



Transport and handling of the clutch

NOTICE

Material damage may occur.

XTend wear compensation device may be damaged or accidentally adjusted.

➔ **Under no circumstances should you allow** the pressure plate to fall or tip over.



- Always replace the pressure plate when installing a new clutch disk. The automatic wear compensation device (fig. 1) **cannot** be reset.
- Before installation, check: lateral run-out of the clutch disk (max 0.5 mm) and the pilot bearing.
- Check the entire release system to ensure that proper operation and ease of movement are present and that wear is not excessive.

Using a cloth soaked in cleaning solution, completely remove grease, oil and dirt from the friction surfaces of the pressure plate and flywheel.



To prevent damage (e.g., distortion, breakage, unintentional readjustment), tighten screws crosswise to the specified tightening torque. Observe the vehicle manufacturer's specifications.



When reusing the pressure plate, only install the clutch disk previously used.



XTend pressure plate with stop screw (Fig. 1)

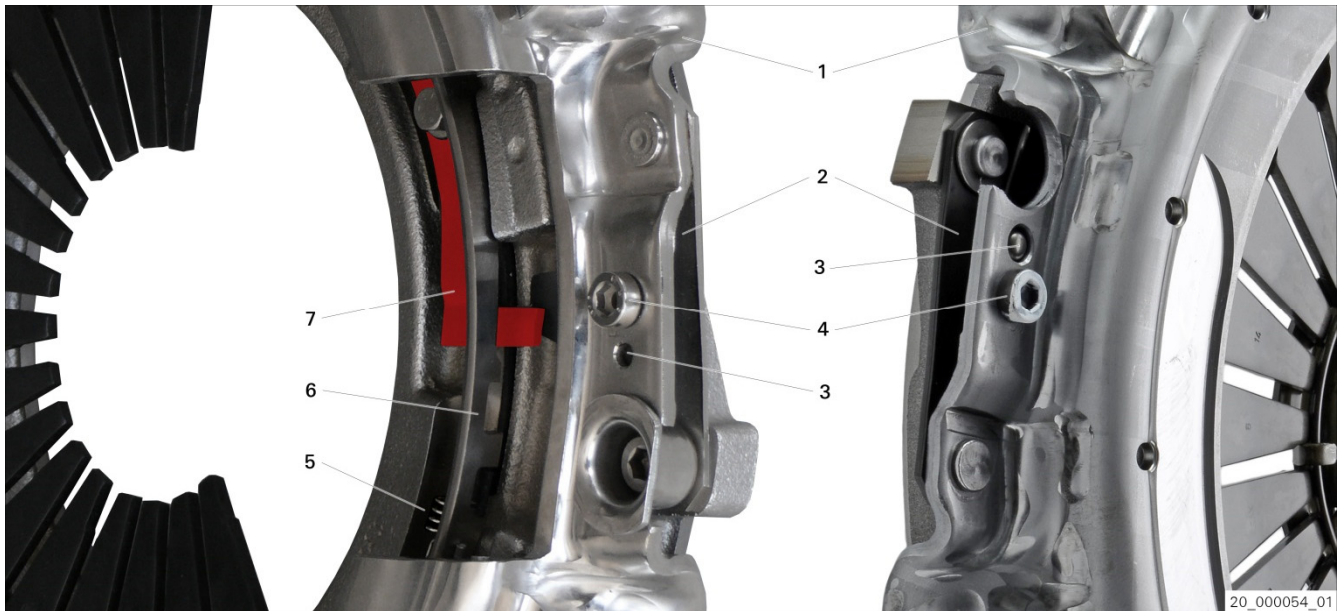


Fig. 1: XTend pressure plate with stop screw

- | | | | |
|---|------------------|---|------------------------|
| 1 | Housing | 2 | Tangential leaf spring |
| 3 | Locating pin | 4 | Stop screw |
| 5 | Extension spring | 6 | Adjusting ring |
| 7 | Retaining spring | | |

Using a new clutch kit

Installation

The stop screw (4) has already been tightened to the specified tightening torque by the factory. After installation on the flywheel, do **not** loosen the stop screw (4)!

