

INFORMATION AND PROCEDURE FOR CHECKING THE BRAKE CALIPER GUIDE PIN MOVEMENT - TSB AND TS2

EVERY 26 WEEKS

TSB

STEP 1

BPW LIMITED RECOMMEND THIS INSPECTION IS CARRIED OUT EVERY 6 MONTHS OR EVERY PAD CHANGE.

The lateral bearing play of the brake caliper guide pins can be checked using a dial gauge. Attach the dial gauge base to the axle beam and position the gauge facing the guide pin bearing on the lower edge of the cylinder mounting flange (see fig. 1).

Move the brake caliper from side to side radially from the centre of the axle (see fig. 2) and measure the total displacement. If the total amount measured on the gauge exceeds **1.5 mm** then the caliper guide pin and brushes must be replaced.

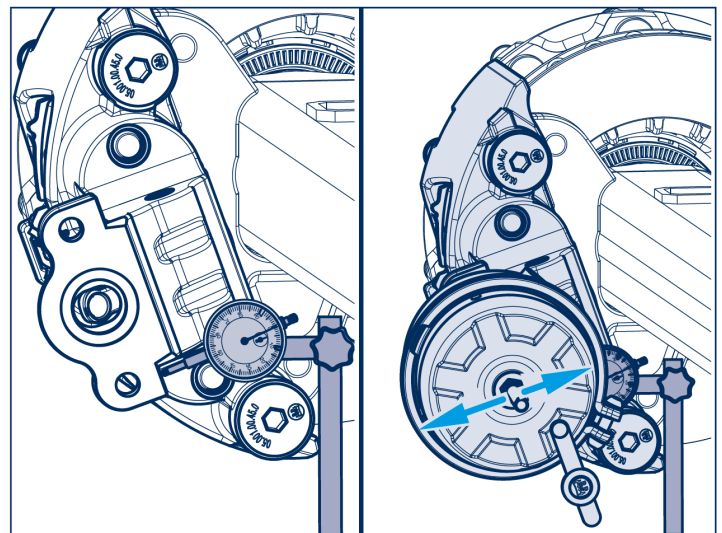


Figure 1

Figure 2

STEP 2

- Release brakes
- Remove brake pads
- Check total slide movement ensuring pins have not seized
- Inspect bellows and screw plugs for cracks, damage and proper seating and replace if necessary

TS2

STEP 1

BPW LIMITED RECOMMEND THIS INSPECTION IS CARRIED OUT EVERY 6 MONTHS OR EVERY PAD CHANGE.

The bearing play of the brake caliper can be determined using a dial gauge. Attach the dial gauge holder to the axle beam and position the gauge on the brake caliper housing on the brake cylinder holder.

Press the brake caliper on the brake cylinder vertically **downwards** to its installation position and set the dial gauge to 'zero'.

Press the brake caliper **upwards** and read the bearing play on the dial gauge.

If a brake caliper bearing play exceeds **1.0 mm**, the brake caliper bearing must be replaced.

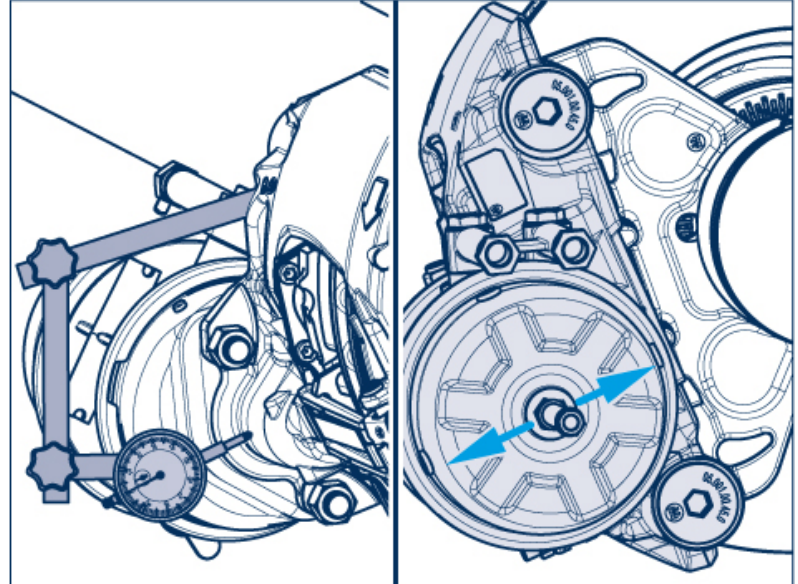


Figure 1

Figure 2

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