

SECTION

PB

PARKING BRAKE SYSTEM

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PREPARATION

< PREPARATION >

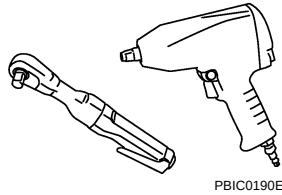
PREPARATION

PREPARATION

Commercial Service Tool

INFOID:000000009949248

Tool name	Description
Power tool	Loosening bolts and nuts



PBIC0190E

PARKING BRAKE SYSTEM

< PERIODIC MAINTENANCE >

PERIODIC MAINTENANCE

PARKING BRAKE SYSTEM

Inspection and Adjustment

INFOID:000000009949249

INSPECTION

Lever Stroke

1. Operate the parking brake lever with a force of 196 N (20 kg, 44 lb). Check that the lever stroke is within the specified number of notches. (Check it by listening to the clicks of the ratchet.)

Number of notches : Refer to [PB-6, "Parking Brake Control"](#).

2. When brake warning lamp turns ON, check that the lever stroke is within the specified number of notches. (Check it by listening to the clicks of the ratchet.)

Number of notches : Refer to [PB-6, "Parking Brake Control"](#).

Inspect Components

- Check each component for installation condition such as looseness.
- Check the parking brake lever assembly for bend, damage and cracks. Replace if necessary.
- Check the cables and equalizer for wear, damage and cracks. Replace if necessary.
- Check the parking brake switch, and replace it if necessary. Refer to [BRC-79, "Component Inspection"](#).

ADJUSTMENT

1. Remove the console mask. Refer to [IP-23, "Exploded View"](#).
2. Pull parking brake lever until a socket wrench can be inserted to adjusting nut (1).
3. Release the parking brake lever by turning the adjusting nut with a socket wrench and loosening the cable.
4. Depress the brake pedal with a force of 196 N (20 kg, 44 lb) about 10 times and adjust the brake shoe clearance.

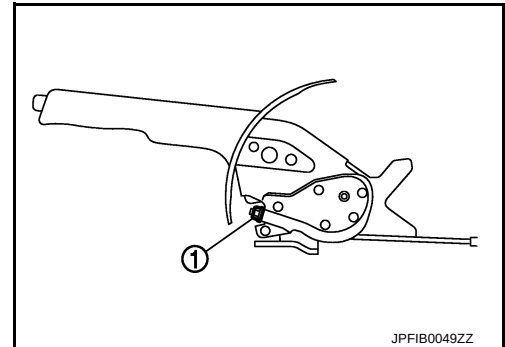
CAUTION:

Make sure to securely depress the brake pedal.

5. Check a drag of rear drum brake. Refer to [BR-41, "Inspection and Adjustment"](#).
6. Adjust the cable with the following procedure.
 - a. When replace parking brake cable, operate the parking brake lever with a force of 490 N (50 kg, 110 lb) for 10 strokes or more.
 - b. Adjust the parking brake lever stroke by turning the adjusting nut with a deep socket wrench.
CAUTION:
Never reuse the adjusting nut if the nut is removed.
 - c. Operate the parking brake lever with a force of 196 N (20 kg, 44lb). Check that the lever stroke is within the specified number of notches. (Check it by listening to the clicks of the ratchet.)

Number of notches : Refer to [PB-6, "Parking Brake Control"](#).

- d. Rotate the brake drum with the parking brake lever released and check that there is no drag. Refer to [BR-41, "Inspection and Adjustment"](#).



