

Fig. 1: Lateral run-out tester passenger cars

Fig. 2: Lateral run-out tester commercial vehicles



Fig. 3: Lateral run-out ≥ 0.5 mm

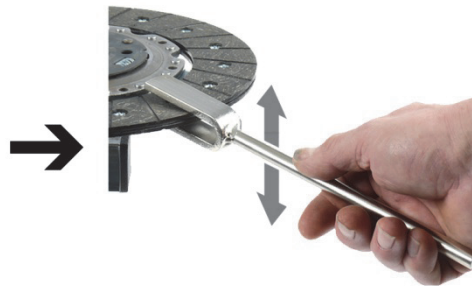


Fig. 4: Aligning clutch disk

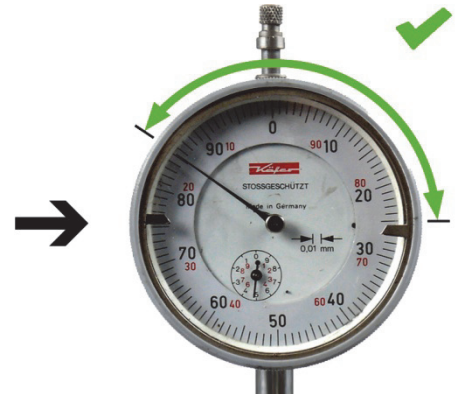


Fig. 5: Lateral run-out ≤ 0.5 mm

- 1 Vise
- 2 Tester
- 3 Dial gage
- 4 Thrust piece

- 5 Alignment bracket
- 6 Clutch disk
- 7 Centering pin
- 8 Guide shoe



Before installing the clutch disk, check its lateral run-out (max. 0.5 mm).

Only touch the clutch disk with clean hands.

Do not rotate the clutch disk directly on the clutch lining → distorts the measurement values.



Check lateral run-out and align the clutch disk

1. Clamp tester (2) into the vise (1).
 2. Mount the centering pin (7) without clearance on the clutch disk (6).
 3. Screw thrust piece (4) onto the centering pin (7).
 4. Assemble installed parts (4, 7, 6) on the tester (2).
 5. Position the dial gage (3) at the outer edge of the clutch lining → Fig.1, 2.
 6. Preload dial gage (3) (min. 1.5 mm).
 7. Rotate clutch disk on centering pin (7) 360° while reading the dial gage (3).
- Lateral run-out **> 0.5 mm** (Fig. 3): Align clutch disk (Fig. 4) and repeat measurement process.
- Lateral run-out **≤ 0.5 mm** (Fig. 5): Install clutch disk in the vehicle.

