LF CONTROL UNIT INSPECTION

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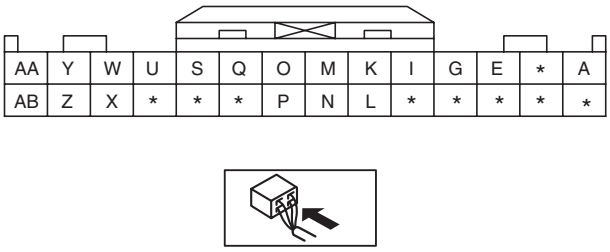
1. Remove the service hole cover on the front side trim. (See LF CONTROL UNIT REMOVAL/INSTALLATION.)
2. Verify that the voltages of each of the terminals are as indicated in the terminal voltage table (reference).
   - If the voltage is not as specified in the terminal voltage table (reference), inspect the parts under Inspection item(s).
     — If the system does not work normally even though the inspection items are normal, replace the LF control unit.

Terminal Voltage Table (Reference)

LF CONTROL UNIT
WIRING HARNESS SIDE CONNECTOR



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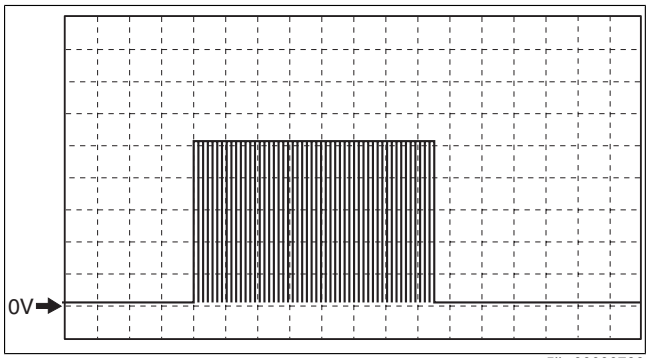
Terminal	Signal name	Connected to	Measurement conditions	Voltage (V)	Inspection item (s)
A	Power supply	ROOM 15 A fuse	Under any condition	B+	• ROOM 15 A fuse • Battery • Related wiring harness
E	Request switch signal (Driver's side)	Request switch (RF)	When driver's side request switch is pressed	1.0 or less	• Front outer handle (driver's side) • Related wiring harness
			When driver's side request switch is not pressed	5.0	
G	Request switch signal (Passenger's side)	Request switch (LF)	When passenger's side request switch is pressed	1.0 or less	• Front outer handle (passenger's side) • Related wiring harness
			When passenger's side request switch is not pressed	5.0	
I	Request switch signal (liftgate)	Request switch (Liftgate)	When liftgate request switch is pressed	1.0 or less	• Request switch (Liftgate) • Related wiring harness
			When liftgate request switch is not pressed	5.0	
L	Keyless beeper power supply	Keyless beeper	When lock button on remote transmitter is pressed	Wave pattern (See Pattern 1.)	• Related wiring harness • Keyless beeper
			Except above	1.0 or less	
N	GROUND	Keyless beeper	Under any condition	1.0 or less	• Related wiring harness • Keyless beeper
O	Keyless antenna (interior, front)	Keyless antenna (interior, front)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
Q	Keyless antenna (interior, front)	Keyless antenna (interior, front)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
S	Keyless antenna (LF)	Keyless antenna (LF)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
U	Keyless antenna (LF)	Keyless antenna (LF)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
W	Keyless antenna (RF)	Keyless antenna (RF)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		

Terminal	Signal name	Connected to	Measurement conditions	Voltage (V)	Inspection item (s)
X	Keyless antenna (interior, rear)	Keyless antenna (interior, rear)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
Y	Keyless antenna (RF)	Keyless antenna (RF)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
Z	Keyless antenna (interior, rear)	Keyless antenna (interior, rear)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
AA	Keyless antenna (exterior, rear)	Keyless antenna (exterior, rear)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
AB	Keyless antenna (exterior, rear)	Keyless antenna (exterior, rear)	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		

Inspection Using an Oscilloscope (Reference)
Pattern 1

- LF control unit: L (+) ↔ body ground (-)
- Oscilloscope setting: 2 V/DIV (Y), 100 ms/DIV (X), DC range



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