

**Eliminating Transmission Symptoms - Yellow Warning Message "Transmission Fault" Appears in the Instrument Cluster: Observe Specified Procedure (SY 86/20)**

Vehicle Type: **Taycan Turbo (Y1A)/Taycan Turbo S (Y1A)**

Model Year: **As of 2020**

Subject: **Automatic transmission**

Symptom: The yellow warning message "Transmission fault - Driving permitted" appears in the instrument cluster in the vehicle and the following entries are stored in the fault memory of the DME control unit:

P078000 Shift monitoring (009DE5)

P1C9800 Servo motor (clutches) – blocked (009D8F)

Cause: Claw clutch catching radially.

- Remedial Action:
- Check fault status "P078000 Shift monitoring (009DE5)".
  - Accelerate the vehicle and briefly press and release the accelerator pedal several times.

**Checking fault status**

Work Procedure: 1 Connect the **PIWIS Tester** to the vehicle and switch on the **PIWIS Tester**.

2 Establish operational readiness.

3 Start diagnostics.

4 Select '**Engine electronics (DME)**' control unit.



**Information**

The adaptation values for the transmission must not be reset.

5 Check fault status.

5.1 Select the '**Fault memory**' tab: The fault status "P078000 Shift monitoring (009DE5)" must be passive.

5.2 Select the RANGE drive mode and engage transmission range D: If the fault status is now active, the claw clutch is catching.

**Driving the vehicle**

- Work Procedure: 1 Select the transmission shift programme.
- 1.1 Select the '**Actual values/input signals**' tab.
  - 1.2 Select '**Transmission, selected shift programme**' in the menu.
- 2 Drive together with another person.
- 2.1 Accelerate the vehicle from stationary to max. 50 km/h (30 mph) and briefly press and release the accelerator pedal several times.
  - 2.2 At the same time, check the **PIWIS Tester** to see if the vehicle has shifted to second gear. If it has, the claw clutch is no longer catching. If not, repeat the procedure.

**Information**

If the claw clutch is still catching after the third attempt, contact your importer's Technical Support.

- 3 End operational readiness.
- 4 **Disconnect the PIWIS Tester** from the vehicle.

**Invoicing**

Invoicing: For documentation and warranty invoicing, enter the labor operations and PQIS coding specified below in the warranty claim:

APOS	Labor operation	I No.
37350100	Checking automatic transmission	
37354100	Repairing automatic transmission	

PQIS coding:

Location (FES5)	3000Z	Transmission
Damage type (SA4)	1127	does not change gear

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

© 2020 Porsche Cars North America, Inc.