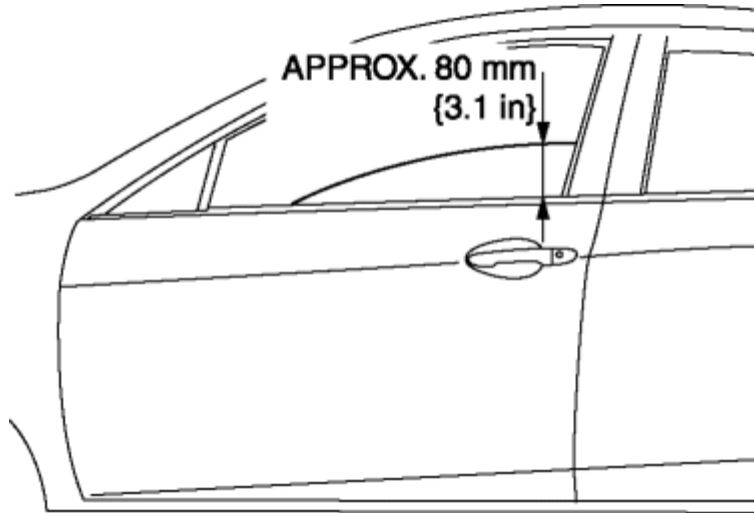


2012 - Mazda6 - Body and Accessories

FRONT DOOR KEY CYLINDER SWITCH INSPECTION

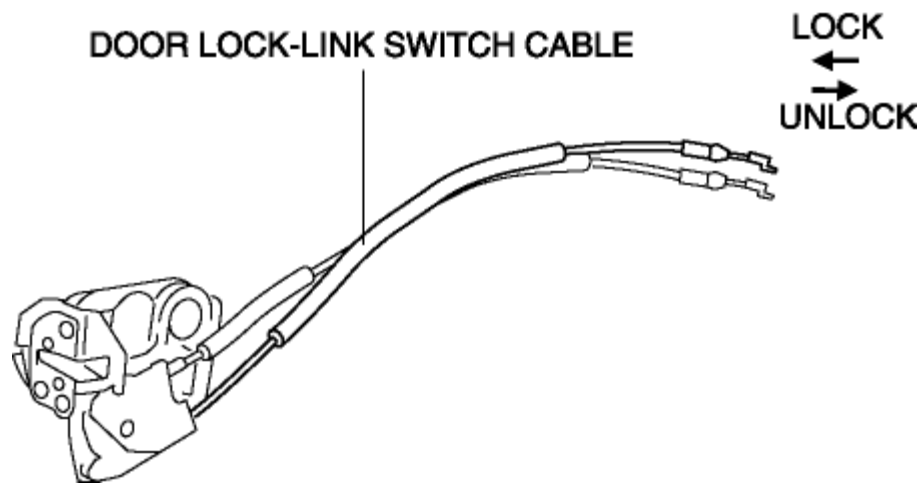
1. To access the glass installation bolt, position the front door glass so that the distance from the top of the front door glass to the upper part of the front beltline molding is **approx. 80 mm { 3.1 in}** .



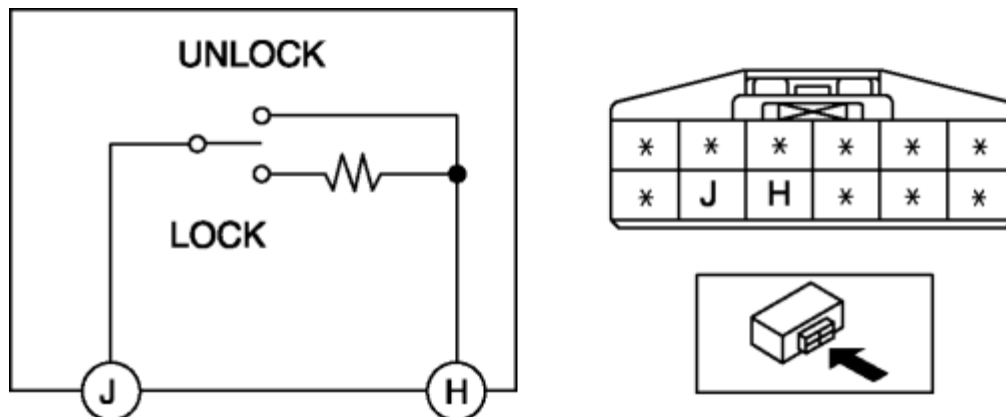
2. Disconnect the negative battery cable.
3. Remove the following parts:
 - a. Inner garnish (See [INNER GARNISH REMOVAL/ INSTALLATION.](#))
 - b. Front door trim (See [FRONT DOOR TRIM REMOVAL/ INSTALLATION.](#))
 - c. Front door speaker (See [FRONT DOOR SPEAKER REMOVAL/ INSTALLATION](#))
 - d. Front door glass (See [FRONT DOOR GLASS REMOVAL/ INSTALLATION.](#))
 - e. Front door module panel (See [FRONT DOOR MODULE PANEL REMOVAL/ INSTALLATION.](#))
 - f. Front door latch and lock actuator (See [FRONT DOOR LATCH AND LOCK ACTUATOR REMOVAL/ INSTALLATION.](#))
4. If the door lock condition is to be inspected, pull the door lock-link switch cable, or press it in.

