



Maintenance for the Concentric Slave Cylinder (CSC) SCANIA



Fig. 1: Concentric Slave Cylinder (CSC)

Immediately after opening the power lines, seal all line connections using the appropriate protective caps (Fig. 1) to prevent dirt from penetrating.

- Penetrating dirt, clutch wear, engine and transmission oil damage the CSC.
- Oil that penetrates the lines causes the gaskets to swell, resulting in leakages.



NOTE

- Premature failure of the CSC can be avoided if the maintenance instructions are followed.
- For the hydraulic actuation system, use only new brake fluid (DOT3 or DOT4).
- Several complaints about a tight control system can be remedied by flushing and bleeding (→ Page 2).
- For all work on the hydraulic release system, keep everything absolutely clean. Even the smallest amounts of mineral oil are enough to cause the gaskets to swell.
- Replace all leaky engine and transmission gaskets.



Manufacturer maintenance instructions (SCANIA)

Brake fluid change interval	Mileage
Normal operating conditions	120,000 km
Difficult operating conditions (e.g. construction equipment)	75,000 km

Hydraulic release system: changing, flushing, bleeding the brake fluid

CAUTION!



Brake fluid is poisonous.
Wear protective clothing, gloves, and glasses.
Dispose of the used brake fluid properly.
When working with brake fluid, make sure you follow the manufacturer's safety instructions.

- Remove the fluid reservoir and clean it thoroughly.
- Rinse the control system with new braking fluid (min. 0.5 l).
- Bleed the control system (follow manufacturer's instructions).



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