

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

Change  
Overview:

| Revision | Date       | Change                                                                                                                        |
|----------|------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1        | 09/08/2020 | ▪ First publication                                                                                                           |
| 2        | 01/29/2024 | ▪ Update to order type                                                                                                        |
| 3        | 02/16/2024 | ▪ Information for Remedial Action and Work Procedure added                                                                    |
| 4        | 05/09/2025 | ▪ Equipment added<br>▪ Order types added<br>▪ Parts adjusted<br>▪ Test sequence added<br>▪ Parts added<br>▪ Graphics adjusted |
| 5        | 08/20/2025 | ▪ Updated to include part number 9P1321359 under 4A-4B and 19A-19B                                                            |
| 6        | 10/16/2025 | ▪ Updated to include model year 2025                                                                                          |
| 7        | 03/31/2026 | ▪ Order types added<br>▪ Update to Labor positions                                                                            |
| 8        | 06/09/2026 | ▪ Order types added<br>▪ Repair measures adjusted                                                                             |

Model Year: **As of 2019**

Model Line: **911 (992)**

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**

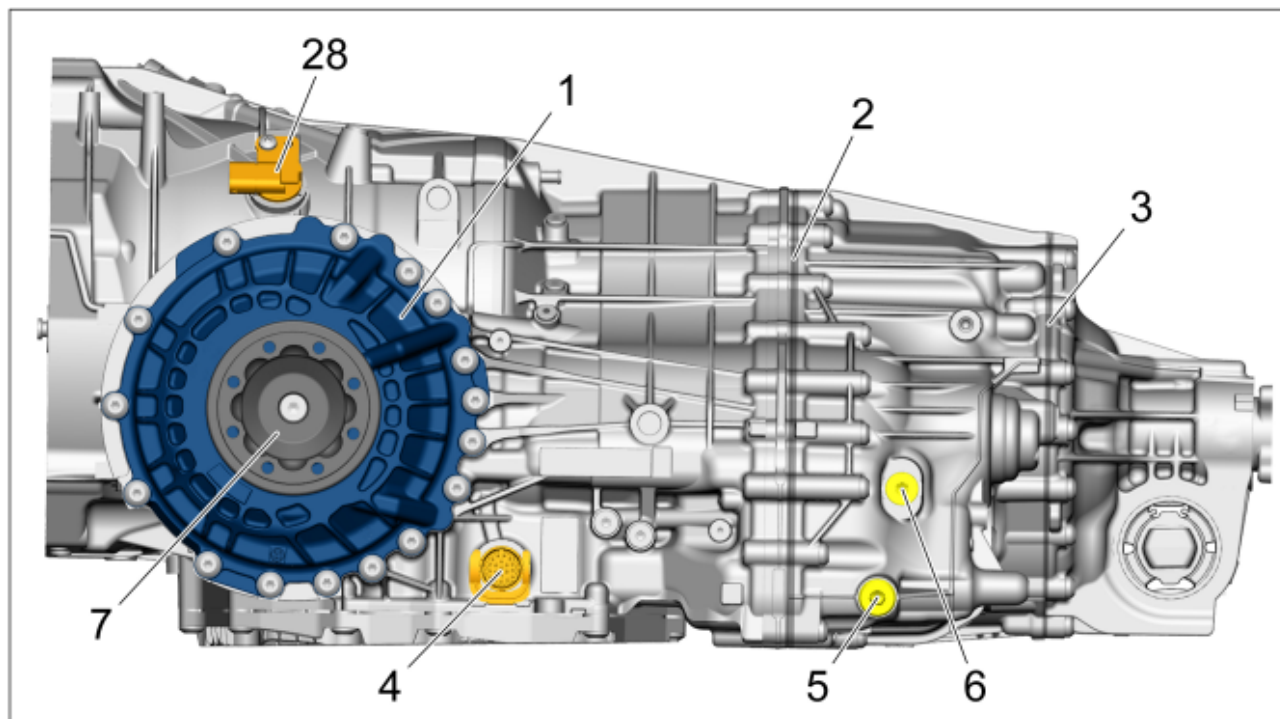
In the event of a complaint regarding oil leakages, the Porsche double-clutch transmission must be thoroughly cleaned, including the transition between the oil pan and transmission, using a suitable cleaning agent. Then both the transmission and the oil pan have to be blown off with compressed air and 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. **0K1**, component no. **28** is not present.



Right side of transmission

| Item                                | Leak area                                 | Possible cause(s)        | Repair measure                                                                                                         |
|-------------------------------------|-------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------|
| ⇒ Right side of transmission<br>-1- | Differential gear cover<br>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<br>-2- | Rear transmission housing seal<br>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<br>-3-  | Front transmission housing seal<br>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<br>-4-  | Central connector on the left<br>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<br>-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<br>-6-  | Oil filler screw                           | Sealing ring damaged               | Replace screw and tighten to 27 Nm (20 ftlb.).                                                                                                                 |
| ⇒ Right side of transmission<br>-7-  | Right halfshaft flange<br>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<br>-28- | Transmission housing / NTC sensor          | Sealing ring damaged               | Replace sensor                                                                                                                                                 |

