

TOYOTA

SERVICE BULLETIN

TOYOTA MOTOR SALES, U.S.A., INC.

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REFERENCE BRAKES
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Page 1 of 2

ADJUSTMENT METHOD OF BRAKE PEDAL HEIGHT

The brake pedal height adjustment method and brake pedal freeplay specification has been changed.

PRODUCTION EFFECTIVE:

<u>VIN</u>	<u>P/D</u>
JT2MX83E-L0037048	8/89

REPAIR MANUAL EFFECTED:

<u>Pub. Name.</u>	<u>Pub. No.</u>	<u>Page</u>
Cressida Repair Manual	RM152U	BR-6

CHECK AND ADJUSTMENT OF THE BRAKE PEDAL HEIGHT

1. CHECK THAT PEDAL HEIGHT IS CORRECT, AS SHOWN IN FIG. 1:

Pedal height from intended face of asphalt sheet:
157 -167 mm (6.18 - 6.57 inches)

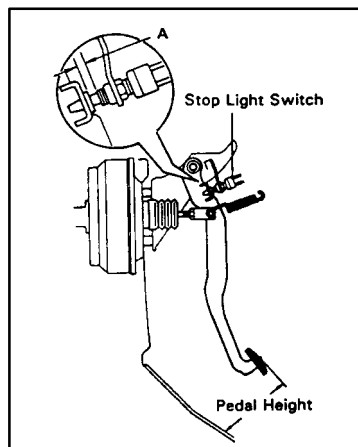


FIG.1

ADJUSTMENT METHOD OF BRAKE PEDAL HEIGHT

2. IF NECESSARY, ADJUST PEDAL HEIGHT

- a) Remove the instrument lower finish panel and air duct.
- b) Disconnect the connector from the stop light switch.
- c) Loosen the stop light switch lock nut and remove the stop light switch.
- d) Loosen the push rod lock nut.
- e) Adjust the pedal height by turning the pedal push rod.
- f) Tighten the push rod lock nut.

Torque: 260 kg-cm (19 ft-lb, 25 N-m)

- g) Install the stop light switch and turn it until clearance (A) is zero.
- h) Re-turn the stop light switch one turn.
- i) Check the clearance (A) between the stop light switch and the pedal (refer to Fig. 1).

Clearance: 0.5 – 2.4 mm (0.02 – 0.09 in.)

- j) Tighten the stop light switch lock nut.
- k) Check to make sure the stop lights operate properly when the brake pedal is depressed, and go off when the brake pedal is released.
- l) After adjusting the pedal height, check and adjust the pedal freeplay.

HINT: If clearance (A) between the stop light switch and the brake pedal stopper has been adjusted correctly, the pedal freeplay should meet the specifications.

3. CHECK THAT THE PEDAL FREEPLAY IS CORRECT, AS SHOWN IN FIG. 2:

- 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 and measure the distance, as shown.

Pedal Freeplay: 1 – 6 mm (0.04 – 0.24 in.)

If incorrect, check the stop light switch clearance. If the stop light clearance is within specification, investigate other brake system components as outlined in the service manual.

FIG. 2

