

Conversion of ConMet to Standard

This Tech Tip will help assist customers with changing from a ConMet PreSet wheel end system to a standard wheel end system where components are readily available.

End users can easily change from a PreSet wheel end by simply removing and discarding the bearing spacer at any point in the life of the wheel end. Be sure to follow TMC RP 618 to adjust the standard wheel end.

Inspection and Replacement of Components:

1. After the tear down of the wheel end, inspect all of the components for signs of wear including the bearings, spindle and hubs.
2. Particularly look for signs of fretting or corrosion on the spindle and bearing cups from the spacer. Clean and replace as needed.
3. If the bearings need to be replaced, STEMCO recommends replacing both the cups and the cones as matched sets. It is also recommended to change both the inner and outer bearings at the same time.
 - a. If bearings are being replaced and the spacer is removed. It is acceptable to install standard wheel bearings instead of the precision Half stand bearings that were installed in the Preset hub.
4. Clean all components thoroughly and replace the wheel seal and hub cap gasket.

When the setup is complete using TMC RP 618, an endplay of .001" to .005" should be achieved and measured using a dial indicator.

Please contact your local Stemco Field Sales Manager if there are any questions.