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

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

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

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

|                                                                                      |                                                                  |            |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------|------------|
| PAF909664                                                                            | ⇒ Hexagon collar nut<br>– Lower trailing arm                     | 2 piece(s) |
| PAF008674                                                                            | ⇒ Hexagon flange bolt<br>– Lower trailing arm                    | 2 piece(s) |
| WHT008676                                                                            | ⇒ Hexagon-head bolt<br>– Strut                                   | 4 piece(s) |
| <b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b> |                                                                  |            |
| ODU301139                                                                            | ⇒ Seal<br>– Line connection box                                  | 1 piece(s) |
| ODU301215                                                                            | ⇒ Seal<br>– Line connection box                                  | 1 piece(s) |
| PAF910436                                                                            | ⇒ Internal hexagon round-head bolt<br>– Line connection box      | 6 piece(s) |
| WHT008676                                                                            | ⇒ Hexagon-head bolt M12 x 45<br>– Rear axle strut                | 4 piece(s) |
| 9A700861500                                                                          | ⇒ Hexagon-head bolt<br>– Anti-roll bar clamp                     | 4 piece(s) |
| PAF104694                                                                            | ⇒ M12 x 70 hexagon-head bolt<br>– Engine mount                   | 2 piece(s) |
| PAF008660                                                                            | ⇒ Collar nut M10<br>– Transmission support                       | 4 piece(s) |
| PAF009267                                                                            | ⇒ Hexagon-head bolt M10 x 40<br>– Transmission bracket           | 4 piece(s) |
| PAF913091                                                                            | ⇒ Hexagon flange bolt (combination)<br>M16 x 75<br>– Drive shaft | 2 piece(s) |
| 9A700846400                                                                          | ⇒ External hexalobular screw<br>– Transmission housing           | 7 piece(s) |
| WHT008727                                                                            | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                  | 4 piece(s) |
| 99240735700                                                                          | ⇒ Base plate<br>– Drive shaft                                    | 2 piece(s) |
| <b>Also use for all-wheel drive</b>                                                  |                                                                  |            |
| PAF911439                                                                            | ⇒ Cheese head bolt<br>– 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<br>– Location of use                                     | Quantity    |
|-------------|----------------------------------------------------------------------|-------------|
| ODT300041DX | ⇒ Transmission (I-no. G1F)                                           | 1 piece(s)  |
|             | <b>or</b>                                                            |             |
| ODT300043DX | ⇒ Transmission with differential lock<br>(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<br>(M-no. G1G)                 | 1 piece(s)  |
|             | <b>or</b>                                                            |             |
| ODU300043DX | ⇒ Transmission with differential lock<br>(M-no. OK1) and (M-no. G1F) | 1 piece(s)  |
|             | <b>or</b>                                                            |             |
| ODU300063DX | ⇒ Transmission with differential lock<br>(M-no. OK1) and (M-no. G1G) | 1 piece(s)  |
|             | <b>Additionally required parts</b>                                   |             |
| WHT008727   | ⇒ Cheese head bolt<br>– Drive shaft                                  | 12 piece(s) |
| 9A7407357   | ⇒ Base plate<br>– Drive shaft                                        | 6 piece(s)  |
| PAF008673   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                           | 2 piece(s)  |
| PAF008735   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                           | 2 piece(s)  |
| WHT007957   | ⇒ Hexagonal lock nut<br>– Coupling rod                               | 2 piece(s)  |
|             | <b>or</b>                                                            |             |
| 9A700781900 | ⇒ Hexagon nut<br>– Coupling rod (PDCC)                               | 2 piece(s)  |
| PAF909664   | ⇒ Hexagon collar nut<br>– Lower trailing arm                         | 2 piece(s)  |
| PAF008674   | ⇒ Hexagon flange bolt<br>– Lower trailing arm                        | 2 piece(s)  |

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

|                   |       |                   |
|-------------------|-------|-------------------|
| Location (FES5)   | 37343 | Gear housing seal |
| Damage type (SA4) | 3024  | porous            |

Parts and  
Materials (4A  
- 4B):

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

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

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

|                   |       |                |
|-------------------|-------|----------------|
| Location (FES5)   | 34570 | Oil drain plug |
| Damage type (SA4) | 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:

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

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

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

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

Parts (7B):

**Required parts:**

| <b>Part No.</b>                                                                          | <b>Designation<br/>– Location of use</b>                                      | <b>Quantity</b> |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|
| ODT323662                                                                                | ⇒ Flanged shaft<br>– Right halfshaft flange                                   | 1 piece(s)      |
| ODT321243                                                                                | ⇒ Shaft seal<br>– Right halfshaft flange                                      | 1 piece(s)      |
| PAF009145                                                                                | ⇒ Internal hexagon round-head bolt with<br>O-ring<br>– Right halfshaft flange | 1 piece(s)      |
| WHT008676                                                                                | ⇒ Hexagon-head bolt<br>– Right strut                                          | 2 piece(s)      |
| WHT008727                                                                                | ⇒ Cheese head bolt<br>– Drive shaft                                           | 6 piece(s)      |
| 9A7407357                                                                                | ⇒ Base plate<br>– Drive shaft                                                 | 3 piece(s)      |
| <b>Additionally required parts for vehicles<br/>with lithium-ion battery (M-no. 0K1)</b> |                                                                               |                 |
| WHT008727                                                                                | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                               | 2 piece(s)      |

99240735700

⇒ Base plate  
– Drive shaft

1 piece(s)

Parts (7C):

**Required parts:**

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

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

Labor position:

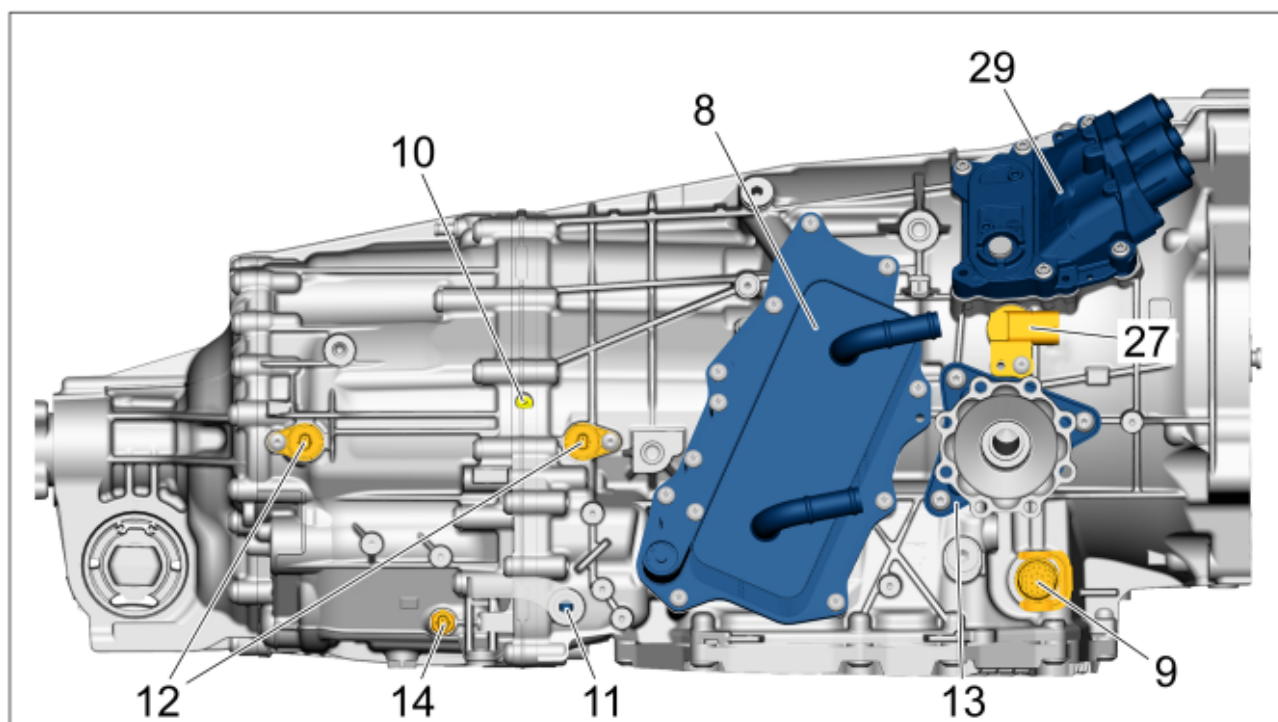
| APOS     | Labor operation                                             | I No. |
|----------|-------------------------------------------------------------|-------|
| 39255542 | Replace sealing ring for halfshaft flange                   |       |
| 39255542 | Replace sealing ring for joint flange (992 PA Coupe)        |       |
| 39255544 | Replace sealing ring for joint flange (992 PA<br>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<br>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<br>9A - 9B | Sealing ring damaged (A)   | Replace transmission wire harness (including sensors), see ⇒ Workshop Manual '377219 Removing and installing transmission wire harness (including sensors)'.<br><br><b>Valid for vehicles without an electric motor</b><br><br>Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.<br><br><b>Valid for vehicles with integrated electric motor</b> |
|                                                    |                                           | 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<br>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<br>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 ⇒ Workshop Manual '373427A2 Removing and attaching double-clutch transmission' |

