



# Technical Service Information

## GM 4L60/70/75E PREMATURE/REPEATED 3-4 CLUTCH FAILURE

**COMPLAINT:** Vehicles equipped with the 4L60/70/75E transmission may exhibit a complaint of premature or repeated 3-4 Clutch failure.

**CAUSE:** The cause may be a leak where the turbine shaft is pressed into the input housing as shown in Figure 1. **Note:** This problem may only show up when hot, take the input drum fully assembled and place it in a plastic bag and put in the parts washer then re test.

**CORRECTION:** To correct this condition, press the turbine shaft out of the input drum, from the opposite side shown, and apply Loc-tite around the shaft and press it back in. Let the drum set for a while and re- air test to make sure the leak is fixed. If the leak can not be fixed, replace the drum.

**Special note:** GM part number 17803687 has been known to have an issue with passages connected from incorrect drilling of the turbine shaft. Verify that the passages are not connected, as shown in Figure 2, before installing the drum back together.

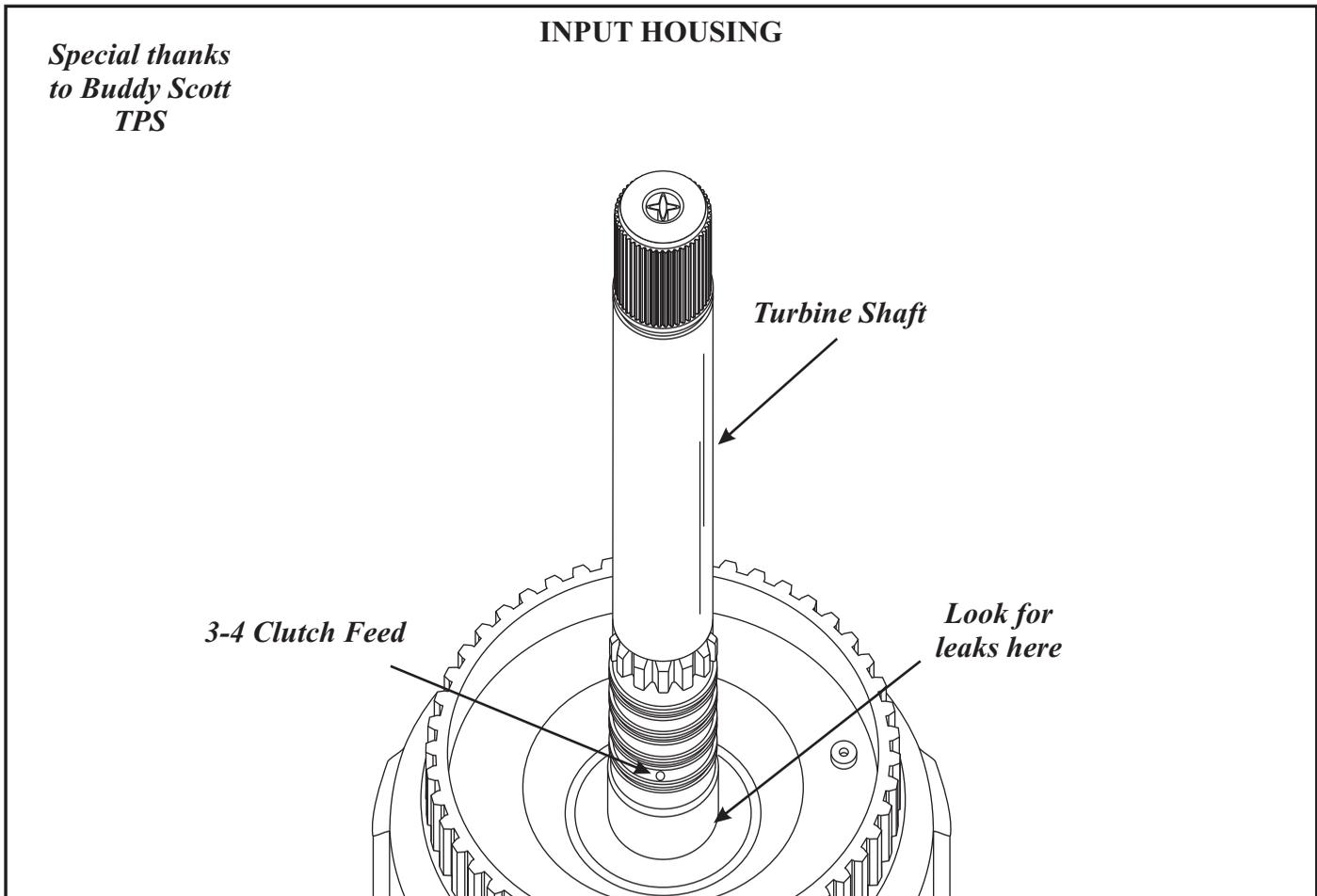
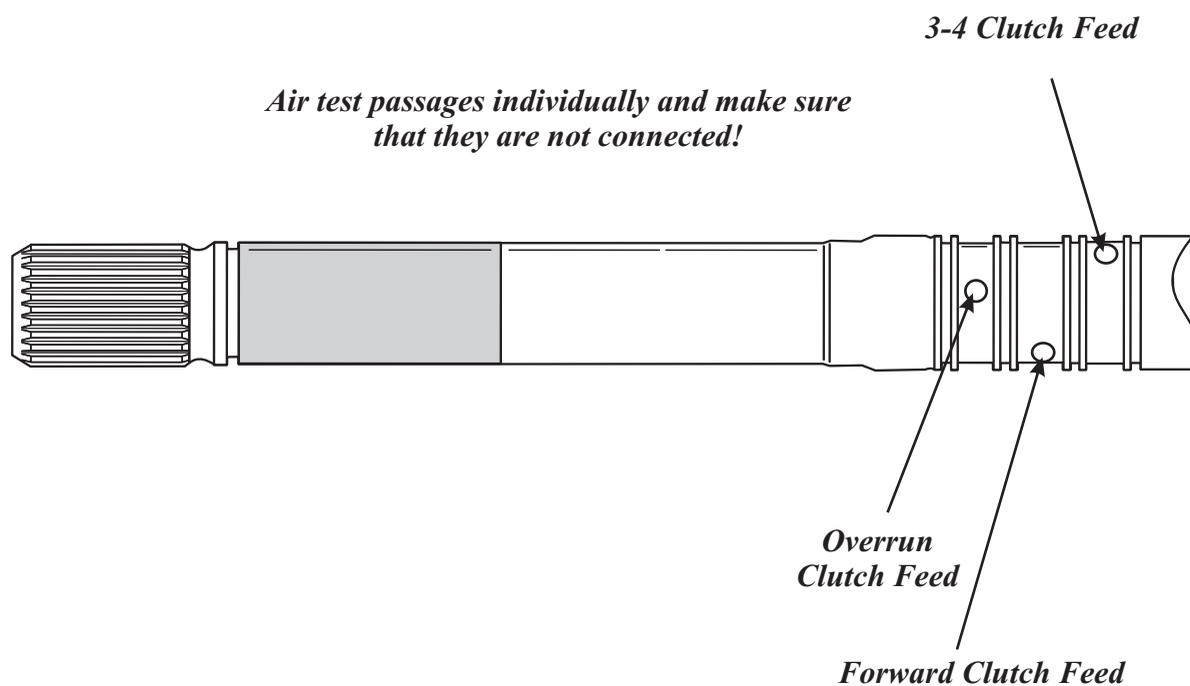


Figure 1

## TURBINE SHAFT PASSAGE I.D.



*Note: GM part number 17803687 does not have the reluctor for TSS*

Figure 2