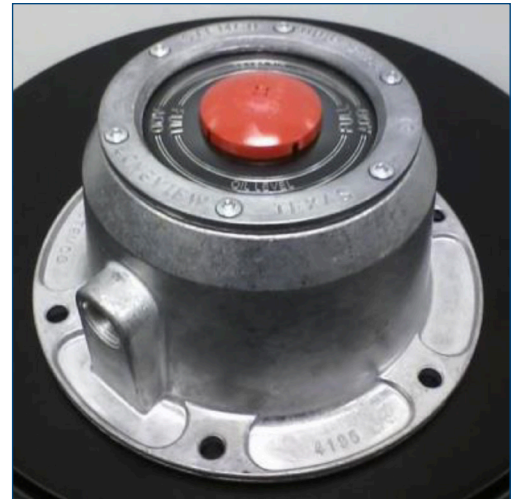


Hub Cap / Axle Nut Interference Issue

Tech Tip is to alert STEMCO customers that there is an interference issue between the STEMCO 4195 (P-spindle) hub caps and the Hendrickson Precision320 axle nut. The design of the Hendrickson Precision 320 nut does not allow it to be recessed deep enough inside the Stemco PN XXX-4195 hubcap.



Typical STEMCO DEFENDER Hub Cap



Typical STEMCO Standard 4195 Cap

List of STEMCO part numbers that are affected by this interference:

PART NUMBER	DESCRIPTION
All part numbers ending in 4195	STEMCO TP Hub Caps
Part numbers 831-0121 through 831-0124	Single Tire
Part numbers 831-0221 through 831-0224	Dual Tire
All part numbers ending in 4372 or 4376	PSI Ready Hub Caps
All part numbers ending in 4311	TireMaax EC & CP Ready Hub Caps
All kits with "2" for the fourth digit (xxx-2xx)	Tire Inflation Kits

NOTE: There is no issue for the TN application



Reference Information:

Hendrickson Technical Procedure: Precision320 Spindle Nut System: Hubcap Compatibility
Hendrickson document: T77001, October 2012

Quote from the T77001 document: *“While some early production nuts were machined from steel, the current nut design utilizes powdered metal construction and is slightly thicker than the steel nut it replaces. Using the larger powdered metal nut in applications for which it was not intended can result in interference with the hubcap”*

To prevent this interference issue with the 4195 hubcap, STEMCO recommends that the Precision320 Spindle nut be replaced with the STEMCO Pro-Torq Nut part number 447-4723 or Zip-Torq nut 400-4723.