

Symptom - Oil Leakages on Double Clutch Transmission (PDK): Observe Specified Work Procedure (SY 13/25)

Change Overview:

Revision	Date	Change
0	05/20/2025	▪ First publication
1	04/02/2026	▪ Update to Required parts for Replace double clutch transmission

Model Year: **As of 2024**

Model Line: **Panamera (YAA/YAB)**

Concerns: **Double-clutch transmission (PDK)**

Cause: **Oil leakages on double-clutch transmission.**

Remedial Action: Find oil leakages and carry out the relevant repair measure.

- Content:
- Preparatory work, see ⇒ *Technical Information 'Preparatory work'*
 - Leaks on left side of transmission ⇒ *Technical Information 'Leaks on left side of transmission'*
 - Leaks on right side of transmission ⇒ *Technical Information 'Leaks on right side of transmission'*
 - Leaks on upper side of transmission ⇒ *Technical Information 'Leaks on upper side of transmission'*
 - Leaks on lower side of transmission ⇒ *Technical Information 'Leaks on lower side of transmission'*
 - Leaks on front side of transmission ⇒ *Technical Information 'Leaks on front side of transmission'*
 - Leaks on rear side of transmission ⇒ *Technical Information 'Leaks on rear side of transmission'*

Preparatory work

Work Procedure:



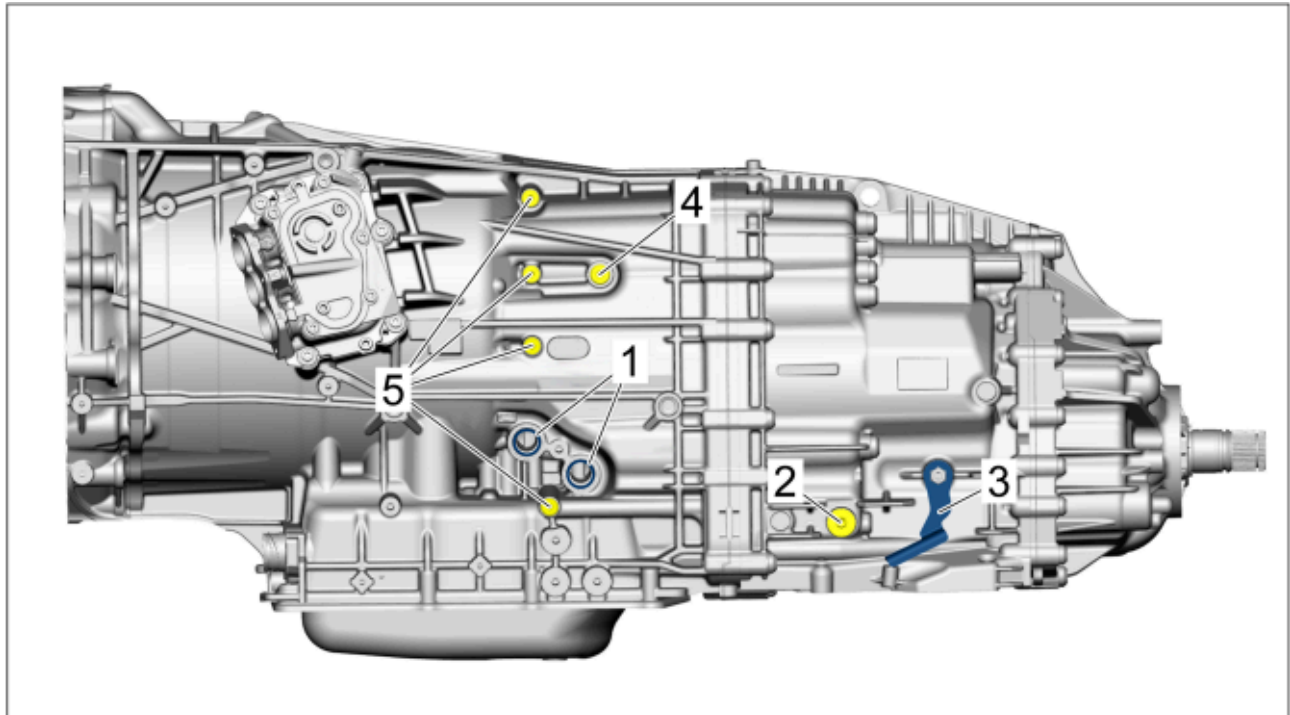
Information

- Oil leakage must be clearly identifiable and reproducible.
 - Engine oil and coolant must reach operating temperature during a test drive.
- 1 Document the original complaint condition with meaningful photos.
 - 2 Attach documentation to PCSS line.
 - 3 Clean the transmission thoroughly.

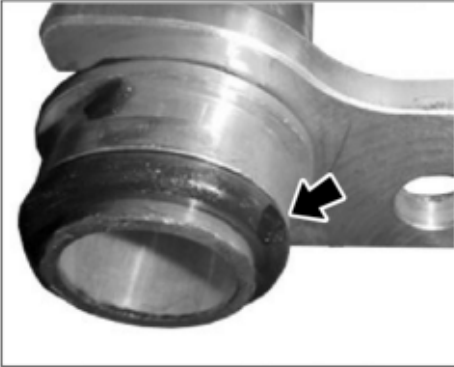


**Information**

In the event of a complaint regarding oil leakages, the Porsche double-clutch transmission must be thoroughly cleaned, including the transition between the oil pan and transmission, using a suitable cleaning agent. Thereafter, both the transmission and the oil pan must be blown off with compressed air and dried before leakage detection spray is applied to the suspected leakage point.

- 4 Spray large areas of the double-clutch transmission with SpotCheck around the suspected leakage points.
- 5 Perform a test drive.
- 6 Review the double-clutch transmission for leaks and locate the leak.
- 7 Produce photo documentation of the leakage point located using SpotCheck.
- 8 Attach documentation to PCSS line.

