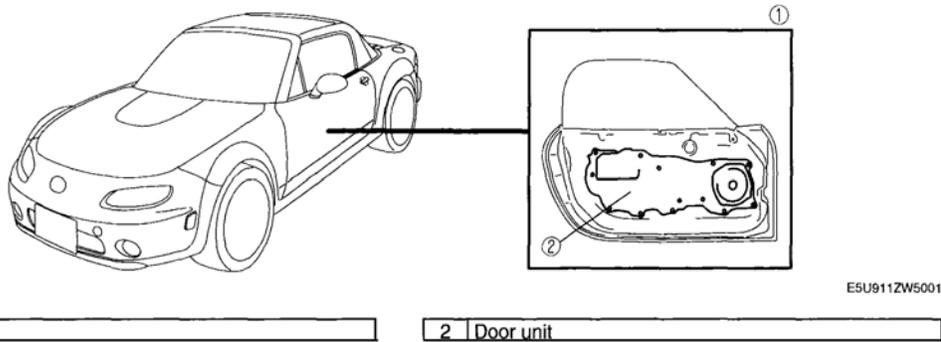


2007 ACCESSORIES & BODY, CAB

Doors & Liftgate - MX-5 Miata

DOORS LOCATION INDEX



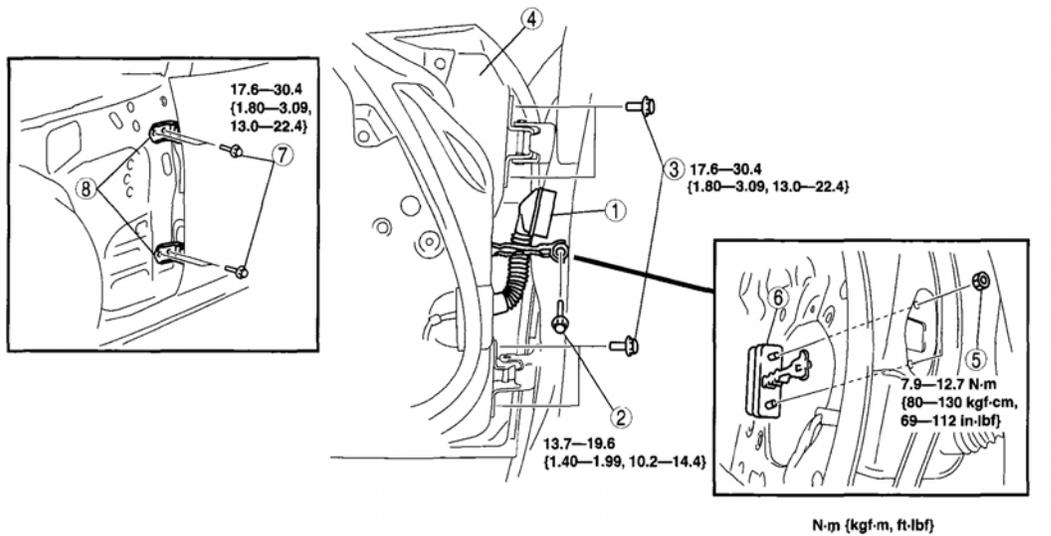
**Fig. 1: Identifying Doors & Liftgate Components**  
Courtesy of MAZDA MOTORS CORP.

DOOR REMOVAL/INSTALLATION

1. Disconnect the negative battery cable. (See **BATTERY REMOVAL/INSTALLATION [LF]** .)
2. To remove the door stay (checker), remove the following parts:
  1. Door trim (See **DOOR TRIM REMOVAL/INSTALLATION** .)
  2. Door speaker (See **DOOR SPEAKER REMOVAL/INSTALLATION** .)
3. To remove the door hinges, remove the following parts:
  1. Front bumper (See **FRONT BUMPER REMOVAL/INSTALLATION** .)
  2. Front combination lights (See **FRONT COMBINATION LIGHT REMOVAL/INSTALLATION** .)
  3. Side step molding (See **SIDE STEP MOLDING REMOVAL** ) (See **SIDE STEP MOLDING INSTALLATION** .)
  4. Mud guard
  5. Front fender panel (See **FRONT FENDER PANEL REMOVAL/INSTALLATION** .)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.
6. Adjust the door. (See **DOOR ADJUSTMENT** .)

## 2007 Mazda MX-5 Miata Sport

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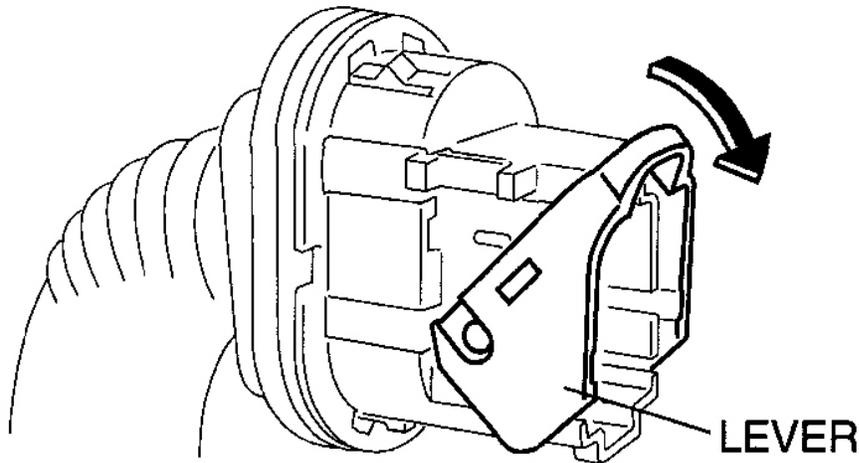
1	Connector
2	Bolt A
3	Bolt B
4	Door

