

SECTION **PB**
PARKING BRAKE SYSTEM

A
B
C
D
E
PB
G
H
I
J
K
L
M

CONTENTS

| | | | |
|------------------------------------|---|--|---|
| PARKING BRAKE CONTROL | 2 | SERVICE DATA AND SPECIFICATIONS (SDS) | 4 |
| Components | 2 | Drum Brake | 4 |
| Removal and Installation | 2 | Parking Brake Control | 4 |
| Inspection | 2 | | |
| Adjustment | 3 | | |

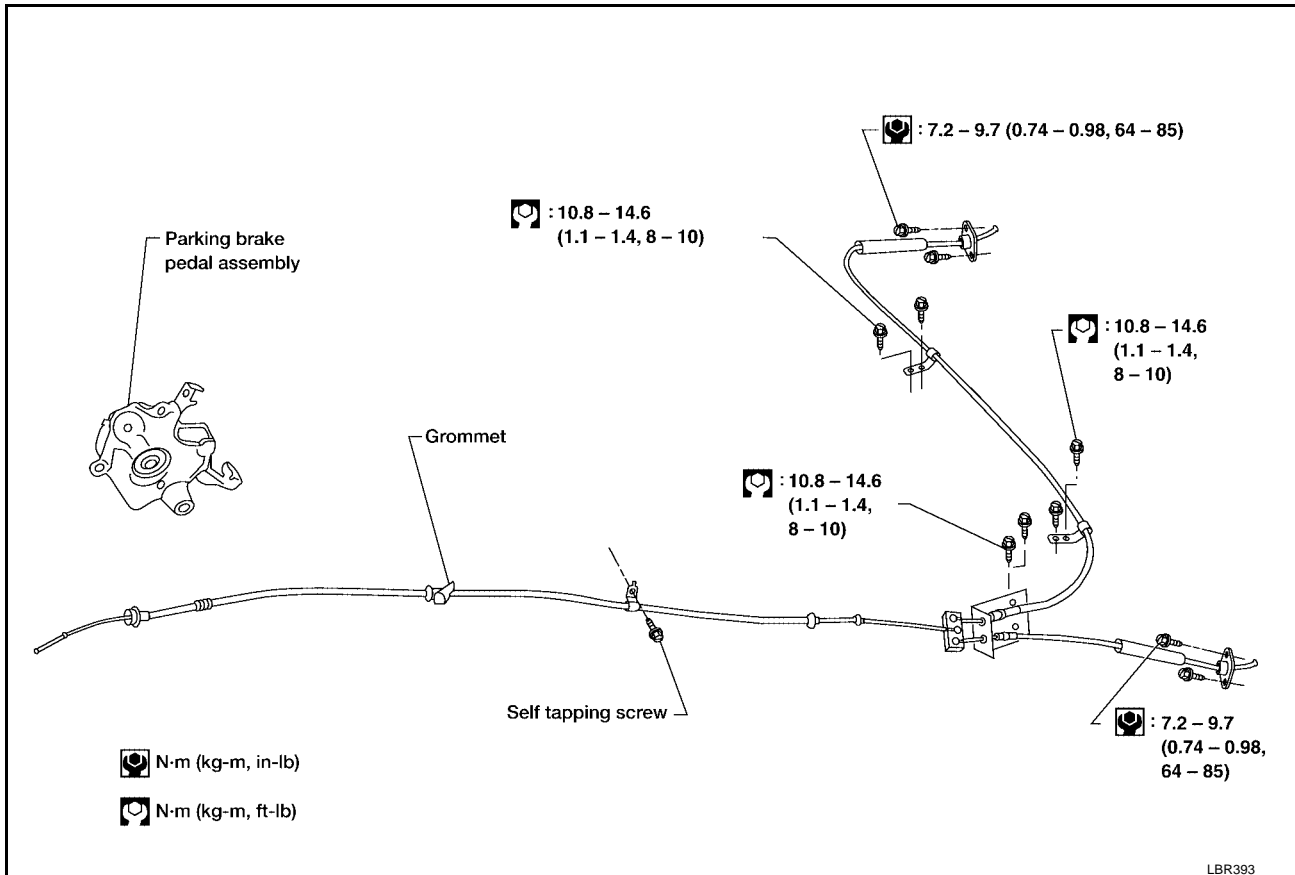
PARKING BRAKE CONTROL

PARKING BRAKE CONTROL

PF3:36010

Components

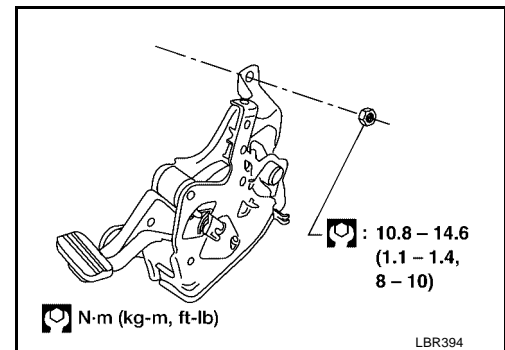
EFS003G9



Removal and Installation

EFS003GA

1. To remove parking brake pedal, remove lower instrument panel on driver side. Refer to [IP-10, "INSTRUMENT PANEL ASSEMBLY"](#).
2. Disconnect parking brake switch electrical connector.
3. Remove nuts, slacken off and remove adjusting nut.
4. Remove pedal assembly from vehicle and remove front cable from pedal assembly.



Inspection

EFS003GB

1. Check parking brake pedal assembly for wear or other damage. Replace if necessary.
2. Check cables for discontinuity or deterioration. Replace if necessary.
3. Check warning lamp and switch. Replace if necessary.
4. Check parts at each connection portion and, if found deformed or damaged, replace.

PARKING BRAKE CONTROL

EFS003GC

Adjustment

Pay attention to the following point after adjustment.

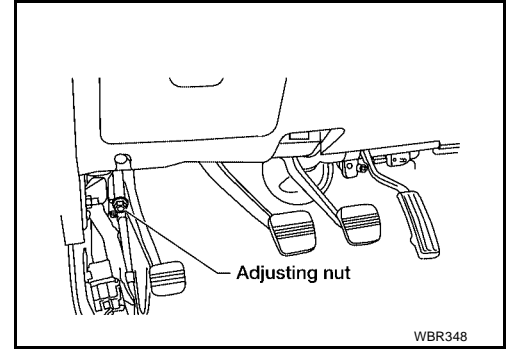
1. Ensure there is no drag when pedal is released.
