










# Input Shaft Replacement Procedure for the T40, TL200 and K46 TUFF TORQ transaxles

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*Note: Some models may vary. This diagram is intended to provide information for the replacement of the Input Shaft only.*



## Tools Needed

-  Screwdriver flat blade
-  Hammer
-  Snap-Ring pliers
-  Input Shaft Seal Driver (Part #2222)
-  Black electrical tape



## Input Shaft Replacement Procedure for the T40, TL200 and K46



- Remove the Snap-Ring, Fan, and Pulley. Please note the stack up of the Pulley, Fan, Washer etc.
- Discard the old Snap-Ring
- Remove the E-clip from the shaft.


*Note: Typically the E-clip can be reused on the replacement Shaft, but if the clip appears worn then we suggest that it is replaced*






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 Remove the Seal by puncturing the Seal with a screw driver and lifting upward in order to pry out the Seal. *Note: Be careful not to damage the Upper Housing*

 Remove the internal Snap-Ring  
*Note: The internal Snap-Ring can almost always be retained and reused*





- Simply pull the Input Shaft and Bearing assembly out of the Upper Housing

*Note: Be sure to pull straight out so that you don't move the Spring or the Pump Cylinder Block on the inside of the unit. If the internal parts get out of alignment then the unit will have to be completely disassembled*



- Install the new Input Shaft and Bearing Assembly. Pay attention to the Spring that is located inside the unit as this must align correctly








- Install the Snap-Ring and make sure that it is seated properly
- Tape the splined portion of the shaft with electrical tape  
*Note: Image to the right shows the shaft being taped, be sure to tape all the way to the end*

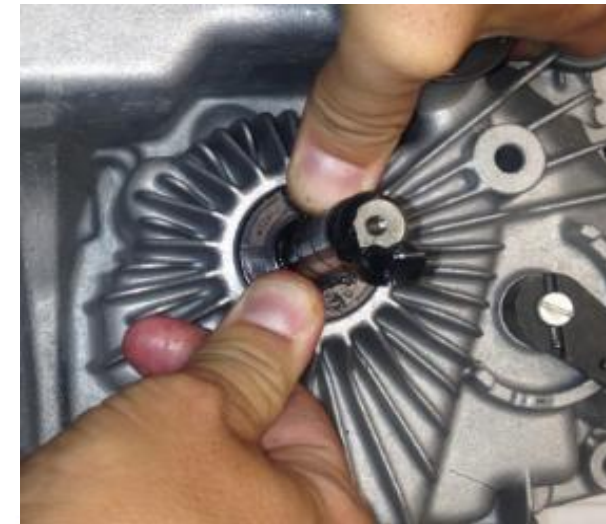




## Input Shaft Replacement Procedure for the T40, TL200 and K46



-  Apply grease to the new oil Seal. A generous coating will be fine in order to protect the Seal
-  Carefully slide the new Seal over the Input Shaft
-  Press the Seal down with your thumbs as evenly as possible



## Input Shaft Replacement Procedure for the T40, TL200 and K46



- Remove the tape from the Shaft and drive the Seal into position with the Input Shaft Seal Driver (Part # 2222)





## Input Shaft Replacement Procedure for the T40, TL200 and K46



 Install the E-clip back on the shaft

 Install the Fan, Washer, Pulley and new Snap-Ring

*Note: Proper orientation is critical*







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