5	Nut
6	Door stay (checker)
7	Bolt C
8	Door hinge

**Fig. 2: Removing/Installing Door (With Torque Specifications)**  
 Courtesy of MAZDA MOTORS CORP.

### CONNECTOR REMOVAL NOTE

1. Pull down the lever in the direction indicated by the arrow and disconnect the connector.

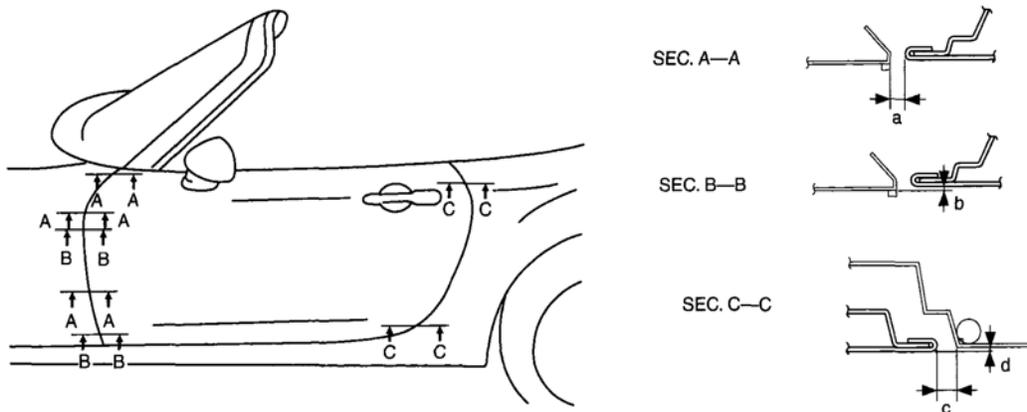


CHU0911W009

**Fig. 3: Pulling Down Lever**  
Courtesy of MAZDA MOTORS CORP.

## DOOR ADJUSTMENT

1. Measure the gap and height difference between the door and the body.
2. Loosen the door hinge installation bolts or the door lock striker installation screws, and adjust the door.
3. Tighten the bolts or screws.



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**Fig. 4: Identifying Gap & Height Difference Between Door & Body**

**Courtesy of MAZDA MOTORS CORP.**

**Standard clearance**

**A-A top and bottom (a): 3.1-5.0 mm {0.13-0.19 in}**

**A-A middle (a): 3.3-5.2 mm {0.13-0.20 in}**

**B-B top (b): -1.0-1.0 mm {-0.040-0.039 in}**

**B-B bottom (b): -0.5-1.5 mm {-0.020-0.059 in}**

**C-C top and bottom (c): 3.0-5.0 mm {0.12-0.19 in}**

**C-C top (c): -1.0-1.0 mm {-0.040-0.039 in}**

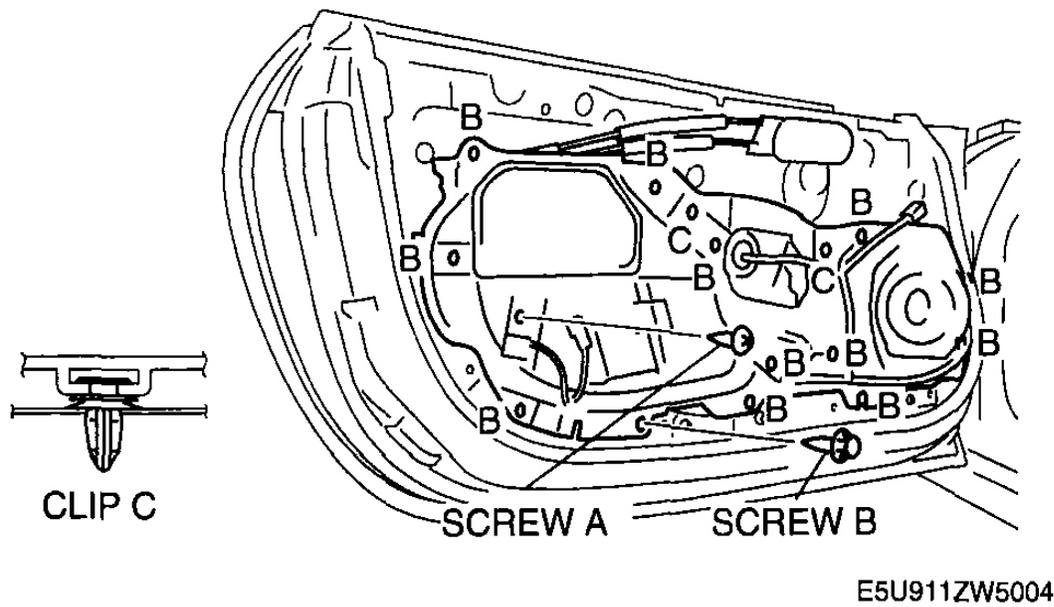
**C-C bottom (d): -0.5-1.5 mm {-0.020-0.059 in}**

**DOOR UNIT REMOVAL/INSTALLATION**

1. Disconnect the negative battery cable. (See **BATTERY REMOVAL/INSTALLATION [LF]** .)
2. Remove the following parts:
  1. Door trim (See **DOOR TRIM REMOVAL/INSTALLATION** .)
  2. Door speaker (See **DOOR SPEAKER REMOVAL/INSTALLATION** .)
3. Disconnect the power outer mirror harness connector.
4. Disconnect the door lock actuator connector.
5. Disconnect the power window motor connector.
6. Remove screws A and B.
7. Pull the door unit outward and detach clips C.
8. Remove the door unit.
9. Install in the reverse order of removal.

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E5U911ZW5004

**Fig. 5: Removing/Installing Door Unit**  
Courtesy of MAZDA MOTORS CORP.