

Workshop campaign W313 – replacing the ATF thermostat

Vehicle Type: **Cayenne S / Cayenne Turbo**

Model Year: **As of '03 (3)**

Equipment: Six-speed Tiptronic transmission A48/00 (S) and A48/50 (Turbo)

Concerns: **ATF thermostat**

Situation: **ATF thermostat does not open completely**

Information: The ATF thermostat does not open completely at the rated opening temperature of 85° C.

As a result of this, the ATF temperature may rise above the adaption limit at low outside temperatures, which may lead to comfort losses during gear shifting.

Procedure: Install a new version of the ATF thermostat.

Affected Vehicles: Only the vehicles listed in the dealer notification list (also see IPAS After Sales Service).

Part Nos.:	955.307.027.01	New thermostat (75°C opening temperature)	1 piece
	948.307.292.00	Round seal 11.1 x 1.78	2 pieces
	N. 906.660.01	Round seal 11.5 x 3	2 pieces
	000.043.205.28	ATF	1 litre container

Note ATF (1 litre) is sufficient for at least two vehicles.

Tools: Torque wrench 0-30 Nm (22 ftlb.)



Caution!

Emerging ATF oil is harmful to the eyes and may cause scalding.

> Danger of scalding from hot ATF.

> Use only ATF approved by Porsche.

Procedure: Replace the ATF thermostat

- 1 Remove the ATF thermostat, part No. 955.307.027.00 as described in Technical Manual, Group 3, Chapter 38 75 19.
- 2 Install a new ATF thermostat, part No. **955.307.027.01** as described in Technical Manual, Group 3, Chapter 38 75 19.
Note: Replace all sealing rings on the ATF lines and coat them with ATF.
- 3 Check and top up ATF fluid as described in Technical Manual, Group 3, Chapter 37 02 35.
- 4 Enter the campaign into the Guarantee and Maintenance booklet.

Working Time: **Scope 1:**

Removing and installing ATF thermostat

120 TU Cayenne S

130 TU Cayenne Turbo

Includes: Removing and installing engine guard, undoing and securing ATF lines, checking and topping up ATF.

Invoicing: **Damage Code W313 66 000, Repair Code 2**

References: Cayenne Technical Manual, Group 3:

> Repairs: 38 75 19 - Removing and installing ATF thermostat