

Complaint - Oil Leak On Turbocharger: Reworking Turbocharger (59/18)

Model Line: **911 Carrera (991)**

Model Year: **As of 2017**

Subject: **Turbocharger**

Information: **If the customer complains about an oil leak on the turbocharger, always note the following information before doing any other work.**

⇒ **The turbocharger does not necessarily have to be replaced.**

- 1 Clean oil stains using a suitable cleaning agent ("solvent naphtha" or similar product – commercially available) and a clean cloth.
- 2 Spray the affected areas with a suitable leak-locating spray to find the exact location of the leak.
- 3 Perform a test drive.



Information

After the test drive, **check the affected areas on the turbocharger and find exactly where the oil leak is coming from:**

- **If oil is leaking from around the connections of a vent line, oil feed line or oil return line,**
- **only the turbocharger on bank 2 is affected,**
- **there is no loss of engine power or**
- **the turbocharger shows no signs of damage:**

⇒ **Correct the leak by replacing the relevant vent line/oil line along with its clips and seals,** see ⇒ *Workshop Manual '217119 Removing and installing oil feed line for turbocharger'*, ⇒ *Workshop Manual '217319 Removing and installing oil bleeder line on turbocharger'* or ⇒ *Workshop Manual '217819 Removing and installing oil return line for turbocharger'*.

- **If oil is leaking from around the intake manifold on the right-hand side (bank 2),**

⇒ **Check the seals (O-rings) in the intake manifold and replace them if necessary,** see ⇒ *Workshop Manual '212419 Removing and installing intake manifold'* and

⇒ **Check the oil separator for damage and replace it if necessary.**

End of action required.

– If there are no signs of an oil leak after the test drive, ask the customer to do the following:

⇒ Perform an **"extended test drive"** by driving the vehicle over a **distance of approx. 600 miles (1,000 km)** if possible and then **check again for an oil leak** (as described earlier in steps 1 to 3).

- Tools:
- Clean cloth
 - Cleaning agent (commercially available)
 - Leak-locating spray ("Spotcheck" or similar product – commercially available)

- References:
- ⇒ *Workshop Manual '217119 Removing and installing oil feed line for turbocharger'*
 - ⇒ *Workshop Manual '217319 Removing and installing oil bleeder line on turbocharger'*
 - ⇒ *Workshop Manual '217819 Removing and installing oil return line for turbocharger'*
 - ⇒ *Workshop Manual '212419 Removing and installing intake manifold'*

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