Reuse of pressure plate and clutch disk

Removal and Reinstallation

1. Before removal, loosen the stop screw (4) by unscrewing it about two turns in order to lock the wear compensation device. **Do not** completely unscrew the stop screw.
2. Loosen the fastening screws on the pressure plate crosswise.
3. When installing the pressure plate, ensure that the positioning pin (3) for the stop is sitting in the mounting bore on the pressure plate.
4. After installation, tighten the stop screw (4) to **39 ± 4 Nm**.



XTend pressure plate without stop screw (Fig. 2)

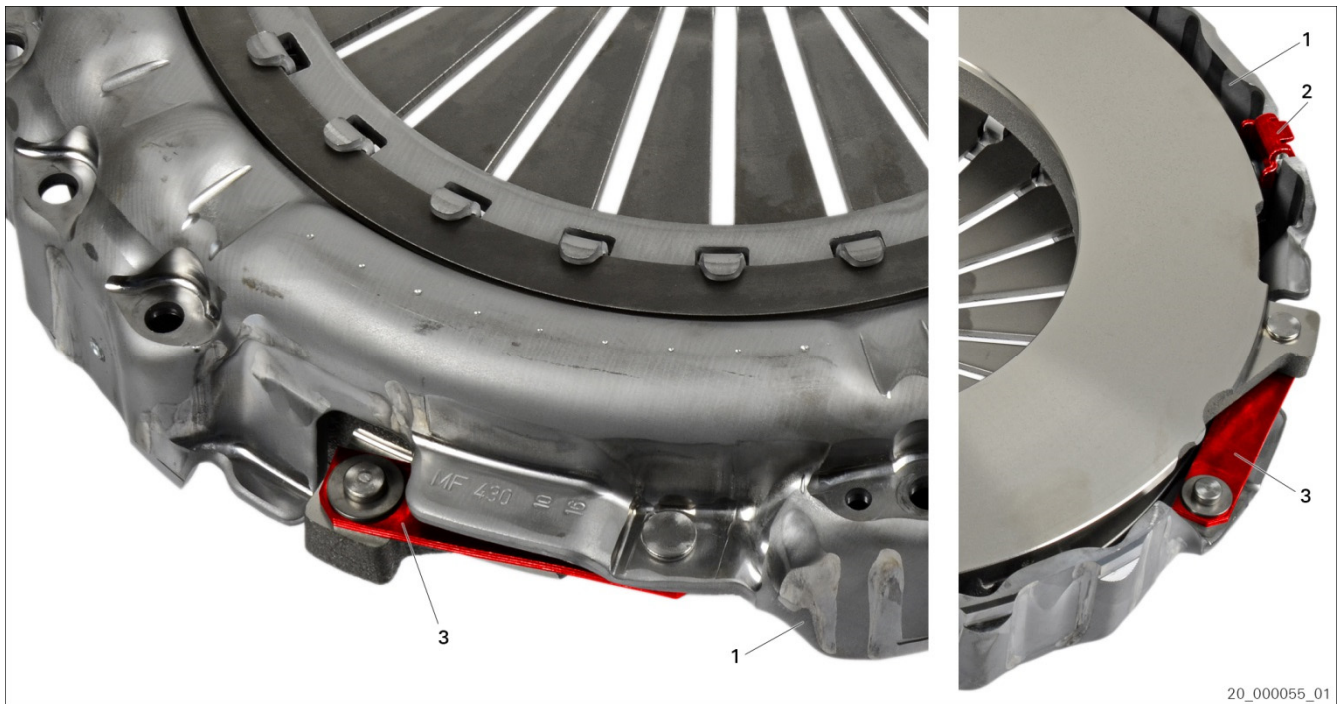


Fig. 2: XTend pressure plate without stop screw

- | | | | |
|---|------------------------|---|------|
| 1 | Housing | 2 | Stop |
| 3 | Tangential leaf spring | | |

Using a new clutch kit

During screwing of the pressure plate to the flywheel, the XTend wear compensation device is activated automatically.

