WABCO

SERVICE

Market Information

01.10. 2003

Wear Indicators to Disc Brakes
Retrofit from now on also for PAN 22-1

On the occasion of the introduction of our disc brake PAN 22-1 we below give you a total review of our retrofit kits with wear indicators.

Brake Pad Wear Monitoring (BVA)

- → **more safety**
- → **lower maintenance cost**
- → **avoiding consequential damages**
- → **taking advantage of the full working time**
- → **existing display on the truck side is used**

Prerequisites:

Towing vehicle with WABCO EBS

Disc brakes from WABCO or Knorr

It couldn't be simpler

If you have a towing vehicle with WABCO Trailer EBS and its **Trailer EBS modulator has a running number > 38.000**, you only need to route a connection cable to the brake callipers and use the wear indicators in the brake callipers.

The retrofit kit includes the complete set of cables, indicators and the installation instructions. Following installation, a specialist workshop must use its diagnostic equipment to activate the "wear indicator" function of the EBS modulator (access protection by PIN).

As soon as the brake pads have worn out to a residual thickness of 2 mm, the Trailer EBS (ABS) check lamp on the instrument panel flashes 4 times.

The wear indicator is integrated in the Trailer EBS modulator. This reduces maintenance costs and avoids consequential costs due to fully worn out brake pads.

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Review of our retrofit kits:

Disc Brake	Axle	Retrofit for 1 to 3-axle semitrailers	Retrofit for 2-axle drawbar trailers
WABCO PAN 19-1 & PAN 19-1 plus	SAF TDB-Nr. 0678 SAF TDB-Nr. 0749	480 102 920 2	480 102 921 2
WABCO PAN 22-1	SAF Test Protocol 361-094-02 SAF Test Protocol 361-106-02 SAF Test Protocol 361-107-02	480 102 924 2	480 102 925 2
Knorr SB6/SN6 & SB7/SN7	SAF TDB-Nr. 0590 SAF TDB-Nr. 0591 SAF TDB-Nr. 0605 SAF TDB-Nr. 0606 BPW TDB-Nr. 0562 BPW TDB-Nr. 0568 BPW TDB-Nr. 0632 DaimlerChrysler aswell	480 102 922 2	480 102 923 2

Of course BVA can be retrofitted on vehicles with TCE or VCS II systems, too. Please contact your WABCO partner.

TÜV-tested
The brake wear monitoring system ist TÜV tested and certified according to GGVS guidelines (German law governing the road haulage of hazardous materials).

You can find further details in the publication “Brake pad wear indicator for disc brake with Trailer EBS”, number 820 001 150 3.

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