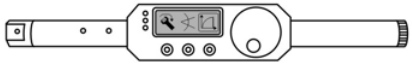


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WM 375519 Removing and installing ATF pan

Tools

Designation	Type	Number	Description	
electronic torque wrench	Special tool	9768		<div style="text-align: center;">  </div> <p>10, 37</p> <p>9768 000 721 976 80</p>

Technical values

Location	Description	Type	Basic value	Tolerance 1	Tolerance 2
Porsche Doppelkupplung		Total filling capacity	5.2 litres		
Porsche Doppelkupplung	Fill according to oil filling specifications!	Change quantity	0 litres		
ATF pan	M6, "medium"	Tightening torque	2.4 Nm (2 ftlb.)		
ATF drain plug		Tightening torque	15 Nm (11 ftlb.)	+3 Nm (+2 ftlb.)	

Information

Information



Caustic fluids

- **Danger of chemical burns**

- Avoid contact with caustic fluid.
- Wear personal protective gear.
- Ensure that there is good ventilation.
- If you do come into contact, wash off immediately with plenty of warm water and contact a doctor if necessary.



Hot fluid

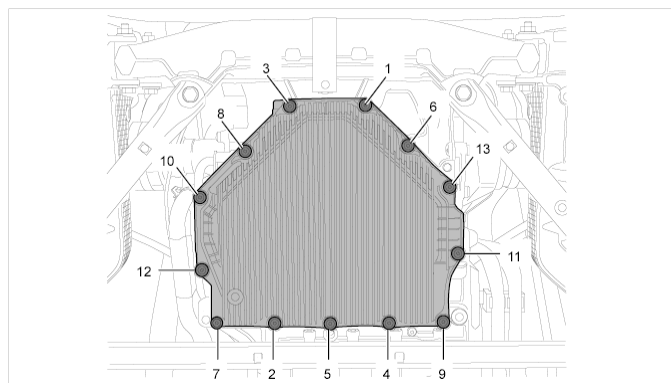
- **Danger of scalding**

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



Information

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



Tightening sequence for PDK transmission

The ATF oil pan for the PDK transmission must be tightened according to the prescribed sequence.

Technical values

Technical values

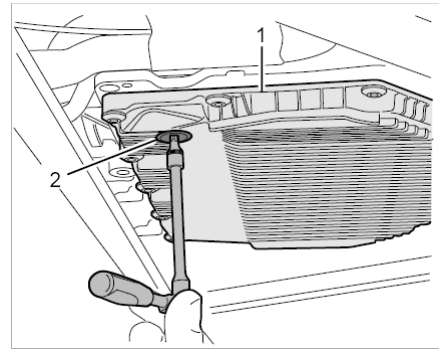
Location	Description	Type	Basic value	Tolerance 1	Tolerance 2
Porsche Doppelkupplung		Total filling capacity	5.2 litres		
Porsche Doppelkupplung	Fill according to oil filling specifications!	Change quantity	0 litres		

Preliminary work

Preliminary work

1. Raise the vehicle at the prescribed jacking points.
 - 4X00IN01 *Lifting the vehicle*
2. Remove underbody panelling.
 - 519419 *Removing and installing rear trim - Removing*
3. Drain ATF.

→ 370255 Changing ATF - section on "Draining"



Draining ATF

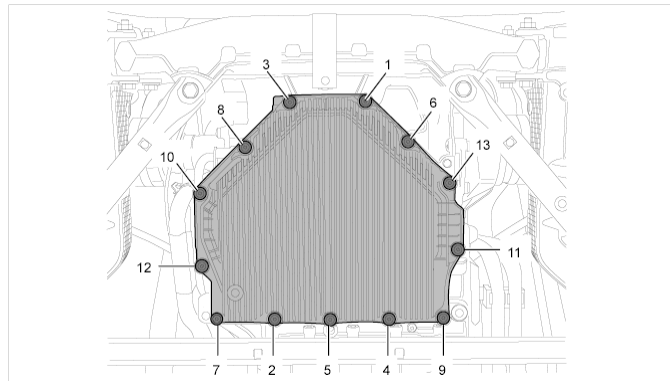
Removing ATF pan

Removing ATF pan



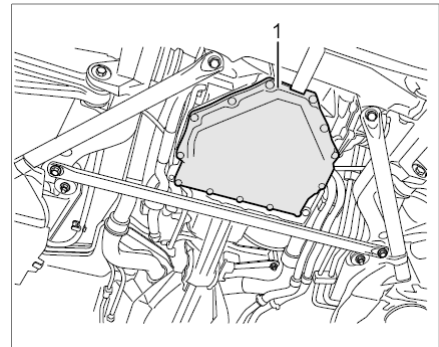
Information

Although you have drained the ATF oil, there will still be residual oil in the ATF pan.



