Oil Pressure Switch
A09	Harness Connector of OCV Valve	A21	Harness Connector of Crankshaft Position Sensor
A10	Harness Connector of Injector 1	A22	ECU_MT Harness Connector
A11	Harness Connector of Injector 2	A24	Harness Connector of Back-up Lamp Switch
A12	Harness Connector of Injector 3	I1_CE	Control Harness Connecting with Engine Harness I
A13	Harness Connector of Injector 4	I2_CE	Control Harness Connecting with Engine HarnessII
A14	Harness Connector of Ignition Coil 1	I3_CE	Control Harness Connecting with Engine HarnessIII
A15	Harness Connector of Ignition Coil 2		

Terminal Diagram of Engine Control Harness Connector

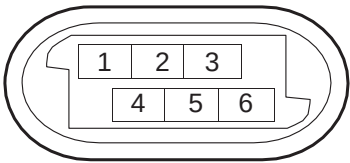
A1 Connector 1



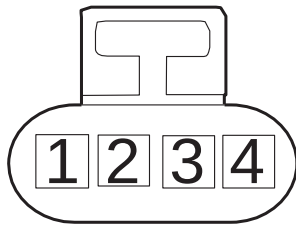
A2 Connector 2



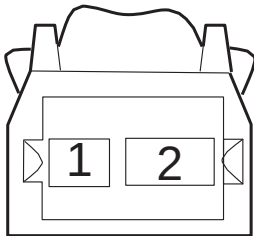
A3 Harness Connector of Throttle Valve



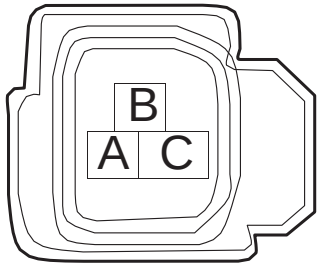
A4 Harness Connector of Absolute Pressure and Temperature Sensor



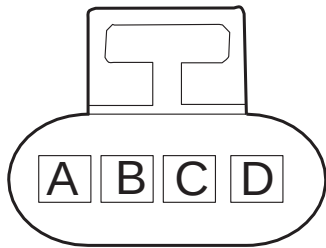
A5 Harness Connector of Canister Solenoid Valve



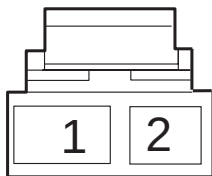
A6 Harness Connector of Water Temperature Sensor



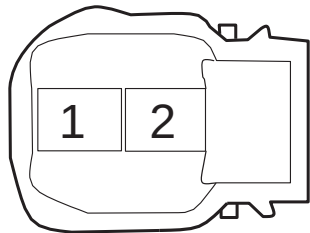
A7 Harness Connector of Front Oxygen Sensor



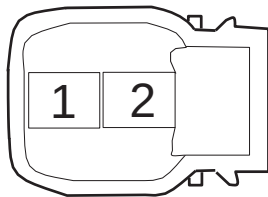
A9 Harness Connector of OCV Valve



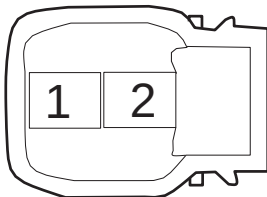
A10 Harness Connector of Injector 1



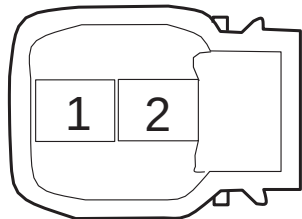
A11 Harness Connector of Injector 2



A12 Harness Connector of Injector 3

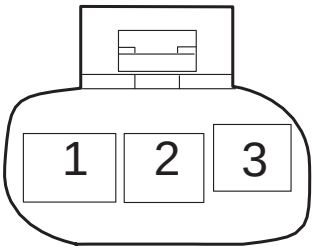


A13 Harness Connector of Injector 4

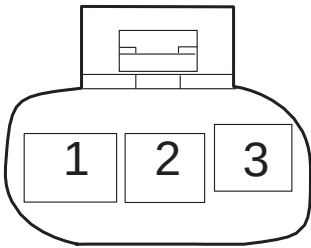


Terminal Diagram of Engine Control Harness Connector (Continue 1)

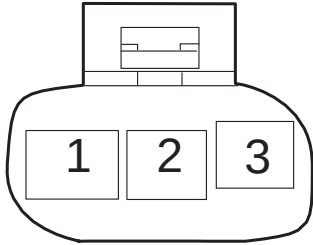
A14 Harness Connector of Ignition Coil 1



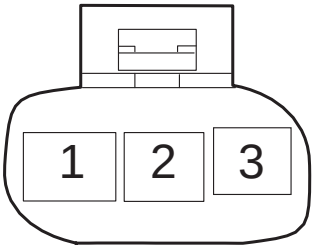
A15 Harness Connector of Ignition Coil 2



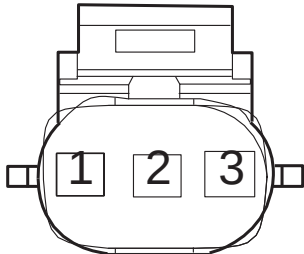
A16 Harness Connector of Ignition Coil 3



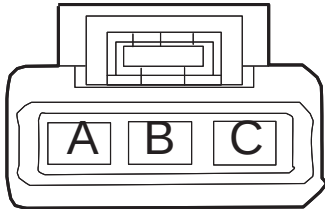
A17 Harness Connector of Ignition Coil 4



A18 Harness Connector of Knock Sensor



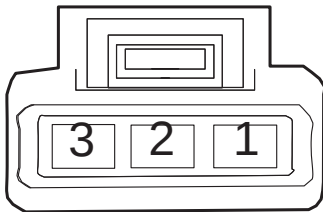
A19 Harness Connector of Hall Sensor (Camshaft)



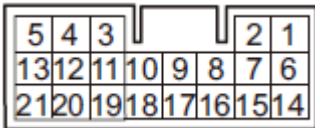
A20 Harness Connector of Oil Pressure Switch



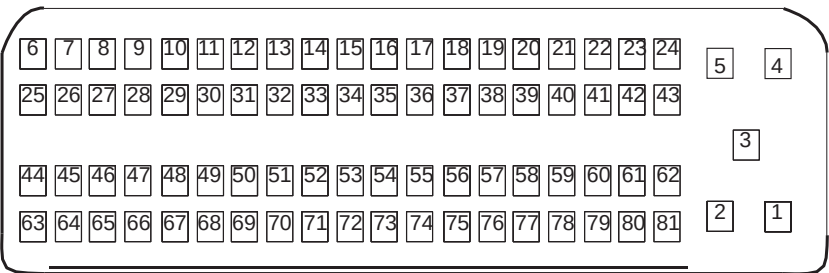
A21 Harness Connector of Crankshaft Positioning Sensor



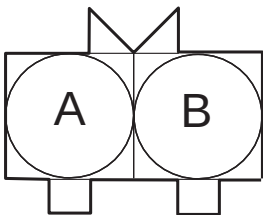
A23 Harness Connector of Connector 3



A22 ECU



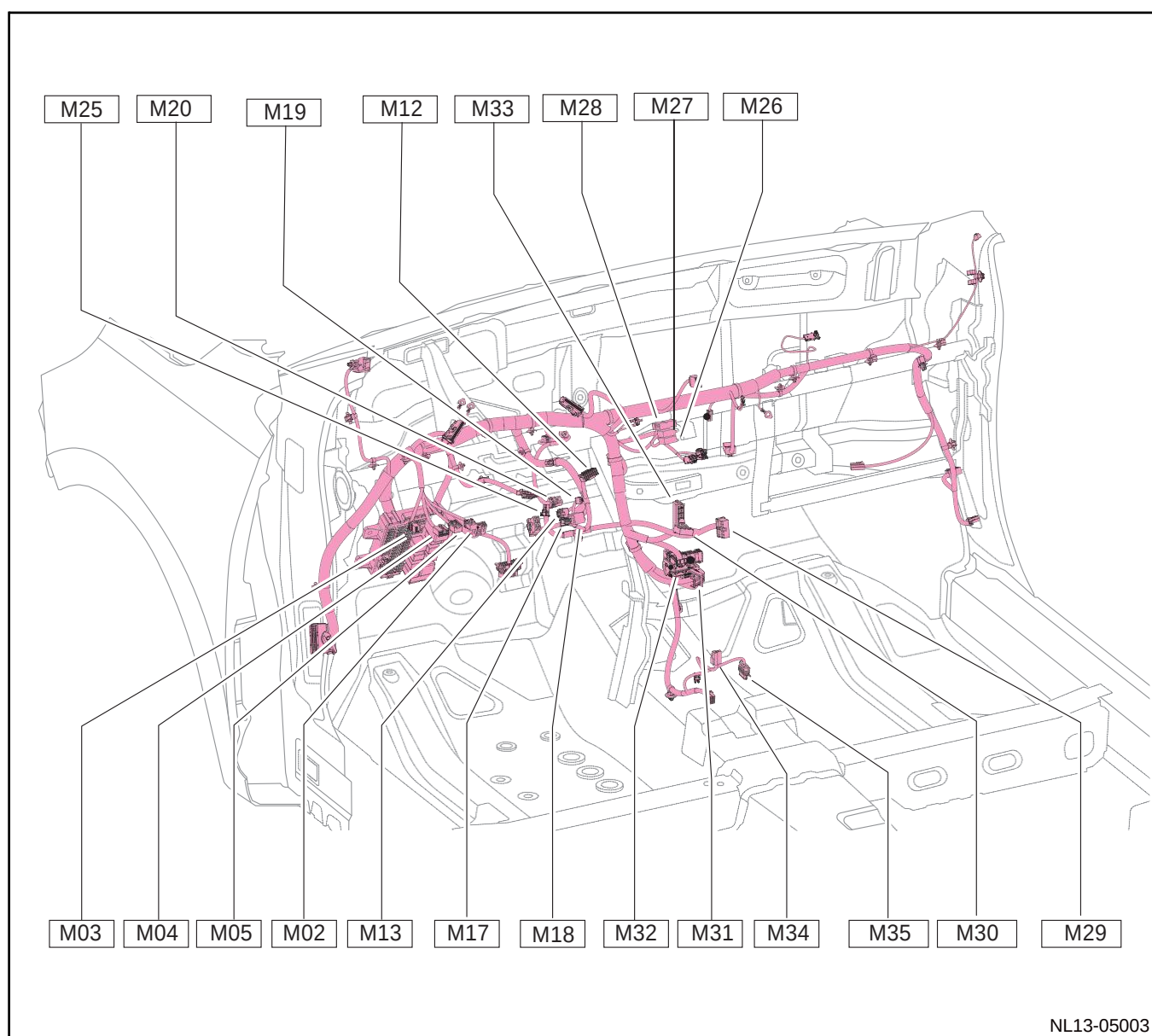
A24 Reversing Lamp Switch



Layout Diagram of Main Harness



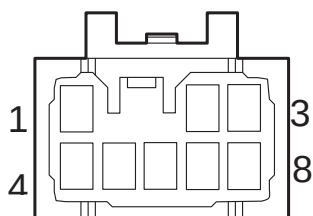
Layout Diagram of Main Harness (Continue)



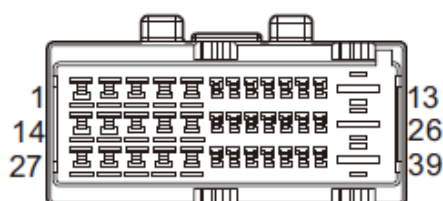
Harness Connector	Designation	Harness Connector	Designation
M02	Harness Connector of Dimmer Switch	M29	A/C Control Panel _ Control Harness Connector
M03	Harness Connector of Headlamp Positioning Adjustment Switch	M30	A/C Control Panel _ Harness Connector of Air Blower
M04	Harness Connector of Rearview Mirror Switch	M31	Harness Connector of Body Control Module C1
M05	Harness Connecor of ESC Switch	M32	Harness Connector of Body Control Module C2
M07	Harness Connector of Combination Instrument C2	M33	Harness Connector of Body Control Module C3
M09	Combination Switch - Harness Connector of Lamp	M34	Harness Connector of Vehicle Power Supply
M10	Diagnose Interface	M35	Harness Connector of Neutral Position Switch
M12	Combination Switch - Harness Connector of Wiper	M38	Harness Connector of Hazard Warning Lamp Switch
M13	Harness Connector of Key Contact Switch	M39	Harness Connector of Internal and External Mode Transformation Actuator
M14	Ignition Switch _ Main Harness Connector	M40	Harness Connector of Temperature Sensor
M15	Immobilizer	M41	Harness Connector of Wind Speed Resistor
M16	Harness Connector of Anti-Theft Coil	M42	Harness Connector of OccupantFrontal SRS
M17	Clock Spring _ Harness Connector of Horn	M43	Harness Connector of Antenna Amplifier
M18	Clock Spring _ SRS Harness Connector	M44	Harness Connector of Air Blower Motor
M19	Harness Connector of Angle Sensor	I1_MB	Main Harness Connecting with Body Harness I
M20	Harness Connector of Cool and Warm Mode Transformation Actuator	I2_MB	Main Harness Connecting with Body Harness II
M21	Harness Connector of Air-Out Mode Transformation Actuator	I3_MB	Main Harness Connecting with Body Harness III
M24	Short-Circuiter 2 of CAN Cable	I_MR	Main Harness Connecting with Ceiling Harness
M25	Harness Connector of EPS Module Signal	I1_ME	Main Harness Connecting with Engine Harness I
M26	Audio1 Harness Connector	I2_ME	Main Harness Connecting with Engine Harness II
M27	Audio2 Harness Connector	I3_ME	Main Harness Connecting with Engine Harness III
M28	Audio3 Harness Connector	I_AB(MB)	SRS Connecting with Connector (Main Harness Connecting with Body)

Terminal Diagram of Main Harness Connector

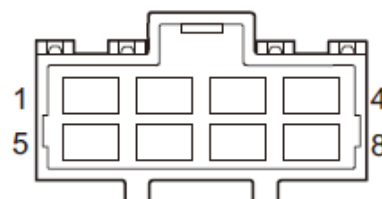
I_MR Main Harness Connecting with Harness Connector of Ceiling Harness



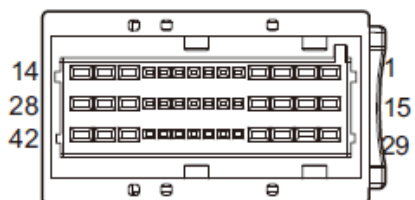
I1_ME Main Harness Connecting with Harness Connector of Engine Harness I



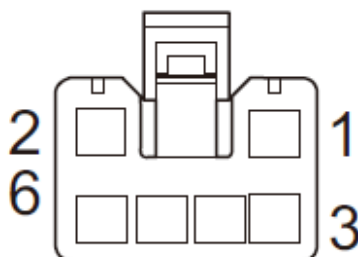
I2_ME Main Harness Connecting with Harness Connector of Engine Harness II



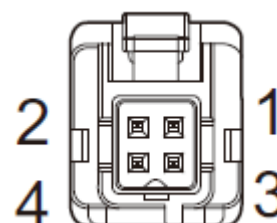
I1_MB Main Harness Connecting with Harness Connector of Body Harness I



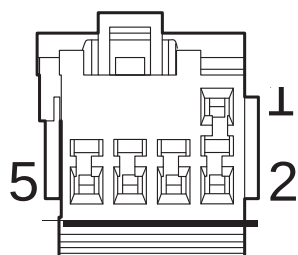
M02 Harness Connector of Dimmer Switch



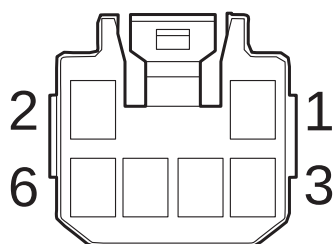
I3_MB Main Harness Connecting with Harness Connector of Body Harness III



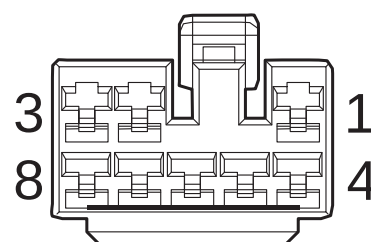
M03 Harness Connector of Headlamp Positioning Adjustment Switch



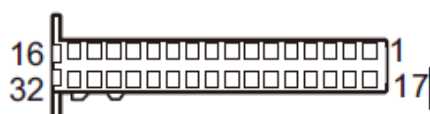
Harness Connector of ESC Switch



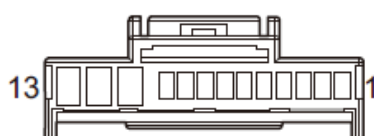
M05 Harness Connector of Rearview Mirror Switch



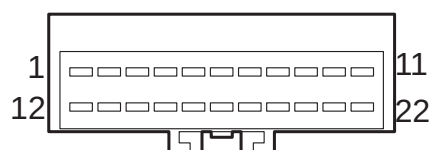
M07 Harness Connector of Combination Instrument C2



M09 Combination Switch-Harness Connector of Lamp



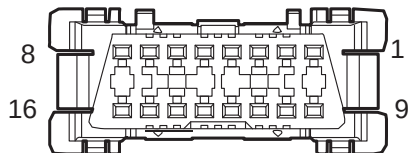
13_ME Main Harness Connecting with Harness Connector of Engine Harness III



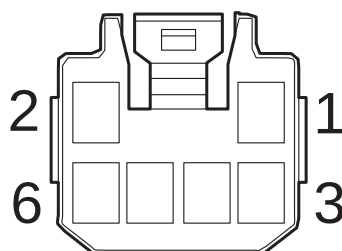
NL00-00000

Terminal Diagram of Main Harness Connector (Continue 1)

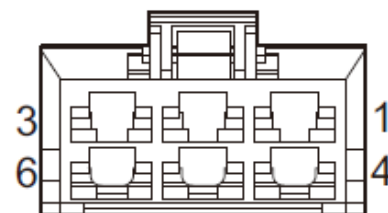
M10 Harness Connector of Diagnose Interface



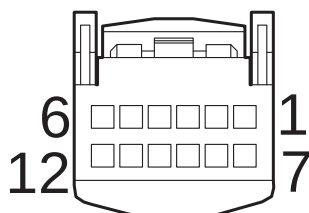
M13 Harness Connector of Key Contact Switch



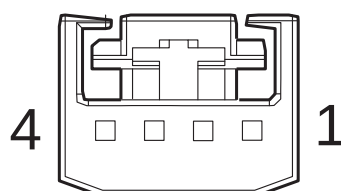
M14 Ignition Switch_Main Harness Connector



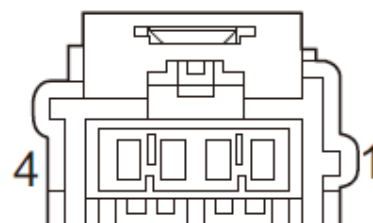
M17 Clock Spring_Harness Connector of Horn



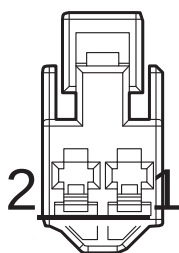
M19 Harness Connector of Angle Sensor



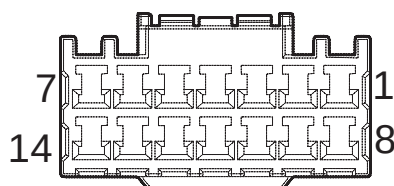
M18 Clock Spring_SRS Harness Connector



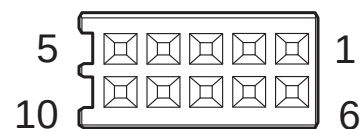
M16 Harness Connector of Anti-Theft Coil



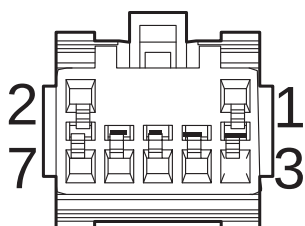
M12 Combination Switch_Harness Connector of Wiper



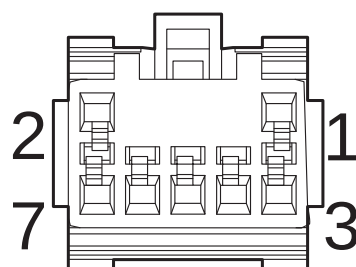
M15 Immobilizer Harness Connector



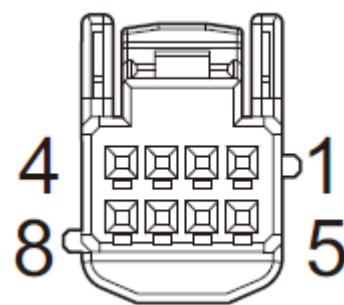
M21 Harness Connector of Air-Out Mode Transformation Actuator



M20 Harness Connector of Cold and Warm Mode Transformation Actuator



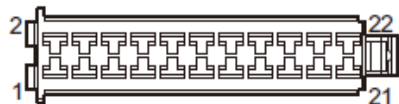
M25 Harness Connector of EPS Module Signal



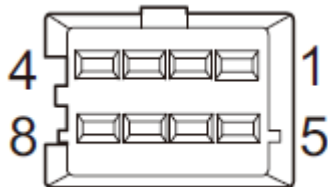
NL00-00000

Terminal Diagram of Main Harness Connector (Continue 2)

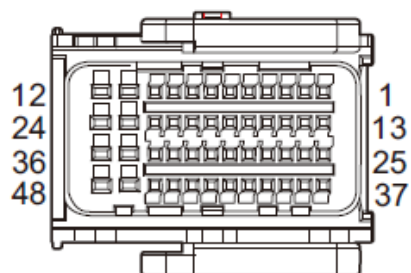
M33 Harness Connector of Body Control Module C3



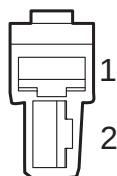
M23 Harness Connector of Short-Circuiter of CAN Cable



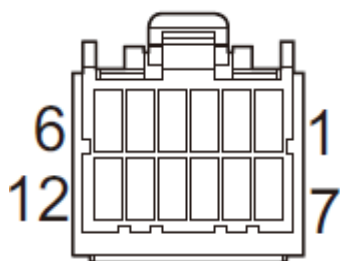
M32 Harness Connector of Body Control Module C2



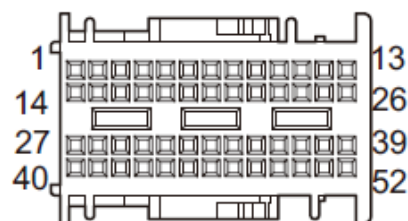
M34 Harness Connector of Vehicle Power Supply



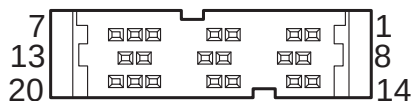
M35 Harness Connector of Gearshift



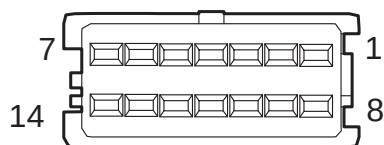
M31 Harness Connector of Body Control Module C1



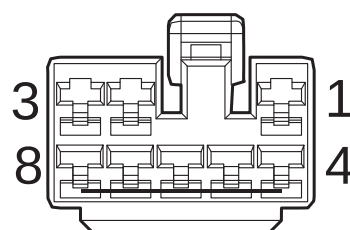
M28 Audio 3 Harness Connector



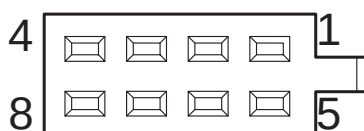
M24 Harness Connector of Short-Circuiter 2 of CAN Cable



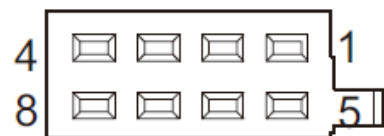
M38 Harness Connector of Hazard Warning Lamp Switch



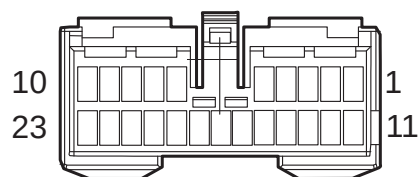
M26 Audio2 Harness Connector



M27 Audio1 Harness Connector

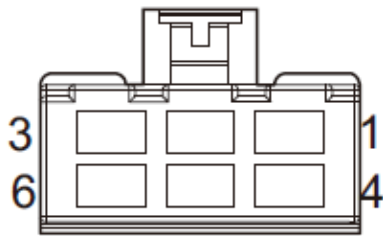


M29 A/C Control Panel_Control Harness Connector

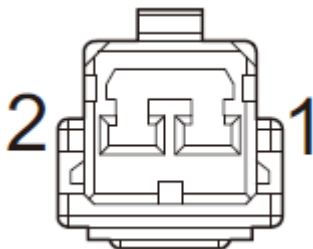


Terminal Diagram of Main Harness Connector (Continue 3)

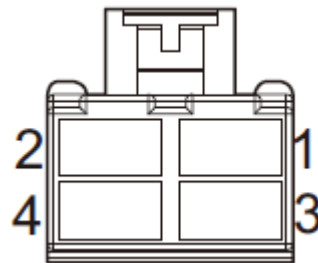
M30 A/C Control Panel_Harness
Connector of Air Blower



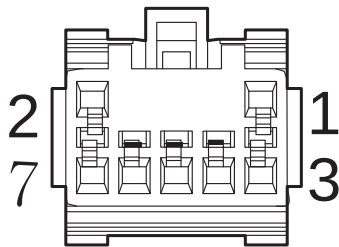
M40 Harness Connector of
Temperature Sensor



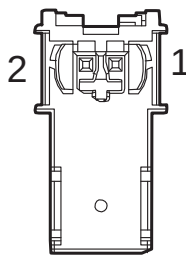
M41 Harness Connector of Wind
Speed Resistor



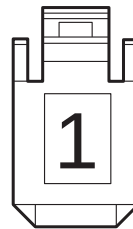
M39 Harness Connector of
Internal and External
Circulation Mode
Transformation Actuator



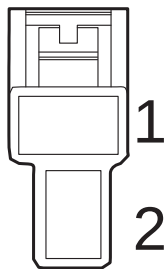
M42 Harness Connector of
Occupant Frontal SRS



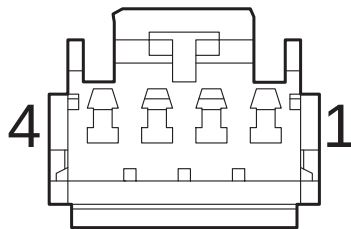
M43 Harness Connector of
Antenna Amplifier



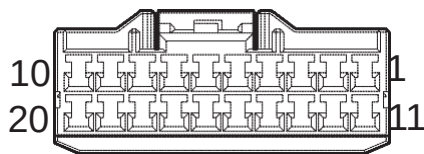
M44 Harness Connector of Air
Blower Motor



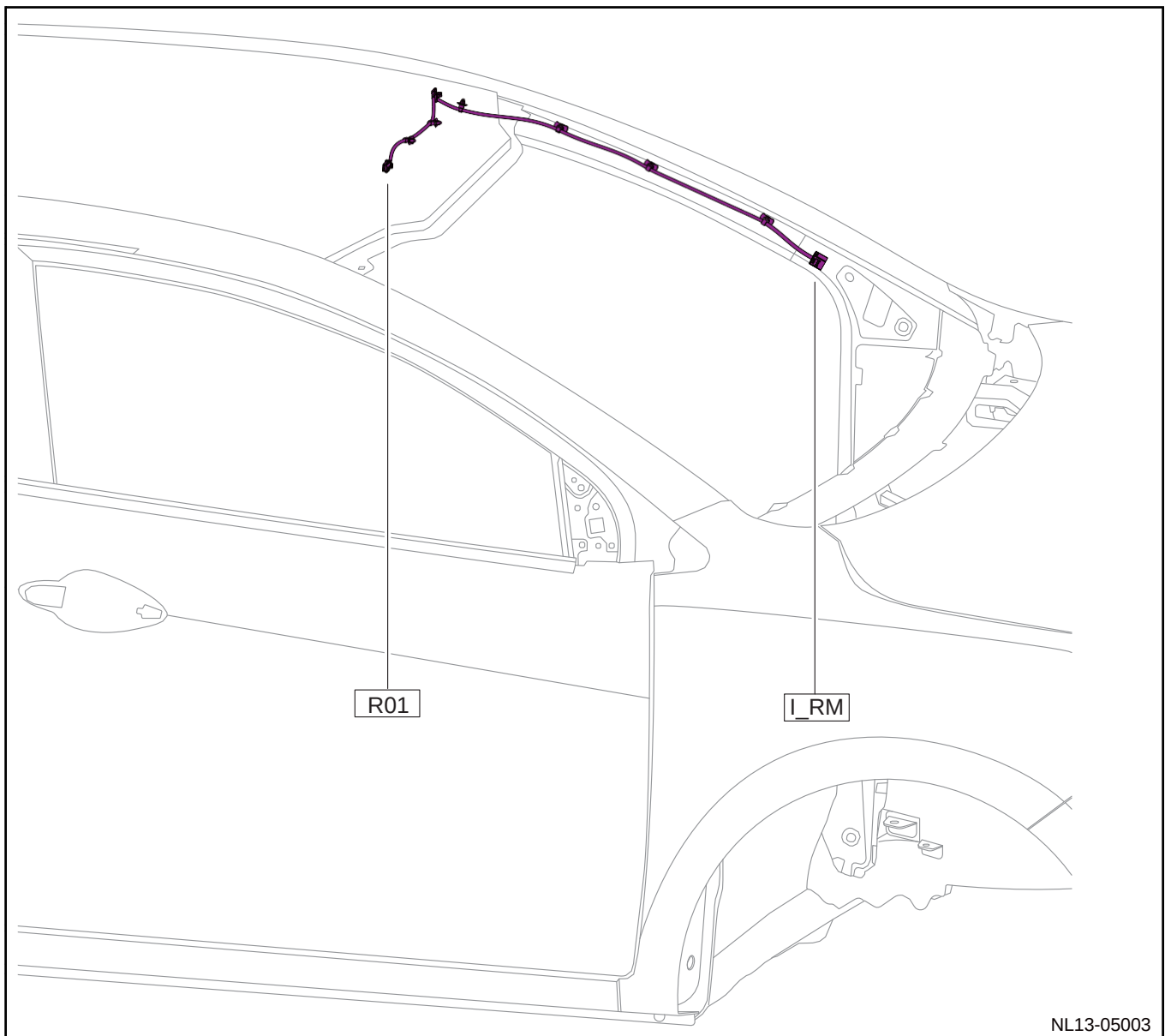
I_AB(BM) SRS Connecting with
Harness Connector of
Connector(Main Harness
Connecting with Body)



I2_MB Main Harness
Connecting with Harness
Connector of Body Harness II



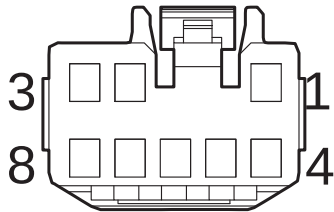
Layout Diagram of Ceiling Harness



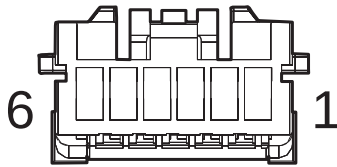
Harness Connector	Designation	Harness Connector	Designation
I_RM	Ceiling Harness Connecting with Main Harness	R01	Front Dome Lamp

Terminal Diagram of Ceiling Connector

I_RM Ceiling Harness
Connecting with Harness
Connector of Main Harness

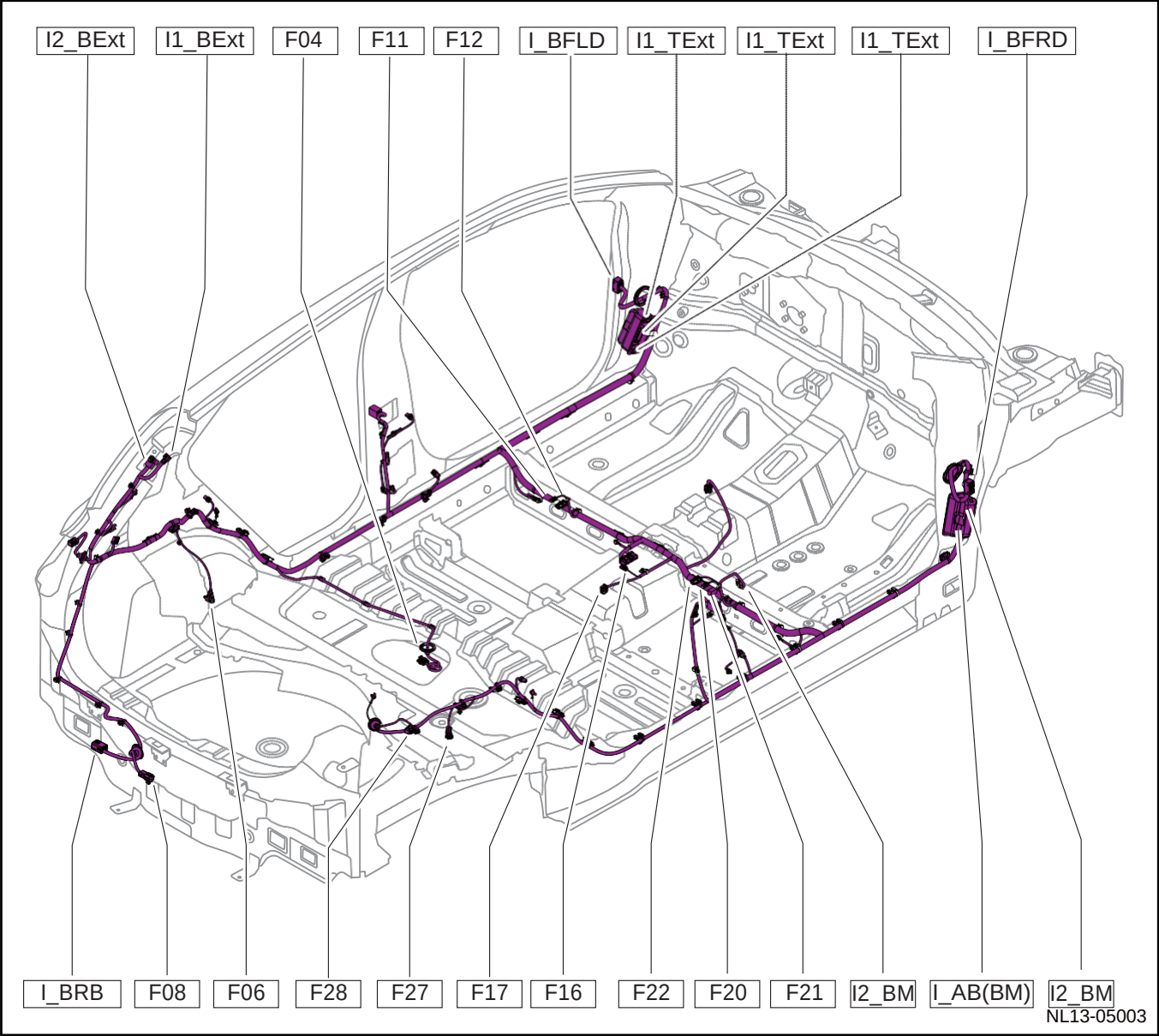


R01 Harness Connector of Front
Dome Lamp

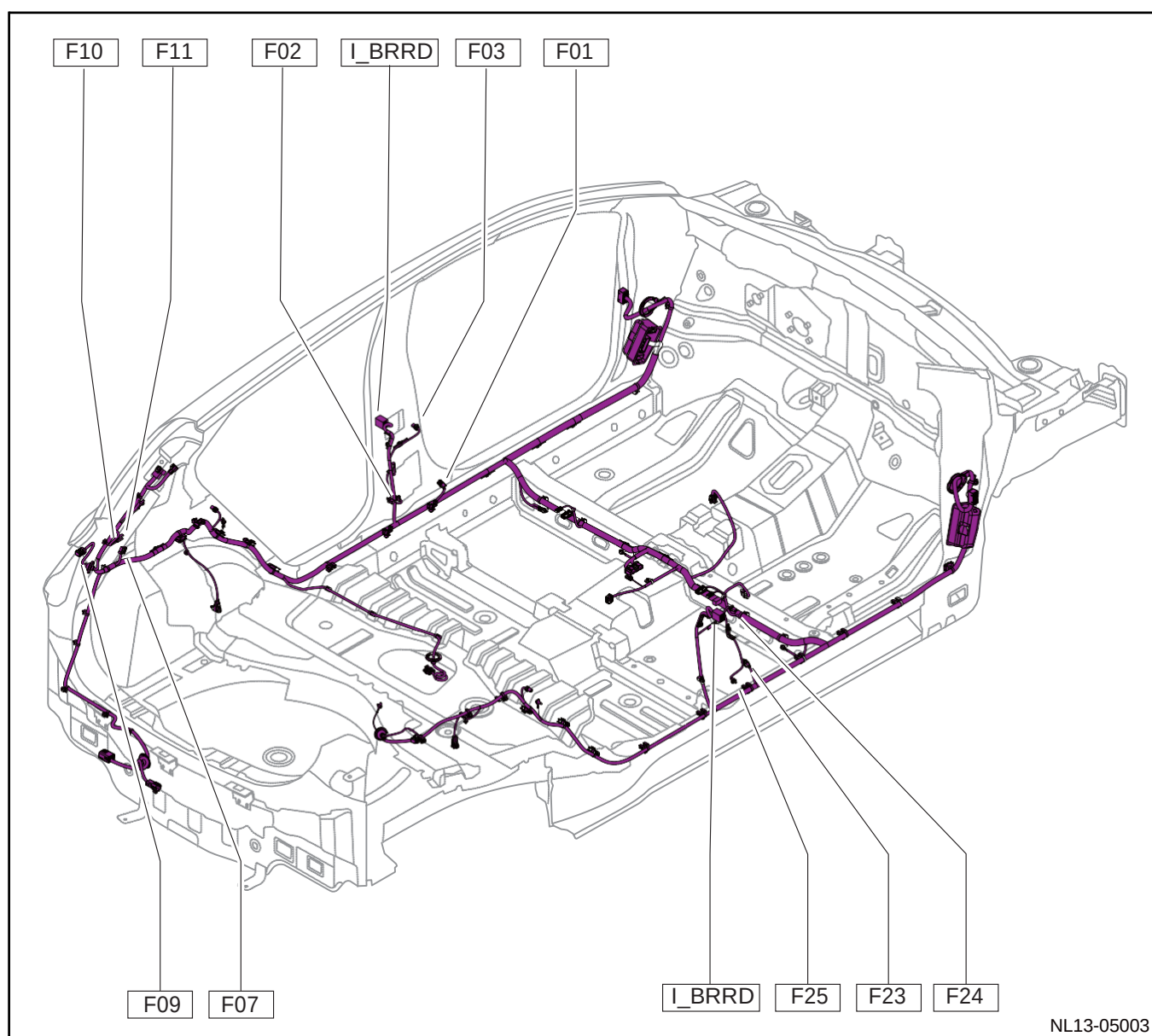


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Layout Diagram of Body Harness

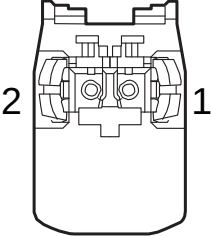
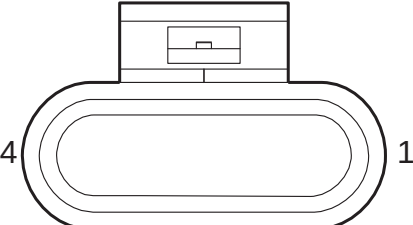
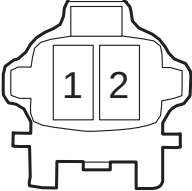
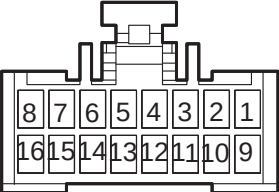
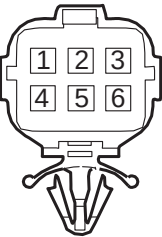
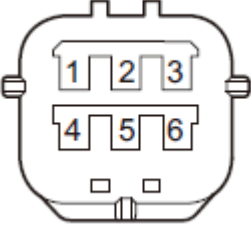
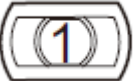


Layout Diagram of Body Harness (Continue)



Harness Connector	Designation	Harness Connector	Designation
F01	Harness Connector of Left Touch Sensor	F21	Occupant Safety Belt Switch
F02	Harness Connector of Driver Safety Belt Pretensioner	F22	Occupant Side Airbag
F03	Harness Connector of Left Front Door Touch Switch	F23	Right Touch Sensor
F04	Harness Connector of Fuel Pump	F24	Right Front Door Touch Switch
F05	Harness Connector of Left Rear Door Touch Switch	F25	Passenger Safety Belt Pretensioner
F06	ESP Harness Connector of Left Rear Wheel Speed Sensor	F26	Right Rear Door Touch Switch
F07	Harness Connector of Reversing Radar Module	F27	ESP Right Rear Wheel Speed Sensor
F08	Harness Connector of Visual Reversing Vehicle Camera	F28	Right Rear Combination Lamp
F09	Harness Connector of Left Rear Combination Lamp	I1_BExt	Body Harness Connecting with Tail-Gate Transition Harness I
F10	Harness Connector 1 of Trunk Lamp	I2_BExt	Body Harness Connecting with Tail-Gate Transition Harness II
F11	Harness Connector 2 of Trunk Lamp	I_BRB	Body Connecting with Reversing Radar Harness
F12	Harness Connector of Driver Side Airbag	I2_BE	Body Connecting with Engine Harness II
F13	Driver Safety Belt Switch	I_BRRD	Body Connecting with Right Rear Door Harness
F14	SRS Module 1	I_BFRD	Body Connecting with Right Front Door Harness
F15	SRS Module 2	I3_BM	Body Connecting with Main Harness III
F16	Handbrake Switch	I1_BM	Body Connecting with Main Harness I
F17	Tire Pressure Monitoring Module	I2_BM	Body Connecting with Main Harness II
F18	Short-Circuiter 4 of CAN Cable	I_BRLD	Body Connecting with Left Rear Door Harness
F19	Rear Oxygen Sensor	I_BFLD	Body Connecting with Left Front Door Harness
F20	Prompt Sensor of Occupant Seating	I_AB(BM)	SRS Connecting with Connector (Body Connecting with Main

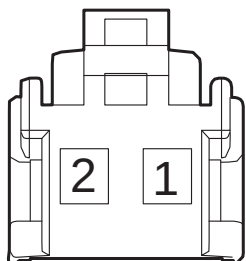
Terminal Diagram of Body Harness Connector

F01 Harness Connector of Left Touch Sensor 	F02 Harness Connector of Driver SRS Pretensioner 	F03 Harness Connector of Left Front Door Touch Switch 
F04 Harness Connector of Fuel Pump 	F05 Harness Connector of Left Rear Door Touch Switch 	F06 Harness Connector of ABS Left Rear Wheel Speed Sensor 
F07 Harness Connector of Reversing Radar Module 	F08 Harness Connector of Reversing Video Camera 	F09 Harness Connector of Left Rear Combination Lamp 
F10 Connector 1 of Trunk 	F11 Connector 2 of Trunk 	F12 Driver Side SRS 

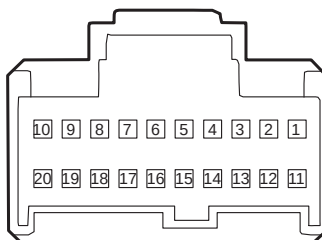
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Terminal Diagram of Body Harness Connector (Continue 1)

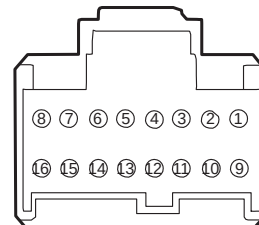
F13 Harness Connector of Driver Safety Belt



F14 Harness Connector of SRS Module



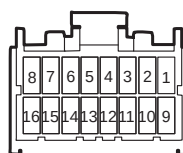
F15 Harness Connector of SRS Module 2



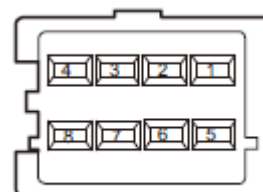
F16 Harness Connector of Handbrake Switch



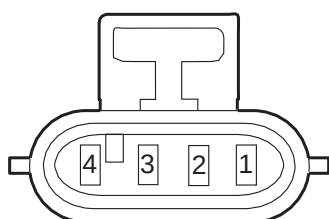
F17 Harness Connector of Tire Pressure Monitoring Module



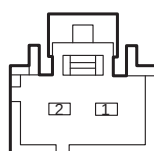
F18 Harness Connector of Short-Circuiter 4 of CAN Cable



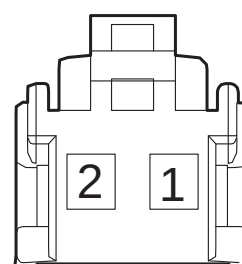
F19 Harness Connector of Rear Oxygen Sensor



F20 Harness Connector of Prompt Sensor of Occupant Seating



F21 Harness Connector of Occupant Safety Belt Switch



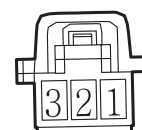
F22 Harness Connector of Occupant Side SRS



F23 Harness Connector of Touch Sensor On the Right Side



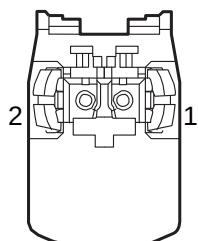
F24 Harness Connector of Right Front Door Touch Switch



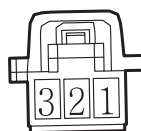
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Terminal Diagram of Body Harness Connector (Continue 2)

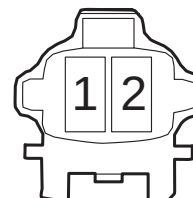
F25 Harness Connector of Passenger Safety Belt Pretensioner



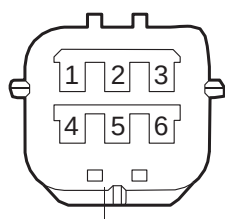
F26 Harness Connector of Right Rear Door Touch Switch



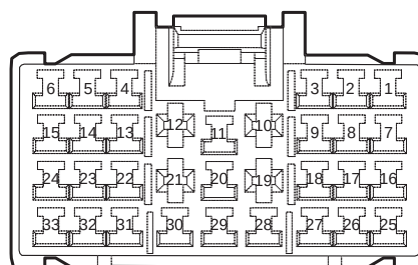
F27 Harness Connector of ABS Right Rear Wheel Speed Sensor



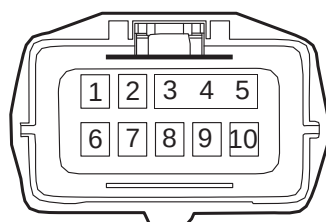
F29 Harness Connector of Right Rear Combination Lamp



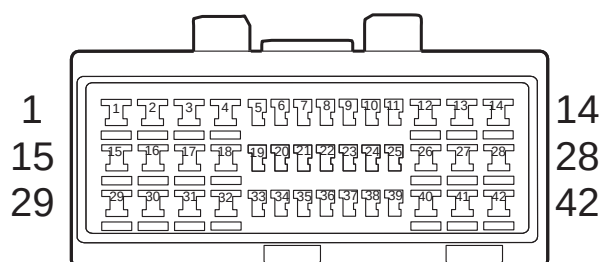
I_BFRD Body Connecting with Harness Connector of Right Rear Door Harness



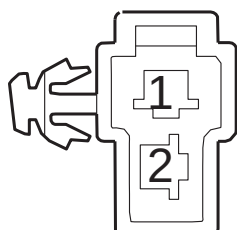
I_BRB Body Connecting with Harness Connector of Reversing Radar



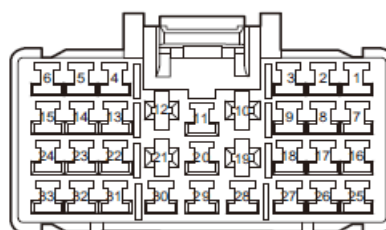
I1_BM Body Connecting with Harness Connector of Main Harness I



I1_BExt Body Connecting with Harness Connector of Tail-Gate Transition Harness

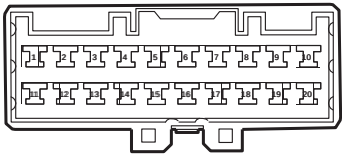
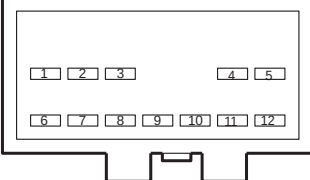
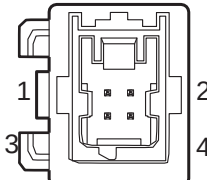
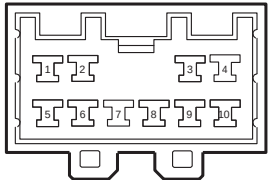
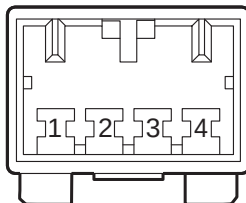
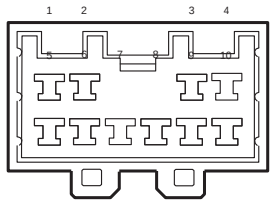
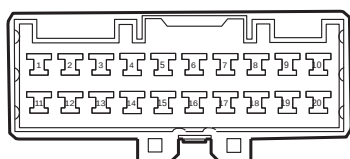