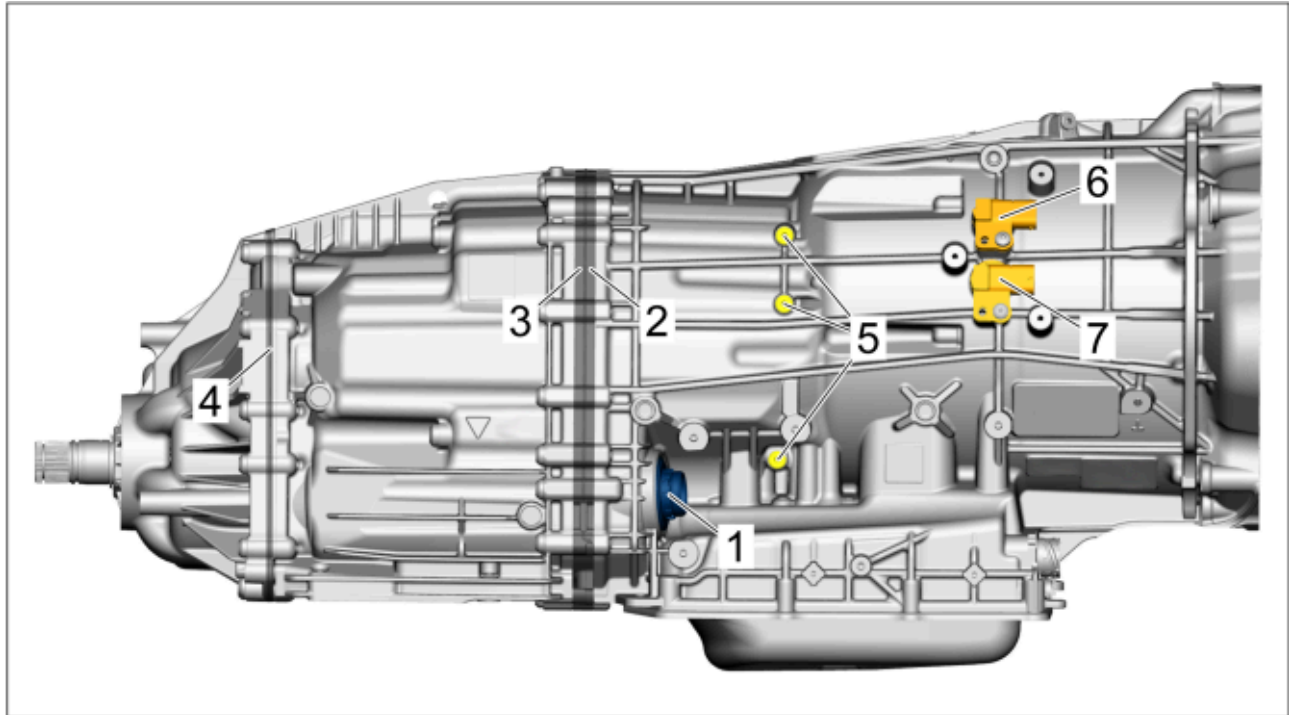
Leaks on left side of transmission

Left side of transmission


Position	Leak area	Possible cause(s)	Repair measure
<p>⇒ Left side of transmission -1-</p>	<p>ATF cooler connections</p>	<p>Sealing ring damaged:</p>  <p>ATF cooler sealing ring</p>	<p>Replace sealing ring on ATF cooling line. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing sealing ring on ATF cooling line'</p>
		<p>Line corroded or crimping damaged:</p>  <p>ATF cooling line - corroded</p>	<p>Replace ATF cooling line. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing ATF cooling line'</p>
		 <p>ATF cooling line - crimping damaged</p>	


⇒ Left side of transmission -2-	Filler screw	Screw loose	Check that it is installed securely.
		Sealing ring damaged	Check that it is installed securely. Replace filling screw if necessary. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing screw plug'
⇒ Left side of transmission -3-	Parking lock	Sealing ring damaged	Replace parking lock sealing ring. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing parking lock sealing ring'
⇒ Left side of transmission -4-	Screw plug	Screw loose	Check that it is installed securely.
		Sealing ring damaged	Check that it is installed securely. Replace screw plug if necessary. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing screw plug'
⇒ Left side of transmission -5-	Screw plug	Screw loose	Check that it is installed securely. Replace screw plug if necessary.
		Sealing ring damaged	For work procedure, see: ⇒ <i>Technical Information</i> 'Replace screw plug'

Leaks on right side of transmission



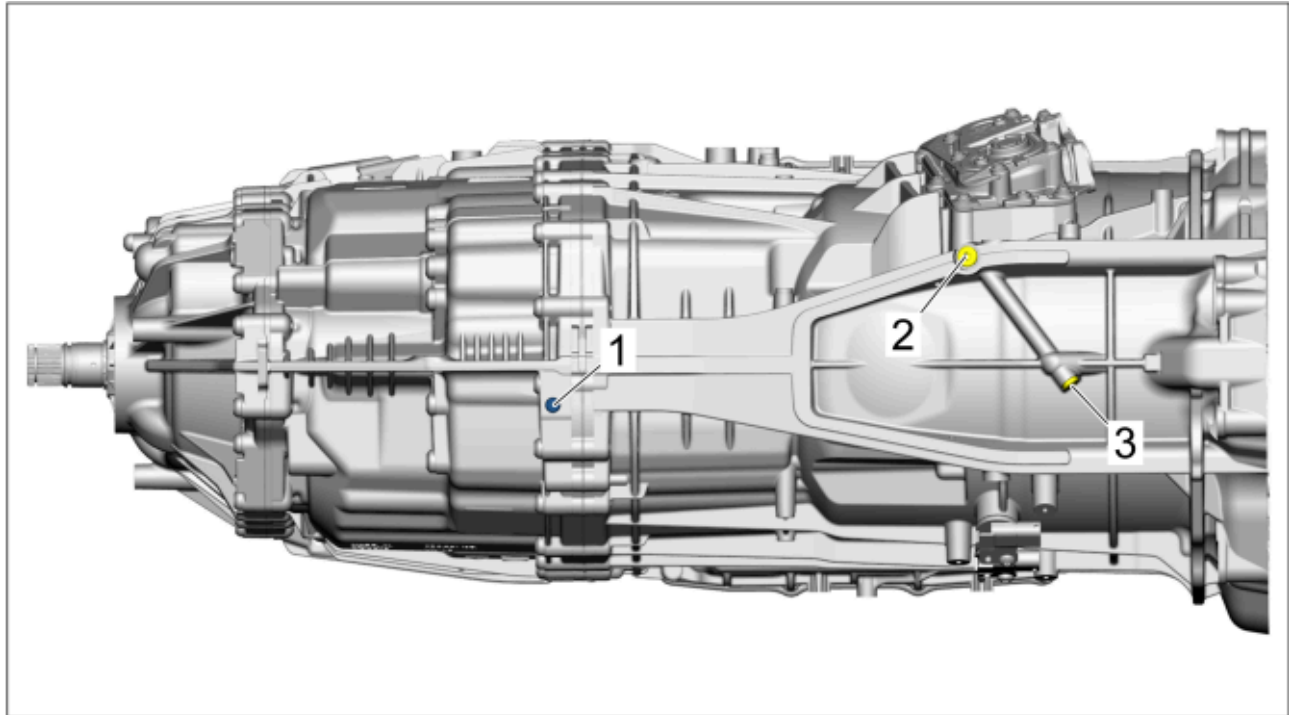
Right side of transmission

Position	Oil leakage	Possible cause(s)	Repair measure
<p>⇒ Right side of transmission -1-</p>	<p>Front output shaft</p>	<p>Sealing ring damaged:</p>  <p>Output shaft sealing ring</p>	<p>Replace sealing ring for front output shaft. For work procedure, see: ⇒ Technical Information 'Replacing sealing ring for front output shaft'</p>
		<p>O-rings damaged:</p>	

