

**Complaint - Oil Leakages on Double-Clutch Transmission (Porsche Doppelkupplung (PDK)): Observe Specified Procedure (88/20)**

**Modifications overview:**

Release	Date	Modification
1	09/08/2020	<ul style="list-style-type: none"> <li>▪ First publication</li> </ul>
2	01/29/2024	<ul style="list-style-type: none"> <li>▪ Update to order type</li> </ul>
3	02/16/2024	<ul style="list-style-type: none"> <li>▪ Information for Remedial Action and Work Procedure added</li> </ul>
4	05/09/2025	<ul style="list-style-type: none"> <li>▪ Equipment added</li> <li>▪ Order types added</li> <li>▪ Parts adjusted</li> <li>▪ Test sequence added</li> <li>▪ Parts added</li> <li>▪ Graphics adjusted</li> </ul>
5	08/20/2025	<ul style="list-style-type: none"> <li>▪ Updated to include part number 9P1321359 under 4A-4B and 19A-19B</li> </ul>
6	10/16/2025	<ul style="list-style-type: none"> <li>▪ Updated to include model year 2025</li> </ul>
7	03/31/2026	<ul style="list-style-type: none"> <li>▪ Order types added</li> <li>▪ Update to Labor positions</li> </ul>

Model Line: **911 (992)**

Model Year: **As of 2019 up to 2025**

Equipment: **8-speed automatic transmission (M-no. G1F)**  
**8-speed automatic transmission for all-wheel drive (M-no. G1G)**  
**8-speed automatic transmission (M-no. G1F) and lithium-ion battery (M-no. 0K1)**  
**8-speed automatic transmission for all-wheel drive (M-no. G1G) and lithium-ion battery (M-no. 0K1)**

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

Cause: Oil leakages on double-clutch transmission.

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

**Information**

In the complaint "Oil leakages on the Porsche Doppelkupplung (PDK)", the PDK oil pan is often incorrectly diagnosed as a component causing damage.

Component analyses have shown that the contested PDK oil pans have no defect and were wrongly replaced. Replacing the PDK oil pan is only justified if documentation is correct. A faulty exchange will result in the warranty claim being charged back.

Observe the general warranty guidelines and the documentation guidelines.

## Content:

- Preparatory work, see ⇒ *Technical Information 'Preparatory work'*
- Leaks in the area (right side of transmission), see ⇒ *Technical Information 'Leaks in the area (right side of transmission)'*
- Leaks in the area (left side of transmission), see ⇒ *Technical Information 'Leaks in the area (left side of transmission)'*
- Leaks in the area (upper side of transmission), see ⇒ *Technical Information 'Leaks in the area (upper side of transmission)'*
- Leaks in the area (lower side of transmission), see ⇒ *Technical Information 'Leaks in the area (lower side of transmission)'*
- Leaks in the area (rear side of transmission), see ⇒ *Technical Information 'Leaks in the area (rear side of transmission)'*
- Leaks in the area (front side of transmission), see ⇒ *Technical Information 'Leaks in the area (front side of transmission)'*
- Follow-up actions, see ⇒ *Technical Information 'Follow-up actions'*

**Preparatory work**Work  
Procedure:**Information**

- Oil leaks must be clearly identifiable and reproducible
  - Engine oil and coolant must have reached operating temperature during a test drive
  - If oil is leaking from the final drive or hydraulic chamber breather, disconnect both hoses to find the exact location of the leak
- 1 Remove rear cover, see ⇒ *Workshop Manual '519419 Removing and installing rear cover'*.
  - 2 Document the original complaint condition with meaningful photos.
  - 3 Attach documentation to PCSS line.
  - 4 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. Then both the transmission and the oil pan have to be blown off with compressed air and dried before leakage detection spray is applied to the suspected leakage point.

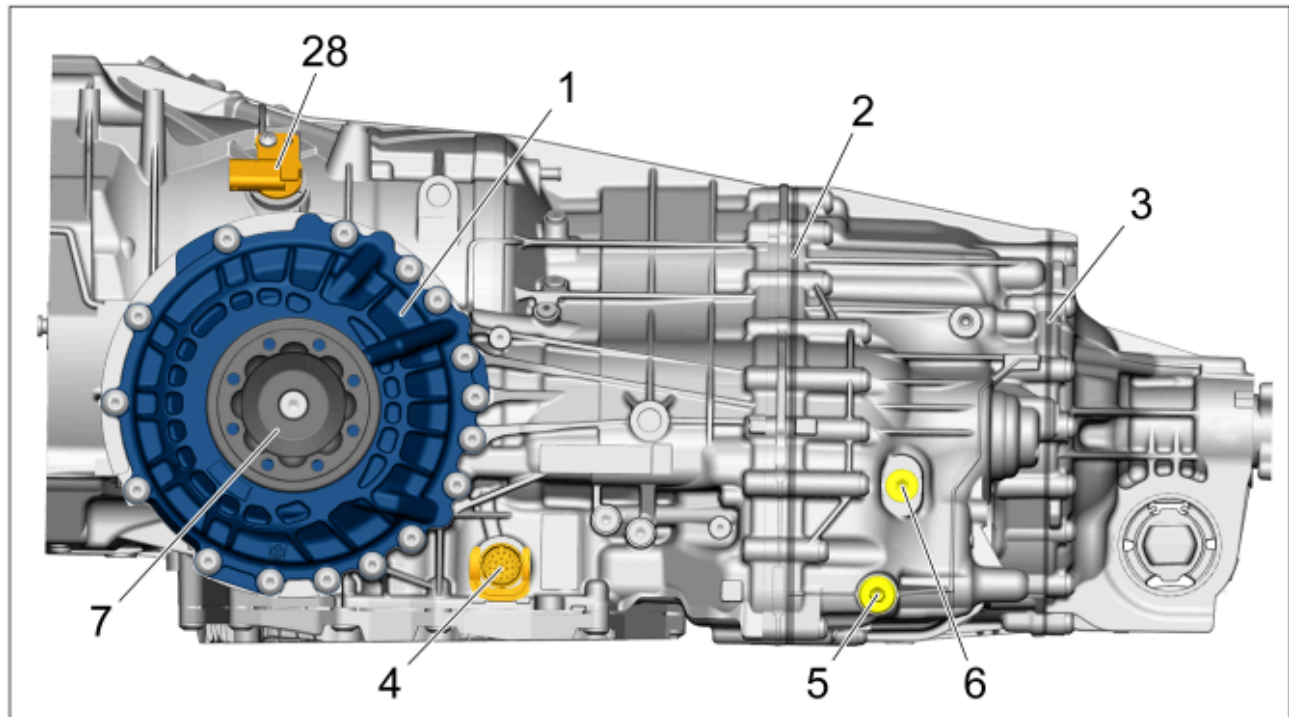
- 5 Spray large areas of the transmission with SpotCheck around the suspected leakage points.
- 6 Perform a test drive.
- 7 Check the transmission for leaks and find the leak.
- 8 Produce photo documentation of the leakage point located using SpotCheck.
- 9 Attach documentation to PCSS line.

## Leaks in the right side area of the transmission



**Information**

Please note that a transmission of the 911 GTS / 911 Turbo is shown here. For vehicles without the M-no. **OK1**, component no. **28** is not present.



