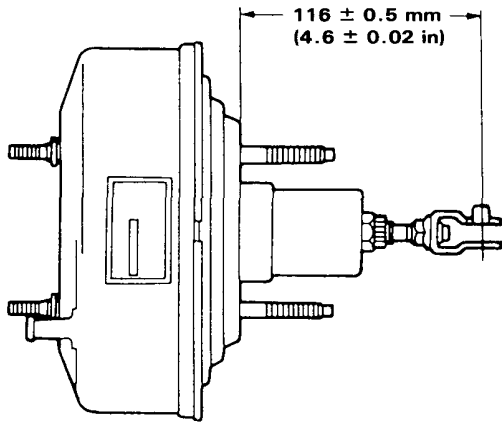


## Pushrod Adjustment

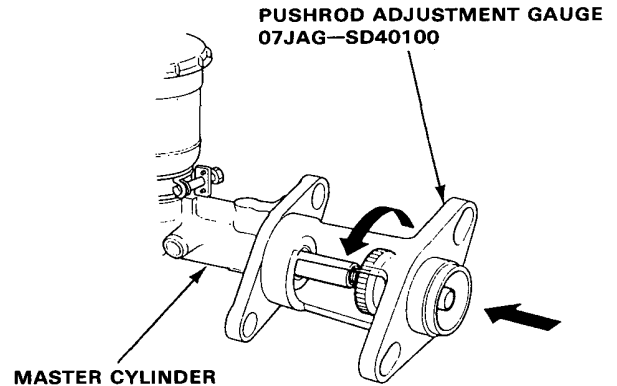
Install the locknut and pushrod yoke on the pushrod, and adjust the pushrod length as shown.



## Pushrod Clearance Adjustment

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

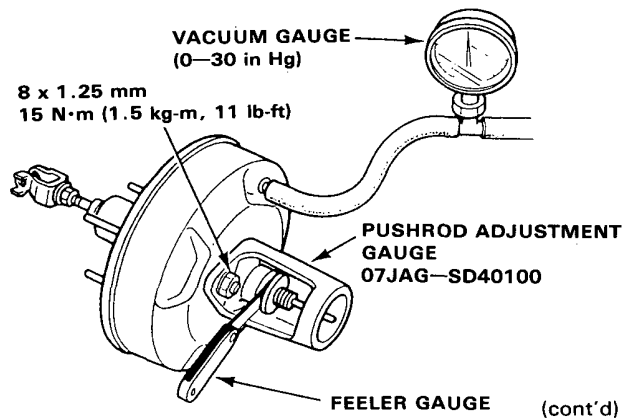
- Using the special tool, adjust bolt so the top of it is flush with end of master cylinder piston.



- Install the master cylinder rod seal on the brake booster.
- Without disturbing the adjusting bolt's position, put the special tool upside down on the booster.
- Install the master cylinder nuts and tighten to the specified torque.
- Connect the booster in-line with a vacuum gauge (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.
- With a feeler gauge, measure the clearance between the gauge body and the adjusting nut.

**CLEARANCE: 0–0.4 mm (0–0.016 in)**

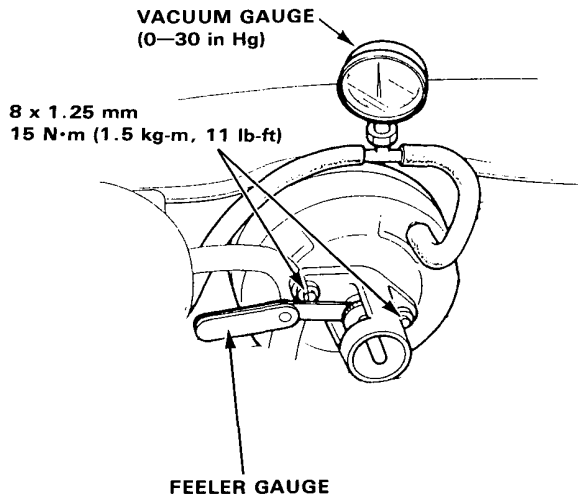
- Inspection with the booster off the car.



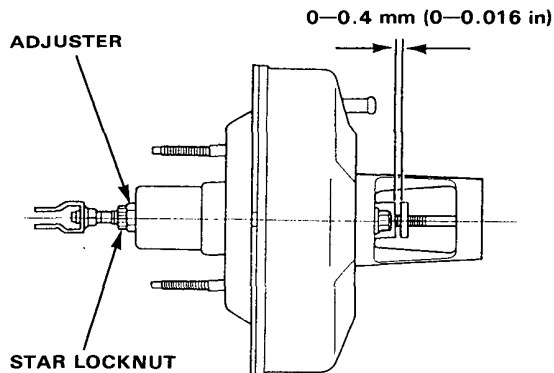
# Brake Booster

## Pushrod Clearance Adjustment (cont'd)

- Inspection with the booster on the car.



7. If clearance is incorrect, loosen the star locknut and turn the adjuster in or out to adjust. Hold the clevis while adjusting.
8. Tighten the star locknut securely.



NOTE: If the clearance between the gauge body and adjusting nut is 0 mm, the pushrod-to-piston clearance is 0.4 mm. If the clearance between the gauge body and adjusting nut is 0.4 mm, the pushrod-to-piston clearance is 0 mm.

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

**PEDAL HEIGHT FROM FLOOR; 161 mm (6.3 in)**  
(with floor mat removed)  
The pedal should have  
1—5 mm free play.

10. Check the brake light switch operation.