



**Trailer Roll Stability
Support RSS 2M**

MERITOR WABCO

Safety Strong. Efficiency Smart.



“System On”



“System Off”

RSS 2M Trailer Roll Stability Support

- Four-sensor, two-modulator system
- From Meritor WABCO, the leader in safety-related products for the commercial vehicle industry
- Mitigates or reduces likelihood of rollovers
- Available for retrofit and new trailer applications
- Support for both spring and air suspension
- Antilock brake functionality

Roll Stability Support RSS 2M Trailer Safety System

Meritor WABCO’s four-sensor, two modulator Roll Stability Support (RSS) 2M Trailer Safety System combines the benefits of antilock brake performance and trailer stability control in a single unit. Systems are available for OEM and retrofit installations. According to NHTSA rollover studies conducted with the Meritor WABCO RSS, the presence of a Meritor WABCO Trailer RSS results in improved stability when no tractor stability control system is present. The RSS system is also effective when the companion tractor is equipped with a stability control system.¹ RSS 2M is an advanced 2-modulator roll mitigation system that provides independent side-by-side control for optimum rollover protection.

The system automatically accounts for the load status and calculates lateral acceleration while driving. In the event a potential rollover is detected, full brakes are applied, thereby reducing the likelihood of a rollover.

For more information on RSS 2M, call our OnTrac Customer Service team at 866-OnTrac1 (866-688-7221) or visit MeritorWABCO.com.

¹DOT HS 811 467, Tractor Semi-Trailer Stability Objective Performance Test Research – Roll Stability
²FMCSA-RRT-09-020, Analysis of Benefits and Costs of Roll Stability Control Systems for the Trucking Industry

The NHTSA cost estimate for a rollover is \$1.4 million in the event of a fatality, \$462,000 in the event of an injury, and \$197,000 if there is property damage only.²

Roll Stability Functionality

- Continuously monitors load status and lateral acceleration for optimized performance
- Brake pressure applied as needed to maintain stability control and mitigate potential for rollovers
- Targeted toward:
 - Tankers
 - Hazardous materials
 - Tri-axle trailers
 - Carriers that want maximum stability control and tire protection
- Features and benefits include:
 - Antilock brake performance
 - Integrated control and supply port screens for consistent optimal performance
 - Generic I/O capabilities
- Optional lift axle control
- Optional tag axle control
- Meritor Tire Inflation System (MTIS™) monitoring capabilities
- Telematic broadcasting capabilities