		 <p>Output shaft O-rings</p>	
		Connecting shaft damaged	<p>Check connecting shaft and replace if necessary. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing connection shaft'</p>
		Cap damaged (2WD)	<p>Replace cap at transmission output. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing transmission output cap'</p>
⇒ Right side of transmission -2-	Transmission housing	Screw loose	<p>Check that it is installed securely.</p>
		Seal damaged	<p>Replace double clutch transmission. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing double clutch transmission'</p>
⇒ Right side of transmission -3-	Transmission housing	Screw loose	<p>Check that it is installed securely.</p>
		Seal damaged	<p>Replace double clutch transmission. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing double clutch transmission'</p>

⇒ Right side of transmission -4-	Transmission housing	Screw loose	Check that it is installed securely.
		Seal damaged	Replace double clutch transmission. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing double clutch transmission'
⇒ Right side of transmission -5-	Screw plug	Screw loose	Check that it is installed securely. Replace screw plug if necessary. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing screw plug'
		Sealing ring damaged	
⇒ Right side of transmission -6-	Connecting element NTC sensor	Screw loose	Check screw connection. If necessary, replace the NTC sensor connection element. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing connecting elements'
		Connecting element damaged	
⇒ Right side of transmission -7-	Connecting element RLS sensor	Screw loose	Check screw connection. If necessary, replace connecting element for RLS sensor. For work procedure, see: ⇒ <i>Technical Information</i> 'Replacing connecting elements'
		Connecting element damaged	

Leaks on upper transmission side



Upper transmission side

Position	Oil leakage	Cause	Repair measure
⇒ Upper transmission side -1-	Hydraulic space bleeder	Oil over-filled	Check and top up ATF. For work procedure, see: ⇒ <i>Technical Information 'Checking and topping up ATF'</i>
		Insufficient defoamer	Replace ATF. For work procedure, see: ⇒ <i>Technical Information 'Replacing ATF'</i>
		Breather defective	Replace hydraulic chamber breather. For work procedure, see: ⇒ <i>Technical Information 'Replacing hydraulic chamber breather'</i>
⇒ Upper transmission side -2-	Screw plug	Screw loose	Check that it is installed securely. Replace screw plug if necessary.
		Sealing ring damaged	
⇒ Upper transmission side -3-	Screw plug	Screw loose	Check that it is installed securely. Replace screw plug if necessary.
		Sealing ring damaged	

Leaks on lower side of transmission**Information**

If oil has leaked into the ATF pan, proceed as follows in case there is a complaint:

- Check secure install of accessible screw connections on the ATF pan with the specified tightening torque and tighten them correctly if necessary.
- Clean the ATF pan area absolutely thoroughly, as oil leaking in under the ATF pan seal can lead to misinterpretation.
- An oily ATF pan can also be caused by oil migrating from the oil line screw connection. In the rarest of cases, the oil pan seal is the cause.
- The oil pan is very often diagnosed as leaking, because oil collects in the joint between the oil pan and the sealing surface due to capillary action (particularly at threading).

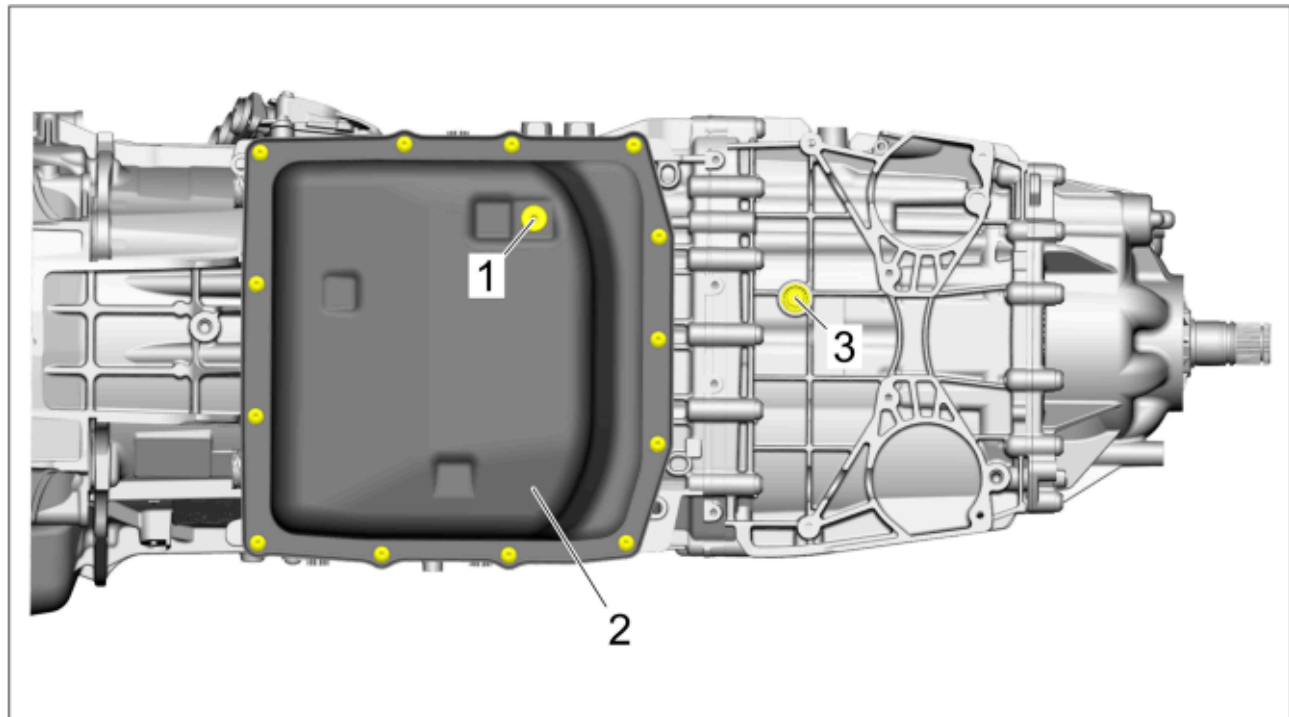
**Information**

If the oil leakage has spread so much that the oil pan is also oily, as shown, proceed as follows in case there is a complaint:

- Ensure that the accessible oil pan screws are tightened to the specified torque; tighten them, if necessary.
- Before carrying out any further work, the entire transmission must be thoroughly cleaned in the areas of oil leakages/oil contamination and sprayed with SpotCheck.
- Clean the transmission oil pan area absolutely thoroughly. An oil pan seal leak can lead to misinterpretation. Thereafter, perform a test drive.
- **After the test drive, review the transmission for oil leakages below.**



