

Symptom - Engine - Pulsating Noise From The Engine Compartment: Replacing oil separator (SY 05/14)

Model Year: **As of 2009 up to 2016 Sports Cars (9x7/9x1)**

Symptom

Customers complain about a high-frequency pulsating noise from the engine compartment.

Boxster/Cayman (987/981) - Cause, introduction date and remedial action

Cause

The noises can occur if there is excessive spring force tolerance in the oil separator

Date of introduction

The optimized oil separators are used in production from November 25, 2015.

Remedial action

In the event of a customer complaint, check the part number of the installed oil separator and replace the oil separator if necessary.

- If an oil separator with the **Part No.** 9A1.107.042.01 is installed, replace the oil separator.
- If an oil separator with the **Part No.** 9A1.107.042.02 is installed, the cause of the fault is not the cause described here. Find the cause of the fault and correct it. End of remedial action.

911 (997/991) - Cause, introduction date and remedial action

Cause

The noises can occur if there is excessive spring force tolerance in the oil separator.

Date of introduction

The optimized oil separators are used in production from November 25, 2015.

Remedial action

Check the part number of the installed oil separator and replace the oil separator if necessary.

- If an oil separator with the **Part No.** 9A1.107.040.01 is installed, replace the oil separator.
- If an oil separator with the **Part No.** 9A1.107.040.02 is installed, the cause of the fault is not the cause described here. Find the cause of the fault and correct it. End of remedial action.

Tools and materials**Part No.:**

9A1.107.042.02 NEW

Designation:

⇒ Oil mist separator assy. with O-rings

Replacing oil separator

- 1 Replace oil separator. ⇒ *Workshop Manual '105519 Removing and installing oil separator'*

Invoicing - Boxster/Cayman (981)

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
10551950	Removing and installing oil separator	
55781900	Removing and installing engine compartment lid	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

Invoicing - Cayman (987)

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
55591903	Removing and installing rear wall cover	
10551900	Removing and installing oil separator	
55781903	Removing and installing engine compartment lid	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

Invoicing - Boxster (987)

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
55591900	Removing and installing rear wall cover	
10551900	Removing and installing oil separator	
55781900	Removing and installing engine compartment lid	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

Invoicing - 911 (991) MY 2012-16 Except GTS and Turbo models

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
10555548	Replacing oil separator	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

The work involved is invoiced under the labour operation:

Invoicing - 911 (991) MY 2014-16 GTS and Turbo models

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
10555549	Replacing oil separator	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

Invoicing - 911 (997) MY 2009-12 Except Turbo models

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
1055548	Replacing oil separator	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

Invoicing - 911 (997) MY 2009-12 Turbo models

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
1055549	Replacing oil separator	

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

Location (FES5)	10550	Oil separator
Damage type (SA4)	2022	whining, whistling

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