












K46 TRANSAXLE BOLT STYLE INPUT SHAFT REPLACEMENT

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Note: Some models may vary in appearance or Fan/Pulley stack-up. This diagram is intended to provide information for the replacement of the Input Shaft.


Tools Needed

-  Snap ring pliers
-  Flat screwdriver
-  Input shaft seal driver (2222)
-  Electrical tape
-  Rubber mallet/hammer
-  Molybdenum Grease
-  Ratchet
-  10 mm socket
-  Torque wrench




 Remove the Bolt, Lock Washer, and Washer



 Please note the orientation of all components as they are removed. The Bolt should be discarded and replaced with a new Bolt



 Remove the Seal by puncturing the seal with a screwdriver and lifting upward in order to pry out the Seal. Be careful not to damage the Upper Housing.



 Remove the 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



 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



-  Remove the tape from the Shaft and drive the Seal into position with the Input Shaft Seal Driver (Part # 2222)
-  Apply Molybdenum grease to the Input Shaft.
-  Install the Fan, Washer, Pulley, Washer, Lock Washer, and Bolt.
Note: Proper orientation is critical.
-  Torque the bolt to $7.84 - 11.76Nm$





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