

PITMAN SHAFT BUSHING REPLACEMENT

BUSHING IN COVER

It is recommended that side cover and bushing be replaced as an assembly if the bushing is worn; however, if boring equipment is available, bushing can be replaced in the cover in following manner.

1. Thread a 1-1/8" tap into the bushing the full length of bushing (fig. 14). Place cover in a press. With suitable driver or rod inserted through lash adjuster hole in cover against tap, press out bushing.
2. Press new bushing in place and bore to

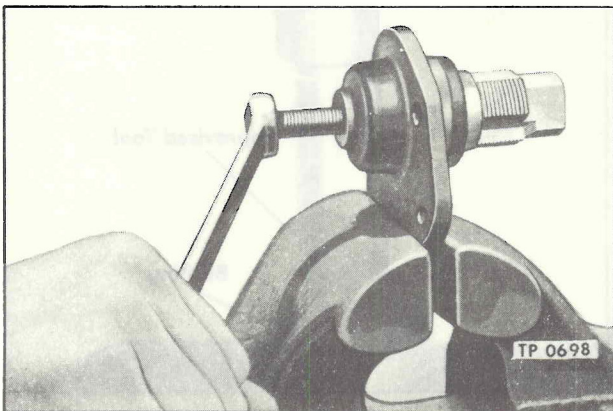


Figure 14—Removing Side Cover Bushing

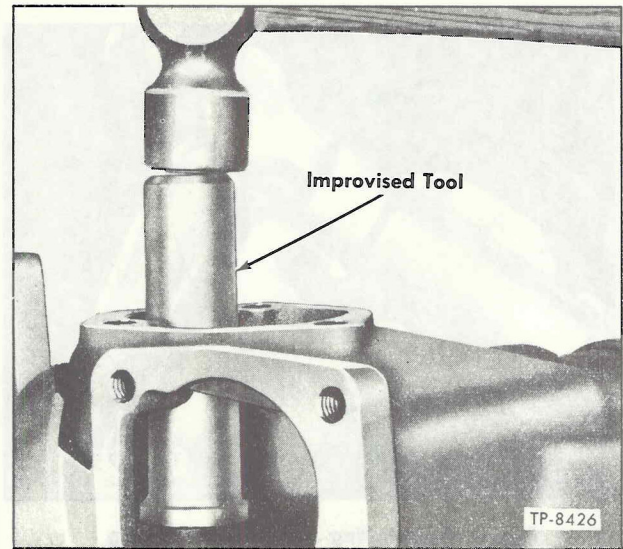


Figure 15—Removing Shaft Bushing from Housing

dimension shown in "Specifications" at end of this group. Particular care must be taken that bushing is bored true.

BUSHING IN HOUSING

To replace Pitman shaft bushing in housing, proceed as follows, referring to "SPECIAL TOOLS" at end of this manual for tool numbers of bushing removers and replacers.

1. Drive bushing from housing in manner shown in figure 15. Improvised tool can be made if desired.
2. Drive bushing into housing in manner shown in figure 16. Improvised tool can be made if desired. Tool can also be made to install housing oil seal and retainer.

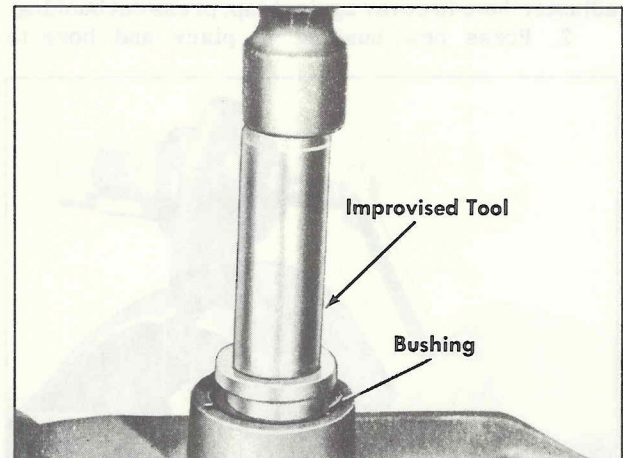


Figure 16—Installing Shaft Bushing in Housing