



FORD A4LD, 4R55E, 5R55E, 5R55N, 5R55W PUMP TO CONVERTER HOUSING THREAD REPAIR OR PUMP BODY TO PUMP COVER

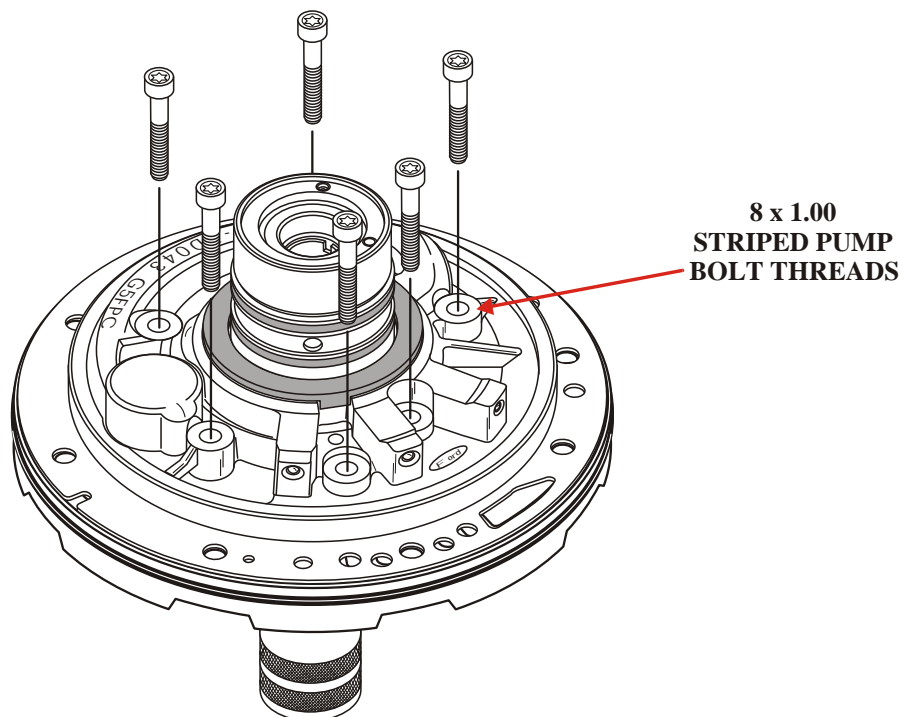
COMPLAINT: When tightening the pump to converter housing bolts, one or more of the bolt hole threads strips out, which will now require repair using the Heli-Coil® method. After an attempt to locate a Heli-Coil® kit for 8mm x 1.00 thread, it is discovered that a repair kit does not exist for this size thread.

CAUSE: The causes of this complaint can be metal fatigue or over tightening.

CORRECTION: The original bolt size, seen in Figure 1, is 8 x 1.00 x 35mm. Since a thread repair kit does not exist for this size, use an 8 x 1.25mm tap to repair the damaged threads, because a thread repair kit does exist for this size thread.

Once the threads are restored, locate one of channel plate bolts from a 4T60 as shown in Figure 2, because they match the original bolt length, and use it to secure the pump and since these bolts are Torx head, they will fit into the narrow recess in the pump casting. Finish by tightening to 18 ft.lbs. of torque in a criss cross pattern as shown in Figure 3.

