



## 2"– 8" Gearbox Replacement Instructions

**READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.**  
**QUESTIONS? CALL 916-760-4524 M-F 8:00 AM – 4:30 PM PST**

At Backflow Direct we are committed to making our products as easy to install as possible. We design for most contingencies, but installation may be different based on your regional regulations or system design.

We are continually improving our products and instructions – please help us by providing recommendations as to how we can improve our products or instructions.

If you have any difficulties at all, please give us a call. Thank you for purchasing our product!

**IMPORTANT NOTE:** We use Stainless Steel Hardware where possible. Therefore, it is best to have Silver Anti-seize available to use on all non-wetted bolts—only a small amount is needed.

**WARRANTY INFORMATION:** Please visit our website for our official warranty [www.backflowdirectwarranty.com](http://www.backflowdirectwarranty.com)

# 2”- 8” Magnum Gearbox Replacement Instructions



**Tools Required:** This list is the recommended tools for ease of installation. Other versions of the same tool can be used. For example, Allen Wrenches instead of Allen Drive Sockets.



#2 Flathead Screwdriver

1/2” Ratchet Wrench



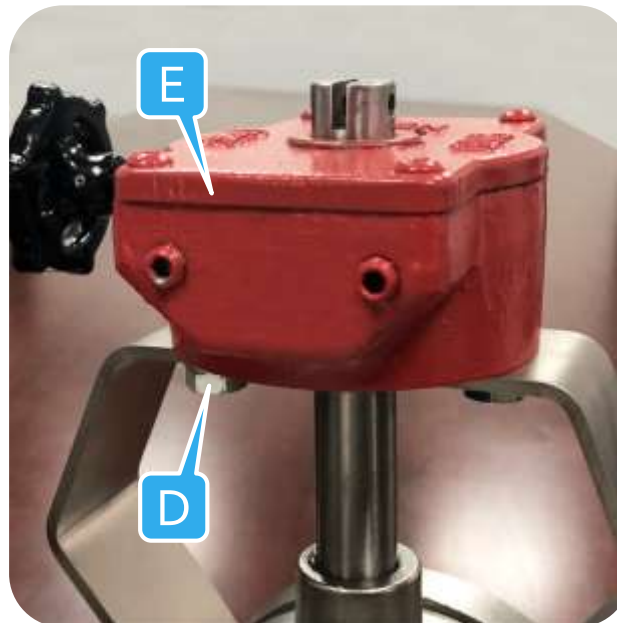
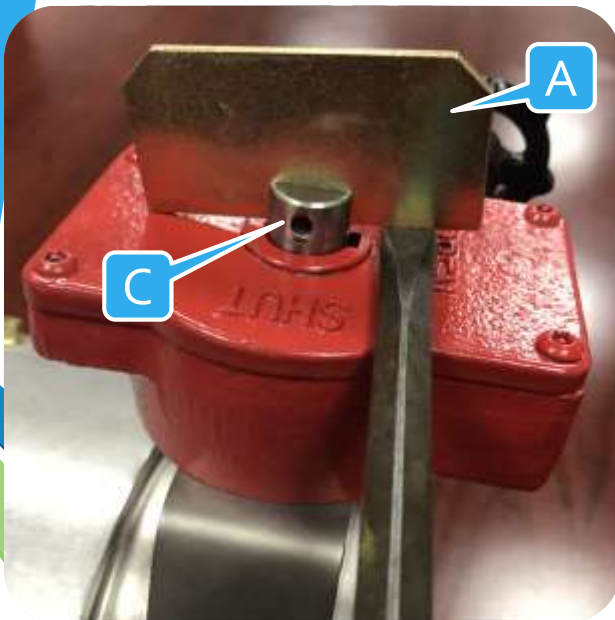
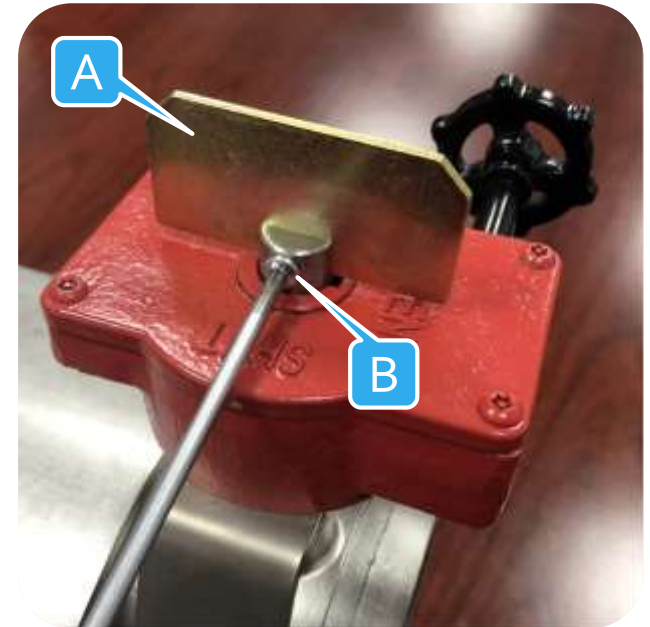
Torx Driver

