

30E & 30G STATOR TUBE REPLACEMENT GUIDE



Hy-Flex
PUMPS | MIXERS | SPRAYERS

REDUCER REMOVAL



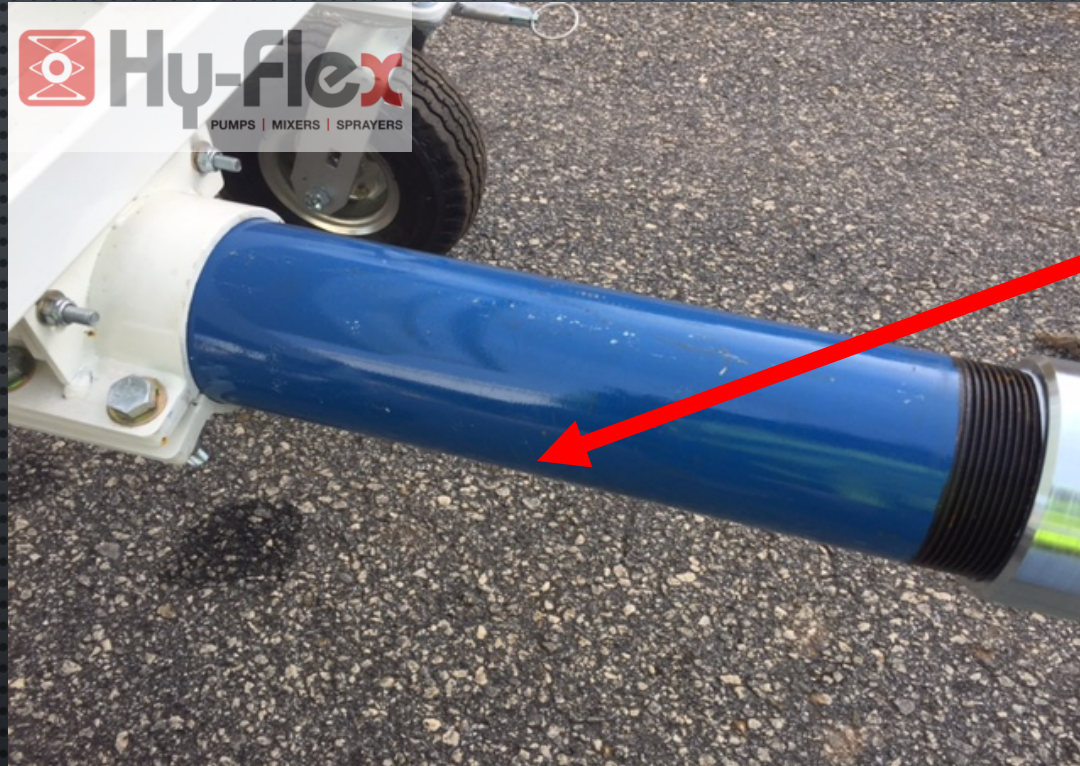
1. BLOCK UP WHEELS TO PREVENT MOVEMENT
2. REMOVE THE REDUCER USING A 36" PIPE WRENCH.

LOOSENING NUTS & BOLTS



3. BREAK LOOSE THE 2 NUTS AND BOLTS USING A $\frac{3}{4}$ " SOCKET AND $\frac{3}{4}$ " WRENCH. THEY DO NOT NEED TO BE REMOVED.
4. USING A HAMMER, GENTLY BREAK AWAY ANY MATERIAL THAT HAS COLLECTED AROUND THE COLLAR IF NEEDED.

STATOR DETACHMENT



5. With the pipe wrench (minimum 36") unscrew the stator tube from the frame counter clockwise. The stator tube is threaded into the frame and must be removed from the frame **BEFORE REMOVING FROM THE ROTOR**

SPEED ADJUSTMENT



WARNING: This requires 2 people and must be performed carefully. Operating above 2 on the dial or using the pipe wrench improperly could cause serious injury

6. WITH THE PUMP PLUGGED IN, SPEED CONTROL SET TO ZERO, AND THE CONTROLS SET TO “MANUAL”, “START” AND “FORWARD”, SLOWLY USE THE SPEED CONTROL TO UNSCREW THE STATOR TUBE FROM THE ROTOR. **DO NOT USE SPEED ABOVE 1-2! MAKE SURE YOU USE “FORWARD” TO REMOVE THE STATOR AND “REVERSE” WHEN REINSTALLING!** THE STATOR TUBE SHOULD UNSCREW FROM THE ROTOR.

COMPLETE INSTALLATION



Re-thread
Stator into the frame, clockwise
use a **generous amount of anti-
sieze** on the stator threads

7. USE DISH SOAP OR WD-40 SILICONE LUBRICANT TO LUBRICATE THE ROTOR – **NEVER USE A PETROLEUM GREASE OR OIL.** SET THE SPEED TO ZERO AND CONTROLS TO “MANUAL”, “START”, “REVERSE.” SLOWLY USE THE “SPEED CONTROL” AT A MAXIMUM OF 1-2 AND **IN THE REVERSE DIRECTION.** THREAD THE STATOR BACK ON THE ROTOR. COMPLETE THE INSTALLATION IN THE REVERSE ORDER AS THE STATOR WAS REMOVED REMEMBERING THAT WHAT WAS REMOVED IN THE COUNTER CLOCKWISE DIRECTION WILL BE RE-INSTALLED IN THE CLOCKWISE DIRECTION.