

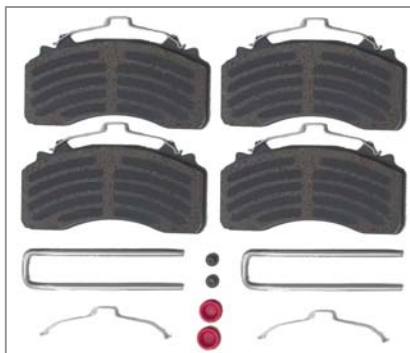
## MAXX 22 air disc brake for heavy vehicles

The latest variant MAXX 22 is equipped with a new design of monoblock brake calliper and a reinforced single-piston actuating unit, which allows maximum braking torques of more than 30,000 Nm. Thanks to the impressive low weight of only 39 kg, including brake linings, the stress on the chassis is relieved, while fuel consumption is reduced. These results provide greater driving safety and transport efficiency.

The MAXX 22 has been supplied in series production to MAN Truck & Bus AG since September 2010 and is installed in certain models of the TGX and TGS series.

The spare parts concept for the MAXX 22 is based on the proven concept of the PAN series with the following innovations:

- Patented hold-down springs which are fixed to the brake linings. This facilitates installation and ensures that the linings are secured in position.
- The pressure plate is available as a spare part and easy to replace.
- The reset unit can be replaced individually. It is therefore not necessary to replace the complete brake in the event of a malfunction.
- The continuous wear sensor (CWS) continuously measures the wear of both brake linings and the brake disc. This sensor can also be replaced separately and can be installed without disassembling the brake, without the need for further adjustments. In this case it is not necessary to replace the entire brake.
- A new tool concept with specific kits for the MAXX 22 series is now also available.



Essential features of the MAXX 22 are protected by patent, such as the brake lining hold-down system, the actuating device, the pressure plate guidance and the adjustment system.

You will find the maintenance instructions for the MAXX 22 in the product catalogue at the WABCO website <http://www.wabco-auto.com/> by entering the brake part number.

Please contact your WABCO partner for further information on our disc brakes.

The table below provides a complete overview of the MAXX 22 range. This table can also be downloaded from the internet via this [link](#).

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Original equipment MAXX 22			
Name	WABCO part number	MAN part number	Remark
<b>OE brakes</b> MAXX 22	640 322 004 0	81.50804-6577	Front axle left
	640 322 005 0	81.50804-6576	Front axle right
	640 322 007 0	81.50804-6581	Rear axle left
	640 322 008 0	81.50804-6580	Rear axle right

Spare parts concept MAXX 22			
Name	WABCO part number	MAN part number	Remark
<b>Replacement brakes</b> MAXX 22 (without brake linings)	640 322 031 0	81.50804-6579	Front axle left
	640 322 032 0	81.50804-6578	Front axle right
	640 322 034 0	81.50804-6583	Rear axle left
	640 322 035 0	81.50804-6582	Rear axle right
Brake lining repair kit	640 322 924 2	81.50820-6065	OES variant, per axle
	640 322 933 2	-	IAM variant, per axle
Repair kit of seals and guide bolts	640 322 926 2	81.50822-6038	Per brake
Reset unit repair kit	640 322 927 2	81.50822-6039	Per brake
Wear sensor (CWS) repair kit	640 322 928 2	81.50822-6040	Per brake
Pressure plate repair kit	640 322 931 2	81.50822-6041	Per axle
Seals repair kit	640 322 932 2	81.50822-6042	Per brake
Tools (both kits required)	640 195 522 2	-	Basic tool kit
	640 322 522 2	-	MAXX 22 tool kit