I_BFRD Body Connecting with Harness Connector of Left Front Door



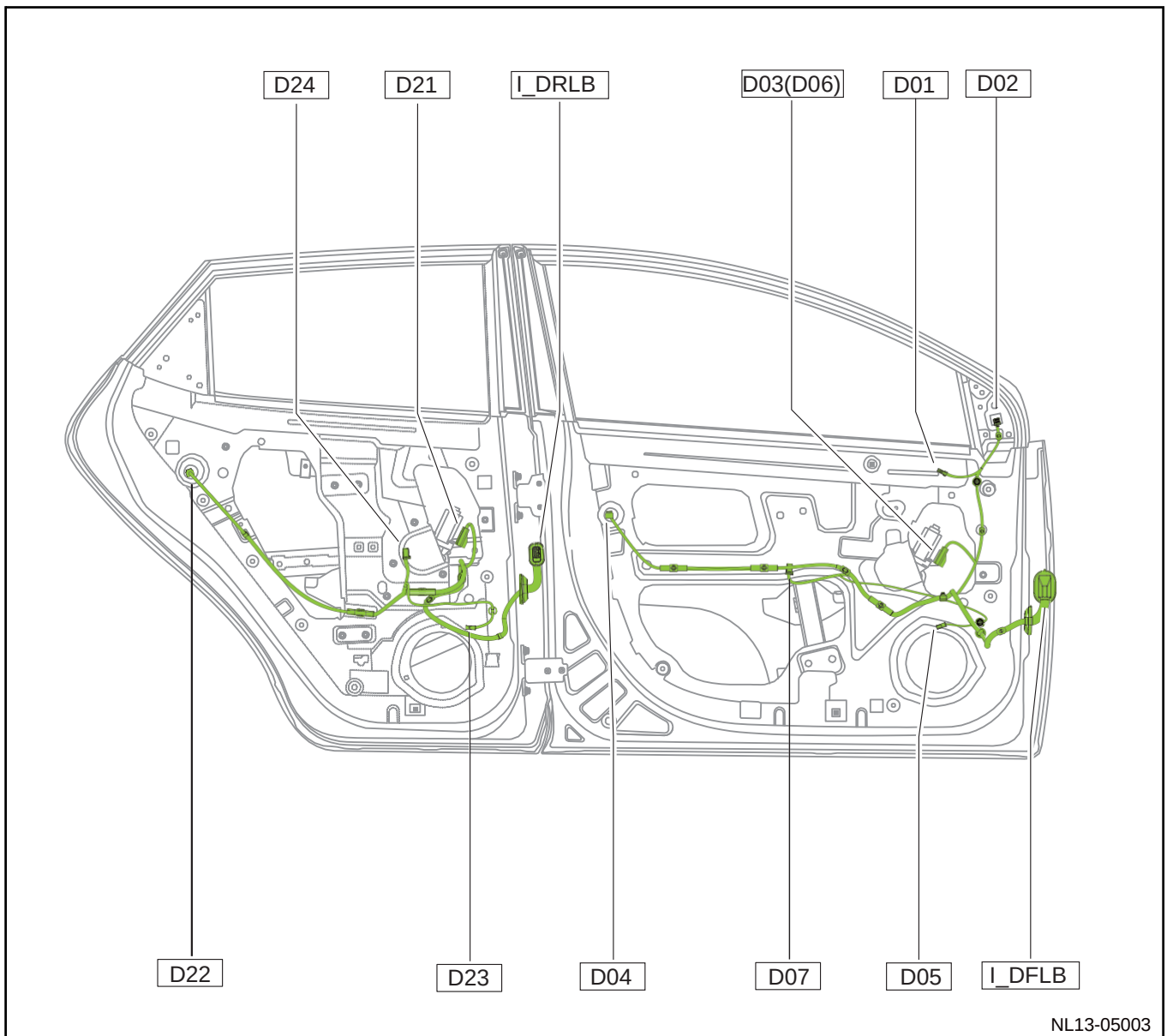
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Terminal Diagram of Body Harness Connector (Continue 3)

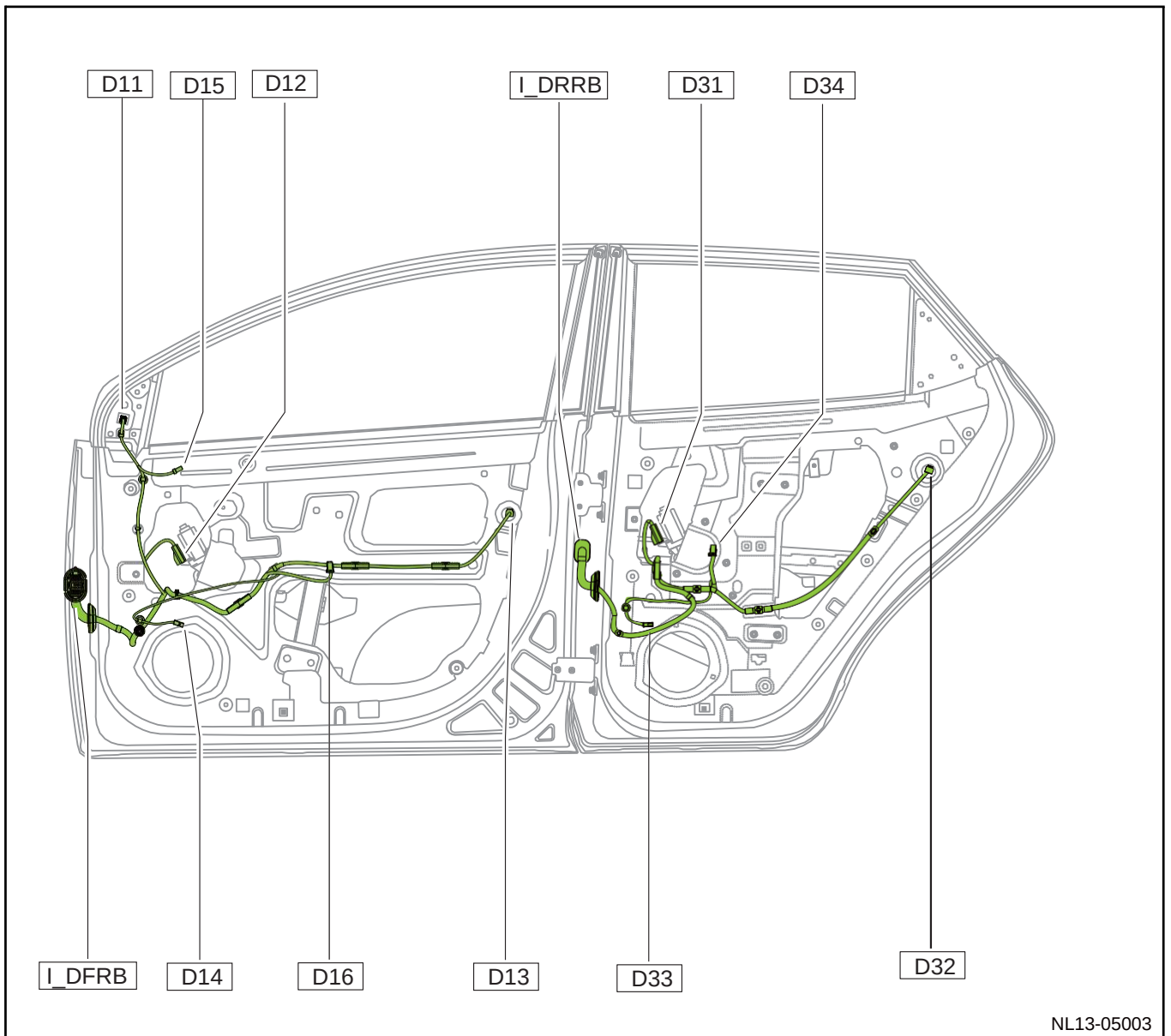
I2 Body Connecting with Harness Connector of Main Harness II 	I2 BExt_Body Harness Connecting with Harness Connector of Tail-Gate Transition Harness 2 	I3_BM Body Connecting with Harness Connector of Main Harness III 
I_BR RD Body Connecting with Harness Connector of Right Rear Door Harness 	I_AB(BM) SRS Connecting with Connector(Body Connecting with Main Harness) 	I_BR LD Body Connecting with Harness Connector of Left Rear Door Harness 
I2_BE Body Connecting with Harness Connector of Engine Harness II 		

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Layout Diagram of Left Door Harness

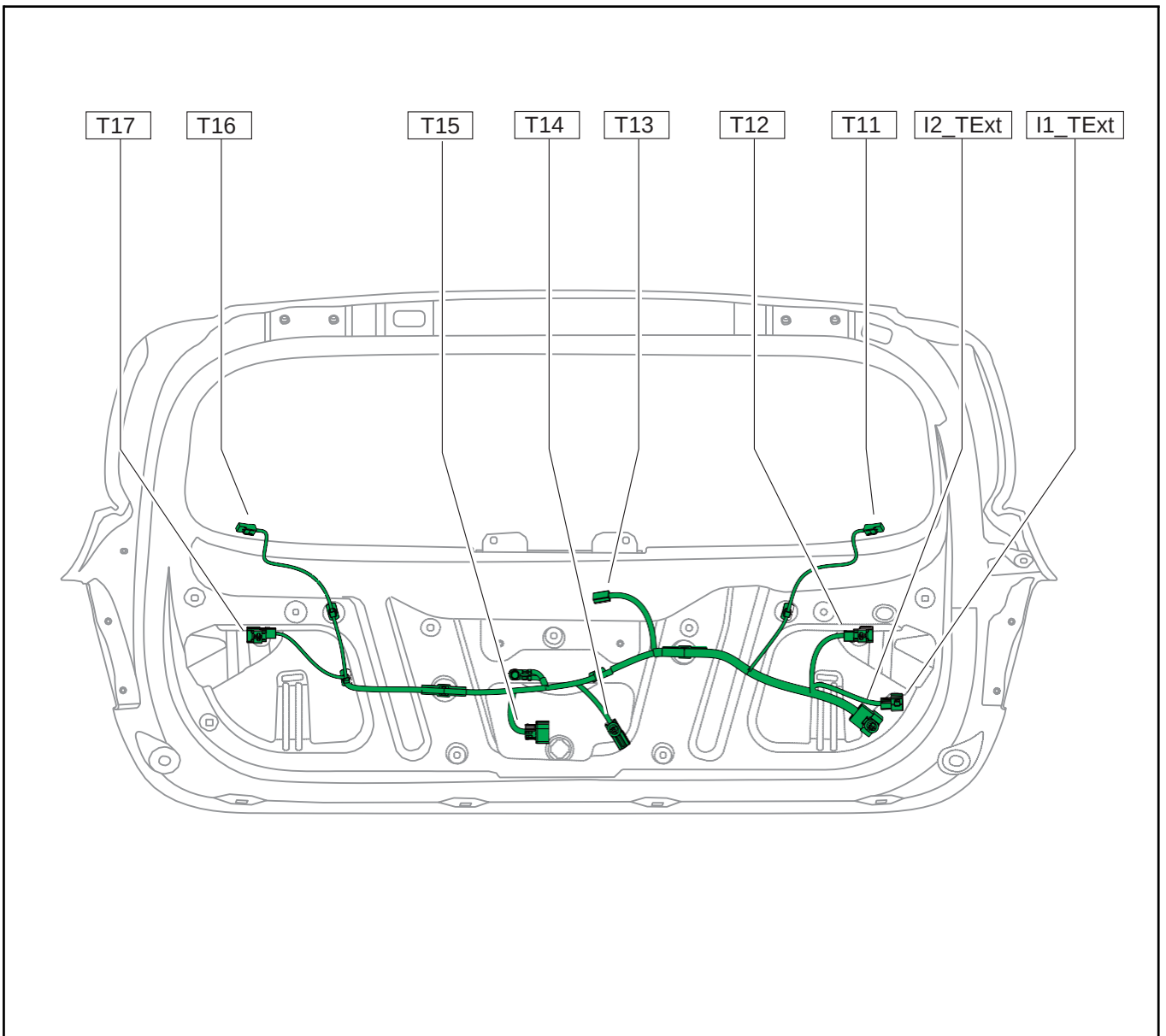


Layout Diagram of Right Door Harness

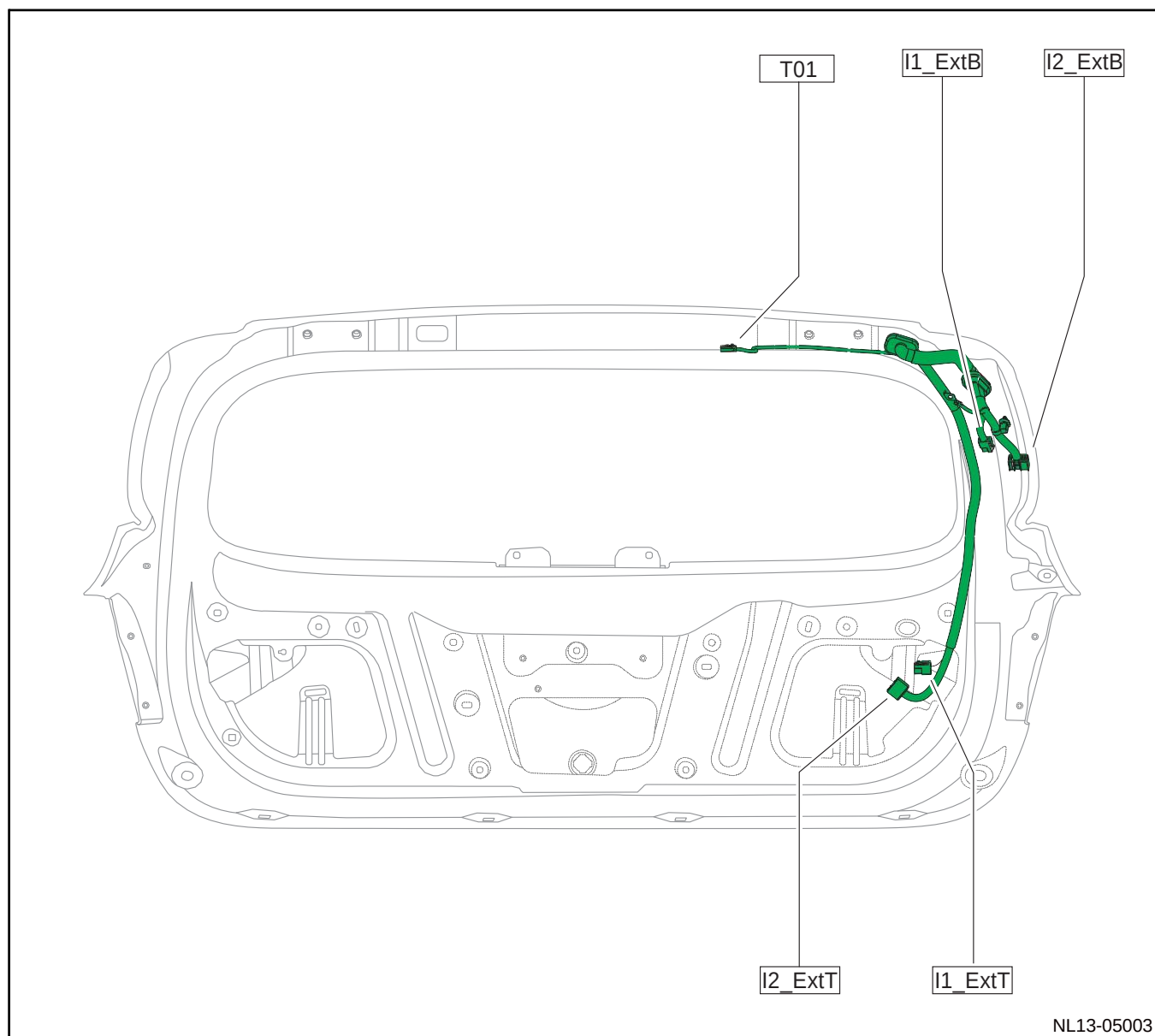


Harness Connector	Designation	Harness Connector	Designation
D01	Left Front Door Tweeter	D15	Right Front Door Tweeter
D02	Left Rearview Mirror	D16	Harness Connector of Right Front Window Switch
D03	Left Front Window Motor	D21	Harness Connector of Left Rear Window Motor
D04	Left Front Door Lock	D22	Harness Connector of Left Rear Door Lock
D05	Left Front Door Woofer	D23	Harness Connector of Left Rear Door Woofer
D06	Left Front Window Motor (Anti-Pinch)	D24	Harness Connector of Left Rear Window Switch
D07	Main Switch of Left Front Window	D31	Harness Connector of Right Rear Window Motor
D11	Right Rearview Mirror	D32	Harness Connector of Right Rear Door Lock
D12	Right Front Door Window Motor	D33	Harness Connector of Right Rear Door Woofer
D13	Right Front Door Lock	D34	Harness Connector of Right Rear Window Switch
D14	Right Front Door Woofer		

Layout Diagram of Tail-Gate Harness



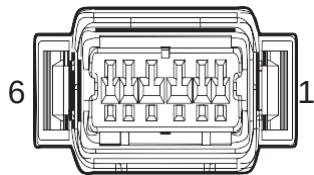
Layout Diagram of Tail-Gate Transition Harness



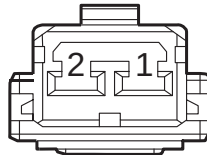
Harness Connector	Designation	Harness Connector	Designation
T01	High Braking Lamp	I1_TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness I
T11	Heating Wire Positive of Rear Defrost	I2_TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II
T12	Left Rear Position Lamp	I2_ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II
T13	Rear Wiper Motor	I1_ExtB	Tail-Gate Transition Harness Connecting withBody Harness I
T14	Tail-Gate Opening Button	I2_ExtB	Tail-Gate Transition Harness Connecting withBody Harness II

Terminal Diagram of Door Harness

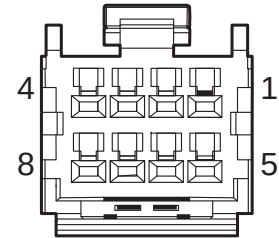
D06 Harness Connector of Left Front Window Motor (Anti-Pinch)



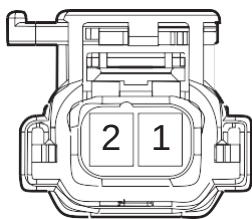
D01 Harness Connector of Left Front Door Tweeter



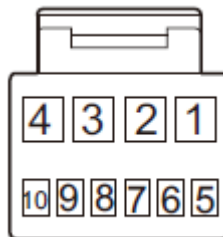
D02 Harness Connector of Left Rearview Mirror



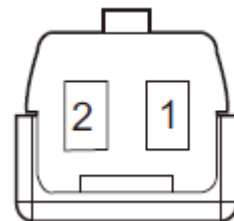
D03 Harness Connector of Left Front Window Motor



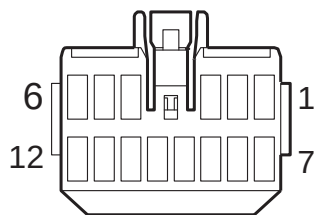
D04 Harness Connector of Left Front Door Lock



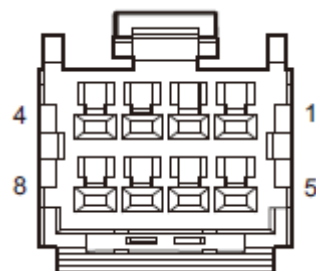
D05 Harness Connector of Left Front Door Woofer



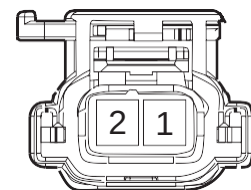
D07 Harness Connector of Main Switch of Left Front Window



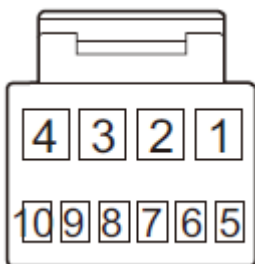
D11 Harness Connector of Right Rearview Mirror



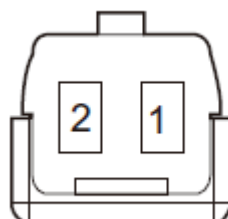
D12 Harness Connector of Right Front Window Switch



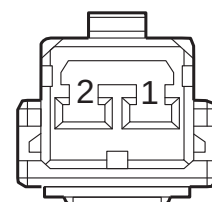
D13 Harness Connector of Right Front Door Lock



D14 Right Front Door Woofer Harness



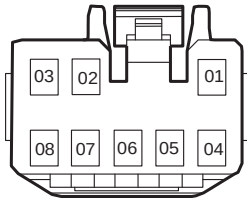
D15 Harness Connector of Right Front Door Tweeter



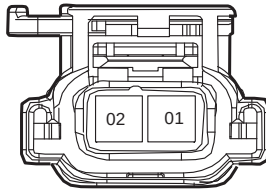
NL00-00000

Terminal Diagram of Door Harness (Continue 1)

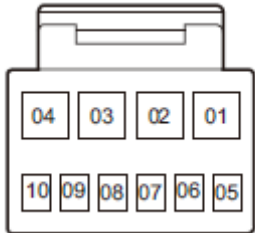
D16 Harness Connector of Right Front Window Switch



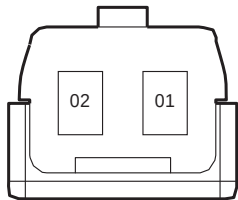
D21 Harness Connector of Left Rear Window Motor



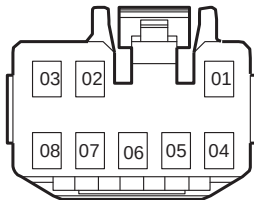
D22 Harness Connector of Left Rear Door Lock



D23 Harness Connector of Left Rear Door Woofer

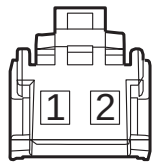


D24 Harness Connector of Left Rear Window Switch

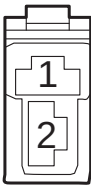


Terminal Diagram of Tail-Gate Transition Harness

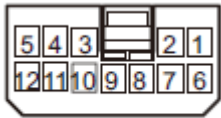
T01 Harness Connector of High Braking Lamp



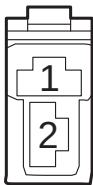
I1_ExtB Tail-Gate Transition Harness I Connecting with Harness Connector of Body Harness



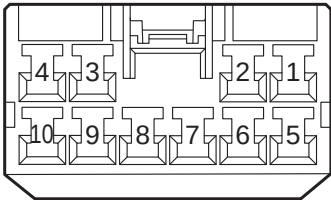
I2_ExtB Tail-Gate Transition Harness Connecting with Harness Connector of Body Harness II



I1_ExtT Tail-Gate Transition Harness Connecting with Harness Connector of Tail-Gate Harness I

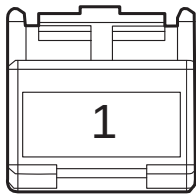


I2_ExtT Tail-Gate Transition Harness Connecting with Harness Connector of Tail-Gate Harness II

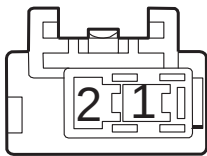


Terminal Diagram of Tail-Gate Harness

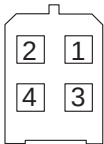
T02 Harness Connector of Heater Anode of Rear Defrost



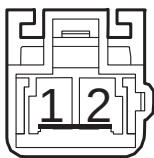
T03 Harness Connector of Left Rear Positioning Lamp



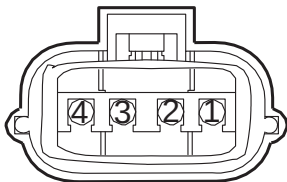
T04 Harness Connector of Rear Wiper Motor



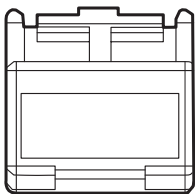
T05 Harness Connector of Tail-Gate Starting Button



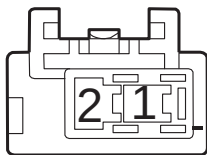
T06 Harness Connector of Trunk Lock



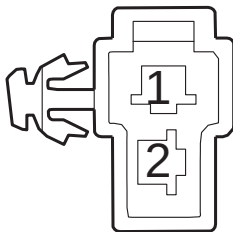
T07 Harness Connector of Heater Cathode of Rear Defrost



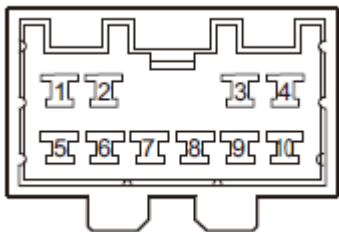
T08 Harness Connector of Right Rear Positioning Lamp



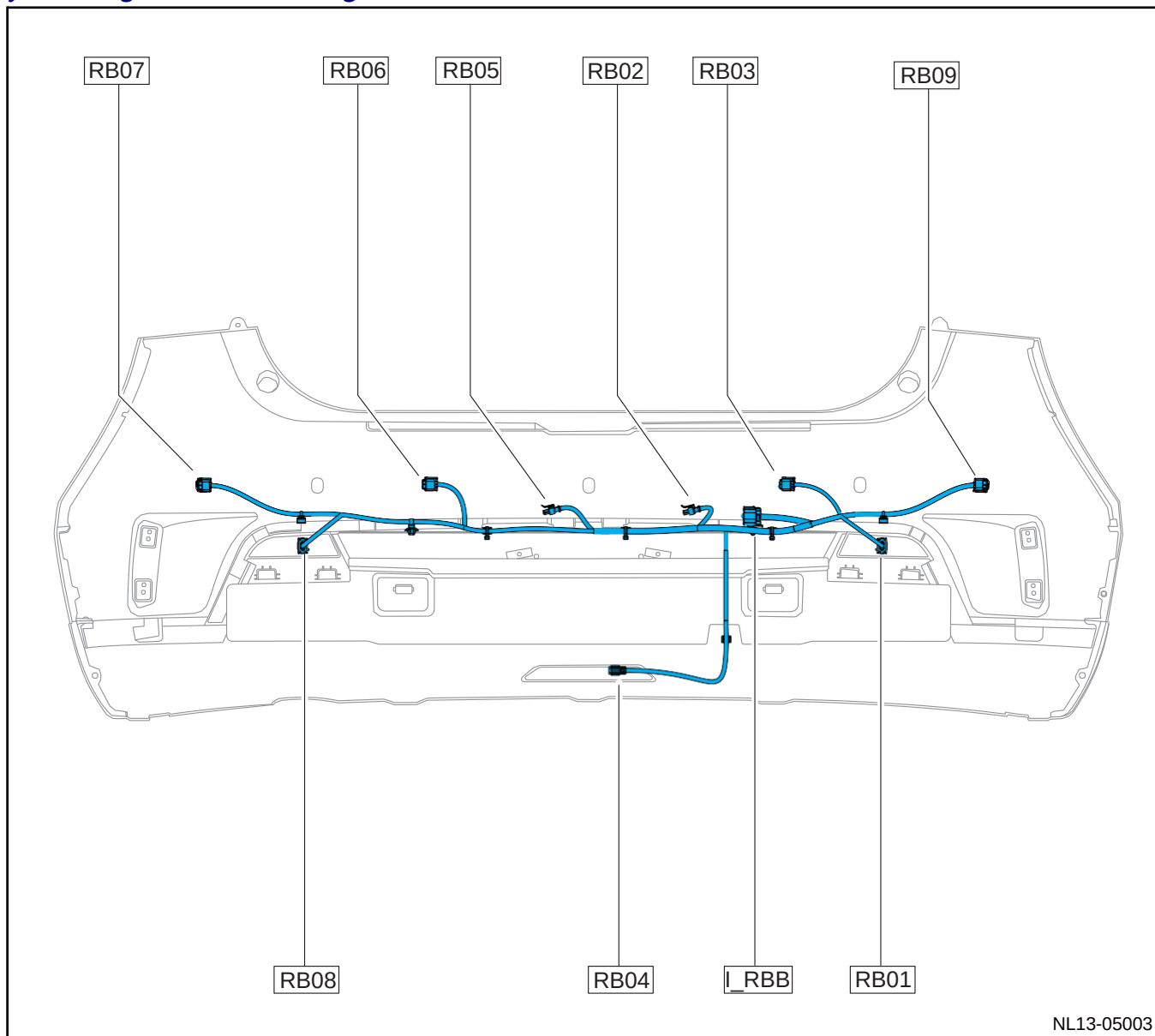
I1_TE xt Tail-Gate Harness Connecting with Harness Connector of Tail-Gate Transition Harness 1



I2_TE xt Tail-Gate Harness Connecting with Harness Connector of Tail-Gate Transition 2

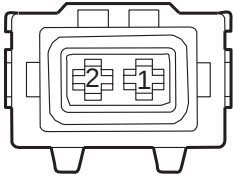
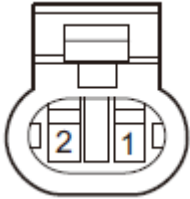
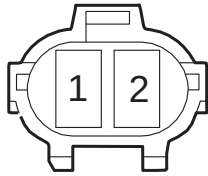
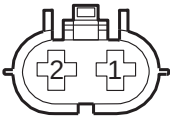
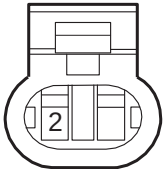
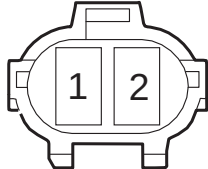
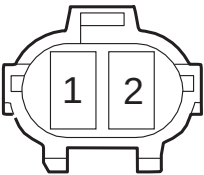
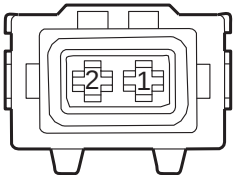
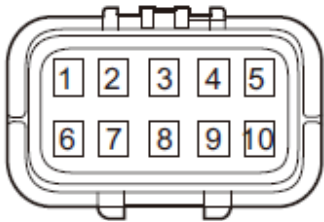


Layout Diagram of Reversing Radar Harness



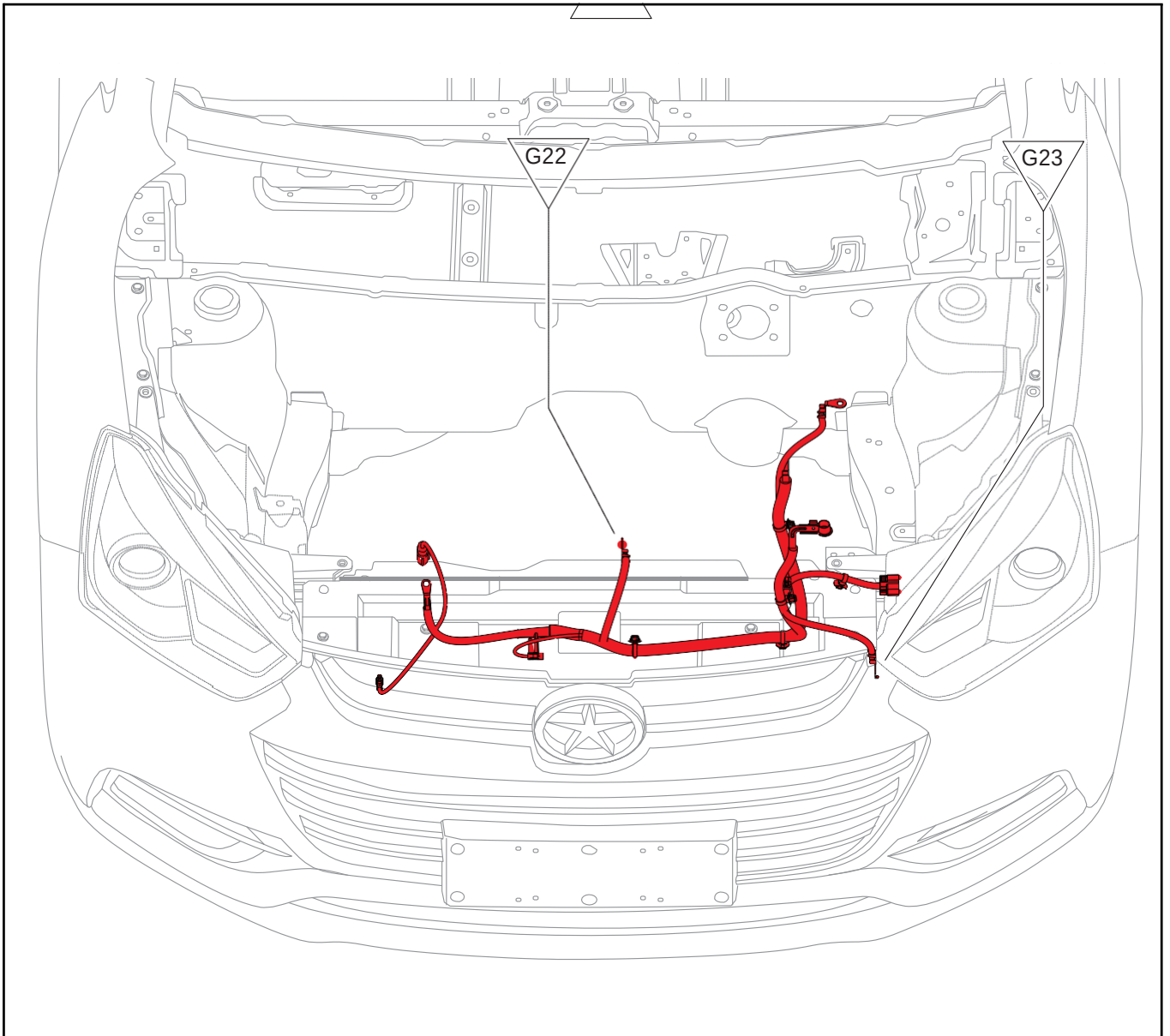
Harness Connector	Designation	Harness Connector	Designation
RB01	Harness Connector of Left Reversing Lamp	RB06	Harness Connector of Reversing Radar Sensor In the
RB02	Harness Connector of Left License Plate Lamp	RB07	Harness Connector of Reversing Radar Sensor On the
RB03	Harness Connectorof Reversing Radar Sensor On the	RB08	Harness Connector of Right Reversing Lamp
RB04	Harness Connector of Rear Foglamp	I_RBB	Reversing Radar Harness Connecting with Body
RB05	Harness Connector of Right License Plate Lamp		

Terminal Diagram of Reversing Radar Harness

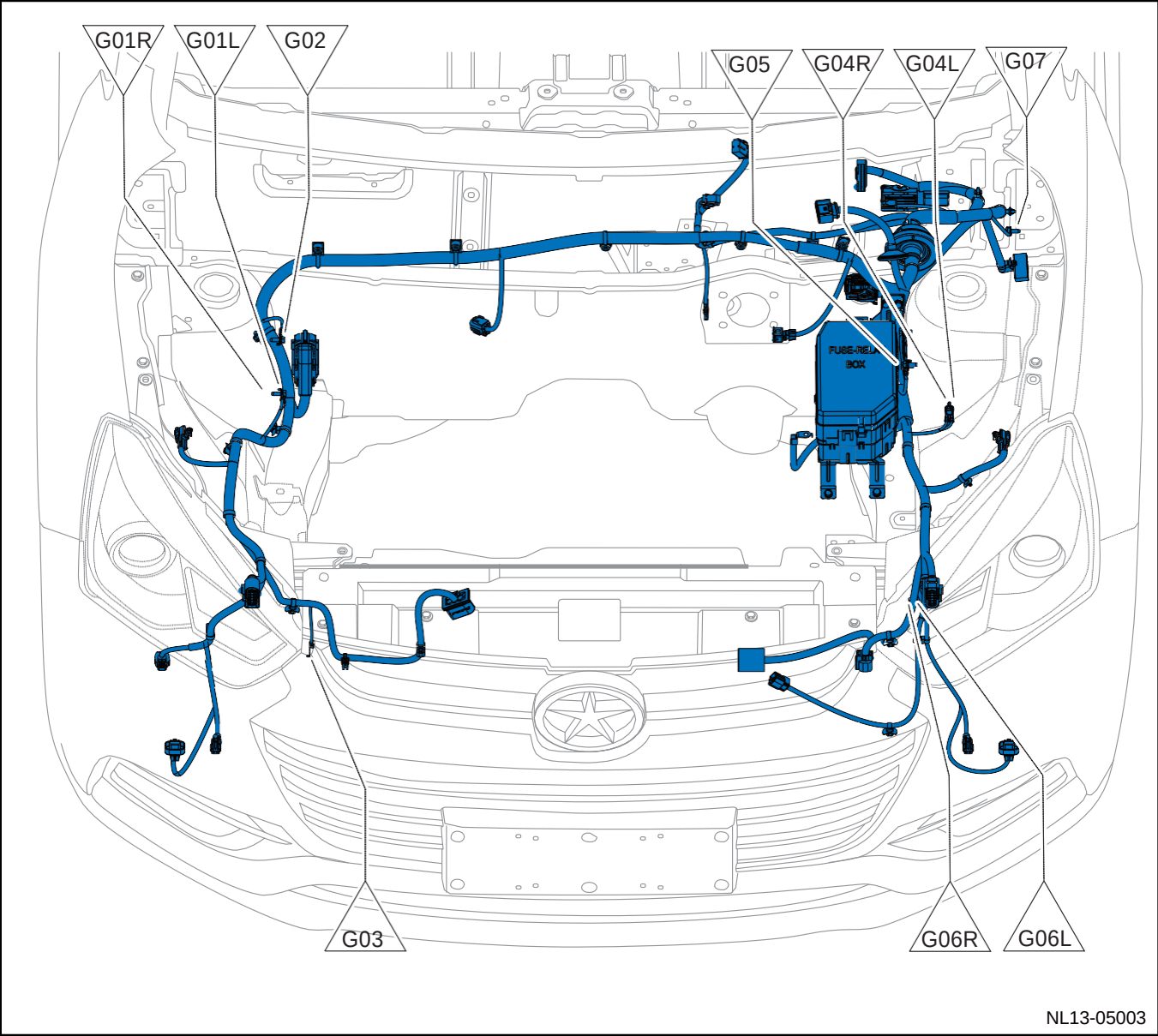
RB01 Harness Connector of Left Reversing Lamp 	RB02 Harness Connector of Left License Plate Lamp 	RB03 Harness Connector of Left Reversing Radar Sensor 
RB04 Harness Connector of Rear Foglamp 	RB05 Harness Connector of Right License Plate Lamp 	RB06 Harness Connector of Reversing Radar Sensor In the Middle 
RB07 Harness Connector of Right Reversing Radar Sensor 	RB08 Harness Connector of Right Reversing Lamp 	I_RBB Reversing Radar Harness Connecting with Harness Connector of Body Harness 

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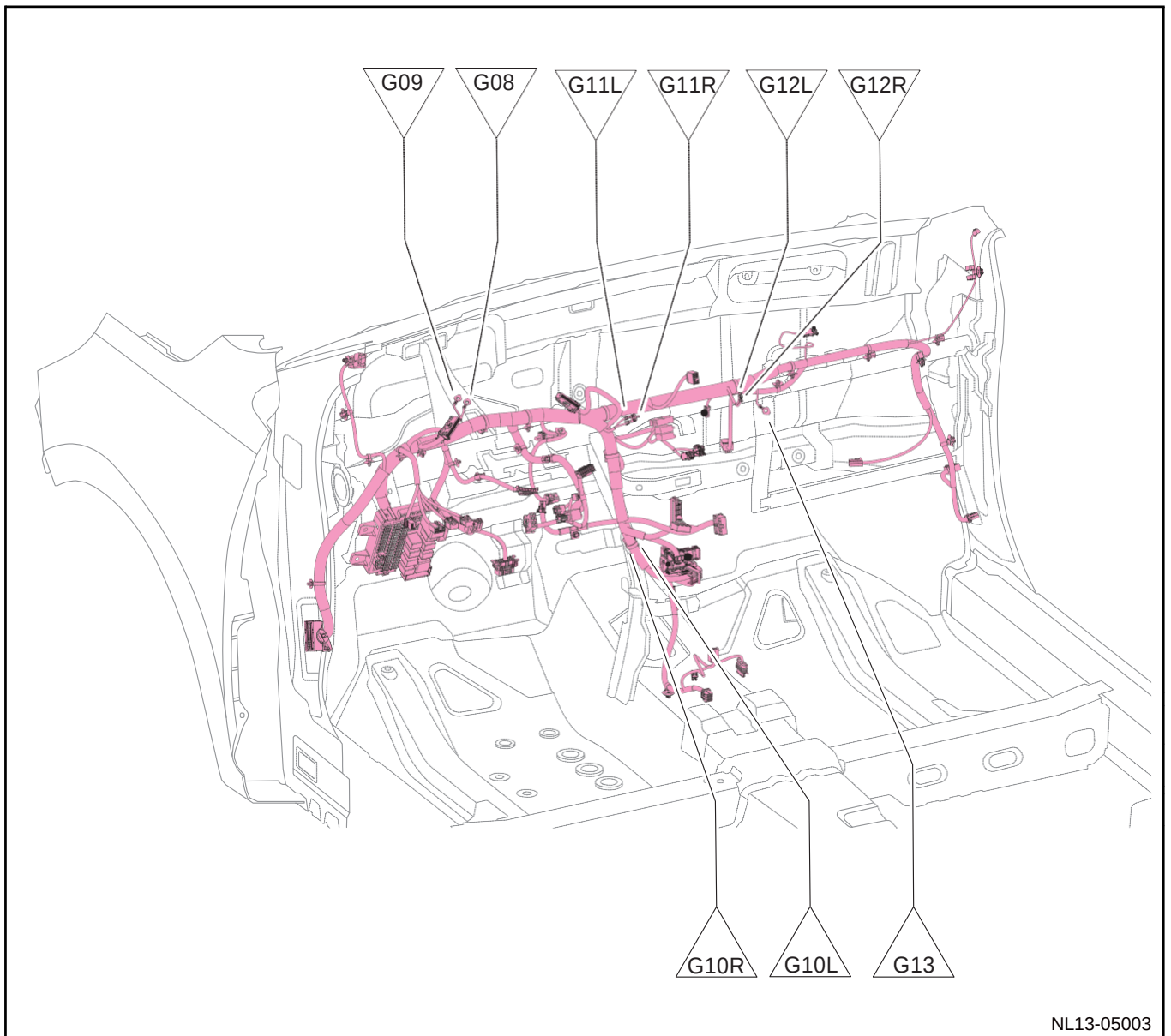
Layout Diagram of Grounding Point In Reference to Power Supply Harness



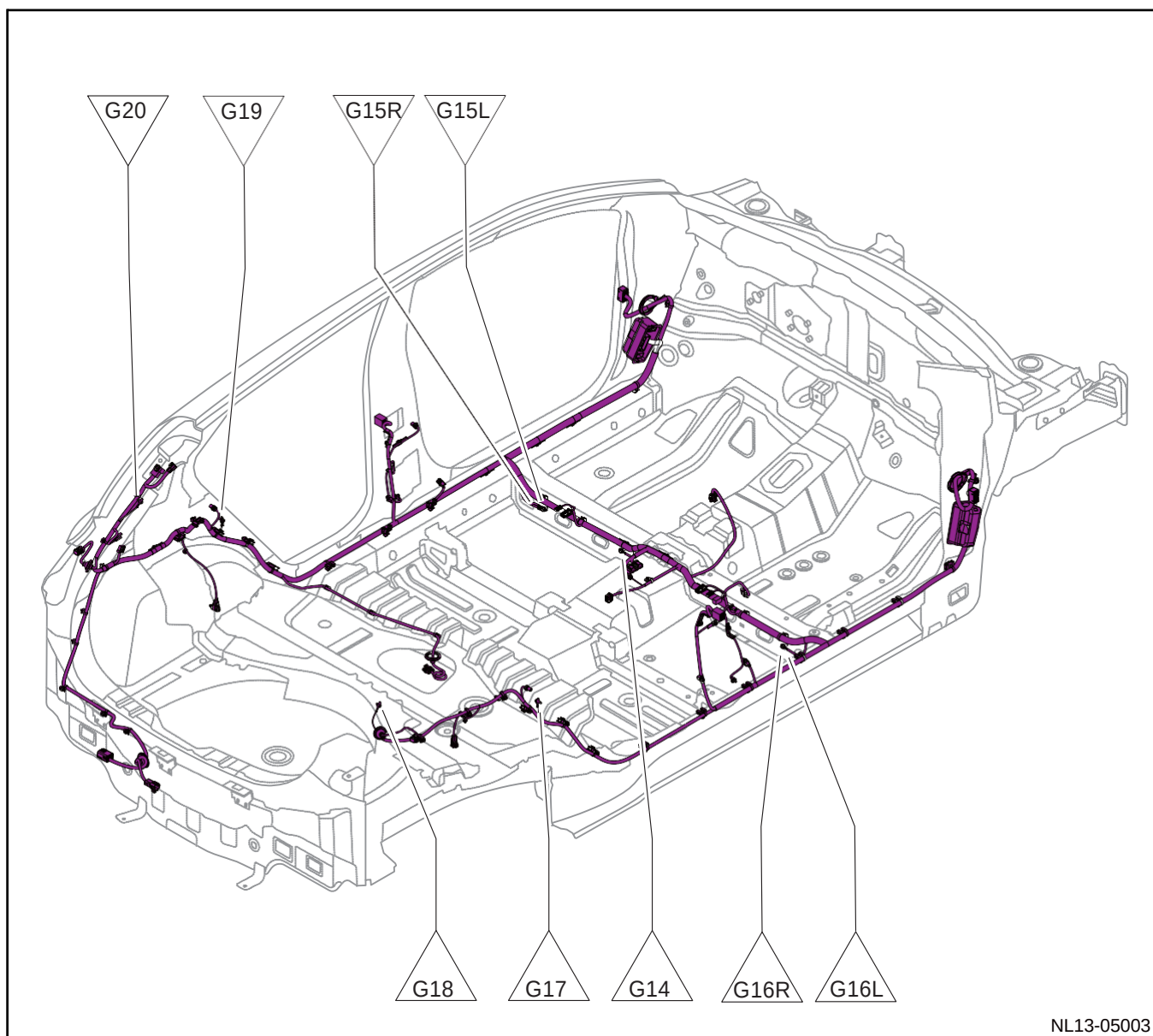
Layout Diagram of Grounding Point In Reference to Engine Harness



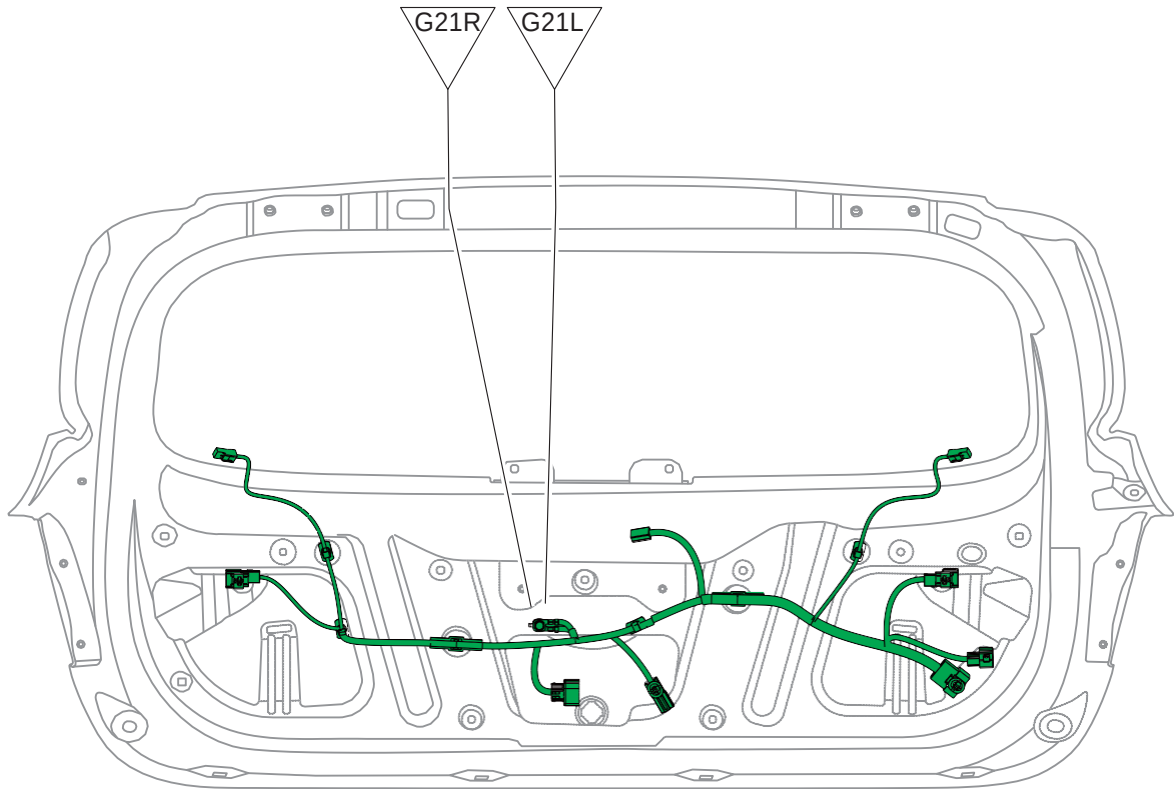
Layout Diagram of Grounding Point In Reference to Main Harness



