

## ADJUST-A-THRUST INSTALLATION INSTRUCTIONS

Model SKT1 - Skat/yamaha pumps, Polaris Octane, Solas Pumps

***\*Before installing the Adjust-A-Thrust, read and understand the instructions and the tuning sheet.***

***\*Remove steering cable, trim/ reverse rods, and bilge hoses from the steering nozzle.***

***\*Remove the bolts that secure the exit nozzle to the pump, and the exit nozzle.***

***\*Remove the 3 bolts that secure the stock tailcone, and the tailcone.***

***\*Clean grease from pump surface where the unit mounts.***

***\*Apply an 1/8" bead of ultra blue RTV sealant or equivalent to the body. See diagram below.***

***\*RTV must cure overnight, failure to let it cure will result in pump bearing failure due to water contamination.***

***\*Install unit so that the inlet orifice points as close to 6:00 o'clock as possible, fasten with hardware provided.***

***\*Install the 1/4" washer over the shoulder bolt. Next, install the shuttle stop tube (aluminum), then the spring.***

***\*Install the shortest shuttle into main body and secure with shoulder bolt assembly.***

***\*It takes some force to collapse the spring in order to tighten the shoulder bolt into the main body.***

***\*When installing the shoulder bolt, Do not torque to over 7 ft/lbs, or you will break off the bolt!!***

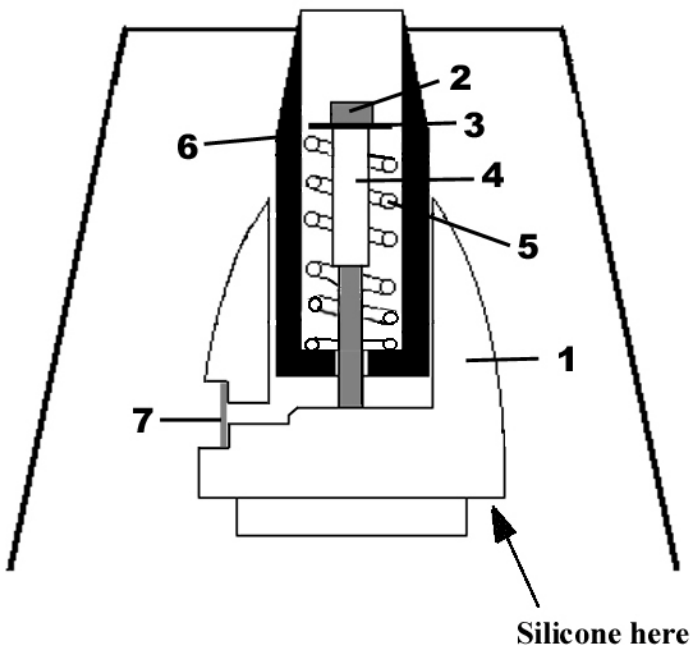
***\*When tightening the shoulder bolt with the provided wrench, screw it in until it bottoms, then give the wrench about an 1/8 turn more "tweak." Torque is 7 ft/lbs***

***\*Once you have determined which shuttle is your favorite, the bolt may be loctited in using yellow loctite only!***

***\*Reinstall the exit nozzle onto pump.***

***\*Reinstall the trim / reverse rod, steering cable, and bilge hose.***

**NOTE: On the Polaris Octane, you must ensure that there is no interference between the impeller shaft and the main body of the unit. If there is interference, the shaft must be ground off to provide at least .020 clearance. Failure to check this may result in pump bearing failure.**



### SKT1 parts list

1. MAIN BODY
2. 2.75" X 1/4x20 SS BOLT
2. 2.5" X 1/4x20 SS BOLT (optional, for tuning)
3. 1/4" SS WASHER (1 required, 2 for tuning)
4. SHUTTLE STOP
5. SPRING
6. SHUTTLES (4) 2.0, 2.25, 2.5, 2.75
7. Inlet screen, (optional)

