



# TECHNICAL BULLETIN

## Lift and Bridge Axle Wheel Ends

**SUBJECT:** Component Updates

**LIT NO:** TB-H803

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**REVISION:** A

### INTRODUCTION

This publication is intended to inform Hendrickson Specialty Products – Auxiliary Axle Systems customers of enhancements to wheel end components on all current model Hendrickson lift and bridge axle products for truck and trailer applications.

As of July 25, 2016, the wheel ends on new lift and bridge axle products (as referenced above) are equipped with wheel end seals, hub caps and hub cap gaskets from new suppliers for improved durability and performance. See component cross-reference Table 1 on the back page.

**Wheel end seals and hub caps:** The new supplier for both wheel end seals and hub caps is Federal-Mogul; our previous supplier for these components was Stemco. The Federal-Mogul hub caps and Gold wheel end seals offer advanced performance levels with modern synthetic lubricants.

### NOTE

The COMPOSILITE SC 8K and 10K lift axles have been fitted with Federal-Mogul seals since 2015.

**NEW**

Hub Caps from  
Federal-Mogul



**Federal-Mogul's Gold** wheel end seals utilize chemical resistant, durable PTFE (PolyTetraFluoroEthylene) on the main sealing lip with sufficient contact area to accommodate wheel end movement.

Hendrickson recommends that the new hub cap, hub seal and hub gasket part numbers listed in Table 1 be used, on an as-needed basis, for aftermarket replacement service purposes.

#### The new wheel end seals provide:

- High level of chemical resistance
- Long-life seal performance
- Effective dirt exclusion to protect against damaging contaminants
- PTFE sealing technologies that will operate at temperatures from -40° C to in excess of 200° C.

**Hub cap gaskets:** The new supplier of the hub cap gasket offers:

- Micro-Pore material to help reduce oil wicking
- Low creep relaxation to help maintain bolt clamp
- High operating temperature capability



TABLE 1

## COMPONENT CROSS REFERENCE

	Suspension / Spindle	Oil / Grease	Hendrickson Part Number	
			Previous	NEW
<b>HUB CAP</b>	8K, 10K, 13K SC & FX	Oil	003519	015293-01
	8K, 10K, 13K SC & FX	Grease	010443	015293-02
	20K SC & N-Spindle	Oil	003520	015293-03
	20K SC & N-Spindle	Grease	011785	015293-04
	P-Spindle	Oil	012899	015293-05
	P-Spindle	Grease	009734	015293-06
<b>HUB SEAL</b>	8K, 10K SC	Oil / Grease	006671	015390-01
	13K SC & FX		A-20629	015390-02
	20K SC		005092	015390-03
	N-Spindle		A-11571	015390-04
	P-Spindle		A-14895	015390-05
<b>GASKET</b>	8K, 10K, 13K SC & FX	Oil / Grease	001761	015297-01
	20K SC & N-Spindle		A-1973	015297-02
	P-Spindle		007454	015297-03

Refer any questions on this publication to Hendrickson Auxiliary Axle Systems Tech Services:



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