Layout Diagram of Grounding Point In Reference to Body Harness

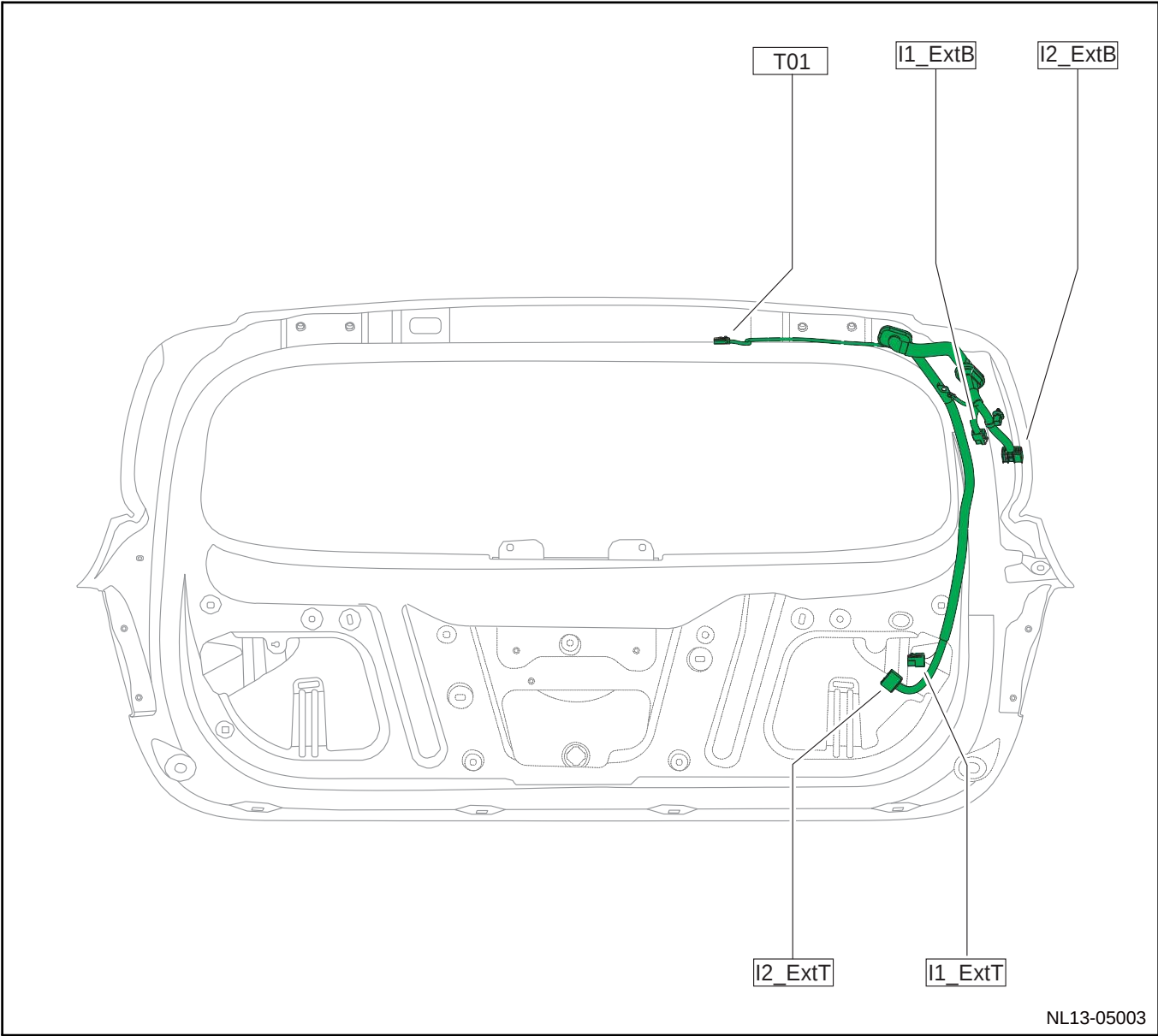


Layout Diagram of Grounding Point In Reference to Tail-Gate Harness

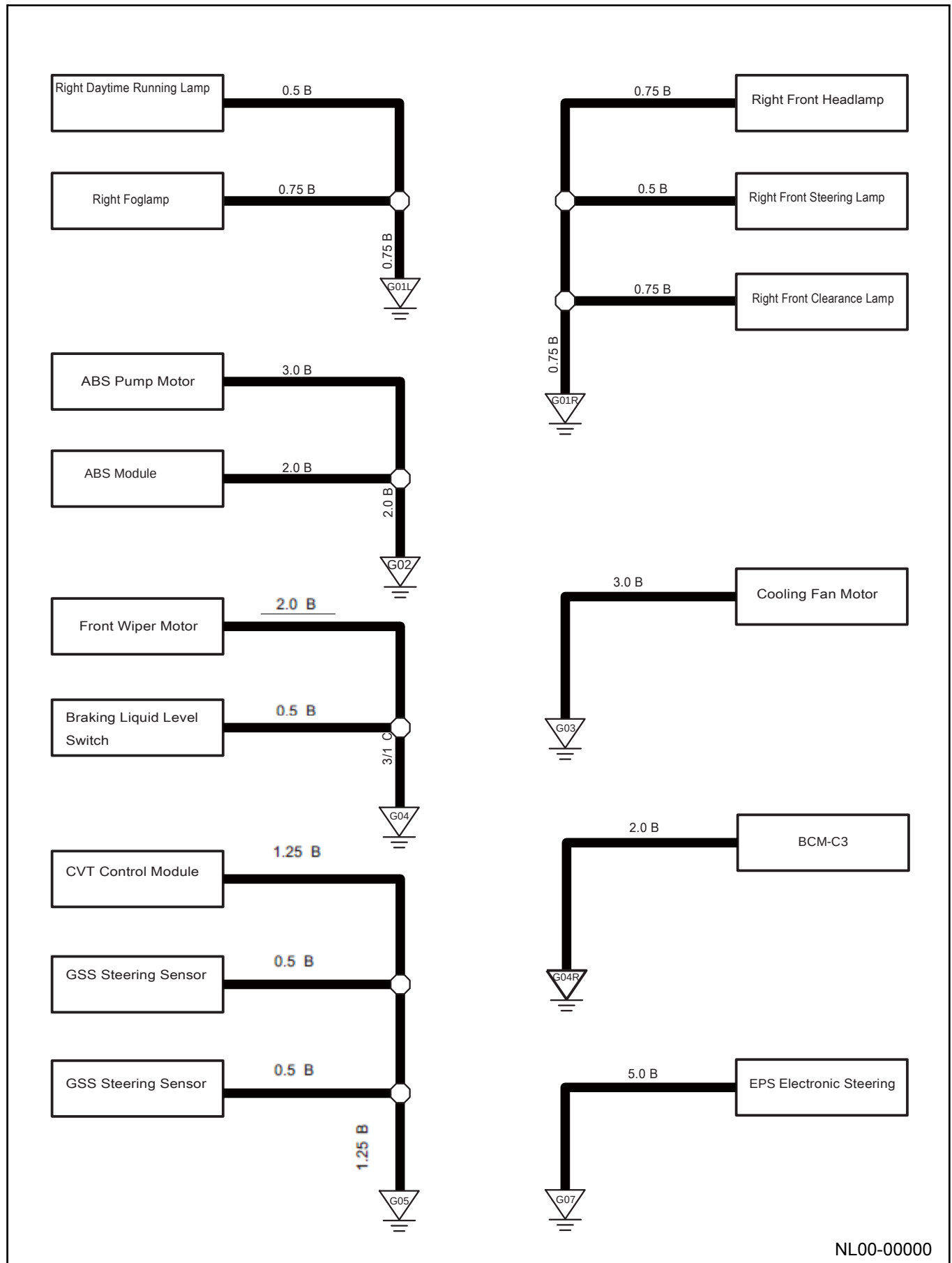


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Layout Diagram of Grounding Point In Reference to Tail-Gate Transition Harness

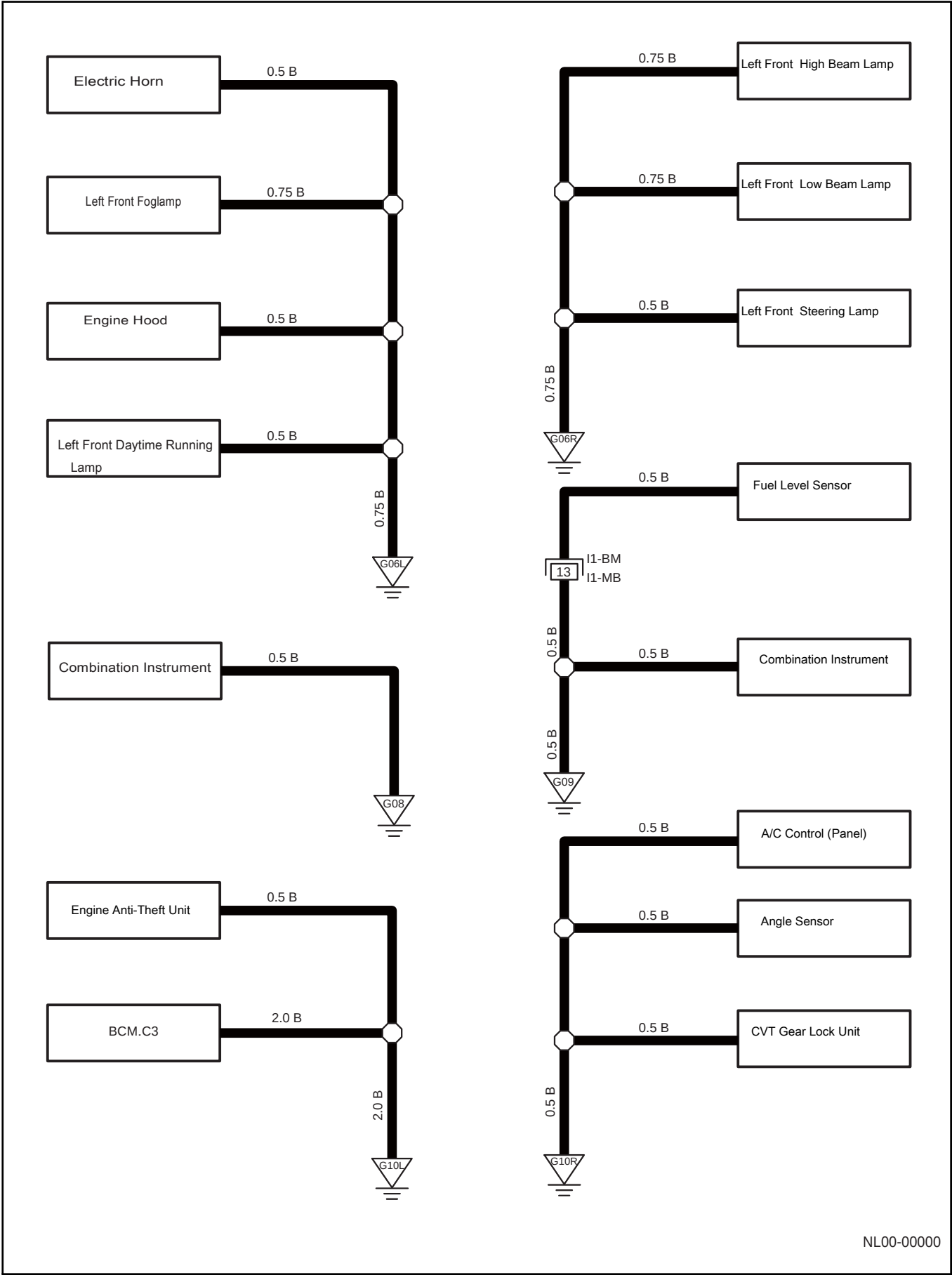


Circuit Diagram of Grounding 1 (G01L,G01R,G02,G03,G04,G04R,G05,G07)

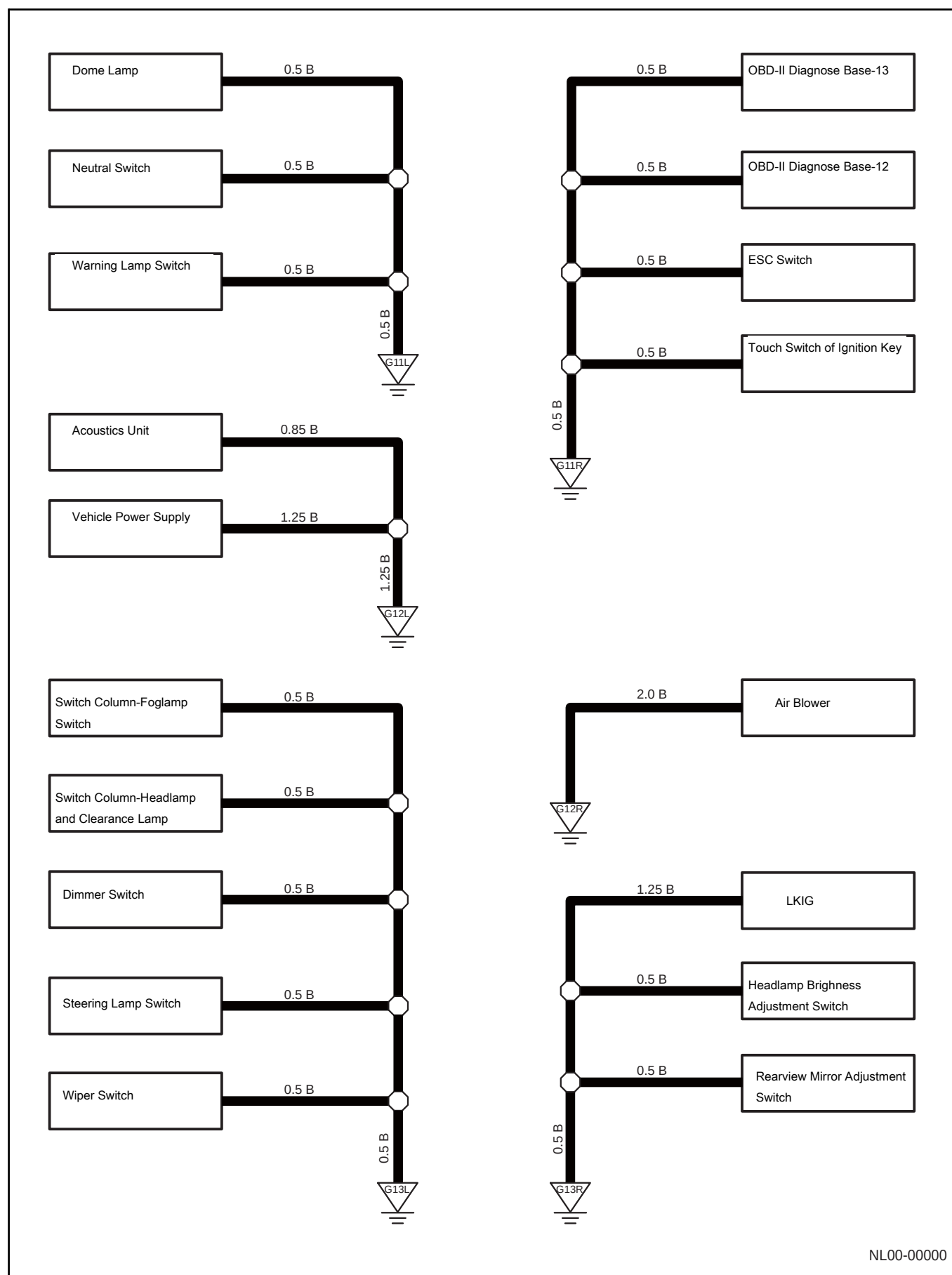


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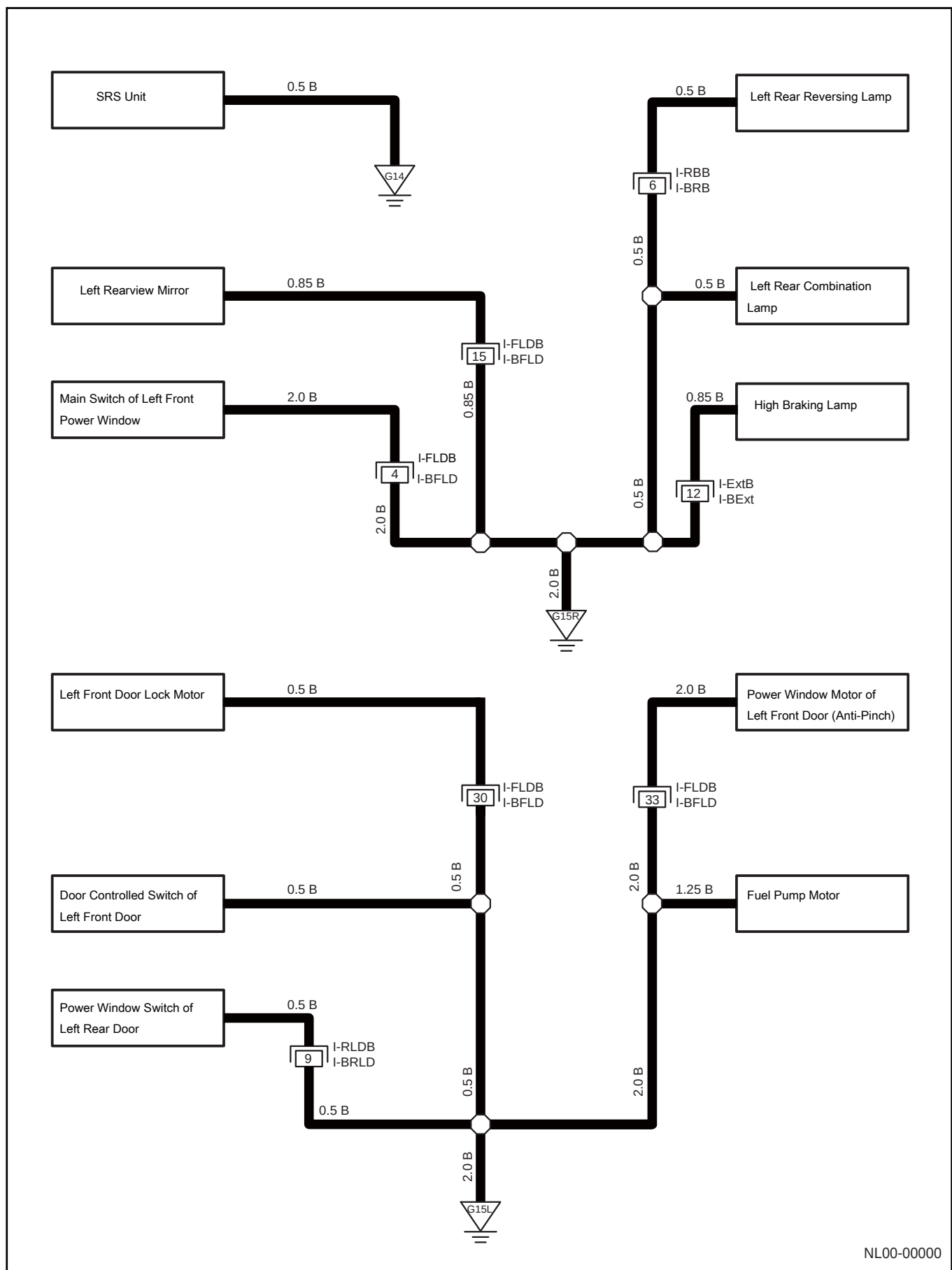
Circuit Diagram of Grouding 2 (G06L,G06R,G08,G09,G10R,G10L)



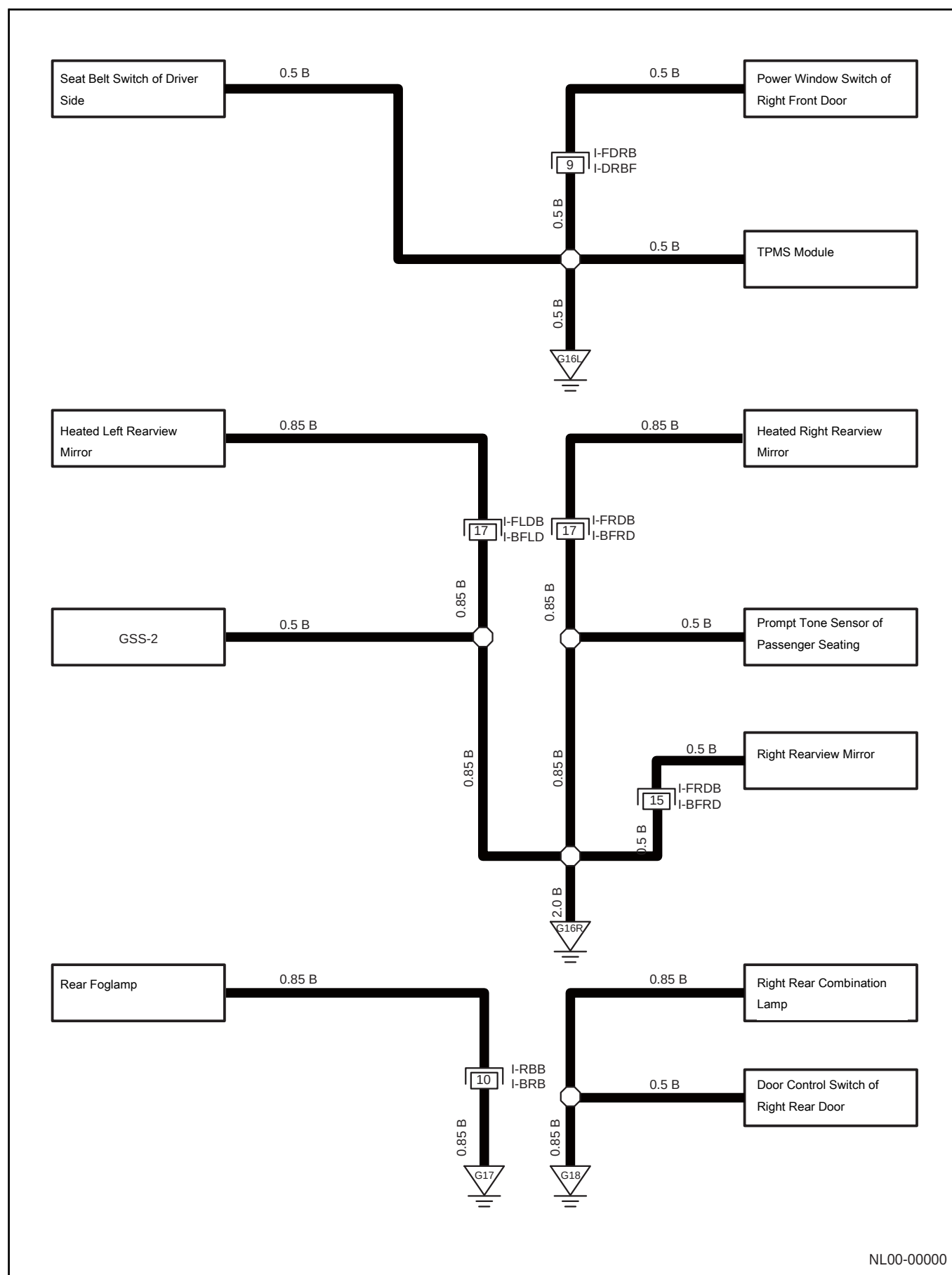
Circuit Diagram of Grouding 3 (G11L,G11R,G12L,G12R,G13L,G13R)



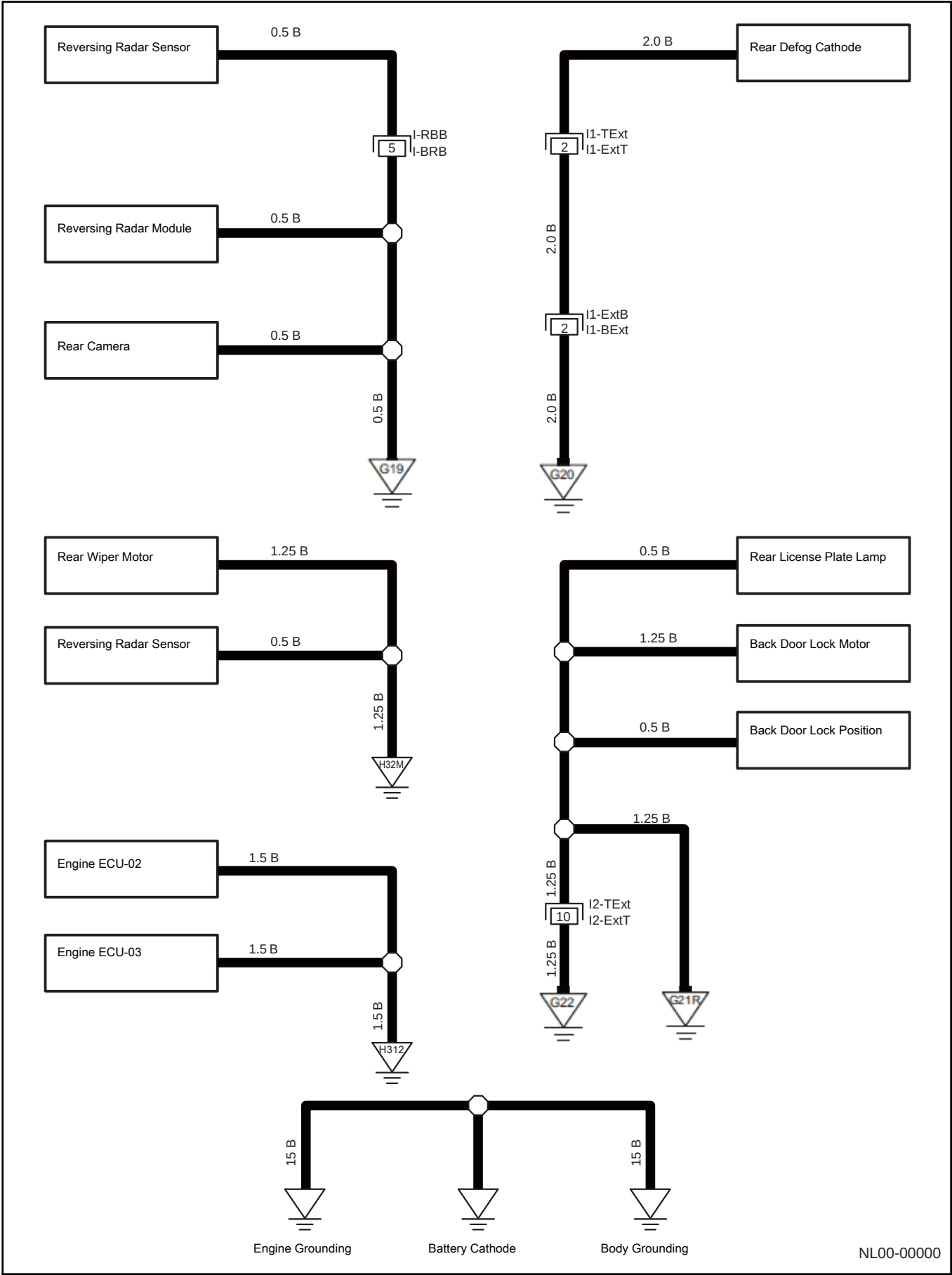
Circuit Diagram of Grouding 4 (G14,G15R,G15L)



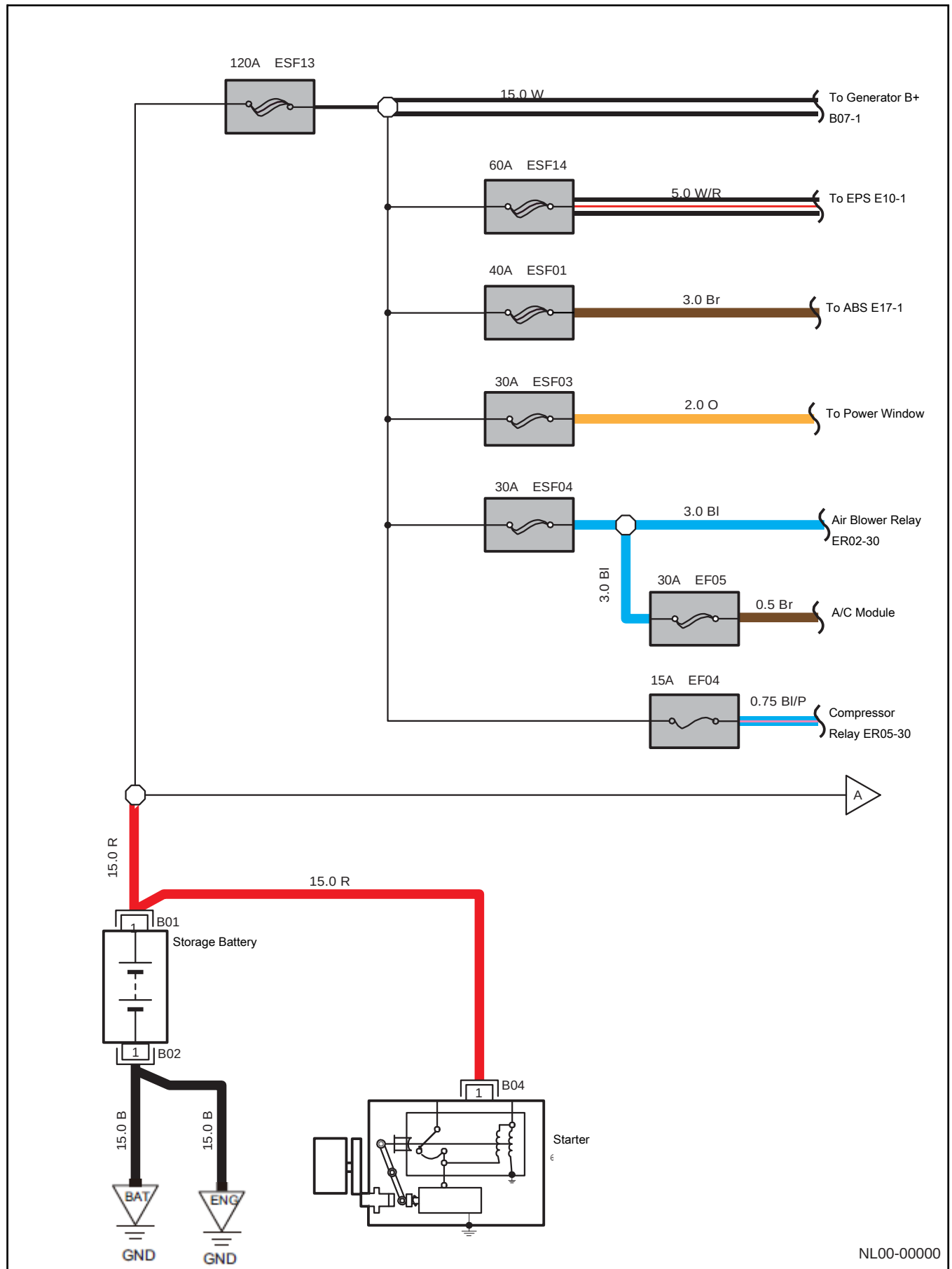
Circuit Diagram of Grouding 5 (G16L,G16R,G17,G18)



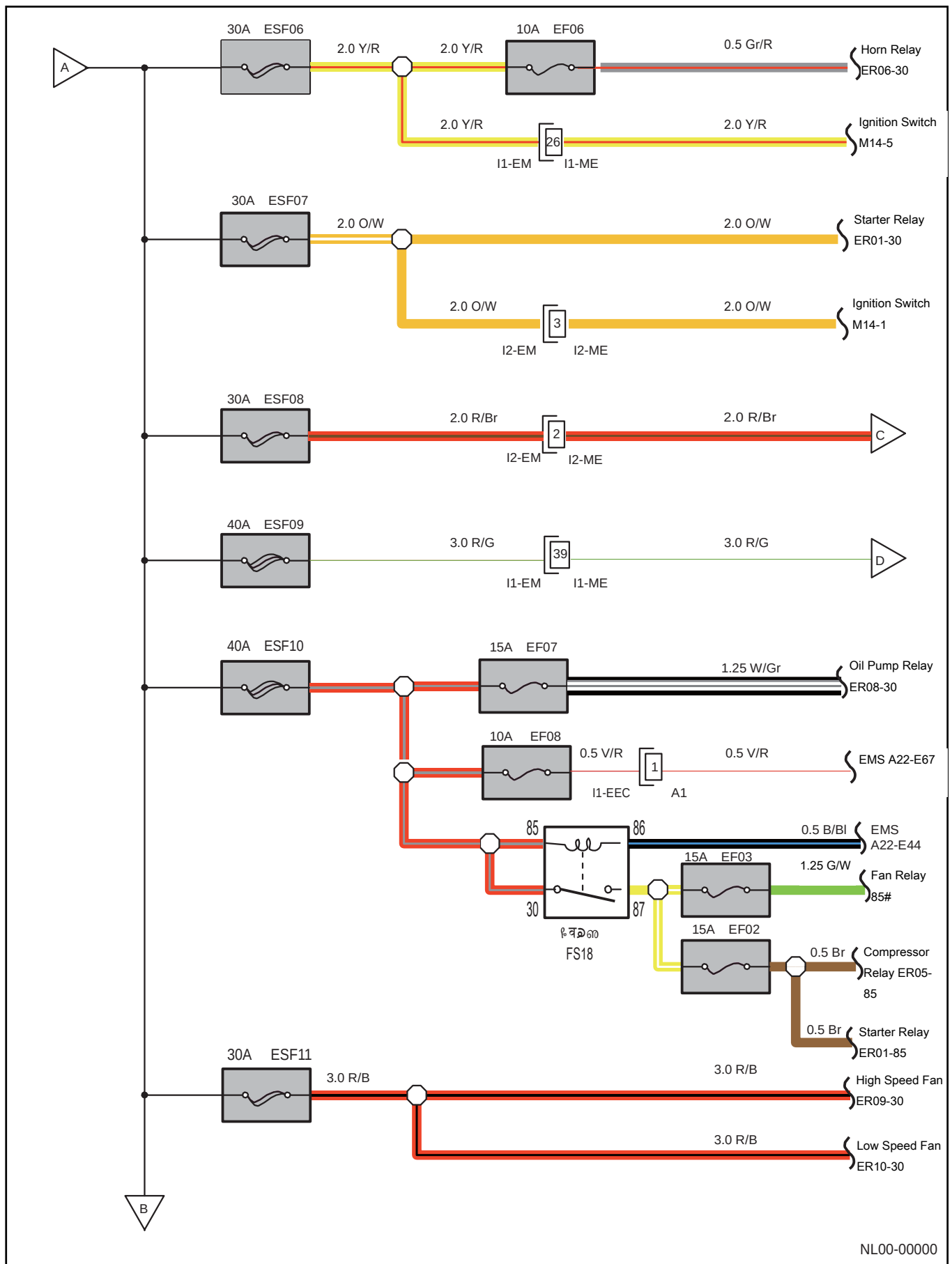
Circuit Diagram of Grouding 6 (G19,G20,G21L,G21R,G201,G22)



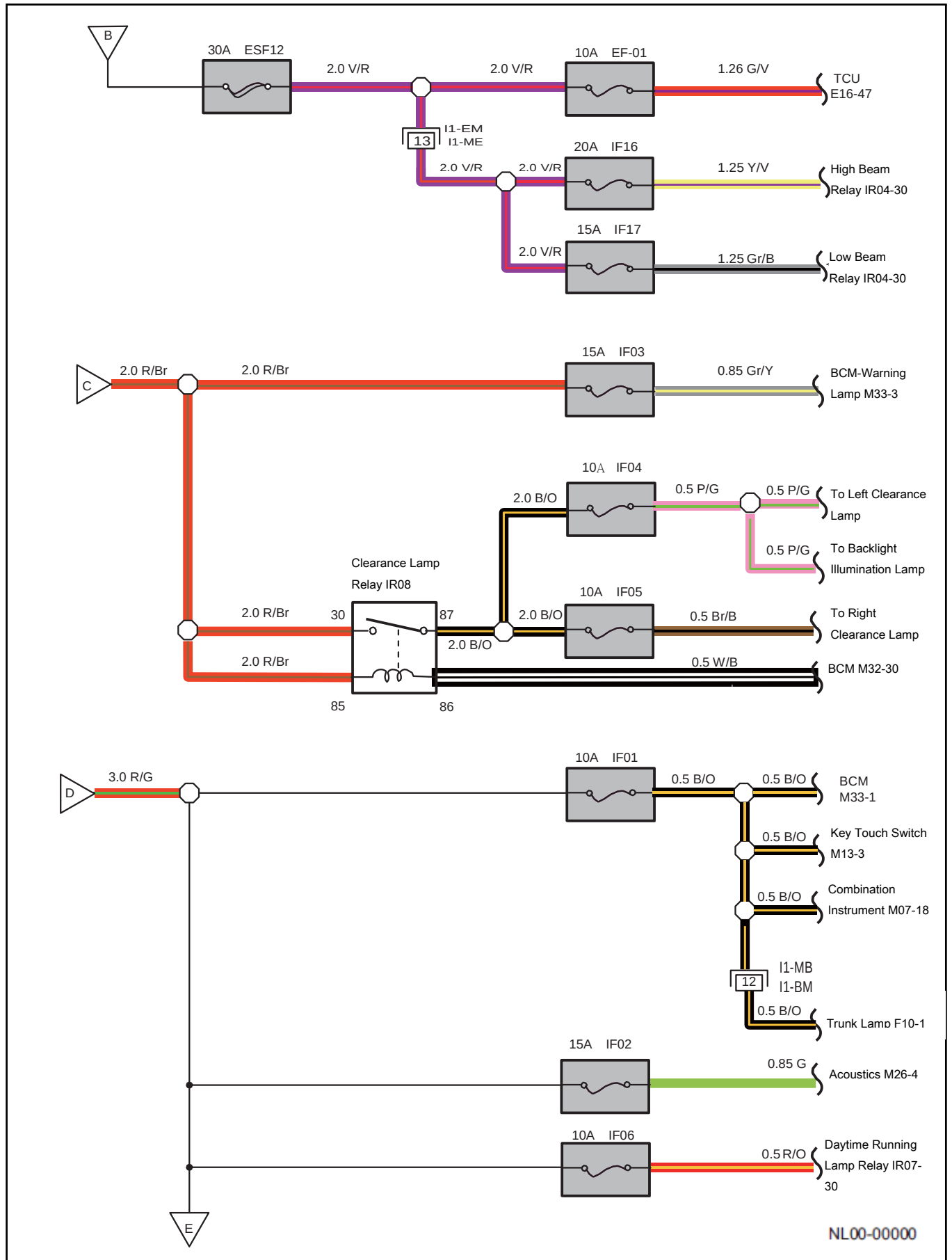
Circuit Diagram 1 of Power Configuration



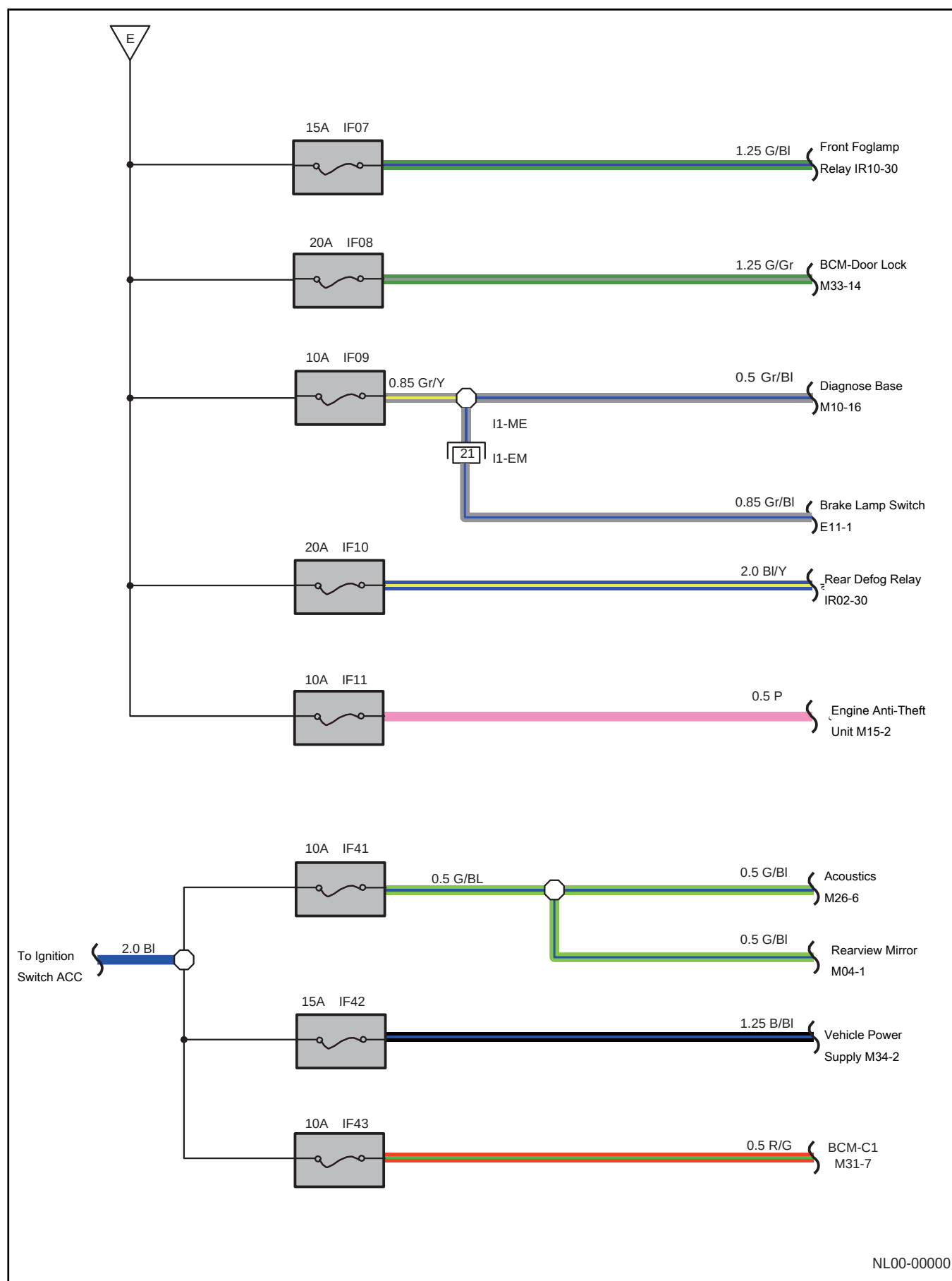
Circuit Diagram of Power Configuration 2



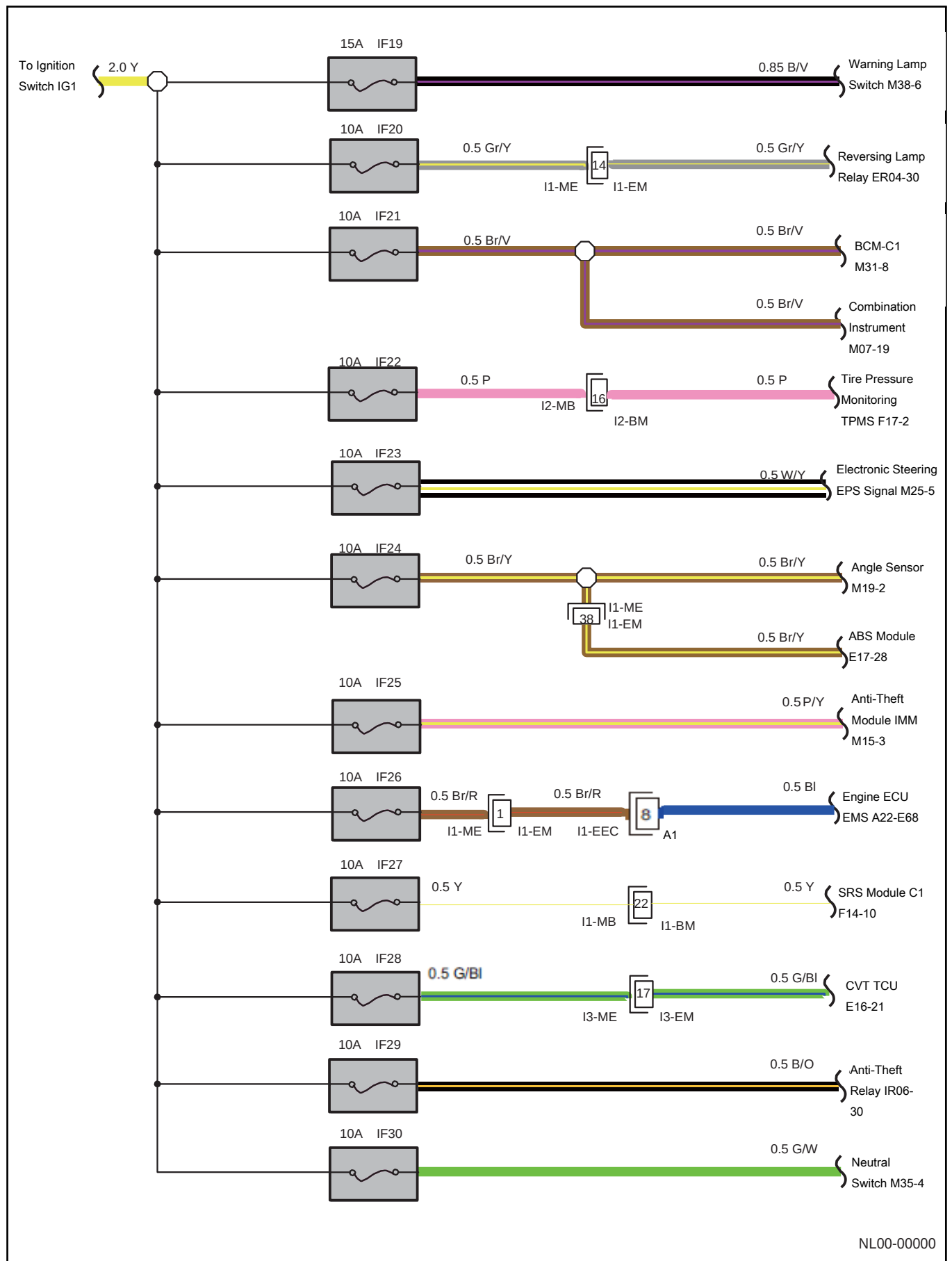
Circuit Diagram of Power Configuration 3



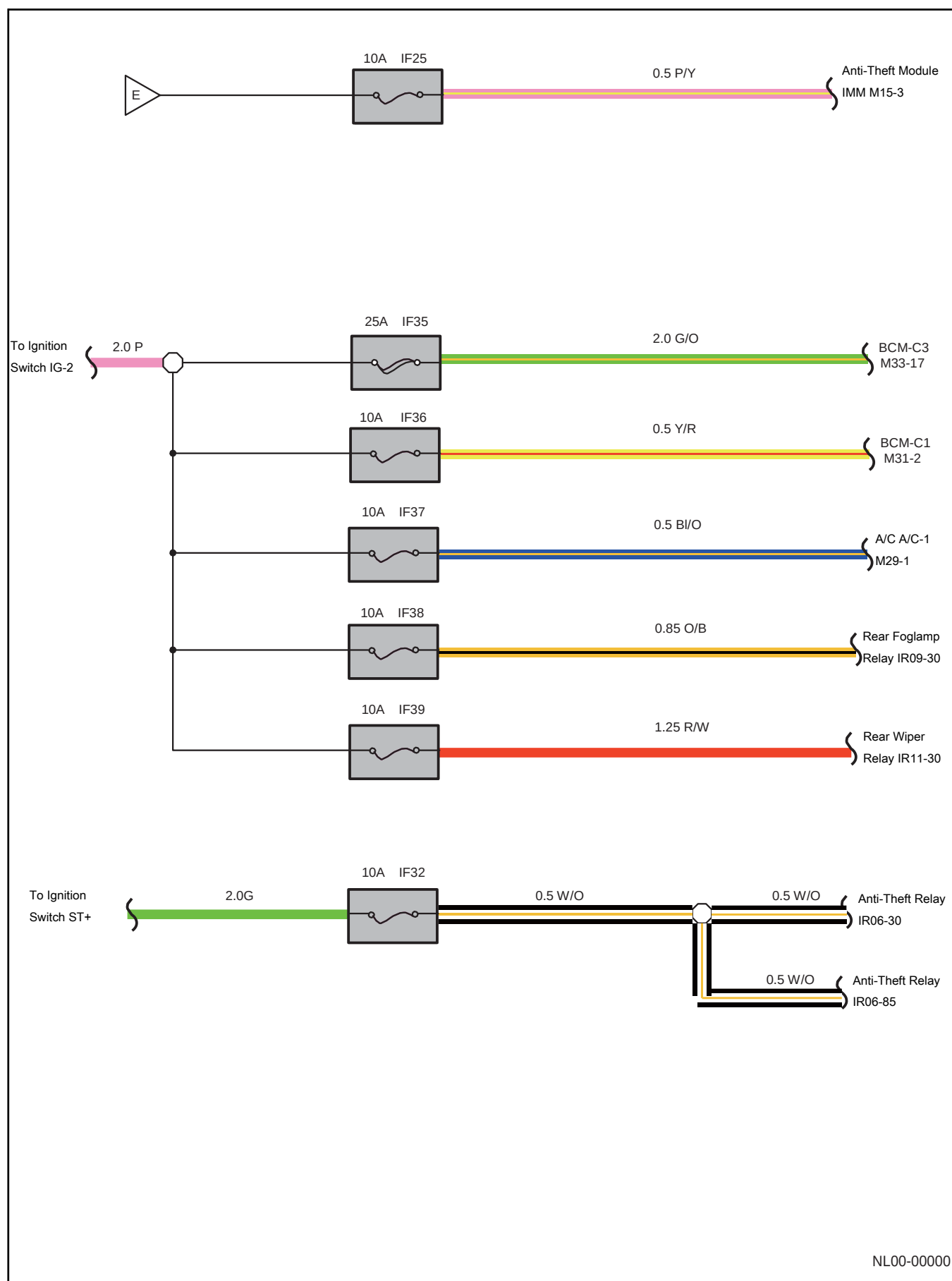
Circuit Diagram of Power Configuration 4



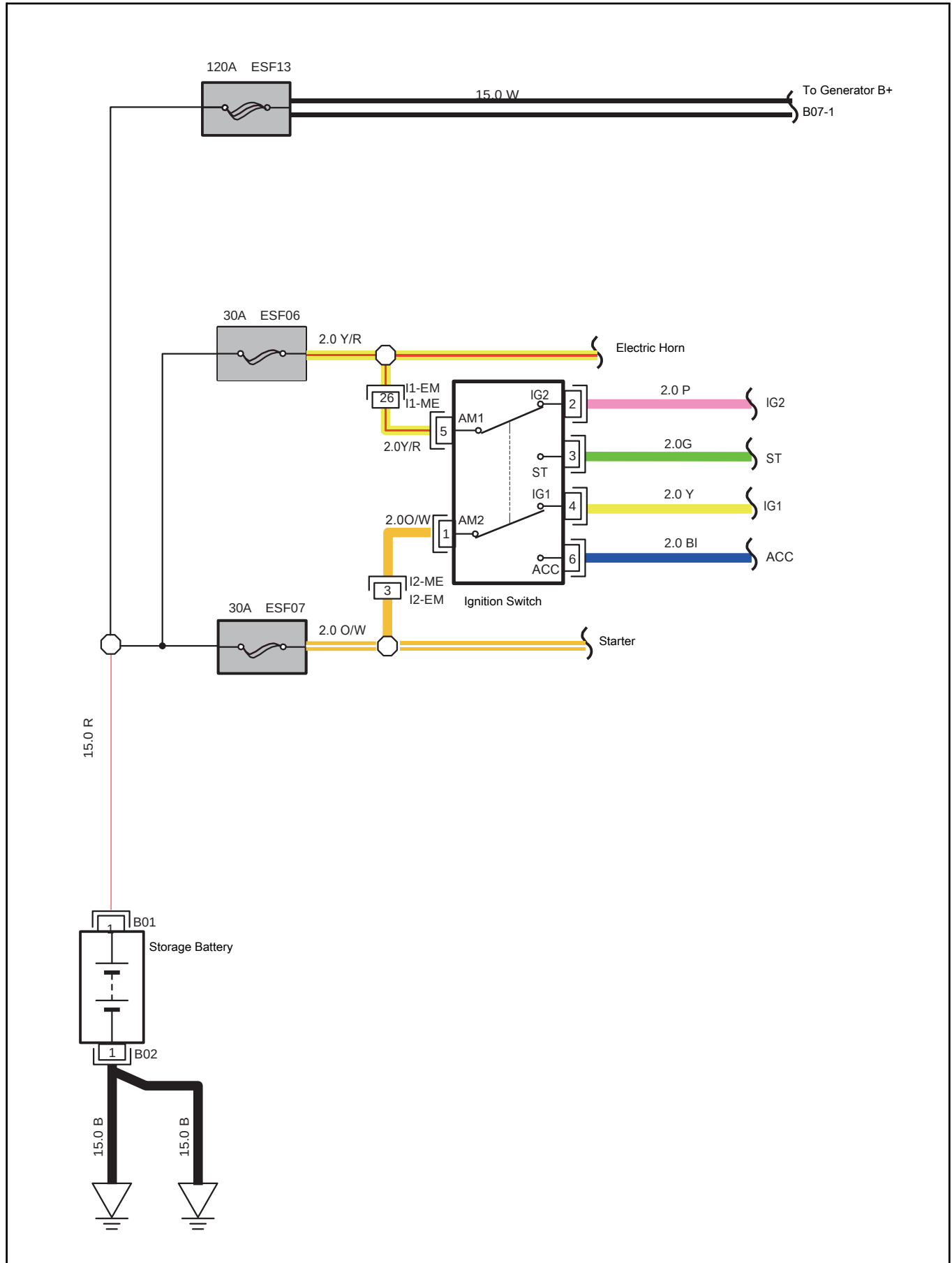
Circuit Diagram of Power Configuration 5