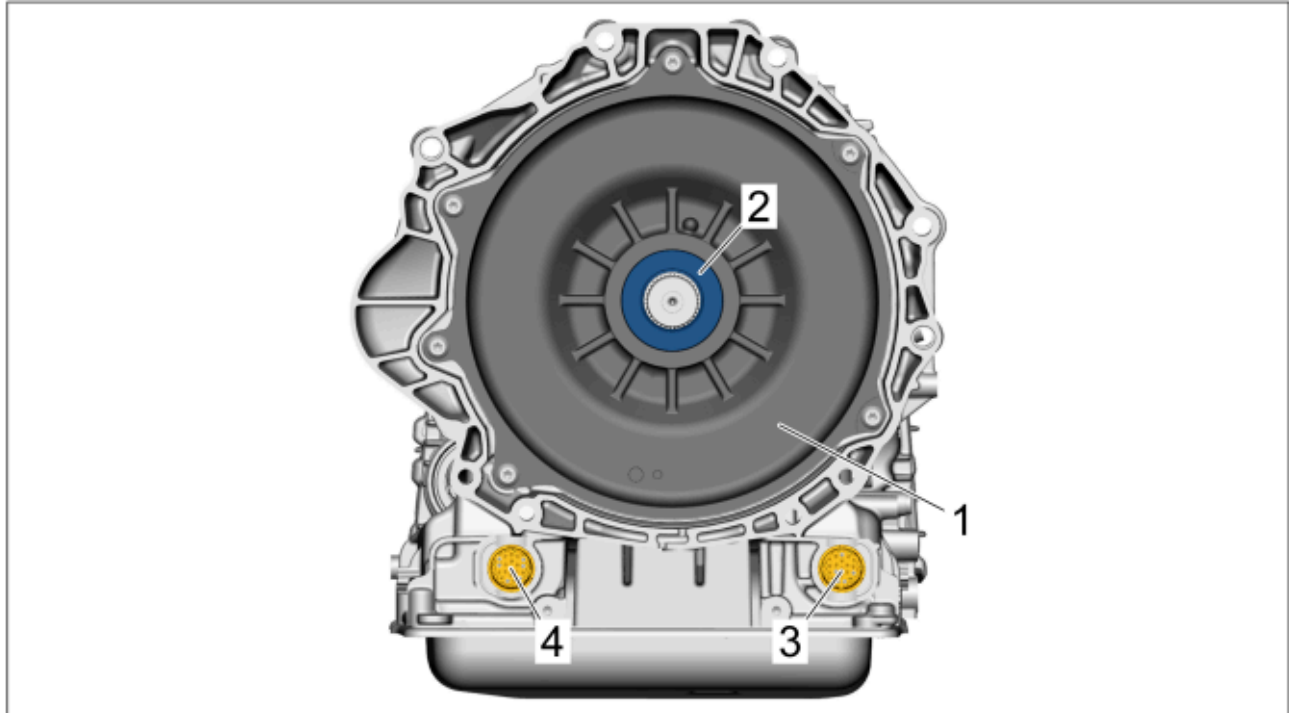
ATF oil pan



Lower side of transmission

Position	Oil leakage	Cause	Repair measure
⇒ Lower side of transmission -1-	Oil drain plug	Screw loose	Check that it is installed securely. Replace oil drain screw if necessary. For work procedure, see: ⇒ <i>Technical Information 'Replacing ATF pan'</i>
		Sealing ring damaged	
⇒ Lower side of transmission -2-	ATF pan	Screws loose	Check that it is installed securely. Replace screws on the ATF pan if necessary. Replace ATF pan. For work procedure, see: ⇒ <i>Technical Information 'Replacing ATF pan'</i>
		Seal damaged	
⇒ Lower side of transmission -3-	Oil inspection plug	Screw loose	Check that it is installed securely. If necessary, replace lifting tube and oil inspection plug. For work procedure, see: ⇒ <i>Technical Information 'Replacing lifting tube and oil inspection plug'</i>
		Lifting tube loose	

Leaks on front side of transmission



Front side of transmission

Position	Oil leakage	Cause	Repair measure
⇒ Front side of transmission -1-	Clutch bell-housing, clutch cover	Apparent assembly grease leak	No action required.
		Grease leak on dual-mass flywheel	Assess dual-mass flywheel. For work procedure, see: ⇒ <i>Technical Information 'Assessment of dual-mass flywheel (DMF) on vehicles with PDK (11/14)'</i>
		Engine leaking	Find oil leakages and fix them.
		Clutch cover O-ring damaged	Replace double clutch transmission. For work procedure, see: ⇒ <i>Technical Information 'Replacing double clutch transmission'</i>
⇒ Front side of transmission -2-	Clutch cover	Radial shaft seal on clutch cover damaged	Replace the radial shaft seal. For work procedure, see: ⇒ <i>Technical Information 'Replacing radial shaft sealing ring'</i>

⇒ Front side of transmission -3-	Central connector on the left	Connector leaking	Replace wire harness in transmission. For work procedure, see: ⇒ <i>Technical Information 'Replacing wire harness in transmission'</i>
⇒ Front side of transmission -4-	Central connector on the right	Connector leaking	Replace wire harness in transmission (clutch).

Leaks on rear side of transmission



Rear side of transmission

Position	Oil leakage	Cause	Repair measure
⇒ Rear side of transmission -1-	Rear-axle shaft	Shaft sealing ring damaged	Replace rear axle shaft sealing ring. For work procedure, see: ⇒ <i>Technical Information 'Replacing rear axle shaft sealing ring'</i>

Replace sealing ring on ATF cooling line

- Work Procedure: 1 Replace sealing ring on ATF cooling line.
 For work procedure, see:
 ⇒ *Workshop Manual '386219 Removing and installing line for ATF cooling'*
or
 ⇒ *Workshop Manual '386219 Remove and install line for ATF cooling (hybrid)'*
- 2 Check and top up ATF.
 ⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts: **Required parts:**

Part No.	Designation – Location of use	Quantity
9A700819800	⇒ O-ring – Line for ATF cooling	2 pieces
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece
PAF008973		

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.381 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
38624940	Rework ATF line (V6 base)	
38624941	Rework ATF line (V6 PHEV)	
38624945	Rework ATF line (V8 PHEV)	

PCSS encryption:

Location (FES5)	38620	ATF cooling line
Damage type (SA4)	1521	Crack/tear

Replacing ATF cooling line

Work Procedure: 1 Replace ATF cooling line.
⇒ *Workshop Manual '386219 Removing and installing line for ATF cooling (rear section)'*

or

⇒ *Workshop Manual '386219 Remove and install line for ATF cooling (hybrid)'*

2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
PAE317760A	⇒ Oil pressure line for transmission oil cooling – ATF cooling	1 piece
9A700819800	⇒ O-ring – Line for ATF cooling	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF.	1 piece

Material:

Required materials (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.381 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
38625540	Replace ATF line (V6 base)	

APOS	Labor operation	I No.
38625541	Replace ATF line (V6 PHEV)	
38625545	Replace ATF line (V8 PHEV)	

PCSS encryption:

Location (FES5)	38620	ATF cooling line
Damage type (SA4)	1521	Crack/tear

Replacing screw plug

- Work Procedure: 1 Replace screw plug and tighten to **Tightening torque 8 Nm (5.9 ftlb.)**.
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A700852600	⇒ Screw plug – Transmission housing	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material:

Required materials (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.381 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Check the double clutch transmission	
37340141	Check double-clutch transmission (check filler screw secure install)	

APOS	Labor operation	I No.
37344941	Rework double-clutch transmission (replace filling screw)	
37344942	Rework double-clutch transmission (replace screw plug)	
37345043	Rework double-clutch transmission (replace all screw plugs on the left)	
37345044	Rework double-clutch transmission (replace all screw plugs on the right)	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	5071	Oil consumption too high

Replacing connecting elements

- Work Procedure: 1 Replace connecting elements.
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A7907226	⇒ Connecting piece – NTC-Sensor	1 piece
or		
9A7907226A	⇒ Connecting piece – RLS-Sensor	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.381 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
XXX	Replacing connecting elements	
37023550	Checking and topping up ATF	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	5071	Oil consumption too high

Replacing parking lock sealing ring

- Work Procedure: 1 Replace parking lock sealing ring.
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A700851800	⇒ Shaft seal	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material:

Required materials (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.381 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
38744940	Rework parking lock (replace parking lock sealing ring)	
37023540	Checking and topping up ATF	

PCSS encryption:

Location (FES5)	38740	Parking lock
Damage type (SA4)	1711	sluggish, jammed, too little play

Replace sealing ring for front output shaft

- Work Procedure: 1 Replace sealing ring for front output shaft.
⇒ *Workshop Manual '387055 Replace sealing ring for front output shaft'*
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A730145700	⇒ Shaft seal – Transmission output	1 piece
9A700851900	⇒ Cover ring – Transmission output	1 piece
N 90576501	⇒ O-ring – Connecting shaft	2 pieces
9A700839600	⇒ Hexagon-head bolt – Transmission	5 pieces
N 91153202	⇒ 12-point bolt – Transmission	4 pieces
WHT004955A	⇒ Hex socket head screw – Universal joint	1 piece
N 10714101	⇒ Hexagon flange bolt – Door sill strut	2 pieces
N 91244301	⇒ Hexagon-head bolt with hex socket head – Door sill strut	2 pieces
N 91006202	⇒ Hexagon-head bolt – Anti-roll bar	4 pieces
9A700489400	⇒ O-ring – Rear cardan shaft	1 piece
9A752572202	⇒ Circlip – Rear cardan shaft	1 piece

WHT005156	⇒ O-ring – Rear cardan shaft	1 piece
9A750730100	⇒ Circlip – Rear cardan shaft	1 piece
99904903240	⇒ Hexagon-head plastic collar nut – Rear underbody cover	4 pieces
9A700819800	⇒ O-ring – Line for ATF cooling	2 pieces
9A700852600	⇒ Screw plug – Check and top up ATF.	1 piece
N 10664503	⇒ Hexagon-head bolt – Dome strut	2 pieces
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head – Dome strut	2 pieces
PAF912696	⇒ Hexagon nut – Dome strut	2 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head – Dome strut	2 pieces
N 91259801	⇒ Round head screw – Anti-roll bar mounting	2 pieces
N 10609207	⇒ Hexagon collar nut – Anti-roll bar mounting	2 pieces
N 10629602	⇒ Hexagon-head bolt – Anti-roll bar mounting	4 pieces
N 91243701	⇒ Hexagon-head bolt with hex socket head – Anti-roll bar mounting	3 pieces
N 10793603	⇒ Hexagon-head bolt – Anti-roll bar	2 pieces
	or	
N 10702302	⇒ Hexagon-head bolt – Anti-roll bar (PDCC)	2 pieces

Additional parts required (V6 biturbo):

Part No.	Designation – Location of use	Quantity
PAE253725A	⇒ Clamp – Primary catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces

N 10784702	⇒ Hexagon flange bolt – Power steering gear	2 pieces
PAF104029	⇒ Hexagon collar nut – Power steering gear	2 pieces
9A700499500	⇒ Hexagon nut – Power steering gear	2 pieces
N 91130801	⇒ Hexagon collar nut, self-locking – Catalytic converter	6 piece(s)
95811111300	⇒ Seal – Catalytic converter	2 pieces
976253725A	⇒ Clamp – Catalytic converter	2 pieces

Additional parts required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
WHT005819	⇒ Hexagon collar nut – Upper wishbone	2 pieces
PAF107037	⇒ Hexagon-head bolt – Spring strut upper	6 piece(s)
N 91244301	⇒ Hexagon-head bolt with hex socket head – Front-axle carrier	6 piece(s)
PAF004571	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK0, 1LR, 1LS, FM0, OJ2) – Front brake calliper	4 pieces
	or	
PAF004572	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK3, 1LR, 1LS, 1ZX, 1ZY, 1LQ, 1LX, FM0, FM6, OJ3, OJ5) – Front brake calliper	4 pieces
012409413	⇒ Snap ring (M-no. 1X1) – All-wheel final drive input flange	1 piece

95511110830 ⇒ Clamp
– Catalytic converter 2 pieces

971253115B ⇒ Seal
– Primary catalytic converter 2 pieces

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004330586	⇒ Mounting paste – All-wheel final drive input flange	10 g / 0.35 oz tube ¹⁾
00004321044	⇒ Transmission oil – Check and top up ATF.	1-liter / 33.81 fl oz container ²⁾

¹⁾ approx. 2 grams / 0.07 oz required per vehicle

²⁾ approx. 0.1 / 3.381 fl oz liter required per vehicle

Additional materials required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
00004320593	⇒ Lubricant – Cooling system O-rings	100g / 3.53 oz tube ¹⁾
00004330516	⇒ Coolant additive	20-liter / 5.28 gal container ²⁾

¹⁾ approx. 10 grams / 0.35 oz required per vehicle

²⁾ approx. 0.5 liter / 16.90 fl oz required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
38705540	Replacing front output shaft sealing ring	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	5071	Oil consumption too high

Replacing connecting shaft

- Work Procedure: 1 Replace connecting shaft.
For work procedure, see: ⇒ *Workshop Manual '387055 Replacing sealing ring for front output shaft'*
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts:

Required parts:

Part No.	Designation	Quantity
	– Location of use	
9A730720300	⇒ Connecting shaft	1 piece
9A730145700	⇒ Shaft seal	1 piece
	– Transmission output	
9A700851900	⇒ Cover ring	1 piece
	– Transmission output	
N 90576501	⇒ O-ring	2 pieces
	– Connecting shaft	
9A700839600	⇒ Hexagon-head bolt	5 pieces
	– Transmission	
N 91153202	⇒ 12-point bolt	4 pieces
	– Transmission	
WHT004955A	⇒ Hex socket head screw	1 piece
	– Universal joint	
N 10714101	⇒ Hexagon flange bolt	2 pieces
	– Door sill strut	
N 91244301	⇒ Hexagon-head bolt with hex socket head	2 pieces
	– Door sill strut	
N 91006202	⇒ Hexagon-head bolt	4 pieces
	– Anti-roll bar	
9A700489400	⇒ O-ring	1 piece
	– Rear cardan shaft	
9A752572202	⇒ Circlip	1 piece
	– Rear cardan shaft	
WHT005156	⇒ O-ring	1 piece
	– Rear cardan shaft	
9A750730100	⇒ Circlip	1 piece
	– Rear cardan shaft	
99904903240	⇒ Hexagon-head plastic collar nut	4 pieces
	– Rear underbody cover	

