

Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2016030001, March 2016

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 205, Model Year 2015**
Check Coolant Pump and Repair or Replace, if Necessary

This Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that the coolant pump control lever material does not correspond to current production specifications. An authorized Mercedes-Benz dealer will check the coolant pump on the affected vehicles and repair or replace it, if necessary during the next workshop visit.

Prior to performing this Service Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Service Campaign bulletin and follow the repair procedure exactly as described.

Approximately 48 vehicles are affected.

Order No. P-SC-2016030001

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

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Procedure

A. Check Coolant Pump Control Lever

 **WARNING!** Ensure engine is cold!

-  Remove center section of lower engine compartment paneling; refer to WIS: AR61.20-P-1105LW.
-  Check coolant pump control lever (A, Figure 1) for breakage.
 - If control lever (A) is **not** broken: Proceed to Subject B.
 - If control lever (A) is broken: Proceed to Subject C.

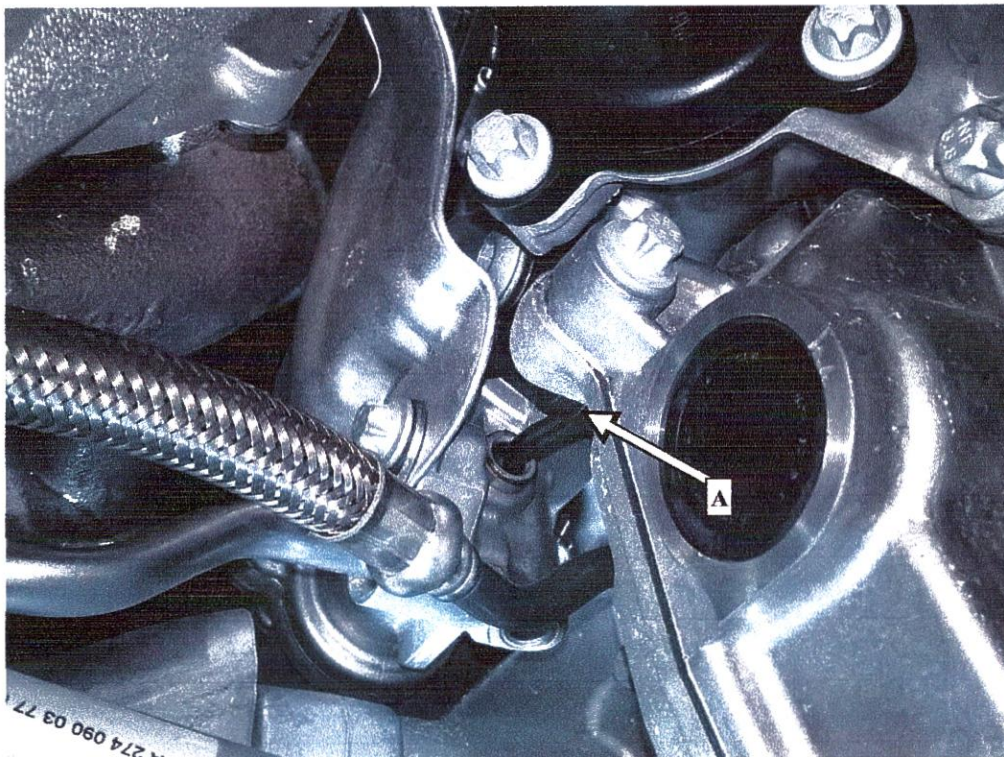




Figure 1

B. Replace Coolant Line Mounting Bolt at Coolant Pump

1.  Remove upper engine cover.
2. Release pressure at coolant expansion reservoir by loosening then tightening reservoir cap.
3.  Remove air cleaner:
 - Remove air duct (1, Figure 2).
 - Loosen upper charge air duct clamp (arrow) and lower clamp (not shown).
 - Separate charge air duct (2) from turbo charger and air cleaner (3).
 - Lift air cleaner (3) off of mounting grommets and remove.

