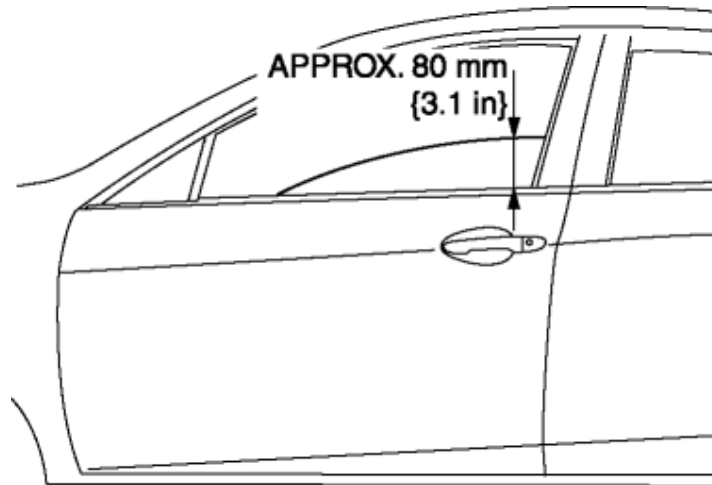


2012 - Mazda6 - Body and Accessories

DOOR LOCK-LINK SWITCH INSPECTION

Font Door Lock-link Inspection

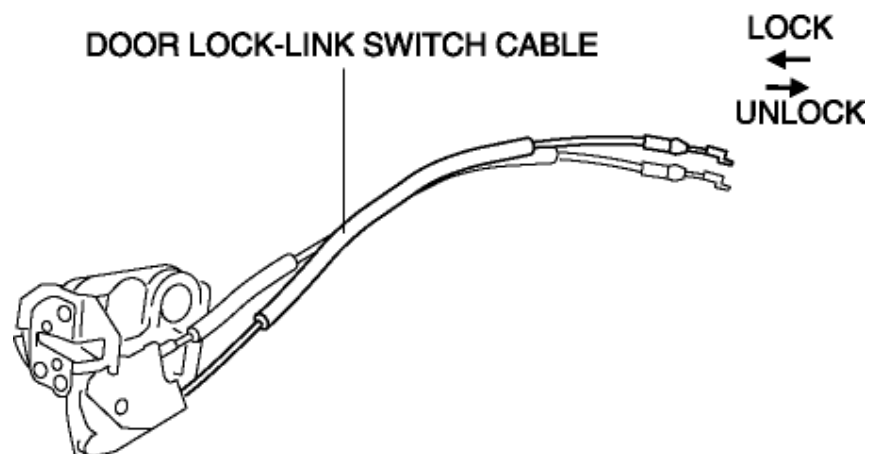
1. To access the glass installation bolt, position the front door glass so that the distance from the top of the front door glass to the upper part of the front beltline molding is **approx. 80 mm { 3.1 in }**.



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.

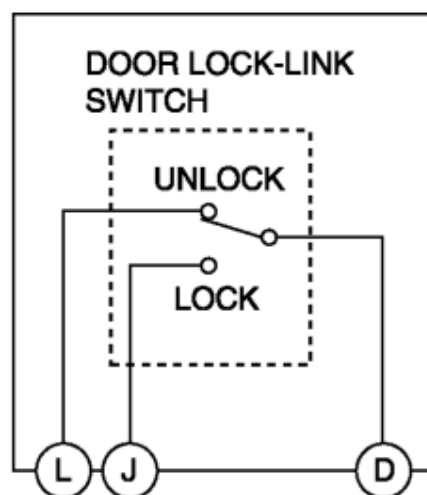
NOTE:

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

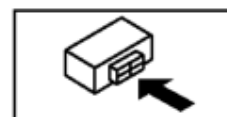


5. Verify that the continuity is as indicated in the table.

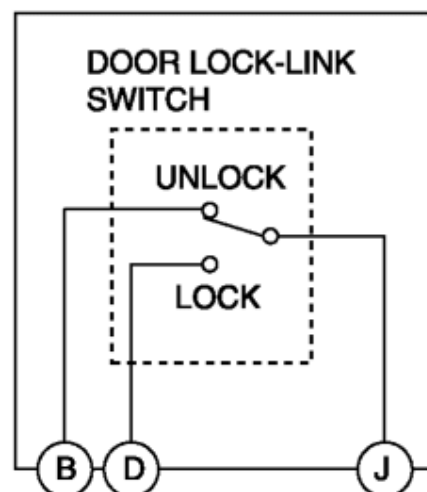
RH



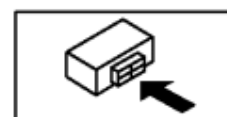
*	*	*	*	*	*
L	J	*	*	D	*



LH



*	*	*	*	*	*
*	J	*	*	D	B



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

○—○ : CONTINUITY

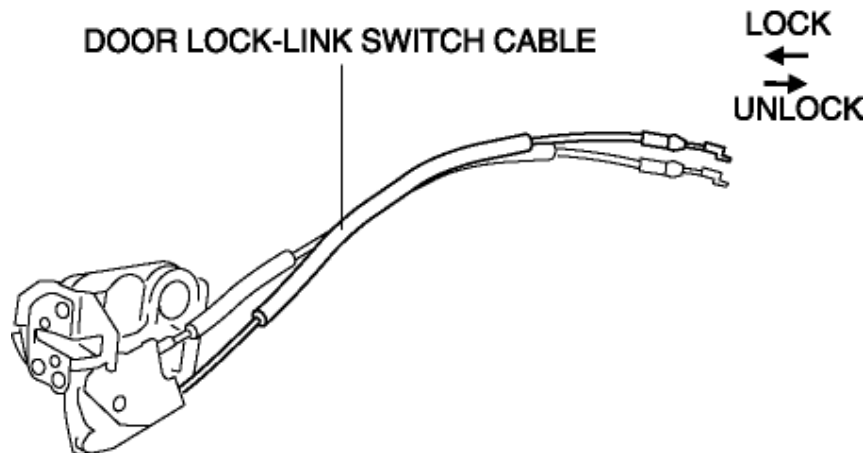
LOCK KNOB POSITION	TERMINAL		
	RH:J LH:D	RH:D LH:J	RH:L LH:B
LOCK	○—	○—	
UNLOCK		○—	○—

Rear Door Lock-link Inspection

1. Fully open the rear door glass.
2. Disconnect the negative battery cable.
3. Remove the following parts:
 - a. Inner garnish (See [INNER GARNISH REMOVAL/ INSTALLATION.](#))
 - b. Rear door trim (See [REAR DOOR TRIM REMOVAL/ INSTALLATION.](#))
 - c. Rear inner handle (See [INNER HANDLE REMOVAL/ INSTALLATION.](#))
 - d. Rear door speaker (See [REAR DOOR SPEAKER REMOVAL/ INSTALLATION.](#))
 - e. Rear door quarter glass (See [REAR DOOR QUARTER GLASS REMOVAL/ INSTALLATION.](#))
 - f. Rear door glass (See [REAR DOOR GLASS REMOVAL/ INSTALLATION.](#))
 - g. Rear door module panel (See [REAR DOOR MODULE PANEL REMOVAL/ INSTALLATION.](#))
 - h. Rear door latch and lock actuator (See [REAR 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.