Circuit Diagram of Power Configuration 6



Circuit Diagram of Power Configuration 7



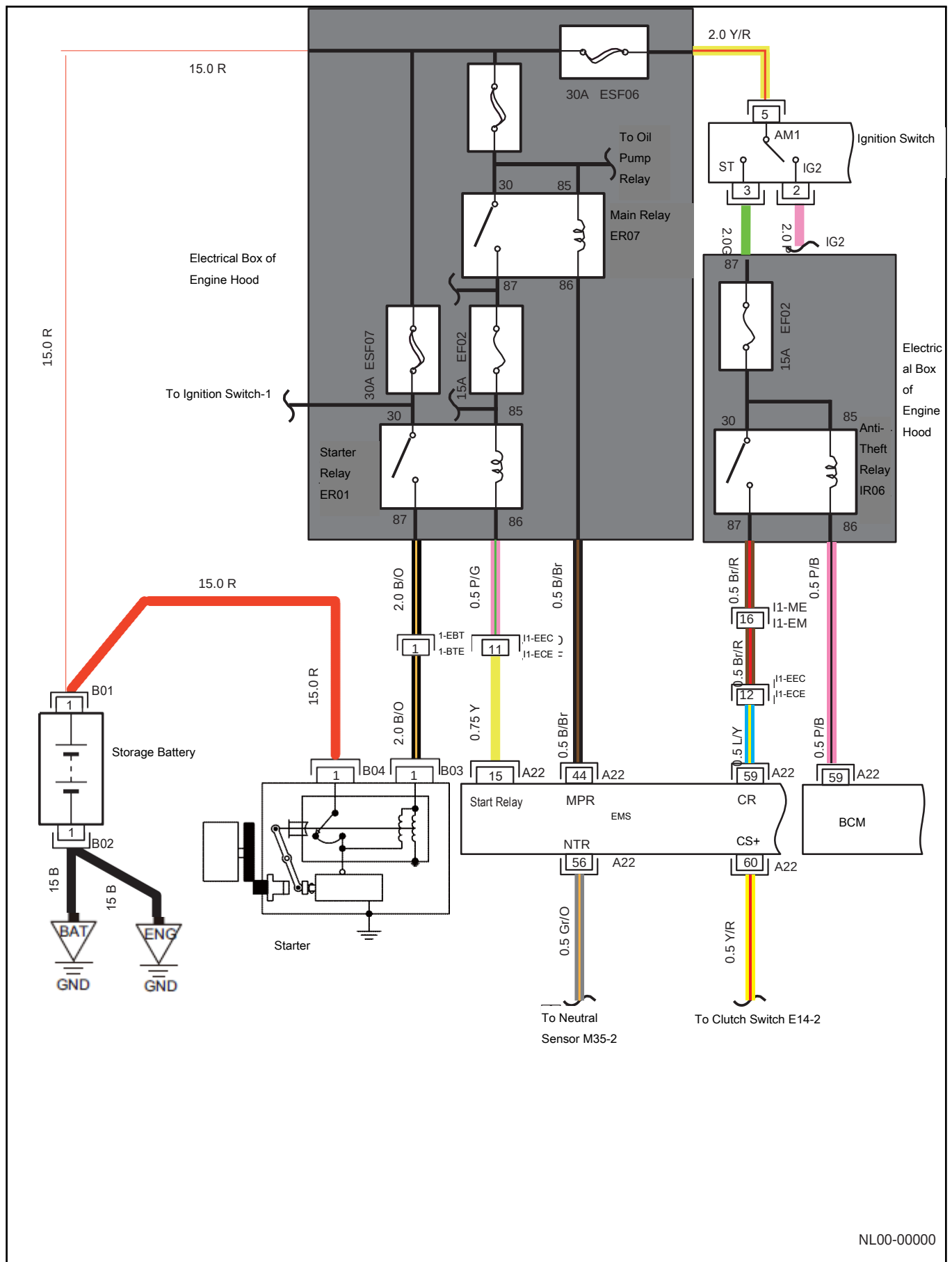
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Harness Connector	Designation	Page Number
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B02	Harness Connector of Battery Terminal Negative	13
B05	Harness Connector of Engine Excitation	13
B07	T_ Generator B+ Harness Connector	13
I-EBT	Engine Harness Connecting with Power Supply Harness	16
I-BTE	Power Supply Harness Connecting with Engine Harness	13
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
M07	Harness Connector of Combination Instrument C2	25
BAT GND	Body Grounding	35
ENG GND	Engine Grounding	16

Start-up System (MT)

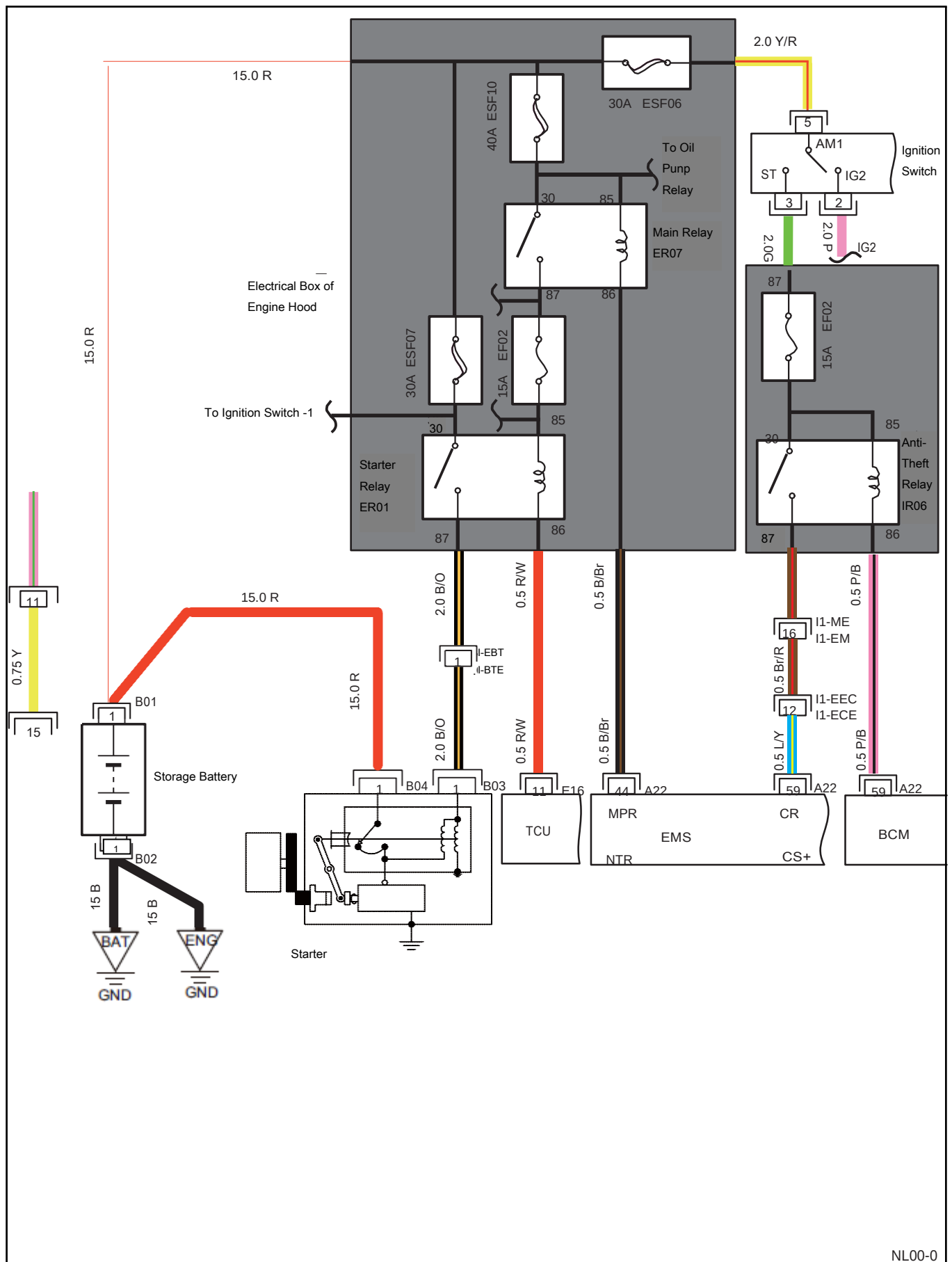


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Harness Connector	Designation	Page Number
B01	Harness Connector of Battery Terminal Positive	13
B02	Harness Connector of Battery Terminal Negative	13
B03	Harness Connector of Starter Excitation	13
B04	Harness Connector of Starter B+	13
A22	ECU_MT Harness Connector	22
I-EBT	Engine Harness Connecting with Power Supply Harness	16
I-BTE	Power Supply Harness Connecting with Engine Harness	13
I1-EEC	Engine Harness Connecting with Control Harness I	16
I1-ECE	Engine Harness Connecting with Control Harness I	16
BAT GND	Body Grounding	35
ENG GND	Engine Grounding	16

Harness Connector	Instruction	Page Number
ER07-87	EF02 To Main Relay ER07-87	81

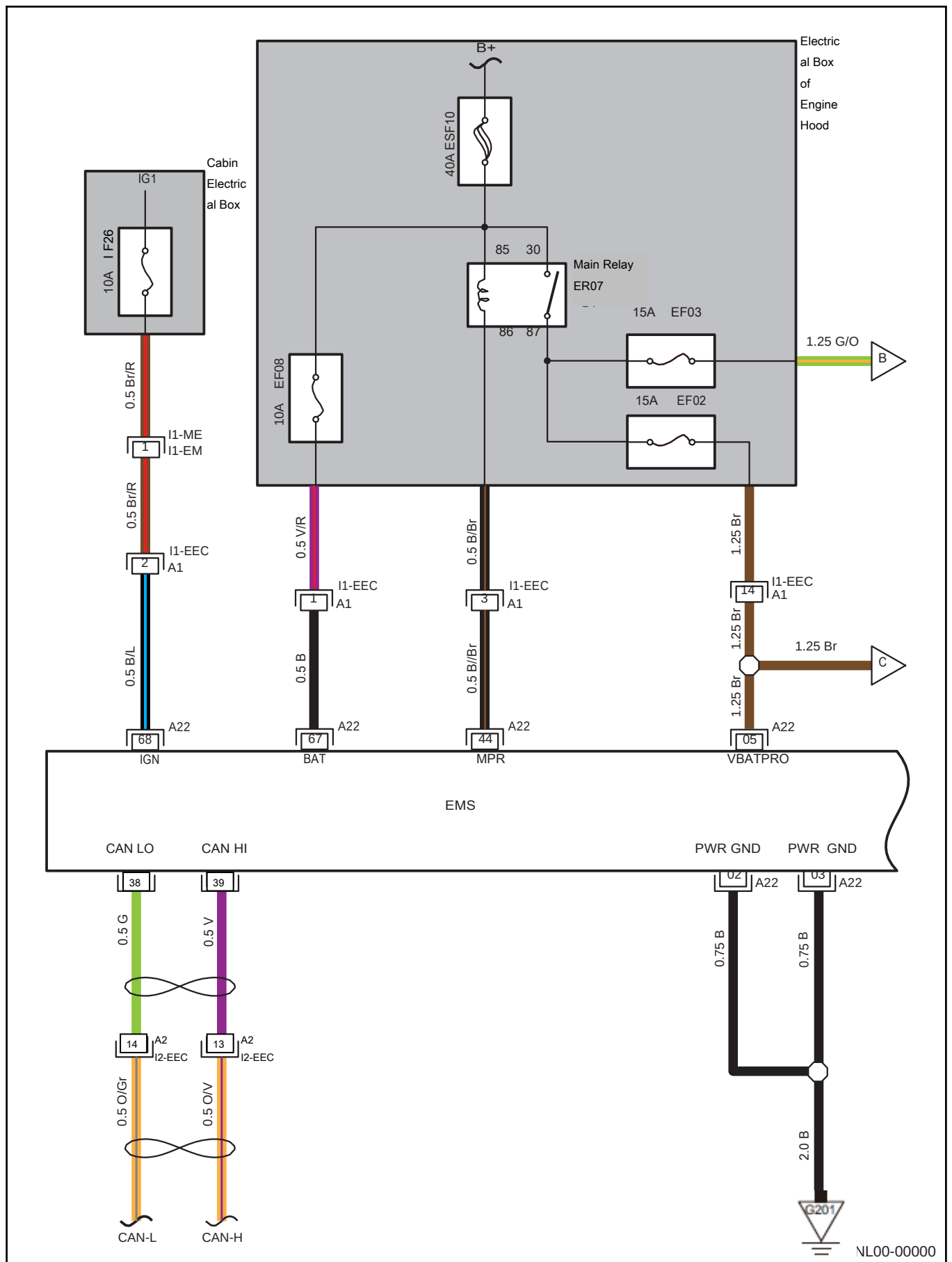
Start-up System(CVT)



Harness Connector	Designation	Page Number
B01	Harness Connector of Battery Terminal Positive	13
B02	Harness Connector of Battery Terminal Negative	13
B03	Harness Connector of StarterExcitation	13
B04	Harness Connector of Starter B+	13
I-EBT	Engine Harness Connecting with Power Supply Harness	16
I-BTE	Power Supply Harness Connecting with Engine Harness	13
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
BAT GND	Body Grounding	35
ENG GND	Engine Grounding	16

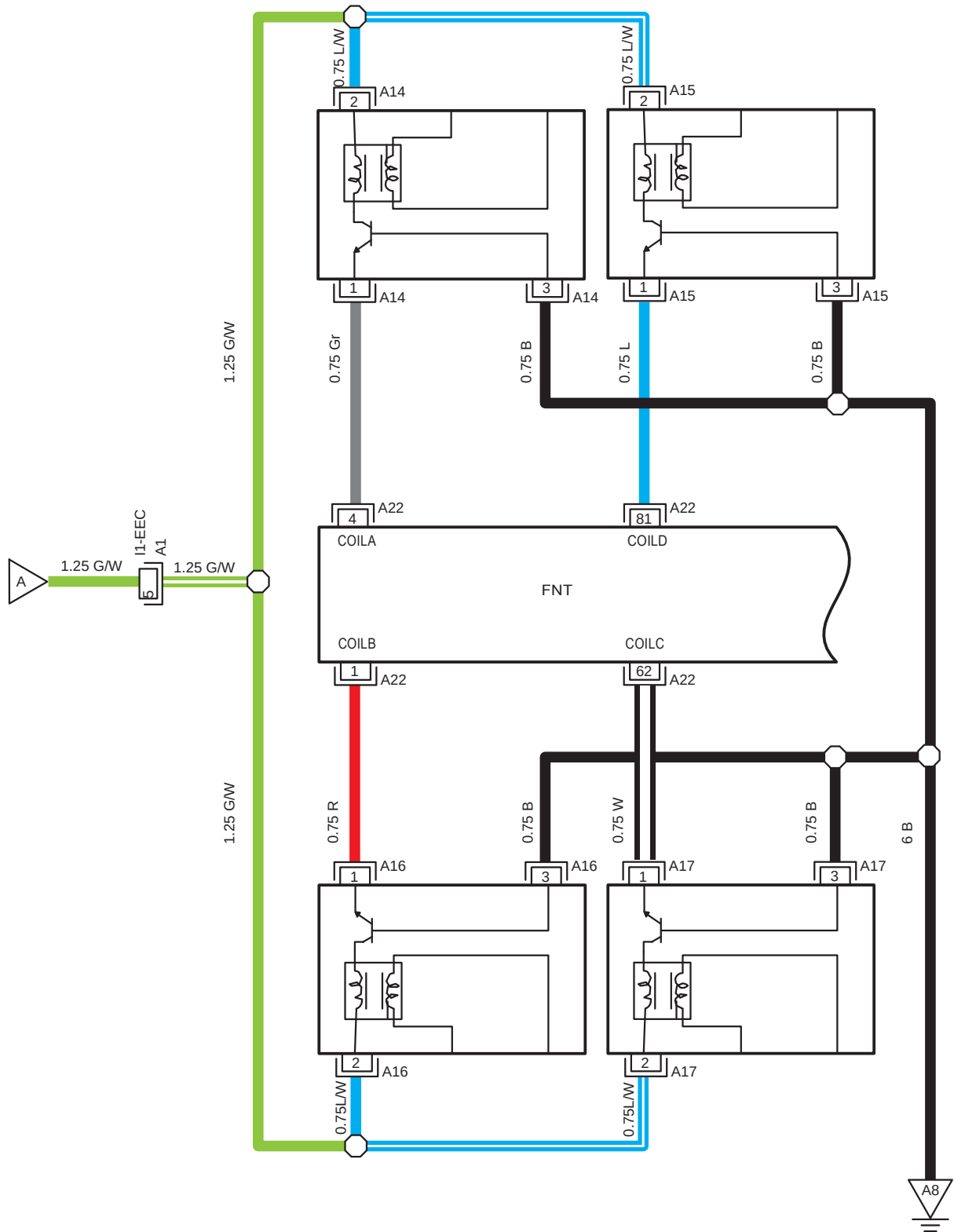
Harness Connector	Instruction	Page Number
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EMS Power Supply, Grounding, Data Line



Harness Connector	Designation	Page Number
A1	Connector 1	22
A2	Connector 2	22
A22	ECU_MT Harness Connector	22
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-EEC	Engine Harness Connecting with Control Harness I	16
I2-EEC	Engine Harness Connecting with Control Harness II	16

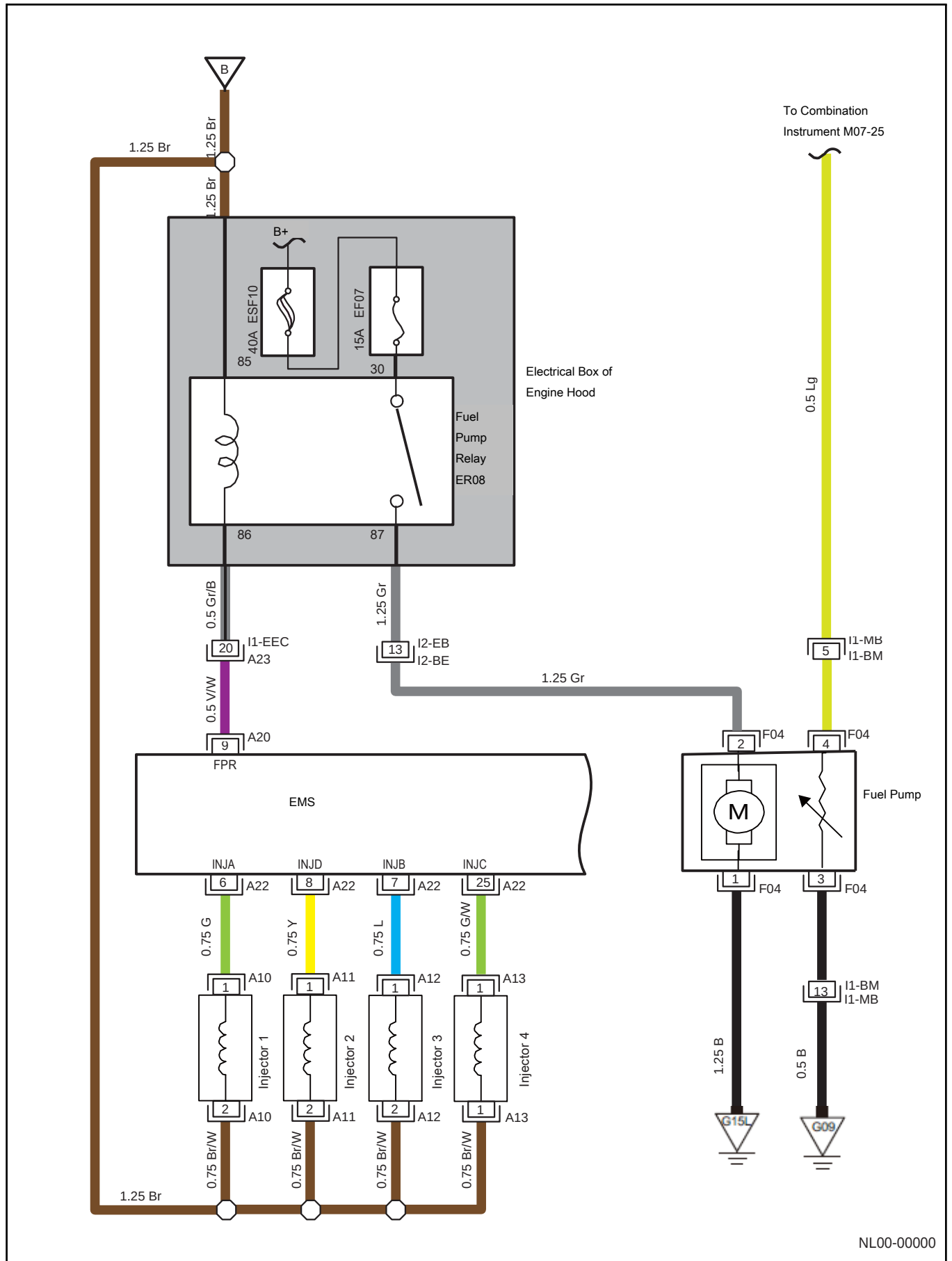
EMS Ignition System



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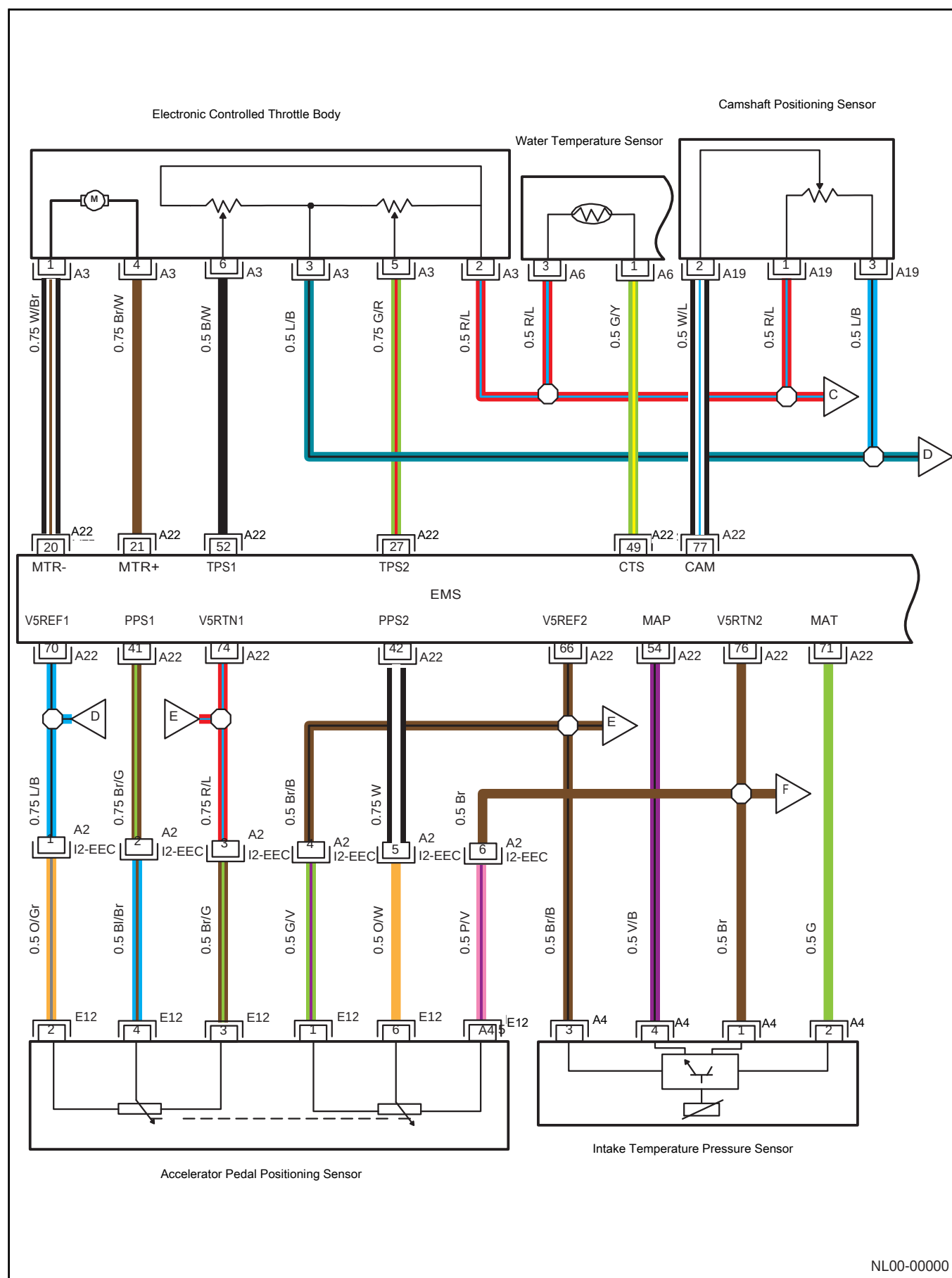
Harness Connector	Designation	Page Number
A1	Connector 1	22
A14	Harness Connector of Ignition Coil 1	22
A15	Harness Connector of Ignition Coil 2	22
A16	Harness Connector of Ignition Coil 3	22
A17	Harness Connector of Ignition Coil 4	22
A22	ECU_MT Harness Connector	22
I1-EEC	Engine Harness Connecting with Control Harness I	16

Fuel Pump, Fuel Injector

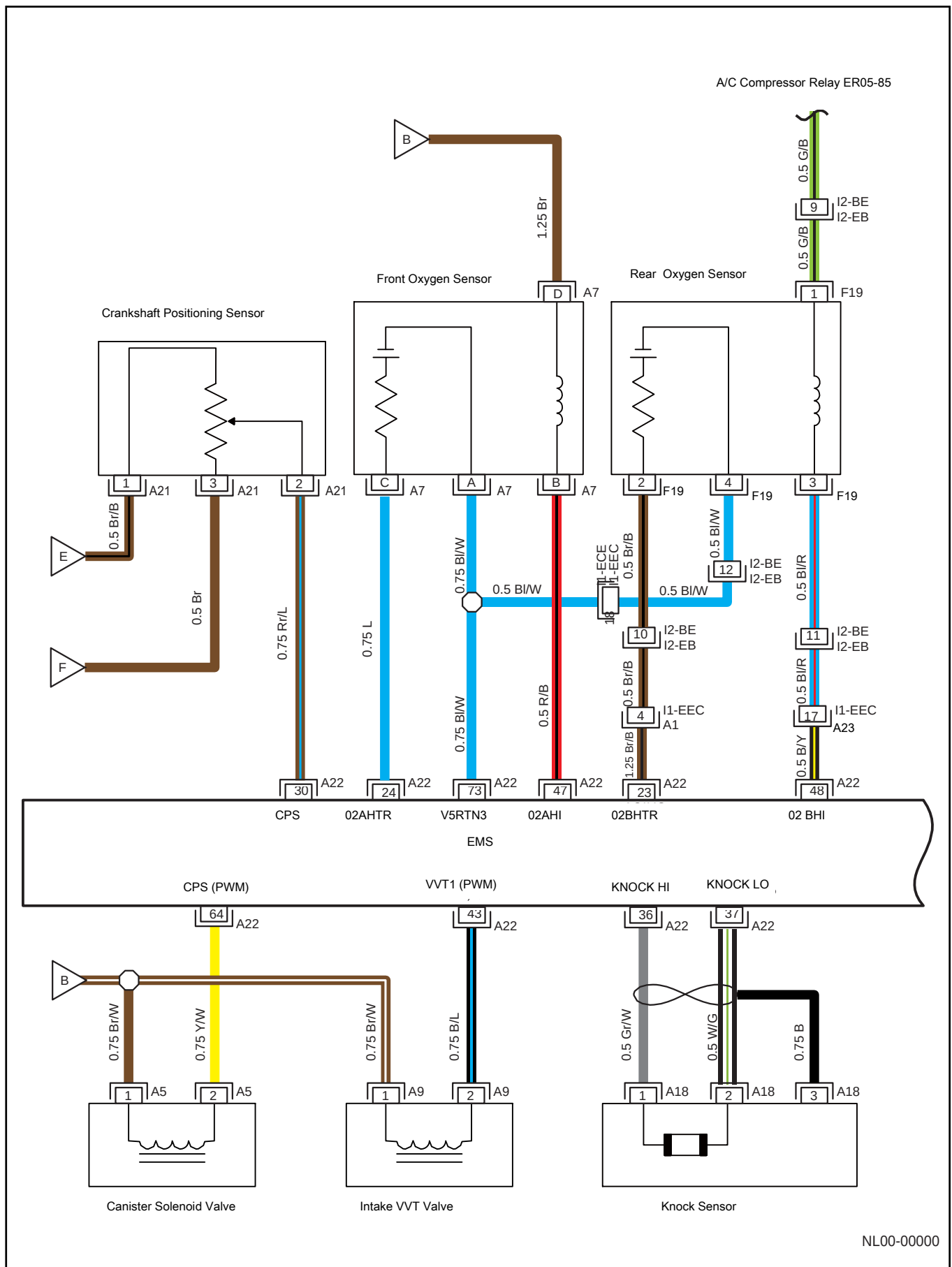


Harness Connector	Designation	Page Number
A10	Harness Connector of Injector 1	22
A11	Harness Connector of Injector 2	22
A12	Harness Connector of Injector 3	22
A13	Harness Connector of Injector 4	22
A20	Harness Connector of Oil Pressure Switch	22
A22	ECU_MT Harness Connector	22
A23	Connector 3	22
F04	Harness Connector of Fuel Pump	35
I1-EEC	Engine Harness Connecting with Control Harness I	16
I2-EB	Engine Connecting with Body Harness II	17
I2-BE	Body Connecting with Engine Harness II	35
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35

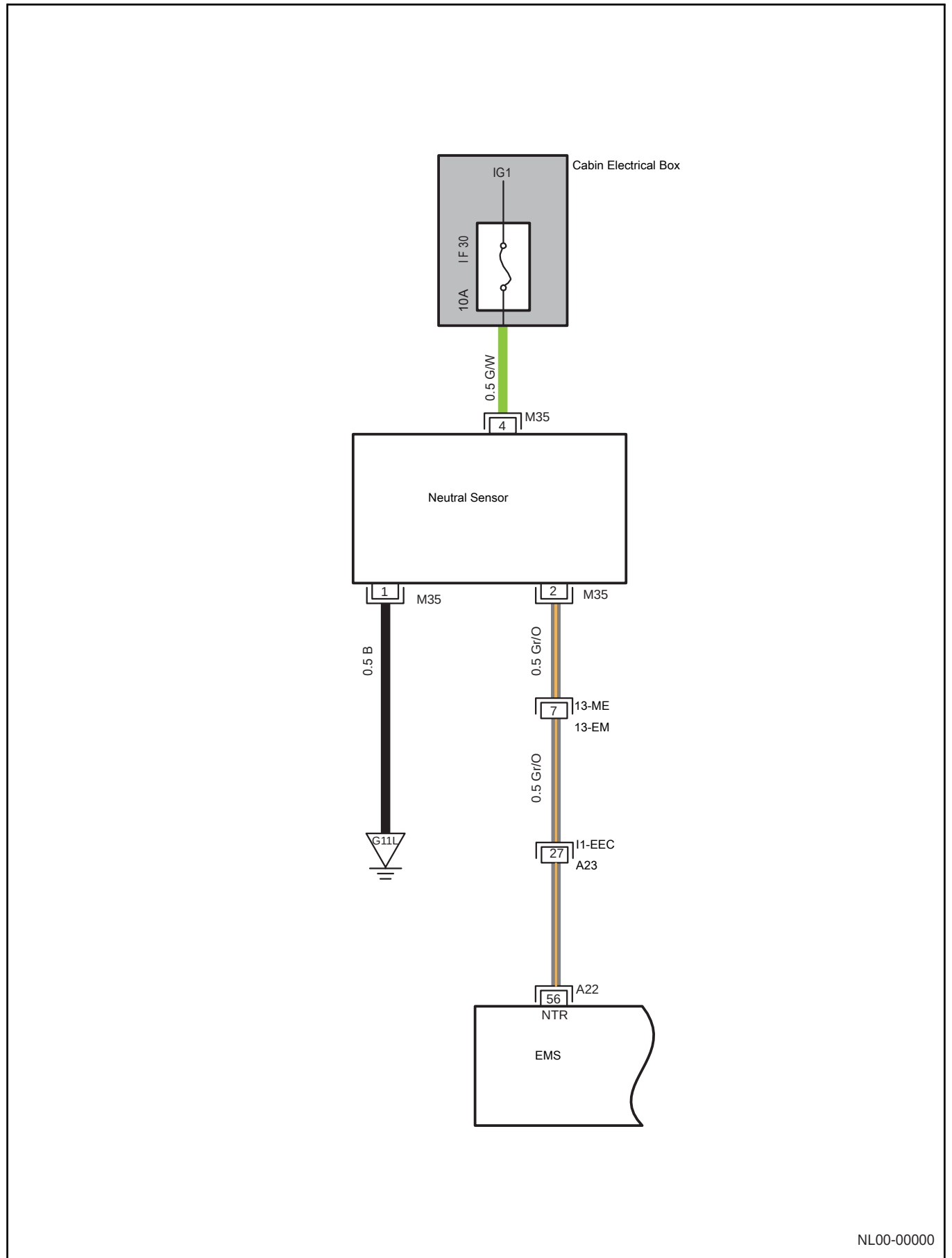
ECM Sensor 1



ECM Sensor 2



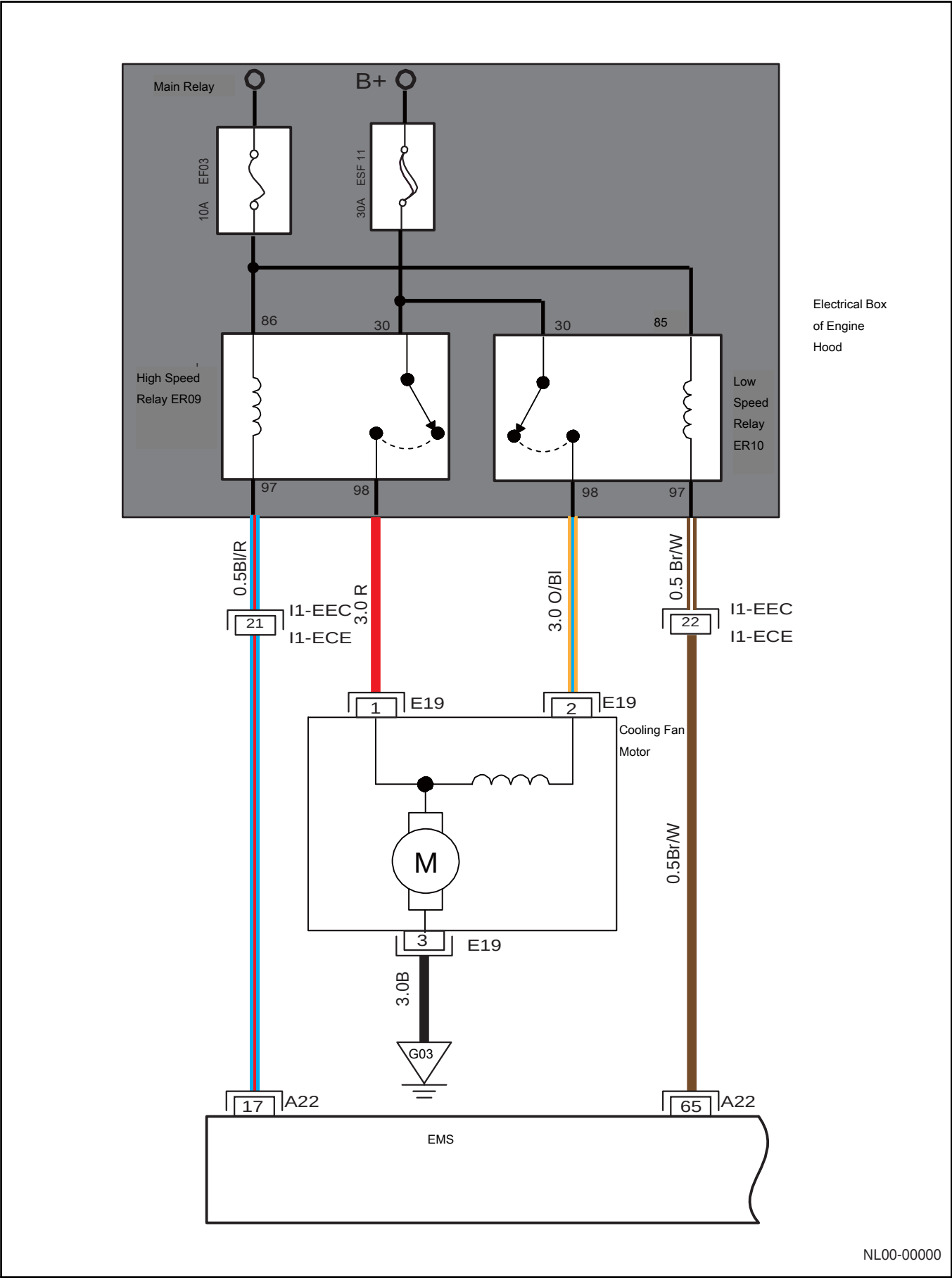
ECM Sensor 3



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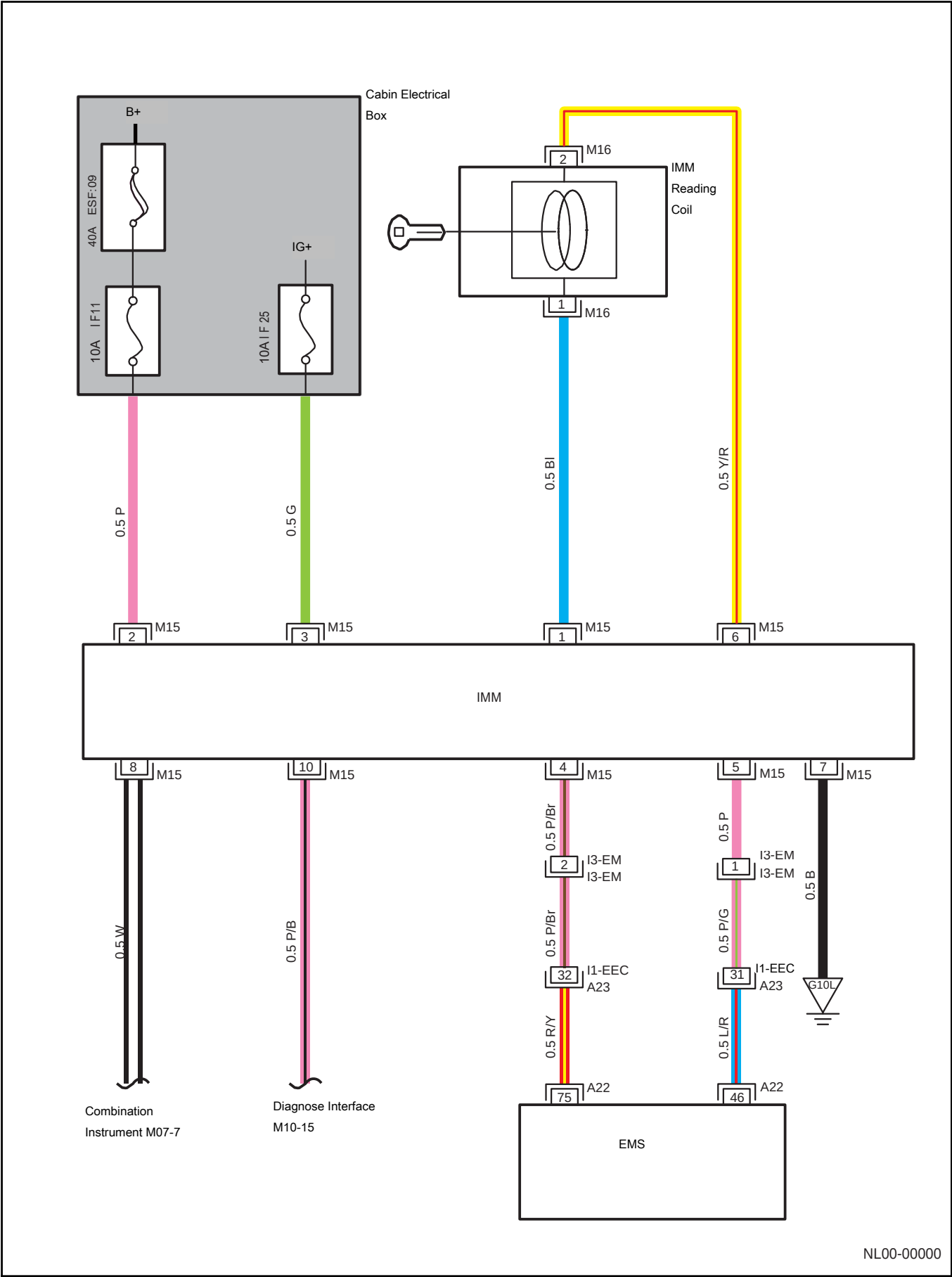
Harness Connector	Designation	Page Number
A1	Connector 1	22
A22	ECU_MT Harness Connector	22
A23	Connector 3	22
B01	Harness Connector of Battery Terminal Positive	13
E01	Harness Connector of Electric Horn	16
E11	Harness Connector of Brake Pedal Switch	17
E14	Harness Connector of Clutch Pedal Switch	17
E15	Harness Connector of A/C Pressure Switch	16
F14	Ignition Switch_ Main Harness Connector	35
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I1-EEC	Engine Harness Connecting with ControlHarness I	35
I1-EM	Engine Harness Connecting with Main Harness I	17
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Cooling Fan Control



Harness Connector	Designation	Page Number
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E19	Harness Connector of Cooling Fan Motor	16
I1-EEC	Engne Harness Connecting with Control Harness I	16
I1-ECE	Engine Harness Connecting with Control Harness I	16

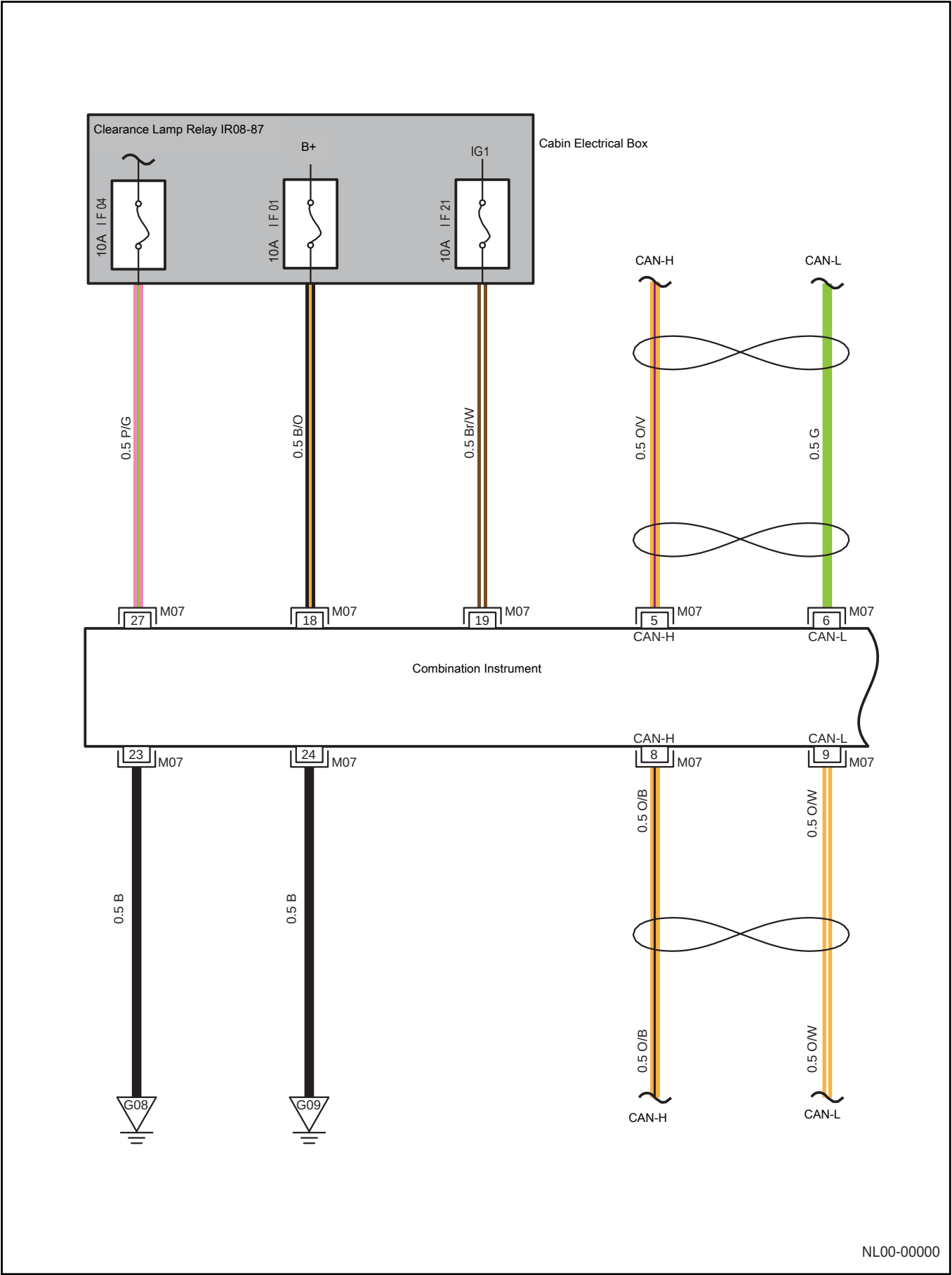
Engine Theft-Proof System



Harness Connector	Designation	Page Number
A22	ECU_MT Harness Connector	22
A23	Connector 3	22
M07	Harness Connector of Combination Instrument C2	25
M10	Diagnose Interface	25
M15	Immobilizer	25
M16	Harness Connector of Anti-Theft Coil	25
I1-EEC	Engine Harness Connecting with Control Harness I	25
I3-ME	Main Harness Connecting with Engine HarnessIII	25
I3-EM	Engine Harness Connecting with Main Harness III	17

Connection Point	Instruction	Page Number
M07-7	IMM M15-2 To Combination Instrument M07-7	97
M10-15	IMM M15-10 To OBD- II M10-15	194

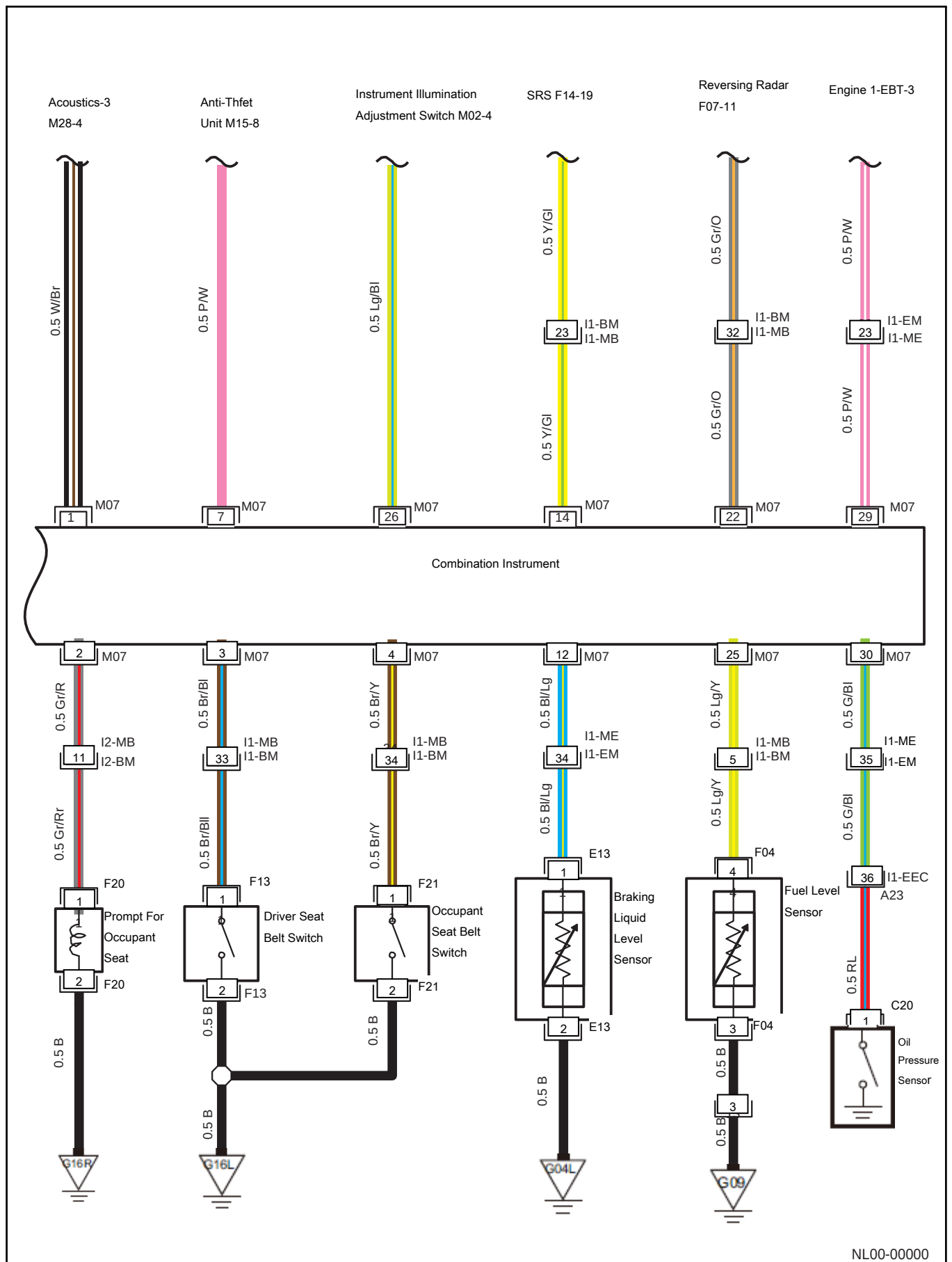
Power Supply of Combination Instrument, Grounding Point, Data Line 1



