



PORSCHE

Technical Bulletin

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Group: **1**

997 GT3 and RS – Checking the Oil Level

Due to feedback by customers we thought it necessary to clarify the checking of the Oil level procedure as it has been reported that it is not consistent.

Historically, all 911 models that have used a dry sump system with a separate oil reservoir have experienced this characteristic to differing degrees. When oil temperature increases the oil expands and this will increase the volume of oil in the oil tank.

Carrying out the Level Check

The car will allow the oil level check to be carried out once the coolant temperature has reached 80°C. If the car is warmed up through idling the oil temperature may only be 70°C, if the oil is measured at this point it may only show the bottom of the 3 bars between the 2 arrows displayed.



If the following procedure is carried out this will ensure any inconsistencies are minimised.

Revised Procedure

Only carry out the oil level check when the oil and coolant temperatures are as follows:-



Oil Temperature is at least 90° Centigrade
Coolant Temperature is at 80° Centigrade

Once the above is observed the maximum the oil level should display is as follows:-



The above oil level reading is a maximum value, if the bar above the top arrow is illuminated, some oil should be drained from the system and the level checking procedure repeated.

Each bar on the level gauge represents 0.5 litres, so there is a maximum of 1.5 litres between the arrows.

If you are in discussions with customers about the oil level and they are using their vehicles on track days, oil temperatures of up to 120°C are possible. If used under these circumstances it is advisable to only fill to the 1st or 2nd of the 3 bars between the arrows as the oil continues to expand with increasing temperature.

Should you have any queries with the above please do not hesitate to contact the Technical Department.