

Eliminating Symptoms in Body Interior: Re-programming DME Control Unit (Warning in instrument cluster "Maximum oil level exceeded - Below minimum oil level" / SY3511)

Vehicle Type: Panamera S Hybrid
Panamera S E-Hybrid

Model Year: As of 2012

General information



Information

These symptom-based repair instructions replace the repair instructions dated February 17, 2015.

Changes / additions compared to the previous repair instructions:

- The sections 'Cause' and 'Remedial Action' now include information on "Below minimum oil level".
- The **PIWIS Tester III software 34.010.020** (or higher) must be installed.

Symptom

The warning message "Maximum oil level exceeded" appears in the instrument cluster.

Cause, remedial action and validity

Cause

Frequent short trips and city driving can cause the warning "Maximum oil level exceeded" to appear in the instrument cluster.



Information

If the engine-oil level is increased, the implausible warning message "Below minimum oil level" can also be displayed if the oil level is outside of the measuring range detected by the oil level sensor.

Remedial action



Information

If an oil level warning message ("Maximum oil level exceeded" **or** "Below minimum oil level") appears in the instrument cluster, **the current oil level must always be checked using the AfterSales Service dipstick before doing any other work**, see ⇒ *Workshop Manual '170101 Checking engine-oil level'*.

Re-program DME control unit using PIWIS Tester II with software version 34.010.020 (or higher) installed. Then, change the engine oil **by adding the updated engine oil fill quantity**.

**Information**

The previous engine oil fill quantity specifications in the Additional Owner's Manual (chapter "Technical Data" ⇒ "Filling capacities") must be covered over by affixing the relevant sticker showing the changed engine oil fill quantity of 6.25 l from the sticker set WKD.948.812.12.

The sticker showing the changed engine oil fill specifications must also be affixed on the engine cover, right next to the engine oil filler neck.

Overview of adapted DME software – depending on vehicle type and model year:

Vehicle type	Model year	Procedure for adapted DME software:	Adapted DME software available for:
Panamera S Hybrid	C; 2012 / D; 2013	Execute programming code " SY2011FL05 " in the Additional menu • F7 " ⇒ see "Re-programming DME control unit" ¹⁾	Emission variants and country versions: EU5, China, ULEV (USA, Canada) ⇒ PIWIS Tester III software version 34.010.020 or higher
Porsche part number: 970.618.57x.06			
Panamera S E-Hybrid	from E; 2014	Execute programming code " L5G5Q " in the Additional menu • F7 " ⇒ see "Re-programming DME control unit" ¹⁾	All emission variants and country versions ⇒ PIWIS Tester III software version 34.010.020 or higher
Porsche part number: 970.618.51x.10			
¹⁾ If "Automatic programming" of the DME software is subsequently performed (at a later time) using the PIWIS Tester, the specially adapted DME software will be over-written again by the standard software!			

Tools and materials**Tools and materials**

Battery Charger / Power Supply - Suitable for AGM Type batteries, recommended current rating of 70A fixed voltage 13.5V to 14.5V

9900 - PIWIS Tester III with software version 34.010.020 (or higher) installed

WKD.948.812.12 NEW ⇒ 'Engine oil fill quantity' sticker set

**Information**

The sticker set can be ordered through POLARIS.

Preliminary work**Preliminary work**

- 1 Carry out general preliminary work for control unit programming as described in *⇒ Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Preliminary work"*.

Re-programming DME control unit**Re-programming DME control unit**

The basic procedure for programming a control unit is described in the Workshop Manual *⇒ Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Programming"*.

Specific information on control unit programming during this campaign:

Required PIWIS Tester software version:	34.010.020 (or higher)
Type of control unit programming:	Control unit programming using the 'Campaign' function in the Additional menu on the PIWIS Tester by entering a programming code.
Programming code:	For Panamera S Hybrid; MY C/D: SY2011FL05 For Panamera S E-Hybrid; MY E: L5G5Q
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. The DME control unit is re-programmed during the programming sequence. Once programming is complete, the control unit is re-coded automatically . Do not interrupt programming and coding.