2. Loosen parking brake cable.
3. Depress parking brake pedal fully more than five times.
4. Operate control pedal 10 times or more with a full stroke [169 mm (6.6 in)].
5. Adjust cable by turning adjusting nut.
6. Depress pedal with specified amount of force. Check pedal stroke and ensure smooth operation.

Force : 196 N (20 kg, 44 lb)

Number of notches

KA24DE models : 6 – 8

VG33E and VG33ER models : 7 – 9



7. Bend warning lamp switch plate. Warning lamp should come on when pedal is depressed "A" notches. It should go off when the pedal is fully released.

Number of "A" notches for warning lamp actuation : 1

A
B
C
D
E
PB
G
H
I
J
K
L
M

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

PFP:00030

Drum Brake

EFS003GD

Unit: mm (in)

| | | | |
|-------------------|------------------------|---------------|---------------|
| Brake model | | LT26 | LT30 |
| Lining wear limit | Minimum thickness | 1.5 (0.059) | |
| Drum repair limit | Maximum inner diameter | 261.5 (10.30) | 296.5 (11.67) |
| | Out-of-round limit | 0.03 (0.0012) | |

Parking Brake Control

EFS003GE

Unit: notch

| | | |
|---|------------------|-----------------|
| Control Type | | Pedal |
| Pedal stroke [under force of 196 N (20 kg, 44 lb)] | KA24DE | 6 - 8 |
| | VG33E and VG33ER | 7 - 9 |
| Pedal stroke when warning switch comes on | | 1 |
| Full pedal stroke | | 169 mm (6.6 in) |