

2008 BRAKES

Parking Brake System - MX-5 Miata

PARKING BRAKE SYSTEM LOCATION INDEX

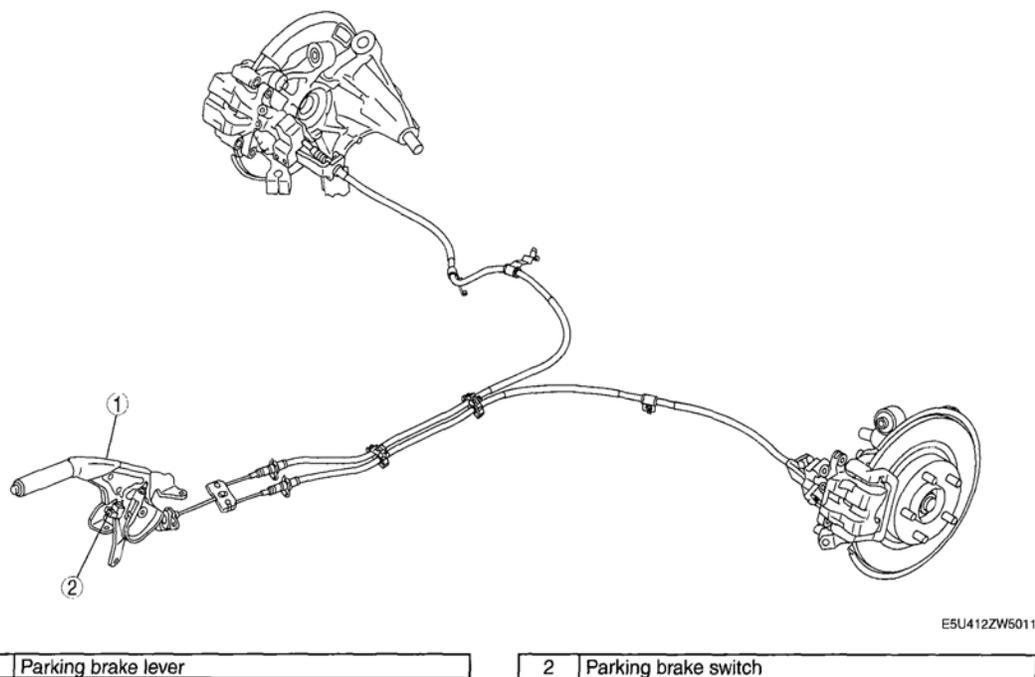


Fig. 1: Identifying Parking Brake System Components
Courtesy of MAZDA MOTORS CORP.

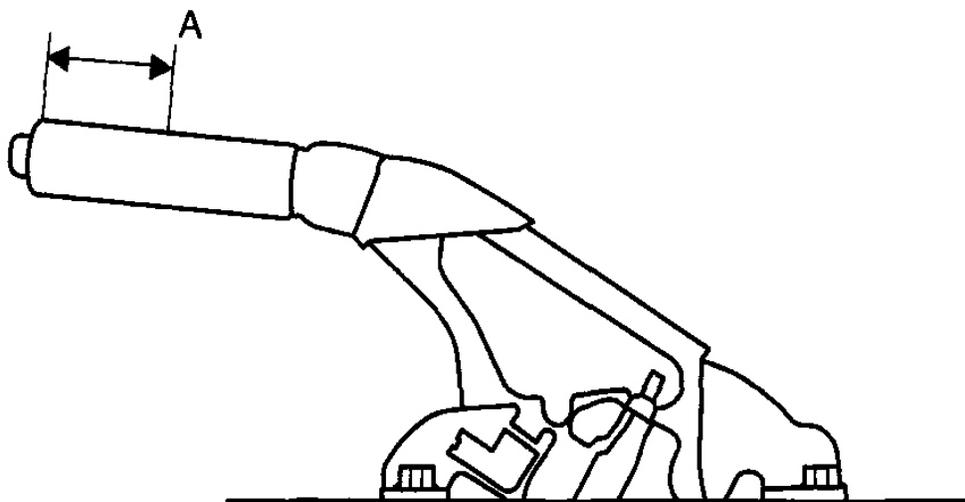
PARKING BRAKE LEVER INSPECTION

STROKE INSPECTION

1. Depress the brake pedal several times.
2. Pull the parking brake lever **2-3 times**.
3. Inspect the parking brake stroke by slowly pulling at point **A 50 mm {1.97 in}** from the end of the parking brake lever with a force of **98 N {10 kgf, 22 lbf}** and counting the number of notches (clicking sound).
 - If not within the specification, adjust the parking brake lever.

Parking brake lever stroke when pulled at 98 N {10 kgf, 22 lbf}

1-3 notches



E5U412ZW5002

Fig. 2: Inspecting Parking Brake Stroke
Courtesy of MAZDA MOTORS CORP.

PARKING BRAKE LEVER ADJUSTMENT

1. Depress the brake pedal several times.
2. Remove the parking brake lever boot.
3. Turn the adjusting nut and adjust the parking brake lever.
4. After adjustment, pull the parking brake lever one notch and verify that the parking brake warning light illuminates.
5. Verify that the rear brakes do not drag.

