

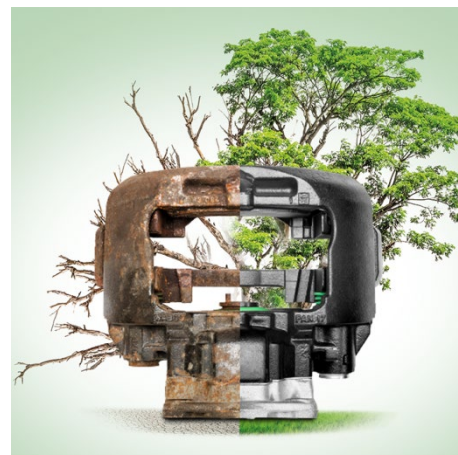
## REMANUFACTURED PAN™ BRAKE CALIPERS

The brakes are one of the most important products that have an impact on your safety. WABCO REMAN Solutions has developed remanufactured PAN™ brake calipers. 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.

The remanufacturing processes at WABCO REMAN Solutions are carried out in accordance with the IATF 16949:2016 quality requirements. Each finished product is assembled on an OE-comparable line and tested in accordance with OE specifications.

Our technological expertise ensures that all material fatigue is detected during the remanufacturing processes and that usage of original replacement components ensures product safety of the highest level.

- Same warranty
- Same quality
- Same functional specification
- Lower price for your economical and ecological choice



## REMANUFACTURED PAN™ CALIPERS PORTFOLIO

In line with the requirements of our customers, WABCO REMAN Solutions offers a range of different solutions so that everyone can choose the product they need:

- Remanufactured PAN™ brake calipers (17", 19", 22")
- Numerous applications for trucks, trailers and buses
- Two approaches to REMAN: with or without carriers
- Both WABCO or ProVia branded brake pads can be installed on REMAN brakes
- Repair kit for wear indicator installation included

## PRODUCT NUMBERS, PRICES

WABCO product number	Description	Gross price / Surcharge		
		EUR	GBP	CHF
640 175 049 R	PAN™ 17, left brake <sup>1) 2)</sup>	570.00 / 175.00	468.00 / 150.00	724.00 / 245.00
640 175 050 R	PAN™ 17, right brake <sup>1) 2)</sup>	570.00 / 175.00	468.00 / 150.00	724.00 / 245.00
640 175 072 R	PAN™ 17, left brake <sup>1) 2)</sup>	570.00 / 175.00	468.00 / 150.00	724.00 / 245.00
640 175 073 R	PAN™ 17, right brake <sup>1) 2)</sup>	570.00 / 175.00	468.00 / 150.00	724.00 / 245.00
640 195 039 R	PAN™ 19, left brake <sup>1)</sup>	595.00 / 175.00	488.00 / 150.00	756.00 / 245.00
640 195 040 R	PAN™ 19, right brake <sup>1)</sup>	595.00 / 175.00	488.00 / 150.00	756.00 / 245.00
640 195 045 R	PAN™ 19, left brake <sup>1)</sup>	595.00 / 175.00	488.00 / 150.00	756.00 / 245.00
640 195 046 R	PAN™ 19, right brake <sup>1)</sup>	595.00 / 175.00	488.00 / 150.00	756.00 / 245.00
640 195 037 R	PAN™ 19, left brake	560.00 / 175.00	460.00 / 150.00	711.00 / 245.00
640 195 038 R	PAN™ 19, right brake	560.00 / 175.00	460.00 / 150.00	711.00 / 245.00
640 225 015 R	PAN™ 22, left brake	590.00 / 175.00	484.00 / 150.00	749.00 / 245.00
640 225 016 R	PAN™ 22, right brake	590.00 / 175.00	484.00 / 150.00	749.00 / 245.00

<sup>1)</sup> with carrier, <sup>2)</sup> with repair kit for wear indicator installation

## PRODUCT NUMBERS, VEHICLE APPLICATIONS, CROSS REFERENCES

WABCO product number	Vehicle application	Replacement for / Cross references		
		WABCO	OE	
640 175 049 R	Truck, 17" left brake	40 175 049	MAN DAF Paccar Demag	81508049087, 81508046071, 81508046089, 81508046355, 81508049071 1505372 1505372R 82586740
640 175 050 R	Truck, 17" right brake	40 175 050	MAN DAF Paccar Demag	81508049088, 81508046070, 81508046090, 81508046354, 81508049070 1505373 1505373R 82586840
640 175 072 R	Truck, 17" left brake	40 175 072	DAF / Paccar	1440500
		40 175 064	RT / MACK DAF Paccar	5001852882 1522111 1522111R
640 175 073 R	Truck, 17" right brake	40 175 073	DAF	1440501
		40 175 065	RT / MACK DAF Paccar	5001852883 1522112 1522112R
640 195 039 R	Bus, 19" left brake	40 195 039	Alexander Dennis	659742
640 195 040 R	Bus, 19" right brake	40 195 040	Alexander Dennis	659743
640 195 045 R	Truck, 19" left brake	40 195 045	DAF Volvo Renault	1628062 WA40195045 5001865918
640 195 046 R	Truck, 19" right brake	40 195 046	DAF Volvo Renault	1628063 WA40195046 5001865919
640 195 037 R	Trailer, 19" left brake	40 195 037	SAF Valx SchwarzmueLLer Scania Volvo Paccar DAF	3080001901 50300001 46779 2093073 WA40195037 0877930 877930
		40 195 017	SAF Schmitz Sauer Koegel DAF	3080001901, 3080003320 1020778 3080001901, 3080003300 6500701 866216
		640 195 068 0	SAF	3080007121
		640 195 071 0	SAF	
		640 195 085 0	Schmitz	1093807
		640 195 001 2	Schmitz	1110438
		640 195 095 0	Schmitz	1110437

WABCO product number	Vehicle application	Replacement for / Cross references		
		WABCO	OE	
640 195 038 R	Trailer, 19" right brake	40 195 038	SAF Valx SchwarzmueLLer Scania Volvo Paccar DAF	3080001801 50302001 46778 2093075 WA40195038 0877931 877931
		40 195 018	SAF Schmitz Sauer Koegel DAF	3080001801, 3080003220 1020779 3080001801, 3080003200 6500702 866217
		640 195 069 0	SAF	3080007221
		640 195 072 0	SAF	
		640 195 086 0	Schmitz	1093808
		640 195 000 2	Schmitz	1110437
		640 195 096 0	Schmitz	1110438
640 225 015 R	Trailer, 22" left brake	40 225 015	SAF SchwarzmueLLer Scania Volvo Paccar DAF	4080005100 79821 2093076 WA40225015 0877933 877933
		40 225 007	SAF Sauer	3080005120 3080005100
		640 225 022 0 640 225 025 0	SAF	3080006700, 3080006720
		640 225 030 0 640 225 040 0 640 225 000 2	Schmitz	1063036, 1110435, 1110435
		640 225 060 0 640 225 062 0	Valx	50300002
640 225 016 R	Trailer, 22" right brake	40 225 016	SAF SchwarzmueLLer Scania Volvo Paccar DAF	4080005000 79822 2093077 WA40225016 0877934 877934
		40 225 008	SAF Sauer	3080005020 3080005000
		640 225 023 0 640 225 026 0	SAF	3080006800, 3080006820
		640 225 031 0 640 225 041 0 640 225 001 2	Schmitz	1063037, 1110436, 1110436
		640 225 061 0 640 225 063 0	Valx	50302003

## 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](https://www.wabco-auto.com/findwabco) ([www.wabco-auto.com/findwabco](https://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 lifecycle

## 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); Pennsylvania, 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 Solutions 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))