Right side of transmission

Item	Leak area	Possible cause(s)	Repair measure
⇒ Right side of transmission -1-	Differential gear cover 1A - 1C	Sealing ring damaged (A)	Replace sealing ring, see ⇒ Workshop Manual '391555 Replacing flanged-shaft sealing ring'.
		Screw loose (B)	Replace screws, see ⇒ Workshop Manual '391555 Replacing flanged-shaft sealing ring'.
		O-ring damaged (C)	Replace O-ring, see ⇒ Workshop Manual '391555 Replacing flanged-shaft sealing ring'.
⇒ Right side of transmission -2-	Rear transmission housing seal 2A - 2B	Screw loose (A)	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.
		Seal damaged (B)	

⇒ Right side of transmission -3-	Front transmission housing seal 3A - 3B	Screw loose (A)	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.
		Seal damaged (B)	
⇒ Right side of transmission -4-	Central connector on the left 4A - 4B	Sealing ring damaged (A)	Replace wire harness, see ⇒ Workshop Manual '387719 Removing and installing transmission control unit'. Tighten screws to 3 Nm (2 ftlb.).
		Connector leaking (B)	
⇒ Right side of transmission -5-	Screw plug	Sealing ring damaged	Replace screw and tighten to 27 Nm (20 ftlb.). Re-use spring and sleeve during installation.
⇒ Right side of transmission -6-	Oil filler screw	Sealing ring damaged	Replace screw and tighten to 27 Nm (20 ftlb.).
⇒ Right side of transmission -7-	Right halfshaft flange 7A - 7C	Sealing ring damaged (A)	Replace sealing ring, see ⇒ Workshop Manual '392255 Workshop Manual "392255 Replacing sealing ring for right halfshaft flange - double clutch transmission".'
		Right halfshaft flange damaged (B)	Replace halfshaft flange, see ⇒ Workshop Manual '392519 Workshop Manual "392519 Removing and installing right halfshaft flange - double clutch transmission".'
		Screw loose, leaking (C)	Replace screw, see ⇒ Workshop Manual '392519 Workshop Manual "392519 Removing and installing right halfshaft flange - double clutch transmission".'
⇒ Right side of transmission -28-	Transmission housing / NTC sensor	Sealing ring damaged	Replace sensor

Parts (1A - 1C): **Required parts** (for differential cover):

Part No.	Designation - Location of use	Quantity
ODT301179	⇒ Sealing ring Differential housing cover	1 piece(s)

ODT301225	⇒ O-ring – Differential housing cover	3 piece(s)
xxx	⇒ Aluminium screw, M8x25 – Differential housing cover	16 piece(s)
ODT311152	⇒ Circlip – Flanged shaft	1 piece(s)
PAF009145	⇒ Internal hexagon round-head bolt with O-ring – Flanged shaft	1 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
ODT321176	⇒ Shaft seal – Flanged shaft	1 piece(s)
ODT321243	⇒ Shaft seal – Flanged shaft	1 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b>	
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)

**Also use for all-wheel drive**

PAF911439

⇒ Cheese head bolt  
- Cardan shaft

4 piece(s)

Labor Position and PCSS Encryption (1A - 1C): Labor position:

APOS	Labor operation	I No.
39155556	Replace the flanged-shaft sealing ring	
39155556	Replace the flanged-shaft sealing ring (GTS)	
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption: **1A – 1C**

<b>Location (FES5)</b>	39200	Final drive cover
<b>Damage type (SA4)</b>	3013	damaged

Parts (2A - 2B): **Required parts** (for rear transmission housing seal):

<b>Part No.</b>	<b>Designation – Location of use</b>	<b>Quantity</b>
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)

PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
<b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b>		
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
WHT008676	⇒ Hexagon-head bolt M12 x 45 – Rear axle strut	4 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS  
Encryption (2A - 2B):

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

Location (FES5)	37500	Seal
Damage type (SA4)	1817	loose

Parts (3A - 3B): **Required parts** (for front transmission housing seal):

Part No.	Designation – Location of use	Quantity
ODT300041DX	⇒ Transmission (I-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)

WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
WHT008676	⇒ Hexagon-head bolt M12 x 45 – Rear axle strut	4 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
	<b>Also use for all-wheel drive</b>	
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS Encryption (3A - 3B): Labor position:

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

<b>Location (FES5)</b>	37343	Gear housing seal
<b>Damage type (SA4)</b>	3024	porous

Parts and  
Materials (4A  
- 4B):

**Required parts** (for left central connector):

Part No.	Designation – Location of use	Quantity
ODT907998	⇒ Wire harness – Transmission control unit	1 piece(s)
<b>or</b>		

ODT907998A	⇒ Wire harness – Transmission control unit (differential lock)	1 piece(s)
<b>Additionally required parts</b>		
PAF009391	⇒ Torx screw – Transmission control unit	24 piece(s)
ODT317165	⇒ Transmission oil pan	1 piece(s)
<b>or</b>		
9P1321359	⇒ Transmission oil pan – GT3	1 piece(s)
PAF009388	⇒ Internal hexagon round-head bolt – Transmission oil pan	13 piece(s)

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

Part No.	Designation	Quantity
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Labor Position and PCSS Encryption (4A - 4B):  
Labor position:

APOS	Labor operation	I No.
38774950	Rework transmission control unit	
38774940	Rework transmission control unit (992 PA Coupe)	
38774941	Rework transmission control unit (992 PA Cabriolet / Targa)	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	1817	loose

Parts (5): **Required parts** (for screw plug):

Part No.	Designation	Quantity
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS  
Encryption (5):

APOS	Labor operation	I No.
34571950	Remove and install oil drain plug	
34571990	Remove and install oil drain plug (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	34570	Oil drain plug
<b>Damage type (SA4)</b>	1817	loose

Parts (6): **Required parts** (for oil filler screw):

Part No.	Designation	Quantity
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS  
Encryption (6):

APOS	Labor operation	I No.
37374951	Rework transmission housing	
37374991	Rework transmission housing (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1817	loose

Parts (7A): **Required parts:**

Part No.	Designation – Location of use	Quantity
ODT321243	⇒ Shaft seal – Right halfshaft flange	1 piece(s)

PAF009145	⇒ Internal hexagon round-head bolt with O-ring – Right halfshaft flange	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Right strut	2 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	6 piece(s)
9A7407357	⇒ Base plate – Drive shaft	3 piece(s)
<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>		
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	2 piece(s)
99240735700	⇒ Base plate – Drive shaft	1 piece(s)

Parts (7B):

**Required parts:**

<b>Part No.</b>	<b>Designation</b> <b>– Location of use</b>	<b>Quantity</b>
ODT323662	⇒ Flanged shaft – Right halfshaft flange	1 piece(s)
ODT321243	⇒ Shaft seal – Right halfshaft flange	1 piece(s)
PAF009145	⇒ Internal hexagon round-head bolt with O-ring – Right halfshaft flange	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Right strut	2 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	6 piece(s)
9A7407357	⇒ Base plate – Drive shaft	3 piece(s)
<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>		
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	2 piece(s)
99240735700	⇒ Base plate – Drive shaft	1 piece(s)

Parts (7C): **Required parts:**

Part No.	Designation – Location of use	Quantity
PAF009145	⇒ Internal hexagon round-head bolt with O-ring – Right halfshaft flange	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Right strut	2 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	6 piece(s)
9A7407357	⇒ Base plate – Drive shaft	3 piece(s)
<b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b>		
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	2 piece(s)
99240735700	⇒ Base plate – Drive shaft	1 piece(s)

Labor Position and PCSS Encryption (7A - 7C): Labor position:

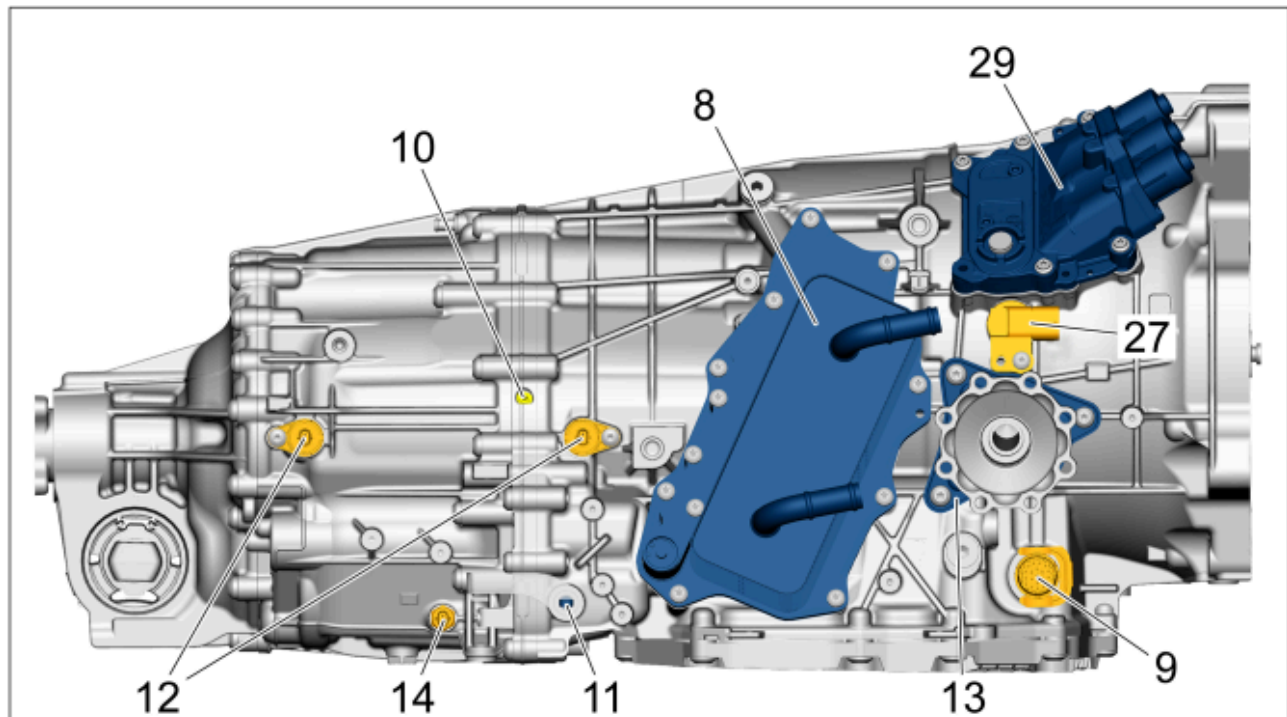
APOS	Labor operation	I No.
39255542	Replace sealing ring for halfshaft flange	
39255542	Replace sealing ring for joint flange (992 PA Coupe)	
39255544	Replace sealing ring for joint flange (992 PA Cabriolet)	
39225592	Replace sealing ring for halfshaft flange (992 PA)	

PCSS encryption: **7A – 7C**

Location (FES5)	39251	Flanged shaft mount left
Damage type (SA4)	1817	loose

**Leaks in the left side area of the transmission****Information**

Please note that a transmission of the 911 GTS / 911 Turbo is shown here. For vehicles without the M-no. **0K1**, component nos. **27** and **29** is not present.



Left side of transmission (with ATF cooler)

Item	Oil leakage	Possible cause(s)	Repair measure
⇒ Left side of transmission (with ATF cooler) -8-	ATF cooler 8A - 8C	Screw loose (A)	Replace screw, see ⇒ Workshop Manual '377219 Removing and installing transmission oil cooler'.
	If there are oil leakages in the ATF cooler area, see also ⇒ Left side of transmission (with ATF	Seal damaged (B)	Replace seal, see ⇒ Workshop Manual '377219 Removing and installing transmission oil cooler'.

	cooler) -15 and 16-	ATF cooler leaking (C)	Replace ATF cooler, see ⇒ Workshop Manual '377219 Removing and installing transmission oil cooler'.
⇒ Left side of transmission (with ATF cooler) -9-	Central connector on the right 9A - 9B	Sealing ring damaged (A)	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.
		Connector leaking (B)	
⇒ Left side of transmission (with ATF cooler) -10-	Bleeder screw	Shaft sealing ring damaged	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.
⇒ Left side of transmission (with ATF cooler) -11-	Selector shaft	Sealing ring damaged	Replace sealing ring, see ⇒ Workshop Manual '373355 Replacing selector shaft sealing ring'.
⇒ Left side of transmission (with ATF cooler) -12-	Speed sensor 12A - 12B	Sealing ring damaged (A)	Replace sealing ring.
		Screw loose (B)	Replace screw and tighten to 3.2 Nm (2.2 ftlb.) and a final tightening torque angle of 30°.
⇒ Left side of transmission (with ATF cooler) -13-	Left halfshaft flange	Grease leak on bearing	Replace bearing, see ⇒ Workshop Manual '392555 Replacing left halfshaft flange bearing'.
⇒ Left side of transmission (with ATF cooler) -14-	Temperature sensor 14A - 14B	Sealing ring damaged (A)	Replace temperature sensor, see ⇒ Workshop Manual '377419 Removing and installing transmission oil temperature sensor'.
		Connector leaking (B)	

⇒ Left side of transmission (with ATF cooler) -27-	Rotor position sensor	Sealing ring damaged	Replace rotor position sensor
⇒ Left side of transmission (with ATF cooler) -29-	Line connection box	Seal damaged	Replace seals on line connection box, see ⇒ <i>Workshop Manual '373427A2 Removing and attaching double-clutch transmission'</i>

Parts and Materials (8A): **Required parts** (for ATF cooler):

Part No.	Designation – Location of use	Quantity
PAF009496	⇒ Internal hexagon round-head countersunk screw – ATF cooler	9 piece(s)
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)

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

Part No.	Designation	Quantity
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Parts and Materials (8B): **Required parts** (for ATF cooler):

Part No.	Designation – Location of use	Quantity
PAF009496	⇒ Internal hexagon round-head countersunk screw – ATF cooler	9 piece(s)

ODT301461	⇒ Seal – ATF cooler	1 piece(s)
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)

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

<b>Part No.</b>	<b>Designation</b>	<b>Quantity</b>
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Parts and  
Materials (8C):

**Required parts** (for ATF cooler):

<b>Part No.</b>	<b>Designation</b> – <b>Location of use</b>	<b>Quantity</b>
PAF009496	⇒ Internal hexagon round-head countersunk screw – ATF cooler	9 piece(s)
ODT301461	⇒ Seal – ATF cooler	1 piece(s)
ODT300333	⇒ Heat exchanger	1 piece(s)
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)

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

<b>Part No.</b>	<b>Designation</b>	<b>Quantity</b>
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Labor Position and PCSS  
Encryption (8A - 8C):

APOS	Labor operation	I No.
37724950	Rework oil cooler (8A)	
37724940	Rework oil cooler (8A) (992 PA GTS Coupé)	
37724941	Rework oil cooler (8A) (992 PA GTS Cabrio / Targa)	
37721950	Remove and install oil cooler (without PDCC) (8B - 8C) (Coupe)	
37721952	Remove and install oil cooler (with PDCC) (8B - 8C) (Coupe)	
37721905	Remove and install oil cooler (without PDCC) (8B - 8C)	
37721906	Remove and install oil cooler (with PDCC) (8B - 8C)	
37721940	Remove and install oil cooler (without PDCC) (8B - 8C) (992 PA Coupe)	
37721941	Remove and install oil cooler (with PDCC) (8B - 8C) (992 PACoupe)	
37721942	Remove and install oil cooler (without PDCC) (8B - 8C) (992 PA Cabrio / Targa)	
37721943	Remove and install oil cooler (with PDCC) (8B - 8C) (992 PA Cabrio / Targa)	
37721970	Remove and install oil cooler (8B — 8C) (Turbo S, without PDCC)	
37721972	Remove and install oil cooler (8B — 8C) (Turbo S, without PDCC)	
37721900	Remove and install oil cooler (992 PA)	

PCSS encryption: **8A – 8C**

Location (FES5)	38600	ATF cooler
Damage type (SA4)	1817	loose

Parts (9A - 9B): **Required parts** (for central connector at the right):

Part No.	Designation – Location of use	Quantity
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)

WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
	<b>Also use for all-wheel drive</b>	
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS Encryption (9A - 9B): Labor position:

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

<b>Location (FES5)</b>	37340	Double—clutch transmission
<b>Damage type (SA4)</b>	2031	Oil consumption too high

Parts (10): **Required parts** (for bleeder screw):

Part No.	Designation – Location of use	Quantity
ODT300041DX	⇒ Transmission (I-no. G1F)	1 piece(s)
	<b>or</b>	

ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt	12 piece(s)
	– Drive shaft	
9A7407357	⇒ Base plate	6 piece(s)
	– Drive shaft	
PAF008673	⇒ Hexagon-head bolt	2 piece(s)
	– Rear-axle carrier	
PAF008735	⇒ Hexagon-head bolt	2 piece(s)
	– Rear-axle carrier	
WHT007957	⇒ Hexagonal lock nut	2 piece(s)
	– Coupling rod	
	<b>or</b>	
9A700781900	⇒ Hexagon nut	2 piece(s)
	– Coupling rod (PDCC)	
PAF909664	⇒ Hexagon collar nut	2 piece(s)
	– Lower trailing arm	
PAF008674	⇒ Hexagon flange bolt	2 piece(s)
	– Lower trailing arm	
WHT008676	⇒ Hexagon-head bolt	4 piece(s)
	– Strut	
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
ODU301139	⇒ Seal	1 piece(s)
	– Line connection box	

ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS  
Encryption (10):

Labor position:

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	

APOS	Labor operation	I No.
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1817	loose

Parts (11): **Required parts** (for selector shaft):

Part No.	Designation – Location of use	Quantity
9A700851800	⇒ Shaft seal – Selector shaft	1 piece(s)

Labor Position and PCSS Encryption (11):  
Labor position:

APOS	Labor operation	I No.
37335555	Replace selector shaft sealing ring	
37335590	Replace selector shaft sealing ring (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1817	loose

Parts (12A - 12B): **Required parts** (for rpm sensor):

<b>Part No.</b>	<b>Designation</b> – <b>Location of use</b>	<b>Quantity</b>
9A7906401	⇒ Speed sensor	1 piece(s)
9A700855200	⇒ Round head screw – Speed sensor	1 piece(s)

Labor Position and PCSS Encryption (12): Labor position:

<b>APOS</b>	<b>Labor operation</b>	<b>I No.</b>
38174151	Repair inductive pickup (N1, left)	
38174152	Repair inductive pickup (N2, right)	
38174191	Repair front inductor (992 PA)	
38174192	Repair rear inductor (992 PA)	

PCSS encryption: **12A – 12B**

<b>Location (FES5)</b>	38170	Inductor
<b>Damage type (SA4)</b>	1511	Breakage

Parts (13): **Required parts** (for left halfshaft flange):

<b>Part No.</b>	<b>Designation</b> – <b>Location of use</b>	<b>Quantity</b>
ODT307125	⇒ Ball bearing – Left halfshaft flange	1 piece(s)
9A7407357	⇒ Base plate – Left drive shaft	3 piece(s)
WHT008727	⇒ Cheese head bolt – Left drive shaft	6 piece(s)
WHT008676	⇒ Hexagon-head bolt – Left strut	2 piece(s)

**Additionally required parts for vehicles  
with lithium-ion battery (M-no. OK1)**

WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	2 piece(s)
99240735700	⇒ Base plate – Drive shaft	1 piece(s)

Labor Position and PCSS  
Encryption (13):

APOS	Labor operation	I No.
39254150	Repair halfshaft flange	
39255591	Replace left bearing for joint flange	

PCSS encryption:

<b>Location (FES5)</b>	39230	Bearing ring / cover seal
<b>Damage type (SA4)</b>	3024	porous

Parts and Materials (14A - 14B):

**Required parts** (for temperature sensor):

Part No.	Designation	Quantity
9A7906529A	⇒ Temperature sensor	1 piece(s)
9A700852600	⇒ Screw plug	1 piece(s)
ODT321475	⇒ Oil pipe	1 piece(s)

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

Part No.	Designation	Quantity
00004330472	⇒ Transmission oil, gear wheel set, limited-slip differential	1-liter container <sup>1)</sup> 33.81 fl oz

<sup>1)</sup> approx. 5.8 liter / 1.53 gal required per vehicle.

Labor Position and PCSS  
Encryption (14A - 14B):

APOS	Labor operation	I No.
37741952	Remove and install temperature sensor	
37741991	Remove and install temperature sensor (992 PA)	

PCSS encryption: **14A - 14B**

<b>Location (FES5)</b>	34780	Temperature sensor
<b>Damage type (SA4)</b>	1511	Breakage

Parts (29): **Required parts** (for seals on cable connection box):

Part No.	Designation – Location of use	Quantity
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
WHT008676	⇒ Hexagon-head bolt M12 x 45 – Rear axle strut	4 piece(s)
PAF007957	⇒ Hexagon self-clinching nut M10 – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut M12 – Coupling rod (PDCC) (M-no. 1P7)	2 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF008674	⇒ Hexagon flange bolt, M12 x 105 – Trailing arm	2 piece(s)
PAF909664	⇒ Hexagon collar nut, self-locking M12 – Trailing arm	2 piece(s)
PAF008735	⇒ Hexagon-head bolt, M12 x 95 – Rear-axle carrier	2 piece(s)
PAF008673	⇒ Hexagon-head bolt M12 x 110 – Rear-axle carrier	2 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)

PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	16 piece(s)
99240735700	⇒ Base plate – Drive shaft	8 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
PAF911439	⇒ Cheese head bolt with multiple-tooth head M8 x 16 – Cardan shaft	4 piece(s)

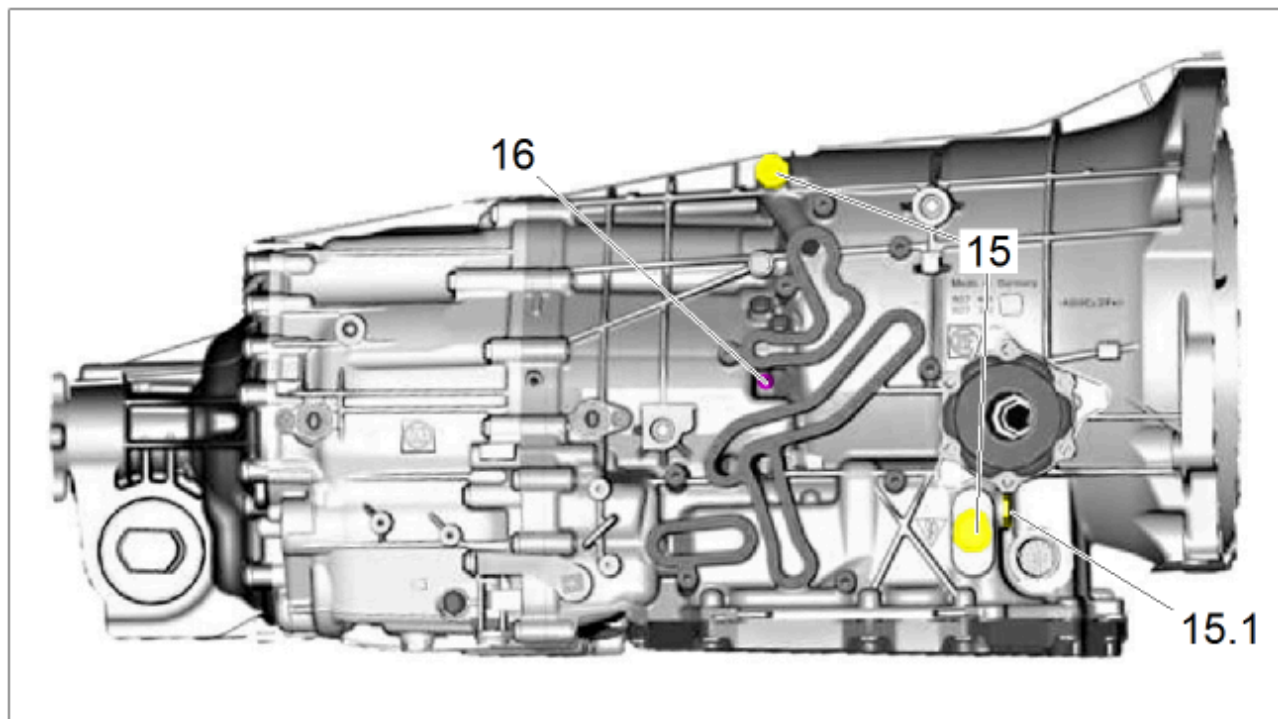
**Also use for all-wheel drive**

Labor Position and PCSS  
Encryption (29):

