



Figure 7-8. Actuator Cylinder Lock Installation

l. Ascertain that the actuator cylinder (15) and crank attachment bolt are outboard in the slots of the attachment fitting (19). This also may be obtained with the actuator (15) attached to the retraction arm (26) and pressure maintained on the actuator.

m. Pull the uplock rod or cable (14) out to its full length and adjust the rod or cable end until the attachment bolt can be freely inserted. Remove bolt, turn rod end out one-half turn and install bolt and spacer bushing. Tighten locknut on the ends.

n. Adjust gear actuator rod end (58) until the uplock roller clears inner hook surface by .060 to .080 of an inch when piston is bottomed. Bottom piston with hydraulic pressure. It may require several adjustments to attain this dimension because of deflection in the linkage.

CAUTION

When installing fork bolt in actuator rod end be sure that the forked end is properly aligned with the downlock operating rod or cable. Install the anti-rotation clip. (See Sketch B of Figure 7-7.)

o. Extend gear and as side braces approach the locked position, exert a side force inboard on the wheel so that the hydraulic actuator must force the linkage into the locked position. Adjust the stroke control stop (59) on the lower end of the actuator to stop the piston travel at this point. Repeat several times to determine that the stroke control is properly adjusted.

p. Back off stroke stop one-half turn and tighten locknut on stop. (Refer to Figure 7-8.)

CAUTION

Ascertain that all rod ends have sufficient gripping thread by ascertaining that a wire will not go through the check hole in the rod.

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LANDING GEAR AND BRAKE SYSTEM