Parts and Materials (8A):

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

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

|           |                                |            |
|-----------|--------------------------------|------------|
| ODT301461 | ⇒ Seal<br>– 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<br>– 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><br>5.28 gal |

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

Parts and  
Materials (8C):

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

| Part No.  | Designation<br>– Location of use                                | Quantity   |
|-----------|-----------------------------------------------------------------|------------|
| PAF009496 | ⇒ Internal hexagon round-head countersunk screw<br>– ATF cooler | 9 piece(s) |
| ODT301461 | ⇒ Seal<br>– 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<br>– 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><br>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):  
see Porsche Parts Catalogue

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

| <b>Part No.</b> | <b>Designation<br/>– Location of use</b>                          | <b>Quantity</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<br>– Drive shaft                               | 12 piece(s)     |
| 9A7407357       | ⇒ Base plate<br>– Drive shaft                                     | 6 piece(s)      |
| PAF008673       | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                        | 2 piece(s)      |
| PAF008735       | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                        | 2 piece(s)      |

|                                                                                          |                                                                  |            |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------|
| WHT007957                                                                                | ⇒ Hexagonal lock nut<br>– Coupling rod                           | 2 piece(s) |
|                                                                                          | <b>or</b>                                                        |            |
| 9A700781900                                                                              | ⇒ Hexagon nut<br>– Coupling rod (PDCC)                           | 2 piece(s) |
| PAF909664                                                                                | ⇒ Hexagon collar nut<br>– Lower trailing arm                     | 2 piece(s) |
| PAF008674                                                                                | ⇒ Hexagon flange bolt<br>– Lower trailing arm                    | 2 piece(s) |
| WHT008676                                                                                | ⇒ Hexagon-head bolt<br>– Strut                                   | 4 piece(s) |
| <b>Additionally required parts for vehicles<br/>with lithium-ion battery (M-no. 0K1)</b> |                                                                  |            |
| ODU301139                                                                                | ⇒ Seal<br>– Line connection box                                  | 1 piece(s) |
| ODU301215                                                                                | ⇒ Seal<br>– Line connection box                                  | 1 piece(s) |
| PAF910436                                                                                | ⇒ Internal hexagon round-head bolt<br>– Line connection box      | 6 piece(s) |
| 9A700861500                                                                              | ⇒ Hexagon-head bolt<br>– Anti-roll bar clamp                     | 4 piece(s) |
| PAF104694                                                                                | ⇒ M12 x 70 hexagon-head bolt<br>– Engine mount                   | 2 piece(s) |
| PAF008660                                                                                | ⇒ Collar nut M10<br>– Transmission support                       | 4 piece(s) |
| PAF009267                                                                                | ⇒ Hexagon-head bolt M10 x 40<br>– Transmission bracket           | 4 piece(s) |
| PAF913091                                                                                | ⇒ Hexagon flange bolt (combination)<br>M16 x 75<br>– Drive shaft | 2 piece(s) |
| 9A700846400                                                                              | ⇒ External hexalobular screw<br>– Transmission housing           | 7 piece(s) |
| WHT008727                                                                                | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                  | 4 piece(s) |
| 99240735700                                                                              | ⇒ Base plate<br>– Drive shaft                                    | 2 piece(s) |

PAF911439

#### Also use for all-wheel drive

⇒ Cheese head bolt  
– Cardan shaft

4 piece(s)

Labor Position and PCSS  
Encryption (10):

| 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) | 1817  | loose                |

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

| Part No.    | Designation<br>– Location of use | Quantity   |
|-------------|----------------------------------|------------|
| 9A700851800 | ⇒ Shaft seal<br>– 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:

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

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

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

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

| APOS     | Labor operation                     | I No. |
|----------|-------------------------------------|-------|
| 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><br>– <b>Location of use</b>  | <b>Quantity</b> |
|--------------------------------------------------------------------------------------|-------------------------------------------------|-----------------|
| ODT307125                                                                            | ⇒ Ball bearing<br>– Left halfshaft flange       | 1 piece(s)      |
| 9A7407357                                                                            | ⇒ Base plate<br>– Left drive shaft              | 3 piece(s)      |
| WHT008727                                                                            | ⇒ Cheese head bolt<br>– Left drive shaft        | 6 piece(s)      |
| WHT008676                                                                            | ⇒ Hexagon-head bolt<br>– Left strut             | 2 piece(s)      |
| <b>Additionally required parts for vehicles with lithium-ion battery (M-no. 0K1)</b> |                                                 |                 |
| WHT008727                                                                            | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft | 2 piece(s)      |
| 99240735700                                                                          | ⇒ Base plate<br>– Drive shaft                   | 1 piece(s)      |

Labor Position and PCSS Encryption (13): Labor position:

| <b>APOS</b> | <b>Labor operation</b>                | <b>I No.</b> |
|-------------|---------------------------------------|--------------|
| 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):

| <b>Part No.</b> | <b>Designation</b>   | <b>Quantity</b> |
|-----------------|----------------------|-----------------|
| 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,<br>limited-slip differential | 1-liter container <sup>1)</sup><br>33.81 fl oz |