APOS	Labor operation	I No.
27934990	Rework high-voltage line	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	5041	Oil/grease leak



Left side of transmission (without ATF cooler)

Item	Oil leakage	Cause	Repair measure
⇒ Left side of transmission (without ATF cooler) -15-	Screw plug 15A - 15B	Screw loose (A)	Replace screw and tighten to 27 Nm (20 ftlb.).
		Sealing ring damaged (B)	
⇒ Left side of transmission (without ATF cooler) -15-	Oil filler screw 15C - 15D	Screw loose (C)	Replace screw, see ⇒ Workshop Manual '370235 Checking and topping up ATF'.
		Sealing ring damaged (D)	
⇒ Left side of transmission (without ATF cooler) -15.1-	Screw plug 15.1A - 15.1B	Screw loose (A)	Replace screw and tighten to 27 Nm (20 ftlb.).
		Sealing ring damaged (B)	
⇒ Left side of transmission (without ATF cooler) -16-	Oil chamber partition If there are oil leakages in this area, see also ⇒ Left side of transmission (without ATF cooler) -8 and 15 / 15.1-.	Shaft sealing ring damaged	Check the area using an endoscope. Replace double-clutch transmission if there are leaks, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.

**Information**

If there is a leak around item 16, observe the specified procedure.

- Clean oil leak bore area and coat it directly with leak-locating spray
- Correct the oil level
- Perform a test drive
- Visually inspect the leak area of the oil leak bore

If the fault can be reproduced, the double clutch transmission must be replaced. If not, continue fault finding.

Parts (15): **Required parts** (for screw plug/oil filler screw):

Part No.	Designation	Quantity
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS Encryption (15A - 15D):  
Labor position:

APOS	Labor operation	I No.
37374952	Rework transmission housing (screw plug)	
37374953	Rework transmission housing (oil filler screw)	
37374992	Rework transmission housing (screw plug) (992 PA)	
37374993	Rework transmission housing (oil filler screw) (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1511	Breakage

Parts (15.1A - 15.1B): **Required parts** (for screw plug):

Part No.	Designation	Quantity
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS Encryption (15.1A - 15.1B):

APOS	Labor operation	I No.
37374954	Rework transmission housing	
37374994	Rework transmission housing (992 PA)	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	1511	Breakage

Parts (16): **Required parts** (for oil chamber partition):

Part No.	Designation – Location of use	Quantity
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)

PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b>	
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)

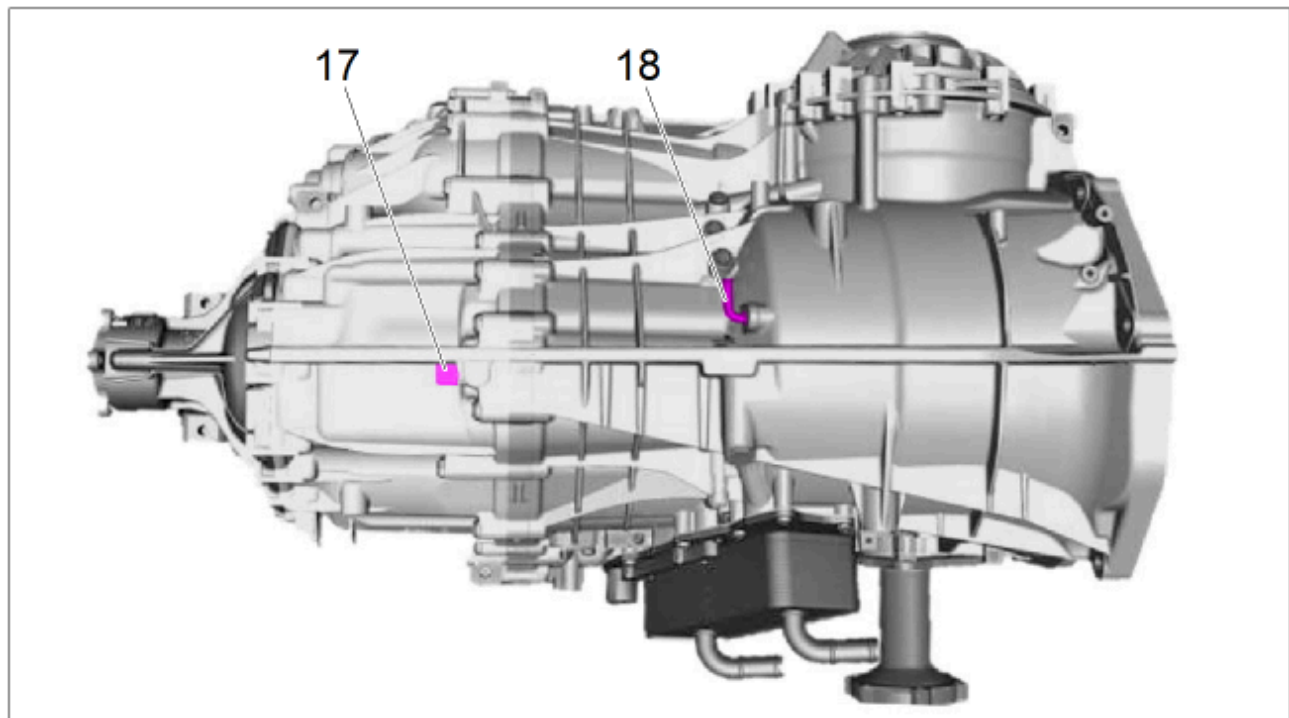
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS  
Encryption (16):

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	1511	Breakage

**Leaks in the upper side area of the transmission**

Upper side of transmission

Item	Oil leakage	Cause	Repair measure
⇒ Upper side of transmission -17-	Hydraulic space breather 17A - 17B	Oil over-filling (A)	<p>Check oil level of hydraulic chamber and final drive, see ⇒ <i>Technical Information '373419 follow-up actions'</i>.</p> <p><b>Oil level in hydraulic chamber too high and final drive OK:</b> Correct the oil level.</p> <p><b>Oil level in hydraulic chamber clearly too high and final drive too low:</b> Replace double-clutch transmission, see ⇒ <i>Workshop Manual '373419 Removing and installing double clutch transmission'</i>.</p>

		Insufficient defoamer (B)	Replace ATF, see ⇒ <i>Workshop Manual '370255 Replacing ATF'</i> .
⇒ Upper side of transmission -18-	Final drive bleeder	Oil over-filling	<p>Check ATF and final drive oil level, see ⇒ <i>Technical Information '370255 Follow-up actions'</i>.</p> <p><b>Oil level in final drive too high and ATF OK:</b> Correct the oil level.</p> <p><b>Oil level in final drive is clearly too high and ATF too low:</b> Replace double-clutch transmission, see ⇒ <i>Workshop Manual '373419 Removing and installing double clutch transmission'</i>.</p>

Parts and Materials (17A - 17B): **Required parts** (for hydraulic chamber breather):

Part No.	Designation – Location of use	Quantity
<b>Required parts for checking oil level</b>		
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
9A700852600	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)
<b>Required parts for replacing transmission</b>		
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
<b>or</b>		
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
<b>or</b>		
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
<b>or</b>		
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
<b>or</b>		
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
<b>or</b>		
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)

<b>Additionally required parts</b>		
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
<b>or</b>		
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
<b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b>		
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)

PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

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

<b>Part No.</b>	<b>Designation</b>	<b>Quantity</b>
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.58 gal required per vehicle.

