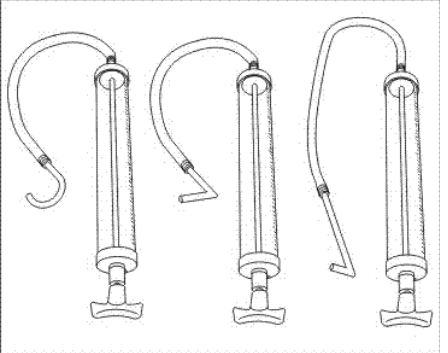
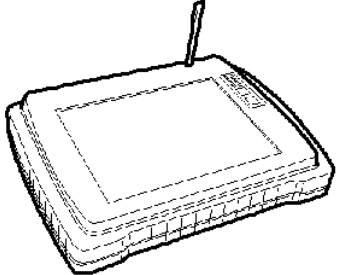


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WM 370235 Checking and topping up ATF (clutch fluid)

Tools

Designation	Type	Number	Description	
Manual metering pump	Workshop equipment	WE 1372	HDP 500 Porsche PDK	
PIWIS Tester	Special tool	9718		03  9718 000 721 971 80

Technical values

Location	Description	Type	Basic value	Tolerance 1	Tolerance 2
ATF filler screw	Aluminium	Tightening torque	35 Nm (26 ftlb.)	+/-3 Nm (+/-2 ftlb.)	

Preliminary work

Preliminary work



Information

To ensure that the transmission is filled correctly, the vehicle must be horizontal on the lifting platform.

1. Raise the vehicle at the prescribed jacking points.

→ 4X00IN01 *Lifting the vehicle*

2. Remove underbody panelling.

→ 519419 Removing and installing rear cover - section on "Removing"

3. Place oil collection pan under the transmission.

Checking and topping up ATF



Information

Before getting started, the transmission in the stationary vehicle must already be filled with ATF.

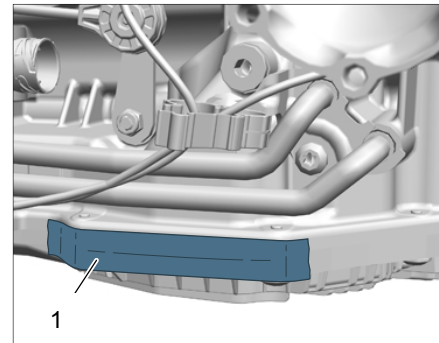
→ 370255 Changing ATF (clutch fluid)

1. Pre-fill ATF.
 - 1.1. Get the vehicle ready:
 - Move selector lever to position "P".
 - Start the engine and leave it running at idle speed.
 - Apply the parking brake.



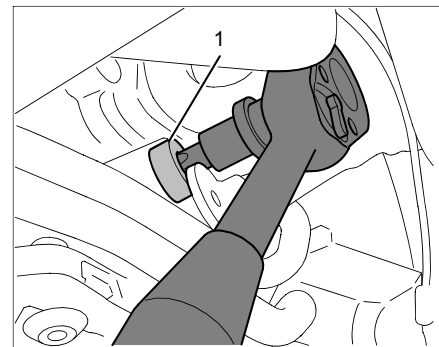
Information

Affix adhesive tape -1- to the area between the transmission housing and ATF pan to prevent dirt from getting into the oil pan.



Adhesive tape on transmission

- 1.2. Unscrew ATF filler screw -1- .



ATF filler screw

- 1.2.1. ATF emerges: Collect emerging ATF until only drops of ATF are emerging.

- 1.2.2. No ATF emerges: Top up ATF until ATF emerges at the filler bore.

Manual metering pump WE 1372

- 1.3. Screw in ATF filler screw.



Information

Oil fill mode can be activated when the transmission fluid temperature is between 30°C and 40°C. The transmission control unit ends oil fill mode automatically after 5 minutes.

2. Preparatory work for checking ATF.

Precondition: Transmission oil temperature > 10 °C

- 2.1. Connect the PIWIS Tester.

PIWIS Tester 9718

- 2.2. Shift the selector lever through gearshift positions R-N-D once with the engine running and pause for one second at each position.
- 2.3. Move selector lever to position "P".
- 2.4. Start oil fill mode on the Tester and follow the instructions.

3. Check ATF in oil fill mode.

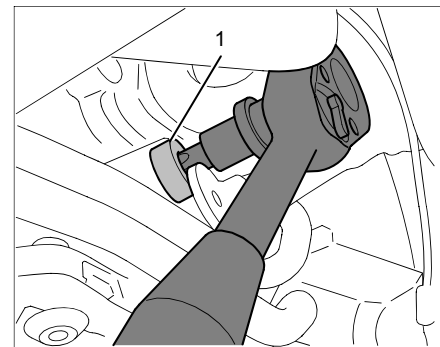


Hot fluid

- **Danger of scalding**

- Let the fluid cool down.
- Wear personal protective gear.

- 3.1. Unscrew ATF filler screw -1- .



ATF filler screw

- 3.1.1. ATF emerges: Collect emerging ATF until only drops of ATF are emerging.
- 3.1.2. No ATF emerges: Top up ATF until ATF emerges at the filler bore.

Manual metering pump WE 1372



Information

Only use oil approved by Porsche in the Porsche Doppelkupplung, see Parts Catalogue.

- 3.2. Screw in and tighten new ATF filler screw **-1-** .

→ **Tightening torque: 35 Nm (26 ftlb.) +/- 3 Nm (+/- 2 ftlb.)**
4. Remove adhesive tape from the area between the transmission housing and ATF pan. Carefully clean the transmission housing and ATF pan.
5. Switch off engine.

Subsequent work

Subsequent work

1. Install underbody panelling.

→ *519419 Removing and installing rear cover - Installing*

997110, 997111, 997120, 997121, 997310, 997311, 997320, 997321, 997410, 997411, 997420, 997421, 997430, 997431, 997510, 997511, 997520, 997521, 997610, 997611, 997620, 997621, 997630, 997631, 997170, 997460, 997461, 997560, 997561, 997150, 997151, 997350, 997351, 997370, 997660, 997661, 997720, 997721, 997160, 997161, 997360, 997361, 997450, 997451, 997470, 997471, 997480, 997481, 997650, 997651, 997670, 997671, 997680, 997681

Model year as of 2009

C00, C02, C05, C06, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C41, C45, C46, C96, C97, C98, C99