

STEMCO®

WHEEL END



**A HISTORY OF
PERFORMANCE & SAFETY**
FUELED BY INNOVATION



STEMCO®
A Higher Standard of Performance.™

Making the Roadways Safer®

an EnPro Industries company

STEMCO®

WHEN IT COMES TO WHEEL ENDS, WE HAVE YOU COVERED

WHEEL SEALS

STEMCO has provided the trucking industry with reliable wheel seals for more than 60 years. Throughout our history, we have recognized the need for tougher, longer-life seals that meet the performance, design and price requirements related to selecting the right seal for any fleet. To meet that need, STEMCO has engineered a menu of sealing options designed to meet the varying performance expectations of each fleet, all in an effort to maximize performance and value.



Discover®

High-Performance, Long Life

Discover® is the industry choice for performance-driven fleet managers.



GRITGUARD®

Rugged and Durable

Grit Guard® endures where others fail and is the choice for fleets working in grueling environments.



**Guardian®
HP**

American Trailer Standard, Long Life

The Guardian® HP is the standard seal for trailer and axle original equipment manufacturers.



Voyager®

Unitized and Durable

The Voyager® seal is designed for regional route trucks, city delivery and coach applications.



Unitized Pinion Seals

Long-Lasting Performance

STEMCO Unitized Pinion Seals provide long-life performance, eliminate yoke wear and leak paths, and reduce contamination failures.



Trifecta™

- Features industry-standard components manufactured by STEMCO and Webb Wheel
- Quick, easy installation with a simple torque-down procedure and no bearing adjustment
- Discover® XR wheel seal with patent-pending GlideLock™ technology reduces installation force by 50% with no prelube required
- Defender ESP™ hub cap excludes contamination to increase life of wheel end system
- Backed by STEMCO support nationwide and a 5-year/500,000 mile parts and labor OEM warranty

WHEEL END



PSI



DEFENDER®



SENTINEL®



SOLID STEEL

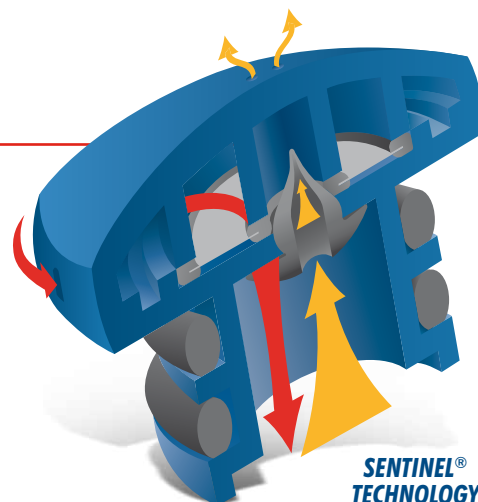


GREASE

HUB CAPS

STEMCO has provided the trucking industry with specialized hub cap solutions for over 60 years.

- Product and application-specific technology designed to eliminate contaminants and extend wheel end life
- Superior materials
- Cast aluminum to dissipate heat
- Oil, semi-fluid grease, and hard-pack grease hub caps
- Full-line coverage for trailer and tractor applications
- Sentinel® technology eliminates contamination of lubricant, extending seal and bearing life



SENTINEL® TECHNOLOGY

AXLE FASTENERS

PRO-TORQ® SINGLE AXLE SPINDLE NUTS

- Longer tread life
- Extended wheel seal & bearing service
- Improves ABS
- Faster to install, easier to lock



ZIP-TORQ® SINGLE PIECE AXLE SPINDLE NUTS

- Initial install without force (free-rotating)
- Locking features prevent back off
- Fully unitized design allows install without special tooling
- No clips, keepers, snap rings or screws to install



HEAVY DUTY BEARINGS

- Consolidated wheel end components provider
- Expanded bearing coverage
Tapered roller bearings, radial ball bearings, clutch release bearings, individual cups and cones, and STEMCO matched bearing sets
- Long-life warranty—part of PPS & OEM warranty program
- Manufactured by STEMCO



UNIVERSAL TOOL SYSTEM

Depend on our Universal Axle or Hub Tool for quick, accurate installations. Recognizing that most seal failures can be traced to improper installation, STEMCO has designed its Universal Axle or Hub Tool to make the procedure simpler, quicker and more consistent. Proper installation also reduces the possibility of more costly spindle damage.



HUBODOMETERS

DataTrac® PRO

- Large, easy-to-read LCD display
- Compact size, easy to mount
- One part number
- 500,000-mile warranty
- No moving parts increases reliability and durability



HUBODOMETER®

- Reliable mileage information
- Spring-loaded counterweight for accuracy
- Preset your Hubodometer®
- 500,000-mile warranty



PLATINUM PERFORMANCE SYSTEM™

Platinum Performance System™ lowers your operating costs, reduces downtime and increases revenue.



INDUSTRY'S BEST WARRANTY

When you specify the Platinum Performance System™, you are assured of performance that will protect your fleet and your maintenance costs by reducing down-time and protecting your wheel end investment. Available for tractor and trailer applications.

AFTERMARKET PLATINUM PERFORMANCE SYSTEM™		PLATINUM PLUS 7 PERFORMANCE SYSTEM TIRE INFLATION		PLATINUM PLUS 7 PERFORMANCE SYSTEM LIGHT WEIGHT	
<ul style="list-style-type: none"> Guardian HP or Discover Seal PRO-TORQ or ZIP-TORQ Axle Fastener Defender Sentinel Hub Cap STEMCO Bearings (Optional) 	<ul style="list-style-type: none"> Guardian HP or Discover Seal PRO-TORQ or ZIP-TORQ Axle Fastener Sentinel Hub Cap STEMCO Bearings 	<ul style="list-style-type: none"> Aeris Automatic Tire Inflation System Guardian HP or Discover Seal PRO-TORQ or ZIP-TORQ Axle Fastener Sentinel Hub Cap STEMCO Bearings 	<ul style="list-style-type: none"> STEMCO CentriFuse Drum and Hub Assembly STEMCO Crewson Automatic Brake Adjuster Guardian HP or Discover Seal PRO-TORQ or ZIP-TORQ Axle Fastener Sentinel Hub Cap STEMCO Bearings 		
3 Year	5 Year†	7 Year†	7 Year†		

† Platinum Performance Plus, Platinum Performance Plus 7: Tire Inflation, and Platinum Performance Plus 7: Light Weight are for OEM Distributors only.

EXTEND YOUR WHEEL END PERFORMANCE IN THE AFTERMARKET

With the Platinum Performance System™, you can gain a three-year aftermarket wheel end warranty on your truck or trailer with unlimited mileage.

TQMSM TRAINING — WORLD-CLASS TRAINING

When it comes to training, we hold ourselves to a higher standard.

- Wheel end failure analysis and rebuild
- Proper seal and bearing installation
- Single and double nut adjustment procedures
- Oil and grease lubrication best practices

Contact a STEMCO representative for more information.



Making the Roadways Safer®

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