

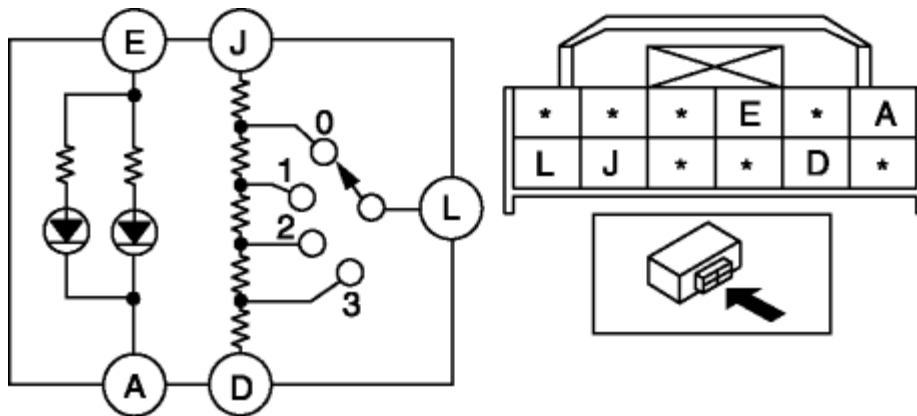
2012 - Mazda6 - Body and Accessories

HEADLIGHT LEVELING SWITCH INSPECTION

1. Remove the following parts:

- a. Front scuff plate (driver-side) (See [FRONT SCUFF PLATE REMOVAL/ INSTALLATION.](#))
- b. Front side trim (driver-side) (See [FRONT SIDE TRIM REMOVAL/ INSTALLATION.](#))
- c. Upper panel (See [UPPER PANEL REMOVAL/ INSTALLATION.](#))
- d. Decoration panel (driver-side) (See [DECORATION PANEL REMOVAL/ INSTALLATION.](#))
- e. Hood release lever (See [HOOD LATCH AND RELEASE LEVER REMOVAL/ INSTALLATION.](#))
- f. Meter hood (See [METER HOOD REMOVAL/ INSTALLATION.](#))
- g. Lower panel (driver-side) (See [LOWER PANEL REMOVAL/ INSTALLATION.](#))
- h. Headlight leveling switch (See [HEADLIGHT LEVELING SWITCH REMOVAL/ INSTALLATION.](#))

2. Verify that the resistance between the headlight leveling switch terminals is as indicated in the table.



- If not as indicated in the table, or if the resistance is not within the specification, replace the headlight leveling switch.

○—w—○ : Resistance

Switch position	Terminal		
	D	L	J
0			
1			
2			
3			

R_1 : 1,792 ohms R_2 : 200 ohms R_3 : 1,400 ohms R_4 : 592 ohms
 R_5 : 1,200 ohms R_6 : 792 ohms R_7 : 1,000 ohms R_8 : 992 ohms

3. Apply battery voltage to headlight leveling switch terminal E, and connect terminal A to ground.

4. Verify that the LED illuminates.

- If there is any malfunction, replace the headlight leveling switch.

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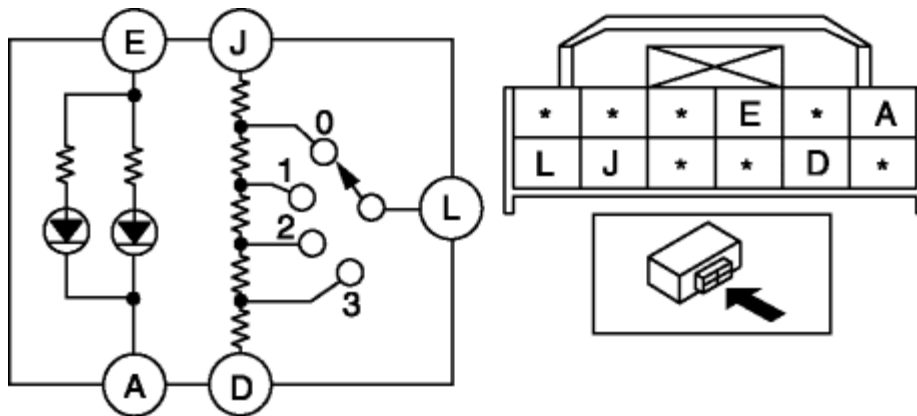
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