

The ConMet Connection

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Installation Guidelines for PreSet Hubs Using a One-Piece Spindle Nut System

This edition of the ConMet Connection provides the proper installation guidelines for ConMet PreSet steer, drive and trailer hub assemblies when installed with a one-piece spindle nut system.

There are several manufacturers offering one-piece spindle nut systems. The two most common are the Axilok® nut by Metform (see Figure 1) and the PRO-TORQ® nut by Stemco (see Figure 2). Each of these systems has a specific installation procedure required by the manufacturer to set wheel bearing end-play. These procedures DO NOT apply to PreSet wheel hubs.

PreSet hub technology relies on a specific torque value on the spindle nut to achieve the proper bearing adjustment. One-piece spindle nut systems can be used with ConMet PreSet hub assemblies, but it is critical that the proper PreSet torque value is achieved.

To properly install a PreSet hub assembly with a one-piece nut system, torque the spindle nut to 300 ft. lbs. In the event the locking mechanism will not engage, advance the nut until it will engage. **DO NOT BACK OFF THE TORQUE ON THE SPINDLE NUT.** It is important that the locking system of the spindle nut be correctly engaged. Refer to the

spindle nut manufacturer's installation instructions to verify that the one-piece nut system locking device is correctly engaged.

NOTE: When using any of the one piece nut systems to manually adjust the bearings on hubs that are not "PreSet," it is important that the spindle nut manufacturer's installation instructions are closely followed. Particular attention should be paid to insure that the locking system on the nut is correctly engaged.

Contact information for the most common one-piece spindle nut systems are as follows:

Axilok® Nut from Metform

800-323-4536
www.mfmvs.com

PRO-TORQ® Nut from Stemco

800-527-8492
www.stemco.com

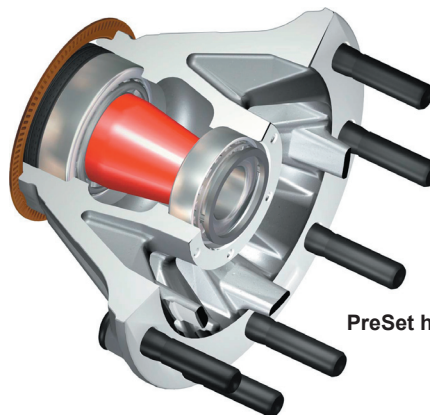
If you have any questions regarding ConMet PreSet hub assemblies, please contact ConMet Customer Service at 800-547-9473.



Figure 1: Axilok spindle nut system from Metform.



Figure 2: PRO-TORQ spindle nut from Stemco.



PreSet hub assembly.