



Technical Service Information

THM 4L60-E BIND-UP IN MANUAL LOW AND REVERSE 2ND GEAR START AND BIND ON 2-3 UPSHIFT

COMPLAINT: After overhaul, the vehicle exhibits a bind up in manual low and reverse. It takes off in second gear in the OD position and binds up going into 3rd gear.

CAUSE: There are different length valve body bolts which can be easily mis-positioned (See Figure 1). A **common** error is placing a 54.4 millimeter length bolt into a location designed for a 47.5 millimeter length bolt (See Figure 2). The mis-located bolt will extend into the barrel of the case and into the sun shell. The bolt now being screwed into the sun shell inhibits the rotation of the shell creating the above complaint.

CORRECTION: Relocate the necessary valve body bolts to their proper location. Use figure 3 to locate the proper bolt positions for the 47.5 and 54.4 millimeter bolt lengths. In severe cases, it may be necessary to remove the transmission in order to replace the damaged sun shell.

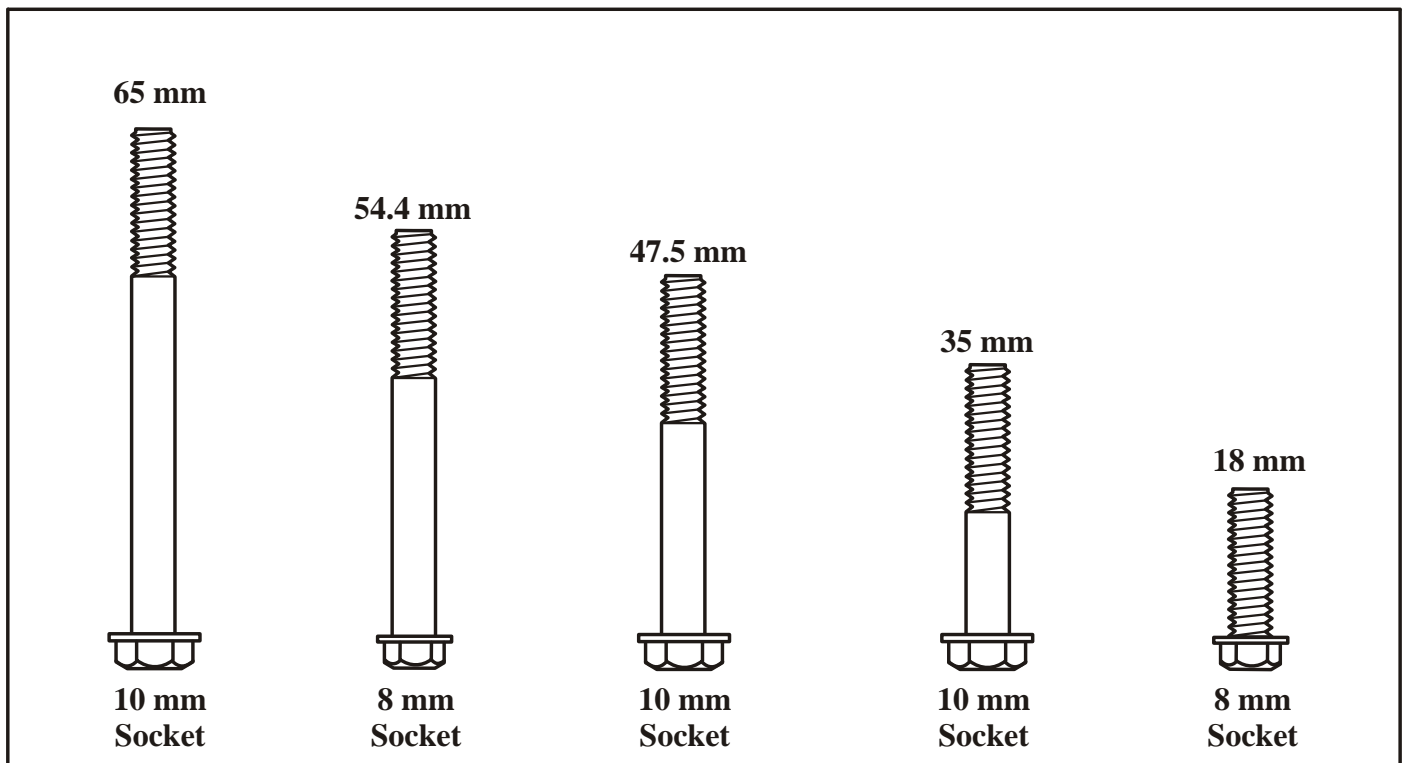


Figure 1

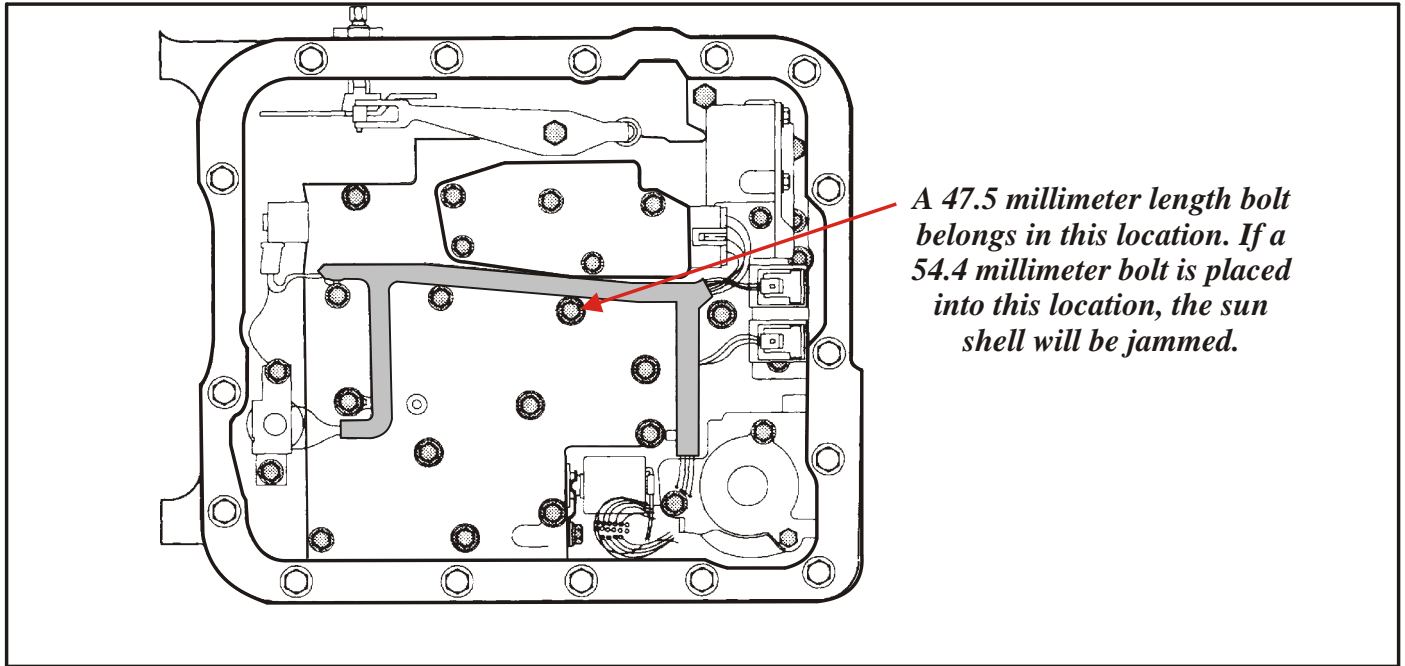


Figure 2

