

Fig. 8-15 Checking Push Rod Height (Bendix)

16. Remove power unit from master cylinder and place unit on bench.

17. Apply special lubricant to piston end of push rod and to entire surface of reaction disc.

18. Place reaction disc on push rod and insert push rod and disc into diaphragm plate. Press and twist rod to make certain disc and rod are bottomed in plate.

NOTE: The push rod is designed with a self-locking adjustment screw to provide the correct relationship between vacuum piston and master cylinder piston. This adjustment is very important because it assures the compensating port being kept open while unit is in released position. Adjustment screw is set to the correct height at time of assembly and, under normal service, will not require further adjustment. When unit has been disassembled, however, adjustment should be checked to assure proper height.

19. Place Push Rod Height Gage, J-7723-01, over push rod with legs of gage resting on front shell of vacuum power unit, Fig. 8-15. Top of screw should just touch gage.

20. If adjustment is necessary, hold push rod with pliers at serrated end and turn adjusting screw either in or out as required.

21. Install new seal ring in groove on hub of master cylinder and attach master cylinder to vacuum power unit with four lockwashers and nuts. Tighten nuts to 17 foot-pounds.

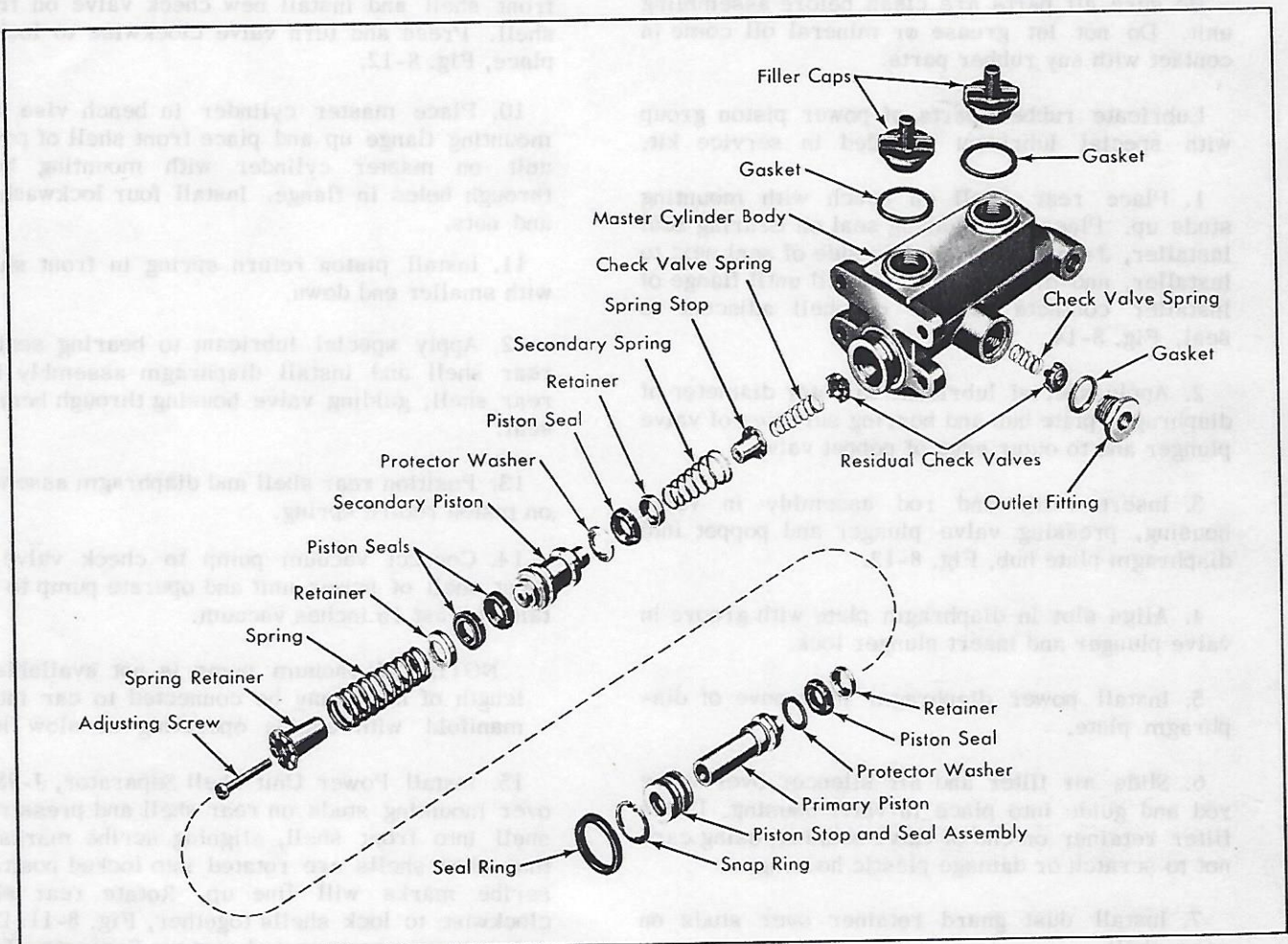


Fig. 8-16 Bendix Master Cylinder Disassembled