Reuse of pressure plate and clutch disk

Upon removal, make sure that the stop (2) releases and can move freely. The stop (2) should not twist. During removal of the pressure plate, the XTend wear compensation device is automatically locked. Unintentional readjustment is therefore impossible.



XTend pressure plate with twin plate clutch (Fig. 3)

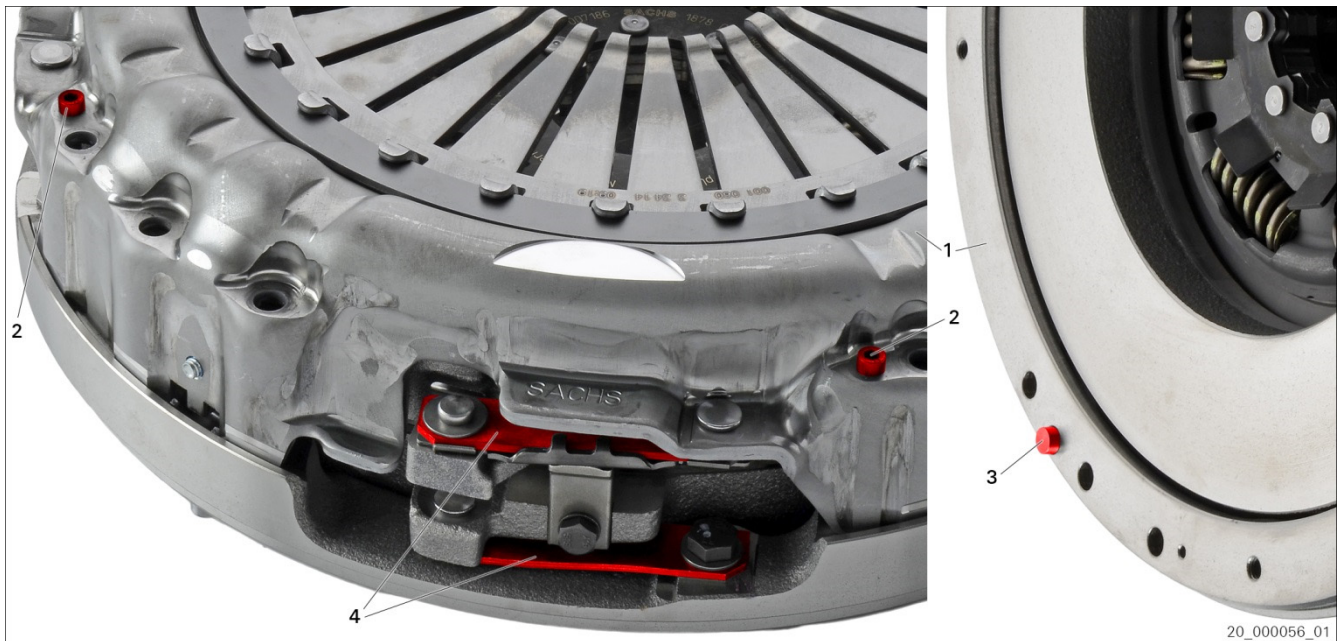


Fig. 3: XTend pressure plate with connecting screws

- | | | | |
|---|---------|---|------------------------|
| 1 | Housing | 2 | Connecting screws |
| 3 | Stop | 4 | Tangential leaf spring |

Do not loosen connecting screws (2) on XTend pressure plates of twin plate clutches.

Using a new clutch kit

During screwing of the pressure plate to the flywheel, the XTend wear compensation device is activated automatically.

Reuse of pressure plate and clutch disk

Upon removal, make sure that the stop (2) releases and can move freely. The stop (2) should not twist. During removal of the pressure plate, the XTend wear compensation device is automatically locked. Unintentional readjustment is therefore impossible.

➔ Observe service information: Twin plate clutch commercial vehicles – Push-off devices (12004 EN)



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