PARKING BRAKE CONTROL

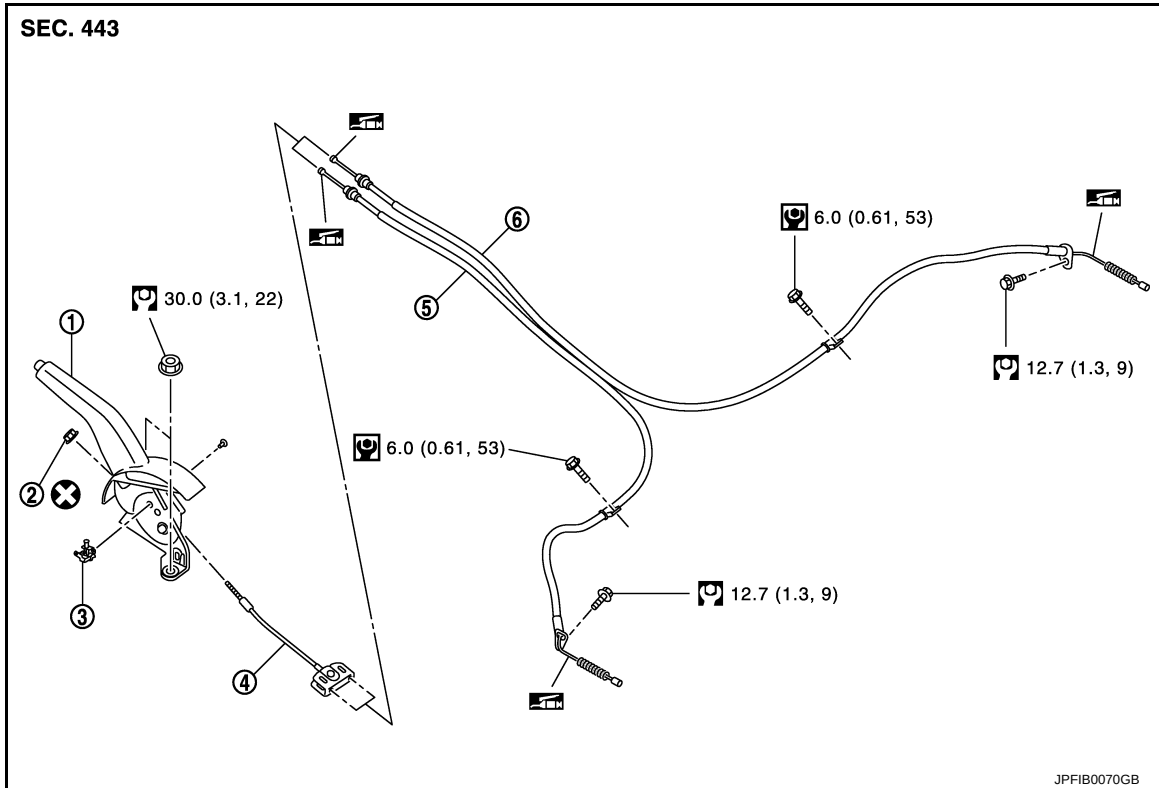
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

PARKING BRAKE CONTROL

Exploded View

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- | | | |
|---------------------------------|--------------------|-------------------------|
| 1. Parking brake lever assembly | 2. Adjusting nut | 3. Parking brake switch |
| 4. Front cable | 5. Rear cable (LH) | 6. Rear cable (RH) |

 Apply multi-purpose grease.

Refer to [GI-4, "Components"](#) for symbols not described on the above.

Removal and Installation

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REMOVAL

1. Remove rear tires with power tool.
2. Remove the center console assembly. Refer to [IP-23, "Exploded View"](#).
3. Disconnect the parking brake switch harness connector.
4. Remove adjusting nut and loosen front cable.
5. Remove the parking brake lever assembly.
6. Separate front cable from rear cable, and remove front cable.
7. Remove the center muffler. Refer to [EX-5, "Exploded View"](#).
8. Remove brake shoe, and remove rear cable from operating lever. Refer to [BR-39, "Exploded View"](#).
9. Remove rear cable mounting bolts, pull out rear cable from vehicle.

INSTALLATION

Note the following, install in the reverse order of the removal.

- Never reuse adjusting nut.

PARKING BRAKE CONTROL

< REMOVAL AND INSTALLATION >

Adjustment

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ADJUSTMENT AFTER INSTALLATION

Adjust the parking brake lever stroke. Refer to [PB-3, "Inspection and Adjustment"](#).

- A
- B
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- I
- J
- K
- L
- M
- N
- O
- P

SERVICE DATA AND SPECIFICATIONS (SDS)

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Parking Brake Control

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Item	Standard
Number of notches [under force of 196 N (20 kg, 44 lb)]	10 – 11 notches
Number of notches when brake warning lamp turns ON	1 notch