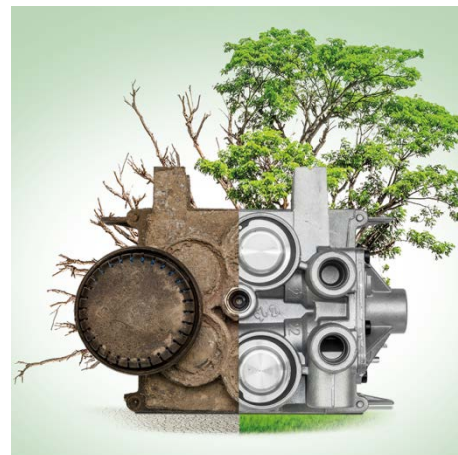


## REMANUFACTURED EBS AXLE MODULATOR 1<sup>ST</sup> GENERATION

The quality of the braking system contributes substantially to the road safety of commercial vehicles. In 1996, WABCO was the first supplier to launch series production of an Electronic Braking System (EBS) on a larger scale. As a global leader in this sector, WABCO supplies EBS for light to heavy commercial vehicles with trailers or semitrailers as well as for buses.

The axle modulator controls the brake cylinder pressure on the two sides of a single or dual axle. It has two pneumatically independent pressure control channels each with an air admission and bleeder valve, individual pressure sensors and a joint electronic control unit.

In 2018 WABCO REMAN Solutions developed remanufactured EBS Axle Modulators of the first generation. We fulfill the needs of our customers, who don't want to pay premium prices and are looking for an ecological alternative at lower cost that still meets the highest quality standards.



## PRODUCT NUMBERS, PRICES, CROSS REFERENCES

WABCO product number	Gross price / *Surcharge			Replacement for / Cross references	
	EUR	GBP	CHF	WABCO	OE
480 103 011 R	899.00 175.00*	737.00 150.00*	1,142.00 245.00*	480 103 011 0	Alexander Dennis: DP002148 DAF: 1505278 Evobus: A0004292124 Mercedes: 0004292124, 0004290324, 0004291524, 0004290824, 0004290624
480 103 012 R	885.00 175.00*	725.00 150.00*	1,124.00 245.00*	480 103 012 0	DAF: 1505279 Evobus: A0004292224 Mercedes: 0004290424, 0004292224, 0004290724, 0004290924, 0004291624, 00042916240085, 930624103701
480 103 015 R	899.00 175.00*	737.00 150.00*	1,142.00 245.00*	480 103 015 0	Evobus: A0004292624 Mercedes: 0004292624
480 103 016 R	928.00 175.00*	761.00 150.00*	1,179.00 245.00*	480 103 016 0	Mercedes: 0004292724, 0004292024 PACCAR: 9500960

## BENEFITS FOR THE CUSTOMER

Remanufactured WABCO products meet the highest quality standards because they are produced and tested according to the same technical specifications as new ones. That is why we grant the same warranty as for our new products.

Thanks to WABCO Reman Solutions, customers get access to high quality components at a reduced price. This is possible because the remanufactured part uses an existing part (core), so we can offer remanufactured products at a lower price than new ones.

## CORE RETURN

The product is invoiced with a surcharge that will be refunded upon return of the core (used part).

Additional information and the Core Return Guidelines (available as PDF file for download) can be found at the [myWABCO](https://www.am.wabco-auto.com) website (<https://www.am.wabco-auto.com>).

The return process is operated via authorised WABCO partners. Please contact your [WABCO partner](#) ([www.wabco-auto.com/findwabco](http://www.wabco-auto.com/findwabco)) to find out whether you need to return cores or if you require further information.

## BENEFITS OF REMANUFACTURING

- Reduces material use, preserves natural resources
- Waste reduction
- Extends product life-cycle

## IN LINE WITH WABCO VALUES

With the launch of its new remanufactured products, WABCO is continually helping to reduce environmental pollution. By purchasing our Green Label Reman products, which are identical to new WABCO products in terms of functionality and performance, you are supporting WABCO's endeavour for greater sustainability.

All production operations are powered by rigorous Six Sigma Lean processes with the additional assurance of ISO TS 16949:2009 certification.

## ABOUT WABCO REMAN SOLUTIONS

Formed by WABCO in 2010, WABCO Reman Solutions specialises in remanufacturing electronic and mechatronic components, and conventional mechanical products made by WABCO and other manufacturers. WABCO's remanufactured products serve original equipment manufacturers, as well as the Independent Aftermarket (IAM), on a global basis.

WABCO Reman Solutions has facilities in Rochester Hills, Michigan, USA; Stanowice, Poland; Jinan, China; Campinas, Brazil; R.H. Sheppard, a WABCO company in Hanover, PA, USA and a joint operation in San Luis Potosi, Mexico.

ISO/TS 16949:2009 certification demonstrates that WABCO Reman Solutions is recognised as a premier automotive parts remanufacturer, providing customers with high quality, cost effective products and services.

WABCO Reman Solution has been awarded the titles:

- 'Heavy Duty Remanufacturer of the Year' by APRA in 2014,
- 'Most popular Remanufacturer in China' by DUXES in 2014,
- 'Remanufacturer of the Year' by REMATEC in 2017.

[Watch our new video on YouTube](https://youtu.be/clp03gVPJWw) ([youtu.be/clp03gVPJWw](https://youtu.be/clp03gVPJWw))

**WABCO**  
REMAN SOLUTIONS