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

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

Labor position:

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

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

|                   |       |                    |
|-------------------|-------|--------------------|
| Location (FES5)   | 34780 | Temperature sensor |
| Damage type (SA4) | 1511  | Breakage           |

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

| Part No.  | Designation<br>– Location of use                            | Quantity   |
|-----------|-------------------------------------------------------------|------------|
| ODU301139 | ⇒ Seal<br>– Line connection box                             | 1 piece(s) |
| ODU301215 | ⇒ Seal<br>– Line connection box                             | 1 piece(s) |
| PAF910436 | ⇒ Internal hexagon round-head bolt<br>– Line connection box | 6 piece(s) |
| WHT008676 | ⇒ Hexagon-head bolt M12 x 45<br>– Rear axle strut           | 4 piece(s) |
| PAF007957 | ⇒ Hexagon self-clinching nut M10<br>– Coupling rod          | 2 piece(s) |

or

|                                     |                                                                          |             |
|-------------------------------------|--------------------------------------------------------------------------|-------------|
| 9A700781900                         | ⇒ Hexagon nut M12<br>– Coupling rod (PDCC) (M-no. 1P7)                   | 2 piece(s)  |
| 9A700861500                         | ⇒ Hexagon-head bolt<br>– Anti-roll bar clamp                             | 4 piece(s)  |
| PAF008674                           | ⇒ Hexagon flange bolt, M12 x 105<br>– Trailing arm                       | 2 piece(s)  |
| PAF909664                           | ⇒ Hexagon collar nut, self-locking M12<br>– Trailing arm                 | 2 piece(s)  |
| PAF008735                           | ⇒ Hexagon-head bolt, M12 x 95<br>– Rear-axle carrier                     | 2 piece(s)  |
| PAF008673                           | ⇒ Hexagon-head bolt M12 x 110<br>– Rear-axle carrier                     | 2 piece(s)  |
| PAF104694                           | ⇒ M12 x 70 hexagon-head bolt<br>– Engine mount                           | 2 piece(s)  |
| PAF008660                           | ⇒ Collar nut M10<br>– Transmission support                               | 4 piece(s)  |
| PAF009267                           | ⇒ Hexagon-head bolt M10 x 40<br>– Transmission bracket                   | 4 piece(s)  |
| WHT008727                           | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                          | 16 piece(s) |
| 99240735700                         | ⇒ Base plate<br>– Drive shaft                                            | 8 piece(s)  |
| PAF913091                           | ⇒ Hexagon flange bolt (combination)<br>M16 x 75<br>– Drive shaft         | 2 piece(s)  |
| <b>Also use for all-wheel drive</b> |                                                                          |             |
| PAF911439                           | ⇒ Cheese head bolt with multiple-tooth<br>head M8 x 16<br>– Cardan shaft | 4 piece(s)  |

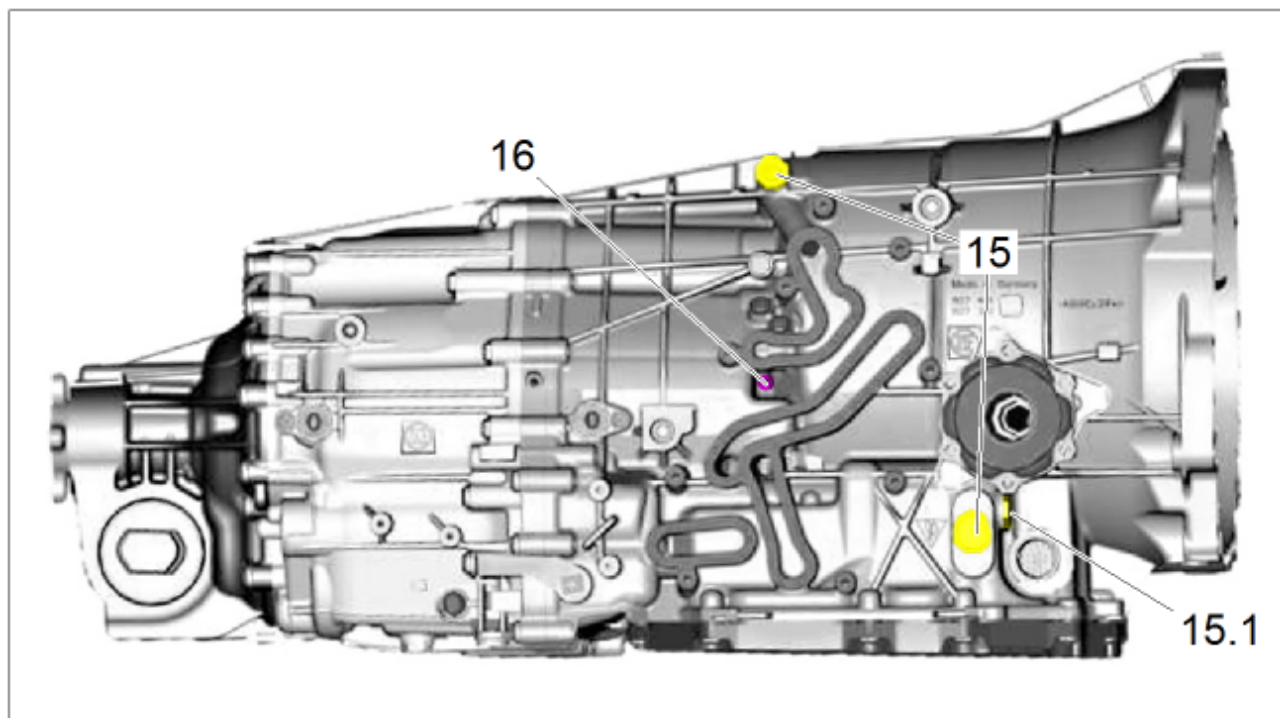
Labor Position and PCSS  
Encryption (29):

Labor position:

| 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<br>15A - 15B                                                                  | Screw loose (A)            | Replace screw and tighten to 27 Nm (20 ftlb.).                                                              |
|                                                         |                                                                                          | Sealing ring damaged (B)   |                                                                                                             |
|                                                         | Oil filler screw<br>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<br>15.1A - 15.1B                                                              | Screw loose (A)            | Replace screw and tighten to 27 Nm (20 ftlb.).                                                              |
|                                                         |                                                                                          | Sealing ring damaged (B)   |                                                                                                             |
| ⇒ Left side of transmission                             | Oil chamber partition<br>If there are oil leakages in this area, see also ⇒ Left side of | Shaft sealing ring damaged | Check the area using an endoscope.<br>Replace double-clutch transmission if there are leaks, see ⇒ Workshop |