Tightening sequences for PDK transmission

1. Loosen all screws on the ATF pan **-1-** except for Nos. 1 and 3 in reverse tightening sequence and then unscrew them.



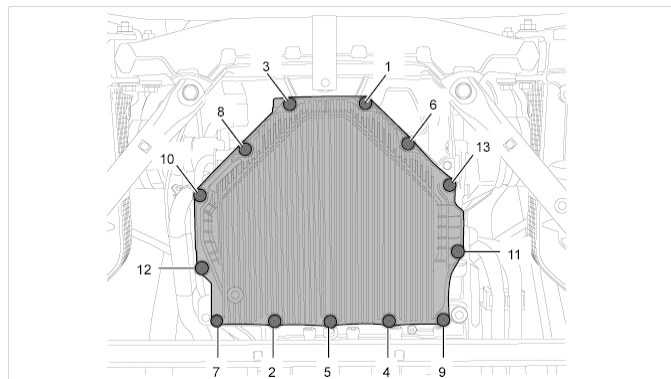
Removing and installing ATF pan

2. Carefully lever off the ATF pan **-1-** on the opposite side to screws 1 and 3 and catch any oil that overflows.

- Unscrew screws 1 and 3 on the ATF pan **-1-** and carefully remove the ATF pan.

Installing ATF pan

Installing ATF pan



Tightening sequences for PDK transmission



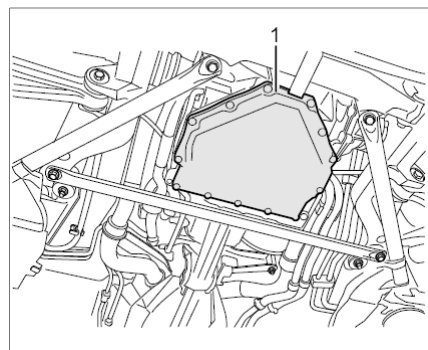
Information

Always use a new ATF pan and new aluminium screws.

The sealing faces of the transmission and ATF pan must be clean and dry for installation.

Before screwing in the new screws, blow out the threaded bore thoroughly with compressed air. Have a clean, lint-free cloth to hand to collect any emerging particles of dirt.

- Coat the sealing ring on the intake snorkel on the ATF pan **-1-** with oil.



Removing and installing ATF pan

- Fit the ATF pan **-1-** on the transmission and make sure that the sealing ring on the intake connection of the ATF pan is lying on the intake duct of the electro-hydraulic control mechanism.
- Press the ATF pan **-1-** onto the transmission until the sealing ring on the intake connection clicks into the intake duct of the hydraulic switch unit and the ATF pan is flat on the transmission.
- Screw M6 screws into the ATF pan and tighten according to the prescribed sequence → *Tightening sequences for PDK transmission*.



Information

- *The aluminium screws for the differential housing cover must be replaced.*
- *The aluminium screws for the Porsche Doppelkupplung (PDK) must be tightened using the yield-point-controlled tightening method.*
- *Special tool **electronic torque wrench 9768** is used for this.*
- *To ensure that the screws are tightened uniformly, the corresponding tightening setting "light, medium or hard" must always be used.*

Tighten M6 screws at "medium" setting.

→ **Tightening torque: 2.4 Nm (2 ftlb.)**

Subsequent work

Subsequent work

1. Screw in and tighten new ATF drain plug. → **Tightening torque: 15 Nm (11 ftlb.)+3 Nm (+2 ftlb.)**
2. Fill in ATF.
→ *370255 Changing ATF - section on "Filling"*
3. Check and top up ATF.
→ *370235 Checking and topping up ATF*
4. Install underbody panelling.
→ *519419 Removing and installing rear cover - section on "Installing"*

997110, 997111, 997120, 997121, 997310, 997311, 997320, 997321, 997410, 997411, 997430, 997431, 997510, 997511, 997520, 997521, 997610, 997611, 997620, 997621, 997170, 997460, 997461, 997560, 997561, 997150, 997151, 997350, 997351, 997370, 997660, 997661, 997720, 997721

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