9A700819800	⇒ O-ring – Line for ATF cooling	2 pieces
9A700852600	⇒ Screw plug – Check and top up ATF.	1 piece
N 10664503	⇒ Hexagon-head bolt – Dome strut	2 pieces
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head – Dome strut	2 pieces
PAF912696	⇒ Hexagon nut – Dome strut	2 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head – Dome strut	2 pieces
N 91259801	⇒ Round head screw – Anti-roll bar mounting	2 pieces
N 10609207	⇒ Hexagon collar nut – Anti-roll bar mounting	2 pieces
N 10629602	⇒ Hexagon-head bolt – Anti-roll bar mounting	4 pieces
N 91243701	⇒ Hexagon-head bolt with hex socket head – Anti-roll bar mounting	3 pieces
N 10793603	⇒ Hexagon-head bolt – Anti-roll bar	2 pieces
	or	
N 10702302	⇒ Hexagon-head bolt – Anti-roll bar (PDCC)	2 pieces

Additionally required parts (V6 bi-turbo):

Part No.	Designation – Location of use	Quantity
PAE253725A	⇒ Clamp – Primary catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces
N 10784702	⇒ Hexagon flange bolt – Power steering gear	2 pieces
PAF104029	⇒ Hexagon collar nut – Power steering gear	2 pieces

9A700499500	⇒ Hexagon nut – Power steering gear	2 pieces
N 91130801	⇒ Hexagon collar nut, self-locking – Catalytic converter	6 piece(s)
95811111300	⇒ Seal – Catalytic converter	2 pieces
976253725A	⇒ Clamp – Catalytic converter	2 pieces

Additional parts required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
WHT005819	⇒ Hexagon collar nut – Upper wishbone	2 pieces
PAF107037	⇒ Hexagon-head bolt – Spring strut upper	6 piece(s)
N 91244301	⇒ Hexagon-head bolt with hex socket head – Front-axle carrier	6 piece(s)
PAF004571	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK0, 1LR, 1LS, FM0, OJ2) – Front brake calliper	4 piece(s)
	or	
PAF004572	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK3, 1LR, 1LS, 1ZX, 1ZY, 1LQ, 1LX, FM0, FM6, OJ3, OJ5) – Front brake calliper	4 piece(s)
012409413	⇒ Snap ring (M-no. 1X1) – All-wheel drive input flange	1 piece
95511110830	⇒ Clamp – Catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004330586	⇒ Mounting paste – All-wheel final drive input flange	10 g / 0.35 oz tube ¹⁾
00004321044	⇒ Transmission oil – Check and top up ATF.	1-liter / 33.81 fl oz container ²⁾

¹⁾ approx. 2 grams / 0.07 oz required per vehicle

²⁾ approx. 0.1 liter / 3.38 fl oz required per vehicle

Additional materials required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
00004320593	⇒ Lubricant – Cooling system O-rings	100g / 3.53 oz tube ¹⁾
00004330516	⇒ Coolant additive	20-liter / 5.28 gal container ²⁾

¹⁾ approx. 10 grams / 0.35 required per vehicle

²⁾ approx. 0.5 liter / 16.90 fl oz required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
38625540	Replace ATF line (V6 base)	
38625541	Replace ATF line (V6 PHEV)	
38625545	Replace ATF line (V8 PHEV)	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	5071	Oil consumption too high

Replacing cap at transmission output

Work Procedure: 1 Replace cap at transmission output.

- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A732107300	⇒ Cap – Transmission output	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material:

Required materials (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.38 fl oz are required per vehicle

Labor position
and PCSS
encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
37495540	Replace cap	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	5071	Oil consumption too high

Replace double clutch transmission

- Work Procedure: 1 Replace double clutch transmission.
⇒ *Workshop Manual '373455 Replacing double clutch transmission'*
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A700839600	⇒ Hexagon-head bolt – Transmission	5 pieces
N 91153202	⇒ 12-point bolt – Transmission	4 pieces
WHT004955A	⇒ Hex socket head screw – Universal joint	1 piece
N 10714101	⇒ Hexagon flange bolt – Door sill strut	2 pieces
N 91244301	⇒ Hexagon-head bolt with hex socket head – Door sill strut	2 pieces
N 91006202	⇒ Hexagon-head bolt – Anti-roll bar	4 pieces
9A700489400	⇒ O-ring – Rear cardan shaft	1 piece
9A752572202	⇒ Circlip – Rear cardan shaft	1 piece
WHT005156	⇒ O-ring – Rear cardan shaft	1 piece
9A750730100	⇒ Circlip – Rear cardan shaft	1 piece
99904903240	⇒ Hexagon-head plastic collar nut – Rear underbody cover	4 pieces
9A700819800	⇒ O-ring – Line for ATF cooling	2 pieces
9A700852600	⇒ Screw plug – Check and top up ATF.	1 piece
N 10664503	⇒ Hexagon-head bolt – Dome strut	2 pieces
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head – Dome strut	2 pieces
PAF912696	⇒ Hexagon nut – Dome strut	2 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head – Dome strut	2 pieces
N 91259801	⇒ Round head screw – Anti-roll bar mounting	2 pieces
N 10609207	⇒ Hexagon collar nut – Anti-roll bar mounting	2 pieces
N 10629602	⇒ Hexagon-head bolt – Anti-roll bar mounting	4 pieces

N 91243701	⇒ Hexagon-head bolt with hex socket head – Anti-roll bar mounting	3 pieces
N 10793603	⇒ Hexagon-head bolt – Anti-roll bar	2 pieces
	or	
N 10702302	⇒ Hexagon-head bolt – Anti-roll bar (PDCC)	2 pieces

Additionally required parts for vehicles with hybrid drive system (M-no. 0K3):

Part No.	Designation – Location of use	Quantity
PAE301580	⇒ Moulded seal – High-voltage connection housing	1 piece
N 91168701	⇒ Internal hexagon round flange screw – High-voltage connection housing	5 piece(s)
PAE301180	⇒ Cover with seal – High-voltage connection housing	1 piece
976971013	⇒ Electric motor wire harness	1 piece
976971015	⇒ High-voltage line for high-voltage battery – Vehicles with a short wheelbase (M-No. OE1)	1 piece
	or	
976971015A	⇒ High-voltage line for high-voltage battery – Vehicles with a long wheelbase (M-No. OE2)	1 piece