Procedure in the event of error messages appearing during the programming sequence:	⇒ Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Fault finding"'.
Procedure in the event of abnormal termination of control unit programming:	Repeat control unit programming by entering the programming code again.

Draining and filling in engine oil

Draining and filling engine oil



Information

When changing engine oil, please observe the **new engine oil fill quantity** of **6.25 l**.

⇒ Workshop Manual '170117 Changing engine oil and oil filter'

Affixing sticker

- 2 Affix sticker ⇒ *Sticker set allocation -1-* in the Additional Owner's Manual.

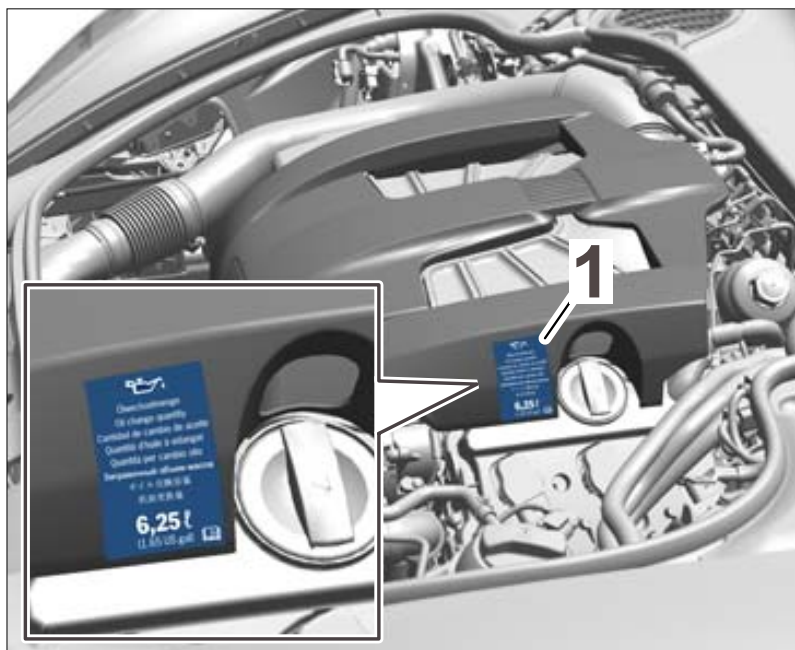
- 2.1 The previous engine oil fill quantity specification in the **Additional Owner's Manual for hybrid vehicles** (chapter ⇒ "Technical Data", section ⇒ "Filling capacities") must be covered over by affixing the relevant sticker ⇒ *Sticker set allocation -1-* showing the **changed engine oil fill quantity of 6.25 l** from the sticker set WKD.948.812.12.

- 3 Affix sticker ⇒ *Sticker set allocation -2-* on the engine cover.

- 3.1 Clean the surface ⇒ *Bonding surface on engine cover -1-* on which you want to affix the sticker using suitable cleaning agent to remove any dust and grease.



Sticker set allocation



Bonding surface on engine cover

- 3.2 Affix the sticker at an equal distance to the lower edge of the engine cover and engine oil filler neck ⇒ *Bonding surface on engine cover -inset-* and press it on firmly.



Information

Please inform your customers about the modified engine oil fill quantity and the related stickers on the engine cover and in the Additional Owner's Manual.

Subsequent work

Subsequent work

- 1 Carry out general subsequent work for control unit programming as described in the Workshop Manual ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Subsequent work"*.

Invoicing

Invoicing

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
17301955	Removing and installing oil filter	
17011765	Draining and filling engine oil	
17013553	Checking and topping up engine oil	
51921900	Removing and installing front covers	
24702515	Programming DME control units	
03350053	On-board diagnosis	

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

Location (FES5)	17010	Engine oil
Damage type (SA4)	1035	Too much fluid/material

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