

# RIDSENTRY™ SUSPENSION WITH PINLOC™ SYSTEM

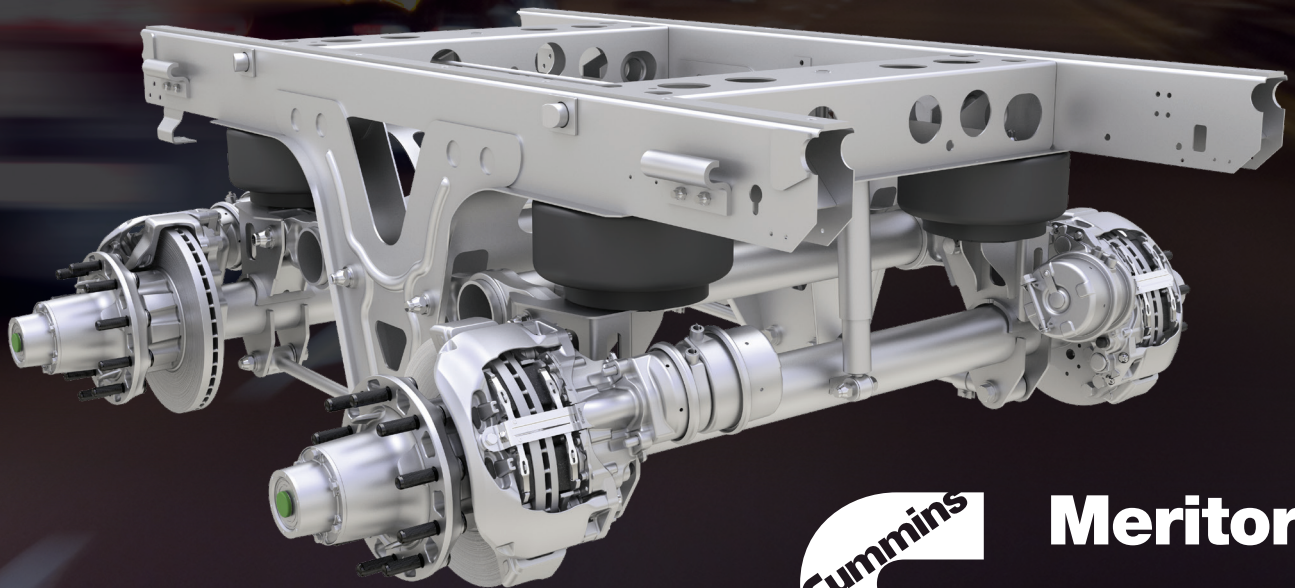
## PERFORMANCE ADVANTAGES

- Reliable performance increases uptime and reduces maintenance expenses
- Patented PinLoc system helps ensure slider locking pin engagement
- Outstanding ride, stability and dock walk prevention by design

## FEATURES AND BENEFITS

- 40,000-pound capacity
- Optimized to provide reliable performance for dry and refrigerated van trailers
- Exceptional structural durability
  - High-strength steel frame
  - Outstanding buckling, racking and curbing resistance
- Standard air actuated pin engagement system

- Premium bonded rubber bushings with steel thrust washers
- E-coating enhances corrosion resistance
- Lightweight system design
- Premium parallelogram benefits:
  - No dock walk by design
  - Exceptionally smooth ride
  - Eliminates backslap, increasing driver comfort
- Outstanding ride quality
  - Air spring directly over the axle provides 100% air ride
  - Unmatched roll stability
- Axle and brake compatibility
  - Available with a wide range of spindle profiles, long-life wheel-ends and brakes
  - Premium MA Series brake linings extend brake service maintenance intervals and offer lining choices to meet all application needs



**Meritor**

# PINLOC SLIDER LOCKING SYSTEM MAKES SLIDERS MORE SECURE

## THE PINLOC ADVANTAGE

The trucking industry has long needed a solution to problems created when sliders are not securely locked into position before trailers are operated. The resulting damage to trailers and their sliding suspensions has become an industry issue and could be, in certain instances, a safety concern for others on the road.

A trailer while traveling on public roads with its slider pins disengaged could experience serious issues for the driver and the motoring public. It could also lead to economic hardship for the fleet or owner-operator.