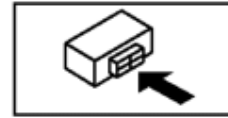
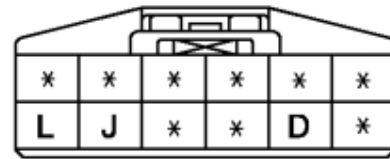
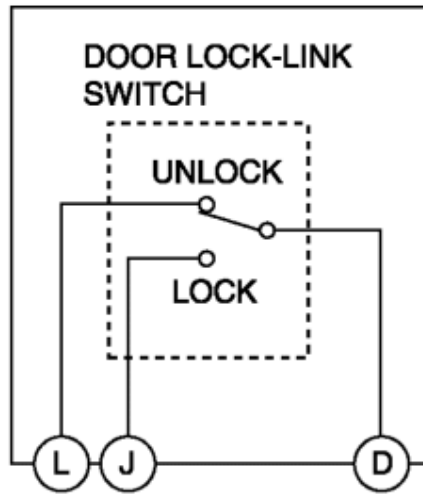
NOTE:

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

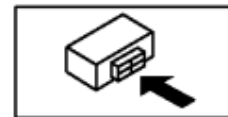
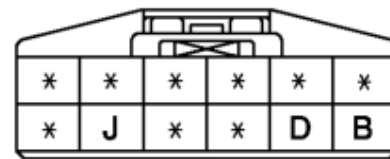
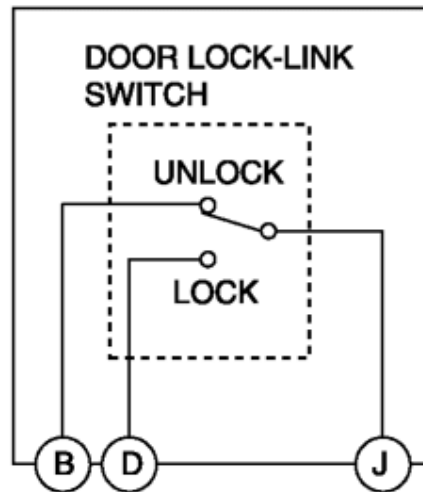


5. Verify that the continuity is as indicated in the table.

RH



LH



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

○—○ : CONTINUITY

LOCK KNOB POSITION	TERMINAL		
	RH:J LH:D	RH:D LH:J	RH:L LH:B
LOCK	○—○		
UNLOCK		○—○	

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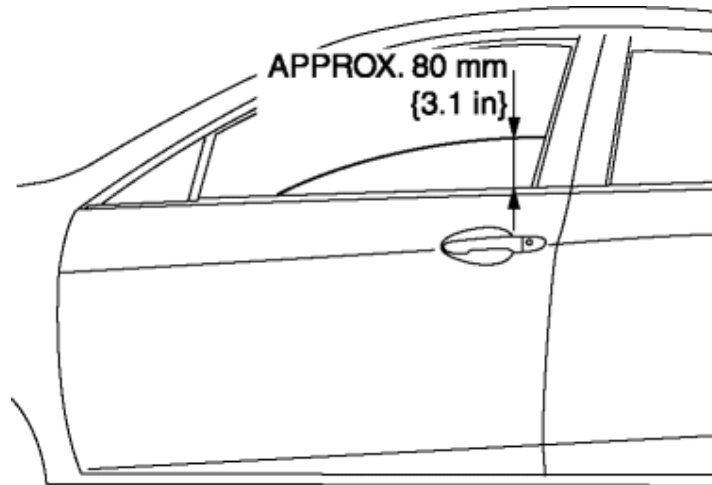
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2012 - Mazda6 - Body and Accessories

