

JETAWAY Instructions

417-858-8616



Read all red warnings

- **DO NOT attempt to shift the JETAWAY unit while the engine is running, serious damage will occur.**
- **Assure the shift collar remains in the drive position as shipped during installation.**
- **Approx. required space - Jetaway 1 = 4.25" - Jetaway 2 and 3 = 4.50"**

Prepare the Jet Drive

- Remove the bearing cap and clean the surface.
- Utilizing proper tooling, drill the 4 x 5/16 x 18 additional holes in the front of the suction housing. 8 total holes are required to secure the Jetaway the jet drive – We sell a cheap drill jig if needed.
- The double lip suction seal behind the main bearing must be installed with the spring facing forward. Also assure the slinger ring is in good shape and has no grooves.

Prepare the Jetaway

- Remove the 5/16 nut and stop washer from the pump side of the JETAWAY and discard.
- Complete the tasks on the (**Shim and O-ring Instructions page**)
- Slide the clutch assy. onto the pump shaft assuring the 4 tooth dog ear is facing forward. Assure the clutch sleeve seats against the thrust bearing retaining snap ring with no gap and slides freely. Note: Pay close attention to the spring to assure it stays nested in the sleeve and the clutch gear cutouts.
- Carefully slide the Jetaway over the clutch and tighten the 8 bolts. Slide the shift ring back and forth several times. It is common to rotate the shift collar to get it moving initially.

Inspect the Function

- Assure the Jetaway is shifting properly by turning the front shaft on the Jetaway unit.
- When in NEUTRAL, the Jetaway shaft should turn easily with no interference and the shift collar will slide back contacting the pump housing.
- When in DRIVE, the Jetaway should turn the pump shaft in one direction and ratchet in the other.
- Shift the collar into the neutral (back) position to reveal the fill and check plugs. (**Ref. Oil Fill Sheet**) for adding lube to the Jetaway. The oil that you add will lubricate the front thrust bearing. Greasing the pump is no longer necessary. The grease fitting hole in the pump housing can be plugged as it is no longer used.
- Check for leaks.
- Enjoy!

LIMITED WARRANTY

HI-TECH PERFORMANCE, INC. Warrants the Bolt-On Jet Pump Release (JETAWAY) to be free from defects in material and workmanship under normal use and if properly installed for a period of one (1) year from the date of purchase. If found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with the proof of purchase by the original purchaser. This shall constitute the sole remedy of the purchaser and the sole liability of HI-TECH PERFORMANCE, INC. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability of fitness. In no event shall HI-TECH PERFORMANCE, INC. be liable for any special or consequential damages.

Shim & O-Ring Instructions

Bolt the JETAWAY to the pump housing with no clutch, gasket or O-ring. Check the gap between the JETAWAY and the pump housing (see pic.).

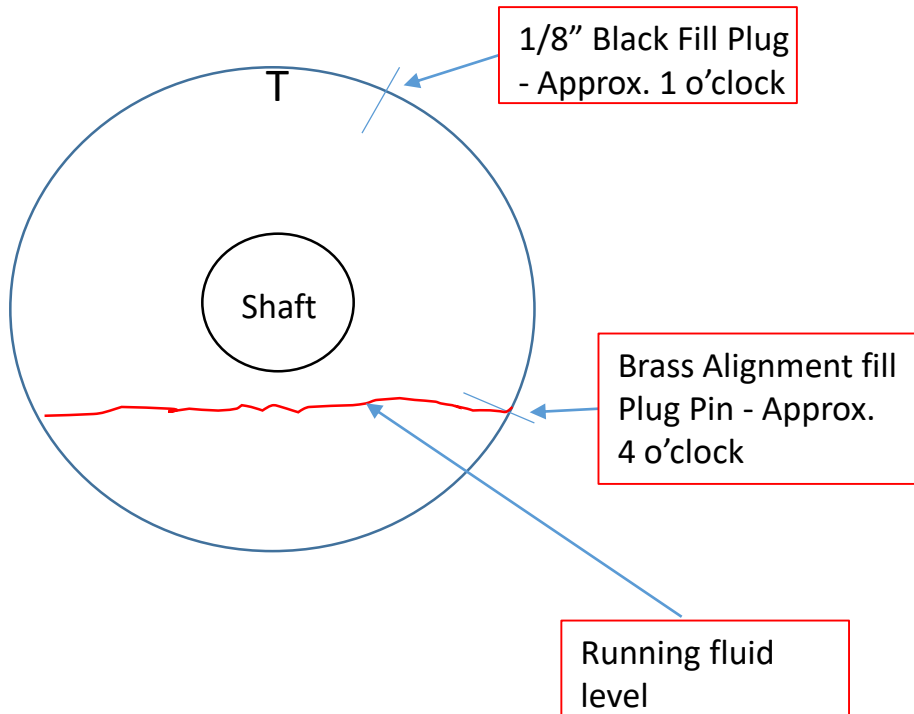
1. If using the shim gaskets provided, install .005" to .010" thicker than the gap measured. Shim example – If your gap measures .030" then install .035" to .040" gasket (lightly silicone both sides)

2. The latest Jetaway 3 (ser #1224001 and later) have a provision for an O-ring on the back. O-ring example - The O-ring seals up to .050". If your gap measures .030, then install the O-ring (lightly silicone both sides)



If you have questions - Call 417-858-8616 for help!

Orientation and Oil Fill Instructions



1. HTP has revised the Jetaway installation clocking to only allow approx. 6 oz. of oil in the Jetaways. (the supplied bottle holds 6 oz.) Many Jetaways are overfilled and with expansion can result in fluid leaking past the seals.
2. The fill port should be rotated to the 1 o'clock and the gold alignment pin to the 4 o'clock position.
3. In order to reduce the chance of a leak around the fill and drain plugs, add a thread sealer like ARP 100-9904 or thread tape to the fill and drain plugs upon final installation.
4. Apply a TINY amount of silicone to each side of the shim gasket or O-ring upon final assy.
5. Using any other oil other than the prescribed Jetaway oil will void the warranty.