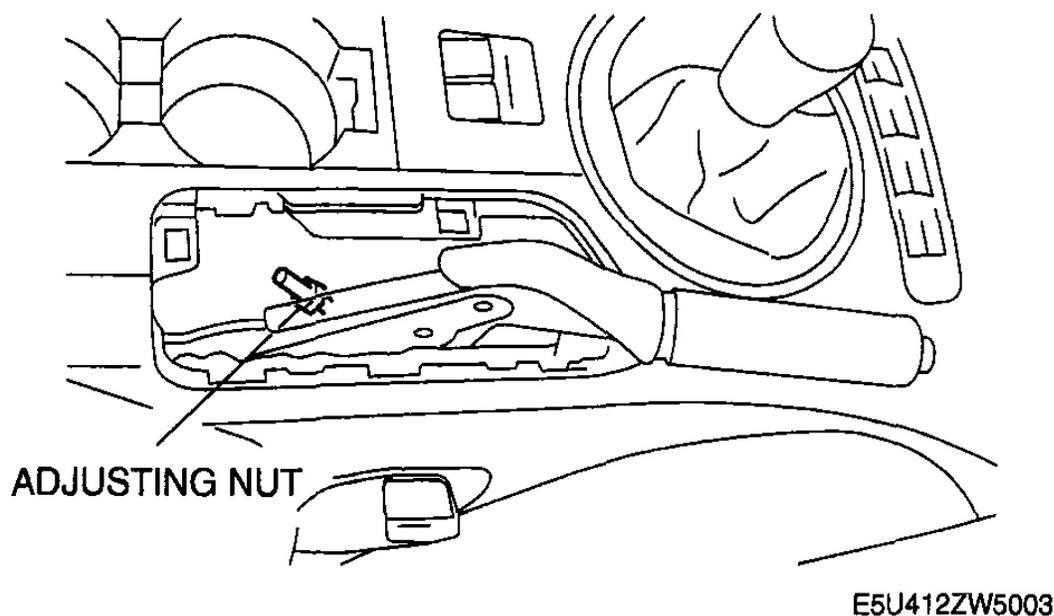


Fig. 3: Identifying Parking Brake Lever Adjusting Nut
Courtesy of MAZDA MOTORS CORP.

PARKING BRAKE LEVER REMOVAL/INSTALLATION

1. Remove the middle pipe. (See **EXHAUST SYSTEM REMOVAL/INSTALLATION [LF]** .)
2. Remove the propeller shaft. (See **PROPELLER SHAFT REMOVAL/INSTALLATION** .)
3. Remove the console. (See **CONSOLE REMOVAL/INSTALLATION** .)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.
6. After installation, inspect the parking brake stroke and adjust if necessary.

