TOYOTA Service Bulletin

Section :	Chassis/ Power Train
Ref. No. :	CP–1020 (Revised)
Date :	Jul., 2001
Page :	1 of 4

Area Application : USA/Canada, Europe, General, Australia

Model Name : CELICA

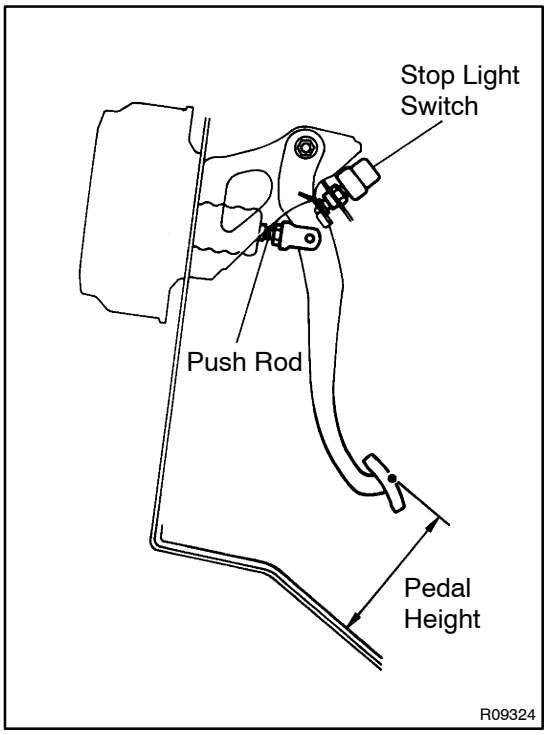
Model Code : ZZT23#

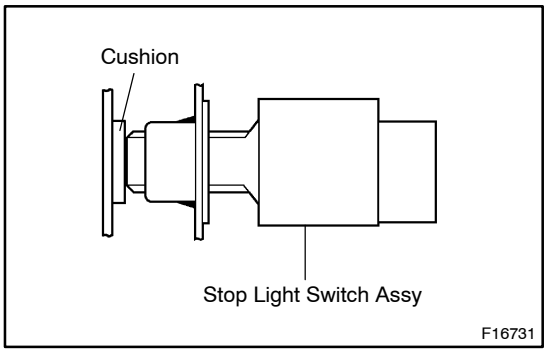
Subject : SUPPLEMENT FOR REPAIR MANUAL (BRAKE)

This Service Bulletin is to inform you of the change in the repair procedure for the brake pedal due to a change in the stop light switch. An adjuster is used to install the stop light switch to the pedal bracket.

Production Effective :

Frame No.	Production Date
–	May 2001





BRAKE PEDAL

ON–VEHICLE INSPECTION

1. CHECK PEDAL HEIGHT

Pedal height from asphalt sheet:
139.8 – 149.8 mm (5.504 – 5.898 in.)

If the pedal height is incorrect, adjust it.

2. IF NECESSARY, ADJUST PEDAL HEIGHT

(a) Remove the lower No. 1 panel and finish panel.
(b) Disconnect the connector from the stop light switch.
(c) Turn the stop light switch counterclockwise and remove the stop light switch.
(d) Loosen the clevis lock nut.
(e) Adjust the pedal height by turning the pedal push rod.
(f) Tighten the clevis lock nut.
Torque: 25 N·m (260 kgf·cm, 19 ft·lbf)
(g) Insert the stop light switch until the body hits the cushion.

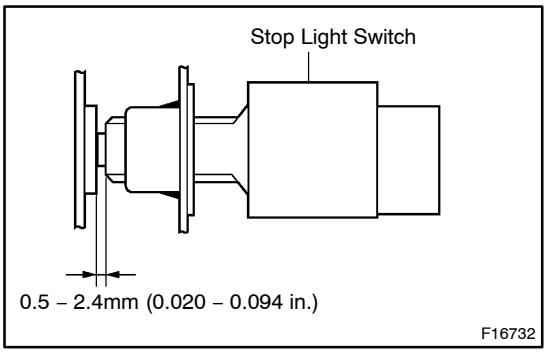
NOTICE:
When inserting the stop light switch assy, support the pedal from behind so that the pedal is not pushed in.

(h) Make a quarter turn clockwise to install the stop light switch assy.

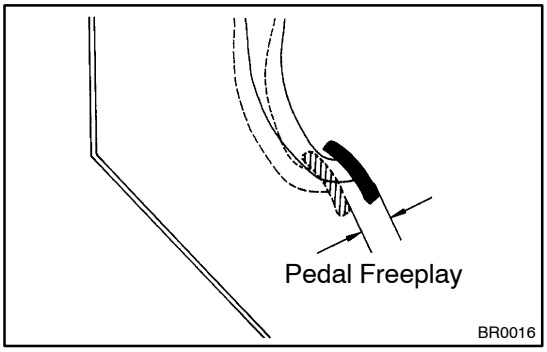
NOTICE:
The turning torque for installing the stop light switch should be 1.5 N·m (15 kgf·cm, 13 in.·lbf) or less.

HINT:
Due to the inverse screw structure, if the stop light switch is turned clockwise, the stop light switch assy moves in the direction to be pulled out.

(i) Connect the connector to the stop light switch.



(j) Check the protrusion of the rod.
Protrusion of the rod: 0.5 – 2.4 mm (0.020 – 0.094 in.)

