

Trailer EBS E is first Electronic Reman WABCO part

WABCO is investing continuously to reduce our industry's environmental impact, one of the examples being the foundation of WABCO Electronic Reman Solutions in July 2010.

Join WABCO in supporting **environmentally sustainable** vehicles without any effect on the supplied product performance, by purchasing our **Green Label Reman** parts.

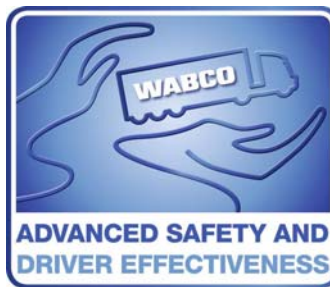
As **safety is a core value** of WABCO, TEBS E REMAN will be of the same quality and high performance standard as a new part for OE. We believe this can only be achieved by having the same rigorous Six Sigma quality rules, production methods and end-of-line testing as for OE production. For this reason, the same **24 months warranty** will be applicable.



The launch of TEBS E REMAN fits perfectly to WABCO's two main pillars:



It is estimated that the carbon footprint of a re-manufactured component is on average 80% less than new manufacture



TEBS E is the heart of the most advanced electronic braking systems on trailers. This high-tech device is now offered as Reman, offering the performance of a new series device

A new Label type for a new concept

WABCO Reman solutions parts will follow the same part number logic as a black or red label device, but with a green label and a part number that will be ending with an "R". Example: 480 102 040 R



In order to make the production of TEBS E REMAN sustainable, the following processes will apply:

1. A customized single packaging **Core Return Process**

The core (= the used part) must be returned to WABCO, in a normally worn state and properly packaged in the original packaging (to avoid transportation damages). Workshops and Fleets should always return their core to a official WABCO Distributor. A core can be sent back maximum 1 year after purchase of a Reman device.

2. An automatically calculated **Core Surcharge**

For every TEBS E REMAN purchased, a surcharge with a net value of 100€ will be applied. The surcharge will be credited back to the respective WABCO Distributor / Service Partner when the old part has been returned following the Core Return Process.

Value Benefit

In addition to the environmental benefits, the TEBS E REMAN will offer an economic benefit for the customers when the core is returned like described above, as its gross price will be lower then for a corresponding newly produced part.

Also, our customers will benefit from WABCO highest quality and performance standard, backed with renowned R&D capabilities. We believe that remanufacturing such critical safety products like the TEBS E can only be achieved with the lessons learned and processes acquired from our experience as a tier 1 in OE serial production.

Overview of available TEBS E REMAN devices

TEBS E REMAN will be launched in the European Market as first phase. For markets where the TEBS E REMAN is made available, the corresponding Red Label part number will be discontinued. Example: 480 102 040 R and 480 102 041 R replace 480 102 030 7

As from now, the TEBS E REMAN will be available as a Green Label in 4 different part numbers, depending on the ECU software version. Please use below table to identify which TEBS E REMAN part you need depending on part number & production date of the TEBS E part mounted on the trailer:

TEBS E REMAN Green label	Variant	Can be used for below TEBS E devices	
		TEBS E mounted on trailer	TEBS E production date between week
480 102 040 R	Standard E0	480 102 03x x	22/2007 and 20/2009
480 102 070 R	Premium E0	480 102 06x x	23/2007 and 37/2008
480 102 041 R	Standard E1.5	480 102 03x x	21/2009 and 09/2011
480 102 071 R	Premium E1.5	480 102 06x x	38/2008 and 48/2010

The above mentioned TEBS E REMAN part numbers can exchange only TEBS E0, TEBS E1 and TEBS E1.5 modulators. Reman of TEBS E2 is not yet available.

! After installation, the TEBS E REMAN modulator must be parameterized using WABCO TEBS E Diagnostic Software.

For PEM (Pneumatic Extension Module) equipped devices, the repair kit 461 513 920 2 (contains screws, washers, O-rings and grease) should be used.

Please contact your WABCO partner for more information about our expansive portfolio, or find more information on WABCO Online Product Catalogue [INFORM](#).