TOYOTA SERVICE BULLETIN

Group: 06 No.: 09 Date: Dec, 14

Prado 150

Corrections to Repair Manual RM24N1E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

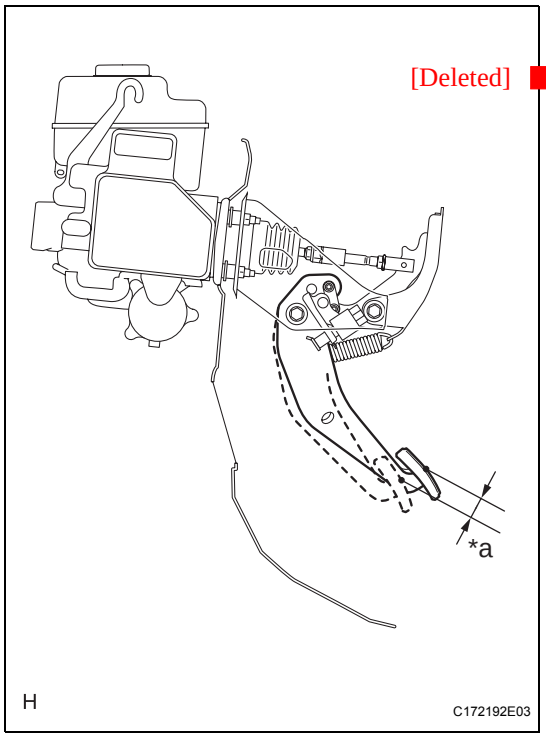
Section	Title	Paragraph
BRAKE SYSTEM (OTHER)	BRAKE PEDAL (for Hydraulic Brake Booster)	ADJUSTMENT

The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

This Bulletin does not cause the Flat Rate Manual to be changed.

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(f) Check the protrusion of the rod.
Standard Rod Protrusion:
1.5 to 2.5 mm (0.0591 to 0.0984 in.)
(g) Install the clevis pin and clip.
(h) After adjusting the pedal height, check the pedal free play.



3. CHECK BRAKE PEDAL FREE PLAY

[Deleted]

(a) Stop the engine and depress the brake pedal several times until there is no more vacuum left in the booster.

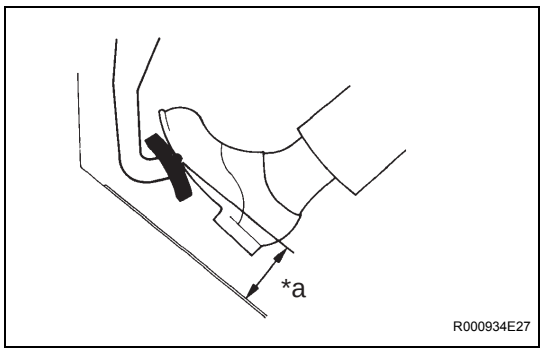
Text in Illustration

*a	Pedal Free Play

(b) Push in the pedal until the resistance is felt. Measure the distance.
Standard Pedal Free Play:
1 to 6 mm (0.0394 to 0.236 in.)
HINT:
Check the brake pedal free play at the same location as that used when checking the brake pedal height.

4. CHECK BRAKE PEDAL RESERVE DISTANCE

HINT:
Measure the distance from the same point used for the brake pedal height inspection.



(a) Release the parking brake .
(b) With the engine running, depress the brake pedal and measure the pedal reserve distance.

Text in Illustration

*a	Pedal Reserve Distance

Standard Pedal Reserve Distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf)

Item	Specified Condition
for LHD (Manual Transmission)	More than 94 mm (3.70 in.)
for LHD (Automatic Transmission)	More than 101 mm (3.98 in.)
for RHD	More than 101 mm (3.98 in.)

If incorrect, troubleshoot the brake system.
HINT:
Insert a ruler into the slit to measure the pedal reserve distance.

REASSEMBLY

1. INSTALL STOP LIGHT SWITCH MOUNTING ADJUSTER

(a) Install a new stop light switch mounting adjuster to the brake pedal support.

2. INSTALL BRAKE PEDAL PAD

(a) Install the brake pedal pad to the brake pedal.

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