

2012 - Mazda6 - Brakes

BRAKE PEDAL REMOVAL/ INSTALLATION

CAUTION:

- The clearance between the brake switch and the brake pedal is automatically adjusted to the correct amount when the brake switch connector is connected after the brake switch has been properly installed. If the brake switch is not properly installed or the connector is connected before installation, the clearance may be incorrect, causing a brake light malfunction. Therefore, always verify that the brake switch is properly installed before connecting the connector.
- Once the brake switch clearance has automatically been adjusted, it cannot be adjusted again. Therefore, replace the switch with a new one when replacing the power brake unit or the pedal, or performing any procedure that changes the pedal stroke.

1. Remove the following parts:

- a. Glove compartment (See [GLOVE COMPARTMENT REMOVAL/ INSTALLATION](#).)
- b. Dashboard under cover (See [DASHBOARD UNDER COVER REMOVAL/ INSTALLATION](#).)
- c. Front scuff plates (See [FRONT SCUFF PLATE REMOVAL/ INSTALLATION](#).)
- d. Front side trims (See [FRONT SIDE TRIM REMOVAL/ INSTALLATION](#).)
- e. Upper panel (See [UPPER PANEL REMOVAL/ INSTALLATION](#).)
- f. Decoration panel (See [DECORATION PANEL REMOVAL/ INSTALLATION](#).)
- g. Shift lever knob (MTX) (See [MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/ INSTALLATION](#).)
- h. Shift panel (See [SHIFT PANEL REMOVAL/ INSTALLATION](#).)
- i. Center panel lower (See [CENTER PANEL LOWER REMOVAL/ INSTALLATION](#).)
- j. Climate control unit (See [CLIMATE CONTROL UNIT REMOVAL/ INSTALLATION \[FULL-AUTO AIR CONDITIONER\]](#).) (See [CLIMATE CONTROL UNIT REMOVAL/ INSTALLATION \[MANUAL AIR CONDITIONER\]](#).)
- k. Rear console (See [REAR CONSOLE REMOVAL/ INSTALLATION](#).)
- l. Hood release lever (See [HOOD LATCH AND RELEASE LEVER REMOVAL/ INSTALLATION](#).)
- m. Lower panel (See [LOWER PANEL REMOVAL/ INSTALLATION](#).)
- n. Driver-side air bag module (See [DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION](#).)
- o. Steering wheel (See [STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION \[WITHOUT ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM\]](#).) (See [STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION \[WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM\]](#).)
- p. Column cover (See [COLUMN COVER REMOVAL/ INSTALLATION](#).)
- q. Combination switch (See [COMBINATION SWITCH REMOVAL/ INSTALLATION](#).)
- r. Meter hood (See [METER HOOD REMOVAL/ INSTALLATION](#).)
- s. Instrument cluster (See [INSTRUMENT CLUSTER REMOVAL/ INSTALLATION](#).)
- t. Center panel upper (See [CENTER PANEL UPPER REMOVAL/ INSTALLATION](#).)
- u. Audio unit (Vehicles with audio system) (See [AUDIO UNIT REMOVAL/ INSTALLATION](#).)
- v. Car-navigation unit (Vehicles with car-navigation system) (See [CAR-NAVIGATION UNIT REMOVAL/ INSTALLATION](#).)
- w. Steering shaft cover (See [STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION \[WITHOUT](#)

ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)(See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)

x. Steering shaft (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITHOUT ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)(See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)**

y. Side panel (See **SIDE PANEL REMOVAL/ INSTALLATION.**)

z. SIRIUS satellite radio unit (See **SIRIUS SATELLITE RADIO UNIT REMOVAL/ INSTALLATION.**)

aa. Passenger-side air bag module (See **PASSENGER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION.**)

ab. A-pillar trims (See **A-PILLAR TRIM REMOVAL/ INSTALLATION.**)

ac. Windshield wiper arm and blade (See **WINDSHIELD WIPER ARM AND BLADE REMOVAL/ INSTALLATION.**)