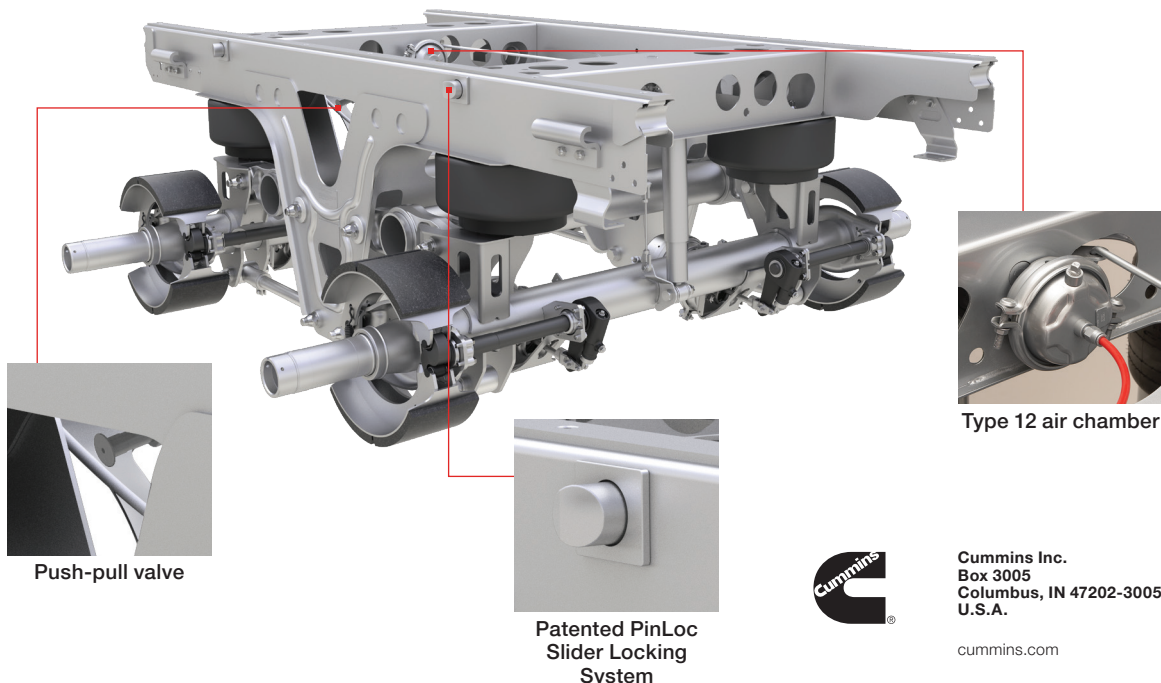
The revolutionary patented PinLoc Slider Locking System provides a one-of-a-kind solution. The system combines industry-exclusive angled locking pins, a parking brake interlock and an air assist. The combination of these features helps ensure slider locking pin engagement.

Testing has shown that at speeds above 4 miles per hour, conventional pins may not engage. PinLoc helps ensure against this risk and the potential damage that disengaged pins may cause.

The RideSentry suspension system with PinLoc combines these important safety features to:

- Deliver exceptional protection against slider and trailer damage
- Significantly reduce the risk of potential operator error due to disengaged pins
- Reduce the risk of loading yard workers leaving the slider pins disengaged
- Provide the security of industry-exclusive angled pins, which helps ensure pin engagement even when they don't align with the body rail holes
- Make slider repositioning simple on drivers with easy access to the push-pull valve, even with full side skirts
- Provide an automatic reset that releases the pins when the parking brake is released
- Improve driver productivity and operational efficiency

For more information, call the Cummins-Meritor customer service team at **800.535.5560** or visit **cummins.com**.



Trademarks, brands, and names depicted herein are the property of Cummins Inc., Meritor, Inc. or its affiliates.

Cummins Inc.  
Box 3005  
Columbus, IN 47202-3005  
U.S.A.

[cummins.com](http://cummins.com)

SP-0667  
Bulletin 6486601 Produced in U.S.A. Rev. 7/23  
©2023 Meritor, Inc.