(without ATF cooler) -16-

transmission (without ATF cooler) -8 and 15 / 15.1-

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:

|                   |       |                      |
|-------------------|-------|----------------------|
| Location (FES5)   | 37370 | Transmission housing |
| Damage type (SA4) | 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): Labor position:

| 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<br>– 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) |

#### Additionally required parts

|             |                                               |             |
|-------------|-----------------------------------------------|-------------|
| WHT008727   | ⇒ Cheese head bolt<br>– Drive shaft           | 12 piece(s) |
| 9A7407357   | ⇒ Base plate<br>– Drive shaft                 | 6 piece(s)  |
| PAF008673   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier    | 2 piece(s)  |
| PAF008735   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier    | 2 piece(s)  |
| WHT007957   | ⇒ Hexagonal lock nut<br>– Coupling rod        | 2 piece(s)  |
| <b>or</b>   |                                               |             |
| 9A700781900 | ⇒ Hexagon nut<br>– Coupling rod (PDCC)        | 2 piece(s)  |
| PAF909664   | ⇒ Hexagon collar nut<br>– Lower trailing arm  | 2 piece(s)  |
| PAF008674   | ⇒ Hexagon flange bolt<br>– Lower trailing arm | 2 piece(s)  |
| WHT008676   | ⇒ Hexagon-head bolt<br>– Strut                | 4 piece(s)  |

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

|             |                                                             |            |
|-------------|-------------------------------------------------------------|------------|
| ODU301139   | ⇒ Seal<br>– Line connection box                             | 1 piece(s) |
| ODU301215   | ⇒ Seal<br>– Line connection box                             | 1 piece(s) |
| PAF910436   | ⇒ Internal hexagon round-head bolt<br>– Line connection box | 6 piece(s) |
| 9A700861500 | ⇒ Hexagon-head bolt<br>– Anti-roll bar clamp                | 4 piece(s) |
| PAF104694   | ⇒ M12 x 70 hexagon-head bolt<br>– Engine mount              | 2 piece(s) |
| PAF008660   | ⇒ Collar nut M10<br>– Transmission support                  | 4 piece(s) |
| PAF009267   | ⇒ Hexagon-head bolt M10 x 40<br>– Transmission bracket      | 4 piece(s) |

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

Labor Position and PCSS  
Encryption (16):

Labor position:

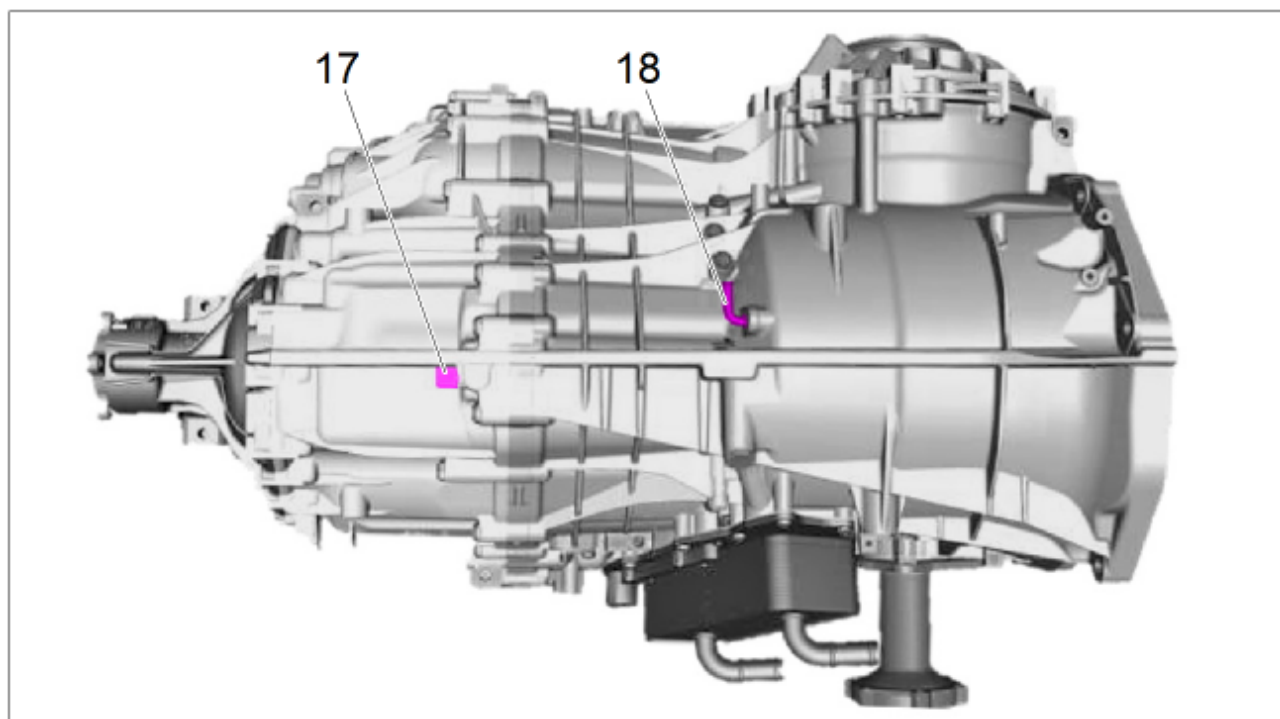
| APOS     | Labor operation                                                                         | I No. |
|----------|-----------------------------------------------------------------------------------------|-------|
| 37341905 | Remove and install double-clutch transmission (Coupe, without PDCC)                     |       |
| 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)                      |       |

| APOS     | Labor operation                                                  | I No. |
|----------|------------------------------------------------------------------|-------|
| 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<br>-17- | Hydraulic space breather<br>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<br>-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<br>– 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                                                                   | 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<br>– Line connection box      | 6 piece(s) |
| 9A700861500                         | ⇒ Hexagon-head bolt<br>– Anti-roll bar clamp                     | 4 piece(s) |
| PAF104694                           | ⇒ M12 x 70 hexagon-head bolt<br>– Engine mount                   | 2 piece(s) |
| PAF008660                           | ⇒ Collar nut M10<br>– Transmission support                       | 4 piece(s) |
| PAF009267                           | ⇒ Hexagon-head bolt M10 x 40<br>– Transmission bracket           | 4 piece(s) |
| PAF913091                           | ⇒ Hexagon flange bolt (combination)<br>M16 x 75<br>– Drive shaft | 2 piece(s) |
| 9A700846400                         | ⇒ External hexalobular screw<br>– Transmission housing           | 7 piece(s) |
| WHT008727                           | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                  | 4 piece(s) |
| 99240735700                         | ⇒ Base plate<br>– Drive shaft                                    | 2 piece(s) |
| <b>Also use for all-wheel drive</b> |                                                                  |            |
| PAF911439                           | ⇒ Cheese head bolt<br>– Cardan shaft                             | 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><br>5.28 gal |