Harness Connector	Designation	Page Number
M07	Harness Connector of Combination Instrument C2	25
G08	Grounding	57
G09	Grounding	57

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Combination Instrument M07-6	To CAN-L	196
Combination Instrument M07-8	To CAN-H	197
Combination Instrument M07-9	To CAN-L	197

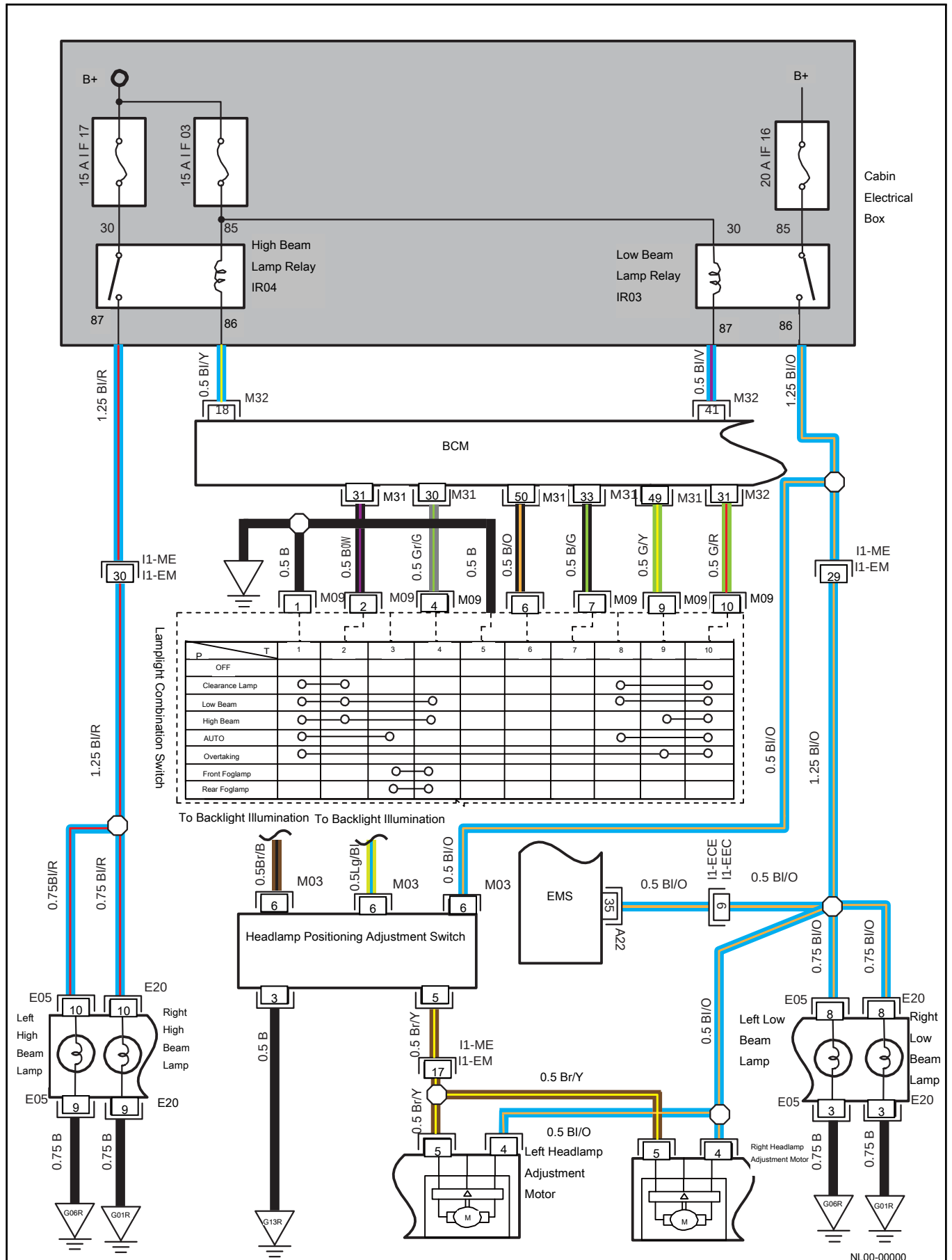
Power Supply of Combination Instrument, Grounding Point, Data Line 1



Harness Connector	Designation	Page Number
A23	Connector 3	22
C20	Harness Connector of Oil Pressure Switch	22
E13	Harness Connector of Braking Oil Reservoir Liquid Level Switch	16
F04	Harness Connector of Fuel Pump	35
F07	Harness Connector of Reversing Radar Module	36
F13	Driver Safety Belt Switch	35
F14	SRS Module 1	35
F20	Prompt Sensor of Occupant Seating	35
F21	Occupant Safety Belt Switch	35
M02	Harness Connector of Dimmer Switch	26
M07	Harness Connector of Combination Instrument C2	25
M15	Immobilizer	35
M28	Audio3 Harness Connector	26
I1-EEC	Engine Harness Connecting with Control Harness I	16
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting with Main Harness II	35

Connection Point	Instruction	Page Number
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M07-7	To Anti-Theft Unit M15-8	93
M07-26	To Instrument Illumination Adjustment Switch M02-4	105
M07-14	To SRS F14-19	164
M07-22	To Reversing Radar F07-11	182/183
M07-29	To Engine 1-EBT-3	75

Headlamp System (H Model)

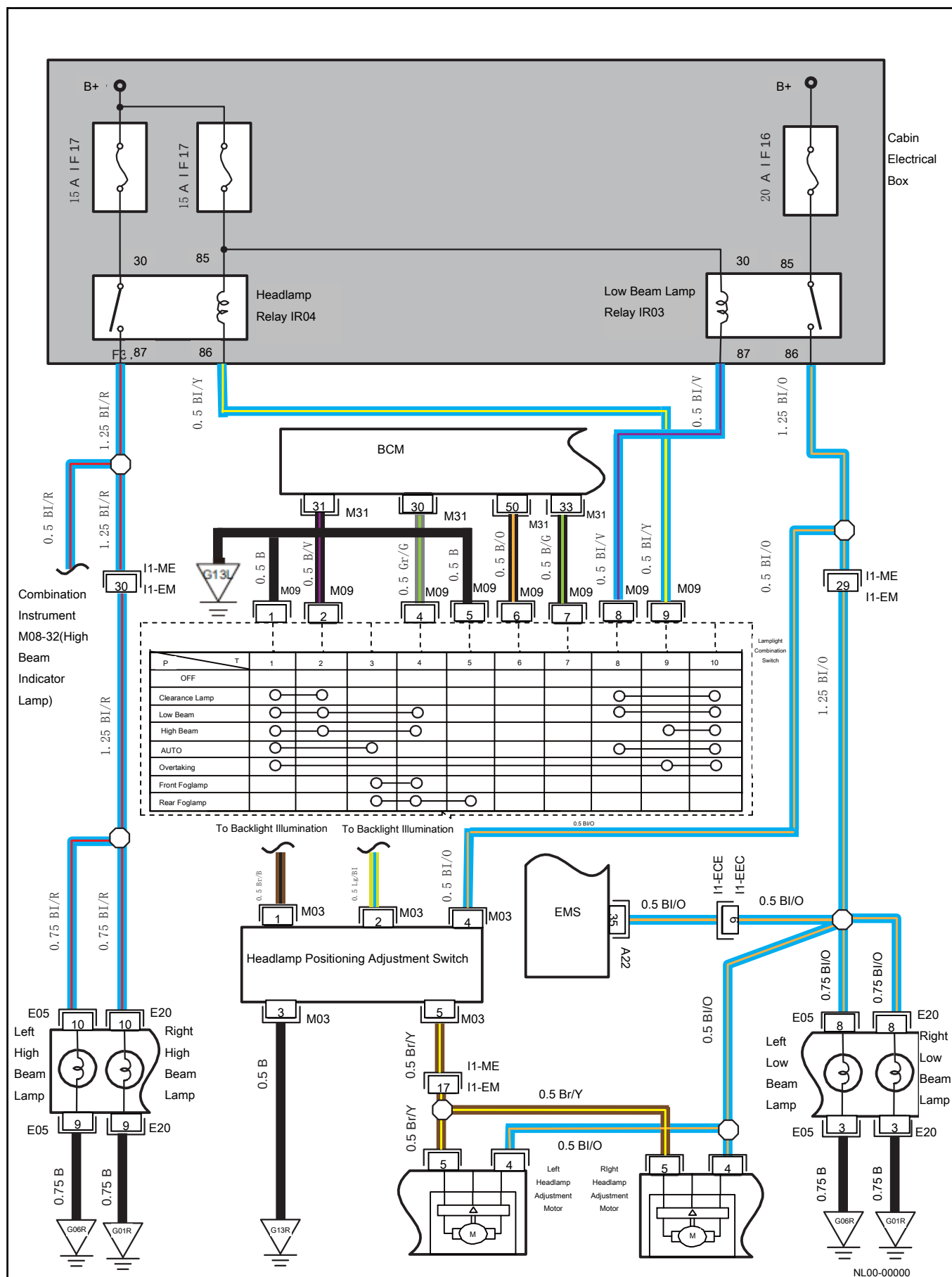


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Harness Connector	Designation	Page Number
M02	Harness Connector of Dimmer Switch	26
M03	Harness Connector of Headlamp Positioning Adjustment Switch	26
M09	Combination Switch - Harness Connector of Lamp	25
M31	Harness Connector of Body Control Module C1	25
M32	Harness Connector of Body Control Module C2	26
E05	Harness Connector of Left Front Combination Lamp	16
E20	Harness Connector of Right Front Combinaton Lamp	16
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
G06R	Grounding	56
G13R	Grounding	57
G01R	Grounding	56
G13L	Grounding	57

Connection Point	Instruction	Page Number
M03-2	To Illumination Adjustment Switch M02-5	105

Refine S2



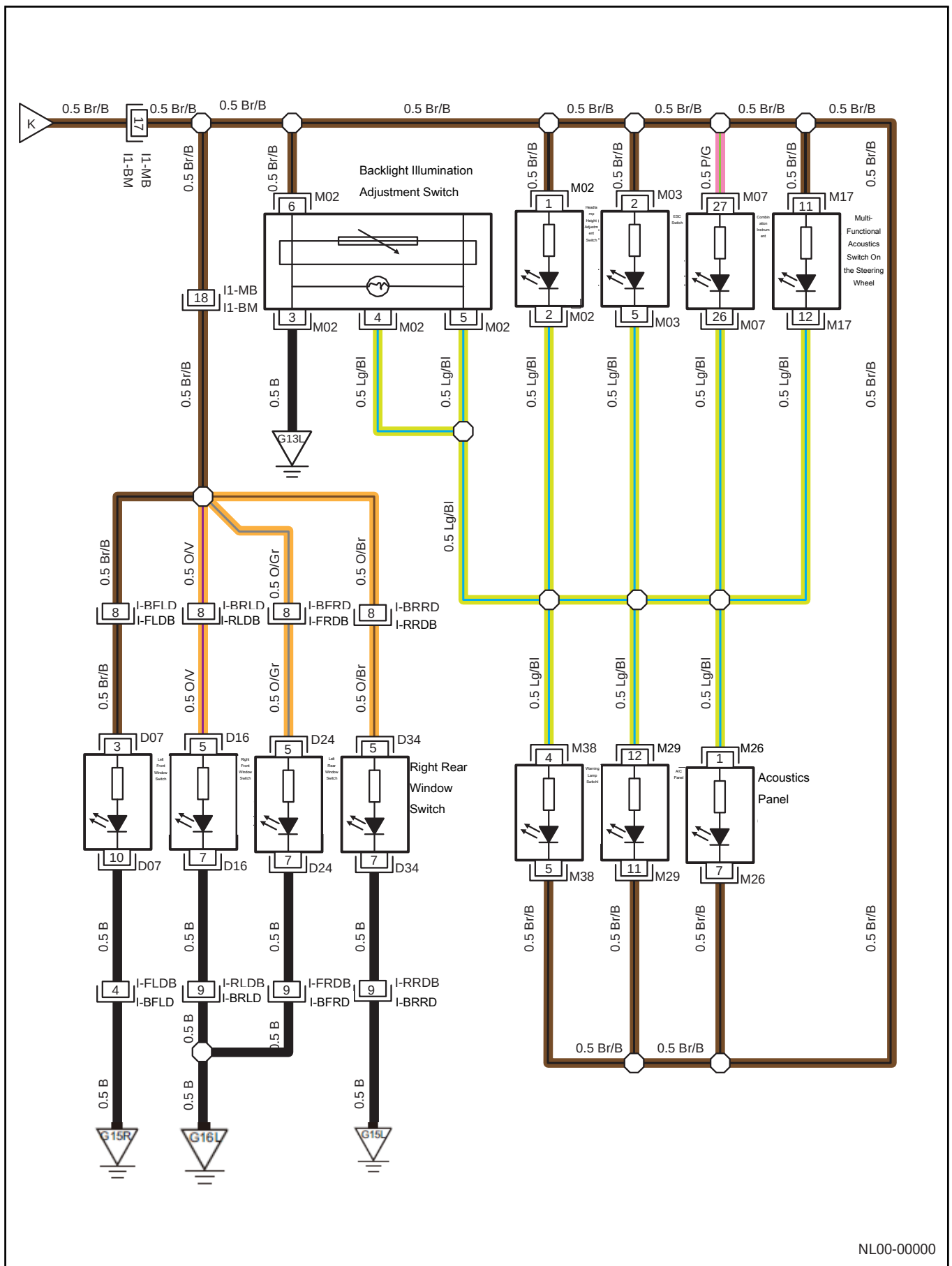
Harness Connector	Designation	Page Number
M02	Harness Connector of Dimmer Switch	26
M03	Harness Connector of Headlamp Positioning Adjustment Switch	26
M09	Combination Switch - Harness Connector of Lamp	25
M31	Harness Connector of Body Control Module C1	26
E05	Harness Connector of Left Front Combination Lamp	16
E20	Harness Connector of Right Front Combination Lamp	16
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
G06R	Grounding	56
G13R	Grounding	57
G01R	Grounding	56
G13L	Grounding	57

Connection Point	Instruction	Page Number
M03-2	To Illumination Adjustment Switch M02-5	105



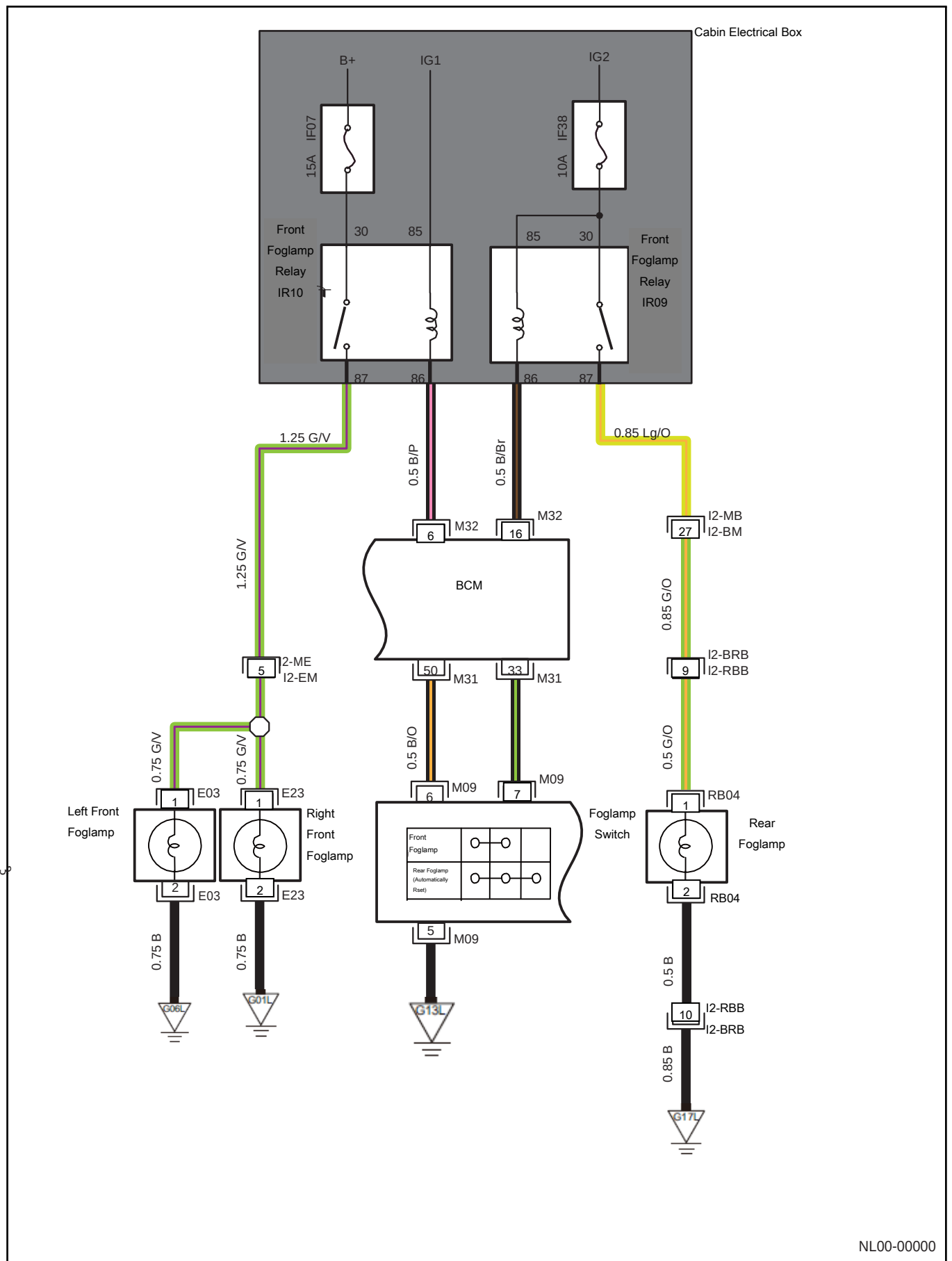
Harness Connector	Designation	Page Number
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
M09	Combination Switch - Harness Connector of Lamp	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25
E05	Harness Connector of Left Front Combination Lamp	16
F09	Harness Connector of Left Rear Combination Lamp	36
I2-EXTB	Tail-Gate Transition Harness Connecting with Body Harness II	46
I2-BEXT	Body Harness Connecting with Tail-Gate Transition Harness II	35
I-BRB	Body Connecting with Reversing Radar Harness	35
I-RBB	Reversing Radar Harness Connecting with Body Harness	52
RB02	Harness Connector of Left License Plate Lamp	52
I2-EXTT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II	46
I2-TEXT	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II	45
E20	Harness Connector of Right Front Combination Lamp	16
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
F28	Harness Connector of Right Rear Combination Lamp	35
RB05	Harness Connector of Right License Plate Lamp	52
G13L	Grounding	57
G06R	Grounding	56
G15R	Grounding	58
G19	Grounding	58
G21R	Grounding	59
G01R	Grounding	56
G18	Grounding	58

Back Lighting



Harness Connector	Designation	Page Number
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
I-BFLD	Body Connecting with Left Front Door Harness	35
I-FLDB	Left Front Door Connecting with Body Harness	42
D07	Main Switch of Left Front Window	42
I-BRLD	Body Connecting with Left Rear Door Harness	36
I-RLDB	Left Rear Door Connecting with Body Harness	42
D16	Harness Connector of Right Front Window Switch	43
I-BFRD	Body Connecting with Right Front Door Harness	35
I-FRDB	Right Front Door Connecting with Body Harness	43
D24	Harness Connector of Left Rear Window Switch	42
I-BRRD	Body Connecting with Right Rear Door Harness	36
I-RRDB	Right Rear Door Connecting with Body Harness	43
D34	Harness Connector of Right Rear Window Switch	43
M02	Harness Connector of Dimmer Switch	26
M03	Harness Connector of Headlamp Positioning Adjustment Switch	26
M07	Harness Connector of Combination Instrument C2	25
M17	Clock Spring_Harness Connector of Horn	26
M26	Audio1 Harness Connector	26
M29	A/C Control Panel_Control Harness Connector	26
M38	Harness Connector of Hazard Warning Lamp Switch	25
G15R	Grounding	58
G16L	Grounding	58
G15L	Grounding	58
G13L	Grounding	57

Fog Lamp

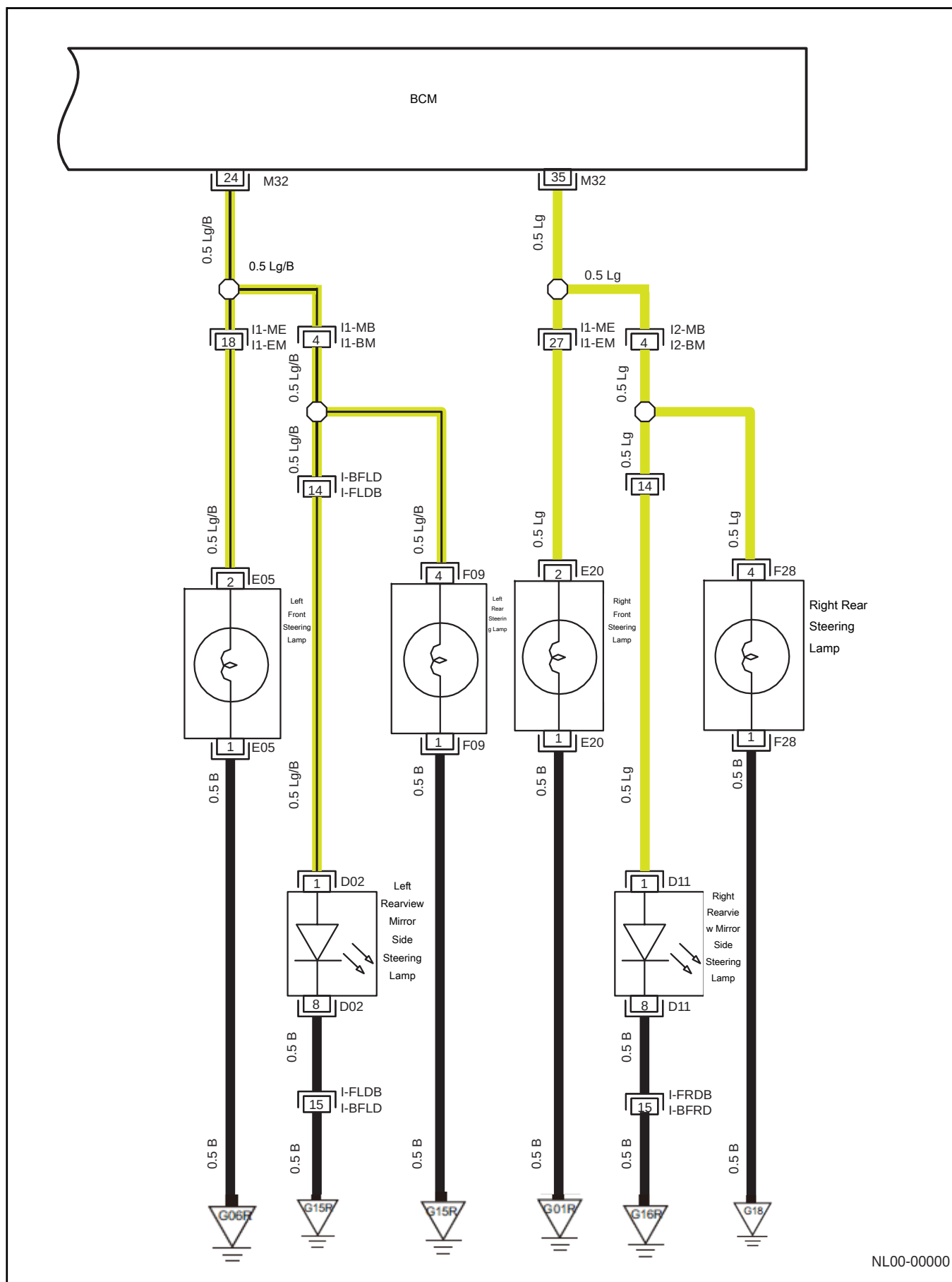


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Harness Connector	Designation	Page Number
I2-EM	Engine Harness Connecting with Main Harness II	17
I1-BM	Body Connecting with Main Harness I	35
I2-ME	Main Harness Connecting with Engine Harness II	25
I1-MB	Main Harness Connecting with Body Harness I	25
I-RBB	Reversing Radar Harness Connecting with Body Harness	52
I-BRB	Body Connecting with Reversing Radar Harness	35
RB04	Rear Foglamp	52
E03	Harness Connector of Left Front Foglamp	16
E23	Harness Connector of Right Front Foglamp	16
M09	Combination Switch - Harness Connector of Lamp	25
M31	Harness Connector of Body Control Module C1	25
M32	Harness Connector of Body Control Module C2	26
G01L	Grounding	56
G06L	Grounding	56
G13L	Grounding	57
G17L	Grounding	58

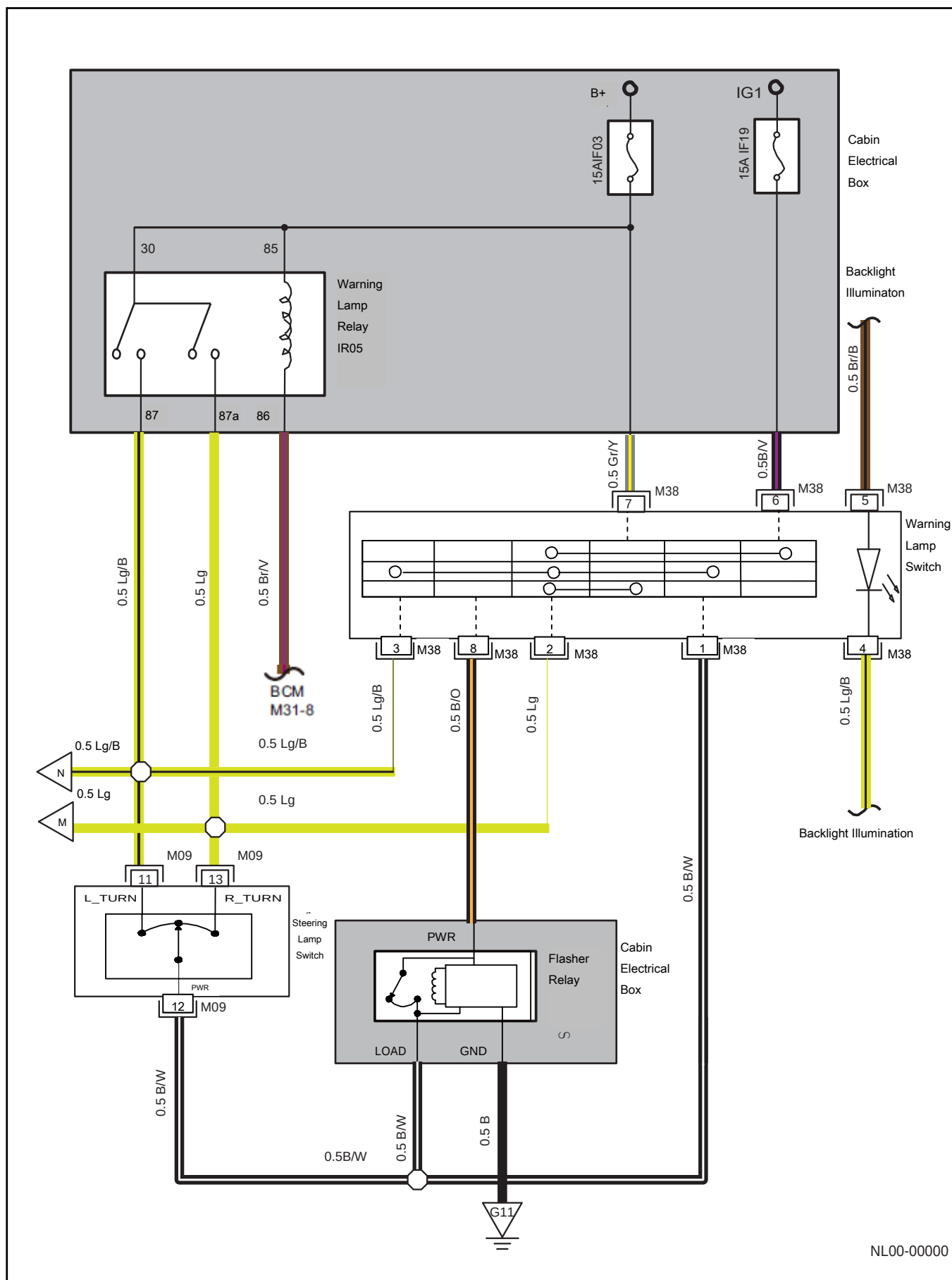


Steering Lamp, Hazard Warning Lamp 2(H Model)

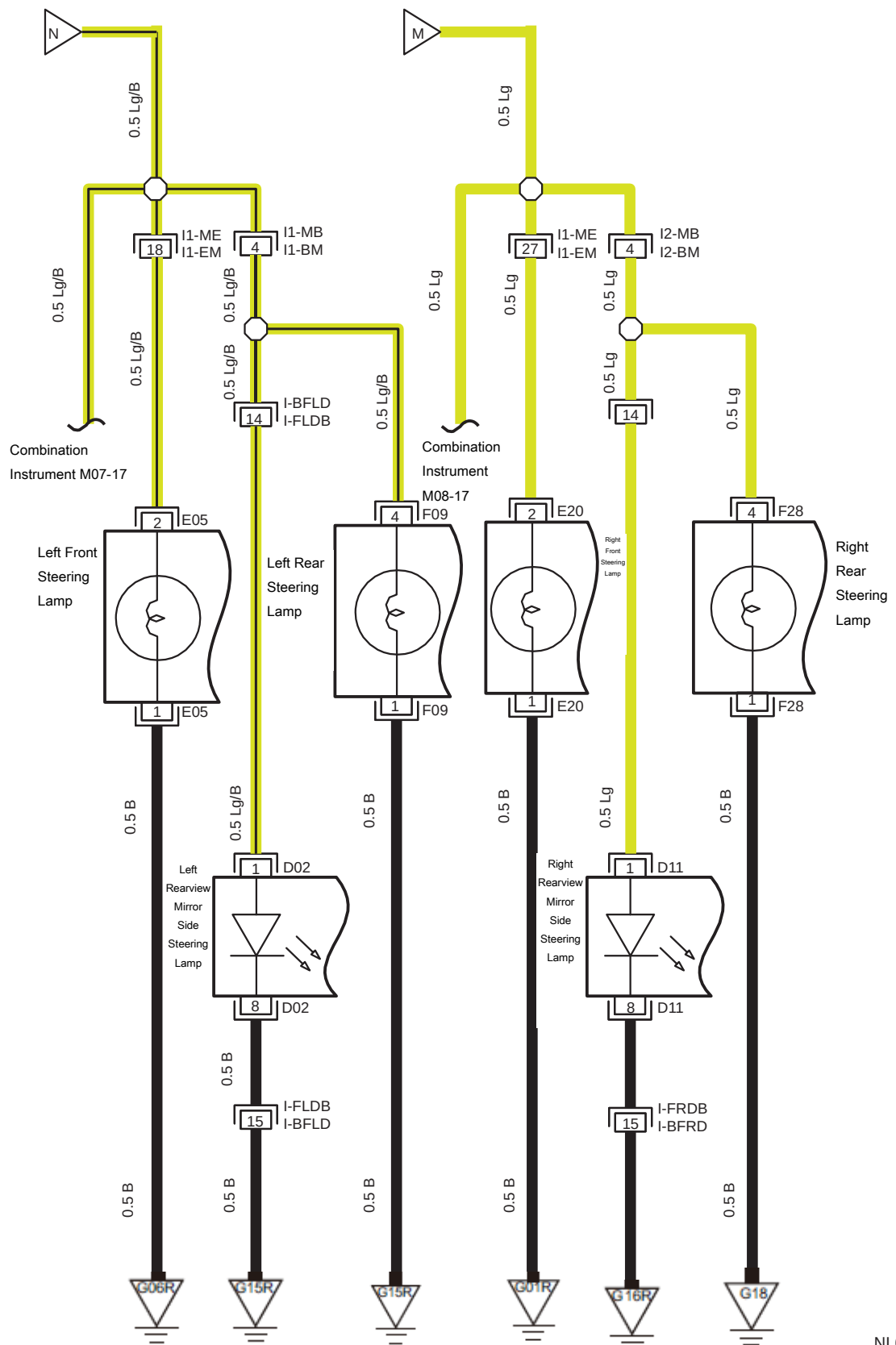


Harness Connector	Designation	Page Number
M09	Combination Switch - Harness Connector of Lamp	25
M31	Harness Connector of Body Control Module C1	25
M32	Harness Connector of Body Control Module C2	26
M38	Harness Connector of Hazard Warning Lamp Switch	25
G11L	Grounding	57
M32	Harness Connector of Body Control Module C2	26
E05	Harness Connector of Left Front Combination Lamp	16
F09	Harness Connector of Left Rear Combination Lamp	36
D02	Harness Connector of Left Rearview Mirror	42
D11	Harness Connector of Right Rearview Mirror	43
E20	Harness Connector of Right Front Combination Lamp	16
F28	Harness Connector of Right Rear Combination Lamp	35
M07	Harness Connector of Combination Instrument C2	25
G18	Grounding	58
G06R	Grounding	56
G15R	Grounding	58
G01R	Grounding	56
G16R	Grounding	58
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I-BFLD	Body Connecting with Left Front Door Harness	35
I-FLDB	Left Front Door Harness Connecting with Body Harness	42
I-BFRD	Body Connecting with Right Front Door Harness	35
I-FRDB	Right Front Door Harness Connecting with Body Harness	43

Steering Lamp, Hazard Warning Lamp 1(L Model)



Steering Lamp, Hazard Warning Lamp 2(H Model)

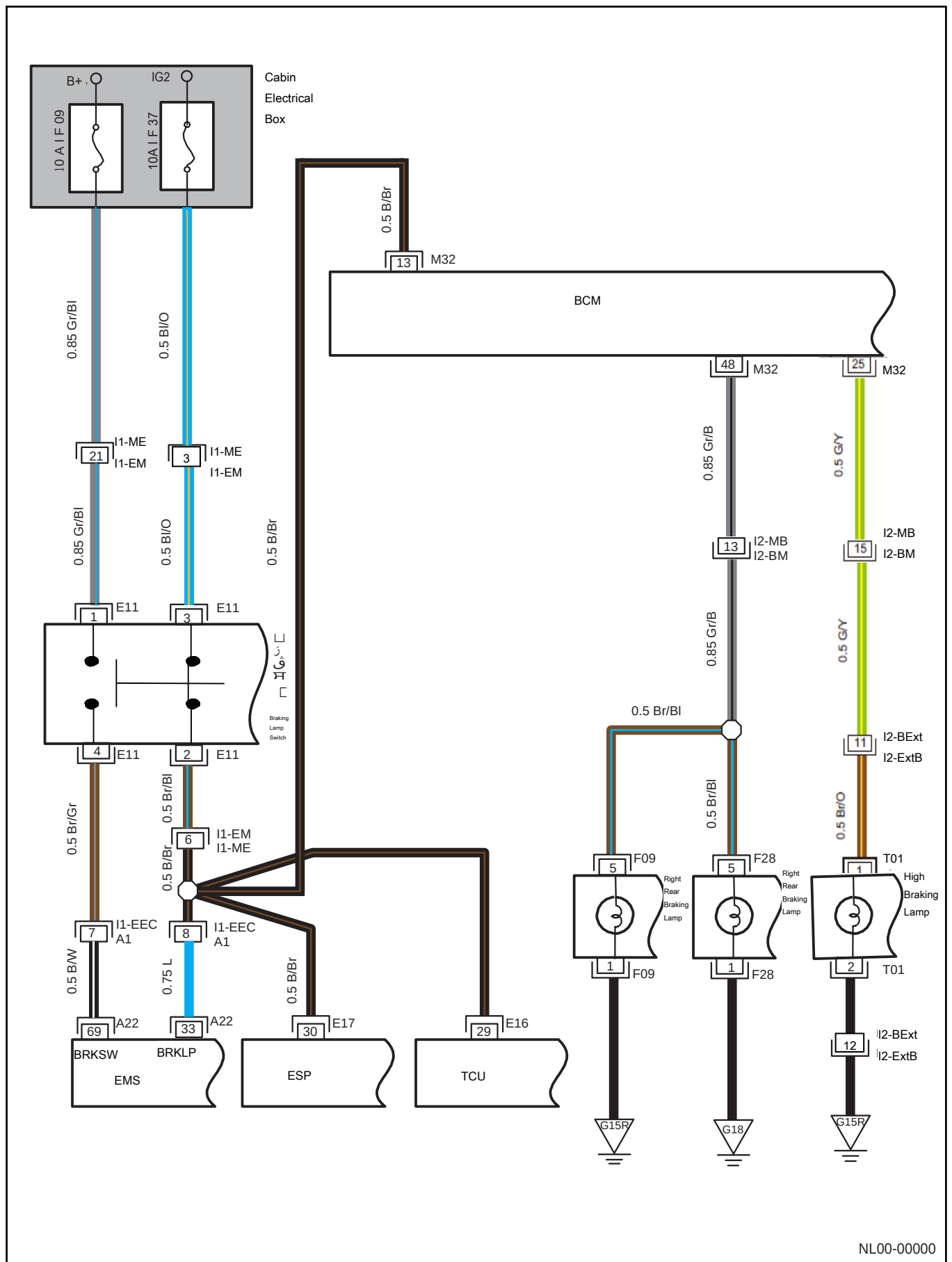


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Harness Connector	Designation	Page Number
E05	Harness Connector of Left Front Combination Lamp	16
F09	Harness Connector of Left Rear Combination Lamp	36
E20	Harness Connector of Right Front Combination Lamp	16
F28	Harness Connector of Right Rear Combination Lamp	35
D02	Harness Connector of Left Rearview Mirror	42
D11	Harness Connector of Right Rearview Mirror	43
M07	Harness Connector of Combination Instrument C2	25
M09	Combination Switch - Harness Connector of Lamp	25
M38	Harness Connector of Hazard Warning Lamp Switch	25
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting with Main Harness II	35
I-BFLD	Body Connecting with Left Front Door Harness	35
I-FLDB	Left Front Door Harness Connecting with Body Harness	42
I-BFRD	Body Connecting with Right Front Door Harness	35
G11	Grounding	57
G18	Grounding	58
G06R	Grounding	56
G15R	Grounding	58
G01R	Grounding	56
G16R	Grounding	58

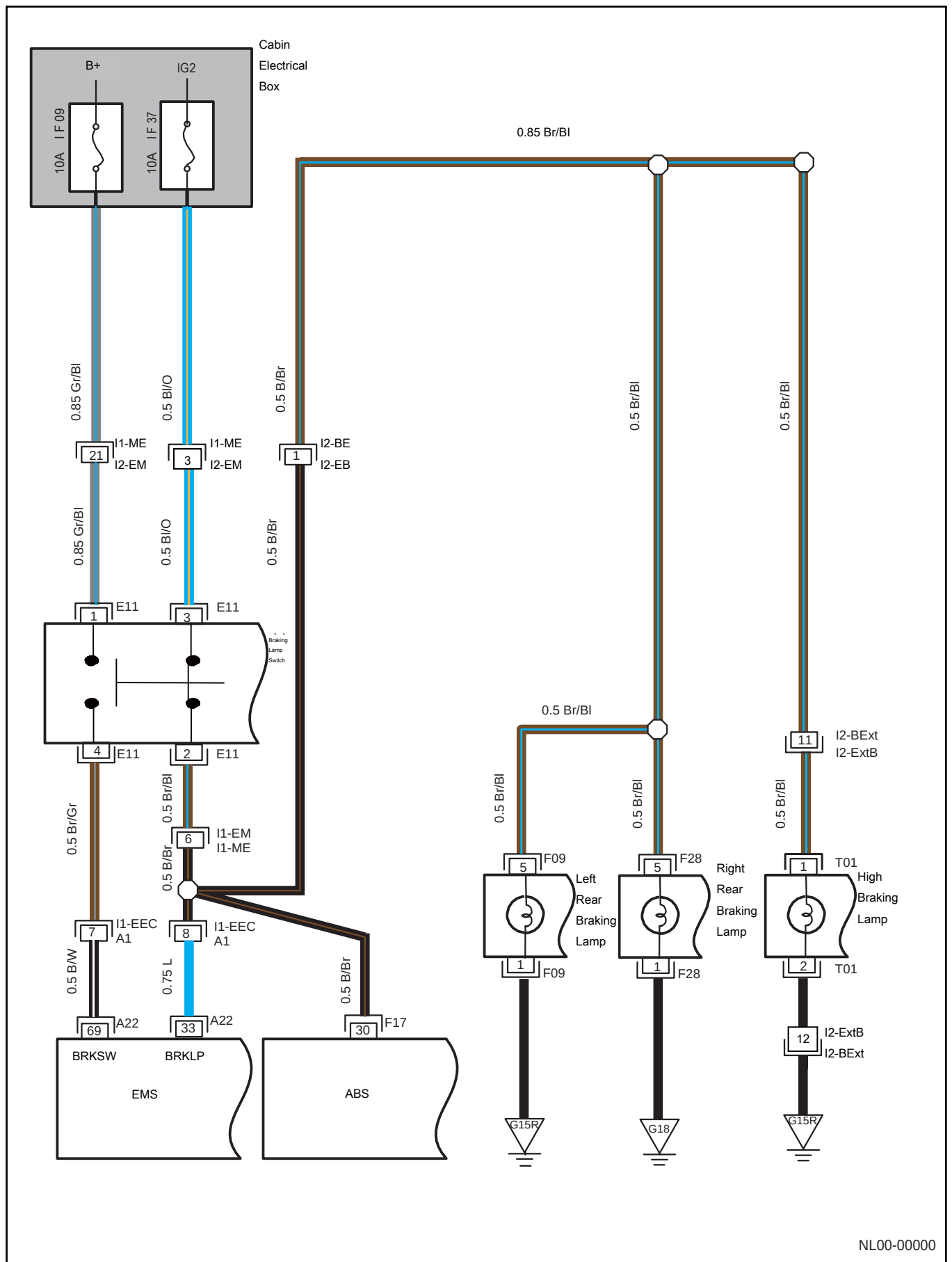
Connection Point	Instruction	Page Number
M38-4	To Back Lighting	105
M38-5	To Back Lighting	105
IR05-86 Warning Lamp Relay	至 BCM M31-8	131

Braking Lamp(H Model)



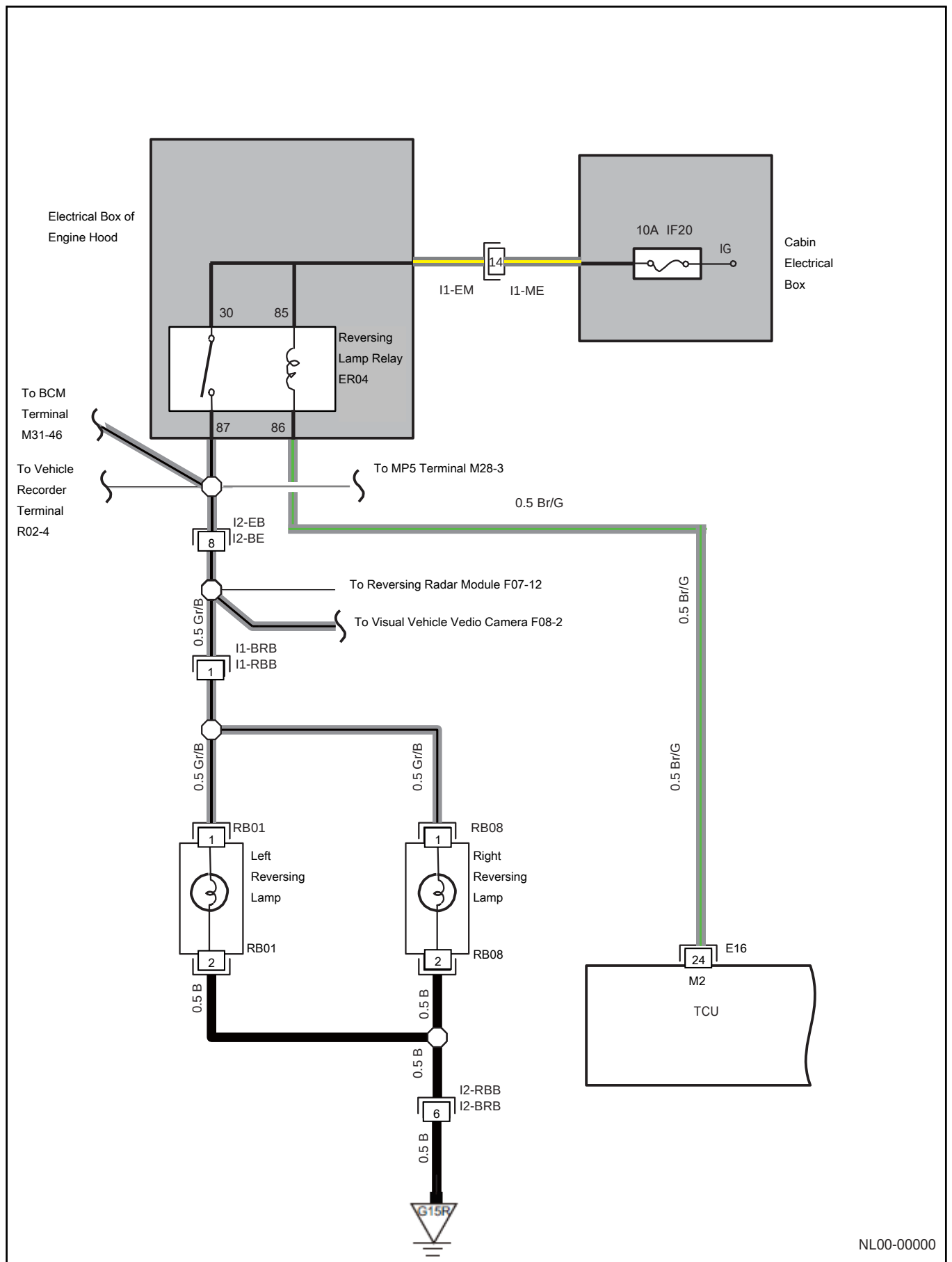
Harness Connector	Designation	Page Number
E11	Harness Connector of Brake Pedal Switch	17
A22	ECU Harness Connector	22
F17	Harness Connector of Tire Pressure Monitoring Module	35
M32	Harness Connector of Body Control Module C2	26
F09	Harness Connector of Left Rear Combination Lamp	36
F28	Harness Connector of Right Rear Combination Lamp	35
T01	Harness Connector of High Braking Lamp	46
G18	Grounding	58
G15R	Grounding	58
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Harness Connecting with Main Harness II	35
I1-EEC	Engine Harness Connecting with Control Harness I	16
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II	35
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II	46

Braking Lamp(L Model)



Harness Connector	Designation	Page Number
E11	Harness Connector of Brake Pedal Switch	17
A22	ECU Harness Connector	22
F17	Harness Connector of Tire Pressure Monitoring Module	35
F09	Harness Connector of Left Rear Combination Lamp	36
F28	Harness Connector of Right Rear Combination Lamp	35
T01	Harness Connector of High Braking Lamp	46
G18	Grounding	58
G15R	Grounding	58
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-BE	Body Connecting with Engine Harness II	35
I2-EB	Engine Connecting with Body Harness II	17
I1-EEC	Engine Harness Connecting with Control Harness I	16
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II	35

Reversing Lamp(H Model)

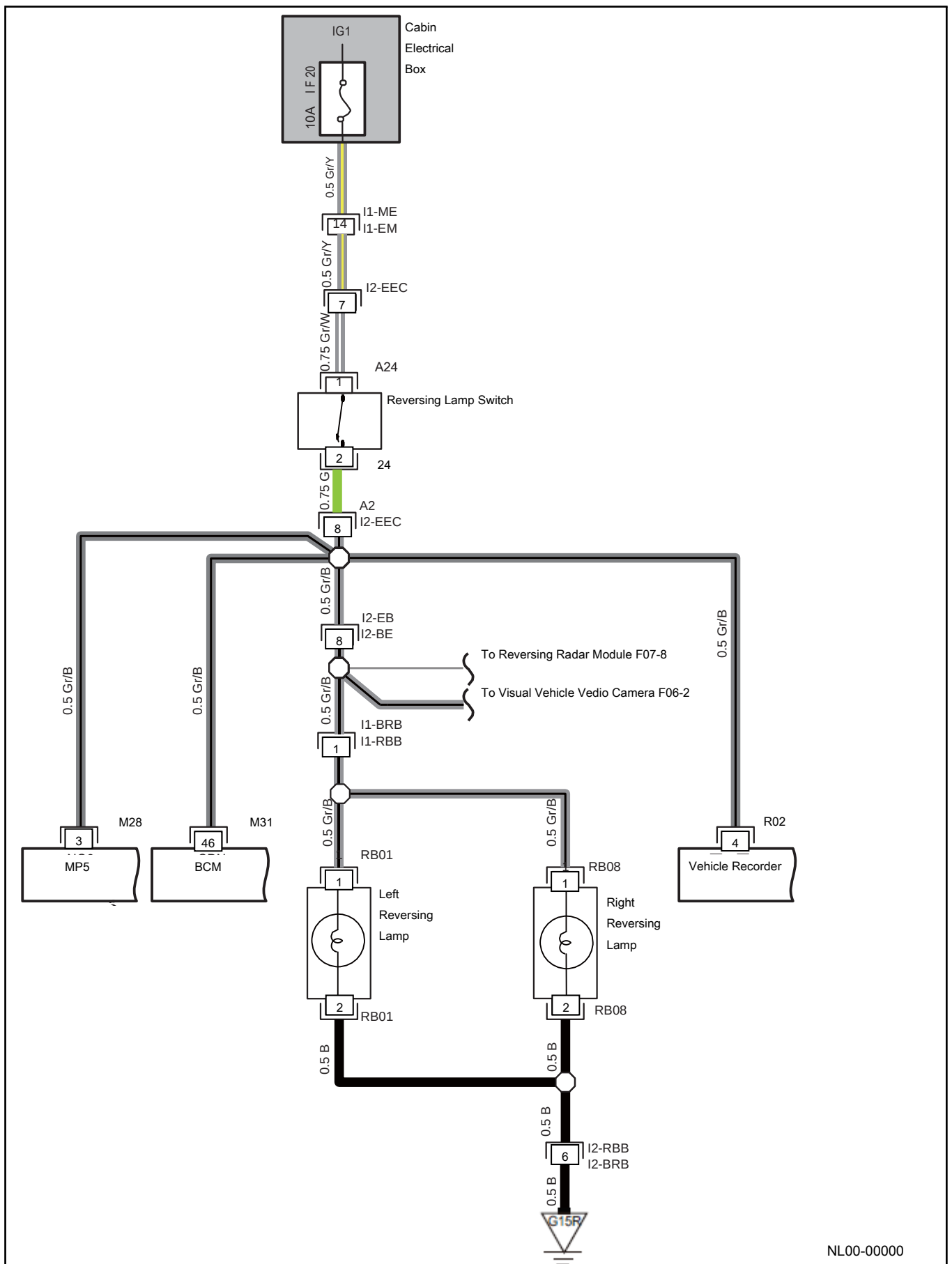


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Harness Connector	Designation	Page Number
A22	Harness Connector of ECU	22
A2	Connector 2	22
A24	Harness Connector of Reversing Lamp Switch	22
RB01	Harness Connector of Left Reversing Lamp	52
RB08	Harness Connector of Right Reversing Lamp	52
G15R	Grounding	58
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-BE	Body Connecting with Engine Harness II	35
I2-EB	Engine Connecting with Body Harness II	17
I2-EEC	Engine Harness Connecting with Control Harness II	16
I1-BRB	Body Connecting with Reversing Radar Harness	35
I1-RBB	Reversing Radar Harness Connecting with Body Harness	52