2008 Mazda MX-5 Miata Grand Touring

2008 BRAKES Parking Brake System - MX-5 Miata

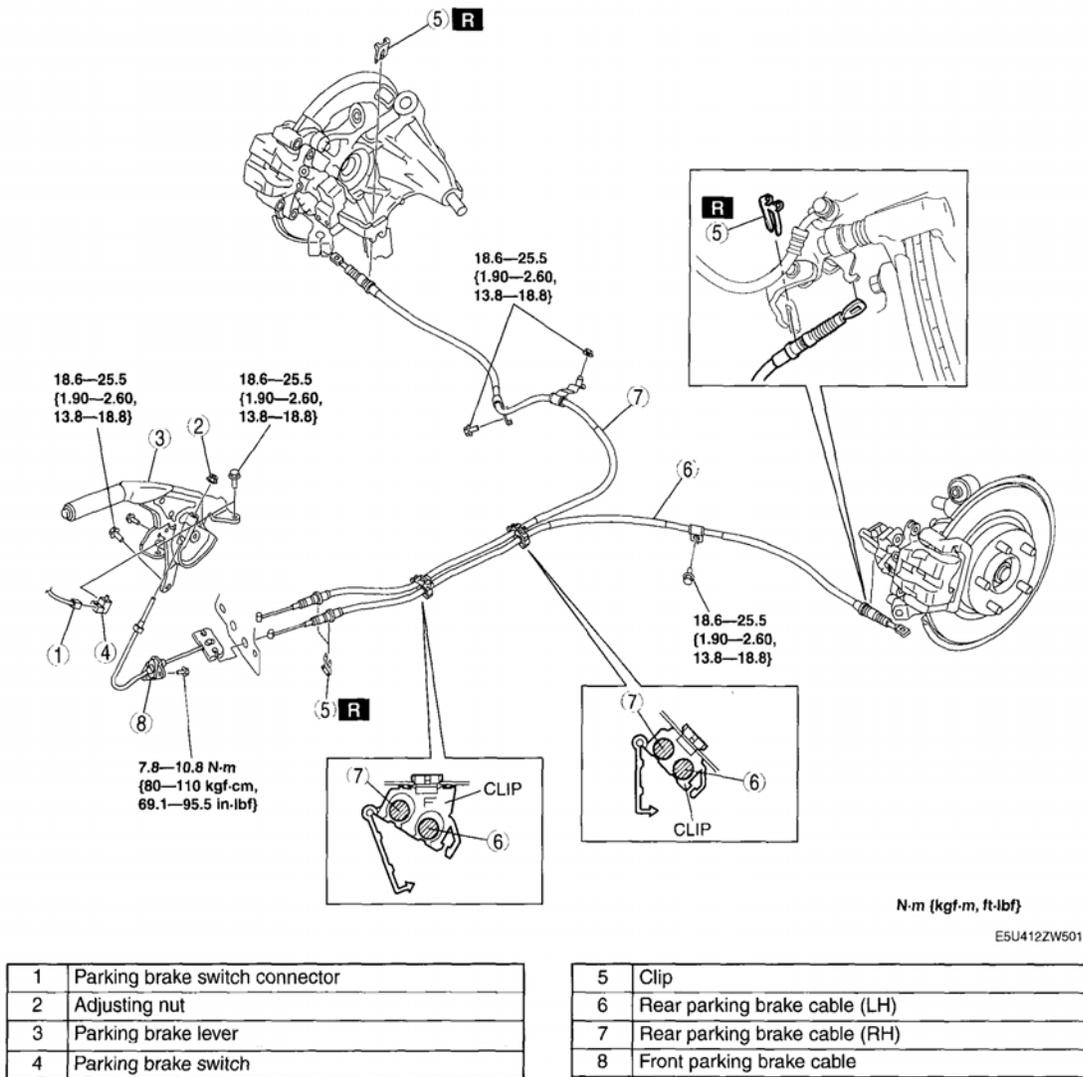
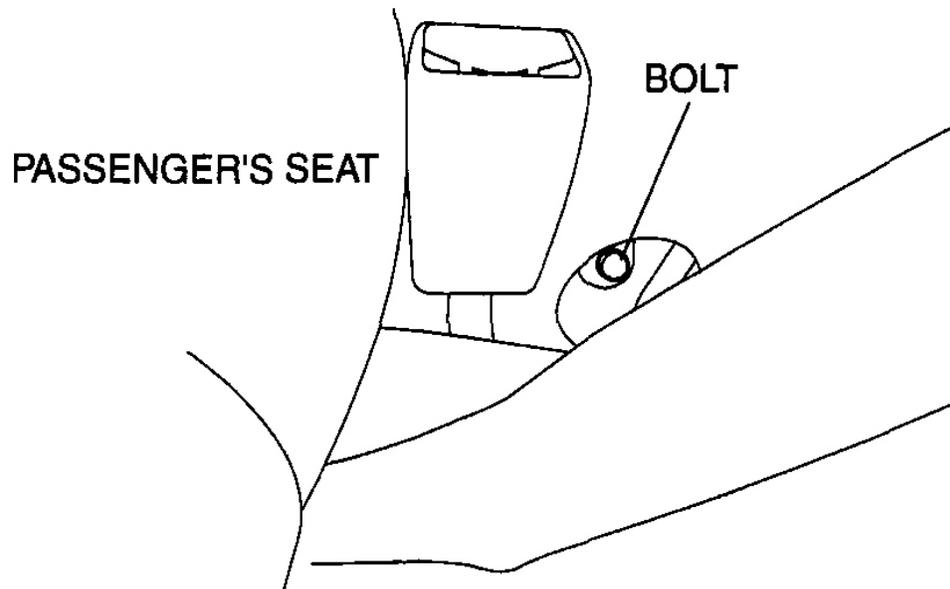


Fig. 4: Identifying Parking Brake Lever Removing/Installing Steps (With Torque Specifications)
 Courtesy of MAZDA MOTORS CORP.

PARKING BRAKE LEVER REMOVAL NOTE

1. Partially peel back the floor mat and remove the bolt shown in **Fig. 5**.
2. Remove the two bolts.
3. Remove the parking brake lever.



E5U412ZW5005

Fig. 5: Locating Bolt

Courtesy of MAZDA MOTORS CORP.

PARKING BRAKE SWITCH INSPECTION

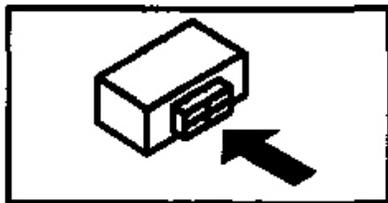
1. Disconnect the parking brake switch connector.
2. Verify that the continuity is as indicated in **Fig. 6**.
 - If not as indicated in **Fig. 6**, replace the parking brake switch.

○—○: Continuity

Condition	Terminal	
	A	Body ground
Parking brake lever pulled	○—	—○
Parking brake lever released		

CHU0412W003

Fig. 6: Parking Brake Switch Continuity Reference Table
 Courtesy of MAZDA MOTORS CORP.



BHJ0412W007

Fig. 7: Identifying Parking Brake Switch Connector
Courtesy of MAZDA MOTORS CORP.