

TRAILER ROLL STABILITY SUPPORT

RSS 2M TRAILER RETROFIT



PERFORMANCE ADVANTAGES

- Industry-first and leading independent roll stability system for trailers that helps reduce the potential for tractor-trailer rollovers and increases driver safety
- Versatile retrofit product designed to fit trailers already equipped with WABCO ABS, a competitive ABS brand, or even non-ABS trailers
- Available for air or spring suspension equipped trailers
- Monitors lateral acceleration and applies trailer brakes at rollover threshold to reduce speed and lower lateral acceleration
- Helps maintain trailer stability, even if the tractor is not equipped with a stability control system

FEATURES AND BENEFITS

- Monitors the trailer's wheel speed, lateral acceleration and air suspension pressure or spring deflection, and activates trailer brakes to slow the vehicle when necessary
- Operates independently from the tractor stability system
- If trailer is already equipped with WABCO ABS, existing sensor cables can be reused to reduce installation cost
- Full range of diagnostics including blink codes
- Integrated filters for both control and supply air
- Integrated PLC provides instant transmission of stability events to tractor-installed telematic device
- Operating Data Recorder (ODR) captures key information pertinent to trailer operation
- Service and support throughout North America by our industry-leading Customer Care Center



RSS 2M System ON



RSS 2M System OFF

For maximum directional control and stability, combine our dedicated trailer stability support system with SmartTrac™ ESC tractor stability systems

HOW TO IDENTIFY THE RETROFIT KIT NEEDED TO CONVERT TO RSS 2M

First, check to see if your trailer has WABCO ABS already installed. The sensor/modulator configuration on your trailer will determine the kit to choose. Even if your trailer is not equipped with ABS, or has ABS manufactured by another supplier, we have the right kit for you. Refer to the tables to the right to help you determine the correct part number and kit components for your application.

Note: RSS 2M is not approved on doubles or triples. For B-Train application, contact the WABCO Customer Care Center at 855-228-3203.

ENSURING PROPER INSTALLATION

To properly complete the retrofit, ensure you have the latest TOOLBOX software and PLC capable diagnostic adapter. Additionally, note that the tractor must have constant power for RSS 2M to function.

For further information, refer to the following publications:

MM0888 RSS 2M Maintenance Manual
TP0887 RSS 2M Installation Guide

THE RIGHT RSS 2M RETROFIT KIT FOR YOUR APPLICATION

RSS 2M Air Ride Retrofits 4S/2M

Existing Trailer Set-up	2S/1M Units	4S/2M Units
WABCO ABS-Equipped Trailer	R955464	R955466
Non-ABS or Other Non-WABCO ABS-Equipped Trailer	R955465	R955465

RSS 2M Spring Ride Retrofits 4S/2M

Existing Trailer Set-up	2S/1M Units	4S/2M Units
WABCO ABS-Equipped Trailer	R955469	R955471
Non-ABS or Other Non-WABCO ABS-Equipped Trailer	R955470	R955470

RSS 2M Air Ride Retrofits 2S/2M

Existing Trailer Set-up	2S/1M Units	4S/2M Units
WABCO ABS-Equipped Trailer	R955467	-
Non-ABS or Other Non-WABCO ABS-Equipped Trailer	R955468	-

RSS 2M Spring Ride Retrofits 2S/2M

Existing Trailer Set-up	2S/1M Units	4S/2M Units
WABCO ABS-Equipped Trailer	R955472	-
Non-ABS or Other Non-WABCO ABS-Equipped Trailer	R955473	-



ROLL STABILITY SUPPORT (RSS) 2M

RSS 2M is the next generation of WABCO's Roll Stability Support system specifically built for trailers to reduce speed and lower lateral acceleration at the rollover threshold. It incorporates industry-leading ABS performance, key safety features and improved roll mitigation. The system simultaneously monitors trailer wheel speed, lateral acceleration and suspension pressure or spring deflection. If the vehicle approaches its rollover threshold, RSS 2M automatically applies the trailer brakes as needed to help the driver bring the vehicle under control.

**For further product details contact your distributor or the
WABCO Customer Care Center at 855-228-3203.**

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Founded nearly 150 years ago as the "Westinghouse Air Brake Company," WABCO continues to pioneer breakthrough innovations for advanced driver assistance, braking, stability control, suspension, transmission automation and aerodynamics. WABCO reported sales of \$3.3 billion in 2017 and has 15,000 employees in 40 countries. For more information, visit:

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