



# Technical Service Information

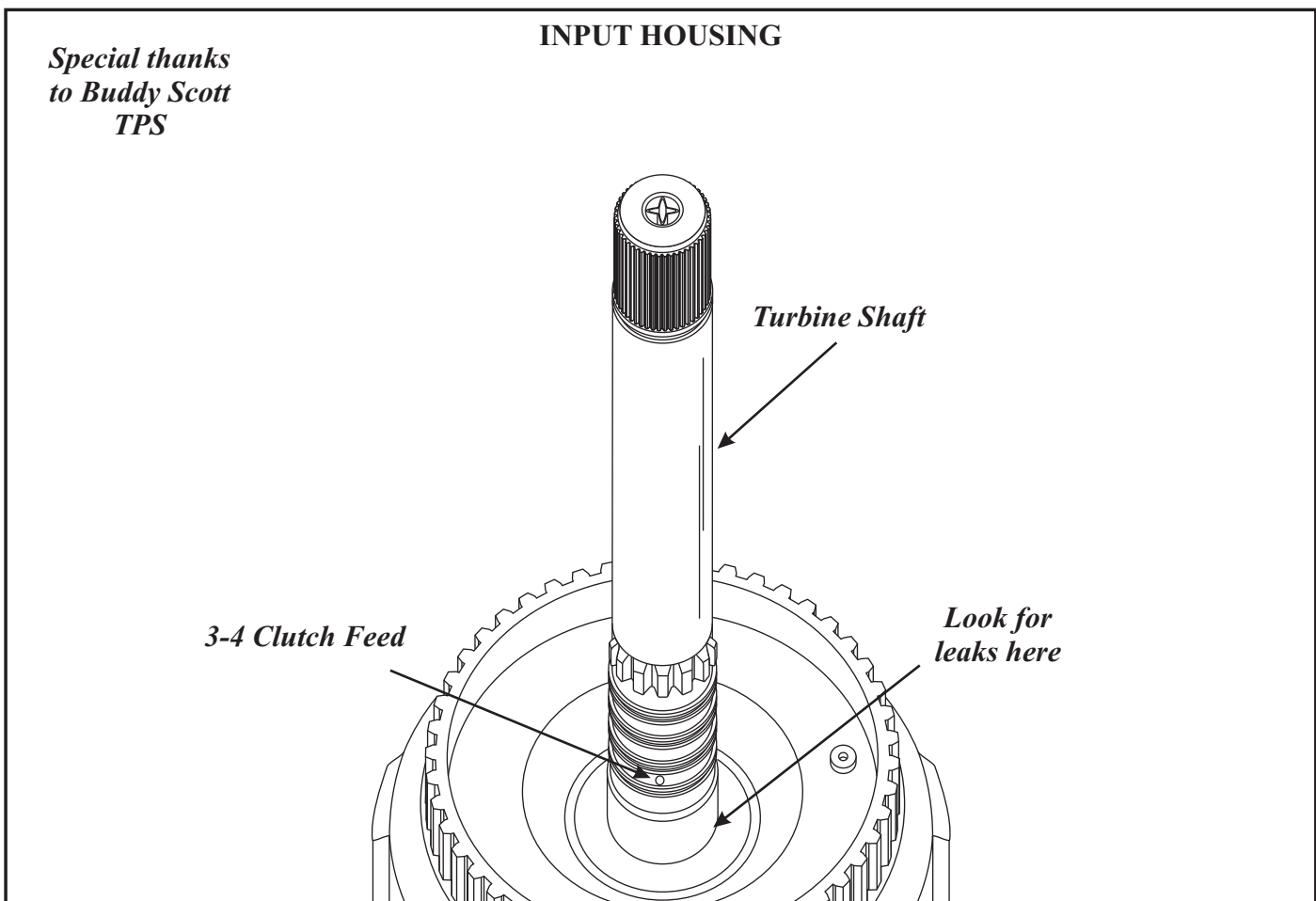
## GM 4L60/70/75E PREMATURE/REPEATED 3-4 CLUTCH FAILURE

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

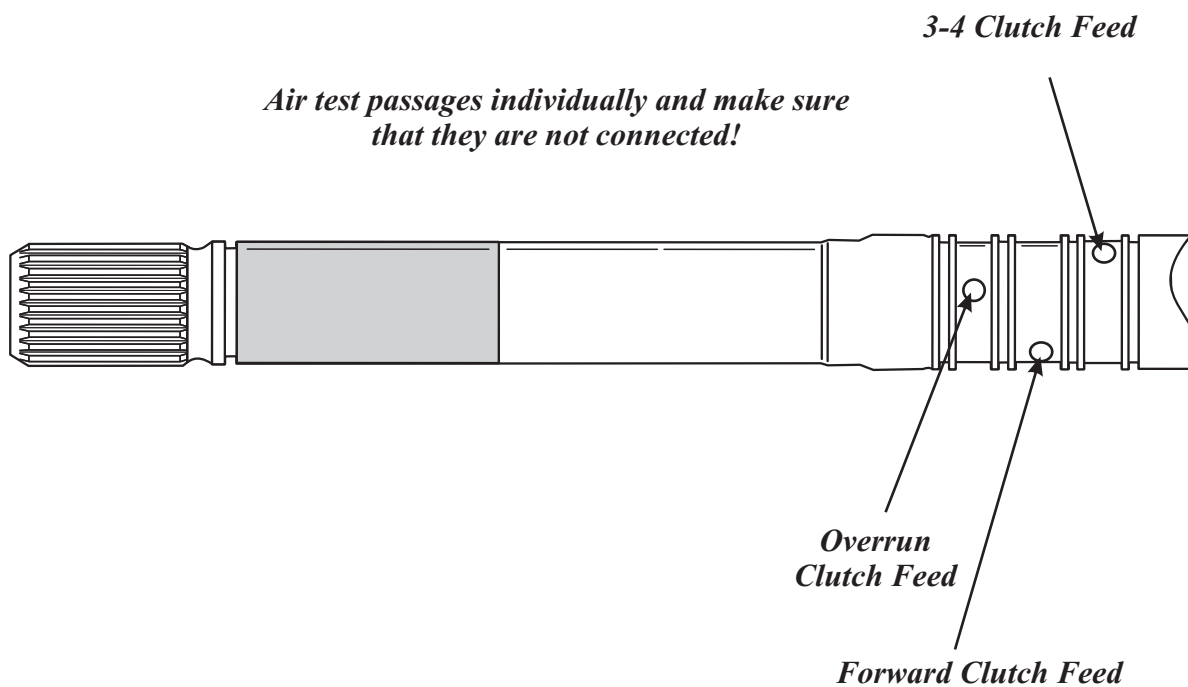
**CAUSE:** The cause may be a leak where the turbine shaft is pressed into the input housing as shown in Figure 1. **Note:** This problem may only show up when hot, take the input drum fully assembled and place it in a plastic bag and put in the parts washer then re test.

**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.



## TURBINE SHAFT PASSAGE I.D.



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

Figure 2