

2012 - Mazda6 - Body and Accessories

KEYLESS RECEIVER INSPECTION [KEYLESS ENTRY SYSTEM]

1. Remove the glove compartment. (See [GLOVE COMPARTMENT REMOVAL/ INSTALLATION](#).)
2. Measure the voltage according to the terminal voltage table.

• If the voltages cannot be verified as indicated in the terminal voltage table, inspect the parts under "Inspection item(s)".

▪ If the system does not work normally even though the parts or related wiring harnesses do not have any malfunction, replace the keyless receiver.

3. Disconnect the negative battery cable.
- Terminal Voltage Table (Reference)
- KEYLESS RECEIVER WIRING HARNESS-SIDE CONNECTOR
- | Terminal | Signal name | Connected to | Measurement condition | Voltage (V) | Inspection item(s) |
|----------|--------------|-----------------|----------------------------|-------------|---|
| A | Power supply | ROOM 15 A fuse | Under any condition | B+ | <div><div>• ROOM 15 A fuse</div><div>• Battery</div></div> |
| B | IG1 | METER 15 A fuse | Switch the ignition to ON | B+ | <div><div>• METER 15 A fuse</div><div>• Battery</div></div> |
| | | | Switch the ignition to off | 1.0 or less | |

D	DATA	BCM	Terminal used for communication therefore determination based on terminal voltage inspection not possible.		BCM
E	GND	Body ground	Under any condition	1.0 or less	Ground

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