Additionally required parts (V6 bi-turbo):

Part No.	Designation – Location of use	Quantity
PAE253725A	⇒ Clamp – Primary catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces
N 10784702	⇒ Hexagon flange bolt – Power steering gear	2 pieces
PAF104029	⇒ Hexagon collar nut – Power steering gear	2 pieces
9A700499500	⇒ Hexagon nut – Power steering gear	2 pieces
N 91130801	⇒ Hexagon collar nut, self-locking – Catalytic converter	6 piece(s)

95811111300	⇒ Seal – Catalytic converter	2 pieces
976253725A	⇒ Clamp – Catalytic converter	2 pieces

Additional parts required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
WHT005819	⇒ Hexagon collar nut – Upper wishbone	2 pieces
PAF107037	⇒ Hexagon-head bolt – Spring strut upper	6 piece(s)
N 91244301	⇒ Hexagon-head bolt with hex socket head – Front-axle carrier	6 piece(s)
PAF004571	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK0, 1LR, 1LS, FM0, OJ2) – Front brake calliper	4 piece(s)
	or	
PAF004572	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK3, 1LR, 1LS, 1ZX, 1ZY, 1LQ, 1LX, FM0, FM6, OJ3, OJ5) – Front brake calliper	4 piece(s)
012409413	⇒ Snap ring (M-no. 1X1) – All-wheel drive input flange	1 piece
95511110830	⇒ Clamp – Catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004330586	⇒ Assembly paste (I-no. 1X1) – All-wheel final drive input flange	10 g / 0.35 tube ¹⁾

00004320593	⇒ Lubricant – Cooling system O-rings	100 g / 3.53 oz tube ²⁾
00004330516	⇒ Coolant additive	20-liter / 5.28 gal container ³⁾
00004321044	⇒ Transmission oil – Check and top up ATF.	1-liter / 33.81 fl oz container ⁴⁾

¹⁾ approx. 2 grams / 0.07 oz required per vehicle

²⁾ approx. 10 grams / 0.35 oz required per vehicle

³⁾ approx. 0.5 liter / 16.90 fl oz required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
37345540	Replace double clutch transmission (V6 base 2 WD)	
37345541	Replace double clutch transmission (V6 base 4 WD)	
37345542	Replace double clutch transmission (V6 PHEV)	
37345543	Replace double clutch transmission (V8 PHEV)	

PCSS encryption:

Location (FES5)	30490	Double clutch
Damage type (SA4)	5041	Oil/grease leaking

Check and top up ATF.

Work Procedure: 1 Check and top up ATF.
⇒ Workshop Manual '370235 Check and top up ATF.'

Parts:	Required parts:		
	Part No.	Designation	Quantity
	9A700852600	– Location of use ⇒ Screw plug – Check and top up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.38 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37023540	Checking and topping up ATF	

PCSS encryption:

Location (FES5)	37020	ATF
Damage type (SA4)	3017	Traces of oil/grease/wax

Replace ATF

Work Procedure: 1 Replace ATF.
⇒ *Workshop Manual '370255 Replacing ATF'*

Parts: **Required parts:**

Part No.	Designation – Location of use	Quantity
PAF008973	⇒ Screw plug with sealing ring – ATF pan	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Replace ATF	20-liter / 5.28 gal container ¹⁾

¹⁾ approx. 6 liters / 1.59 gal required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37025540	Replacing ATF	

PCSS encryption:

Location (FES5)	37020	ATF
Damage type (SA4)	3017	Traces of oil/grease/wax

or

Location (FES5)	37550	ATF pan
Damage type (SA4)	1817	loose

Replace hydraulic chamber breather

- Work Procedure: 1 Replace hydraulic chamber breather.
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A732121100	⇒ Bleed tube – Upper transmission side	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material:

Required materials (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF	20-liter / 5.28 gal container ¹⁾

¹⁾ approx. 0.1 liter / 3.38 fl oz are required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Check the double clutch transmission	
37023550	Checking and topping up ATF	

PCSS encryption:

Location (FES5)	37020	ATF
Damage type (SA4)	3017	Traces of oil/grease/wax

Replacing ATF pan

Work Procedure: 1 Replace ATF pan.
For work procedure, see: ⇒ *Workshop Manual '375519 Removing and installing ATF pan'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A731716500	⇒ Transmission oil pan (ATF pan)	1 piece
9A731707000	⇒ Seal – ATF pan	1 piece
9A700855200	⇒ Round head screw – ATF pan	13 piece(s)
PAF008973	⇒ Screw plug with sealing ring – ATF pan	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Replace ATF	20-liter / 5.28 gal container ¹⁾

¹⁾ approx. 6 liters / 1.59 gal required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Check the double clutch transmission	
37554940	Rework ATF pan	
37551940	Remove and install ATF pan (V6 base)	
37551941	Remove and install ATF pan (V6 PHEV and V8 PHEV)	

PCSS encryption:

Location (FES5)	37550	ATF pan
Damage type (SA4)	1817	loose

Replacing lifting tube and oil inspection plug

- Work Procedure:
- 1 Replace oil drain plug.
For work procedure, see: ⇒ *Workshop Manual '370255 Replacing ATF'*
 - 2 Replace lifting tube and tighten to **Tightening torque 27 Nm (19.9 ftlb.)**.
 - 3 Replace oil inspection plug.
For work procedure, see: ⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A7321475	⇒ Oil pipe (M-no. OK0) – Check and top up ATF	1 piece
	or	
9A7321475A	⇒ Oil pipe – Check and top up ATF	1 piece
PAF008973	⇒ Screw plug with sealing ring – ATF pan	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Replace ATF	6 piece(s) 1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 6 liters / 1.59 gal required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
37554941	Rework ATF pan	

PCSS encryption:

Location (FES5)	37020	ATF
Damage type (SA4)	3017	Traces of oil/grease/wax

Replacing the radial shaft seal

- Work Procedure: 1 Replace the radial shaft seal.
⇒ *Workshop Manual '386955 Replacing the radial shaft seal'*
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Check and top up ATF.'*

Parts: **Required parts:**

Part No.	Designation – Location of use	Quantity
9A714242600	⇒ Shaft seal – Transmission	1 piece
9A700839600	⇒ Hexagon-head bolt – Transmission	5 pieces
N 91153202	⇒ 12-point bolt – Transmission	4 pieces
WHT004955A	⇒ Hex socket head screw – Universal joint	1 piece
N 10714101	⇒ Hexagon flange bolt – Door sill strut	2 pieces