NOTE:

- The door lock-link switch cable locks or unlocks only when the latch lever is locked.



5. Verify that the continuity is as indicated in the table.



- If not as indicated in the table, replace the front door latch and lock actuator.

○—○ : Continuity

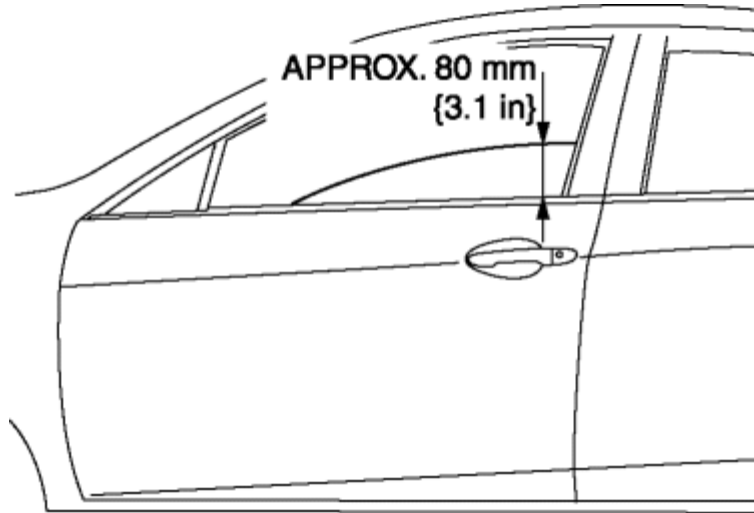
Key cylinder position	Terminal	
	J	H
Unlock	○	○
Lock	○	○

R: 1 kilohm

2012 - Mazda6 - Body and Accessories

FRONT DOOR KEY CYLINDER SWITCH INSPECTION

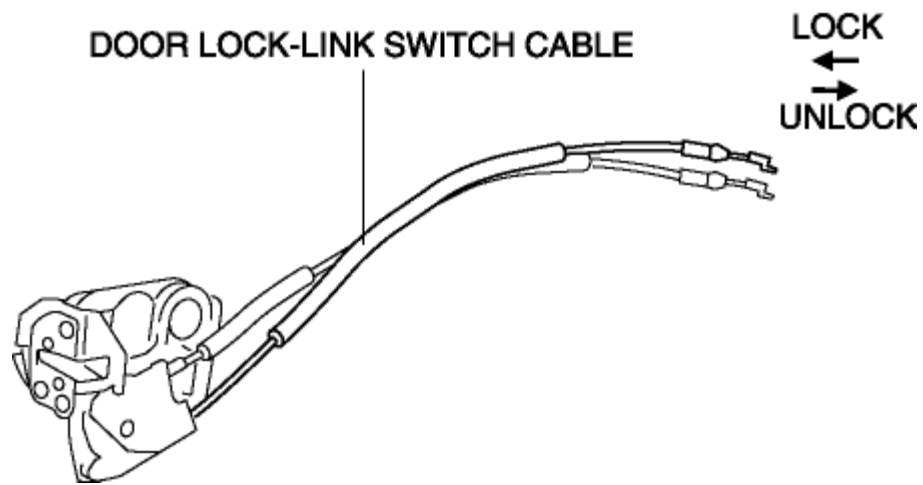
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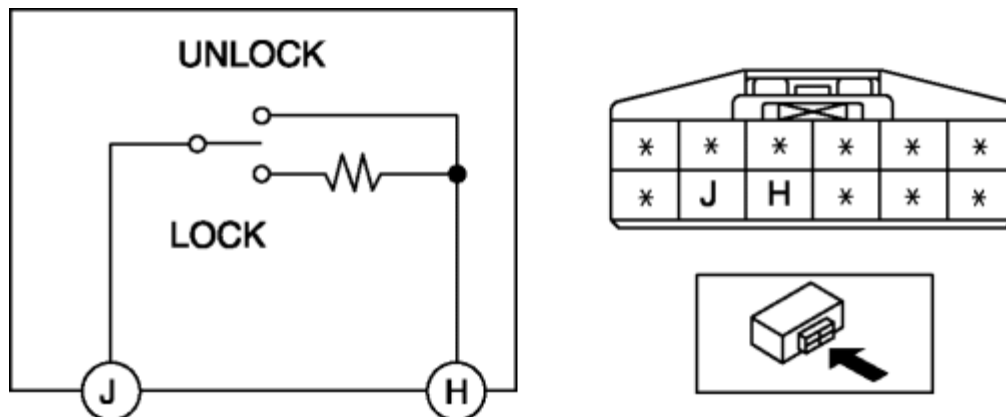
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Key cylinder position	Terminal	
	J	H
Unlock	○	○
Lock	○	○

R: 1 kilohm