DOOR LOCK-LINK SWITCH INSPECTION

Font Door Lock-link Inspection

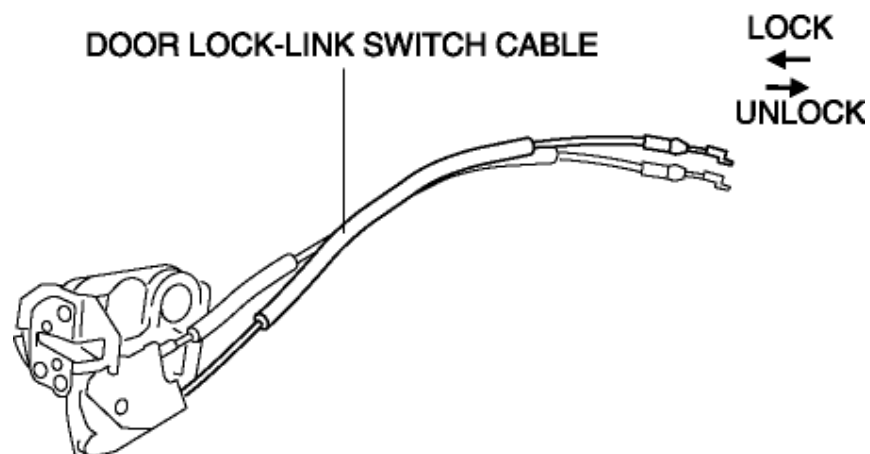
1. To access the glass installation bolt, position the front door glass so that the distance from the top of the front door glass to the upper part of the front beltline molding is **approx. 80 mm { 3.1 in }**.



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.

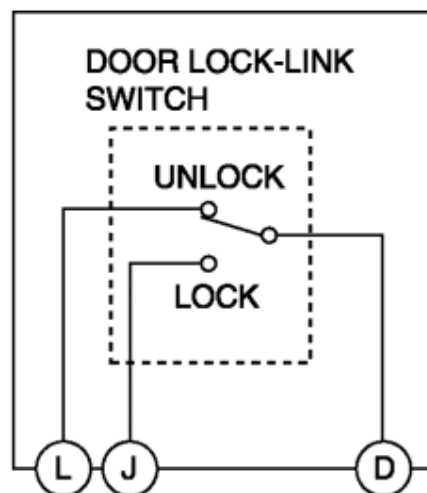
NOTE:

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

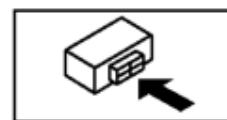


5. Verify that the continuity is as indicated in the table.

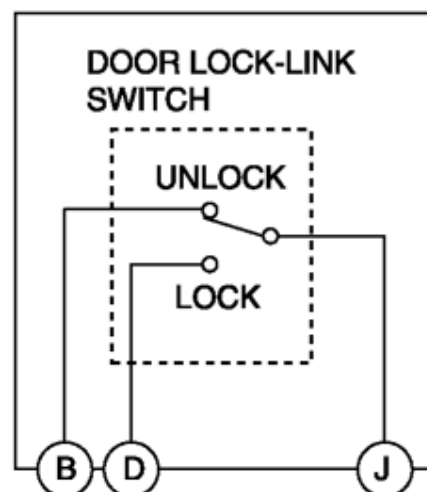
RH



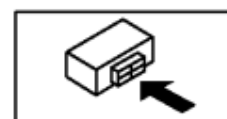
*	*	*	*	*	*
L	J	*	*	D	*



LH



*	*	*	*	*	*
*	J	*	*	D	B



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

○—○ : CONTINUITY

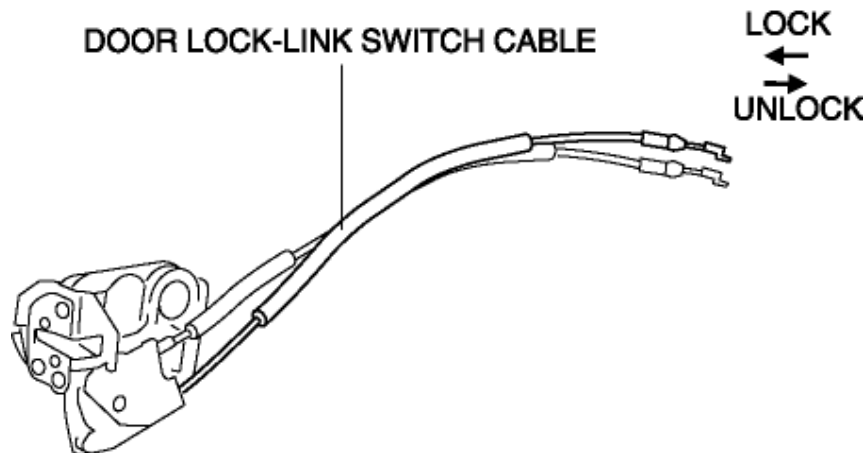
LOCK KNOB POSITION	TERMINAL		
	RH:J LH:D	RH:D LH:J	RH:L LH:B
LOCK	○—	○—	
UNLOCK		○—	○—

