

## INSTALLATION INSTRUCTIONS

# GM TRANSMISSION DOWEL PIN HOLE REPAIR TOOL

**T350-301**

**SM-134 Additional Sleeves**



**NOTE:** Will not fit S-10 pickup trucks.

1. Inspect the dowel pin holes on transmission case.  
This tool repairs Chevrolet cases on 200, 200C, 200-4R, 350, 350C, 400, 700-R4, 4L60E and 4L80E transmissions.



Figure 1



Figure 2

- If wear is found (**Figure 1**) in the dowel pin hole begin the repair process by attaching the boring fixture with the attaching nuts only tightened slightly (**Figures 2 and 3**).

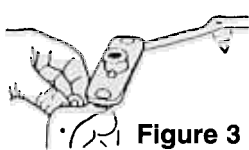


Figure 3

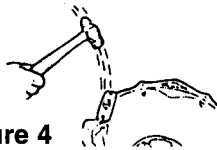


Figure 4

2. Next, insert the combination aligning pin and sleeve drive through the boring fixture, into the case. Use a hammer (**Figure 4**) to pound the combination aligning pin and sleeve driver until it bottoms. Now tighten the two 3/8" nuts to 35 foot pounds.

3. From the back side of the case, drive the combination aligning pin and sleeve driver forward out of the case (**Figure 5**). Install the 11/16" drill bit in a 3/8" or larger drill. Oil the drill thoroughly to allow accurate cutting. Drill completely through the case.

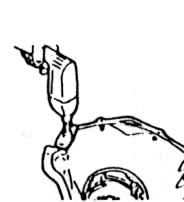


Figure 5

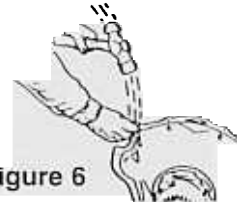


Figure 6



Figure 7

4. Remove the boring fixture (**Figure 6**). Drive the dowel pin finishing sleeve into the transmission case with the combination aligning pin and sleeve driver. This completes your case rebuilding procedure and will make the case perfectly aligned (**Figure 7**).