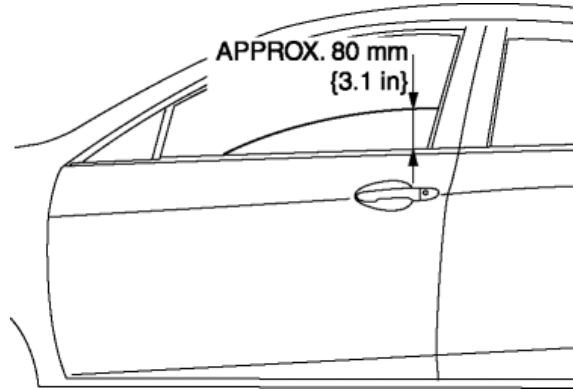


## 2012 - Mazda6 - Body and Accessories

### FRONT DOOR LOCK ACTUATOR 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 }**.

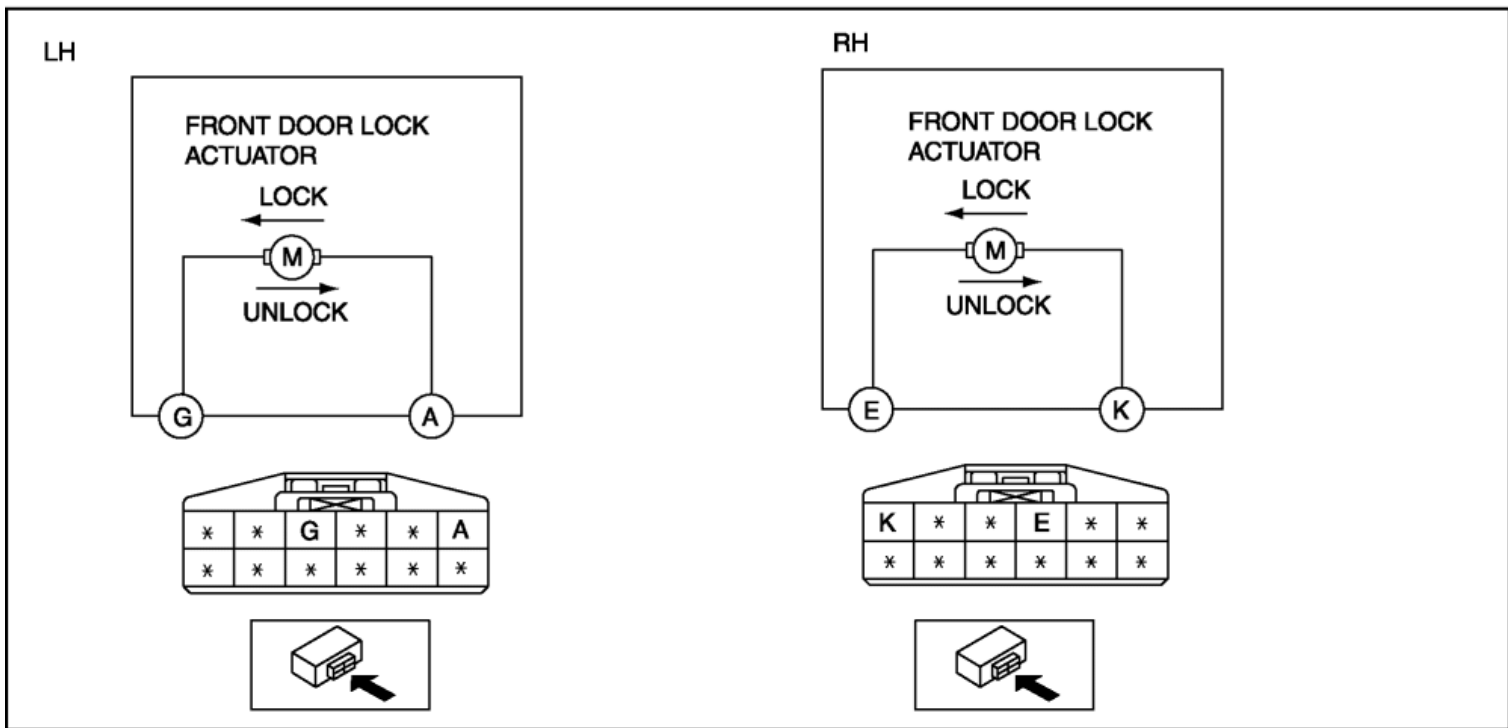
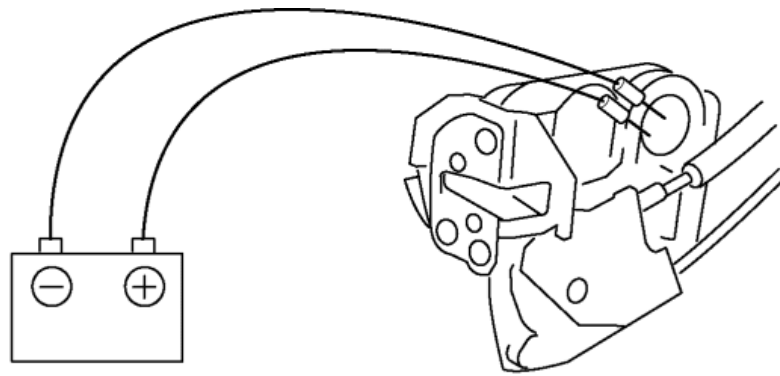