Connection Point	Instruction	Page Number
A24-2	To Reversing Radar Module F07-8	182/183
	To Visual Reversing Vehicle Camera F08-2	182/183

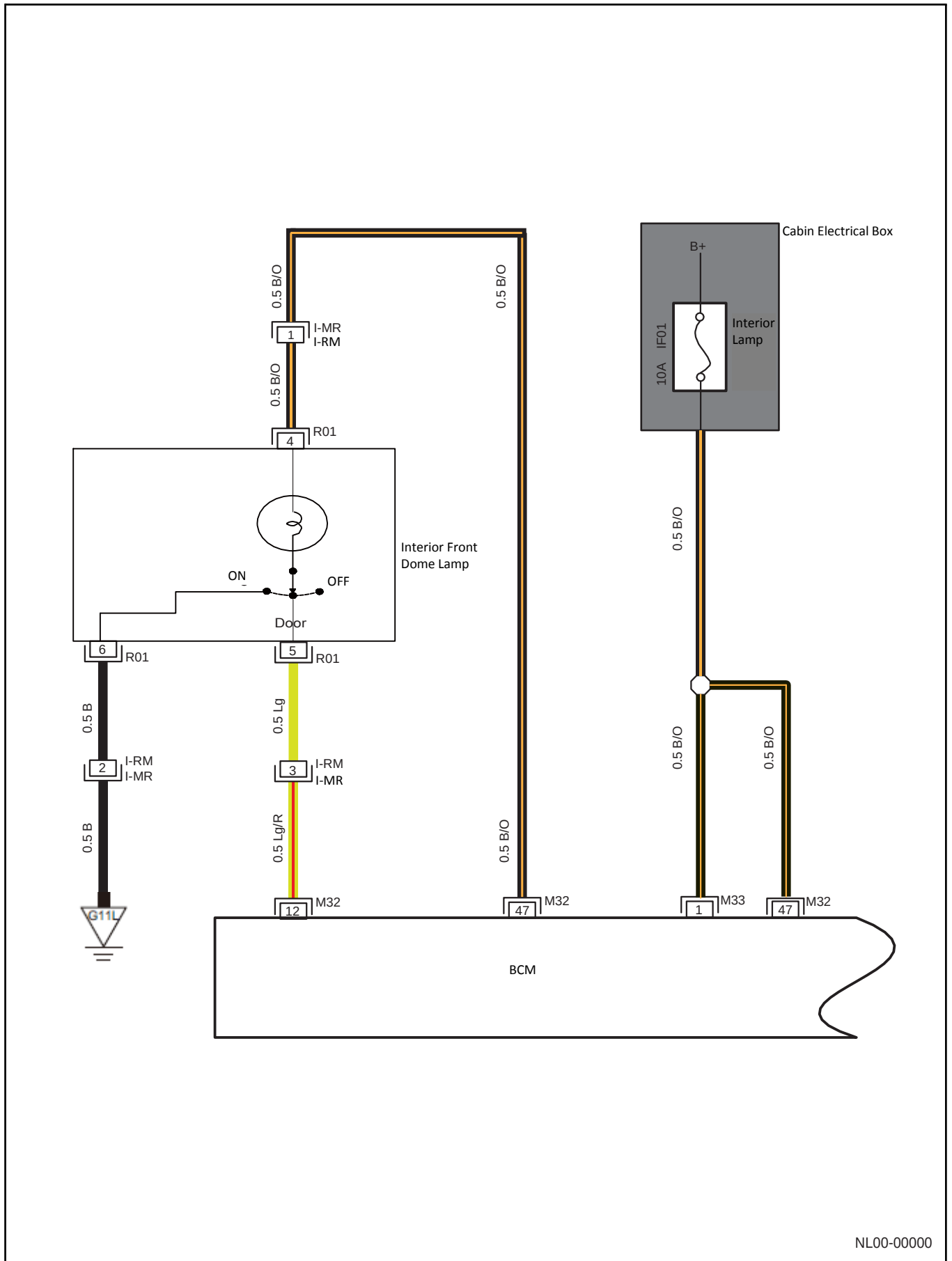
Reversing Lamp(H Model)



Harness Connector	Designation	Page Number
M07	Harness Connector of Combination Instrument C2	25
F07	Harness Connector of Reversing Radar Module	35
RB03	Reversing Radar Sensor On the Left Side	52
RB06	Reversing Radar Sensor In the Middle	52
RB07	Reversing Radar Sensor On the Right Side	52
G19	Grounding	58
F08	Harness Connector of Visual Reversing Vehicle Camera	35
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I2-EB	Engine Connecting with Body Harness II	17
I2-BE	Body Connecting with Engine Harness II	35
I-BRB	Body Connecting with Reversing Radar Harness	35
I-RBB	Reversing Radar Harness Connecting with Body Harness	52
I3-MB	Main Harness Connecting with Body Harness III	25
I3-BM	Body Connecting with Main HarnessIII	35

Connection Point	Instruction	Page Number
F08-2	To Reversing Lamp Switch	182/183
F08-5	To Speaker M28-2	182/183
F08-6	To Speaker M28-1	182/183
F07-8	To Reversing Lamp	182/183

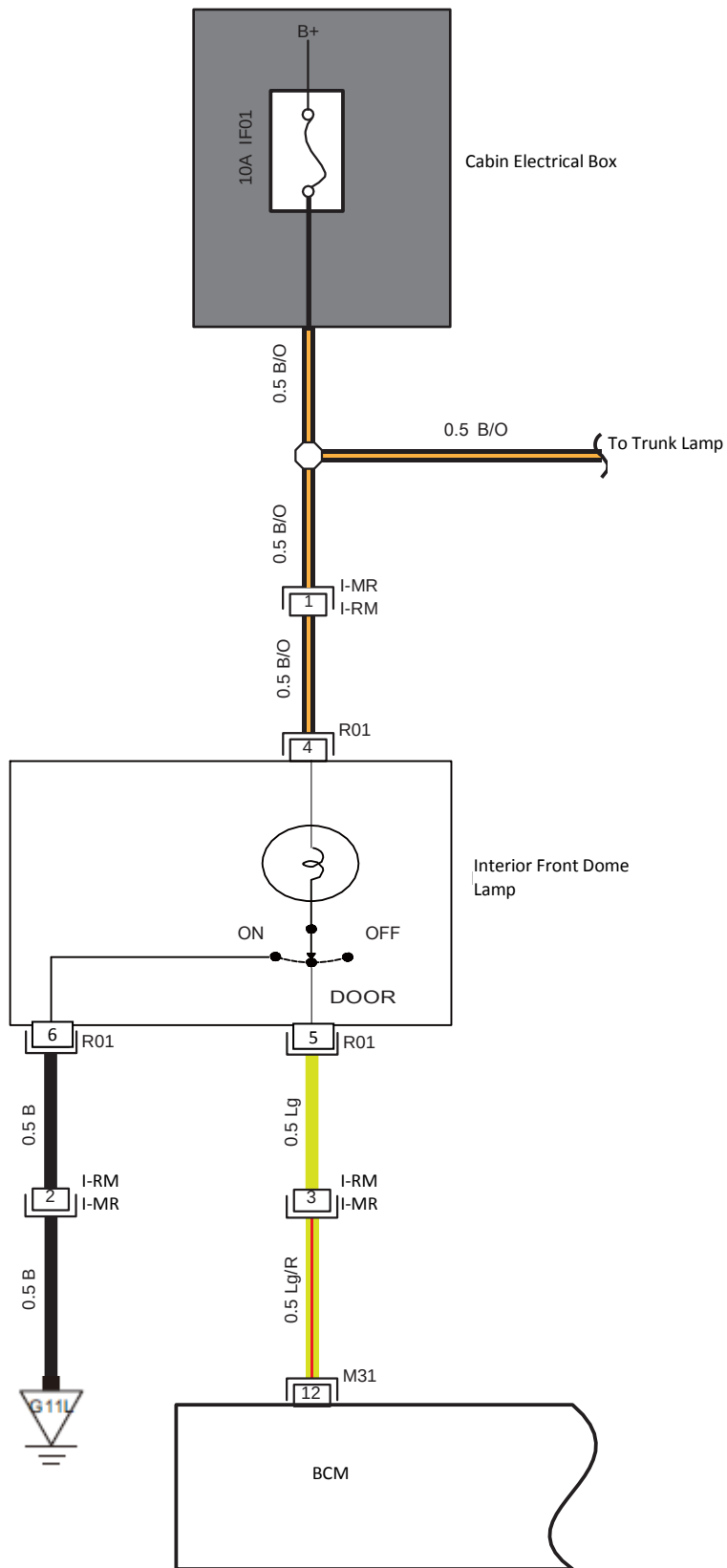
Ceiling Lamp (H Model)



NL00-00000

Harness Connector	Designation	Page Number
R01	Front Dome Lamp	32
I-RM	Ceiling Harness Connecting with Main Harness	32
I-MR	Main Harness Connecting with Ceiling Harness	25
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
G11L	Grounding	57

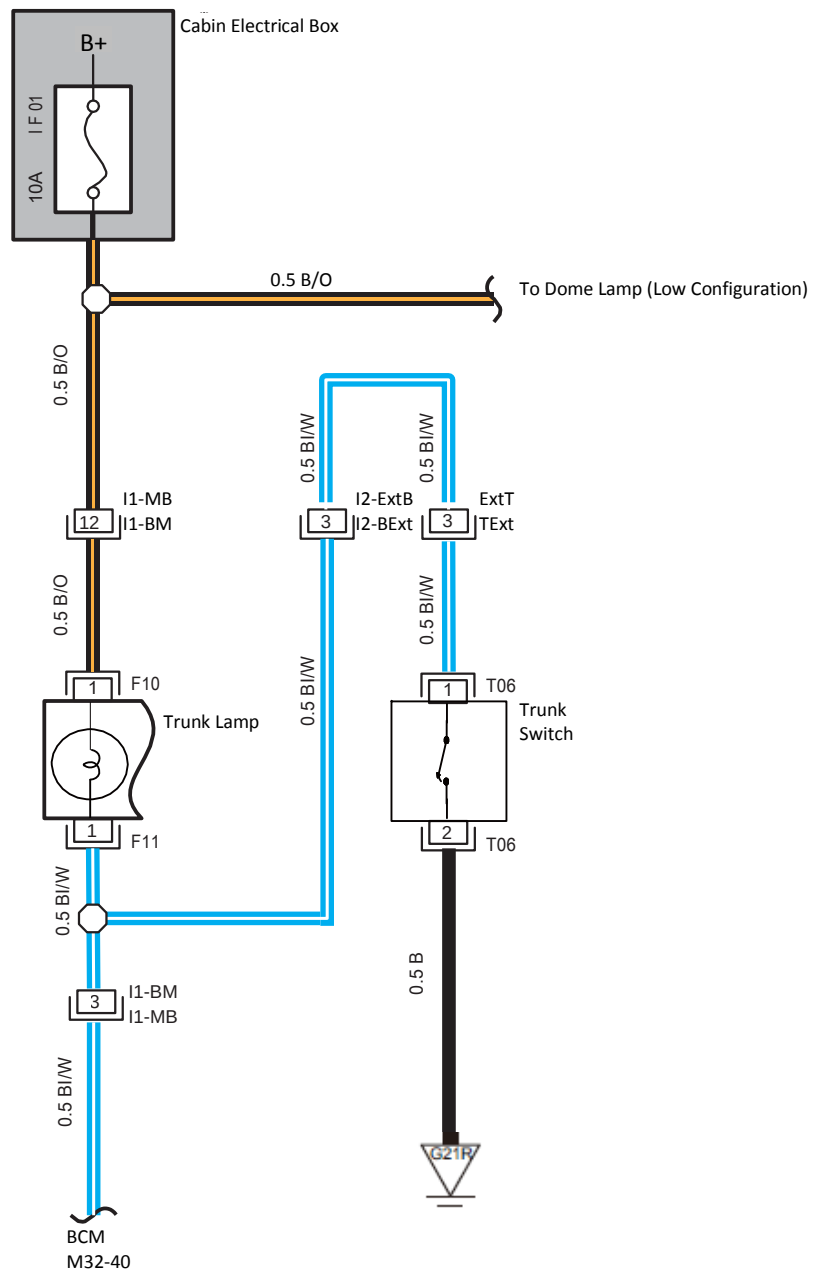
Ceiling Lamp (L Model)



NL00-00000

Harness Connector	Designation	Page Number
R01	Front Dome Lamp	32
I-RM	Ceiling Harness Connecting with Main Harness	32
I-MR	Main Harness Connecting with Ceiling Harness	25
M31	Harness Connector of Body Control Module C1	25
G11L	Grounding	57

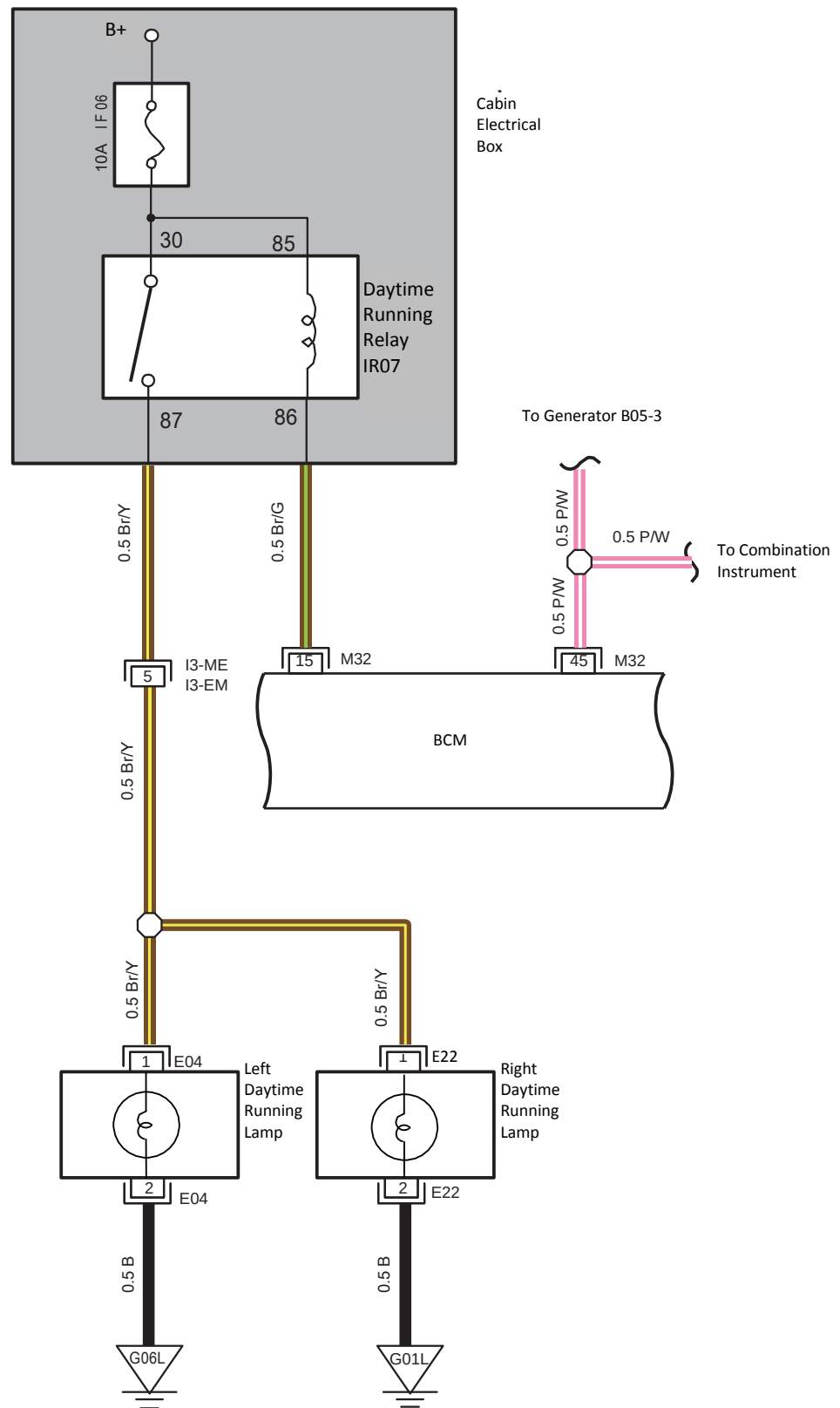
Trunklamp



NL00-00000

Harness Connector	Designation	Page Number
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
F10	Harness Connector 1 of Trunk Lamp	36
F11	Harness Connector 2 of Trunk Lamp	36
ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness	46
TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness	45
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II	46
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II	35
G21R	Grounding	59

Daytime Running Lamp

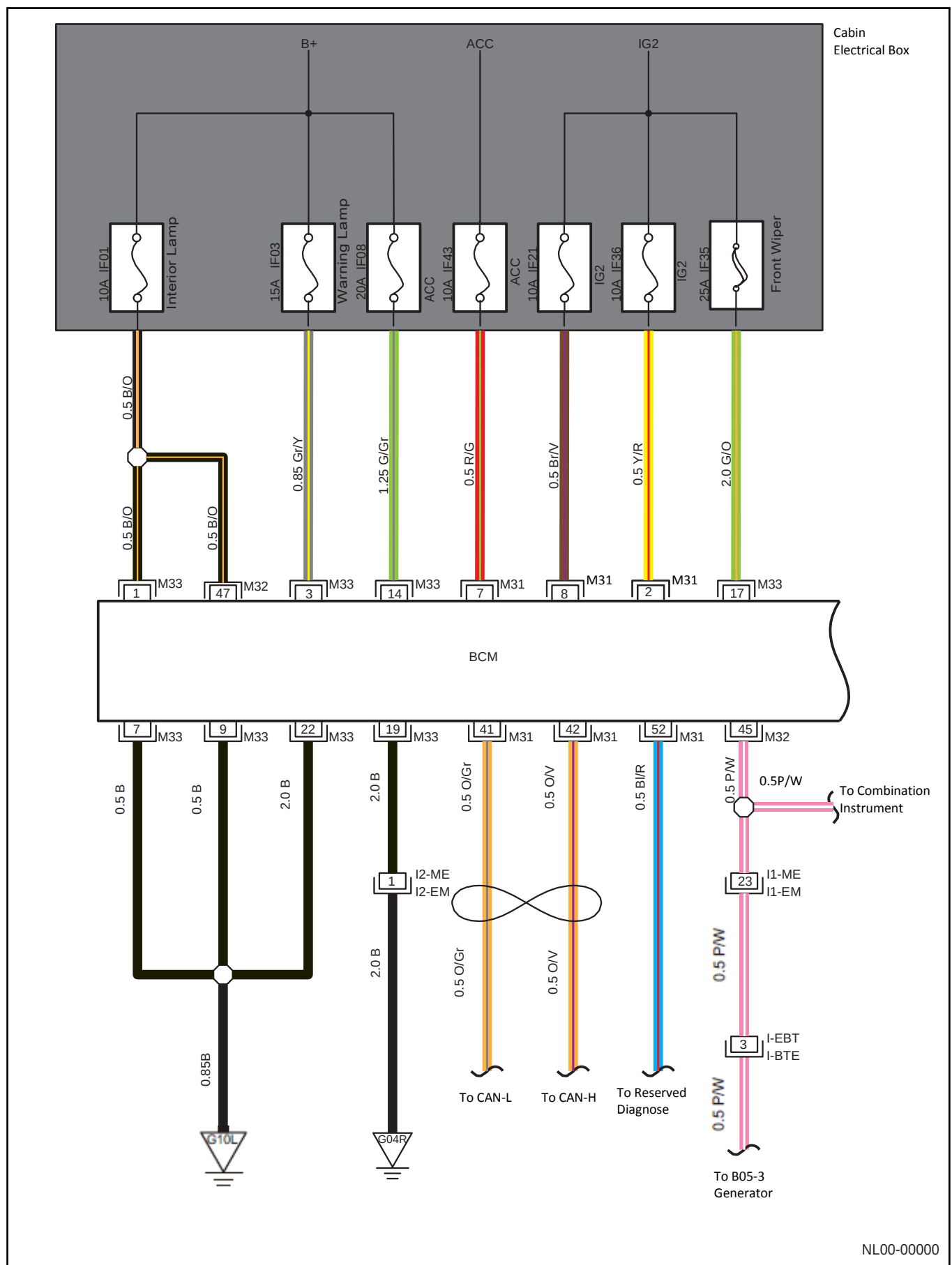


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Harness Connector	Designation	Page Number
M32	Harness Connector of Body Control Module C2	26
M09	Combination Switch- Harness Connector of Lamp	25
E04	Harness Connector of Left Daytime Running Lamp	16
M04	Harness Connector of Rearview Mirror Switch	26
E22	Harness Connector of Right Daytime Running Lamp	16
G01L	Grounding	56
G06L	Grounding	56

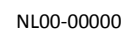
Connection Point	Instruction	Page Number
M32-31	To Lamplight Switch M09-2	99/101/103

Refine S2



Harness Connector	Designation	Page Number
M31	Harness Connector of Body Control Module C1	25
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
G10L	Grounding	57
G04R	Grounding	56
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-ME	Main Harness Connecting with Engine Harness II	25
I2-EM	Engine Harness Connecting with Main Harness II	17
I-EBT	Engine Harness Connecting with Power Supply Harness	16
I-BTE	Power Supply Harness Connecting with Engine Harness	13

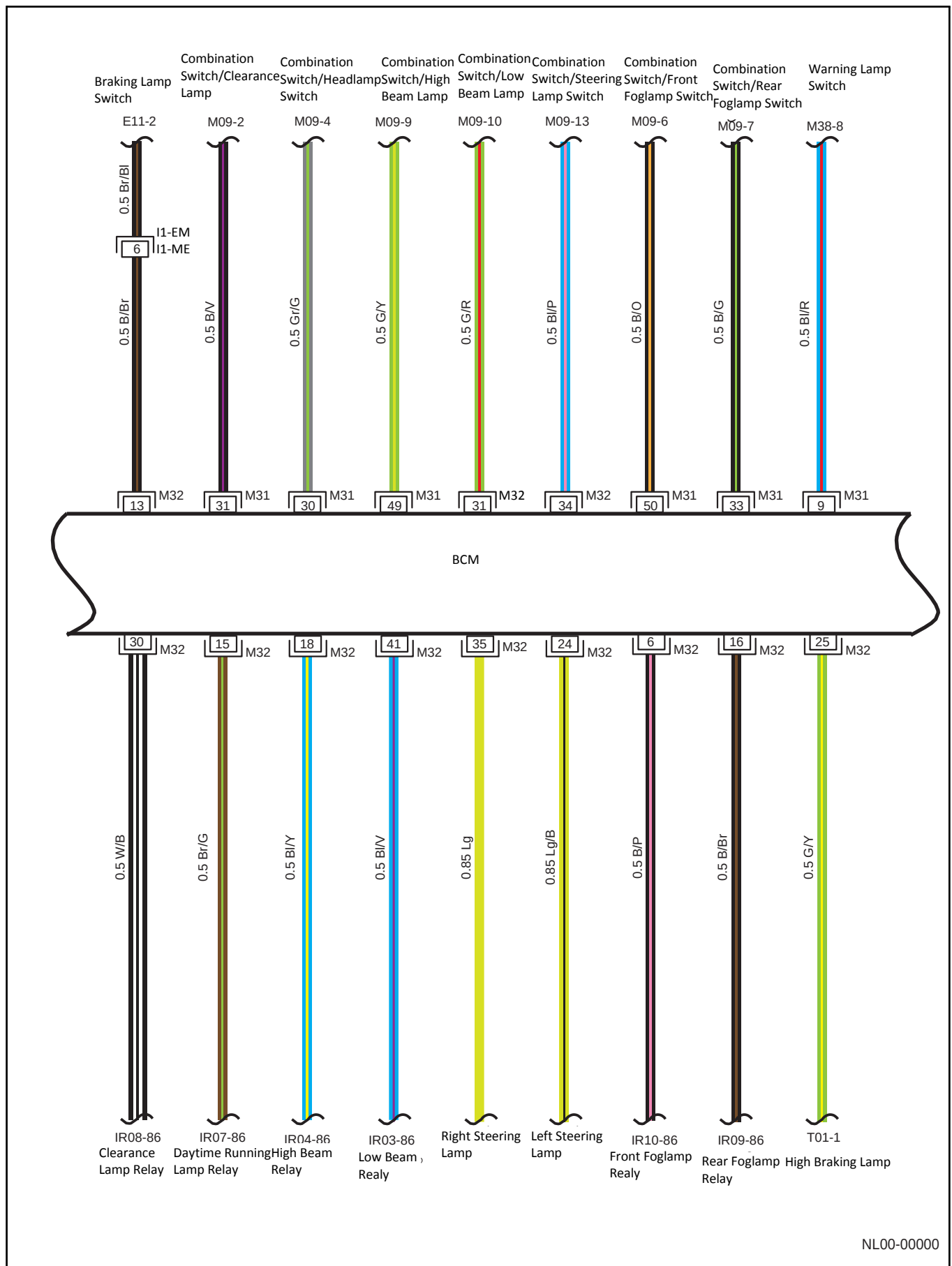
Connection Point	Instruction	Page Number
M31-41	To CAN-L	196
M31-42	To CAN-H	196
M32-45	To Generator B05-2	75



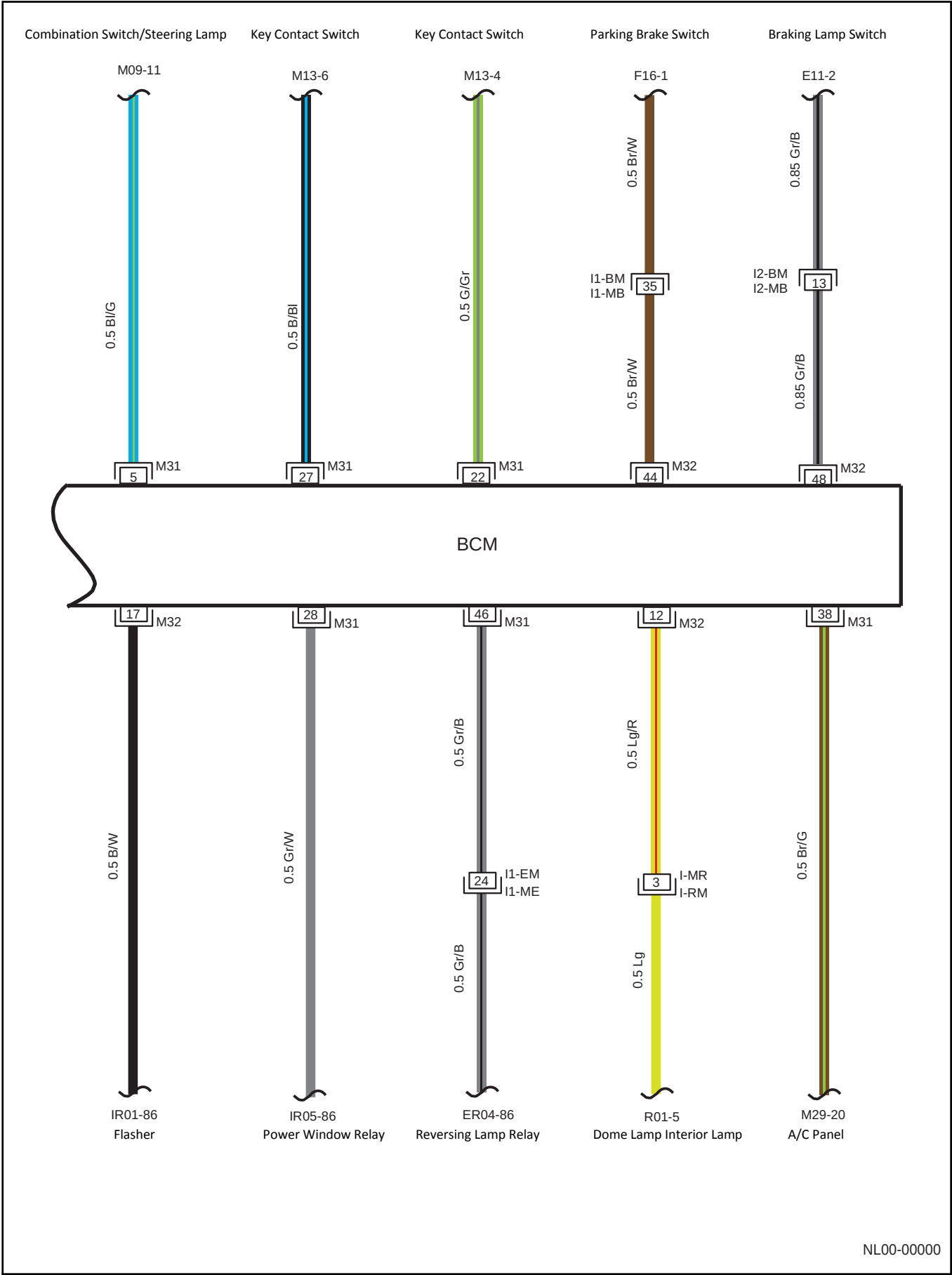
Harness Connector	Designation	Page Number
D07	Main Switch of Left Front Window	42
F24	Right Front Door Touch Switch	36
F03	Harness Connector of Left Front Door Touch Switch	36
F05	Harness Connector of Left Rear Door Touch Switch	36
F26	Right Rear Door Touch Switch	35
T06	Trunk Lock	45
T05	Open Button of Tail-Gate	45
D04	Left Front Door Lock	42
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25
I-FLDB		42
I-BFLD	Body Connecting with Left Front Door Harness	35
I1-BM	Body Connecting with Main HarnessIII	35
I1-MB	Main Harness Connecting with Body Harness I	25
I2-BM	Body Connecting with Engine Harness II	35
I2-MB	Main Harness Connecting with Body Harness II	25
I2-TEXT	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II	45
I2-EXtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II	46
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II	46
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II	35
I3-ME	Main Harness Connecting with Engine Harness III	25
I3-EM	Engine Harness Connecting with Main Harness III	17
G16R	Grounding	58

Connection Point	Instruction	Page Number
M32-42	To Horn Relay ER06-86	186
M32-5	To Central Control Switch D07-13	192
M32-38	To Central Control Switch D07-14	192
M32-27	To Right Front Door Control Switch F14-1	140
M32-39	To Left Front Door Control Switch F03-1	140
M32-1	To Left Rear Door Control Switch F05-1	140
M32-2	To Right Rear Door Control Switch F26-1	140
M32-40	To Trunk Switch T06-1	142
M32-18	To Door Lock Motor	140
M32-20	To Door Lock Motor	140
M32-12	To Rear Tail-Gate Lock Motor T06-3	142
M32-47	To Tail-Gate Opening Switch T05-1	142
M32-4	To Left Front Door Lock Switch D04-5	140
M32-7	To Left Front Door Lock Switch D04-6	140

Power Supply of Body Control System、Grounding、Data Line 3 (Lamplight、 Illumination)



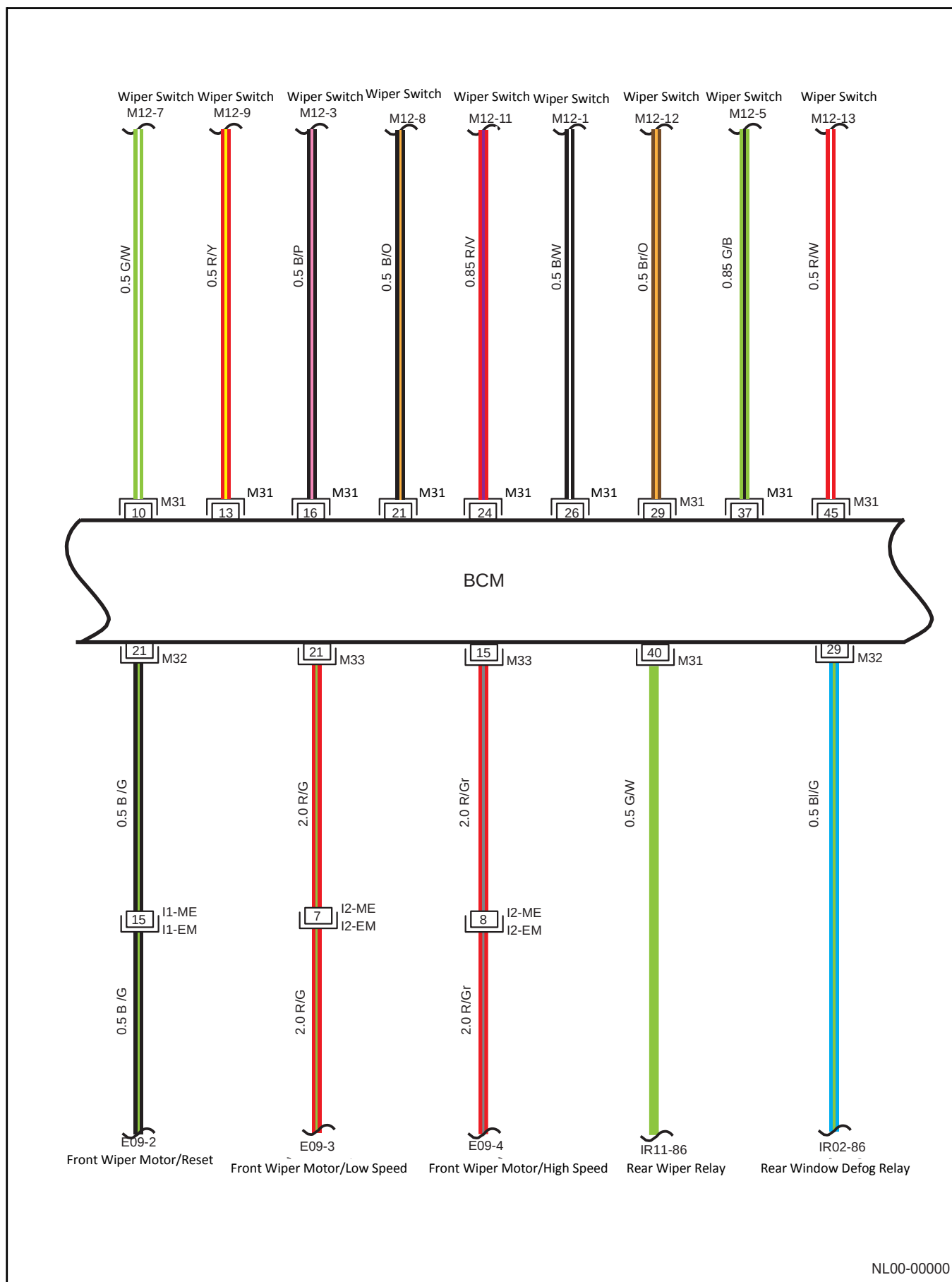
Power Supply of Body Control System、Grounding、Data Line 3



Harness Connector	Designation	Page Number
E11	Harness Connector of Brake Pedal Switch	17
M09	Combination Switch - Harness Connector of Lamp	25
M32	Harness Connector of Body Control Module C2	26
M38	Harness Connector of Hazard Warning Lamp Switch	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25

Connection Point	Instruction	Page Number
M32-13	To Brake Lamp Switch E11-2	115/117
M32-31	To Combination Switch / Clearance Lamp Switch M09-2	99/101
M32-30	To Combination Switch / Headlamp Switch M09-4	99/101
M32-49	To Combination Switch / High Beam Switch M09-9	99/101
M32-31	To Combination Switch / Low Beam Switch M09-10	99/101
M32-34	To Combination Switch /Steering Lamp Switch M09-13	109/112
M32-50	To Combination Switch / Front Foglamp Switch M09-6	107
M32-33	To Combination Switch / Rear Foglamp Switch M09-7	107
M32-9	To Warning Lamp Switch M38-8	112
M32-30	To Clearance Lamp Relay IR08-86	103
M32-15	To Daytime Running Lamp Relay IR07-86	129
M32-18	To High Beam Relay IR04-86	99/101
M32-41	To Low Beam Relay IR03-86	99/101
M32-35	To Right Steering Lamp	110
M32-24	To Left Steering Lamp	110
M32-6	To Front Foglamp Relay IR10-86	107
M32-16	To Rear Foglamp Relay IR09-86	107
M32-25	To High Braking Lamp T01-1	115/117

Power Supply of Body Control System、Grounding、Data Line 5(Wiper、 Washing)



Harness Connector	Designation	Page Number
M12	Combination Switch - Harness Connector of Wiper	26
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
E09	Harness Connector of Front Wiper Motor	16
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-ME	Main Harness Connecting with Engine Harness II	25
I2-EM	Engine Harness Connecting with Main Harness II	17

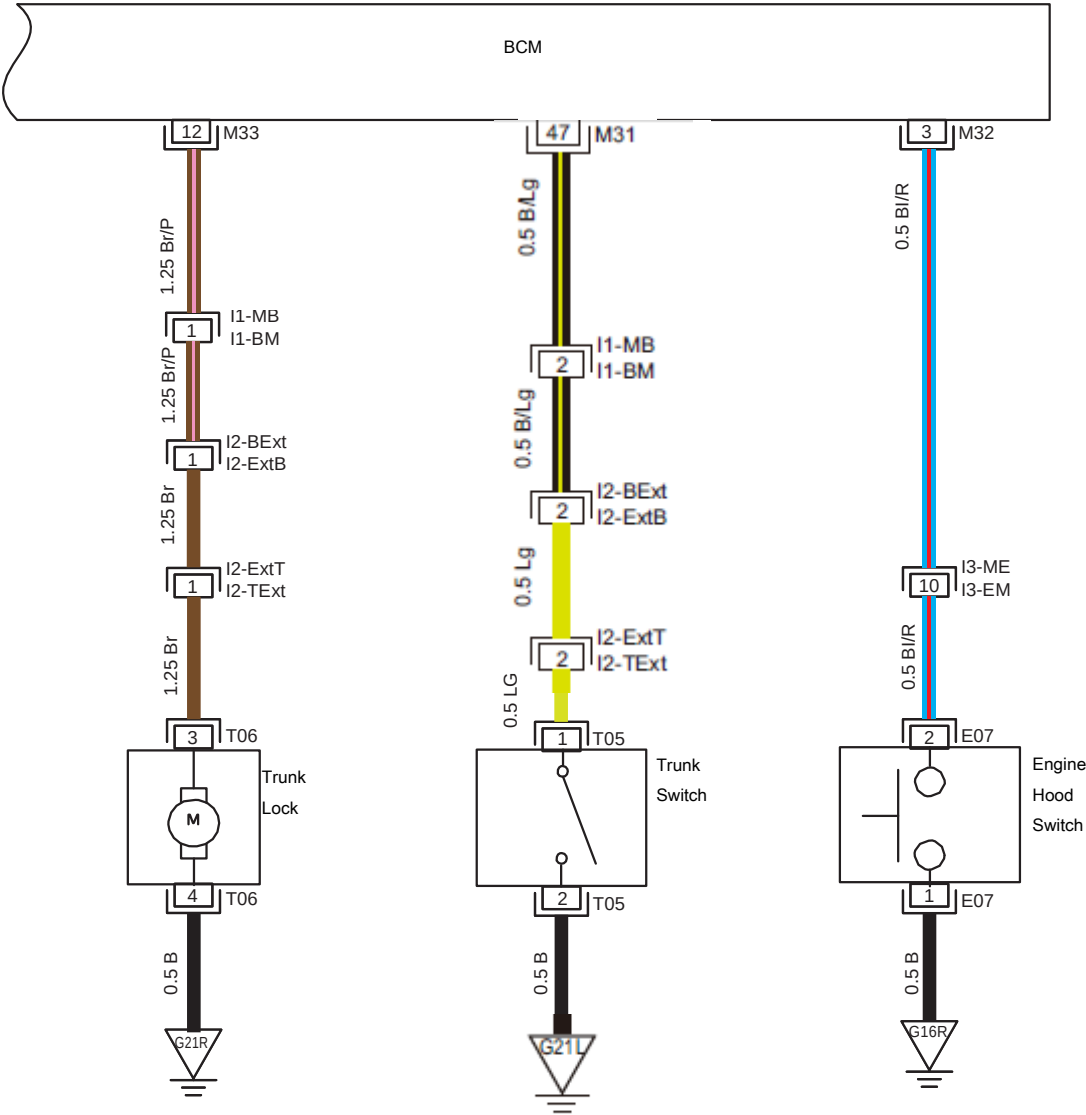
Connection Point	Instruction	Page Number
M31-10	To Wiper Switch M12-7	150/154
M31-13	To Wiper Switch M12-9	
M31-16	To Wiper Switch M12-3	
M31-21	To Wiper Switch M12-8	
M31-24	To Wiper Switch M12-11	
M31-26	To Wiper Switch M12-1	
M31-29	To Wiper Switch M12-12	
M31-37	To Wiper Switch M12-5	
M31-45	To Wiper Switch M12-13	
M32-21	To Front Wiper Motor / Reset E09-2	148/152
M33-21	To Front Wiper Motor / Low Speed E09-3	
M33-15	To Front Wiper Motor / High Speed E09-4	
M31-40	To Rear Wiper Relay IR11-86	148/152
M32-29	To Rear Window Defog Relay IR02-86	146



Harness Connector	Designation	Page Number
D07	Main Switch Connector of Left Front Window	42
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
D04	Dead Lock Connector of Left Front Door	42
D22	Harness Connector of Left Rear Door Dead Lock	42
D13	Dead Lock Connector of Right Front Door	43
D32	Harness Connector of Right Rear Door Dead Lock	43
I1-MB	Main Harness Connecting with Body Harness I Connector	25
I1-BM	Body Connecting with Main Harness I Connector	35
I-BFLD	Body Connecting with Harness Connector of Left Front Door	35
I-BRLD	Body Connecting with Harness Connector of Left Rear Door	35
I-BFRD	Body Connecting with Harness Connector of Right Front Door	35
I-BRRD	Body Connecting with Harness Connector of Right Rear Door	36
G15L	Grounding	58

Connection Point	Instruction	Page Number
M32-5	To Central Control Switch D07-13	192
M32-38	To Central Control Switch D07-14	192

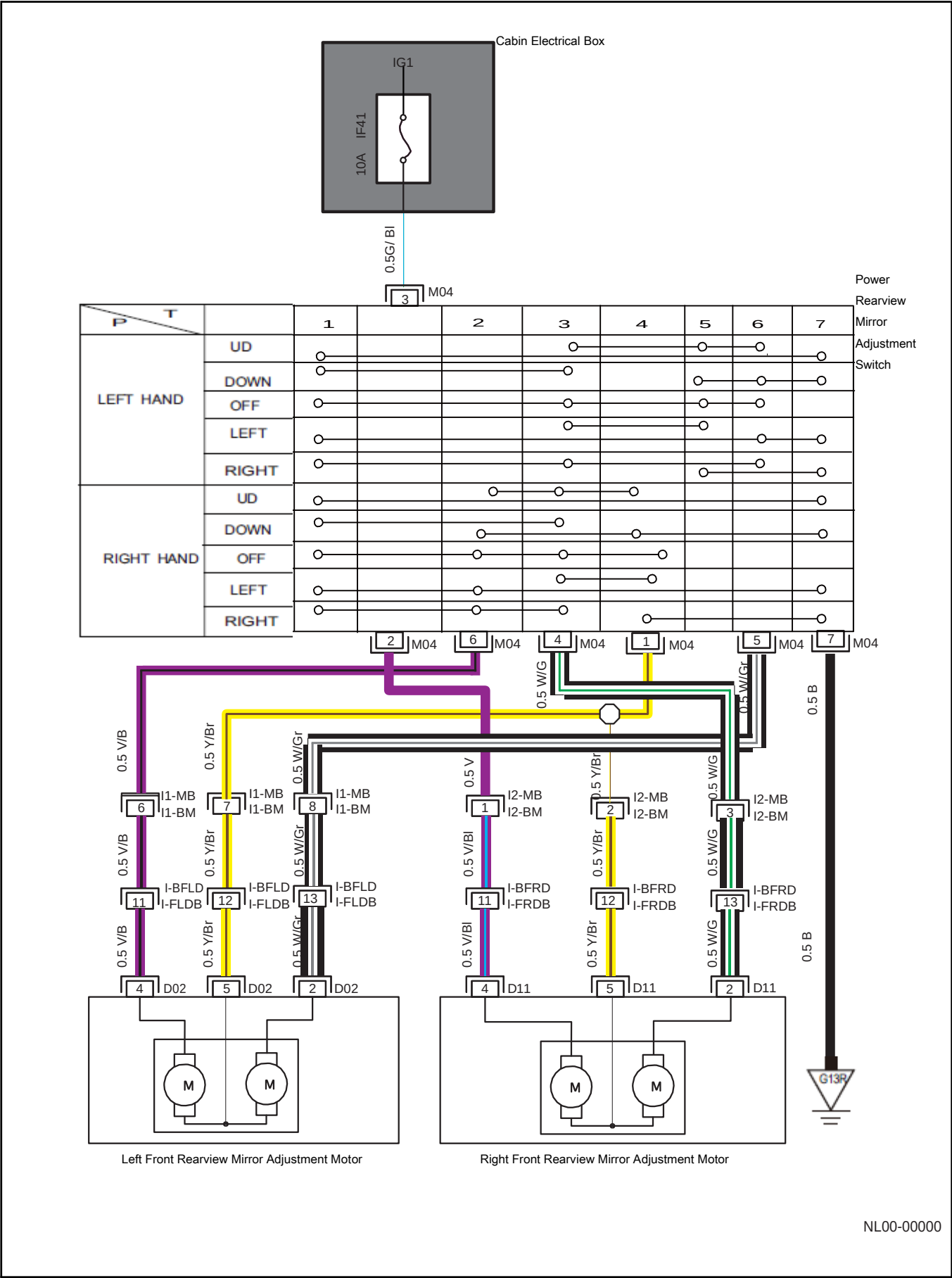
Central Lock 2



NL00-00000

Harness Connector	Designation	Page Number
M31	Harness Connector of Body Control Module C1	26
M33	Harness Connector of Body Control Module C3	26
M32	Harness Connector of Body Control Module C2	26
I1-MB	Main Harness Connecting with Body Harness I Connector	25
I1-BM	Body Connecting with Main Harness I Connector	35
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II Connector	35
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II Connector	46
I2-ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II Connector	46
I2-TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II Connector	45
I3-ME	Main Harness Connecting with Engine HarnessIIIConnector	25
I3-EM	Engine Harness Connecting with Main HarnessIIIConnector	17
G21R	Grounding	59
G21L	Grounding	59
G16R	Grounding	58

Electric Rearview Mirror Control



Harness Connector	Designation	Page Number
M04	Harness Connector of Rearview Mirror	26
I1-BM	Body Connecting with Main Harness I	35
I2-BM	Body Connecting with Main Harness II	35
I1-MB	Main Harness Connecting with Body Harness I	25
I2-MB	Main Harness Connecting with Body Harness II	25
I-BFLD	Body Connecting with Left Front Door Harness	35
I-BFRD	Body Connecting with Right Front Door Harness	35
D02	Left Rearview Mirror	42
D11	Right Rearview Mirror	43
G13R	Grounding	57



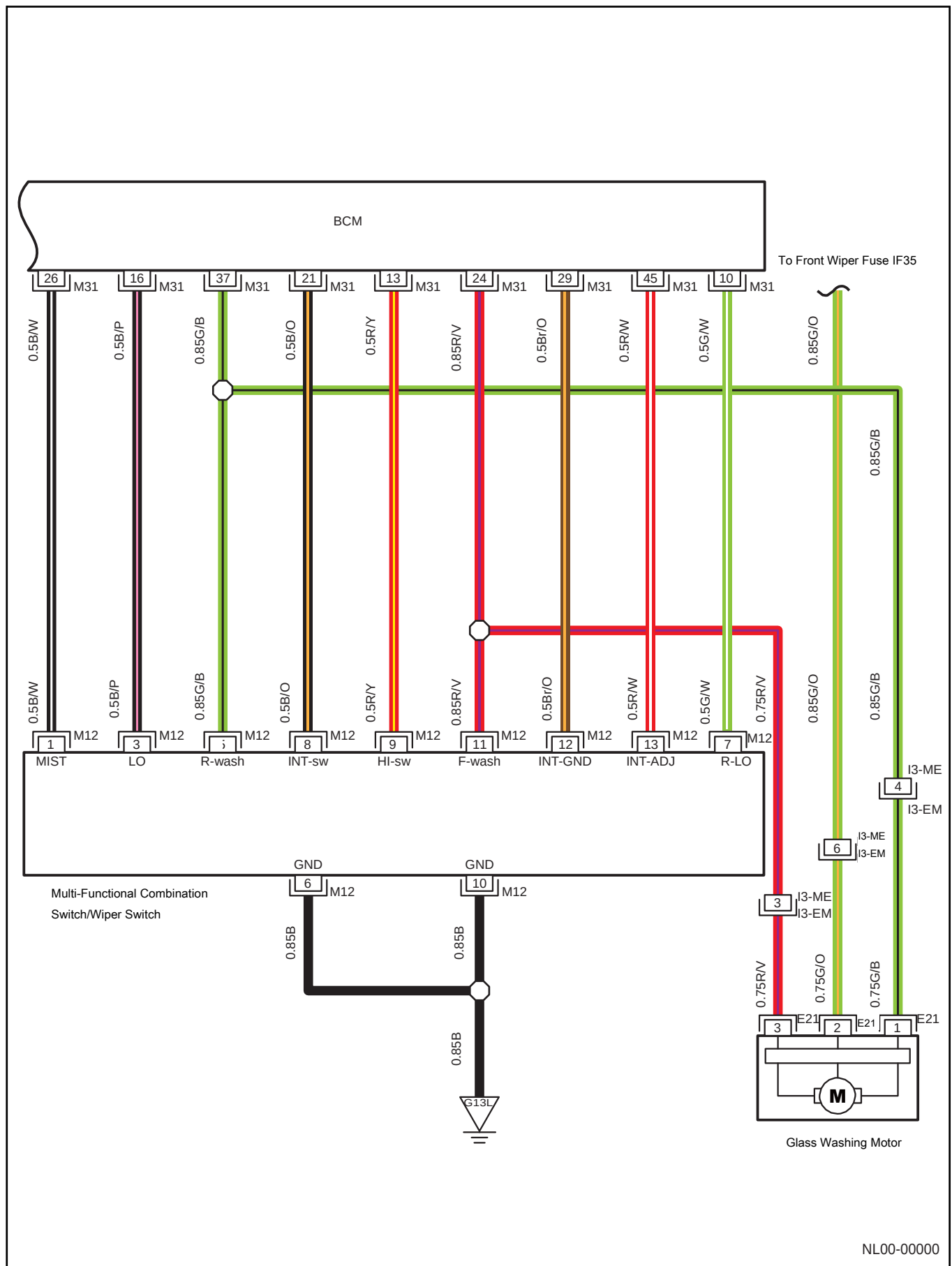
Harness Connector	Designation	Page Number
M29	A/C Control Panel _ Control Harness Connector	26
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
I-BFLD	Body Connecting with Left Front Door Harness	35
I-BFRD	Body Connecting with Right Front Door Harness	35
I1-TEExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness I	45
I1-BExt	Body Harness Connecting with Tail-Gate Transition Harness I	35
I1-ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness I I	46
I1-ExtB	Tail-Gate Transition Harness Connecting with Body Harness I	46
D02	Left Rearview Mirror	42
D11	Right Rearview Mirror	43
G16R	Grounding	58