Labor Position and PCSS Encryption (17A - 17B): Labor position:

<b>APOS</b>	<b>Labor operation</b>	<b>I No.</b>
37025550	Replace ATF	
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	

APOS	Labor operation	I No.
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1511	Breakage

Parts (18): **Required parts** (for final drive breather):

Part No.	Designation – Location of use	Quantity
<b>Required parts for checking oil level</b>		
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
9A700852600	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)
<b>Required parts for replacing transmission</b>		
ODT300041DX	⇒ Transmission (I-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	

ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt	12 piece(s)
	– Drive shaft	
9A7407357	⇒ Base plate	6 piece(s)
	– Drive shaft	
PAF008673	⇒ Hexagon-head bolt	2 piece(s)
	– Rear-axle carrier	
PAF008735	⇒ Hexagon-head bolt	2 piece(s)
	– Rear-axle carrier	
WHT007957	⇒ Hexagonal lock nut	2 piece(s)
	– Coupling rod	
	<b>or</b>	
9A700781900	⇒ Hexagon nut	2 piece(s)
	– Coupling rod (PDCC)	
PAF909664	⇒ Hexagon collar nut	2 piece(s)
	– Lower trailing arm	
PAF008674	⇒ Hexagon flange bolt	2 piece(s)
	– Lower trailing arm	
WHT008676	⇒ Hexagon-head bolt	4 piece(s)
	– Strut	
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
ODU301139	⇒ Seal	1 piece(s)
	– Line connection box	
ODU301215	⇒ Seal	1 piece(s)
	– Line connection box	
PAF910436	⇒ Internal hexagon round-head bolt	6 piece(s)
	– Line connection box	

9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

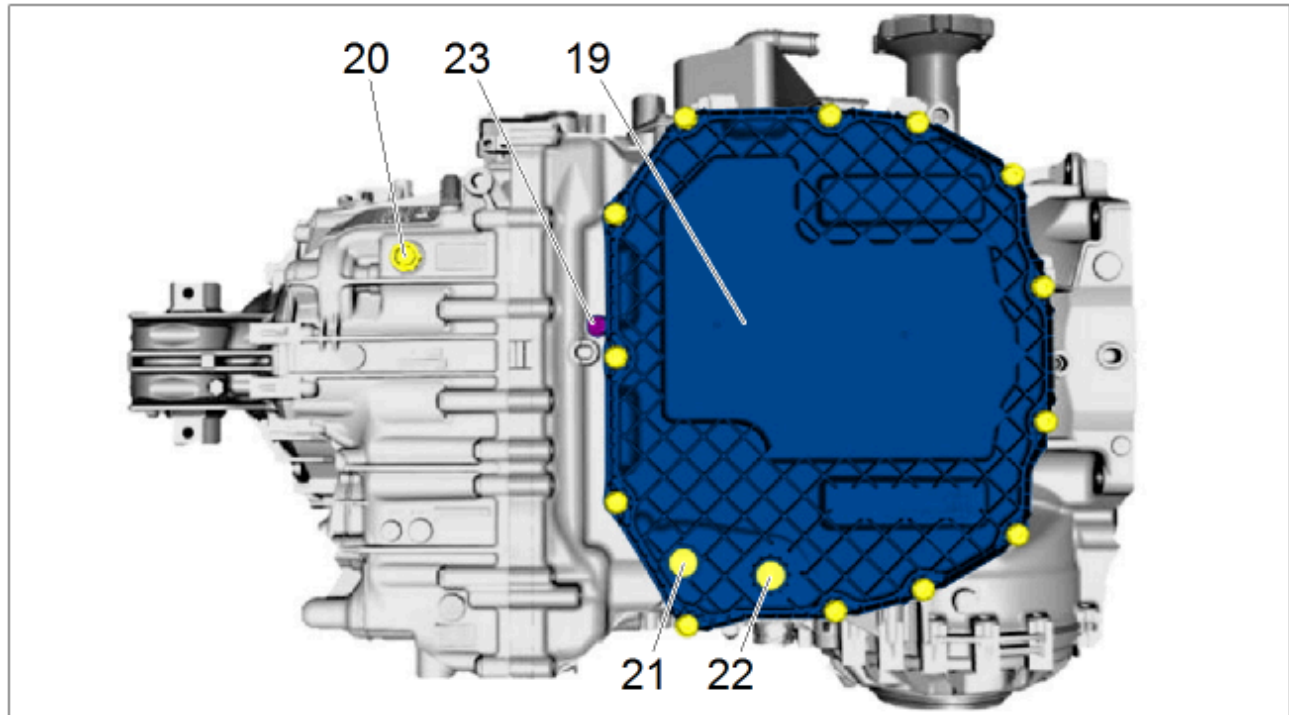
Labor position and PCSS encryption (18):  
Labor position:

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	

APOS	Labor operation	I No.
37341942	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabrio / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	1511	Breakage

**Leaks in the lower side area of the transmission**

Lower side of transmission

Item	Oil leakage	Cause	Repair measure
⇒ Lower side of transmission -19-	ATF pan 19A - 19C	Screw loose (A)	Replace ATF pan; see ⇒ <i>Workshop Manual '375519 Removing and installing ATF pan'</i> .
		Seal damaged (B)	
	Traces of oil after opening the hydraulic chamber (C)	Clean the ATF pan.	
⇒ Lower side of transmission -20-	Screw plug 20A - 20B	Screw loose (A)	Replace screw, see ⇒ <i>Workshop Manual '399035 Checking and topping up oil for final drive (PDK gear-wheel oil)'</i> .
		Sealing ring damaged (B)	
⇒ Lower side of transmission -21-	Screw plug 21A - 21B	Screw loose (A)	Replace screw, see ⇒ <i>Workshop Manual '370235 Checking and topping up ATF'</i> .
		Sealing ring damaged (B)	

⇒ Lower side of transmission -22-	Oil drain plug 22A - 22B	Screw loose (A)	Replace screw, see ⇒ Workshop Manual '370255 Changing ATF'.
		Sealing ring damaged (B)	
⇒ Lower side of transmission -23-	Oil chamber partition	Shaft sealing ring damaged	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.

Parts and Materials (19A - 19B):

**Required parts** (for ATF pan):

Part No.	Designation	Quantity
ODT317165	⇒ Transmission oil pan	1 piece(s)
<b>or</b>		
9P1321359	⇒ Transmission oil pan – GT3	1 piece(s)
PAF009388	⇒ Internal hexagon round-head bolt	13 piece(s)

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

Part No.	Designation	Quantity
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Labor Position and PCSS Encryption (19A - 19B):

Labor position:

APOS	Labor operation	I No.
37551952	Remove and install ATF pan	
37551900	Remove and install ATF pan (992 PA)	

PCSS encryption: **19A – 19C**

Location (FES5)	37550	ATF tub
Damage type (SA4)	1511	breakage

Parts (20A - 20B): **Required parts** (for screw plug):

Part No.	Designation	Quantity
9A700852600	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS Encryption (20A - 20B): Labor position:

APOS	Labor operation	I No.
37374955	Rework transmission housing	
37374995	Rework transmission housing (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1511	Breakage

Parts (21A - 21B): **Required parts** (for screw plug):

Part No.	Designation	Quantity
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)

Labor Position and PCSS Encryption (21A - 21B): Labor position:

APOS	Labor operation	I No.
34571951	Remove and install oil drain plug	
34571991	Remove and install oil drain plug (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	34570	Oil drain plug
<b>Damage type (SA4)</b>	1817	loose

Parts and Materials (22A - 22B):

**Required parts** (for oil drain plug):

Part No.	Designation	Quantity
PAF009390	⇒ Screw plug with sealing ring	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring	1 piece(s)

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

Part No.	Designation	Quantity
00004321044	⇒ Transmission oil	20-liter container <sup>1)</sup> 5.28 gal

<sup>1)</sup> approx. 6 liter / 1.59 gal required per vehicle.

