

# FREIGHTLINER

## VENDOR COMPONENTS



### **HENDRICKSON PRIMAAX® EX**

With its rugged, weight efficient design, PRIMAAX® EX is a premium heavy-duty rear air suspension that delivers advanced suspension technology for the rigorous demands of vocational, severe service and heavy haul applications. PRIMAAX EX offers a premium ride and optimal performance by adjusting to both the load and road conditions, while demonstrating outstanding diagonal wheel articulation for superior off-road mobility, making the PRIMAAX EX an excellent choice for Freightliner severe duty trucks. The system features a new robust structural design with optimized suspension geometry for improved durability, reliability and handling characteristics. Structural beams form a solid connection with the square cross brace to form a rigid torsion and stabilizer system. PRIMAAX EX minimizes suspension induced driveline vibration and

significantly controls suspension windup and corresponding frame rise. Premium, heavy-duty rubber bushings require no lubrication and are performance tested for longer service life.

PRIMAAX EX is available in capacities of 23,000 and 26,000 lbs. (single-axle), 46,000 and 52,000 lbs. (tandem-axle) and 69,000 lbs. (tridem-axle). The system is ideal for a variety of grueling vocational and severe-duty applications, including construction, refuse, mixer, logging and heavy-haul applications.

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## HENDRICKSON PRIMAAX® EX

# MAAXimize Performance and Durability

### Genuine Hendrickson Torque Rods

- Optimized configuration helps improve handling and roll stiffness for expanded applications
- Premium retained rubber bushings for increased service life and resistance to walkout
- Alternative rods available for disc 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 increased joint integrity
- Integrated axle stop contact pads reduce axle stress

### Air Springs

- Large volume, low frequency design for improved ride
- Advanced design air springs lift and support the load with less air pressure

### Structural Beams

- Redesigned beams utilize premium materials to improve durability
- Robust rubber bushings improve service life and eliminate lubrication requirements

### Heavy-Duty Shock Absorbers

- Positioned and tuned for optimum damping characteristics

### Cross Beams

- Seamless fabrication technology forms a robust torsion system with structural beams, improving stability



### PRIMAAX® EX SPECIFICATIONS

Suspension Capacity	Axle Spacing	Data Code	GCW Rating	Site Travel Rating	Axle Configuration
23,000 lbs.		622-1H0	Contact vehicle OEM <sup>1</sup>	30,000 lbs.	Single
26,000 lbs.		622-1H1	Contact vehicle OEM <sup>1</sup>	33,000 lbs.	Single
46,000 lbs.	54 / 60 / 72	622-1H2	Contact vehicle OEM <sup>1</sup>	60,000 lbs.	Tandem
52,000 lbs.	54	622-1H3	Contact vehicle OEM <sup>1</sup>	66,000 lbs.	Tandem
69,000 lbs.	54	622-1H4	Contact vehicle OEM <sup>1</sup>	90,000 lbs.	Tridem

1. Suspension must be paired with appropriate axle rating.

PRIMAAX EX is available on the following Freightliner models: Business Class, M2 106, M2 112, 108SD, 114SD, 122SD and Coronado 132.

For important conditions associated with the above referenced specifications and additional information regarding this product, refer to Hendrickson publication No. 45745-178. Information contained in this literature was accurate at the time of publication.

**HENDRICKSON**  
The World Rides On Us®

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