

January 13, 2016

Tech Tip #50

Conversion from ConMet PreSet Wheel End Systems to a Standard Wheel End System

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.) Discard spacer.
- 3.) Particularly look for signs of fretting or corrosion on the spindle and bearing cups from the spacer. Clean and replace bearing sets as needed.
- 4.) If the bearings need to be replaced, STEMCO recommends replacing both the cups and the cones. Half stand bearings are not required, if spacer is discarded.
- 5.) 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 DSM if there are any questions.