

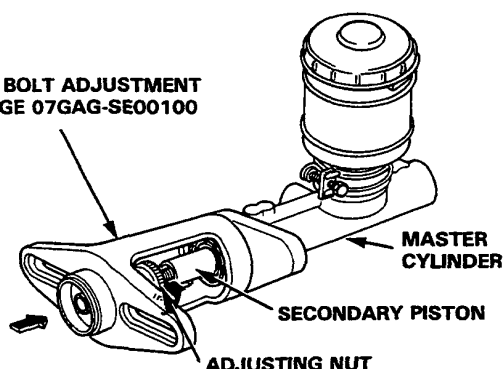


Pushrod Clearance Adjustment

NOTE: Master cylinder pushrod-to-piston clearance must be checked and adjustments made, if necessary, before installing master cylinder.

1. Using the Rod Bolt Adjustment Gauge, adjust bolt so the top of it is flush with end of master cylinder piston.

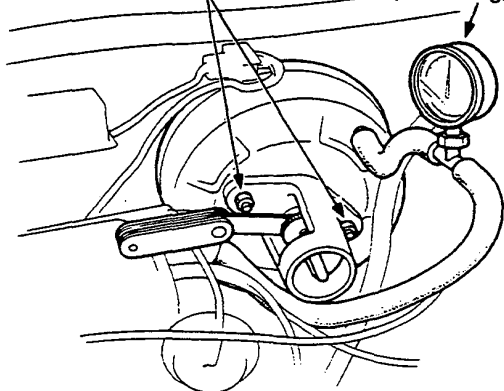
**ROD BOLT ADJUSTMENT
GAUGE 07GAG-SE00100**



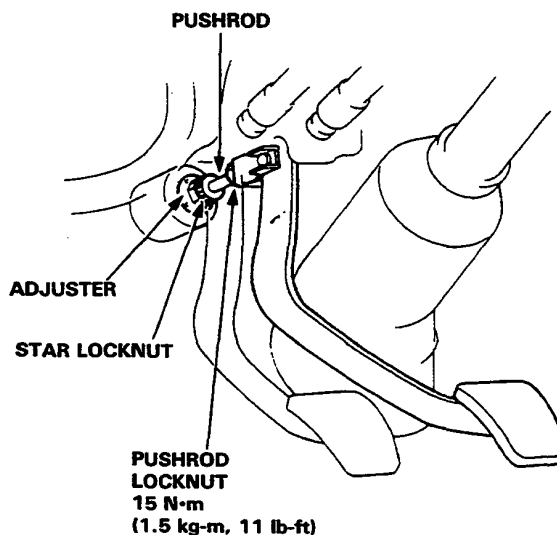
2. Without disturbing the adjusting bolt's position, install the master cylinder rod seal on the adjustment gauge and put the gauge upside down on the booster.
3. Install the master cylinder nuts and tighten to the specified torque.
4. Connect the booster in-line with a vacuum gauge (0–750 mmHg/0–30 in Hg) to the booster's engine vacuum supply, and maintain an engine speed that will deliver 500 mm Hg (20 in Hg) vacuum.
5. With a feeler gauge, measure the clearance between the gauge body and the adjusting nut as shown.

CLEARANCE: 0–0.4 mm (0–0.016 in.)

15 N·m (1.5 kg-m, 11 lb-ft)
**VACUUM GAUGE
(0-30 in Hg)**



6. If clearance is incorrect, loosen star locknut and turn adjuster in or out to adjust.
7. Tighten locknut securely.



8. After adjustment, loosen the clevis end pushrod locknut and turn the pushrod to obtain the correct pedal height.

PEDAL HEIGHT FROM FLOOR:

MT: 178 mm (7.0 in)

AT: 183 mm (7.2 in)

(with floor mat removed)

The pedal should have

1–5 mm (0.04–0.20 in) free play.

9. Adjust the brake light switch (page 19-3).