NOTE: *Be sure to use a pump alignment tool to avoid pump noise.*



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Figure 1

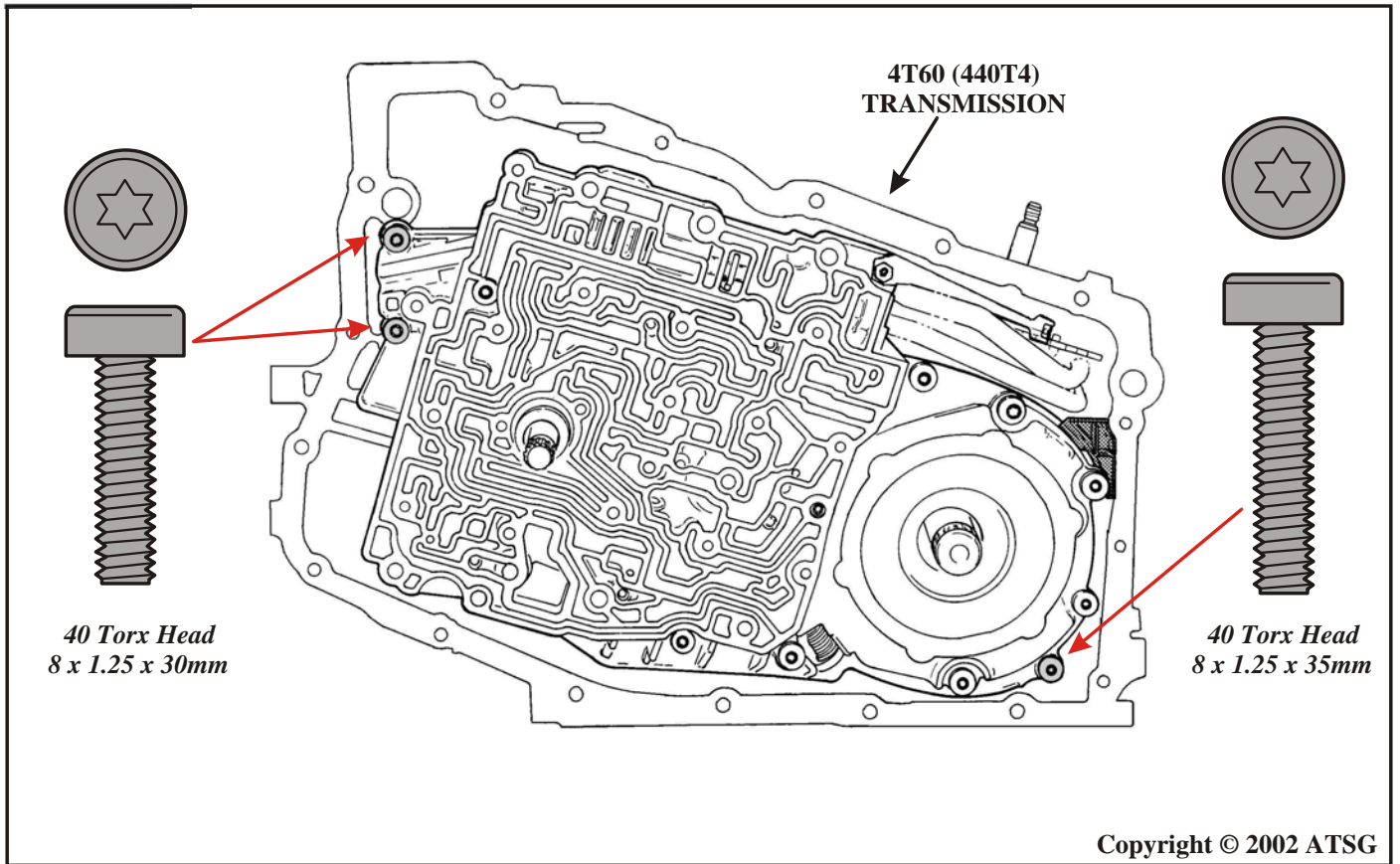


Figure 2

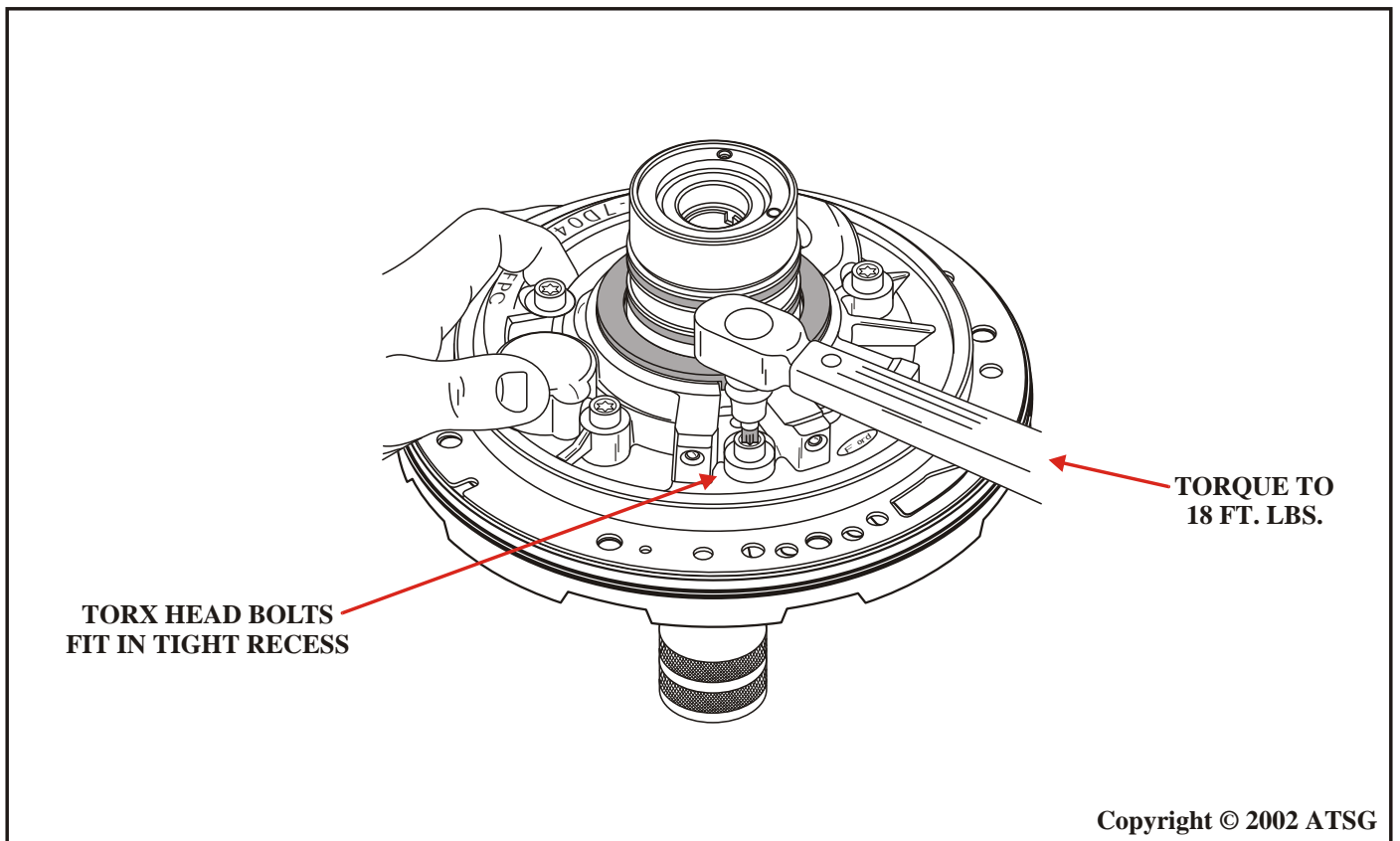


Figure 3