Labor Position and PCSS Encryption (22A - 22B):

Labor position:

APOS	Labor operation	I No.
34571952	Remove and install oil drain plug	
34571992	Remove and install oil drain plug (992 PA)	

PCSS encryption:

Location (FES5)	34570	Oil drain plug
Damage type (SA4)	1817	loose

Parts (23): **Required parts** (for oil chamber partition):

Part No.	Designation - Location of use	Quantity
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)

	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)

9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS Encryption (23): Labor position:

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	

APOS	Labor operation	I No.
37341942	Remove and install double-clutch transmission (992 PA GTS Cabriolet / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabriolet / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	

PCSS encryption:

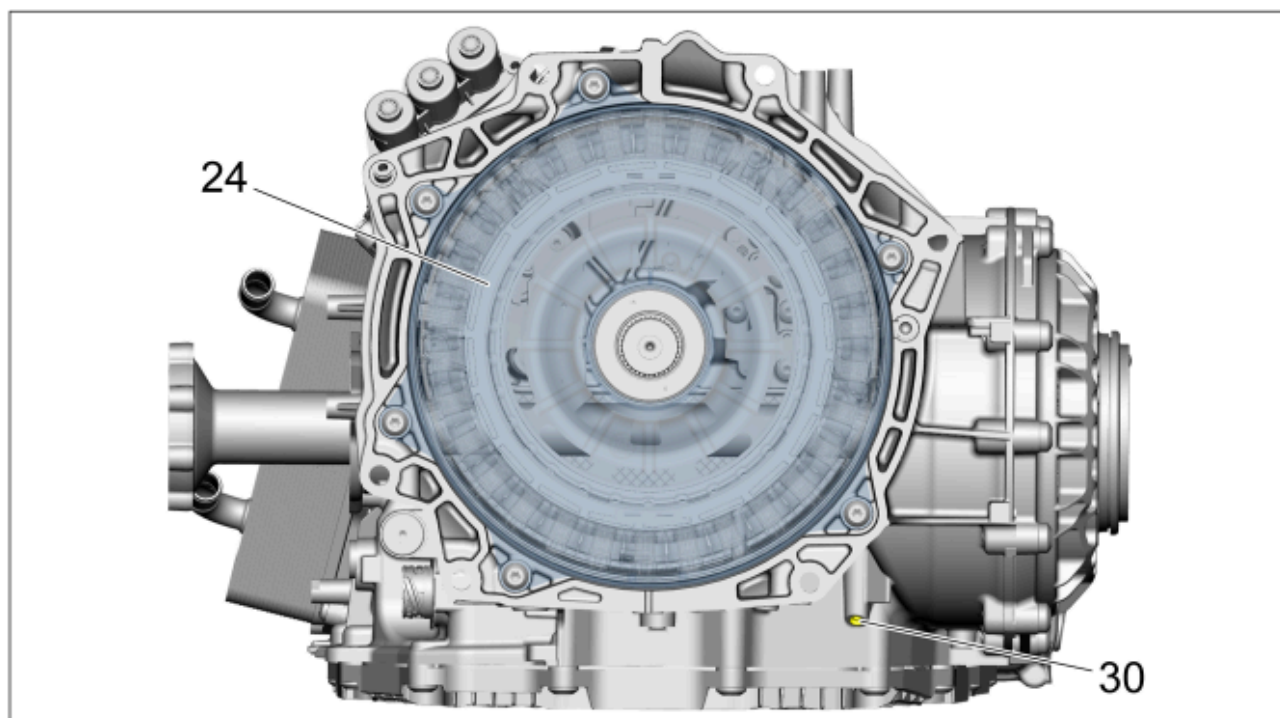
<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1511	Breakage

Leaks in the rear side area of the transmission



**Information**

Please note that a transmission of the 911 GTS / 911 Turbo is shown here. For vehicles without the M-no. **0K1**, component no. **30** is not present.



Rear side of transmission

Item	Oil leakage	Cause	Repair measure
⇒ Rear side of transmission -24-	Clutch bell-housing 24A - 24E	O-ring on clutch cover damaged (A)	Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.
		Intermediate shaft sealing ring damaged (B)	Replace sealing ring, see ⇒ Workshop Manual '386955 Replacing radial shaft seal'.
		Engine leaking (C)	Find oil leakages and fix them.
		Apparent preservative grease leak (D)	No action required.
		Flanged-shaft sealing ring damaged (E)	Replace sealing ring, see ⇒ Workshop Manual '391555 Replacing flanged-shaft sealing ring'.
⇒ Rear side of transmission -30-	Leakage oil bore	Shaft sealing ring for differential inner damaged	Replace transmission. ⇒ Workshop Manual '373427A2 Removing and mounting Porsche Doppelkupplung (PDK)'

Parts (24A -  
24E):**Required parts** (for clutch bell-housing):

<b>Part No.</b>	<b>Designation – Location of use</b>	<b>Quantity</b>
ODT300041DX	⇒ Transmission (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300043DX	⇒ Transmission with differential lock (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODT300061DX	⇒ Transmission (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODT300063DX	⇒ Transmission with differential lock (M-no. G1G)	1 piece(s)
	<b>or</b>	
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
9A714242600	⇒ Shaft seal – Intermediate shaft	1 piece(s)
	<b>or</b>	
ODT321176	⇒ Shaft seal – Flanged shaft	1 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	

9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)

**Additionally required parts for vehicles  
with lithium-ion battery (M-no. 0K1)**

ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)
PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS  
Encryption (24A  
- 24E):

APOS	Labor operation	I No.
37341905	Remove and install double-clutch transmission (Coupe, without PDCC)	
37341907	Remove and install double-clutch transmission (Coupe with PDCC)	
37341915	Remove and install double-clutch transmission (Targa/Cabriolet, without PDCC)	
37341917	Remove and install double-clutch transmission (Targa/Cabriolet, with PDCC)	
37341940	Remove and install double-clutch transmission (992 PA GTS Coupe, without PDCC)	
37341941	Remove and install double-clutch transmission (992 PA GTS Coupe, with PDCC)	
37341942	Remove and install double-clutch transmission (992 PA GTS Cabriolet / Targa, without PDCC)	
37341943	Remove and install double-clutch transmission (992 PA GTS Cabriolet / Targa, with PDCC)	
37341906	Remove and install double-clutch transmission (Turbo S, without PDCC)	
37341908	Remove and install double-clutch transmission (Turbo S, with PDCC)	
37341945	Remove and install double-clutch transmission (992 PA Coupe)	
37341946	Remove and install double-clutch transmission (992 PA Cabriolet)	
38695552	Replace the radial shaft seal	
38695592	Replace the radial shaft seal (992 PA)	
39155558	Replace the flanged-shaft sealing ring	
39155590	Replace the flanged-shaft sealing ring (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37370	Transmission housing
<b>Damage type (SA4)</b>	1511	Breakage

Parts (30): **Required parts** (for leak oil drilling):

<b>Part No.</b>	<b>Designation – Location of use</b>	<b>Quantity</b>
ODU300043DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1F)	1 piece(s)
	<b>or</b>	
ODU300063DX	⇒ Transmission with differential lock (M-no. OK1) and (M-no. G1G)	1 piece(s)
	<b>Additionally required parts</b>	
ODU301139	⇒ Seal – Line connection box	1 piece(s)
ODU301215	⇒ Seal – Line connection box	1 piece(s)
PAF910436	⇒ Internal hexagon round-head bolt – Line connection box	6 piece(s)
WHT008676	⇒ Hexagon-head bolt M12 x 45 – Rear axle strut	4 piece(s)
PAF007957	⇒ Hexagon self-clinching nut M10 – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut M12 – Coupling rod (PDCC) (M-no. 1P7)	2 piece(s)
9A700861500	⇒ Hexagon-head bolt – Anti-roll bar clamp	4 piece(s)
PAF008674	⇒ Hexagon flange bolt, M12 x 105 – Trailing arm	2 piece(s)
PAF909664	⇒ Hexagon collar nut, self-locking M12 – Trailing arm	2 piece(s)
PAF008735	⇒ Hexagon-head bolt, M12 x 95 – Rear-axle carrier	2 piece(s)
PAF008673	⇒ Hexagon-head bolt M12 x 110 – Rear-axle carrier	2 piece(s)
PAF104694	⇒ M12 x 70 hexagon-head bolt – Engine mount	2 piece(s)

PAF008660	⇒ Collar nut M10 – Transmission support	4 piece(s)
PAF009267	⇒ Hexagon-head bolt M10 x 40 – Transmission bracket	4 piece(s)
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	16 piece(s)
99240735700	⇒ Base plate – Drive shaft	8 piece(s)
PAF913091	⇒ Hexagon flange bolt (combination) M16 x 75 – Drive shaft	2 piece(s)
9A700846400	⇒ External hexalobular screw – Transmission housing	7 piece(s)
	<b>Also use for all-wheel drive</b>	
PAF911439	⇒ Cheese head bolt with multiple-tooth head M8 x 16 – Cardan shaft	4 piece(s)