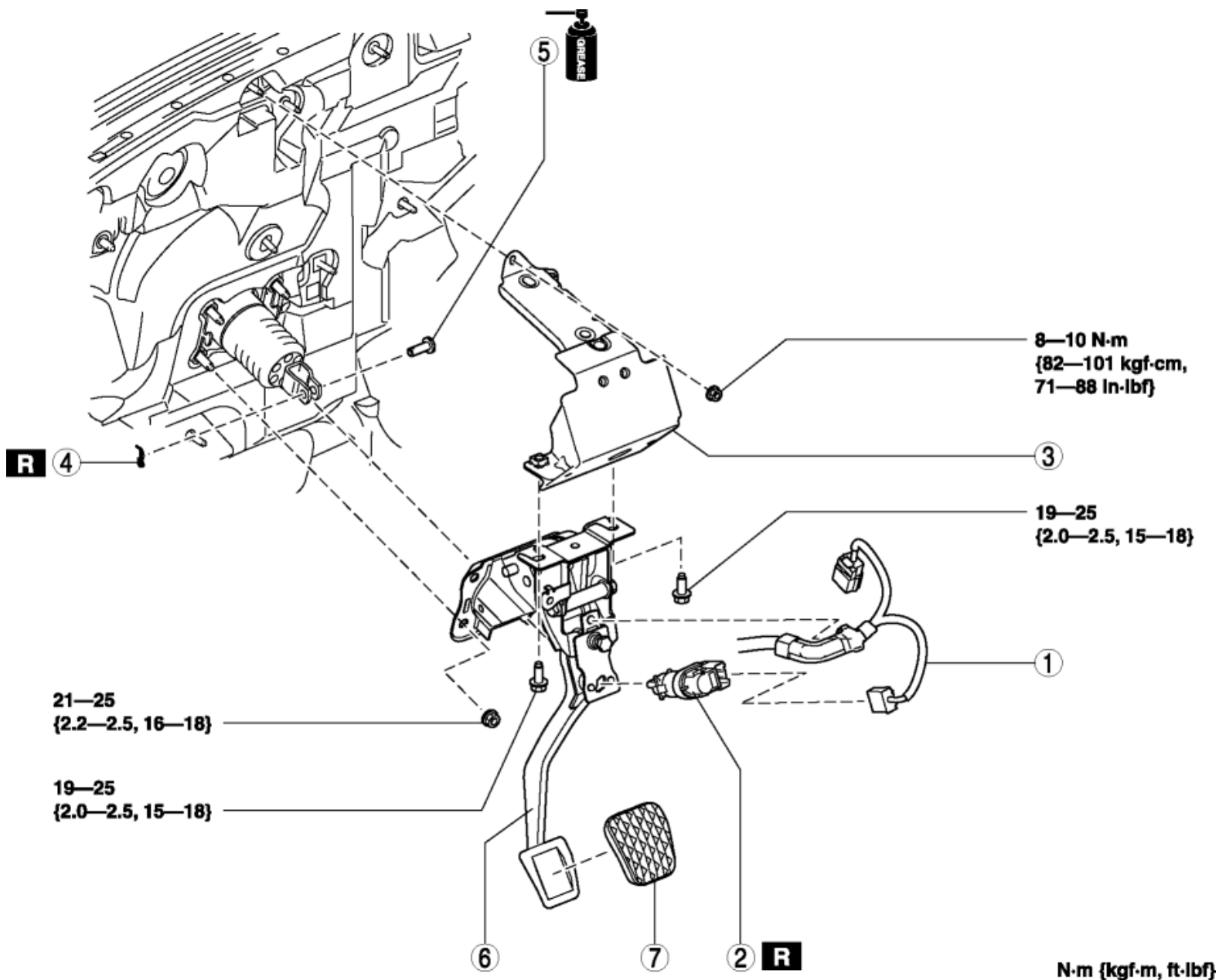
ad. Cowl grille (See **COWL GRILLE REMOVAL/ INSTALLATION.**)

ae. Dashboard (See **DASHBOARD REMOVAL/ INSTALLATION.**)

2. Disconnect the accelerator pedal connector. (See **ACCELERATOR PEDAL REMOVAL/ INSTALLATION [MZR 2.5] .)** (See **ACCELERATOR PEDAL REMOVAL/ INSTALLATION [MZI 3.7 V6] .)**

3. Remove in the order indicated in the table.

4. Install in the reverse order of removal.

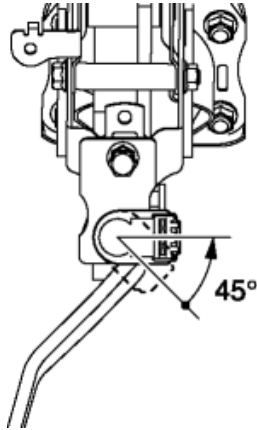


N·m {kgf·m, ft·lbf}

1	Brake switch connector, wiring harness (See Brake Switch Connector Installation Note.)
2	Brake switch (See Brake Switch Installation Note.)
3	Brake pedal bracket
4	Snap pin
5	Clevis pin
6	Brake pedal
7	Pedal pad

Brake Switch Installation Note

1. Install the new brake switch to the brake pedal, and secure it by turning it counterclockwise **45°**.



Brake Switch Connector Installation Note

1. Inspect the brake pedal. (See [BRAKE PEDAL INSPECTION](#).)
2. With the brake pedal in its original position, install the brake switch to the brake switch connector.

