



Service Bulletin

UNIVERSAL COMPRESSION SLACK ADJUSTERS Model 5, 5D, C-1000, C-1012 and C-1100

RACK EXTENSION SETTINGS NEW CAR CONDITION

MAY 2, 2000

CARDWELL has developed a new Locking Bolt For the Model 5, 5D, C-1000, C-1012 and C-1100 Slack Adjusters to prevent premature triggering of these units. This bolt is on adjusters built or reconditioned on or after April 1, 2000. This feature includes a longer Main Spring Housing Cap and a Locking Bolt.

After the proper installation of the adjuster with all pins and cotter keys in place remove the Locking Bolt and check for correct piston travel. With the air applied, measure and record the slack adjuster rack, the space between the rear jaw of the adjuster and the rear of the housing (see figure below). The rack should be 1 1/4 to 1 3/4. If the rack is too short, release the brake system and screw the return push rod clevis. If the rack is too long, unscrew the return push rod clevis. There is approximately a 1 to 1 adjustment ratio from the return push rod clevis travel to slack adjuster rack extension.

Alternate Measurement Method

The rack extension measurement can also be taken from the rear jaw to rear edge of the Main Spring Housing Cap. This dimension is 1/4 to 3/4 inch (see figure below).

