

GROUP 36 – PARKING BRAKES

BULLETIN No.	SUBJECT	MODEL
36/2003/001	Park brake adjustment	Magna/Verada



**MITSUBISHI MOTORS
AUSTRALIA LTD.**

A.C.N. 007 870 395

SERVICE BULLETIN

GROUP: 36 – Parking brakes

DATE: September 2003

NO. 36/2003/001

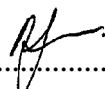
MODEL: Magna/Verada/Diamante

SUBJECT: Revision to park brake adjustment procedure

COUNTRIES:

Australia
New Zealand & Pacific

R.I.WYATT
MANAGER - AFTERSALES
TECHNICAL SUPPORT

.....

Bulletin Consists of 2 Pages

Description

The purpose of this bulletin is to advise of a revision to the specification relating to the park brake adjustment of the Banksia brake (single piece park brake shoe) as fitted to Magna/Verada/Diamante vehicles.

Procedure:

When setting the shoe clearance, the current procedure requires tightening the adjuster to prevent brake rotation, then backing off the adjuster a given number of notches to gain a working clearance.

The procedure to back off the adjuster for a working clearance has been revised and it is now specified that the adjuster should be backed off **15 notches**.

Re-adjustment at the park brake lever remains unchanged at 3~5 notches.

Could you please update all relevant reference material to reflect this change in specification. A copy of the affected workshop manual page is attached for your convenience.

Affected vehicles:

1997, 1998, 1999, 2000, 2001, 2002, 2003 Magna/Verada/Diamante

**NOTE: THIS BULLETIN SHOULD BE FORWARDED
DIRECT TO THE SERVICE MANAGER FOR
ACTION/DISTRIBUTION**

Copyright © Mitsubishi Motors Australia Limited.
Reproduction in whole or part prohibited without written approval.

On-vehicle Service

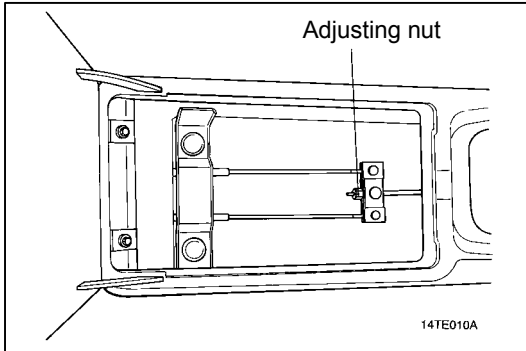
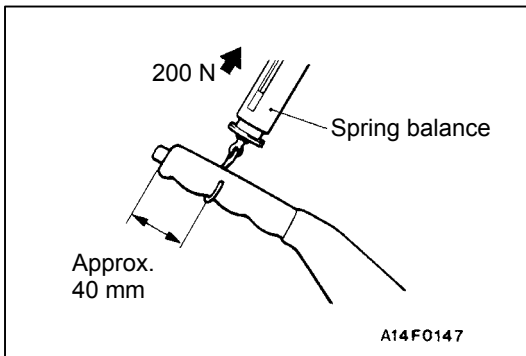
ON-VEHICLE SERVICE

PARKING BRAKE LEVER STROKE CHECK

1. Pull the parking brake lever with a force of approx. 200 N and count the number of notches.

Caution

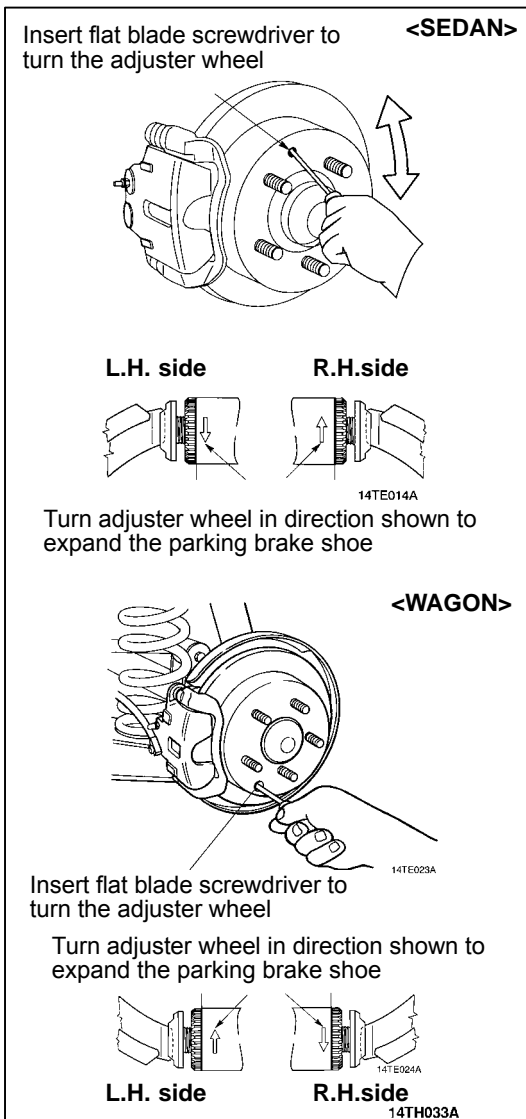
The 200 N force of the parking brake lever must be strictly observed.



Standard value: 3-5 notches

2. If the parking brake lever stroke is not the standard value, adjust as described below.

- (1) Remove the inner compartment of the floor console.
- (2) Loosen the parking brake cable adjusting nut to the end of the cable rod, to allow slack in the cables.



- (3) Jack up the rear of the vehicle and support on jack stands and remove the rear wheels.
- (4) Temporarily install the wheel nuts so that the back of the nuts contact the brake disc and hold the disc in position.
- (5) Remove the brake shoe adjustment hole plug, and insert a flat blade screwdriver to turn the adjuster wheel (to expand the shoe) sufficiently to prevent the disc rotating.

REVISED SPECIFICATION

- (6) Rotate the adjuster wheel **15 notches** in the reverse direction to allow the disc to rotate freely. Carry out this operation on both sides.

- (7) Remove the temporarily installed wheel nuts and install the rear wheels.
- (8) Tighten the parking brake cable adjusting nut inside the vehicle to achieve a 3-5 notch stroke of the parking brake lever at the specified lever force.

Caution

If the number of brake lever notches engaged is less than the standard value, the cable has been over adjusted. Be sure to adjust it to within the standard value.

- (9) After completing the adjustment, check to be sure that there is no play between the adjusting nut and the pin. Also check that the adjusting nut is securely held by the nut holder.
- (10) With the parking brake lever in the released position, turn the rear wheels to confirm that the rear brakes are not dragging.
- (11) Remove the jack stands and lower the vehicle to the floor. Retorque the wheel nuts to the specified torque.