

Replacement / Reconditioned Engine Needs to be Replaced: Only short engine or short block engine available (27 / 13)

Revisions: **This bulletin replaces bulletin Group 1 , #27 / 13, dated November 13, 2013.
The following has changed:**



Information

Changes / additions compared to the previous TI:

- **Information about any remaining oil in the engine** was added under "Action required".



Information

Changes / additions compared to the previous TI:

- The "**short block engine**" **variant** has been added under "Information" and "Action Required".
- The date specified under "Date of Introduction" has been changed to **one year after start of production**.

Model Year: **As of 1997**

Model Line: **All model lines**

Concerns: **Short engine or short block engine**

Information: **If the replacement / reconditioned engine needs to be replaced, only a short engine or short block engine** (depending on model line / model / vehicle type) is **available immediately**.

The cylinder head and add-on parts must be taken from the complete engine or replaced, depending on requirements and condition.



Information

The work that is carried out MUST be documented:

- Replacement of the short engine must be indicated by affixing the corresponding sticker (the sticker comes with the supplied short engine) in the "Vehicle data" section **in the Warranty and Maintenance booklet** (shown here as an example only: ⇒ *Figure 1 -item A-*) at the bottom right (shown here as an example only: ⇒ *Figure 1 -item B-*), thereby documenting replacement.



Figure 1

- A free page in the **"Proof of replacement of control units, sensors or software update"** (shown here as an example only: ⇒ *Figure 2 -item A-*) containing the vehicle data and order data must also be used **to confirm and enter the work that was carried out, including the dealer stamp**.

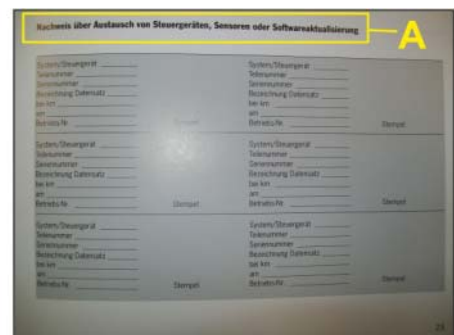


Figure 2

Date of Introduction: One year after start of production of the relevant vehicle type.

Action Required: **Depending on the engine variant required** (corresponding to model line/model/vehicle type), **a short engine or short block engine is available.**

a) The "short block engine" variant is supplied with cylinder head.

b) The "short engine" variant basically includes the crankcase and crankshaft.

The short engine is supplied **without the following components and add-on parts:**

- without cylinder head,
- without water pump,
- without power-steering pump,
- without generator (alternator),
- without starter and
- without intake system.

Recommended procedure for building the new complete engine:

Remove cylinder head and add-on parts from the old complete engine.

Clean old **ancillary units**, e.g.:

- Generator,
- starter,
- water pump/power-steering pump and
- air-conditioning compressor

and **wearing parts** e.g.:

- V-belt and
- tensioning rollers/idler pulleys

if possible, check/evaluate the parts in accordance with technical criteria and replace with appropriate new parts from the PET if necessary (according to the respective engine variant).

NOTICE

Driving without engine oil

- **Risk of engine damage**
 - **Risk of damage to components**
- ⇒ **The short engine is supplied without engine oil.**
- ⇒ **Fill with new engine oil before starting the engine.**



Information

The short engine/short block engine is always **supplied without engine oil**.

For the test run immediately after production, however, the short block engine is filled with engine oil. This engine oil is removed again after the test run.

The quantity of oil remaining in the short block engine can vary.

⇒ **Drain any remaining oil in the engine** via the **oil drain plug** to prevent overfilling with engine oil.

⇒ **The engine must then be filled with the defined and prescribed quantity of engine oil.**

⇒ **We recommend that you check the following components in particular and replace them, depending on mileage and engine usage:**

- V-belts,
- valve-stem seals

using the documents in the PIWIS information system (see ⇒ *Workshop Manual '100137 Disassembling and assembling engine'*)

Spare Parts:

**Information**Please refer to **parts kits that are already available** in the Porsche Parts Catalog (PET).

References:

⇒ *Workshop Manual '100137 Disassembling and assembling engine'*

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. If a particular condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your authorized Porsche Dealer for the latest information about whether a particular technical bulletin applies to your vehicle. Part numbers listed in these bulletins are for reference only. Always check with your authorized Porsche dealer to verify the current and correct part numbers. 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.

© Porsche Cars North America, Inc.

Dealership	Service Manager	_____	Shop Foreman	_____	Service Technician	_____	_____	_____	_____
Distribution									
Routing	Asst. Manager	_____	Warranty Admin.	_____	Service Technician	_____	_____	_____	_____

Dr. Ing. h.c. F. Porsche AG is the owner of numerous trademarks, both registered and unregistered, including without limitation the Porsche Crest®, Porsche®, Boxster®, Carrera®, Cayenne®, Cayman®, Macan®, Panamera®, Speedster®, Spyder®, 918 Spyder®, Tiptronic®, VarioCam®, PCM®, PDK®, 911®, RS®, 4S®, FOUR, UNCOMPROMISED®, and the model numbers and the distinctive shapes of the Porsche automobiles such as, the federally registered 911 and Boxster automobiles. The third party trademarks contained herein are the properties of their respective owners. Porsche Cars North America, Inc. believes the specifications to be correct at the time of printing. Specifications, performance standards, standard equipment, options, and other elements shown are subject to change without notice. Some options may be unavailable when a car is built. Some vehicles may be shown with non-U.S. equipment. The information contained herein is for internal authorized Porsche dealer use only and cannot be copied or distributed. Porsche recommends seat belt usage and observance of traffic laws at all times.

Printed in the USA