



SERVICE BULLETIN

| | | |
|------------------------------|--------------------------|------------------------|
| Classification: BR04-005a | Reference: NTB04-104a | Date: March 9, 2005 |
|------------------------------|--------------------------|------------------------|

2004 – 2005 TITAN AND ARMADA; BRAKE PEDAL ‘FEEL’- PEDAL HEIGHT ADJUSTMENT

This bulletin amends NTB04-104. This version adds 2005 to the Applied Vehicles and includes a procedure photo. Please discard all paper copies of the earlier version.

APPLIED VEHICLE: 2004 – 2005 Titan (A60)
2004 – 2005 Armada (TA60)

IF YOU CONFIRM:

The customer says the brake pedal feels:

- “Mushy”,
- “Soft”, or
- The pedal stroke feels too long,

NOTE: If the customer reports poor stopping performance this bulletin does not apply. Refer to ASIST and the Electronic Service Manual (ESM) for diagnostic assistance.

ACTIONS:

1. Check and adjust the brake pedal height as shown in the Service Procedure.
2. If adjustment of the brake pedal height does not correct the “pedal feel”, refer to ASIST for additional brake inspection and repair information.

CLAIMS INFORMATION

Submit a Primary Operation (PO) line claim using the following claims coding:

| DESCRIPTION | OP CODE | SYM | DIA | FRT |
|--------------------|---------|-----|-----|-----|
| Adjust Brake Pedal | WD60AA | DE | 46 | (1) |

1. Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

IMPORTANT: The purpose of ACTIONS (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (on page 2) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

NOTE: For Non-VDC equipped Titans, refer to additional information on page 3.

1. If the vehicle is equipped with adjustable pedals, set them to the lowest position.
2. Pull the carpet down and fold back the rubber insulation flap (see Figure 1).
3. Measure the “free” height from the **metal floor** to the **top-center** of the brake pedal (pedal all the way up).

NOTE: The “Brake Pedal Height Tool” J-46532 (an “essential tool”) is available from TECH-MATE at 1-800-662-2001.

- Position the Brake Pedal Height Tool as shown in Figure 1.
- Pedal height should be:
 - 182.3mm –192.3mm.
 - Preferred setting is about 187 mm.
- If pedal height adjustment is needed, refer to section BR in the Service Manual (ESM) for height adjustment information.

CAUTION: After any free height adjustment is made, make sure the brake light and cruise switches are re-adjusted and the clevis pin has some free play.

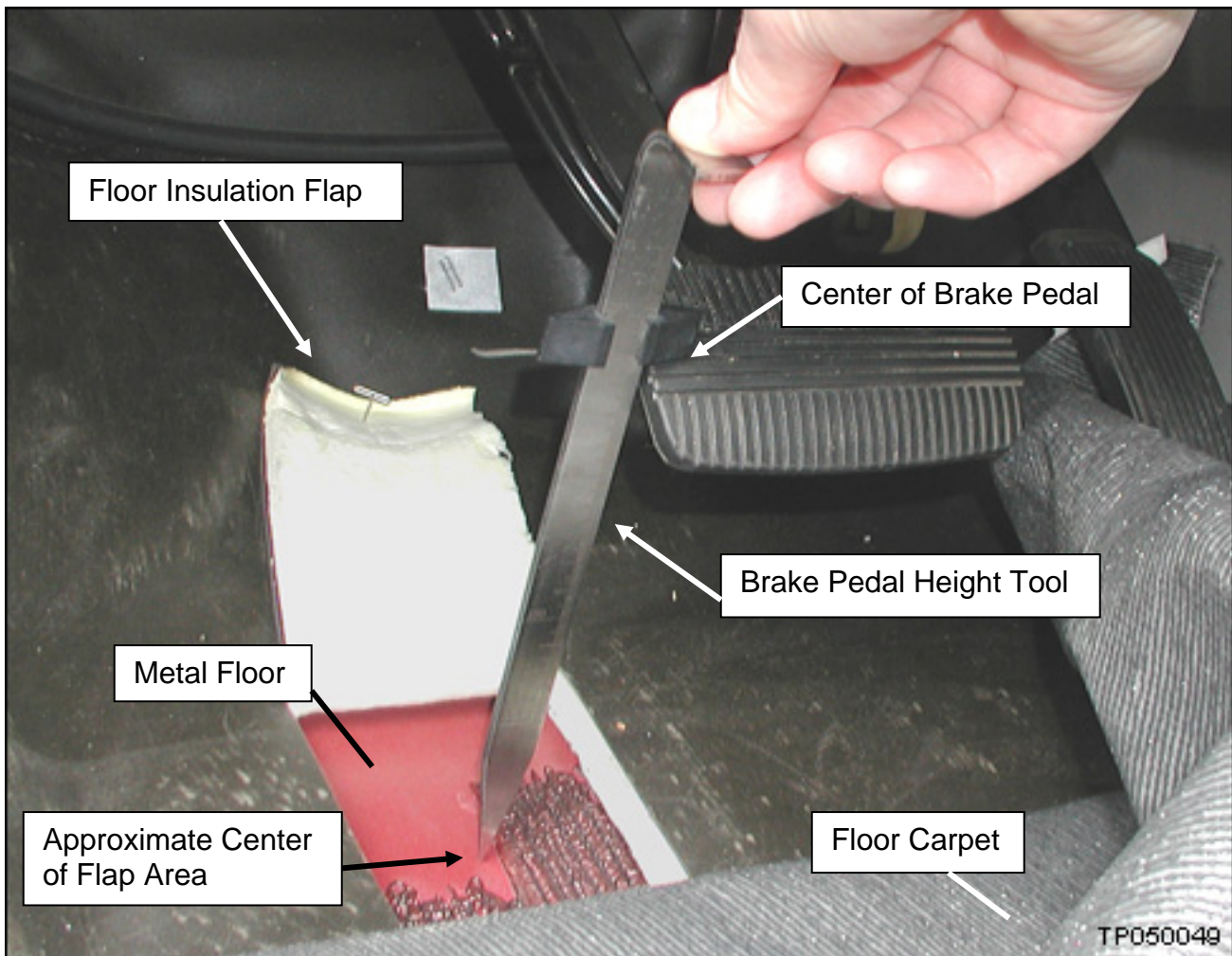


Figure 1

Additional Information for Non-VDC Equipped Titans

The non-VDC Titans have a “Brake Assist” feature built into the brake booster which has the following operating characteristics:

- Brake Assist is activated when the brake pedal is depressed quickly or hard (for example; during a “panic” stop).
- The brake pedal may have a “light” effort feel when the Brake Assist system is activated.
- The Brake Assist feature is deactivated simply by fully releasing the brake pedal.
- Correct brake pedal free height adjustment is necessary for best pedal feel.

When Brake Assist is activated (by pushing the pedal quickly/hard) **while the vehicle is parked or not moving:**

- The brake pedal stroke can seem relatively long.
- A “click” sound may be heard or felt when it activates.

