

Support for Evaluating Components: When Working on the Exhaust System (SI 41/18)



Information

This Technical Information shall remain valid until further notice.

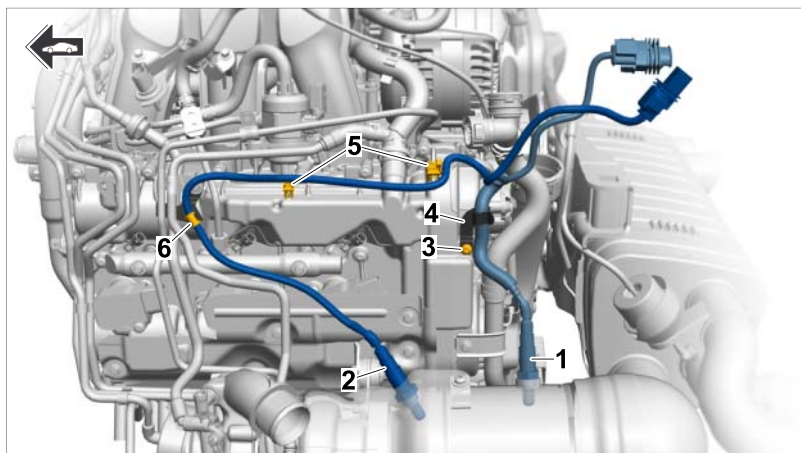
Model Line: **911 (991)**

Model Year: **As of 2017 up to 2018**

Subject: **Exhaust system**

Information: **The monolith in the catalytic converter may be damaged.**

Remedial Action: To verify catalytic converter damage, both oxygen sensors ⇒ *Installation overview of oxygen sensors on engine side, cylinders 1-3 (shown on the 911 Carrera)* -1 and 2- can be removed and the catalytic converter examined using a video endoscope prior to any disassembly.



Installation overview of oxygen sensors on engine side, cylinders 1-3 (shown on the 911 Carrera)

Tools: **VAS 6748 - Video endoscope** (or similar tool/commercially available)

VAS 6748/5 - Probe, Ø 6 mm, 90° viewing direction, for video endoscope (example, Snap-on BK5500Dual55 or BK8500Dual55)

Work Procedure: 1 Remove oxygen sensors.

⇒ *Workshop Manual '246919 Removing and installing oxygen sensor upstream of catalytic converter'*

⇒ *Workshop Manual '247319 Removing and installing oxygen sensor downstream of catalytic converter'*

**Information**

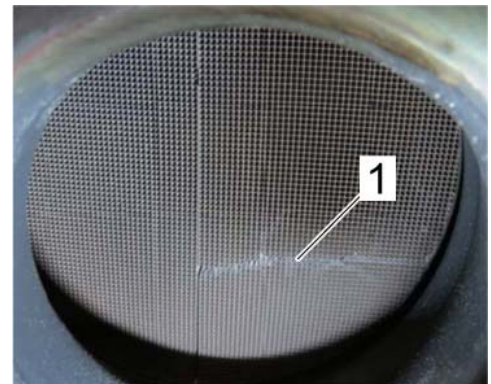
- Before doing any other work, any damage **must** be documented by taking photos if at all possible **before removing the catalytic converter or exhaust system** and these must be included as an attachment to the PQIS job.
- PCNA Technical Support must be informed.

2 Check monolith in the catalytic converter for damage:

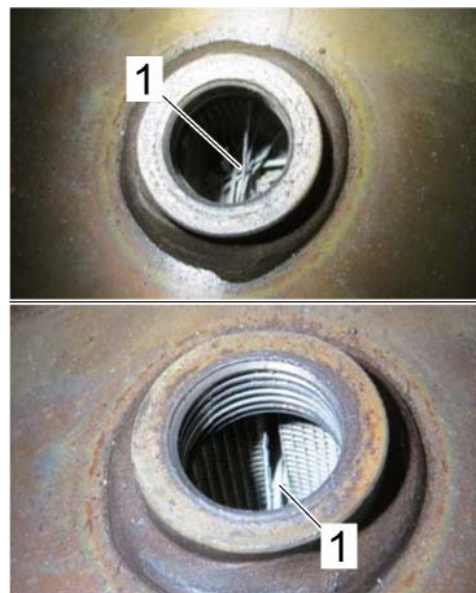
- 2.1 Examine the surface of the monolith by inserting **VAS 6748 - video endoscope** (recommended tool - or similar tool/commercially available) and if necessary, **VAS 6748/5 - probe, Ø 6 mm, 90° viewing direction, for video endoscope** (recommended tool - or similar tool/commercially available) through the opening on the oxygen sensor.

Example of damage ⇒ *Example: Damage to surface of monolith (1)-1-* to the surface of the monolith.

Example of damage ⇒ *Example: Damage to surface of monolith (2)-1-* to the surface of the monolith.



Example: Damage to surface of monolith (1)



Example: Damage to surface of monolith (2)

Invoicing: For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	26730	Catalytic converter
Damage type (SA4)	1511	Break

References: ⇒ *Workshop Manual '246919 Removing and installing oxygen sensor upstream of catalytic converter'*
 ⇒ *Workshop Manual '247319 Removing and installing oxygen sensor downstream of catalytic converter'*

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