

PRIMAAX[®] EX

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



- MAAximize durability
- MAAximize driver comfort
- MAAximize performance



With its rugged, weight efficient design, PRIMAAX[®] EX is a severe-duty vocational rear air suspension that delivers advanced suspension technology 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. Suspension-induced driveline vibration is significantly reduced with PRIMAAX EX compared to competitive trailing-arm air suspensions, resulting in higher driver comfort and less premature wear on expensive truck and body equipment. PRIMAAX EX is available in capacities of 23,000 to 78,000 pounds and available on Kenworth's C500, C580, T280, T380, T480, T800, T880, W900 and W990 Models.



To learn more about PRIMAAX EX,
call 855.743.3733 or visit www.hendrickson-intl.com

HENDRICKSON
The World Rides On Us[®]

PRIMAAX® EX for Kenworth C500, C580, T280, T380, T480, T800, T880, W900 and W990 Models

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
- Torque rods available for disc brakes use (shown) or drum brakes

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

- Utilize premium materials for high durability
- Robust rubber bushings improve service life and eliminate lubrication requirements

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 time

Height Control Valve

- Maintains proper suspension ride height
- Dual height control valves available for improved leveling (if required)

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

Option Code	Description	Model Availability
3632010	23,000 lb. Capacity, 8.5" Ride Height, Single	T280, T380, T480
3652012	26,000 lb. Capacity, 8.5" Ride Height, Single	T480
3742020	46,000 lb. Capacity, 54" Axle Spacing, 10" Ride Height, Tandem	T480, T800, T880, W900, W990
3742021	46,000 lb. Capacity, 54" Axle Spacing, 12" Ride Height, Tandem	C500, C580, T800, T880, W900, W990
3742025	46,000 lb. Capacity, 60" Axle Spacing, 10" Ride Height, Tandem	T800, T880, W900, W990
3742026	46,000 lb. Capacity, 60" Axle Spacing, 12" Ride Height, Tandem	C500, C580, T800, T880, W900, W990
3742030	46,000 lb. Capacity, 72" Axle Spacing, 10" Ride Height, Tandem	T480, T800, T880, W900, W990
3752020	52,000 lb. Capacity, 54" Axle Spacing, 10" Ride Height, Tandem	T800, T880, W900, W990
3752021	52,000 lb. Capacity, 54" Axle Spacing, 12" Ride Height, Tandem	C500, C580, T800, T880, W900, W990
3762025	69,000 lb. Capacity, 60" Axle Spacing, 10" Ride Height Tridem	T880, W990
3752027	69,000 lb. Capacity, 54" Axle Spacing, 10" Ride Height, Tridem	T880
3762020	69,000 lb. Capacity, 54" Axle Spacing, 10" Ride Height, Tridem	T800, T880, W900, W990
3762021	69,000 lb. Capacity, 54" Axle Spacing, 12" Ride Height, Tridem	C500, C580, T800, T880, W900, W990
3762026	69,000 lb. Capacity, 60" Axle Spacing, 12" Ride Height, Tridem	C500, C580, T800, T880, W900, W990
3762041	78,000 lb. Capacity, 54" Axle Spacing, 12" Ride Height, Tridem	C500, C580, T800, T880, W900, W990

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, operation, service and maintenance instructions.

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



TRUCK COMMERCIAL VEHICLE SYSTEMS
800 South Frontage Road
Woodridge, IL 60517-4904 USA
855.RIDERED (743.3733)
630.910.2800 • Fax 630.910.2899



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