Harness Connector	Designation	Page Number
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
E09	Harness Connector of Front Wiper Motor	16
T04	Rear Wiper Motor	45
I1-MB	Main Harness Connecting with Body Harness I Connector	25
I1-BM	Body Connecting with Main Harness I Connector	35
I2-ME	Main Harness Connecting with Engine Harness II Connector	25
I2-EM	Engine Harness Connecting with Main Harness II Connector	17
I1-ME	Main Harness Connecting with Engine Harness I Connector	25
I1-EM	Engine Harness Connecting with Main Harness I Connector	17
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II Connector	35
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II Connector	46
I2-ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II Connector	46
I2-TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II Connector	45
G21L	Grounding	59
G04L	Grounding	56
G04R	Grounding	56

Connection Point	Instruction	Page Number
M33-17	To GlassWashing Motor	148/152

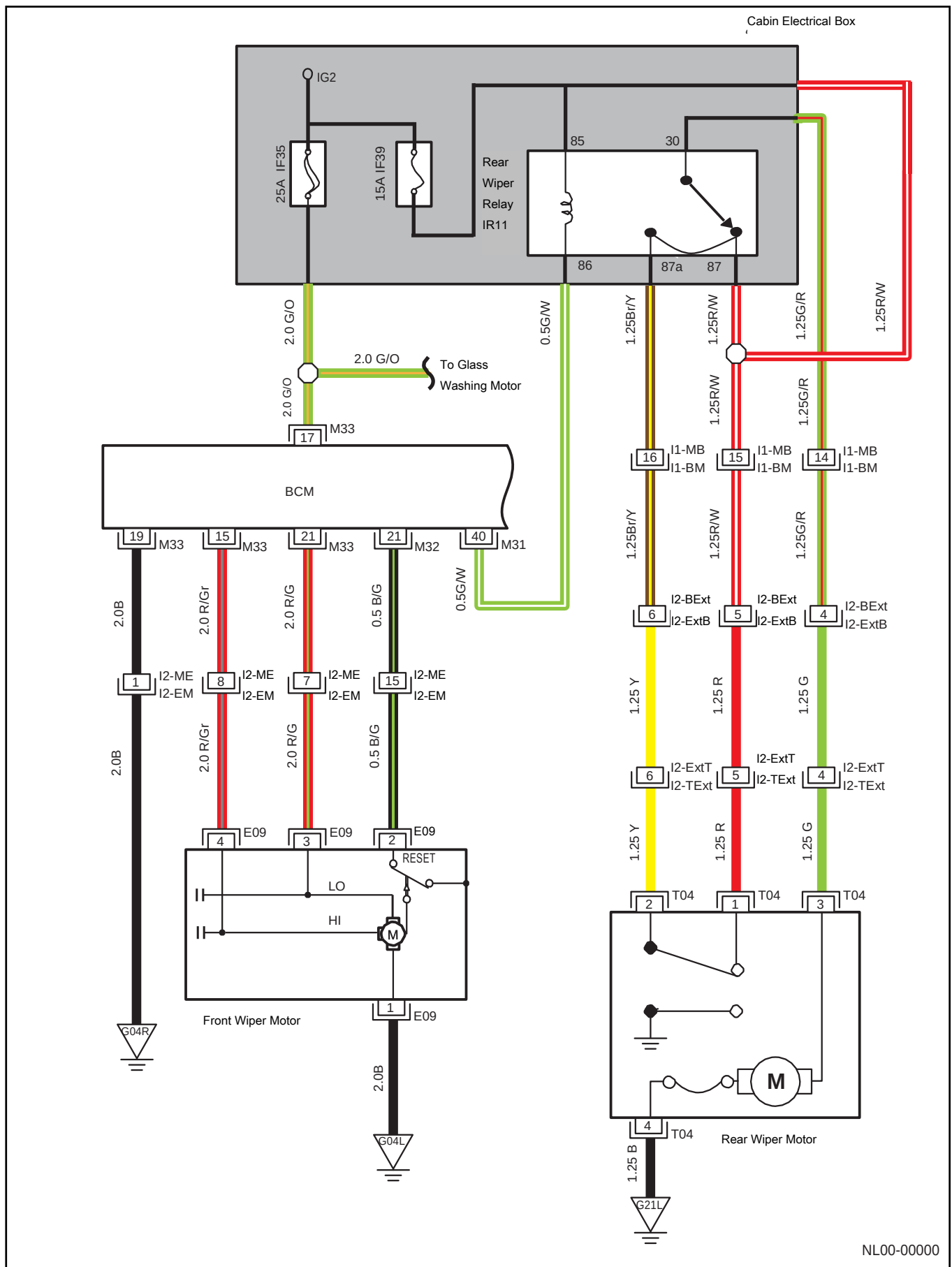
Wiper and Washer 2(H Model)



Harness Connector	Designation	Page Number
E21	Harness Connector of Front Washing Liquid Reservoir	16
M31	Harness Connector of Body Control Module C1	26
M12	Combination Switch - Harness Connector of Wiper	26
I3-ME	Main Harness Connecting with Engine Harness III Connector	25
I3-EM	Engine Harness Connecting with Main Harness III Connector	17
G13L	Grounding	57

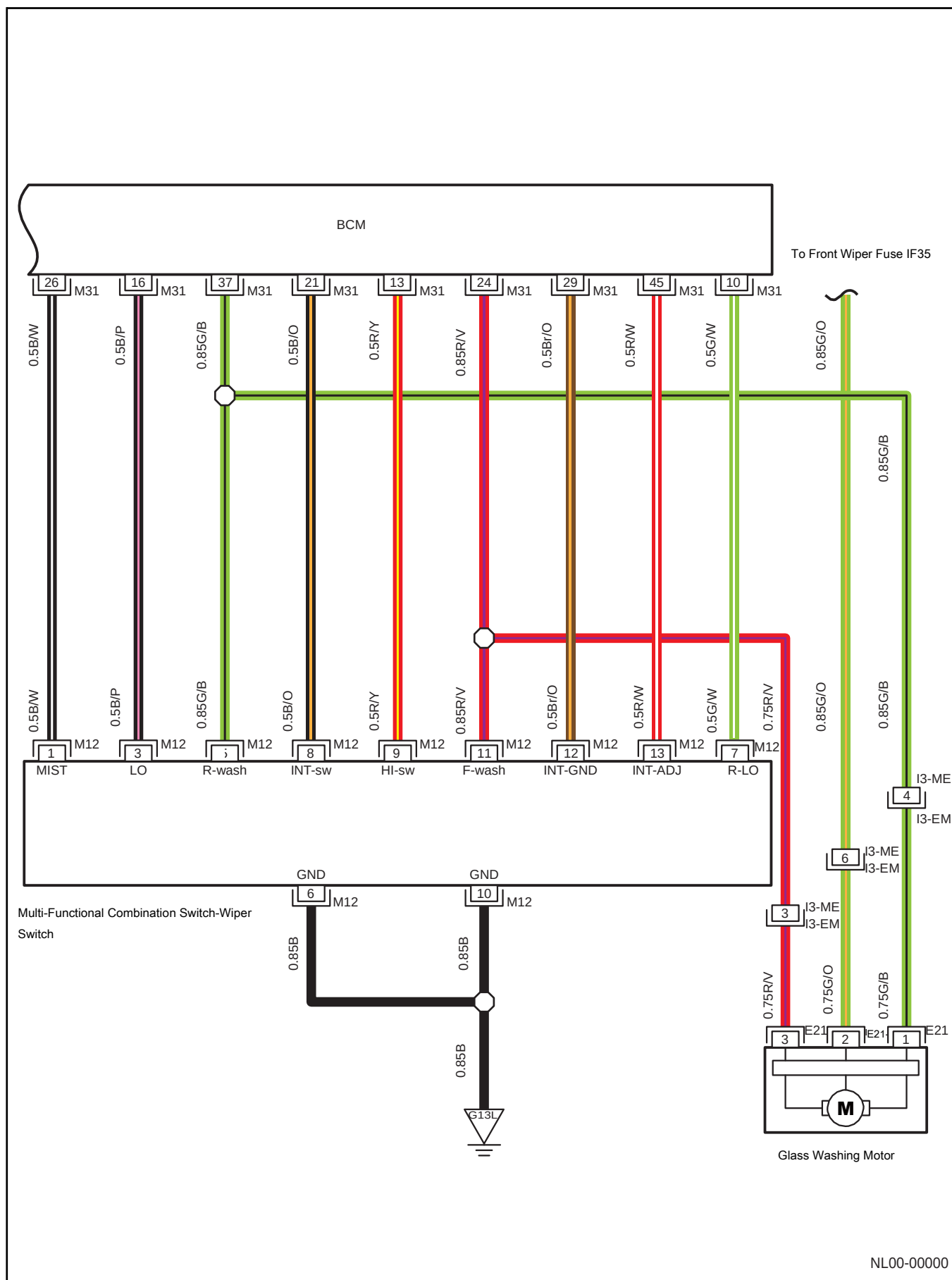
Connection Point	Instruction	Page Number
E21-2	To Front Wiper Fuse IF35	148

Wiper and Washer 1(L Model)



Harness Connector	Designation	Page Number
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-EM	Engine Harness Connecting with Main Harness II	17
I1-ME	Main Harness Connecting with Engine Harness I	25
I2-ME	Main Harness Connecting with Engine Harness II	25
E09	Harnes Connector of Front Wiper Motor	16
M12	Combination Switch - Harness Connector of Wiper	26
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
M33	Harness Connector of Body Control Module C3	26
G04R	Grounding	56
G04L	Grounding	56
G13L	Grounding	57

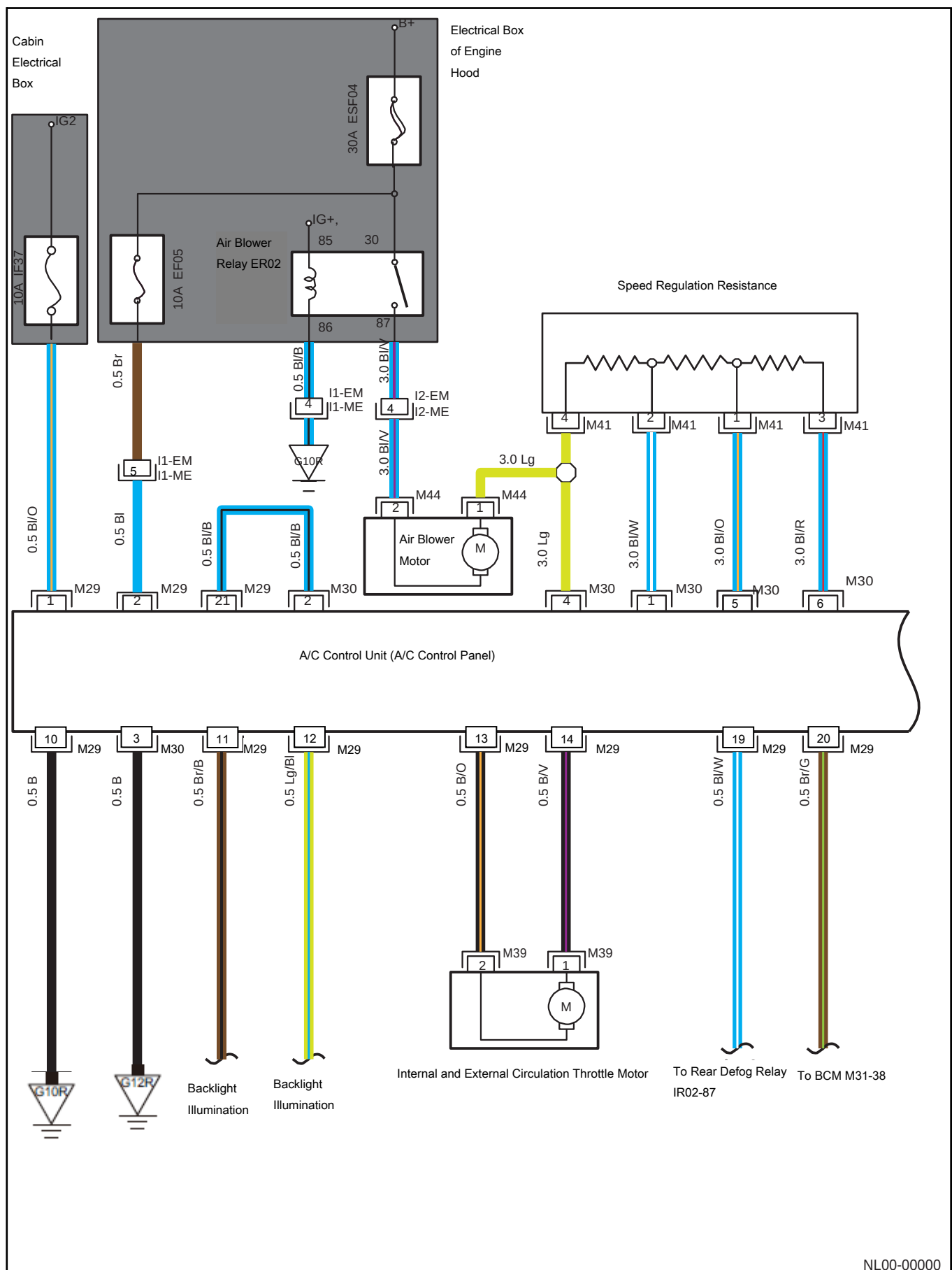
Wiper and Washer 2(L Model)



Harness Connector	Designation	Page Number
I3-EM	Engine Harness Connecting with Main Harness III	17
13-ME	Main Harness Connecting with Engine Harness III	25
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
I2-BExt	Body Harness Connecting with Tail-Gate Transition Harness II	35
I2-ExtB	Tail-Gate Transition Harness Connecting with Body Harness II	46
I2-TExt	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II	45
I2-ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II	46
T13	Rear Wiper Motor	45
E21	Harness Connector of Front Washing Liquid Reservoir Motor	16
M12	Combination Switch - Harness Connector of Wiper	26
M21	Harness Connector of Air-Out ModeTransformation Actuator	25
G13L	Grounding	57
G21L	Grounding	59

Connection Point	Instruction	Page Number
E21-2	Front Wiper Fuse	152

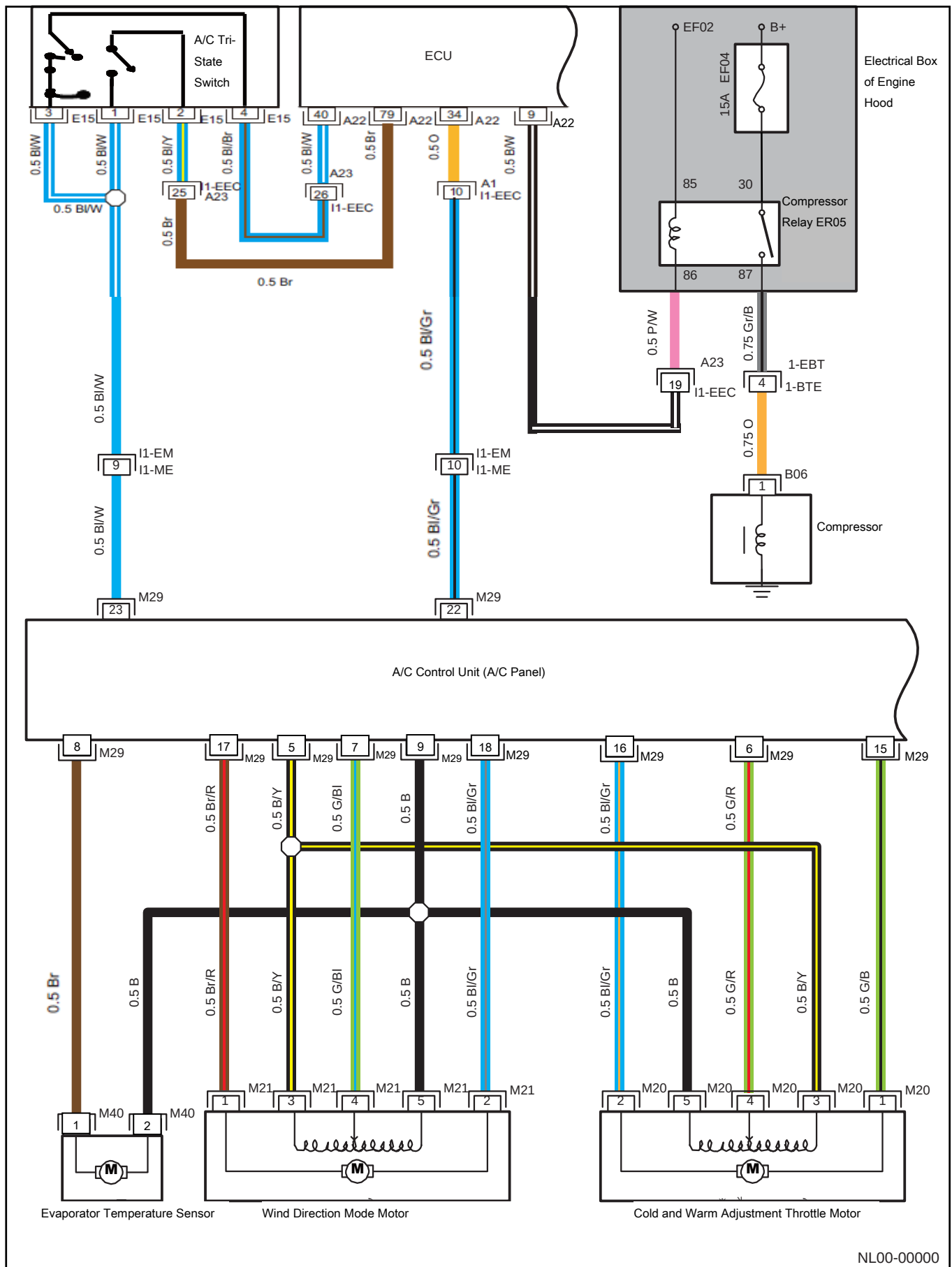
A/C System 1



Harness Connector	Designation	Page Number
M29	A/C Control Panel _ Control Harness Connector	26
M30	A/C Control Panel _ Harness Connector of Air Blower	26
M41	Harness Connector of Wind Speed Resistor	25
M44	Harness Connector of Air Blower Motor	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25
I2-EM	Engine Harness Connecting with Main Harness II	17
I2-ME	Main Harness Connecting with Engine Harness II	25
M31	Harness Connector of Body Control Module C1	26
G10R	Grounding	57
G12R	Grounding	57

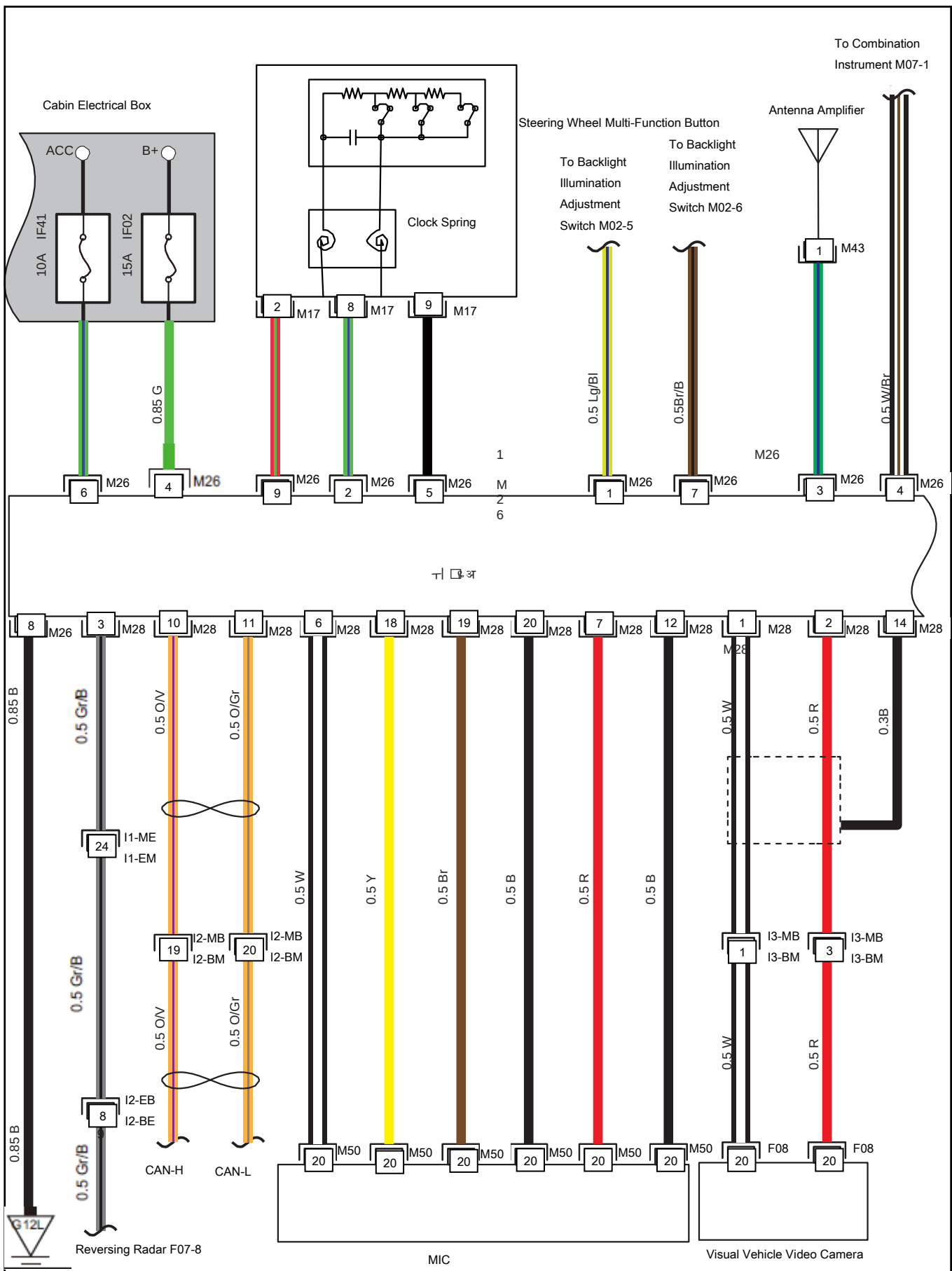
Connection Point	Instruction	Page Number
IR02-87	To Rear Defog Relay IR02-87	146
M31-38	To BCM M31-38	136

A/C System 2



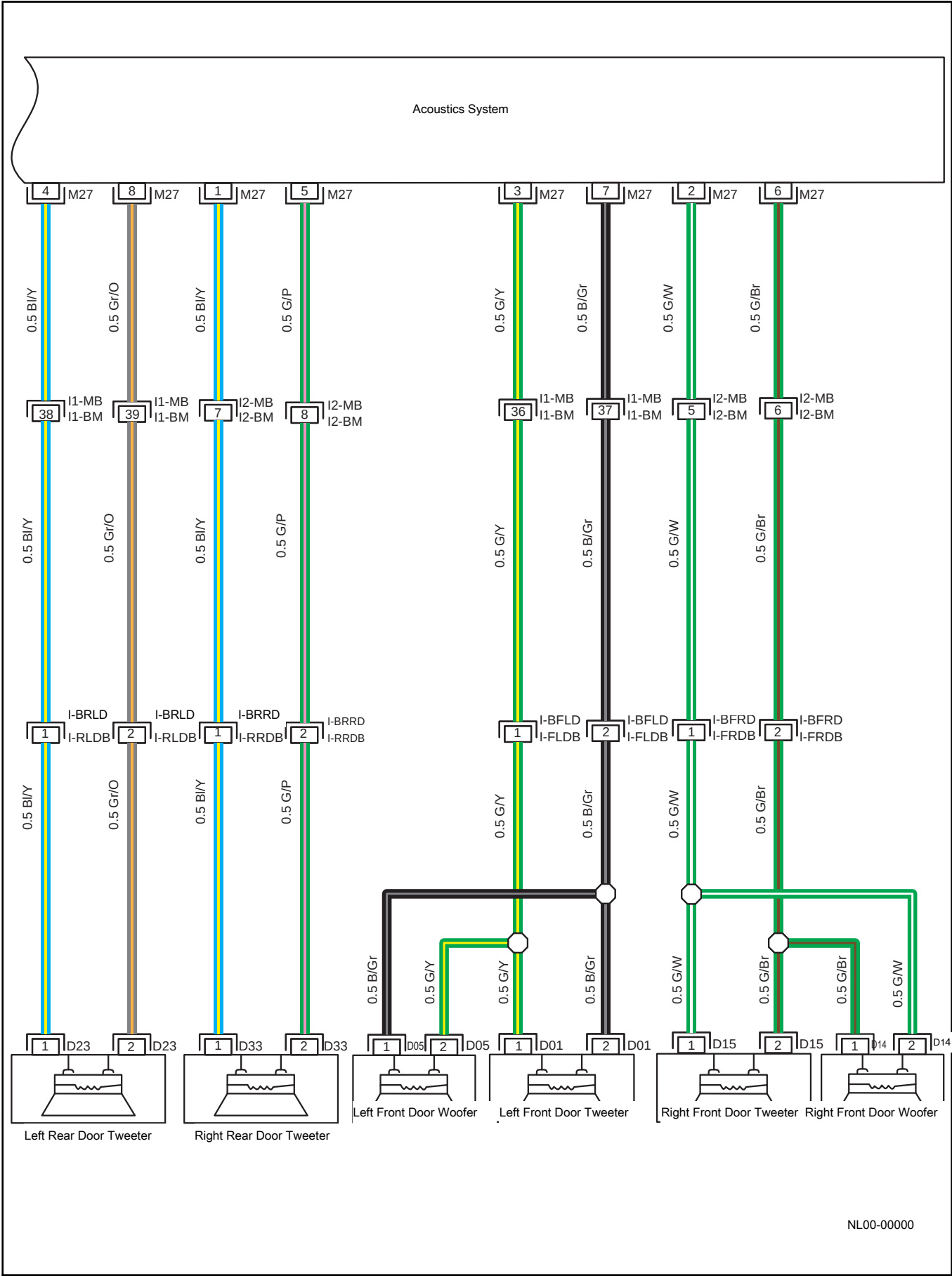
Harness Connector	Designation	Page Number
M29	A/C Control Panel _ Control Harness Connector	26
M20	A/C Control Panel _ Harness Connector of Air Blower	26
M40	Harness Connector of Wind Speed Resistor	25
M21	Harness Connector of Air Blower Motor	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25
E15	Harness Connector of A/C Pressure Switch	16
A22	ECU Harness Connector	22
A1	Connector 1	22
A23	Connector 3	22
B06	Harness Connector of A/C Compressor	13
1-EBT	Engine Harness Connecting with Power Supply Harness	16
1-BTE	Power Supply Harness Connecting with Engine Harness	13
G10R	Grounding	57
G12R	Grounding	57

Acoustics 1



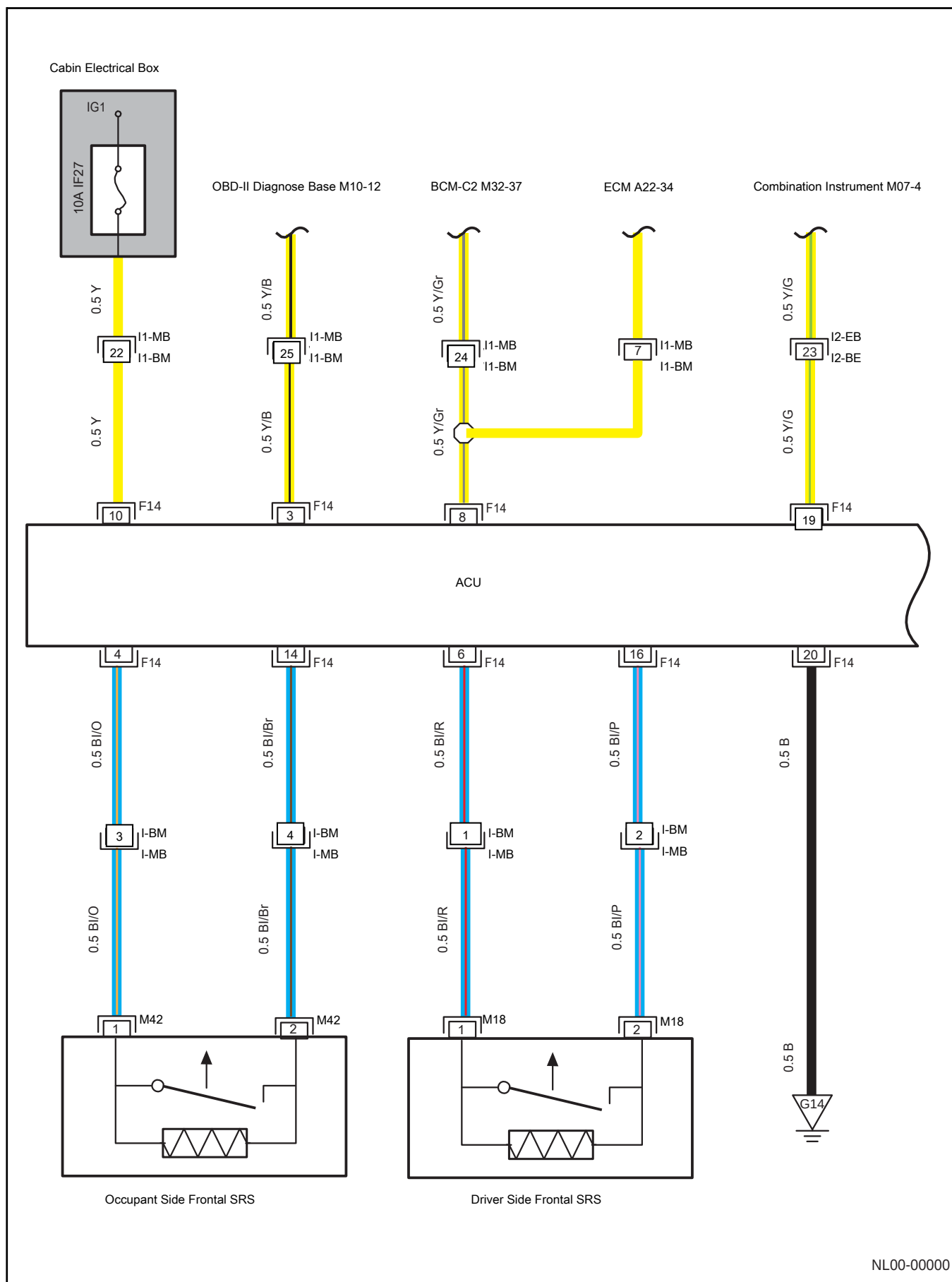
Harness Connector	Designation	Page Number
M26	Harness Connector of Audio1	26
M28	Harness Connector of Audio3	26
M43	Harness Connector of Antenna Amplifier	25
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
G12L	Grounding	57
F08	Harness Connector of Visual Reversing Vehicle Camera	35
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting with Main Harness II	35
I2-EB	Engine Connecting with Body Harness II	17
I2-BE	Body Connecting with Engine Harness II	35
I3-MB	Main Harness Connecting with Body Harness III	25
I3-BM	Body Connecting with Main Harness III	35

Harness Connector	Designation	Page Number
M26-01	To Illumination Adjustment Switch of Backlight M02-5	105
M26-07	To Illumination Adjustment Switch of Backlight M02-6	105
M43-01	Antenna Amplifier	160
M28-04	To Combination Instrument M07-1	97
M28-03	To Reversing Radar F07-8	182/183
M28-10	CAN-H	197
M28-11	CAN-L	197



Harness Connector	Designation	Page Number
M27	Harness Connector of Audio2	26
D01	Left Front Door Tweeter	42
D05	Left Front Door Woofer	42
D14	Right Front Door Woofer	43
D15	Left Front Door Speaker	43
D23	Harness Connector of Left Rear Door Woofer	42
D33	Harness Connector of Right Rear Door Woofer	43
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting Connecting with Main Harness II	35
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I-BRLD	Body Connecting with Left Rear Door Harness	35
I-BFLD	Body Connecting with Left Front Door Harness	35

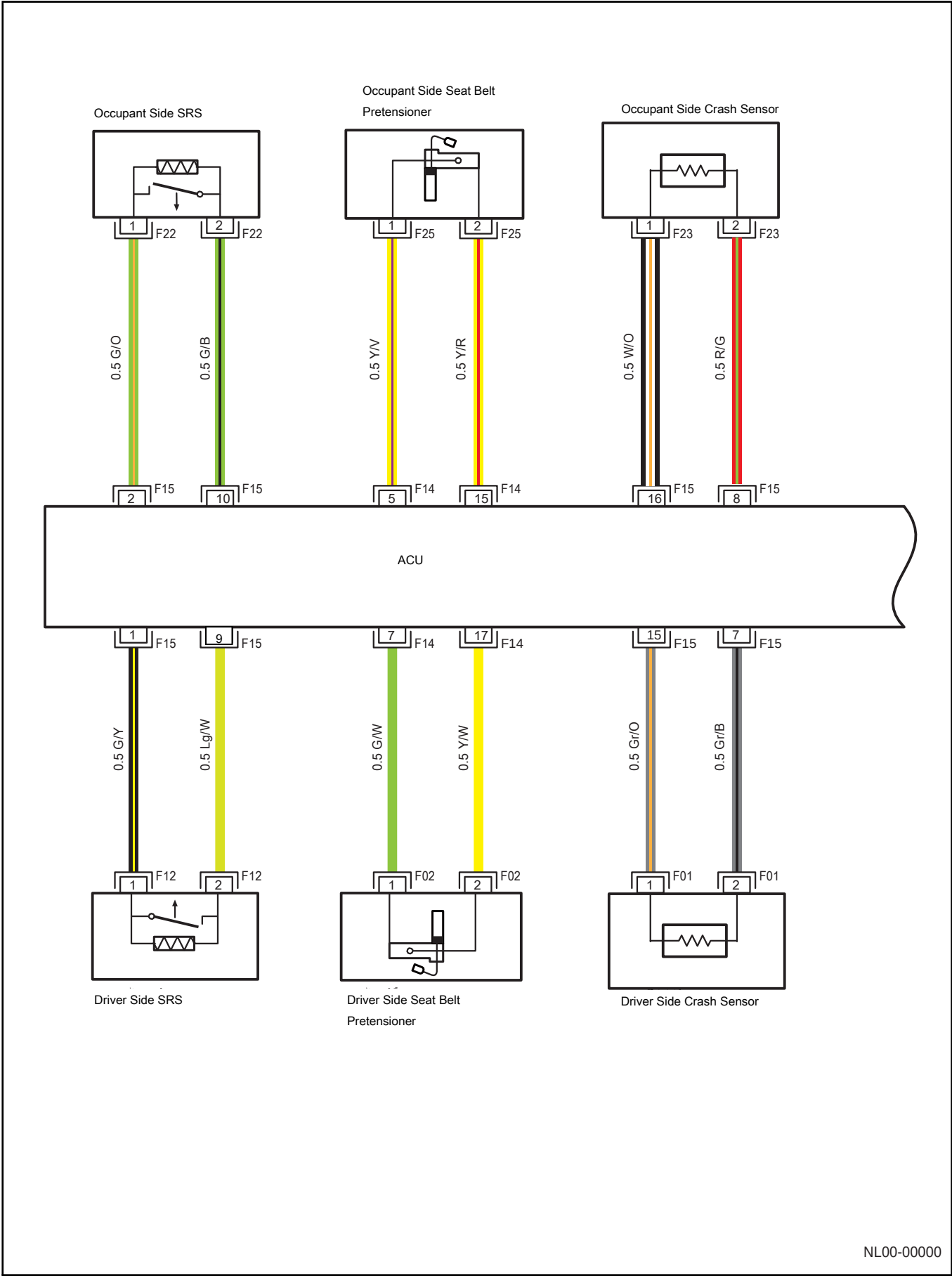
SRS 1



Harness Connector	Designation	Page Number
F14	SRS Module 1	35
M07	Harness Connector of Combination Instrument C2	25
M10	Diagnose Interface	25
M18	Clock Spring_ Harness Connector of SRS	26
M32	Harness Connector of Body Control Module C2	26
M42	Harness Connector of Occupant Frontal SRS	25
I1-BM	Body Connecting with Main Harness I	35
I1-MB	Main Harness Connecting with Body Harness I	25
I-BM	SRS Connecting with Connector (Body Connecting with Main Harness)	35
I-MB	SRS Connecting with Connector (Main Harness Connecting with Body)	25

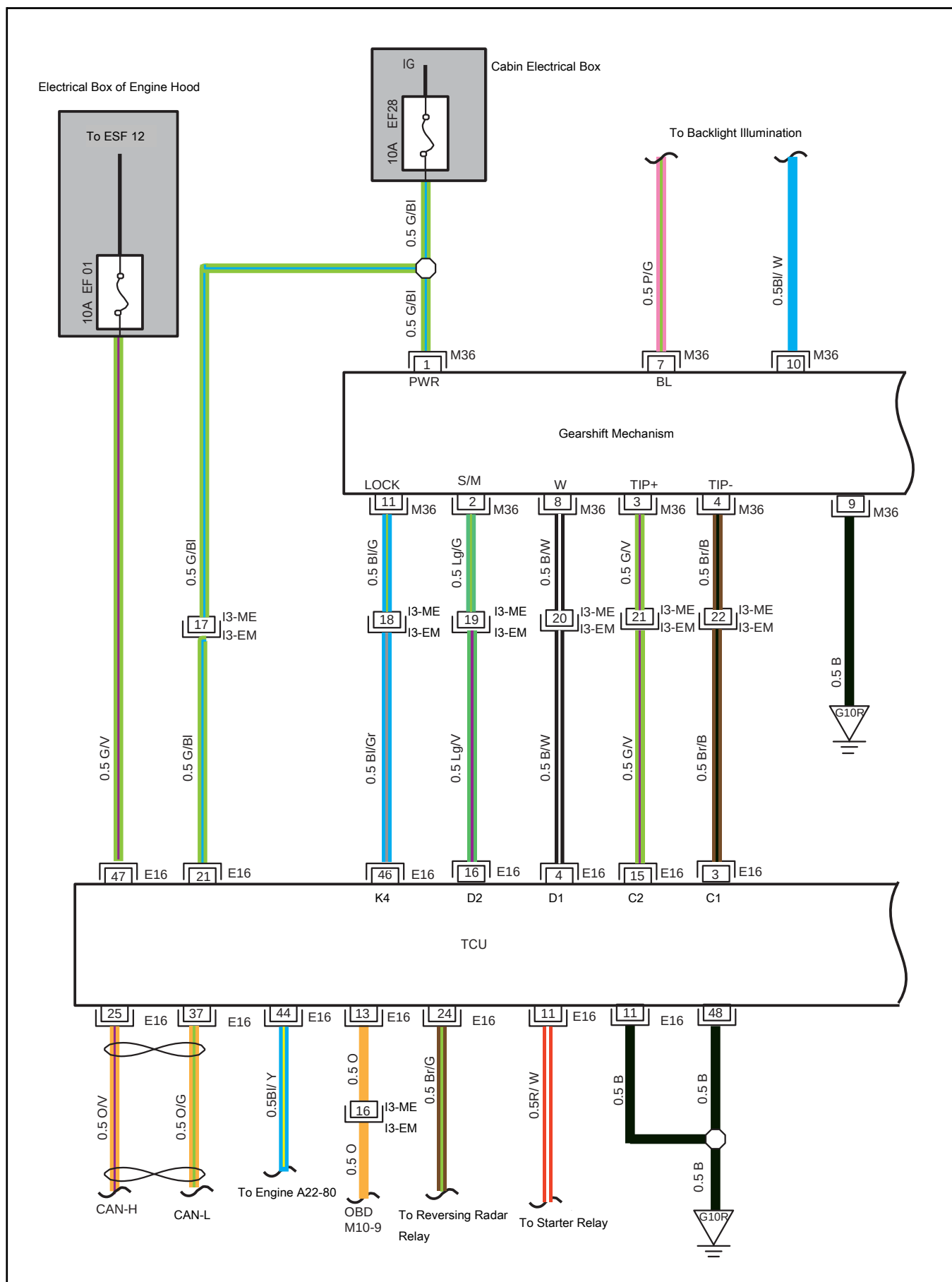
Connection Point	Instruction	Page Number
M10-12	ACU F14-3 To OBD-II Diagnose Base M10-12	194
M07-4	ACU F14-19 To Combination Instrument M07-4	97

SRS 2



Harness Connector	Designation	Page Number
F01	Harness Connector of Left Impact Sensor	36
F02	Harness Connector of Driver Seat Belt Pretensioner	36
F12	Harness Connector of Driver Side Airbag	35
F14	SRS Module 1	35
F15	SRS Module 2	35
F22	Occupant Side Airbag	35
F23	Right Side Impact Sensor	36
F25	Passenger Seat Belt Pretensioner	36

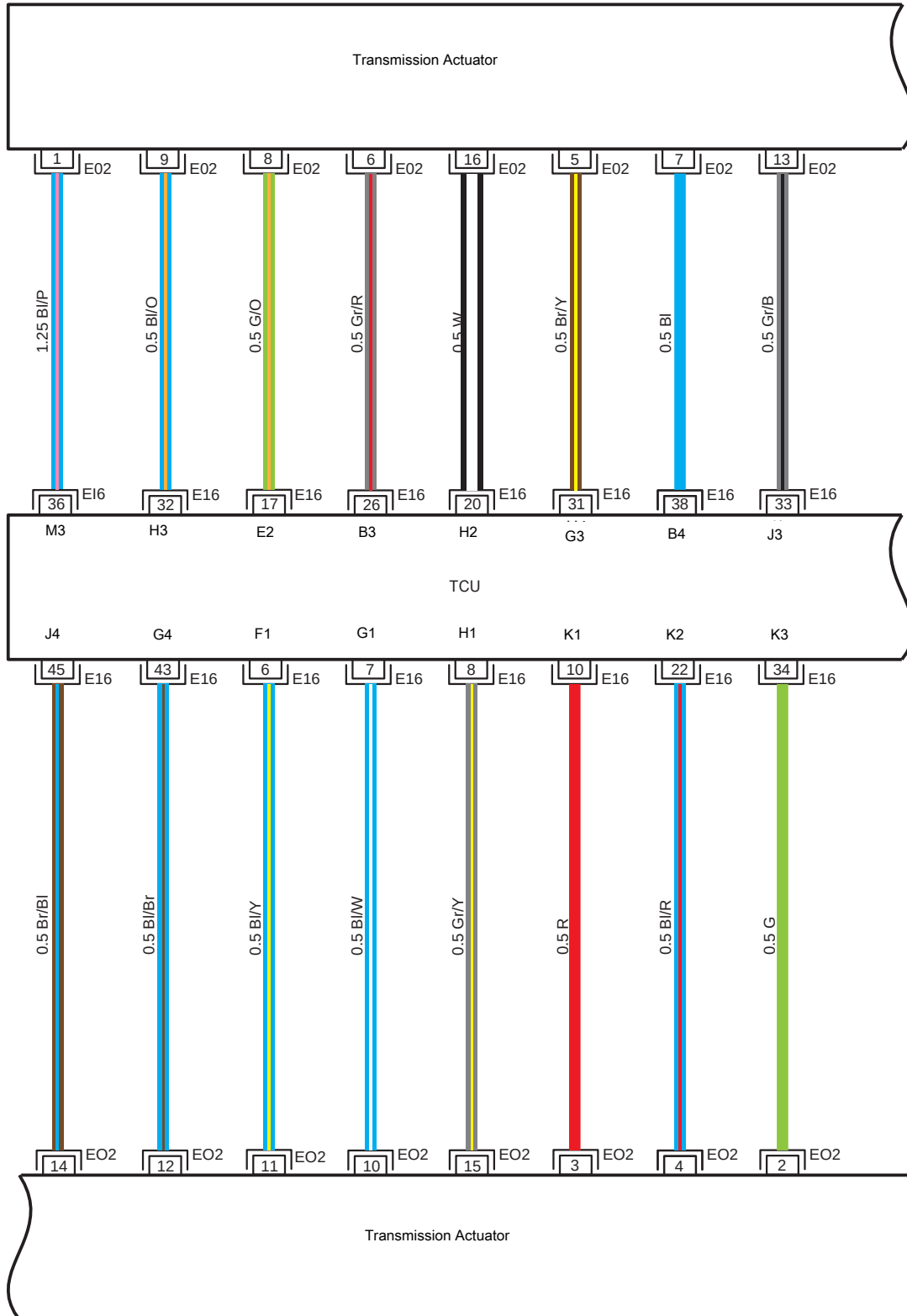
TCU Power Supply, Grounding, Data Line



Harness Connector	Designation	Page Number
A22	ECU_MT Harness Connector	22
A23	Connector 3	22
E16	Short-Circuiter 3 of CAN Cable	16
E17	Harness Connector of ESC Module	16
M10	Diagnose Interface	25
I1-ME	MainHarness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I3-ME	Main Harness Connecting with Engine Harness III	25
I3-EM	Engine Harness Connecting with Main Harness III	17

Connection Point	Instruction	Page Number
ER01-86	TCU E16-11 To Starter Relay ER01-86	77/79
ER04-86	TCU E16-24 To Reversing Lamp Relay ER04-86	119/121
CAN-H	TCU E16-25 To CAN-H	196
CAN-L	TCU E16-37 To CAN-L	196
M10-5	TCU E16-13 To Diagnose Interfaxe M10-5	194

Transmission Actuator

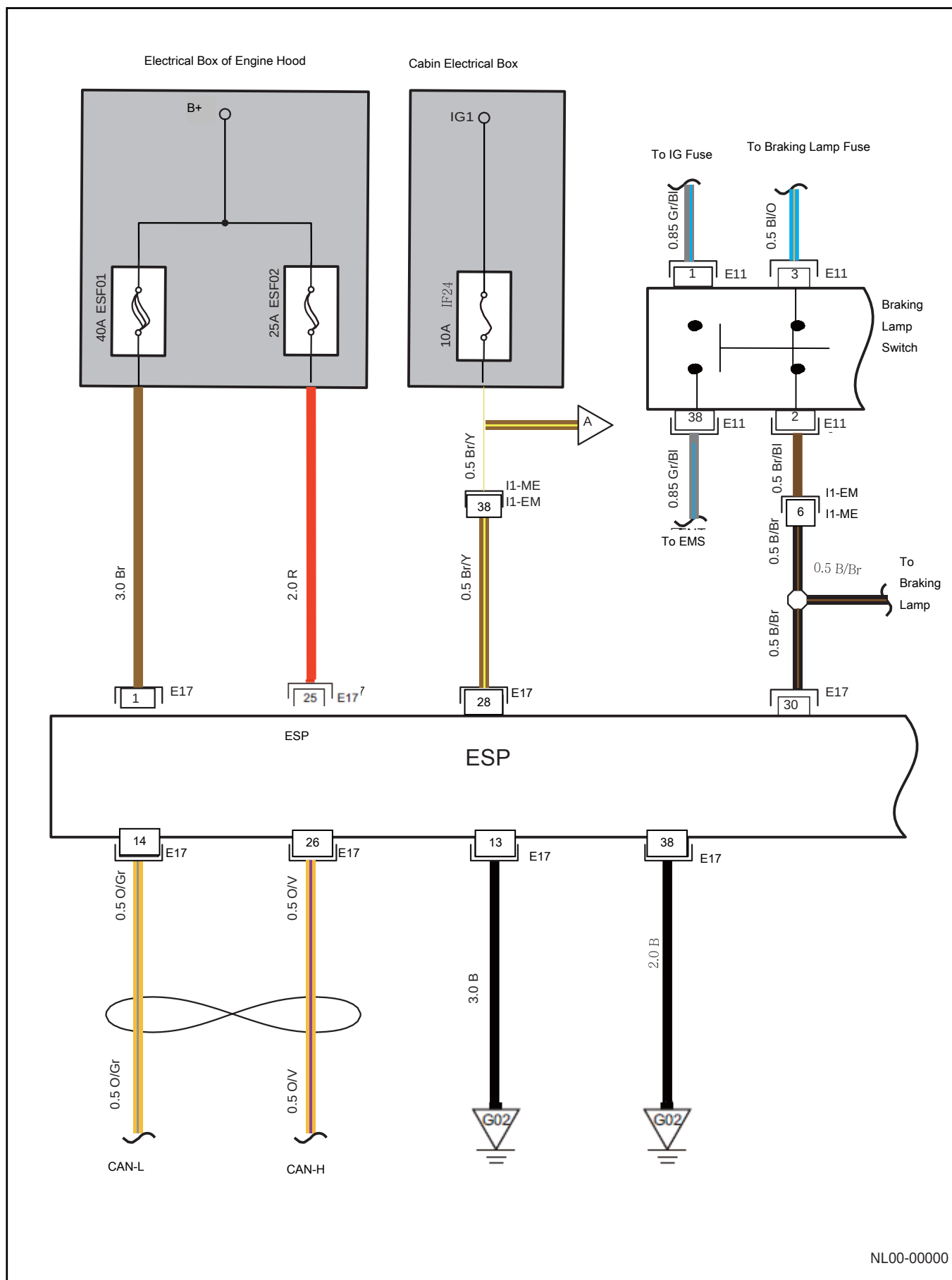


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Harness Connector	Designation	Page Number
M07	Harness Connector of Combination Instrument C2	25
I3-ME	Main Harness Connecting with Engine Harness III	25
I3-EM	Engine Harness Connecting with Main Harness III	17
E16	Short-Circuiter 3 of CAN Cable	16
G10R	Grounding	57

