

Service Instructions

June 2010

Brake Discs and Brake Pad Kits for Bus Applications Only Genuine, OE-Specified Parts Guarantee Peace of Mind

Do the brake pads on your buses wear out far quicker than anticipated?

The problem could be more serious than just high replacement costs; vehicle safety could be compromised!

A quick check to see if you are fitting the correct brake pads will save you money and assure optimal braking performance.

Knorr-Bremse works closely with vehicle manufacturers to optimise the performance of the braking system, both in terms of stopping ability and wear levels. For Aftermarket use, Knorr-Bremse only supplies **OE material brake pads**, thereby guaranteeing the maximum safety and performance standards as found on the vehicle when new.

Brake output at the wheel can only be assured if the correct grade of friction material is used. **This is a safety-critical factor and no compromise should be made.**

It is imperative that buses equipped with EBS are fitted with the correct OE-specified brake pads to maintain the brake performance and stopping distances:

- EBS ECUs are individually programmed to provide the braking system with the information it needs to achieve optimal performance.
- If the braking system does not perform as the EBS would expect it to, then the EBS attempts to compensate for these changes by increasing or decreasing braking pressures.
- This often leads to a “catch-22” situation where the overall system performance, safety and stability of the vehicle deteriorates, which then causes the EBS to compensate further by making more alterations to the braking pressures, leading to excessive wear on the brake pads and brake discs.

Knorr-Bremse Brake Discs and Knorr-Bremse Brake Pad Kits - a Perfect Match

- **Fully traceable throughout the product lifecycle**
- **Correct brake pads guarantee reliability, predictability and performance**
- **Brake pad specification built in to the EBS ECU**
- **Unambiguous and simple - see chart overleaf**

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Problems can arise when inferior brake pads are used. However, simply fitting a reputable quality brake pad kit does not guarantee optimal braking performance, or absolve liability:

YOU MUST FIT THE CORRECT BRAKE PADS SPECIFIED FOR THE VEHICLE

Follow the information table below to find the correct brake pad kit and brake disc for your vehicle, guaranteeing you peace of mind for;

- Performance
- Reliability
- Predictability
- Minimised lifetime cost
- Legal compliance

Part Number Information

Vehicle Manufacturer	Model	Knorr-Bremse IAM Brake Pad Kit Part Number	OE Manufacturer Part Number	Brake Pad Wear Kit	Disc (Front)	Disc (Rear)
SCANIA	Omnibus Range (front)	K031891K50	1734529 or 1856108	n/a	K000810	II371910061
SCANIA	Omnibus Range (rear)	K031891K50	1856108	n/a	K000810	II371910061
SCANIA	4 Series Bus	K031891K50	1521979	n/a	K000810	II371910061
DAF VOLVO	SB120 MERIT 120	II376580062	1142152	K000683	II39280F	II38628F
ALEXANDER DENNIS	Trident II Enviro 400/500	K031890K50	658470-41	K000683	K013569 (Dana) II371910061 (ZF)	II371910061
OPTARE	Olympus N230	K031891K50	1734529 or 1856108	n/a	K000810	II371910061

**If you have any questions or concerns please call
Technical Services on 0117 984 6222**

For more information on Knorr-Bremse's rigorous test procedures for brake pads ask for document Y063807: "Original brake pads - the safe choice"

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