2. Disconnect the negative battery cable.

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. Apply battery positive voltage and connect the ground to each terminal, and then verify the operation.



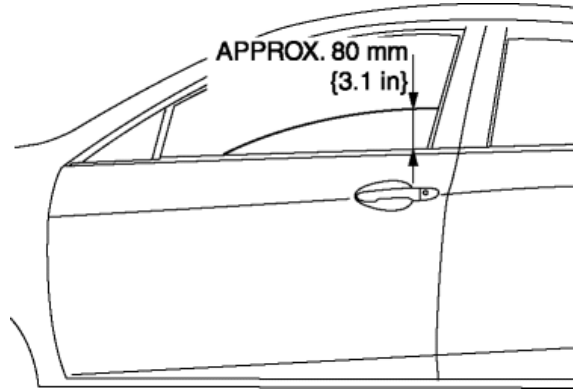
- If not as indicated in the table, replace the front door latch and lock actuator.

| Operation | Terminal |    |        |
|-----------|----------|----|--------|
|           |          | B+ | Ground |
| LOCK      | RH       | K  | E      |
|           | LH       | A  | G      |
| UNLOCK    | RH       | E  | K      |
|           | LH       | G  | A      |

## 2012 - Mazda6 - Body and Accessories

### FRONT DOOR LOCK ACTUATOR 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 }**.

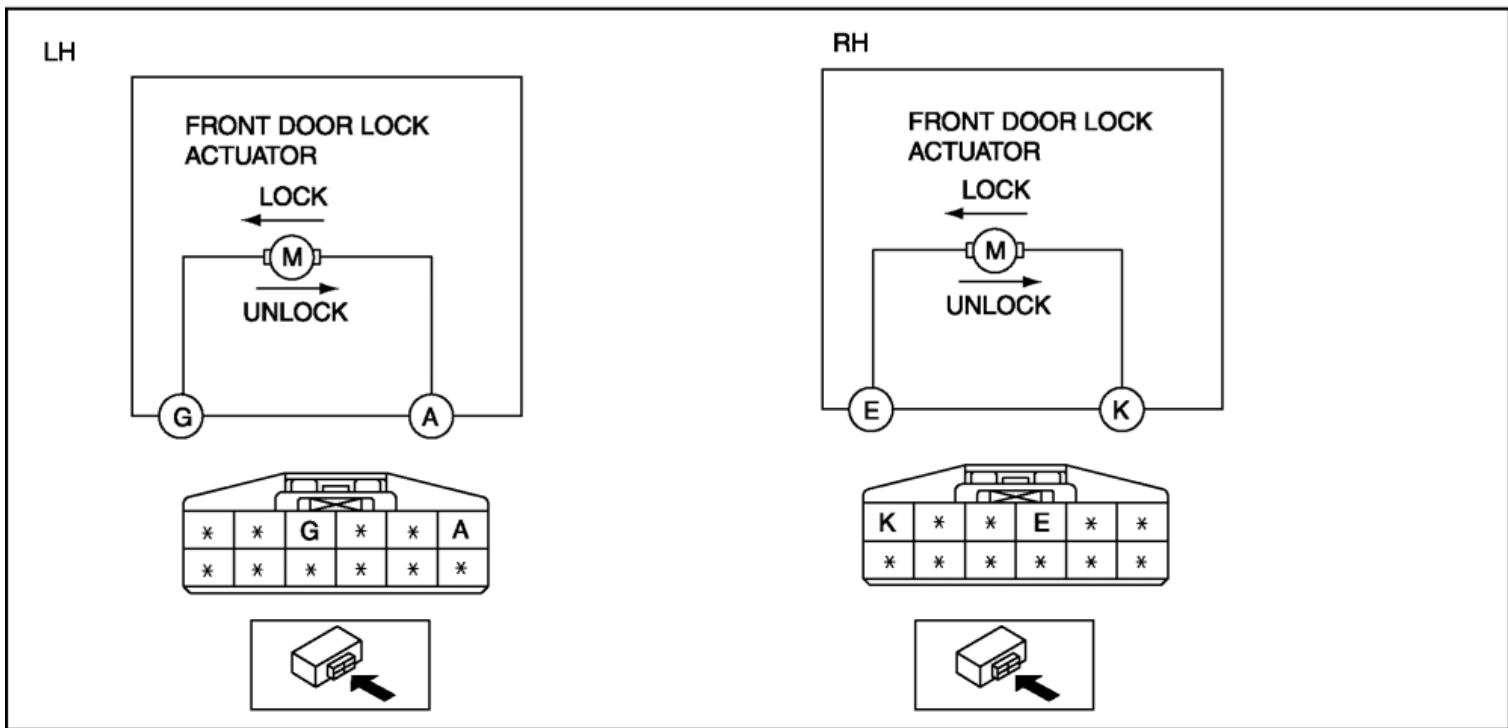
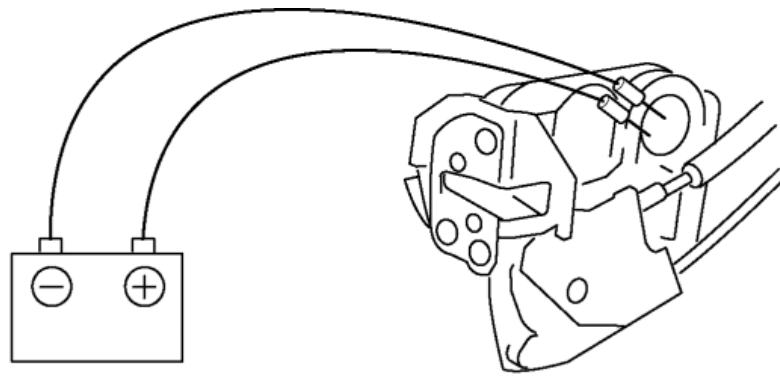


2. Disconnect the negative battery cable.

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. Apply battery positive voltage and connect the ground to each terminal, and then verify the operation.



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

| Operation | Terminal |    |        |
|-----------|----------|----|--------|
|           |          | B+ | Ground |
| LOCK      | RH       | K  | E      |
|           | LH       | A  | G      |
| UNLOCK    | RH       | E  | K      |
|           | LH       | G  | A      |