



Tech Service Bulletin

05/06/2016

Change in Torque Specification for Robotic Cleaner Cord Seal Nut

The purpose of this bulletin is to give you information on a change made to our robotic cleaners.

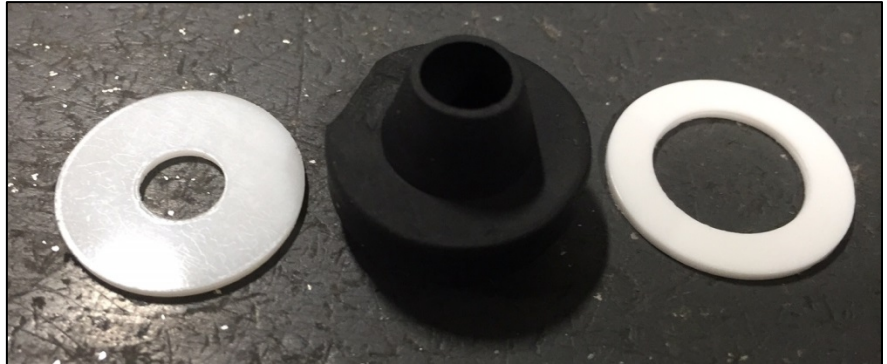
Beginning January 2015 the method of sealing the power cord into the motor box was changed. As part of that change the torque required to tighten the seal plug was changed from 30 in-lbs to 50 in-lbs.

- The tee handle torque wrench included in service kits (RCX97000) shipped prior to Feb. 2016 was a 30 in-lb wrench (the previous torque spec). Tool kits shipped beginning Feb. 2016 have the 50 in-lb wrench.
- If you have the 30 in-lb wrench you will need to order a 50 in-lb wrench.
- The part number for the 50 in-lb wrench is [RCX79005](#).
- The 50 in-lb wrench can be ordered from Hayward through your normal distribution channels.

The new seal system does not require the use of RTV sealant as the previous seal did, however it requires the use of a 4 piece seal. This seal system can be used on older motors when replacing a cord or motor box, and is used on all cleaners built beginning Jan. 2015. Pictured below are the seal components, and the stack up.



Seal Nut

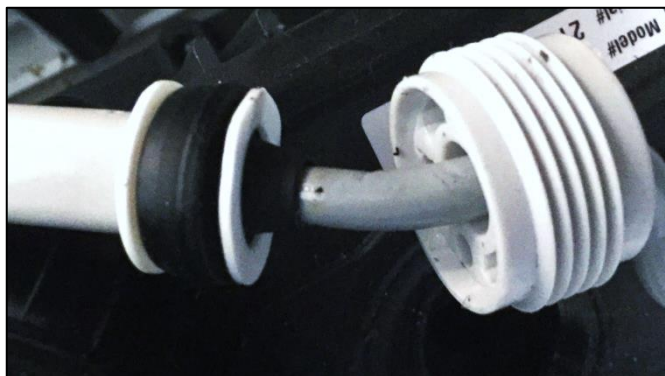


Washers and Seal



Stack up of seal system

It is critical that the correct torque be applied to this seal system. Using the 30 in-lb wrench may leave the seal susceptible to leaks. 50 in-lbs are required for proper seal.



Stack up of seal with cord

The entire seal system is available as a kit RCX59004KIT