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# 2"- 8" Magnum Gearbox Replacement Instructions

## Remove Old Gearbox

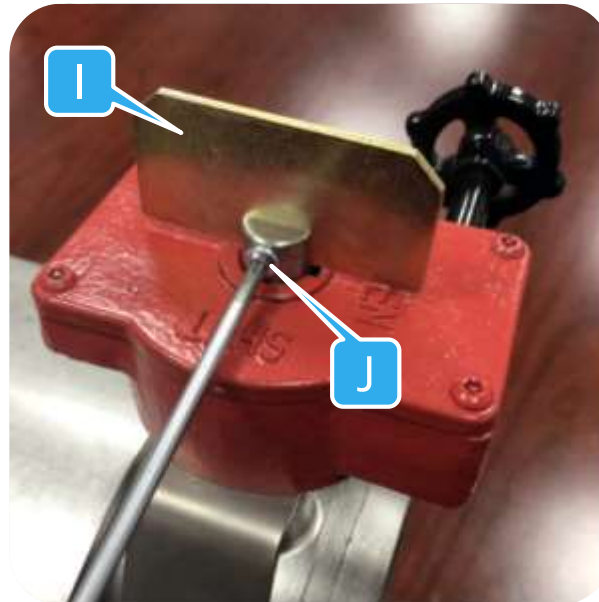
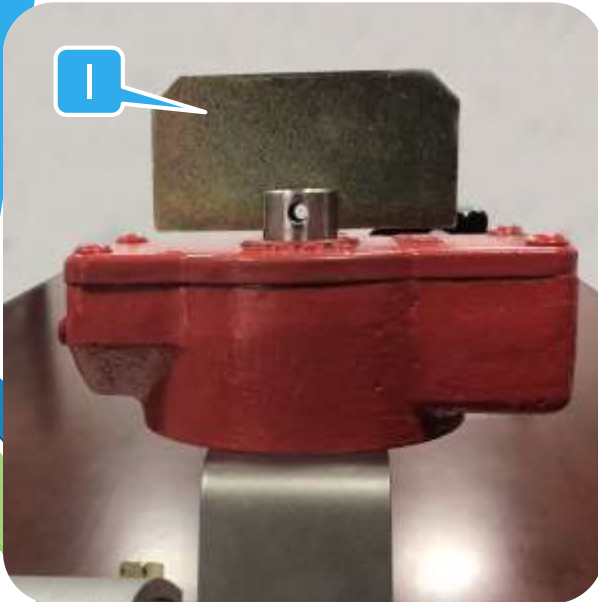
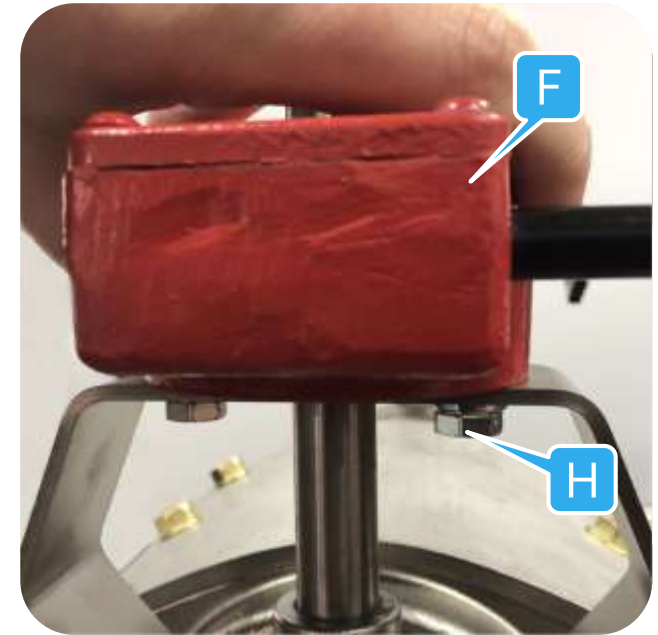
1. Begin Disassembly by removing the indicator flag (A). Loosen the indicator flag set screw (B) just below the indicator flag with a torx driver.
2. Use a small flat head screwdriver to pry indicator flag (A) off of shaft (C). This will allow for gear box removal.
3. Using a 1/2" ratchet wrench loosen the three gear box bolts (D) on the bottom of the gear box (E).
4. Remove gear box (E).



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## Install New Gearbox

- 5. Install new gear box (F) making sure to align the gear box indentation (G) with the shaft key.
- 6. Using a 1/2" ratchet wrench reinstall the three gear box bolts (H) on the bottom of the gear box (F).
- 7. Install indicator flag (I)
- 8. Tighten the indicator flag set screw (J) just below the indicator flag (I) with a torx driver.



**Note:** Make sure the split washers are on the gear box retaining bolts before installing.

