

STEMCO®

WHEEL END



SYSTEMS APPROACH TO PERFORMANCE

PLATINUM
PERFORMANCE SYSTEM™




STEMCO®
Making the Roadways Safer®
an EnPro Industries company

On their own, STEMCO® wheel end components are among the lightest, most durable and highest performing in the industry. Bundled together in a Platinum Performance System™, they work together to create the most reliable and efficient wheel end systems possible. With up to 7-year warranties, Platinum Performance Systems provide unrivaled confidence and peace of mind.

PPS PRODUCTS



TRIFECTA™ PRE-ADJUSTED HUB ASSEMBLY

- Provides quick, easy installation with a simple torque-down procedure and no bearing adjustment
- GlideLock™ technology reduces installation force with no prelube required—an industry first



ZIP-TORQ® AXLE SPINDLE NUTS

- Simplified and fully unitized design
- Locking features prevent backoff
- No clips, keepers, snap rings or screws to install



GUARDIAN® HP WHEEL SEALS

- Developed for extra protection and greater sealing
- Rubber outer diameter allows for faster hub cleaning with less corrosion damage to the hub
- Installation directly on the axle, rather than the hub bore, ensures positive alignment every time



STEMCO HEAVY DUTY BEARINGS

- Tapered roller, clutch release, and radial ball bearings
- Individual cups and cones, and STEMCO manufactured matched bearing sets
- Long life warranty: STEMCO PPS and PPS+



DISCOVER® WHEEL SEALS

- Increases the performance expectations of wheel ends
- Maintains the lubricant's integrity to lengthen the life of the seal
- Ensures complete confidence during the installation stage
- Reduces removal time and effort without special tools or adjacent component damage



SENTINEL® HUB CAP

- Tamper-proof for maximum protection and maintenance-free performance
- Prevents dirt and water from contaminating hub oil, extending life of seal and bearing
- Reduces contaminant build-up on hub cap windows, allowing accurate determination of lube levels
- Required for full warranty coverage
- For Truck Applications, the ESP Plug is recommended
- For Trailer Applications, the ESP Plus plug is recommended



PRO-TORQ® AXLE SPINDLE NUTS

- Longer tread life: saves tires, wheels track truer
- Extends wheel seal and bearing service
- Improves ABS



PPS SOLUTIONS PROVIDE THE INDUSTRY'S BEST WARRANTY

Platinum Performance System™ solutions provide exceptional performance and reliability, but it's their warranties that provide peace of mind for fleet owners and managers. And the more innovative STEMCO® products that are added to the package, the longer the warranty and the greater the peace of mind.

LEADING THE INDUSTRY IN WARRANTY — NOW INCLUDING LABOR

STEMCO is pleased to announce the addition of labor warranty to our 5-year Platinum Performance System aftermarket package. Register your fleet at www.stemco.com/aftermarket-pps-plus-warranty/register/ to take advantage of the 5-year aftermarket parts and labor warranty on your Platinum Performance System.

STEMCO is proud to continue offering 5- or 7-year OEM coverage including parts and labor depending on application.

REDUCED DOWNTIME

Exceptional reliability means trucks spend more time on the road and less in the shop. Trifecta's quick installation allows vehicles to get back on the road with reduced labor costs.

LOWER OPERATING COSTS

Extended service life and warranty coverage reduce life-of-equipment costs.

INCREASED REVENUE

Reduced maintenance and industry-leading warranties all lead to greater profit potential.

PPS SOLUTIONS ON THE WEB

To register your fleet, please visit www.stemco.com/aftermarket-pps-plus-warranty/register/.

To file a PPS Warranty claim, please visit www.stemco.com/pps-plus-warranty-submission/.

AFTERMARKET PACKAGES

STEMCO's Aftermarket Platinum Performance System solutions are an integrated system of wheel end products and performance. With the Platinum Performance System™, extend wheel end coverage to a two-, three-, or five-year limited warranty for tractors and trailers.

OEM PACKAGES

The unprecedented performance of these STEMCO Platinum Performance System Plus solutions will lower maintenance costs by reducing down-time and protecting wheel end components. With the Platinum Performance System Plus solutions, wheel end coverage is parts and labor for 5 years/500,000 miles on truck applications and 7 years/unlimited miles on trailer applications.

*Extended warranties are for On Highway applications only.

PLATINUM PERFORMANCE SYSTEM PACKAGE OVERVIEW

OEM PACKAGES				
	TRUCK		TRAILER	
PART	Platinum Performance System PLUS	TRIFECTA	Platinum Performance System PLUS	TRIFECTA
STEMCO Discover or GHP Seal	✓	✓	✓	✓
STEMCO Bearings	✓	✓	✓	✓
STEMCO Spacer		✓		✓
STEMCO Zip-Torq or STEMCO Pro-Torq	✓	✓	✓	✓
STEMCO Sentinel Hub Cap	✓	✓	✓	✓
STEMCO Pre-Adjusted Hub		✓		✓
Warranty Coverage	5-year parts & labor		7-year parts & labor	
Mileage Coverage	500,000 MILES or 800,000 KM		UNLIMITED MILEAGE	

AFTERMARKET PACKAGES							
	Standard Performance System	Platinum Performance System		Platinum Performance System PLUS		Trifecta	Trifecta
PART	TRUCK & TRAILER	TRUCK	TRAILER	TRUCK	TRAILER	TRUCK	TRAILER
STEMCO Discover or GHP	✓ Any STEMCO Seal	✓	✓	✓	✓	✓	✓
STEMCO Grit Guard or Voyager	✓ Any STEMCO Seal						
STEMCO Bearings				✓	✓	✓	✓
STEMCO Spacer						✓	✓
STEMCO Zip-Torq or STEMCO Pro-Torq		✓	✓	✓	✓	✓	✓
Any STEMCO Hub Cap with Sentinel or ESP Plus Technology			✓		✓		✓
Any STEMCO Hub Cap with Sentinel, ESP Plus, or ESP Technology	✓	✓		✓		✓	
STEMCO Pre-Adjusted Hub						✓	✓
Warranty Coverage	2-year parts only	3-year parts only		5-year parts & labor*		5-year parts & labor	
Mileage Coverage	Unlimited miles	350K miles / 560K KM	Unlimited miles / KM	500K miles / 800K KM	Unlimited miles / KM	500K miles / 800K KM	Unlimited miles / KM

* Labor coverage effective for installations after 1-1-2021. In order to qualify, customer to provide a 1-time registration for the first PPS Plus system installed after 1-1-2021. Work order or original installation will be required when filing a claim for labor reimbursement. Additional details can be found at www.stemco.com/product/wheel-end/stemcos-aftermarket-platinum-performance-system/

ADDITIONAL WARRANTY COVERAGE

SEALS (AFTERMARKET)

Discover or Guardian HP: 2 Year Parts Warranty

TRIFECTA™ (AFTERMARKET)

Truck Applications: 5 Year/500,000 Mile Parts & Labor Warranty

Trailer Applications: 5 Year/Unlimited Mileage Parts & Labor Warranty

TRIFECTA™ (OEM)

Truck Applications: 5 Year/500,000 Mile Parts & Labor Warranty

Trailer Applications: 7 Year/Unlimited Mileage Parts & Labor Warranty

*Extended warranties are for On Highway applications only

**See STEMCO Tech Tip #21 for recommended Inspection and Service Intervals for STEMCO Systems

***See STEMCO Tech Tip #34 for a list of approved lubricants

Making the Roadways Safer®

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