Rear Door Lock-link Inspection

1. Fully open the rear door glass.
2. Disconnect the negative battery cable.
3. Remove the following parts:
 - a. Inner garnish (See [INNER GARNISH REMOVAL/ INSTALLATION.](#))
 - b. Rear door trim (See [REAR DOOR TRIM REMOVAL/ INSTALLATION.](#))
 - c. Rear inner handle (See [INNER HANDLE REMOVAL/ INSTALLATION.](#))
 - d. Rear door speaker (See [REAR DOOR SPEAKER REMOVAL/ INSTALLATION.](#))
 - e. Rear door quarter glass (See [REAR DOOR QUARTER GLASS REMOVAL/ INSTALLATION.](#))
 - f. Rear door glass (See [REAR DOOR GLASS REMOVAL/ INSTALLATION.](#))
 - g. Rear door module panel (See [REAR DOOR MODULE PANEL REMOVAL/ INSTALLATION.](#))
 - h. Rear door latch and lock actuator (See [REAR 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.

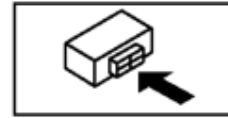
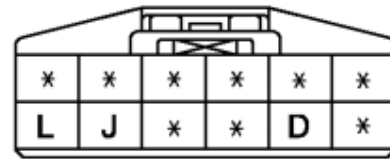
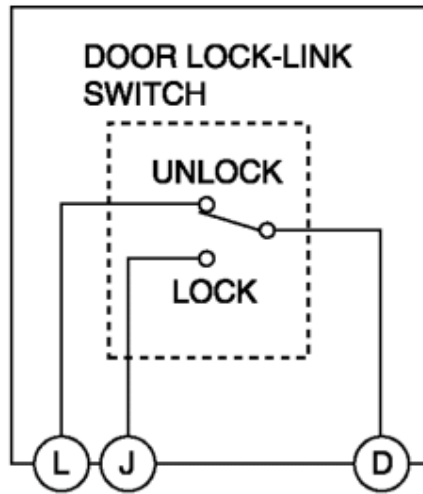
NOTE:

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

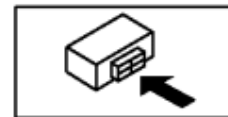
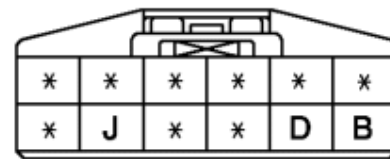
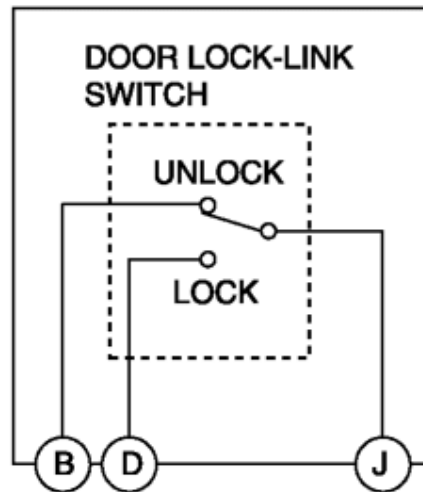


5. Verify that the continuity is as indicated in the table.

RH



LH



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

○—○ : CONTINUITY

LOCK KNOB POSITION	TERMINAL		
	RH:J LH:D	RH:D LH:J	RH:L LH:B
LOCK	○—○		
UNLOCK		○—○	

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