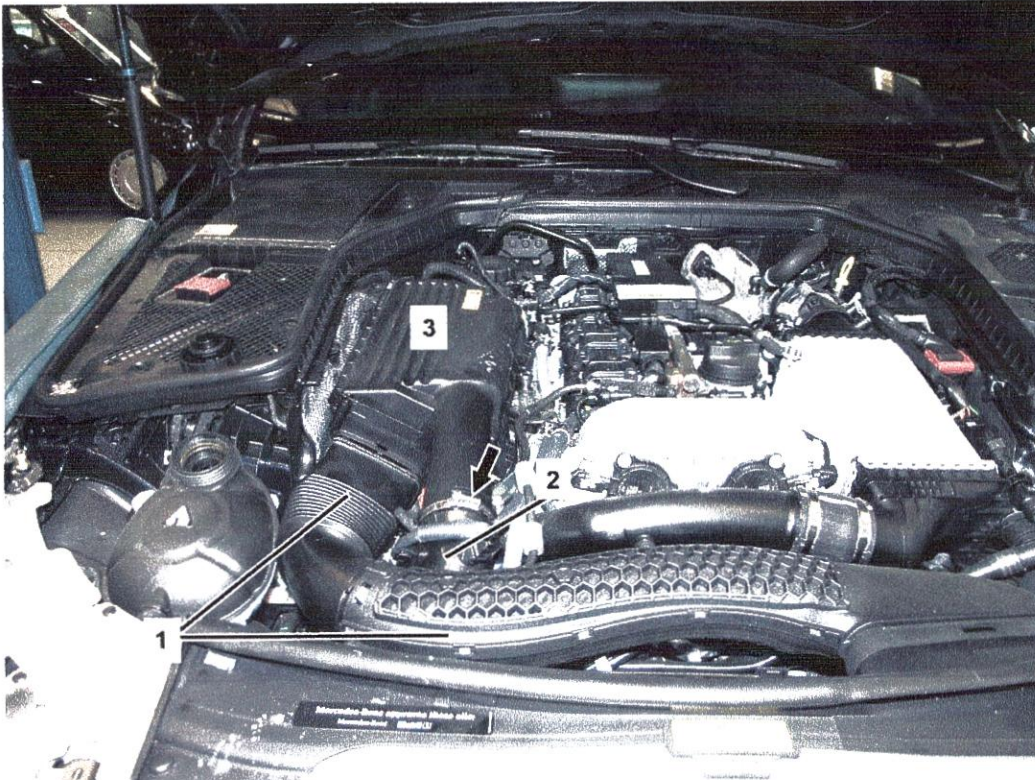


Figure 2 (lower charge air duct clamp not shown)

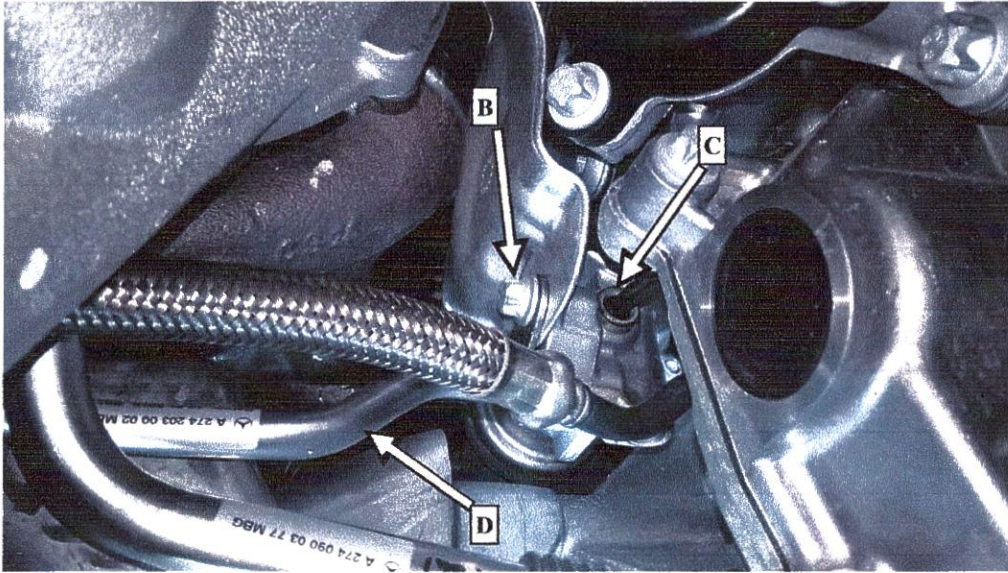






Figure 3

4.  Replace coolant line mounting bolt (B, Figure 3) with **new** bolt.

 **Note:**

- **Be sure to use new coolant line mounting bolt: **M6x21 ONLY**.** Old bolt (B) must be disposed of.
-  Ensure that the coolant line (D) does not slip out *or* is not pulled out of the coolant pump.
- Refer to Figure 4 for view of bolt accessibility.
-  Torque new coolant line mounting bolt to: 9 Nm.
-  Ensure grease applied to adjusting piston (C) is **not** removed.