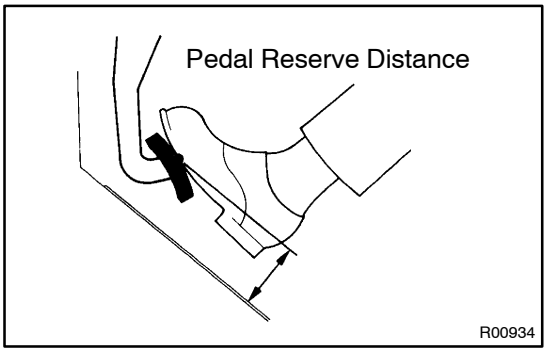


3. CHECK PEDAL FREEPLAY

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

(b) Push in the pedal until the beginning of the resistance is felt. Measure the distance, as shown.
Pedal freeplay: 1 – 6 mm (0.04 – 0.24 in.)

If incorrect, check the protrusion of the stop light switch.
If the clearance is OK, then troubleshoot the brake system.

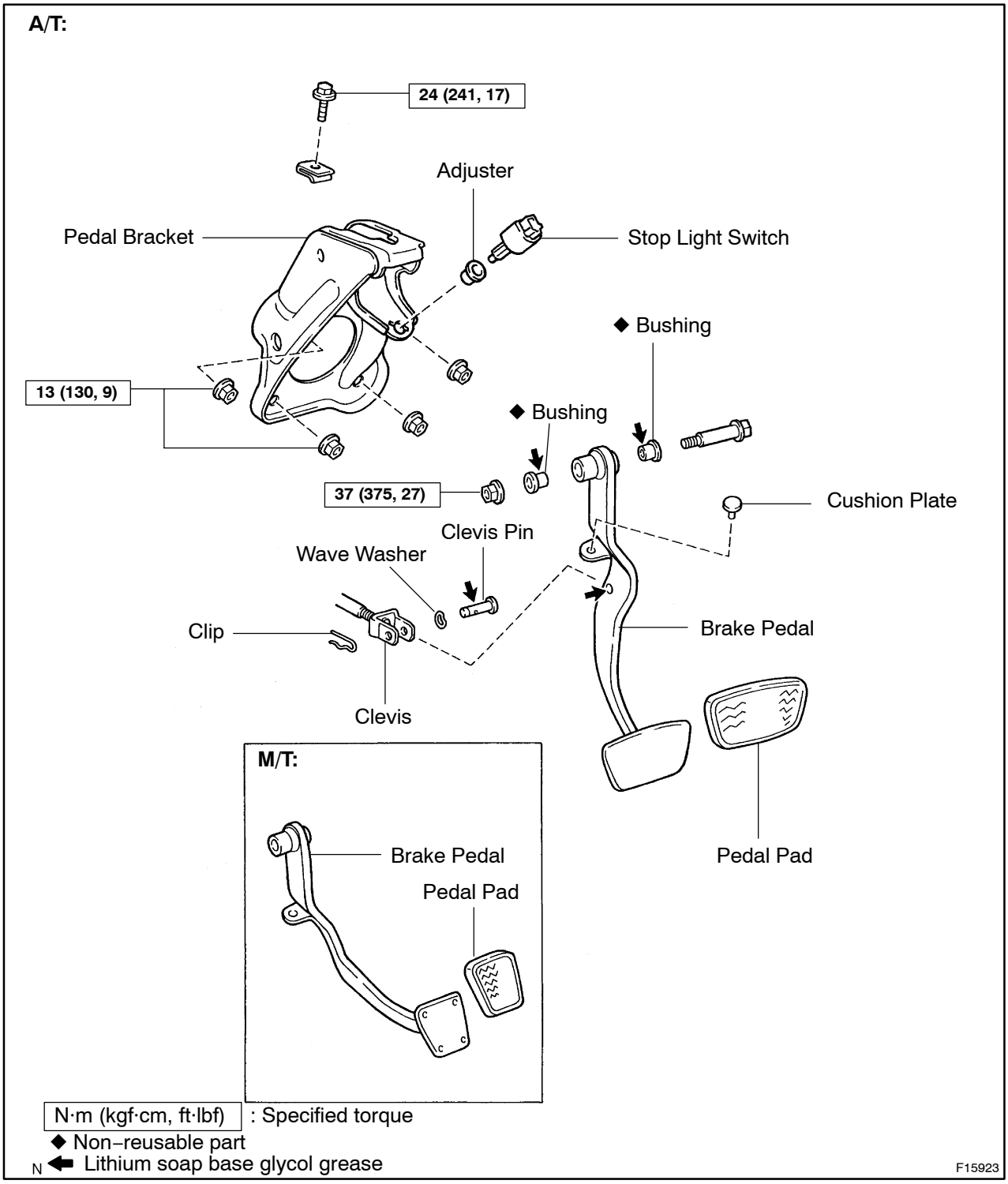


4. CHECK PEDAL RESERVE DISTANCE

Release the parking brake lever.
With engine running, depress the pedal and measure the pedal reserve distance, as shown.
Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf): More than 85 mm (3.35 in.)

If incorrect, troubleshoot the brake system.

COMPONENTS


A/T:
24 (241, 17)
Adjuster
Pedal Bracket
Stop Light Switch
◆ Bushing
13 (130, 9)
◆ Bushing
37 (375, 27)
Cushion Plate
Clevis Pin
Wave Washer
Clip
Brake Pedal
Clevis
M/T:
Brake Pedal
Pedal Pad
Pedal Pad
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non–reusable part
N ⬅ Lithium soap base glycol grease
F15923