

# PRIMAAX<sup>®</sup> EX

Severe-Duty, Premium Rear Drive Axle, Air Suspension System for Peterbilt Trucks



- MAAximize durability
- MAAximize driver comfort
- MAAximize performance

**Drum Brake  
Version**



**Air Disc Brake  
Version**



With its rugged, weight efficient design, PRIMAAX<sup>®</sup> EX is a severe-duty vocational air suspension that delivers the performance needed for the rigorous demands of vocational, severe-service and heavy-haul applications. The system features a robust structural design with optimized suspension geometry for exceptional stability, handling and ride. PRIMAAX EX is available in capacities from 46,000 to 52,000 pounds on Peterbilt 520, 567, 579 and 589 models.



To learn more about PRIMAAX EX,  
call 855.743.3733 or visit [www.hendrickson-intl.com](http://www.hendrickson-intl.com)

**HENDRICKSON**  
*The World Rides On Us<sup>®</sup>*

# PRIMAAX® EX for Peterbilt 520, 567, 579 and 589 Models

## Genuine Hendrickson Torque Rods

- Optimized configuration helps improve handling and roll stiffness for expanded applications
- TRAAX ROD® Torque Rods are standard in transverse torque rod position
- Premium retained rubber bushings for increased service life and resistance to walkout
- Torque rods available for disc brake (shown) or drum brake use

## QUIK-ALIGN®

- Allows for easy axle alignment without shims
- Reduces maintenance time and helps extend tire life

## Axle Connections

- D-pin axle connection decreases torsional axle stress for reduced maintenance and improved joint integrity
- Integrated axle stop contact pads reduce axle stress
- Torque rod bar pin connection increases reliability and reduces maintenance

## Multiple Ride Height Availability

- 10" is Standard
- 9" for additional flexibility - Sales Code 1921385

## Air Springs

- Large-volume, low-frequency design for improved ride
- Advanced design air springs provide fast fill time

## Structural Beams

- Integrate end caps for increased reliability
- Utilize premium materials for high durability
- Robust rubber bushings improve service life and eliminate lubrication requirements

## Height Control Valve

- Maintains proper suspension ride height
- Dual height control valves available for improved leveling in applications with uneven loading

## Heavy-Duty Shock Absorbers

- Positioned and tuned for optimum damping characteristics
- Protect air springs from over extension

## Cross Beams

- Seamless fabrication technology forms a robust torsion system with structural beams, improving stability
- Increased ground clearance versus similar air suspension systems

Sales Code	Description	Model			
		520	567	579	589
1820100	PRIMAAX EX, 46,000 lb. Capacity, 54" Axle Spacing, Dual Leveling Valves	✓	✓	✓	✓
1820107	PRIMAAX EX, 46,000 lb. Capacity, 54" Axle Spacing, Single Leveling Valve		✓	✓	✓
1820140	PRIMAAX EX, 52,000 lb. Capacity, 54" Axle Spacing, Dual Leveling Valves		✓	✓	✓
1820145	PRIMAAX EX, 52,000 lb. Capacity, 54" Axle Spacing, Single Leveling Valve		✓	✓	✓

*Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.  
All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.  
Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.*

Call Hendrickson at **630.910.2800** or **855.RIDERED (743.3733)** for additional information.



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