N 91244301	⇒ Hexagon-head bolt with hex socket head – Door sill strut	2 pieces
N 91006202	⇒ Hexagon-head bolt – Anti-roll bar	4 pieces
9A700489400	⇒ O-ring – Rear cardan shaft	1 piece
9A752572202	⇒ Circlip – Rear cardan shaft	1 piece
WHT005156	⇒ O-ring – Rear cardan shaft	1 piece
9A750730100	⇒ Circlip – Rear cardan shaft	1 piece
99904903240	⇒ Hexagon-head plastic collar nut – Rear underbody cover	4 pieces
9A700819800	⇒ O-ring – Line for ATF cooling	2 pieces
9A700852600	⇒ Screw plug – Check and top up ATF.	1 piece
N 10664503	⇒ Hexagon-head bolt – Dome strut	2 pieces
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head – Dome strut	2 pieces
PAF912696	⇒ Hexagon nut – Dome strut	2 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head – Dome strut	2 pieces
N 91259801	⇒ Round head screw – Anti-roll bar mounting	2 pieces
N 10609207	⇒ Hexagon collar nut – Anti-roll bar mounting	2 pieces
N 10629602	⇒ Hexagon-head bolt – Anti-roll bar mounting	4 pieces
N 91243701	⇒ Hexagon-head bolt with hex socket head – Anti-roll bar mounting	3 pieces
N 10793603	⇒ Hexagon-head bolt – Anti-roll bar	2 pieces
	or	
N 10702302	⇒ Hexagon-head bolt – Anti-roll bar (PDCC)	2 pieces

Additionally required parts (V6 bi-turbo):

Part No.	Designation – Location of use	Quantity
PAE253725A	⇒ Clamp – Primary catalytic converter	2 pieces
971253115B	⇒ Seal – Primary catalytic converter	2 pieces
N 10784702	⇒ Hexagon flange bolt – Power steering gear	2 pieces
PAF104029	⇒ Hexagon collar nut – Power steering gear	2 pieces
9A700499500	⇒ Hexagon nut – Power steering gear	2 pieces
N 91130801	⇒ Hexagon collar nut, self-locking – Catalytic converter	6 piece(s)
95811111300	⇒ Seal – Catalytic converter	2 pieces
976253725A	⇒ Clamp – Catalytic converter	2 pieces

Additional parts required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
WHT005819	⇒ Hexagon collar nut – Upper wishbone	2 pieces
PAF107037	⇒ Hexagon-head bolt – Spring strut upper	6 piece(s)
N 91244301	⇒ Hexagon-head bolt with hex socket head – Front-axle carrier	6 piece(s)
PAF004571	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK0, 1LR, 1LS, FM0, OJ2) – Front brake calliper	4 piece(s)
	or	
PAF004572	⇒ Cylinder head bolt with multiple-tooth head (M-no. OK3, 1LR, 1LS, 1ZX, 1ZY, 1LQ, 1LX, FM0, FM6, OJ3, OJ5) – Front brake calliper	4 piece(s)
012409413	⇒ Snap ring (M-no. 1X1) – All-wheel drive input flange	1 piece

95511110830 ⇒ Clamp
– Catalytic converter 2 pieces

971253115B ⇒ Seal
– Primary catalytic converter 2 pieces

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Check and top up ATF.	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.38 fl oz required per vehicle

Additional materials required (V8 biturbo):

Part No.	Designation – Location of use	Quantity
00004330586	⇒ Assembly paste (M-no. 1X1) – All-wheel final drive input flange	10 g / 0.35 oz tube ¹⁾
00004320593	⇒ Lubricant – Cooling system O-rings	100 g / 3.53 oz tube ²⁾
00004330516	⇒ Coolant additive	20-liter / 5.28 gal container ³⁾

¹⁾ approx. 2 grams / 0.07 oz required per vehicle

²⁾ approx. 10 grams / 0.35 oz required per vehicle

³⁾ approx. 0.5 liter / 16.90 fl oz required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
38695590	Replacing radial shaft seal	
37023550	Check and top up ATF.	

PCSS encryption:

Location (FES5)	30490	Double clutch
Damage type (SA4)	5041	Oil/grease leaking

Replacing wire harness in transmission

Work Procedure: 1 Replace wire harness in transmission.

For work procedure, see: ⇒ *Workshop Manual '381819 Removing and installing wire harness in transmission'*

Parts: **Required parts:**

Part No.	Designation	Quantity
	– Location of use	
9A7907998A	⇒ Wire harness (M-no. OK0) – Transmission plug housing, right	1 piece
	or	
9A7907998B	⇒ Wire harness (M-no. OK3) – Transmission plug housing, right	1 piece
9A731710000	⇒ Sealing ring – ATF filter	1 piece
9A731707000	⇒ Seal – ATF pan	1 piece
9A700855200	⇒ Round head screw – ATF pan	13 piece(s)
PAF008973	⇒ Screw plug with sealing ring – ATF pan	1 piece
9A700852600	⇒ Screw plug – Check and top up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation	Quantity
	– Location of use	
00004321044	⇒ Transmission oil – Replace ATF	20-liter / 5.28 gal container ¹⁾

¹⁾ approx. 6 liters / 1.59 gal required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Check the double clutch transmission	
38185540	Wire harness in transmission (V6 base 2 WD)	
38185541	Wire harness in transmission (V6 base 4 WD)	
38185542	Wire harness in transmission (V6 PHEV)	
38185543	Wire harness in transmission (V8 PHEV)	

PCSS encryption:

Location (FES5)	38180	Transmission wire harness
Damage type (SA4)	5000	leakages

Replace rear axle shaft sealing ring

- Work Procedure: 1 Replace sealing ring for cardan flange.
For work procedure, see: ⇒ *Workshop Manual '387055 Replacing sealing ring for output shaft'*
- 2 Check and top up ATF.
⇒ *Workshop Manual '370235 Checking and topping up ATF'*

Parts:

Required parts:

Part No.	Designation – Location of use	Quantity
9A730122710	⇒ Shaft seal – Cardan flange	1 piece
9A730122710	⇒ Dust boot – Cardan flange	1 piece
9A730715800	⇒ Circlip – Cardan flange	1 piece
9A700489400	⇒ O-ring – Rear cardan shaft	1 piece
9A752572202	⇒ Circlip – Rear cardan shaft	1 piece
WHT005156	⇒ O-ring – Rear cardan shaft	1 piece
9A750730100	⇒ Circlip – Rear cardan shaft	1 piece
99904903240	⇒ Hexagon-head plastic collar nut – Rear underbody cover	4 pieces
9A700852600	⇒ Screw plug – Checking and topping up ATF	1 piece

Material: **Required materials** (usually already available in the Porsche Center):

Part No.	Designation – Location of use	Quantity
00004321044	⇒ Transmission oil – Checking and topping up ATF	1-liter / 33.81 fl oz container ¹⁾

¹⁾ approx. 0.1 liter / 3.38 fl oz required per vehicle

Labor position and PCSS encryption: Labor position:

APOS	Labor operation	I No.
37340140	Checking the double clutch transmission	
39825540	Replace cardan flange sealing ring	

PCSS encryption:

Location (FES5)	38700	Output shaft seal
Damage type (SA4)	1521	Crack/tear

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2026 Porsche Cars North America, Inc.