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

Labor Position and PCSS  
Encryption (17A  
– 17B):

Labor position:

| APOS     | Labor operation                                                                         | I No. |
|----------|-----------------------------------------------------------------------------------------|-------|
| 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)          |       |
| 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<br>– Location of use                                        | Quantity   |
|-----------|-------------------------------------------------------------------------|------------|
| PAF009390 | Required parts for checking oil level<br>⇒ 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<br>– Drive shaft                               | 12 piece(s) |
| 9A7407357                                        | ⇒ Base plate<br>– Drive shaft                                     | 6 piece(s)  |
| PAF008673                                        | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                        | 2 piece(s)  |
| PAF008735                                        | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                        | 2 piece(s)  |
| WHT007957                                        | ⇒ Hexagonal lock nut<br>– Coupling rod                            | 2 piece(s)  |
|                                                  | <b>or</b>                                                         |             |
| 9A700781900                                      | ⇒ Hexagon nut<br>– Coupling rod (PDCC)                            | 2 piece(s)  |
| PAF909664                                        | ⇒ Hexagon collar nut<br>– Lower trailing arm                      | 2 piece(s)  |
| PAF008674                                        | ⇒ Hexagon flange bolt<br>– Lower trailing arm                     | 2 piece(s)  |

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

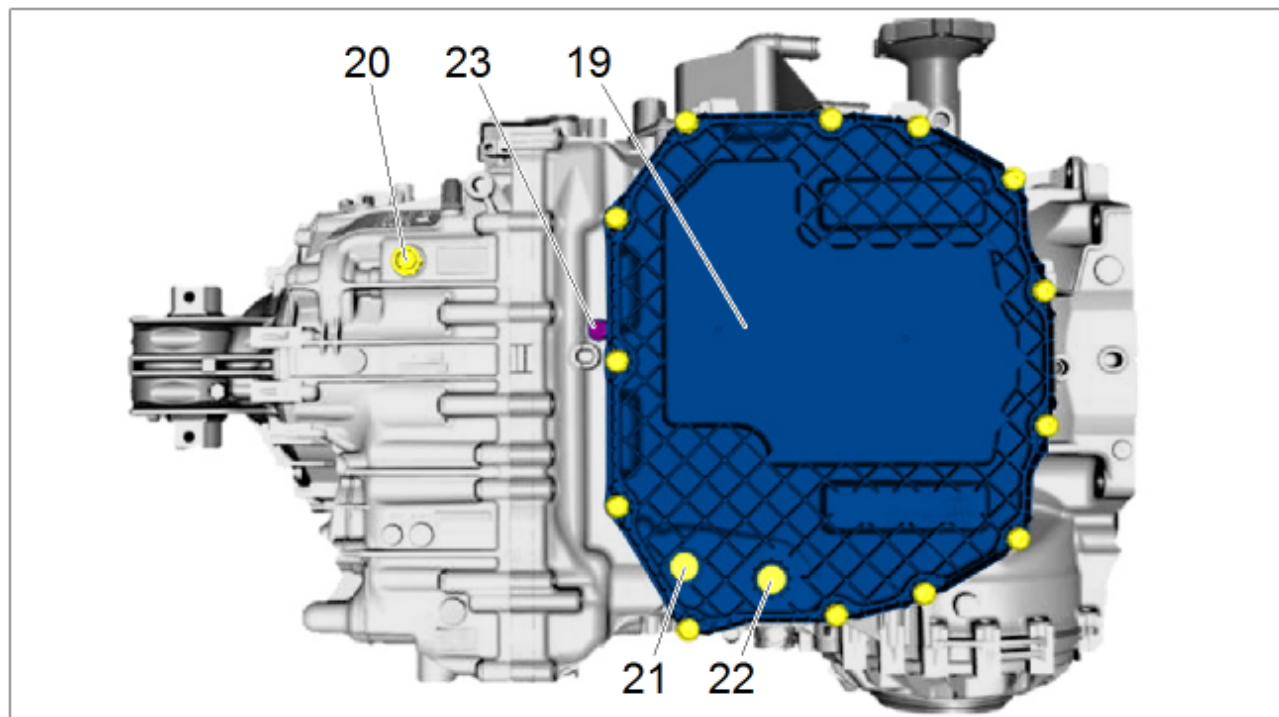
Labor position and PCSS encryption (18):

| 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 lower side area of the transmission



Lower side of transmission

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

|                                      |                             |                            |                                                                                                                        |
|--------------------------------------|-----------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| ⇒ Lower side of transmission<br>-22- | Oil drain plug<br>22A - 22B | Screw loose (A)            | Replace screw, see ⇒ Workshop Manual '370255 Changing ATF'.                                                            |
|                                      |                             | Sealing ring damaged (B)   |                                                                                                                        |
| ⇒ Lower side of transmission<br>-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)  |
| or        |                                    |             |
| 9P1321359 | ⇒ Transmission oil pan<br>— 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><br>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:

| Location (FES5)   | 37370 | Transmission housing |
|-------------------|-------|----------------------|
| Damage type (SA4) | 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:

| Location (FES5)   | 34570 | Oil drain plug |
|-------------------|-------|----------------|
| Damage type (SA4) | 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><br>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<br>– Location of use                     | Quantity   |
|-------------|------------------------------------------------------|------------|
| ODT300041DX | ⇒ Transmission (M-no. G1F)                           | 1 piece(s) |
|             | <b>or</b>                                            |            |
| ODT300043DX | ⇒ Transmission with differential lock<br>(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<br>(M-no. G1G)                                     | 1 piece(s)  |
|             | <b>or</b>                                                                                |             |
| ODU300043DX | ⇒ Transmission with differential lock<br>(M-no. OK1) and (M-no. G1F)                     | 1 piece(s)  |
|             | <b>or</b>                                                                                |             |
| ODU300063DX | ⇒ Transmission with differential lock<br>(M-no. OK1) and (M-no. G1G)                     | 1 piece(s)  |
|             | <b>Additionally required parts</b>                                                       |             |
| WHT008727   | ⇒ Cheese head bolt<br>– Drive shaft                                                      | 12 piece(s) |
| 9A7407357   | ⇒ Base plate<br>– Drive shaft                                                            | 6 piece(s)  |
| PAF008673   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                                               | 2 piece(s)  |
| PAF008735   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                                               | 2 piece(s)  |
| WHT007957   | ⇒ Hexagonal lock nut<br>– Coupling rod                                                   | 2 piece(s)  |
|             | <b>or</b>                                                                                |             |
| 9A700781900 | ⇒ Hexagon nut<br>– Coupling rod (PDCC)                                                   | 2 piece(s)  |
| PAF909664   | ⇒ Hexagon collar nut<br>– Lower trailing arm                                             | 2 piece(s)  |
| PAF008674   | ⇒ Hexagon flange bolt<br>– Lower trailing arm                                            | 2 piece(s)  |
| WHT008676   | ⇒ Hexagon-head bolt<br>– Strut                                                           | 4 piece(s)  |
|             | <b>Additionally required parts for vehicles<br/>with lithium-ion battery (M-no. OK1)</b> |             |
| ODU301139   | ⇒ Seal<br>– Line connection box                                                          | 1 piece(s)  |
| ODU301215   | ⇒ Seal<br>– Line connection box                                                          | 1 piece(s)  |
| PAF910436   | ⇒ Internal hexagon round-head bolt<br>– Line connection box                              | 6 piece(s)  |

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

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

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

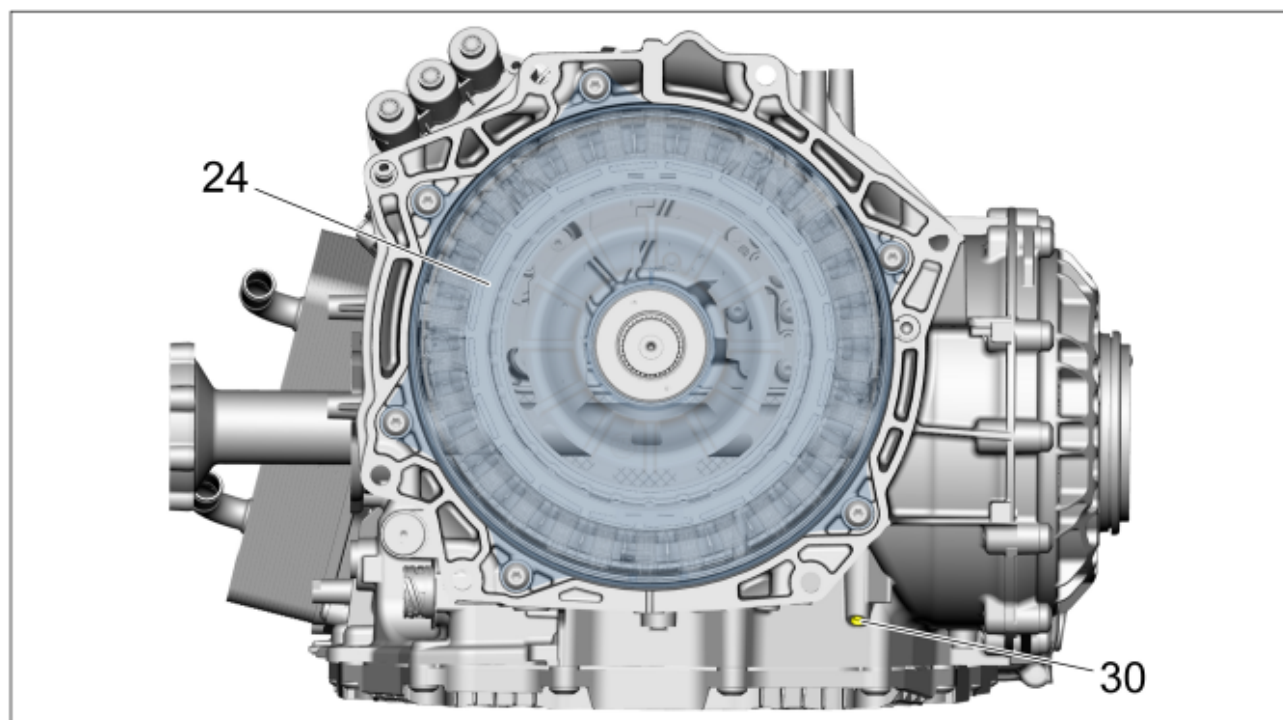
|                   |       |                      |
|-------------------|-------|----------------------|
| Location (FES5)   | 37370 | Transmission housing |
| Damage type (SA4) | 1511  | Breakage             |

## 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<br>-24- | Clutch bell-housing<br>24A - 24E | O-ring on clutch cover damaged (A)          | <p>Replace clutch cover sealing ring, see ⇒ Workshop Manual '373419 Removing and installing double clutch'.</p> <p><b>valid for vehicles without integrated electric motor.</b></p> <p>Replace double-clutch transmission, see ⇒ Workshop Manual '373419 Removing and installing double clutch transmission'.</p> <p><b>valid for vehicles with integrated electric motor.</b></p> |
|                                     |                                  | 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 ⇒ <i>Workshop Manual '391555 Replacing flanged-shaft sealing ring'.</i> |
| ⇒ Rear side of transmission<br>-30- | Leakage oil bore | Shaft sealing ring for differential inner damaged | Replace sealing ring, see ⇒ <i>Workshop Manual '391555 Replacing flanged-shaft sealing ring'.</i> |

Parts (24A - 24E):

#### Required parts (for clutch bell-housing):

| Part No.    | Designation<br>– 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>                                |             |
| 9A714242600 | ⇒ Shaft seal<br>– Intermediate shaft                              | 1 piece(s)  |
|             | <b>or</b>                                                         |             |
| ODT321176   | ⇒ Shaft seal<br>– Flanged shaft                                   | 1 piece(s)  |
| WHT008727   | ⇒ Cheese head bolt<br>– Drive shaft                               | 12 piece(s) |
| 9A7407357   | ⇒ Base plate<br>– Drive shaft                                     | 6 piece(s)  |

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

99240735700

⇒ Base plate

2 piece(s)

– Drive shaft

**Also use for all-wheel drive**

PAF911439

⇒ Cheese head bolt

4 piece(s)

