

Product Announcement

700 Series Product Improvements

On Saturday, June 1, 2013, we changed the rotor, rotor cover, and rotor cover bolts on all 700 series pumps. The reason for the change is to reduce amperage and to get better vacuum. The new cast iron cover is stronger and more stable than the old stamped steel cover. Here is a summary of the changes:

- The rotor cover is now made from cast iron. It used to be the stamped steel. The new cover is almost 3 times thicker than the old one.
- The rotor itself is now softer. The old rotor was hardened to work with the old stamped steel cover. Attached are a few pictures of the old rotor side-by-side with the new. The old rotor has a "burnt" look to it from the hardening process while the new softer rotor is a bright silver color.
- The rotor cover bolts are longer. The old bolts were ¾" long and the new are 1".

The following kits have also changed:

- **700KTF2659** - New rotor, rotor cover, and rotor cover bolts.
- **BD700KTH0711** - New rotor, rotor cover, and rotor cover bolts.
- **KIT700RG** - New rotor, rotor cover, and rotor cover bolts.
- **KIT700RP** - This has the largest change. This used to be 5 rotors. Now it will also include 5 new rotor covers, 5 rotor cover gaskets, and 10 rotor cover bolts.

Important Service Issue

When changing a rotor, or rotor cover in the field, the rotor, rotor cover, and rotor cover bolts must all be changed together. **If you do not do this, the pump will not run for long.** A hard rotor with a cast iron cover or a soft rotor with the stamped steel cover will only last a few days.

This is why the KIT700RP has the new items. The attached files will help you see the difference in the old and new rotors. The color is best seen in bright light.

If you have questions please contact Dave Whitcomb or Jeff Gerber.