Solving Brake Lockup on Honda/Acura Boosters

**Application:**
Acura and Honda power brake boosters and master cylinders.

**Problem:**
Brake lockup occurs after changing power brake booster or master cylinder.

**Cause:**
Pedal push rod-to-master cylinder piston clearance incorrect. Because of original manufacturer variations, the adjustment between the booster pedal rod and master cylinder must be checked when replacing either unit.

**Solution:**
Proper adjustment can not be made until vacuum is applied to the booster. To properly adjust the master cylinder push rod, a special gauge is required. Please refer to vehicle service manual for specific procedure and required tool (tool 07JAG-SD40100). See figures 1&2 below.

To adjust rod position, loosen the star lock nut at the base of the booster. Then turn larger hex nut to adjust the push rod-to-piston clearance as needed (see figure 3 below). Tighten star lock nut and install unit as per installation instructions.

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**Figure 1:** Adjusting Master Cylinder Push Rod

**Figure 2:** Checking Brake Booster Push Rod Clearance

**Figure 3:**
Turn adjustment nut clockwise to move rod in, counter-clockwise to move rod out.