Labor Position and PCSS  
Encryption (30):

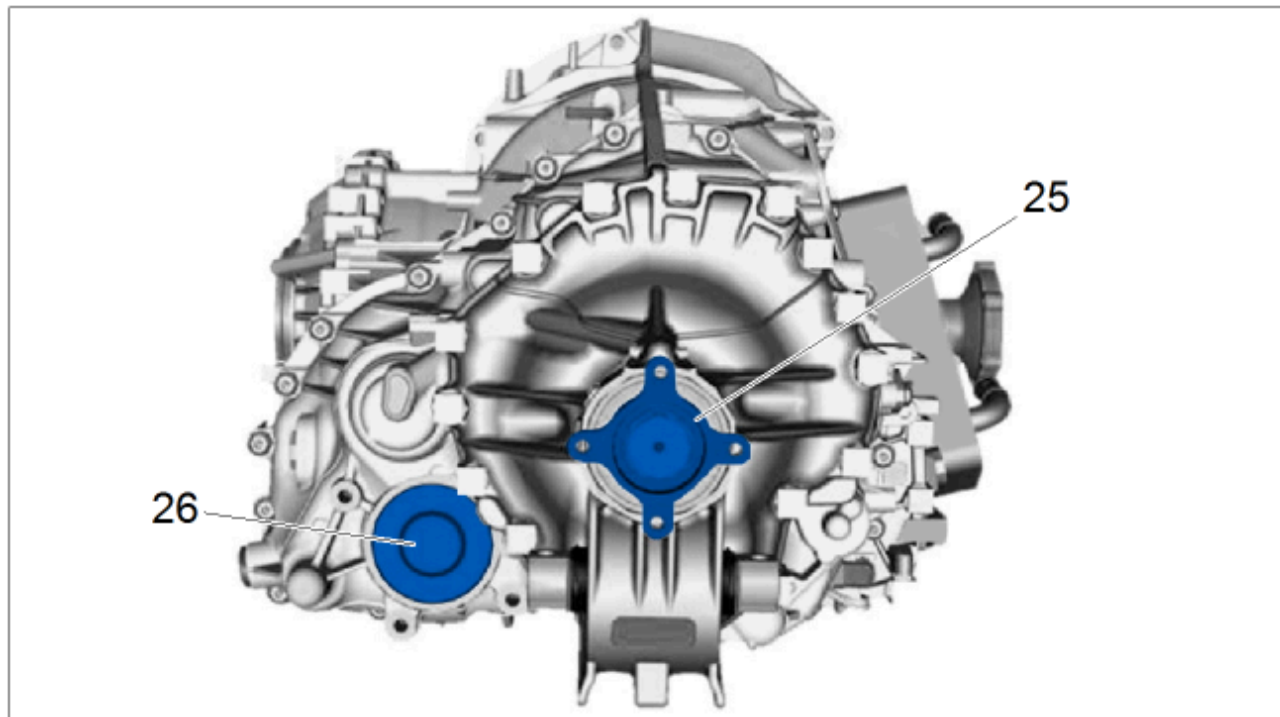
Labor position:

APOS	Labor operation	I No.
XXX	Replace double-clutch transmission	

PCSS encryption:

Location (FES5)	37370	Transmission housing
Damage type (SA4)	5041	Oil/grease leak

Leaks in the front side area of the transmission



Front side of transmission

Item	Oil leakage	Cause	Repair measure
⇒ Front side of transmission -25-	Output flange 25A - 25B	Sealing ring damaged (A)	Replace sealing ring and output flange, see ⇒ Workshop Manual '398255 Replacing cardan flange sealing ring'.
		Output flange leaking (B)	
⇒ Front side of transmission -26-	Cover	Cover damaged	Replace cover, see ⇒ Workshop Manual '374955 Replacing cover'.

Parts (25A - 25B):

Required parts (for cardan flange):

Part No.	Designation - Location of use	Quantity
ODT341272	⇒ Output flange Cardan shaft	1 piece(s)
ODT301733	⇒ Shaft seal - Output flange	1 piece(s)

ODT311183	⇒ Circlip – Output flange	1 piece(s)
ODT301289	⇒ Dust boot – Output flange	1 piece(s)
WHT008727	⇒ Cheese head bolt – Drive shaft	12 piece(s)
9A7407357	⇒ Base plate – Drive shaft	6 piece(s)
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
	<b>or</b>	
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
WHT008676	⇒ Hexagon-head bolt – Strut	4 piece(s)
	<b>Additionally required parts for vehicles with lithium-ion battery (M-no. OK1)</b>	
WHT008727	⇒ Cheese head screw M10 x 46.5 – Drive shaft	4 piece(s)
99240735700	⇒ Base plate – Drive shaft	2 piece(s)

Labor Position and PCSS  
Encryption (25A  
- 25B): Labor position:

APOS	Labor operation	I No.
39825552	Replace sealing ring for cardan flange	
39825590	Replace sealing ring for cardan flange (992 PA)	

PCSS encryption:

Location (FES5)	39640	Cardan flange
Damage type (SA4)	5043	Oil loss

Parts (26): **Required parts** (for cover):

Part No.	Designation – Location of use	Quantity
ODT321073	⇒ Cover – Transmission housing	1 piece(s)
PAF008673	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
PAF008735	⇒ Hexagon-head bolt – Rear-axle carrier	2 piece(s)
WHT007957	⇒ Hexagonal lock nut – Coupling rod	2 piece(s)
<b>or</b>		
9A700781900	⇒ Hexagon nut – Coupling rod (PDCC)	2 piece(s)
PAF909664	⇒ Hexagon collar nut – Lower trailing arm	2 piece(s)
PAF008674	⇒ Hexagon flange bolt – Lower trailing arm	2 piece(s)
<b>Also use for all-wheel drive</b>		
PAF911439	⇒ Cheese head bolt – Cardan shaft	4 piece(s)

Labor Position and PCSS Encryption (26): Labor position:

APOS	Labor operation	I No.
37495552	Replace cover	
37495590	Replace cover (992 PA)	

PCSS encryption:

<b>Location (FES5)</b>	37490	Cover
<b>Damage type (SA4)</b>	1817	loose

**Follow-up actions**

- Work Procedure: 1 Check and top up ATF; see ⇒ *Workshop Manual '370235 Checking and topping up ATF'*.
- 2 Check and top up oil for final drive, see ⇒ *Workshop Manual '399035 Checking and topping up oil for final drive (PDK gear-wheel oil)'*.
- 3 Install rear cover, see ⇒ *Workshop Manual '519419 Removing and installing rear cover'*.

Parts:

<b>Part No.</b>	<b>Designation</b>	<b>Quantity</b>
PAF009390	⇒ Screw plug with sealing ring (unless it has already been replaced)	1 piece(s)
9A700852600	⇒ Screw plug with sealing ring (unless it has already been replaced)	1 piece(s)
PAF008528	⇒ Screw plug with sealing ring (unless it has already been replaced)	1 piece(s)

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

<b>Part No.</b>	<b>Designation</b>	<b>Quantity</b>
00004321044	⇒ Transmission oil (unless it has already been checked and topped up)	20-liter container <sup>1)</sup> 5.28 gal

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

Labor Position and PCSS Encryption: Labor position:

<b>APOS</b>	<b>Labor operation</b>	<b>I No.</b>
37340100	Check the double-clutch transmission	
37340140	Check the double-clutch transmission (992 PA Coupe)	
37340141	Check double-clutch transmission (992 PA Cabrio / Targa)	

APOS	Labor operation	I No.
37023550	Check and top up ATF	
39903550	Check and top up oil for final drive	

PCSS encryption:

Location (FES5)	37340	Double—clutch transmission
Damage type (SA4)	1611	without function

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