– Cardan shaft

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

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 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)                                                     |       |

| APOS     | Labor operation                                 | I No. |
|----------|-------------------------------------------------|-------|
| 39155558 | Replace the flanged-shaft sealing ring          |       |
| 39155590 | Replace the flanged-shaft sealing ring (992 PA) |       |

PCSS encryption:

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

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

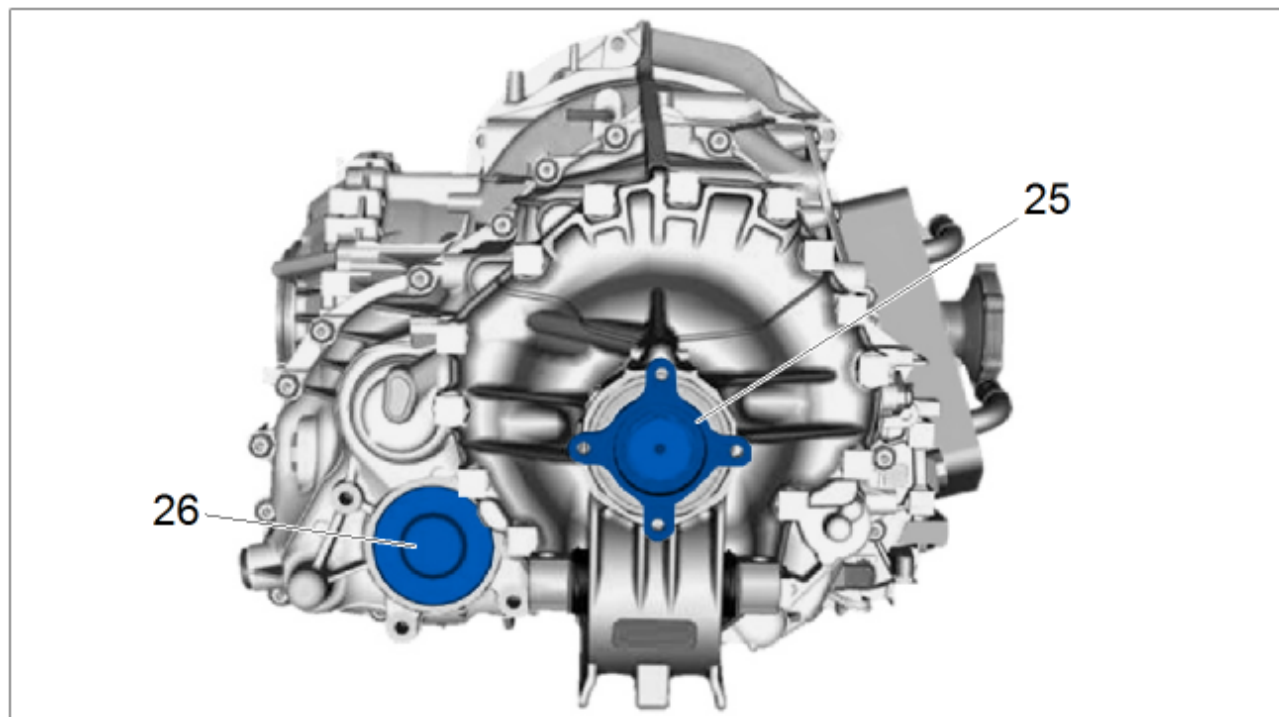
Labor Position    Labor position:  
 and PCSS  
 Encryption (30):

| 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<br>-25- | Output flange<br>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<br>-26- | Cover                      | Cover damaged             | Replace cover, see ⇒ Workshop Manual '374955 Replacing cover'.                                               |

Parts (25A - 25B):

#### Required parts (for cardan flange):

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

|             |                                                                                          |             |
|-------------|------------------------------------------------------------------------------------------|-------------|
| ODT311183   | ⇒ Circlip<br>– Output flange                                                             | 1 piece(s)  |
| ODT301289   | ⇒ Dust boot<br>– Output flange                                                           | 1 piece(s)  |
| WHT008727   | ⇒ Cheese head bolt<br>– Drive shaft                                                      | 12 piece(s) |
| 9A7407357   | ⇒ Base plate<br>– Drive shaft                                                            | 6 piece(s)  |
| PAF911439   | ⇒ Cheese head bolt<br>– Cardan shaft                                                     | 4 piece(s)  |
| PAF008673   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                                               | 2 piece(s)  |
| PAF008735   | ⇒ Hexagon-head bolt<br>– Rear-axle carrier                                               | 2 piece(s)  |
| WHT007957   | ⇒ Hexagonal lock nut<br>– Coupling rod                                                   | 2 piece(s)  |
|             | <b>or</b>                                                                                |             |
| 9A700781900 | ⇒ Hexagon nut<br>– Coupling rod (PDCC)                                                   | 2 piece(s)  |
| PAF909664   | ⇒ Hexagon collar nut<br>– Lower trailing arm                                             | 2 piece(s)  |
| PAF008674   | ⇒ Hexagon flange bolt<br>– Lower trailing arm                                            | 2 piece(s)  |
| WHT008676   | ⇒ Hexagon-head bolt<br>– Strut                                                           | 4 piece(s)  |
|             | <b>Additionally required parts for vehicles<br/>with lithium-ion battery (M-no. 0K1)</b> |             |
| WHT008727   | ⇒ Cheese head screw M10 x 46.5<br>– Drive shaft                                          | 4 piece(s)  |
| 99240735700 | ⇒ Base plate<br>– 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<br>– Location of use              | Quantity   |
|-------------------------------------|-----------------------------------------------|------------|
| ODT321073                           | ⇒ Cover<br>– Transmission housing             | 1 piece(s) |
| PAF008673                           | ⇒ Hexagon-head bolt<br>– Rear-axle carrier    | 2 piece(s) |
| PAF008735                           | ⇒ Hexagon-head bolt<br>– Rear-axle carrier    | 2 piece(s) |
| WHT007957                           | ⇒ Hexagonal lock nut<br>– Coupling rod        | 2 piece(s) |
| <b>or</b>                           |                                               |            |
| 9A700781900                         | ⇒ Hexagon nut<br>– Coupling rod (PDCC)        | 2 piece(s) |
| PAF909664                           | ⇒ Hexagon collar nut<br>– Lower trailing arm  | 2 piece(s) |
| PAF008674                           | ⇒ Hexagon flange bolt<br>– Lower trailing arm | 2 piece(s) |
| <b>Also use for all-wheel drive</b> |                                               |            |
| PAF911439                           | ⇒ Cheese head bolt<br>– 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><br>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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