

WD53 - Reworking Underbody Protection in Rear Left Wheel Housing (Workshop Campaign)

Vehicle Type: **Boxster (981)/Boxster S (981)**

Model Year: **2014**

Concerns: **Underbody protection in rear left wheel housing**

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **There is a possibility that some of the underbody protection in the rear left wheel housing was not applied according to specifications on the affected vehicles due to a programming error at a production station.**

As a result, this area can become corroded over the service life of the vehicle.

Action Required: Rework underbody protection in the rear left wheel housing and repaint the affected area.



Information

Please inform the customer during vehicle acceptance about the measure that must be carried out. If necessary, also let the customer know that there can be a smell of paint for a while after the affected area has been painted.

Affected Vehicles: The VIN(s) can be checked by using PIWIS Vehicle Information link to verify if the campaign affects the vehicle. This campaign is scope specific to the VIN! Failure to verify in PIWIS may result in an improper repair.

- Materials:
- Underbody protection, e.g. Terostat 9320 multi-functional sealant, sprayable seam and surface sealant *
 - Primer, e.g. two-component primer Epoxidprimer
 - Paint in vehicle color
 - Sandpaper, P120 to P180 grain
 - Commercially available body brush (approx. 25 mm wide)
 - De-greasing cleaning agent, e.g. isopropanol
 - Adhesive tape
 - Protective film/masking tape
 - Clean, lint-free cloth

* The color of the underbody protection to be used must match the vehicle paintwork. Bright or dark underbody protection must therefore be used, depending on the color.

For warranty invoicing for **Part No. WD530000001**, enter "expendable items" designation as a **sublet part**.

Tools: **Multi-press telescopic spray gun V.A.G 1761/1** or **V.A.G 1628 - cartridge gun** , or similar.

Work Procedure: See Attachment "A".

Claim Submission: See Attachment "B".

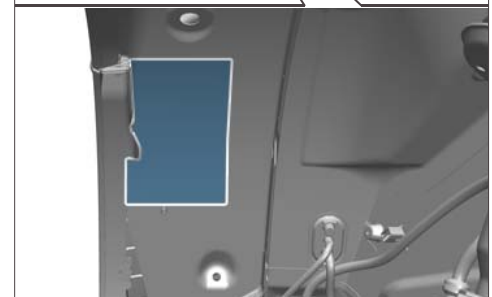
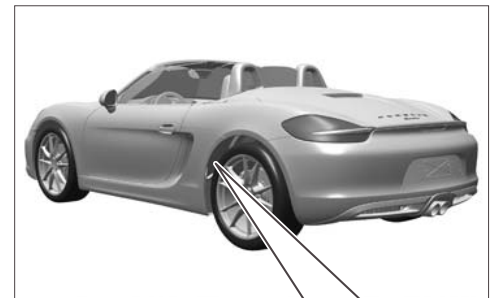
Attachment "A": **Work Procedure**



Information

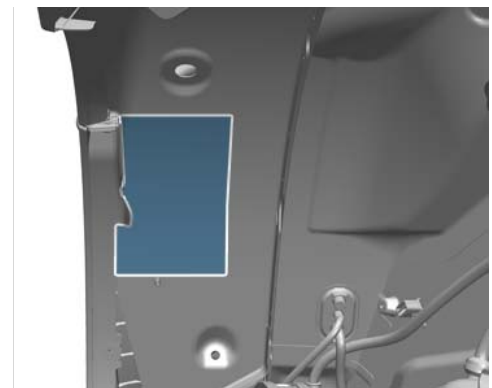
The affected area, in which the underbody protection must be reworked, is in the rear left wheel housing, at the same height as the body gap between the side panel and sill cover ⇒ *Overview* .

- 1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'* .
- 2 Remove left rear wheel ⇒ *Workshop Manual '440519 Removing and installing wheel'* .
- 3 Remove rear left wheel housing liner ⇒ *Workshop Manual '536919 Removing and installing rear wheel housing liner'* .



Overview

- 4 Clean the affected area in the rear left wheel housing ⇒ *Affected area in wheel housing* .
- 5 Then **sand** the affected area in the rear left wheel housing using P120 to P180 grain sandpaper.
- 6 Clean the affected area thoroughly to remove all sanding dust. Blow sanding dust off the affected area using compressed air if necessary.
- 7 Mask adjacent areas and components with suitable protective film or masking tape.
- 8 **Apply primer** to the affected area and leave it to dry. Read and follow the manufacturer's specifications provided with the primer.



Affected area in wheel housing



Information

To ensure an even application (spray pattern) of the sealing compound when using the **Multi-press telescopic spray gun V.A.G 1761/1**, apply the sealant on a piece of cardboard as a test before using it on the vehicle.

- 9 **Apply underbody protection** to the affected area using a suitable spray gun, e.g. **V.A.G 1761/1 Multi-press telescopic spray gun** or **V.A.G 1628 Cartridge gun**, or similar with a layer thickness of **1.0 mm – 1.3 mm** and leave it to dry ⇒ *Applying underbody protection*.
For additional information, see ⇒ *Workshop Manual '5X00IN03 Corrosion protection measures during repairs'*.



Applying underbody protection

- 10 Then **spot-paint** the affected area in vehicle color and leave it to dry.
- 11 Remove protective film or masking tape.



Information

Before re-installing the wheel housing liner, make sure that the reworked area in the wheel housing is completely dry and hardened.
If not, the paintwork can become damaged, resulting in corrosion in this area.

- 12 Install rear left wheel housing liner ⇒ *Workshop Manual '536919 Removing and installing rear wheel housing liner'*.
- 13 Install left rear wheel ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 14 Remove the vehicle from the lifting platform.
- 15 Enter the workshop campaign in the Warranty and Maintenance booklet.

Attachment "B": **Claim Submission** - Workshop Campaign WD53
 Warranty claims should be submitted via WWS/PQIS.
 Open campaigns may be checked by using either the PIWIS Vehicle Information system or through PQIS Job Creation.
 Labor will be automatically inserted when Technician is selected in WWS/PQIS.
 If necessary, the required part numbers will need to be manually entered into warranty system by the dealer administrator.



Information

The specified working time was determined specifically for carrying out this workshop campaign and may differ from the working times published in the Labor Operation List in PIWIS.

Working time:

Reworking underbody protection in rear left wheel housing

Labor time: **109 TU**

- Includes:
- Removing and installing left rear wheel
 - Removing and installing rear left wheel housing liner
 - Cleaning affected area in the rear left wheel housing
 - Masking adjacent areas
 - Sanding affected area in the rear left wheel housing
 - Applying primer to the affected area
 - Spot-painting the affected area in the rear left wheel housing

Parts required:

WD530000001*	Expendable items *	1 ea. (for warranty invoicing only *)
	<ul style="list-style-type: none"> • Underbody protection • Primer • Paint in vehicle color • De-greasing cleaning agent • Sandpaper • Protective film/masking tape • Adhesive tape • Commercially available paintbrush • Cleaning cloth 	

* For warranty invoicing for Part No. WD530000001, enter "expendable items" designation as a **sublet part**.

⇒ **Damage code WD53 066 000 1**

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	Asst. Manager	_____	Warranty Admin.	_____	Service Technician	_____	_____
Routing							

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®, Panamera®, Speedster®, Spyder®, 918 Spyder®, Tiptronic®, VarioCam®, PCM®, PDK®, 911®, 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 use only by authorized Porsche dealers and authorized users and cannot be copied or distributed. Porsche recommends seat belt usage and observance of traffic laws at all times.

Printed in the USA