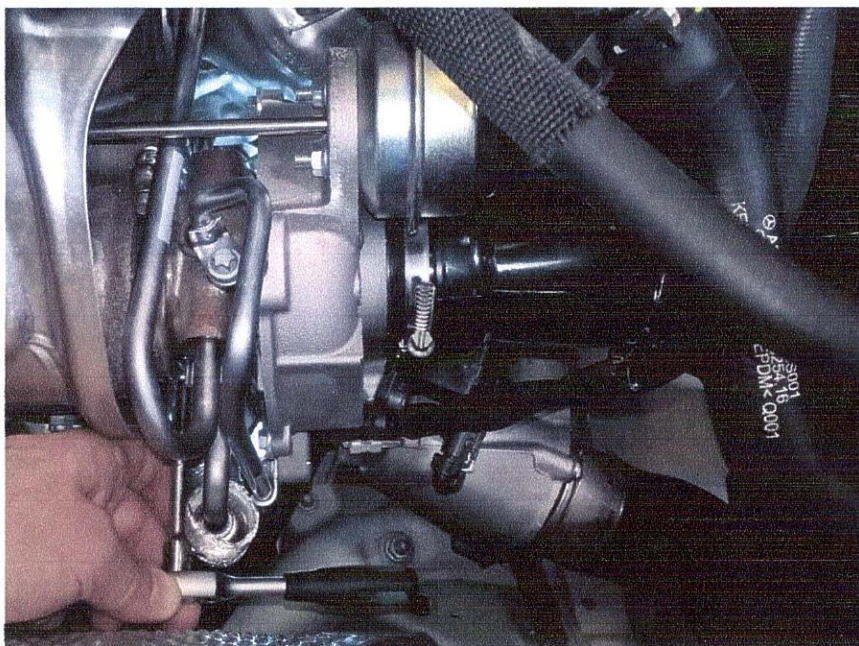




Figure 4

5.  Check installation of coolant line mounting bolt (E, Figure 5) from below: Bolt head (E) must lie flat/flush on coolant line retaining tab (F).
-  **Note:** Ensure grease applied to adjusting piston (C) is not removed.

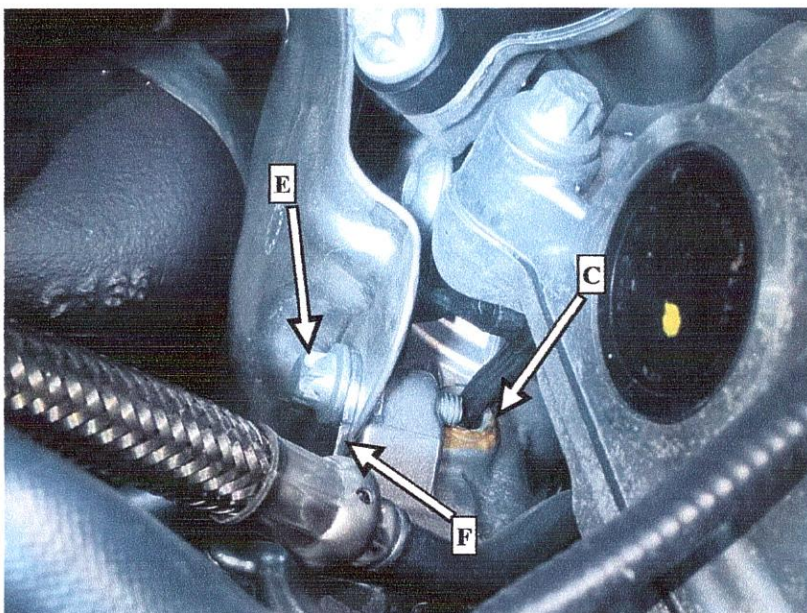



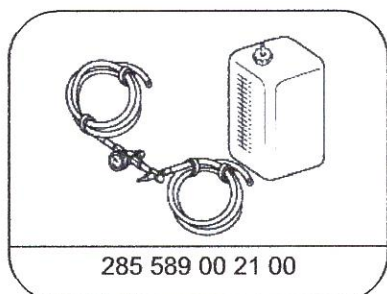
Figure 5

6.  Assemble in reverse order.

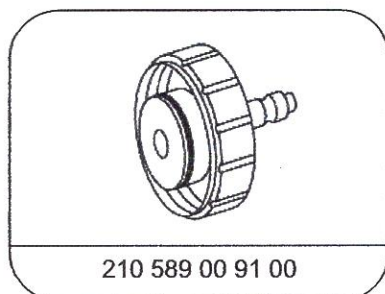
i **Note** (regarding WIS documents referenced in this Procedure):

Replacement of parts not listed in the parts table of this Procedure are not claimable under this campaign. If replacement of additional part(s) is necessary, check coverage prior to submitting under warranty.

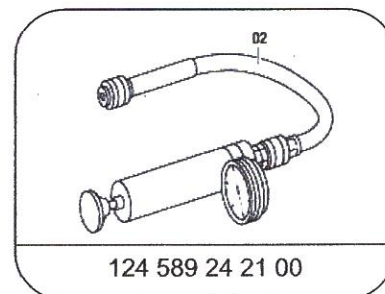
S **Special Tools**



Cooler vacuum filling device



Test cap



Pressure pump

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1 (If required)	Screw/bolt (M6x21 mm)	A 003 990 41 03	2%
1 (If required)	O-ring	A 022 997 98 45	
2 (If required)	O-ring	A 023 997 06 45	
2 (If required)	O-ring	A 024 997 10 45	
1 (If required)	Coolant pump without code M014	A 274 200 14 07 85	
1 (If required)	Coolant pump with code M014	A 274 200 15 07 85	

i Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information**Repair 1**

Operation: Check coolant pump (02-9221).
Rework coolant pump (02-9222).

Damage Code	Operation Number	Labor Time (hrs.)
20 900 35 7	02-9221	0.3
	02-9222	0.3

Repair 2

Operation: Check coolant pump (02-9221).
Replace coolant pump (02-9223).

Damage Code	Operation Number	Labor Time (hrs.)
20 900 35 7	02-9221	0.3
	02-9223	1.7

i Note

Operation Number labor times are subject to change.