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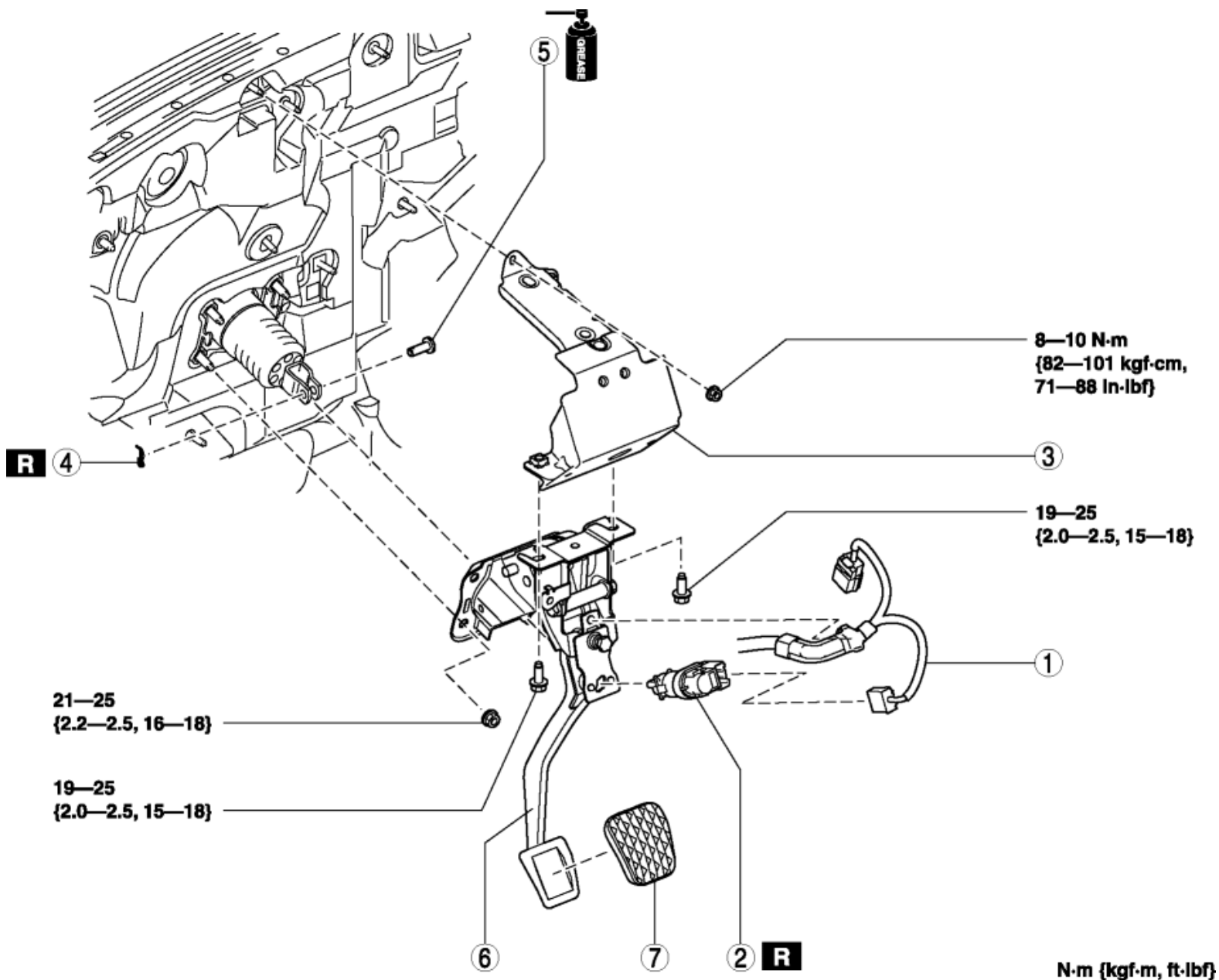
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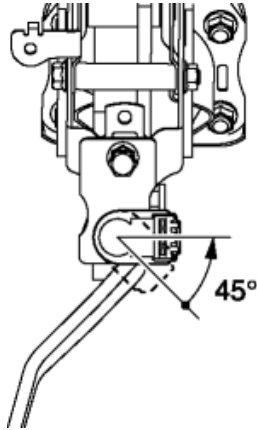


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