

WABASH NATIONAL™ TRAILER ABS RETROFIT KITS

GUIDE FOR CONVERTING TRAILERS EQUIPPED WITH MBS1, MBS1P
OR MBS2 TO WABCO ENHANCED EASY-STOP™



WABCO

WABASH NATIONAL™ TRAILER ABS RETROFIT KITS

WABCO offers a variety of retrofit kits to convert Wabash National trailers equipped with MBS1, MBS1P or MBS2 trailer ABS to WABCO Enhanced Easy-Stop trailer ABS.

BENEFITS

- Retrofit kits feature the same sensors, sensor extension cables and sensor clips that have been utilized on the Wabash National standard ABS offering since 2004
- The ECU and valve assemblies utilize the same diagnostics and blink codes as the Wabash National standard ABS offering since 2004, eliminating the need to purchase new diagnostic equipment or learn new blink codes
- The ECU can store vital information including trailer VIN#, mileage, fault codes and notes for future service requirements

HOW TO IDENTIFY THE RETROFIT KIT NEEDED TO CONVERT A WABASH TRAILER

First, check the trailer to see if the sensors are visible on the axle spindles—this will determine the kit that is right for the trailer.

If the sensors are visible on the axle spindles, the trailer is equipped with MBS1 or MBS1P. If the sensors are not visible, the trailer is equipped with MBS2.

For MBS1 or MBS1P, if the trailer currently does not have WABCO sensor cables, a complete retrofit kit must be ordered.

For MBS2, if tone rings are pressed onto the existing hubs, order the appropriate retrofit kit with tone rings. If new hub assemblies with tone rings are preferred for this installation, order the appropriate retrofit kit without tone rings. For new hub assemblies, contact your distributor.

Additionally, MBS2 retrofits will require the use of several tools to assist in proper installation. This includes a sensor block mounting tool, press plug drive adaptor, press plug drive handle, slide hammer kit and Welsh plug removal spear. Please work with your distributor to order these tools.

See the next page for Wabash ECM to WABCO retrofit interchanges.

FEATURES

- Offers a wide range of basic and premium ABS models with advanced braking features that deliver industry-leading performance
- Delivers real-time data communication between tractor and trailer systems equipped with Power Line Carrier (PLC) communications and InfoLink*

SERVICE & SUPPORT

- Service and support throughout North America by our industry-leading Customer Care Center
- Additional support literature available includes Trailer ABS Quick Reference (TP0173) and Trailer ABS Wall Chart (TP0692)

MBS1/MBS1P Retrofit Kits

MBS1/MBS1P Kits	2S/1M Units	4S/2M Units
Complete Retrofit Kits	R955374	R955375
Short Retrofit Kits	R955382	R955383

Complete Retrofit Kit: ECU and Valve Assembly, 14' Power Cable, Sensors with 18" Leads, 6' Sensor Extension Cables and Sensor Clips

Short Retrofit Kit: ECU and Valve Assembly and 14' Power Cable

MBS2 Retrofit Kit**

MBS2 Kits	2S/1M or 4S/1M	2S/2M
Kit with Tone Rings	R955423	R955426
Kit without Tone Rings	R955425	R955427

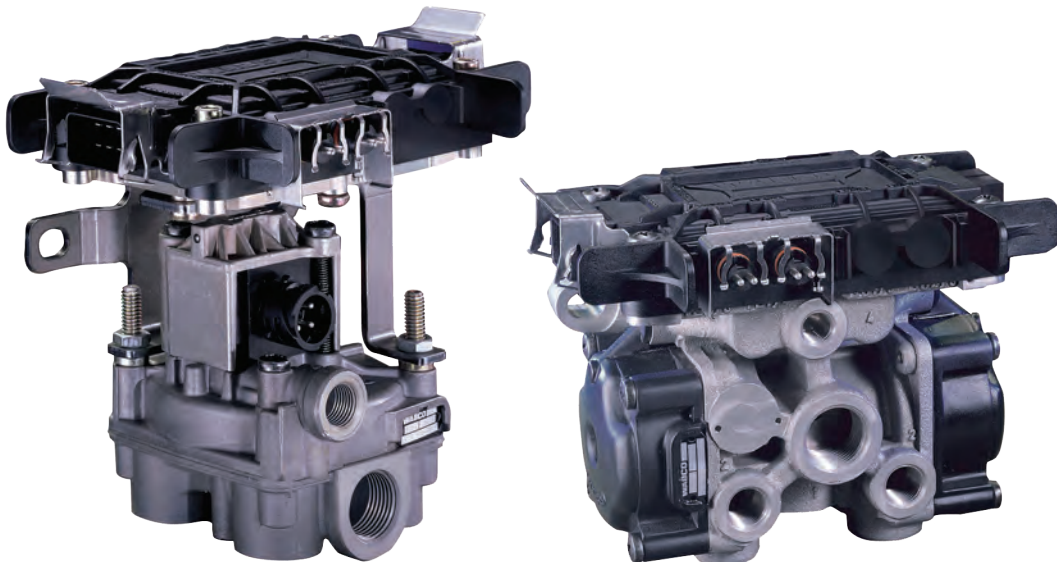
MBS2 Retrofit Kit: ECU and Valve Assembly, 14' Power Cable, Sensors, 6' Sensor Extension Cables, Sensor Clips with 18" Leads, Axle Plug (Tapped Axle), Press Plugs, Sensor Mounting Blocks, Sealant, Retrofit Instructions and Tone Rings

*The InfoLink ECU has an additional layer of internal technology that is required for the advanced features of WABCO's Intelligent Trailer systems

WABASH ECM TO WABCO RETROFIT KIT INTERCHANGE

WABASH #	PLATFORM	SYSTEM	WABCO #
10800260	MBS1	2S/1M	R955374
10800313	MBS1P	2S/1M	R955374
10800314	MBS1P	2S/1M	R955374
10800315	MBS2	4S/2M	R955425
10800316	MBS2	2S/1M	R955423
10800317	MBS2	2S/1M	R955423
10800318	MBS2	2S/2M	R955425
10800319	MBS2	2S/2M	R955425
10800320	MBS2	4S/1M	R955423
10800321	MBS2	4S/1M	R955423
10800322	MBS2	4S/2M	R955425

WABASH #	PLATFORM	SYSTEM	WABCO #
10800323	MBS2	4S/2M	R955425
10800324	MBS2	4S/2M	R955425
10800349	MBS1P	4S/2M	R955375
10800353	MBS1P	4S/1M	R955374
10800357	MBS1P	2S/2M	R955375
10800358	MBS1P	2S/2M	R955375
10800359	MBS1P	4S/2M	R955375
10800360	MBS1P	4S/2M	R955375
10800361	MBS1P	4S/2M	R955375
10800362	MBS1P	4S/1M	R955374





ENHANCED EASY-STOP™ ABS

Enhanced Easy-Stop™ ABS provides unparalleled trailer monitoring and control capabilities to fleet and owner operators, with system configurations to meet virtually any trailer application – basic, standard and premium.

**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:

www.wabco-na.com