



Citroën	Jumper
Fiat	Ducato
Peugeot	Boxer



Fig. 1: Pressure plate, pull-type version



Fig. 2: Release bearing

1 Mounting ring

2 Mounting clamps

The mounting ring (1) centers the release bearing in the center of the diaphragm spring. The release bearing is fixed by the securing ring, which snaps into place automatically.

NOTICE

Avoid high forces when installing the release bearing in the release ring of the pressure plate, as the mounting clamps (2) may otherwise break.

The release bearing and release ring must be precisely aligned.



Damage caused by defects in the clutch environment



Fig. 3: Worn securing ring
 → Release bearing separates from the diaphragm spring
 → Sudden power flow



Fig. 4: Mechanical damage and overheating on the release bearing

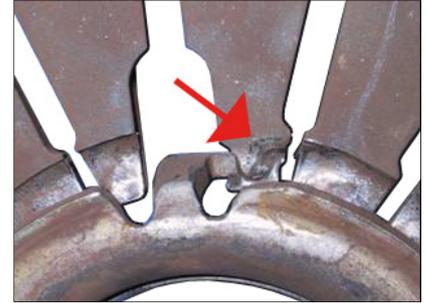


Fig. 5: Excessive wear on the release ring and diaphragm spring tongues



The mounting ring (1) of the release bearing must be **above** the securing ring.

Check the entire release system for proper operation, ease of movement and wear each time you change the clutch:

- Clutch cable (mechanical actuation)
- Master and slave cylinders (hydraulic actuation)
- Preloaded spring on the pedal
- Release fork
- Release shaft
- Guide tube

Replace damaged parts, since they frequently lead to damage (Fig. 3 to Fig. 5).



Measure the lateral run-out of the clutch disk prior to installation and align as needed (0.5 mm max.).
 Observe Service Information: Clutch disk - Check lateral run-out (12012 EN).

Assembling the release bearing

1. Install the release bearing on the release fork.
2. Install the release shaft (if present).
3. Bolt the transmission to the engine evenly and without offset.
4. Center the release bearing precisely on the diaphragm spring ends by lightly pressing it.
5. Firmly push release bearing until it snaps **audibly** into the load ring.

Bleed hydraulically actuated clutches after assembly.

In mechanically actuated clutches, adjust the clutch cable.

1. Actuate the clutch pedal (20x).
2. Check the adjustment of the clutch cable.
3. Repeat the operation if the adjustment is not correct.



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