Connection Point	Instruction	Page Number
M07-27	Gearshift M36-1 To Combination Instrument M07-27	95

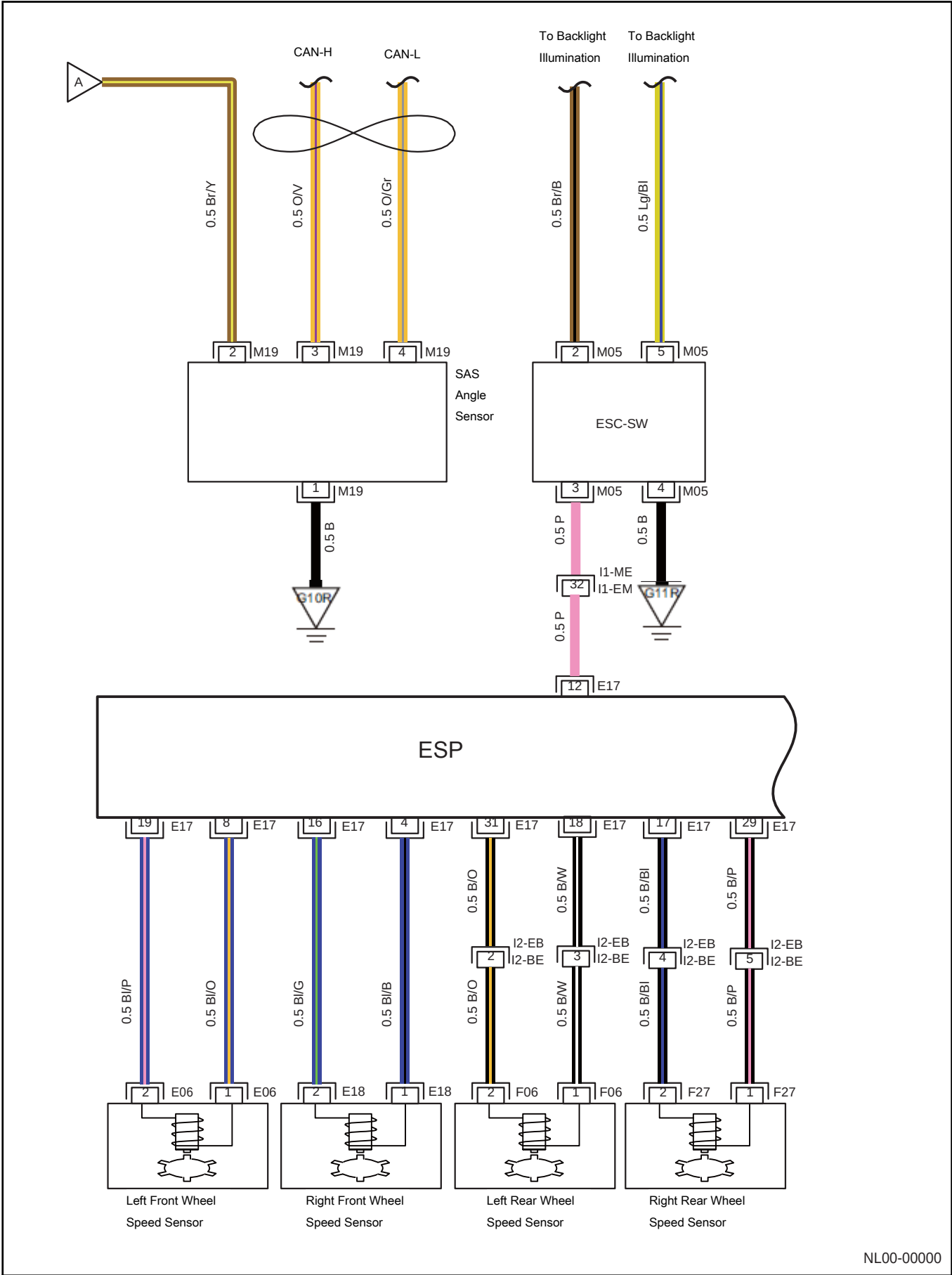
ESP Power Supply, Grounding, Data Line



Harness Connector	Designation	Page Number
E17	Harness Connector of ESC Module	16
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17

Connection Point	Instruction	Page Number
CAN-H	ESP E17-26 To CAN-H	196
CAN-L	ESP E17-14 To CAN-L	196

ESP Sensor

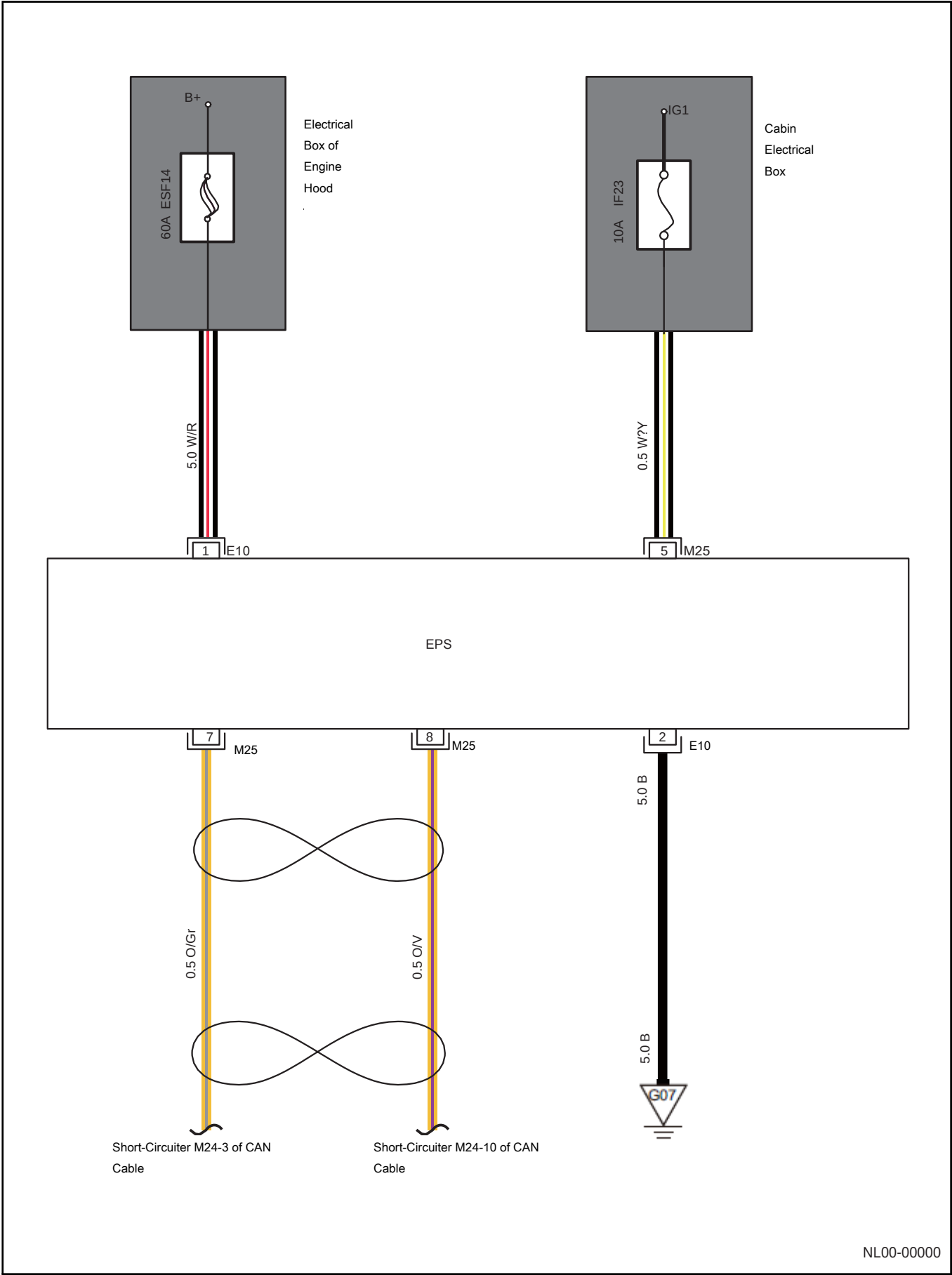


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Harness Connector	Designation	Page Number
E06	Harness Connector of Left Front Wheel Speed Sensor	16
E17	Harness Connector of ESP Module	16
E18	Harness Connector of ESP Right Front Wheel Speed Sensor	16
F06	Harness Connector of ESP Left Front Wheel Speed Sensor	35
F27	ESP Right Rear Wheel Speed Sensor	35
M05	Harness Connector of ESP Switch	26
M07	Harness Connector of Combination Instrument C2	25
M19	Harness Connector of Angle Sensor	26
M24	Short-Circuiter 2 of CAN Cable	26
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I2-EB	Engine Connecting with Body Harness II	17
I2-BE	Body Connecting with Engine Harness II	35

Connection Point	Instruction	Page Number
M24-9	Angle Sensor SAS M19--3 To Short-Circuiter of CAN Cable M24-9	196
M24-2	Angle Sensor SAS M19--4 To Short-Circuiter of CAN Cable M24-2	196
IR08-87	ESP-SW M05-2 To Clearance Lamp RelayIR08-87	103
M07-26	ESP-SW M05-5 To Combination Instrument M07-26	97

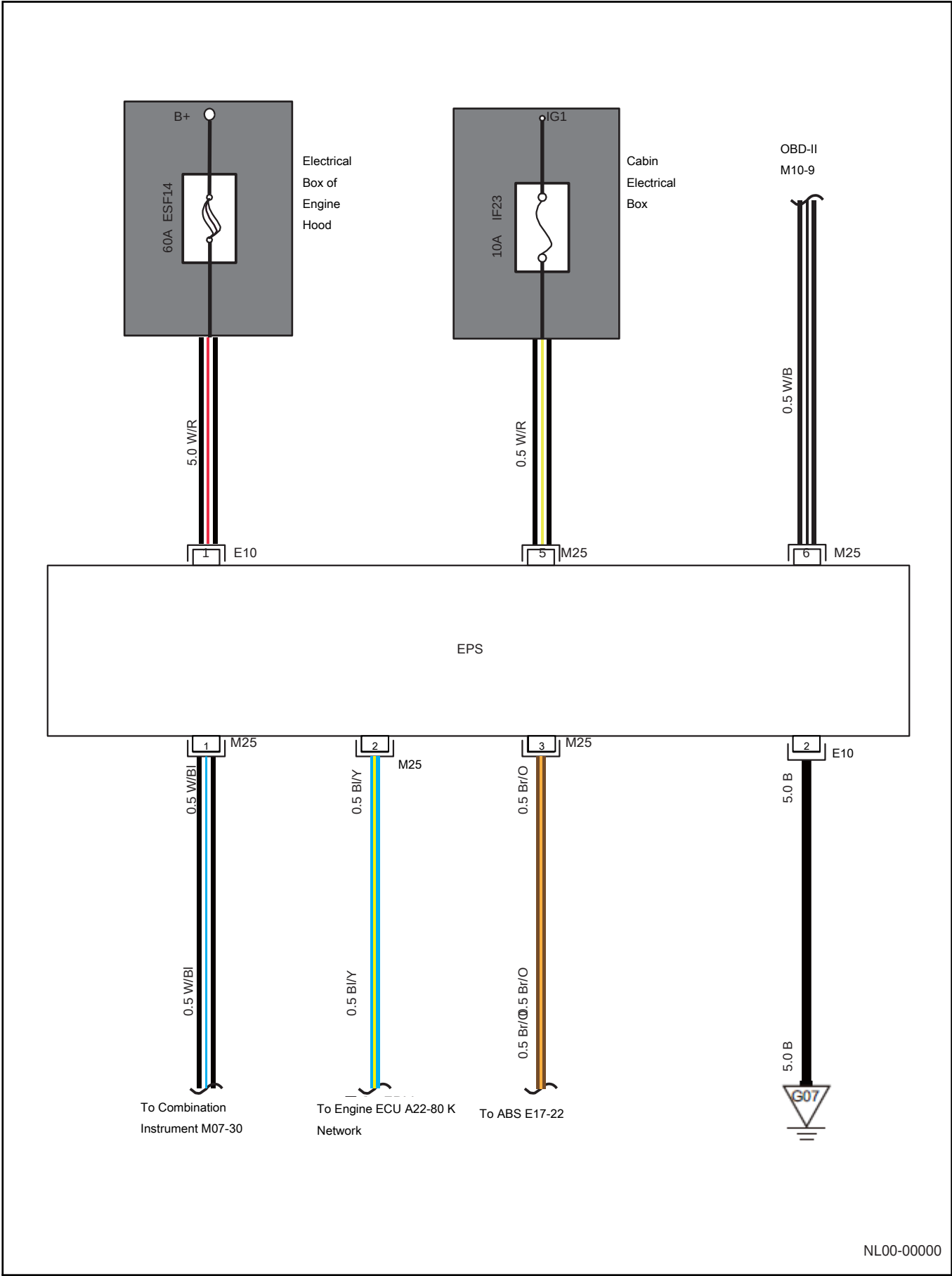
EPS Electronic Power Steering System (H Model)



Harness Connector	Designation	Page Number
E10	Harness Connector of EPS Power Supply	17
M25	Harness Connector of EPS Module Signal	26
M24	Short-Circuiter 2 of CAN Cable	26
G07	Grounding	56

Connection Point	Instruction	Page Number
M24-3	To Short-Circuiter of CAN Cable M24-3	196
M24-10	To Short-Circuiter of CAN Cable M24-10	196

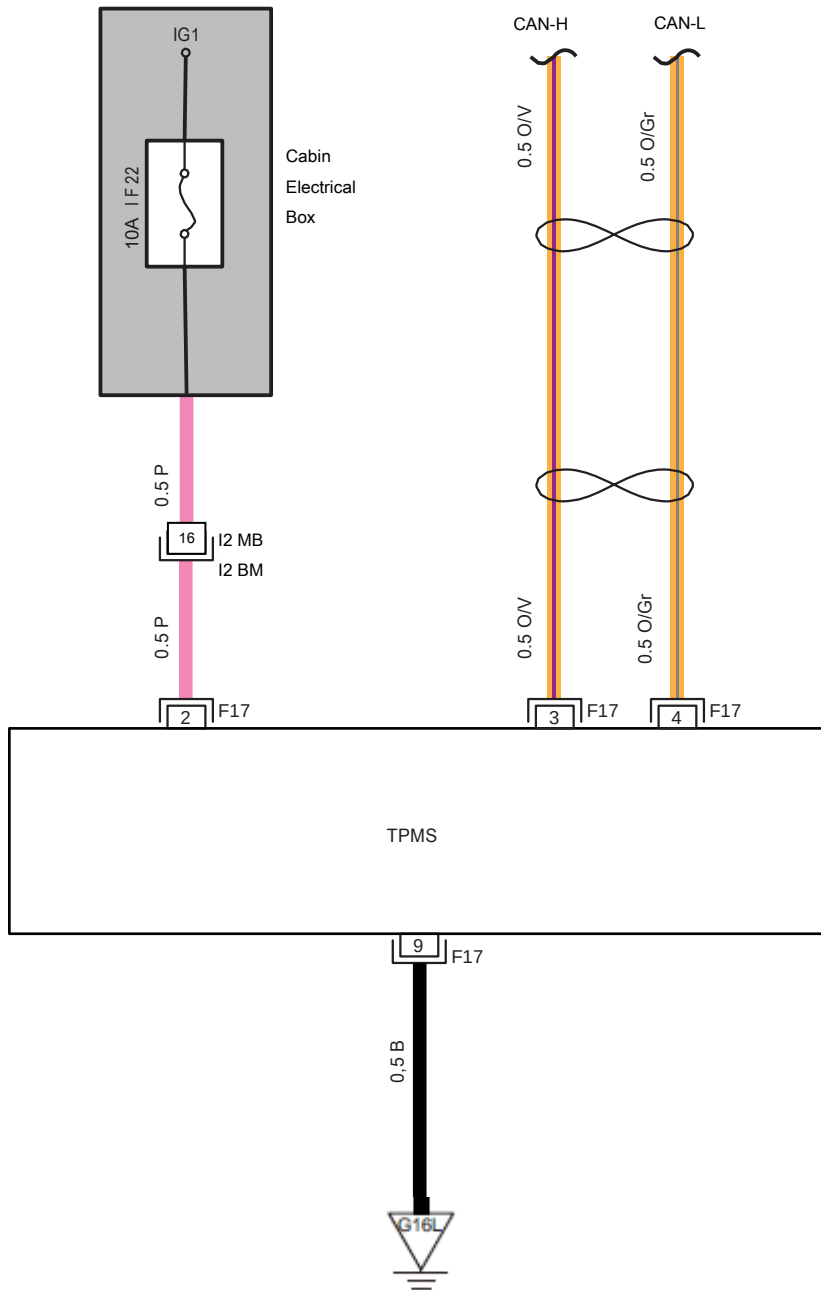
EPS Electronic Power Steering System (L Model)



Harness Connector	Designation	Page Number
E10	Harness Connector of EPS Power Supply	17
M25	Harness Connector of EPS Module Signal	26
M24	Short-Circuiter 2 of CAN Cable	26
M07	Harness Connector of Combination Instrument C2	25
A22	ECU	22
E17	Harness Connector of ESC Module	16
M10	Diagnose Interface	25
G07	Grounding	56

Connection Point	Instruction	Page Number
M10-9	OBD-II M10-9	194
M07-30	To Combination Instrument M07-30	97

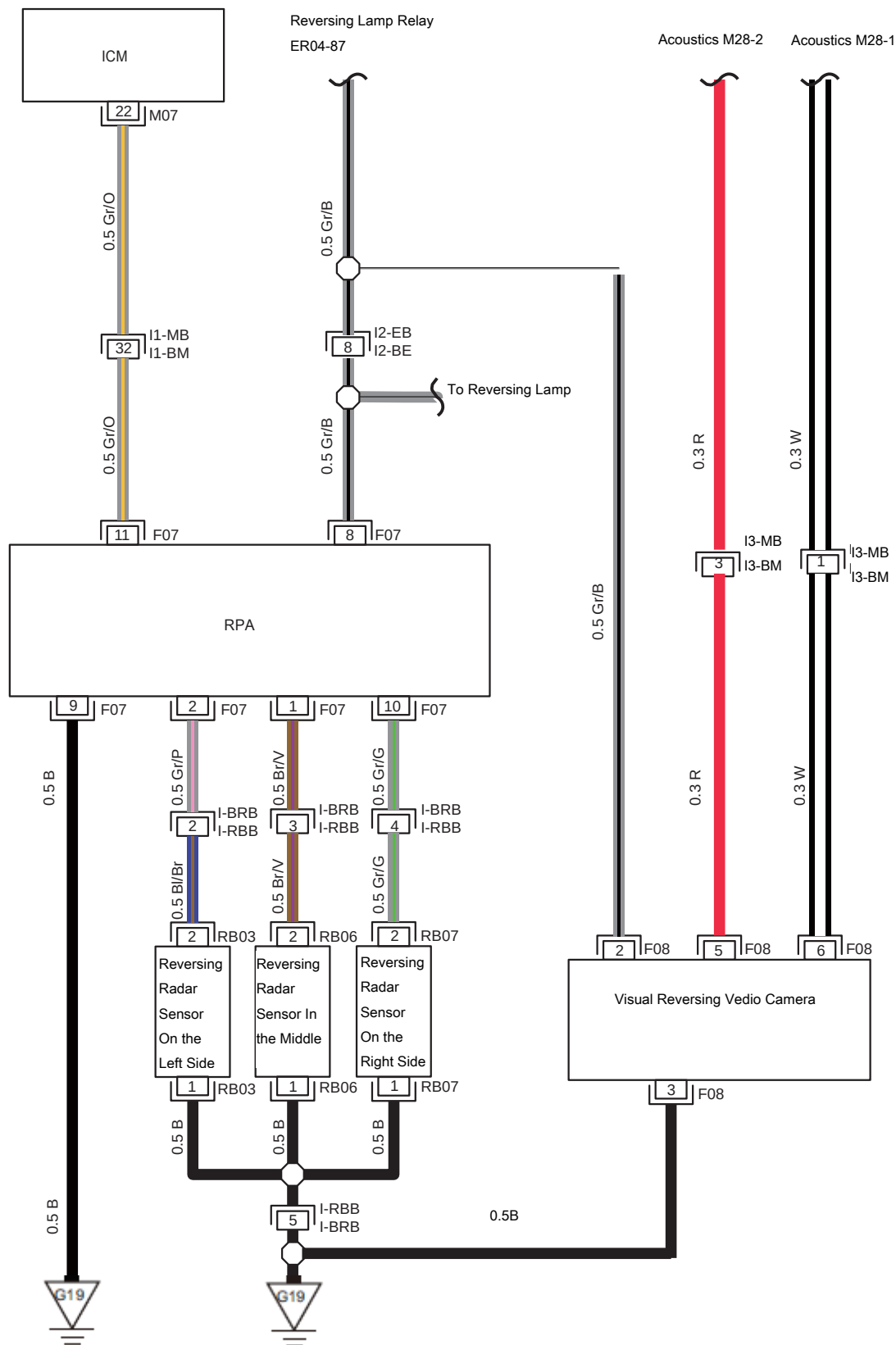
TPMS Tire Pressure Monitoring System



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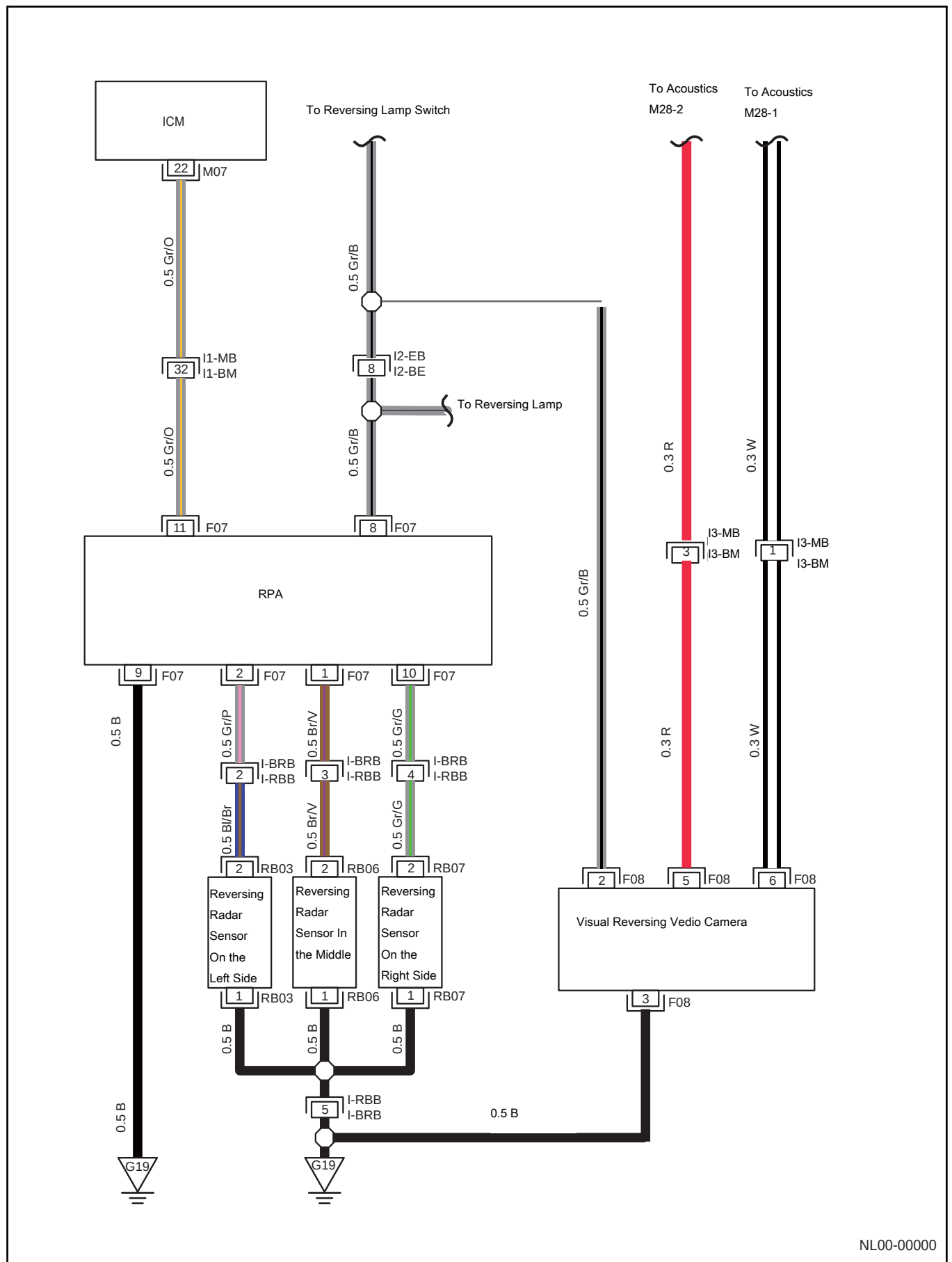
Harness Connector	Designation	Page Number
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting with Main Harness II	35
F17	Tire Pressure Monitoring Module	35
G16L	Grounding	58

Reversing Radar (H Model)

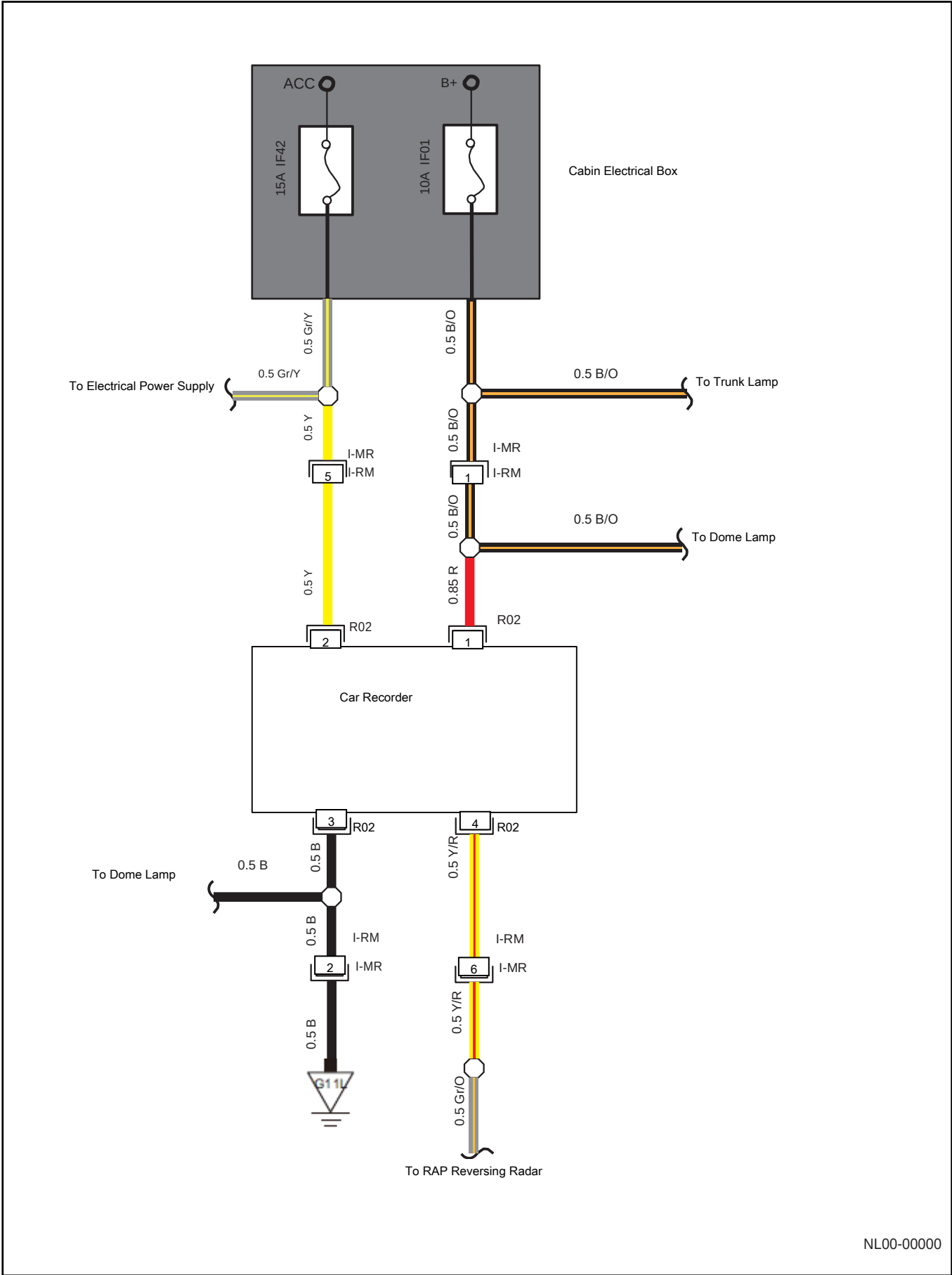


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Reversing Radar (L Model)



Automobile Data Recorder

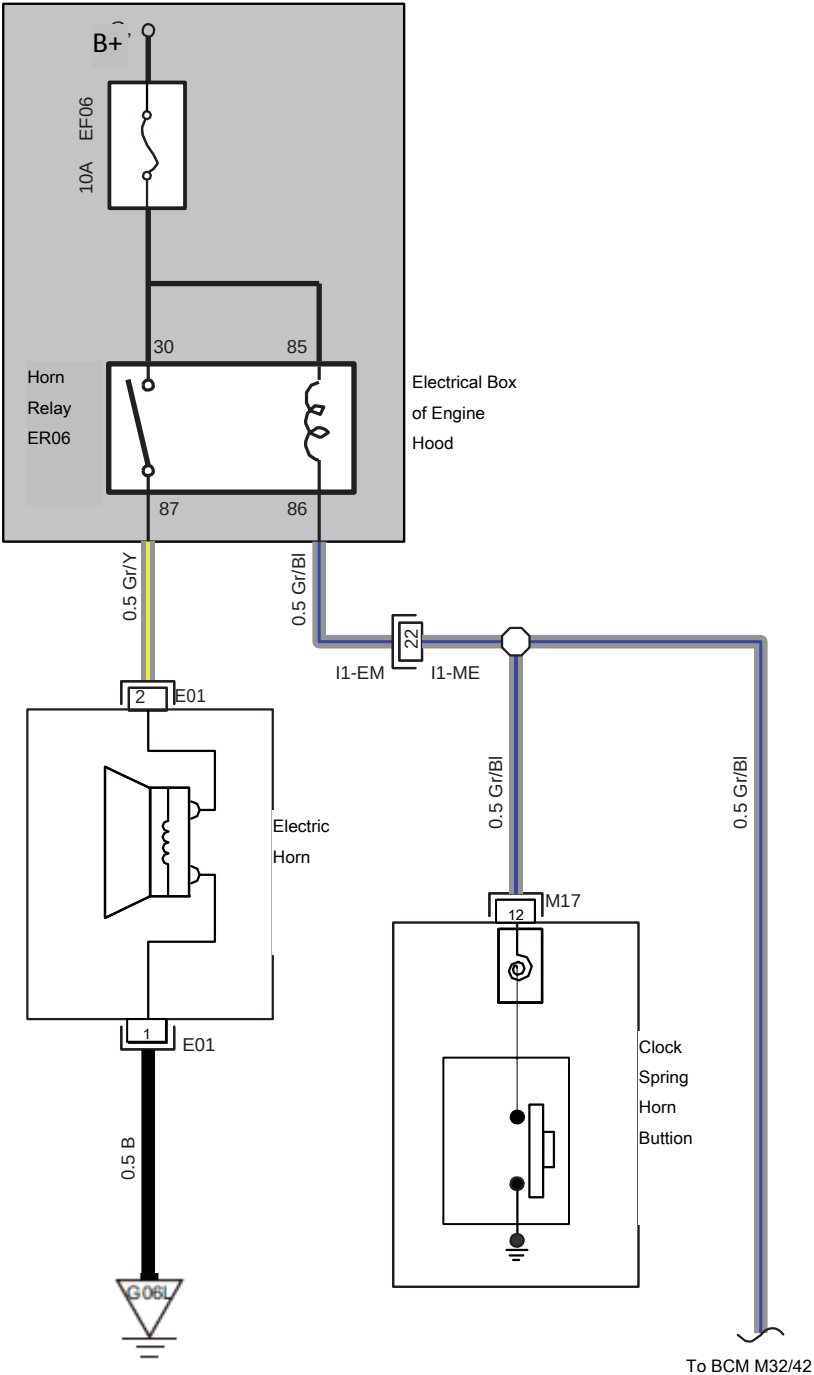


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Harness Connector	Designation	Page Number
M07	Harness Connector of Combination Instrument C2	25
F07	Harness Connector of Reversing Radar Module	36
RB03	Reversing Radar Sensor On the Left Side	52
RB06	Reversing Radar Sensor In the Middle	52
RB07	Reversing Radar Sensor On the Right Side	52
G19	Grounding	58
F08	Harness Connector of Visual Reversing Vehicle Camera	35
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I2-EB	Engine Connecting with Body Harness II	17
I2-BE	Body Connecting with Engine Harness II	35
I-BRB	Body Connecting with Reversing Radar Harness	35
I-RBB	Reversing Radar Harness Connecting with Body Harness	52
I3-MB	Main Harness Connecting with Body HarnessIII	25
I3-BM	Body Connecting with Main Harness III	35

Connection Point	Instruction	Page Number
F08-2	To Reversing Lamp Switch	121
F08-5	To Speaker M28-2	160
F08-6	To Speaker M28-1	160
F07-8	To Reversing Lamp	119/121

Horn

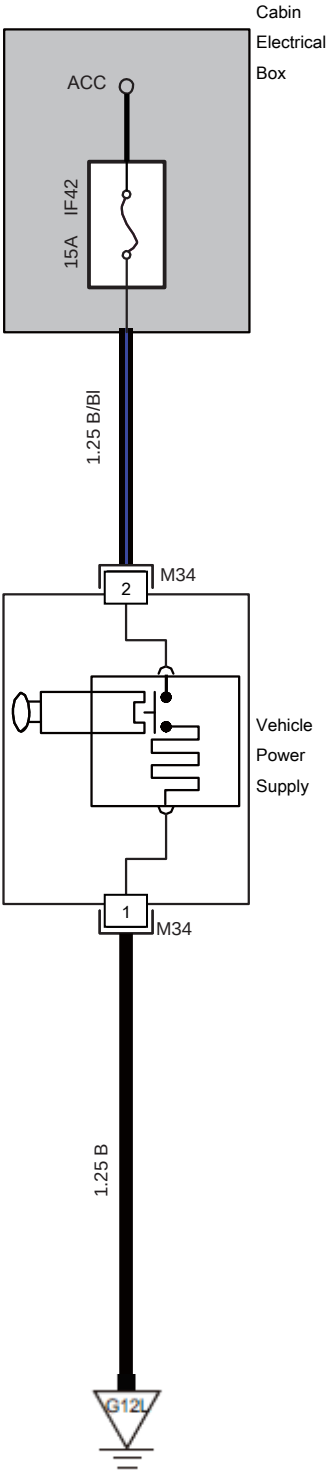


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Harness Connector	Designation	Page Number
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-ME	Main Harness Connecting with Engine Harness I	25
E01	Harness Connector of Electric Horn	16
M17	Clock Spring _ Harness Connector of Horn	26
G06L	Grounding	56

Connection Point	Instruction	Page Number
M17-12	To BCM M32-42	133

Vehicle Power Supply



NL13-08025

Harness Connector	Designation	Page Number
M34	Harness Connector of Vehicle Power Supply	26
G12L	Grounding	57



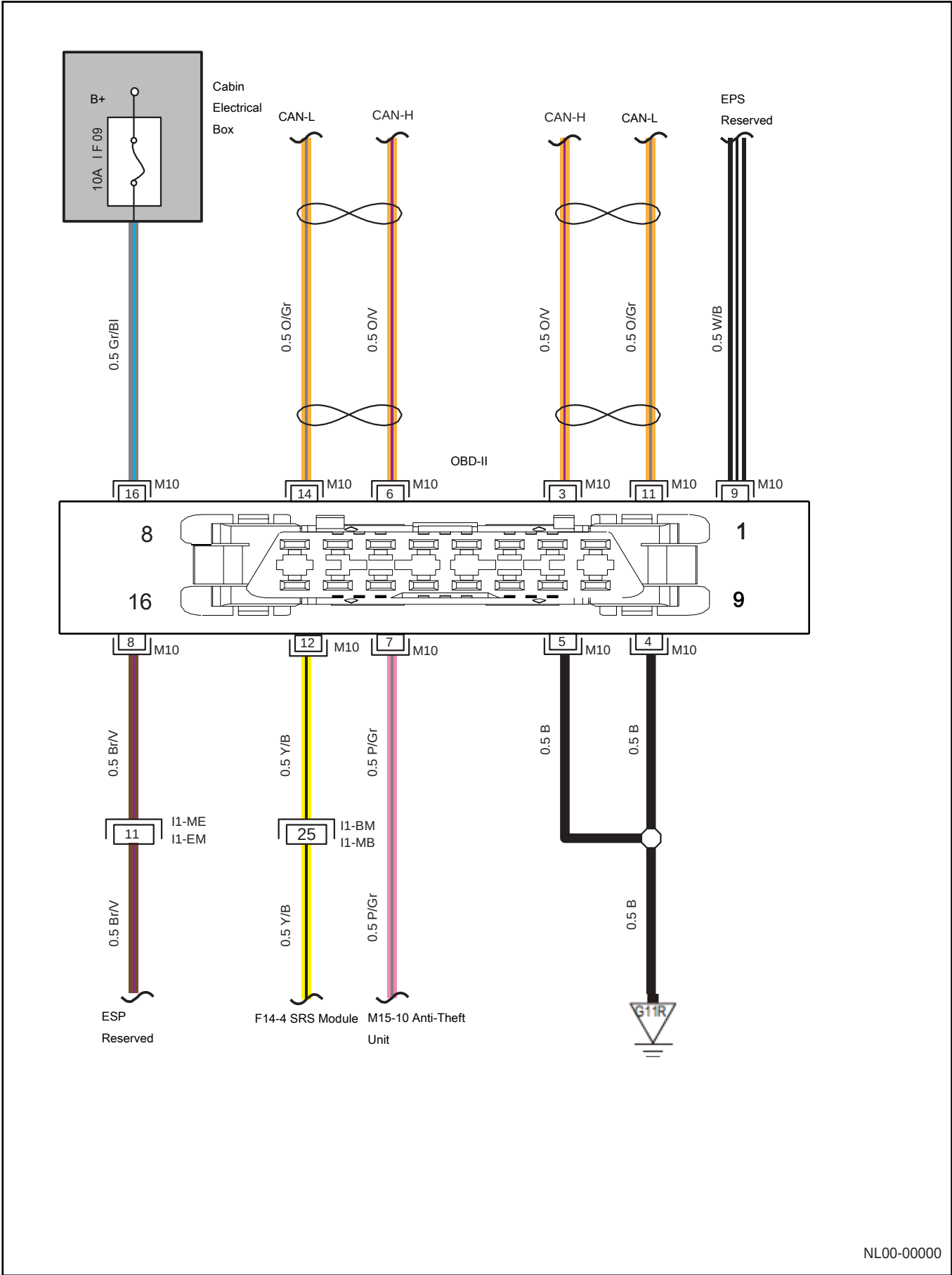
Harness Connector	Designation	Page Number
I2-ME	Main Harness Connecting with Engine Harness II	25
I2-EM	Engine Harness Connecting with Main Harness II	17
I1-MB	Main Harness Connecting with Body Harness I	25
I1-BM	Body Connecting with Main Harness I	35
I-BFLD	Body Connecting with Left Front Door Harness	35
D07	Main Switch of Left Front Window	42
M31	Harness Connector of Body Control Module C1	26
M32	Harness Connector of Body Control Module C2	26
D06	Left Front Window Motor (Anti-Pinch)	42
D03	Left Front Window Motor	42
G15R	Grounding	58
G15L	Grounding	58



Harness Connector	Designation	Page Number
D07	Main Switch of Left Front Window	42
D16	Harness Connector of Right Front Window Switch	43
D24	Harness Connector of Left Rear Window Switch	42
D34	Harness Connector of Right Rear Window Switch	43
D21	Harness Connector of Left Rear Window Motor	42
D12	Right Front Window Motor	43

Connection Point	Instruction	Page Number
D07-13	To BCM M32-5	133
D07-14	To BCM M32-38	133

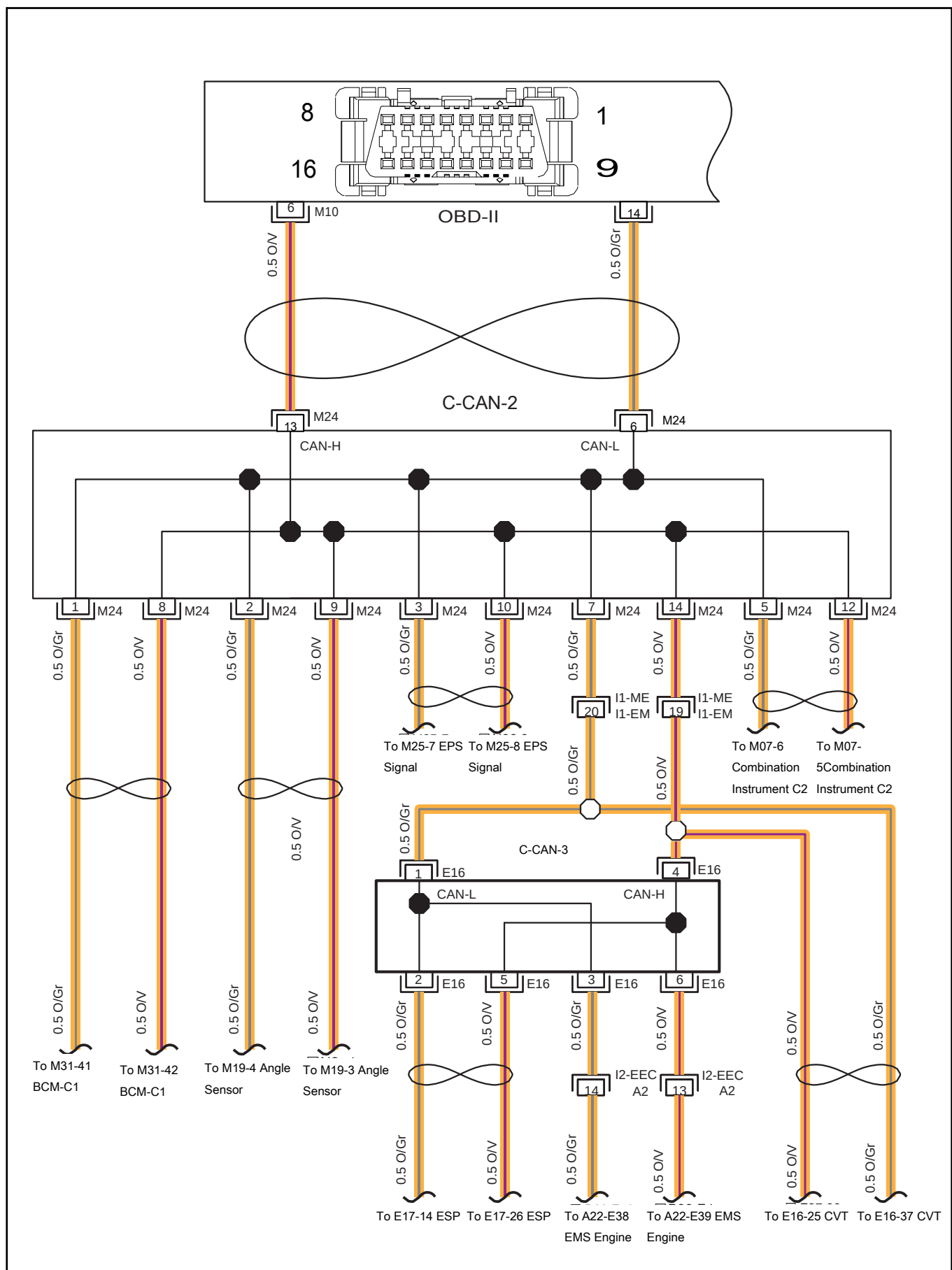
Diagnose Interface



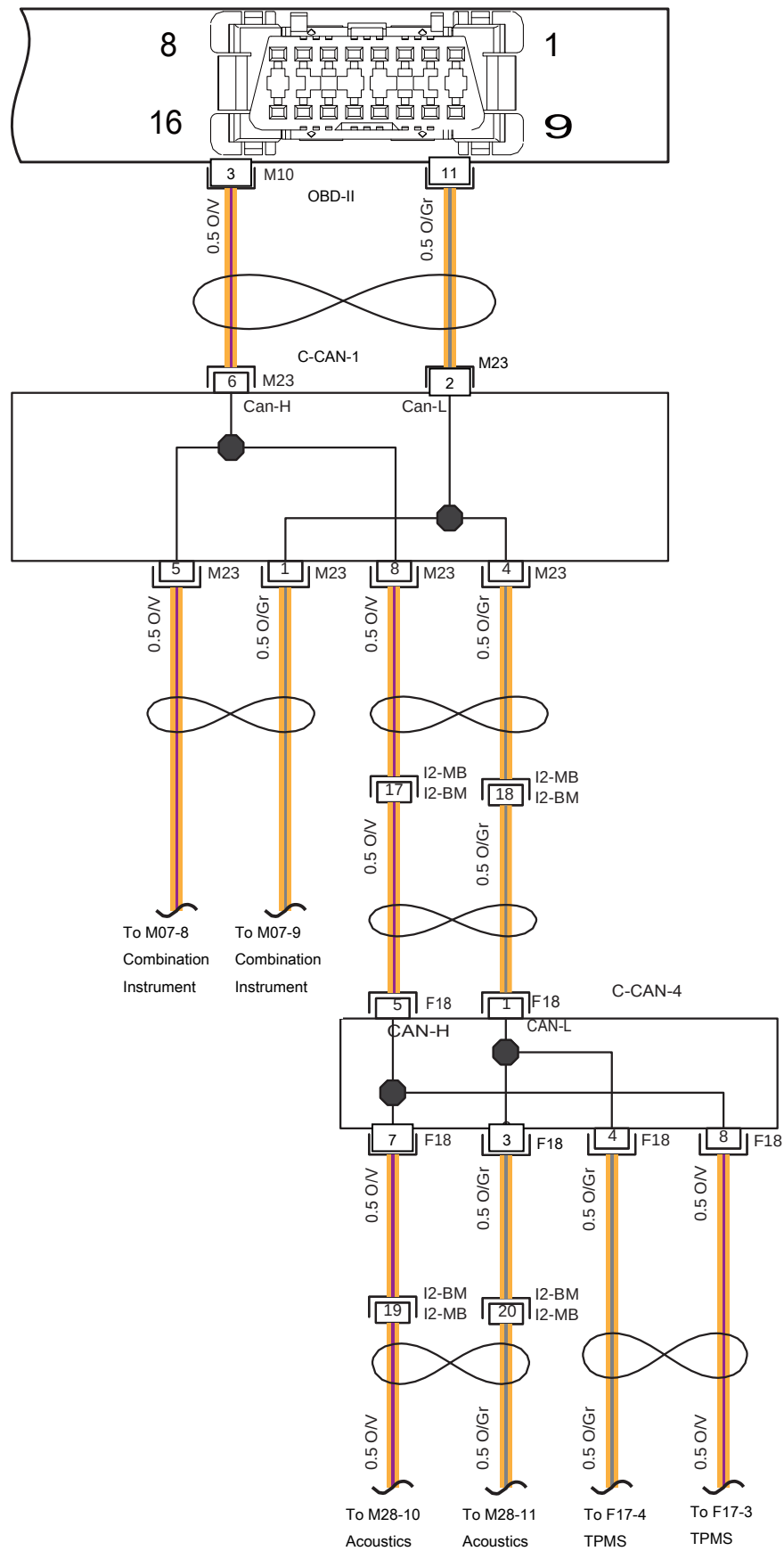
Harness Connector	Designation	Page Number
M10	Diagnose Interface	25
I1-EM	Engine Harness Connecting with Main Harness I	17
I1-BM	Body Connecting with Main Harness I	35
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-MB	Main Harness Connecting with Body Harness I	25
G11R	Grounding	57

Connection Point	Instruction	Page Number
M10-3	To CAN-H	197
M10-6	To CAN-H	196
M10-7	To M15-10 Antitheft Unit	93
M10-11	To CAN-L	197
M10-12	To SRS Module F14-3	164
M10-14	To CAN-L	196

CAN Data Communication Network 1



197CAN Data Communication Network 2



NL13-08025

Harness Connector	Designation	Page Number
M10	Diagnose Interface	25
M24	Short-Circuiterc2 of CAN Cable	26
M25	Harness Connector of EPS Module Signal	26
M19	Harness Connector of Angle Sensor	26
M31	Harness Connector of Body Control Module C1	26
M07	Harness Connector of Combination Instrument C2	25
E16	Short-Circuiter 3 of CAN Cable	26
I1-ME	Main Harness Connecting with Engine Harness I	25
I1-EM	Engine Harness Connecting with Main Harness I	17
A2	Connector 2	22
M10	Diagnose Interface	25
M28	Audio3 Harness Connector	26
M07	Harness Connector of Combination Instrument C2	25
F18	Short-Circuiter 4 of CAN Cable	26
F17	Tire Pressure Monitoring Module	35
I2-MB	Main Harness Connecting with Body Harness II	25
I2-BM	Body Connecting with Main Harness II	35

Connection Point	Instruction	Page Number
M24-1	To BCM-C1 M31-41	131
M24-8	To BCM-C1 M31-42	131
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