

Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2015050004, August 2015

Revision	Date	Purpose
A	08/25/15	Revision to work Procedure
-	06/26/15	Initial release

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 222 (S-Class), Model Year 2014 - 2015**
Check Radiator Fan, Replace If Necessary

This Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that the air conditioning may malfunction due to a failure of the electrolyte capacitor in the radiator fan control unit. To correct this condition an authorized Mercedes-Benz dealer will check the production date of the radiator fan and replace the radiator fan, if necessary, at the next dealer 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 10,458 vehicles are affected.

Order No. P-SC-2015050004

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.

Procedure

1.  Check production date on radiator fan using bore scope (1, Figure 1):
Insert bore scope (1) with 5.5 mm viewer from above, between radiator and radiator fan.

i **Note:**

- Use only specified bore scope (refer to equipment table in this bulletin)
- The production date (2, Figure 2) is located in the lower section of the radiator fan motor (Figure 2).
- If **no** production date (2) can be found in the lower section of the radiator fan motor (**OK**):
Procedure is complete.

i **Note:**

Radiator fans with a production date **as of: 2013-04-22 up to and including 2013-05-08** (April 22 – May 8, 2013) or **as of 2013-10-11 up to and including 2013-10-15** (October 11 – October 15, 2013) **must be replaced (NOT OK).**

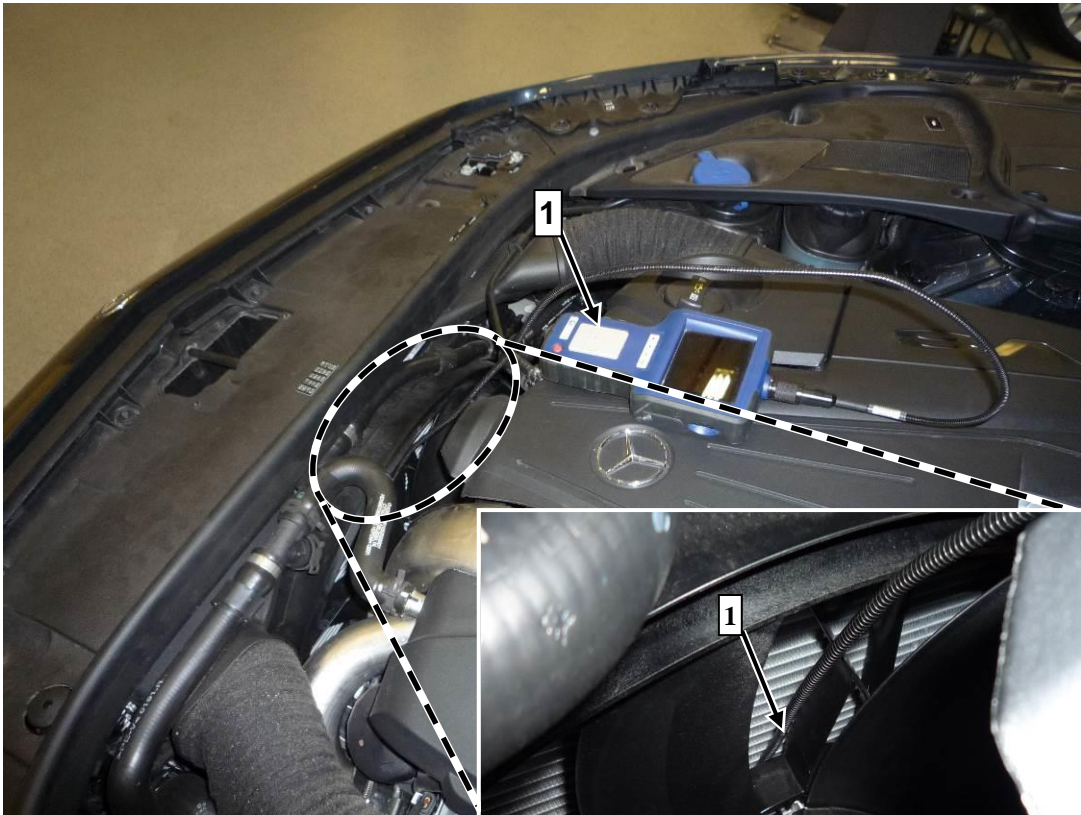
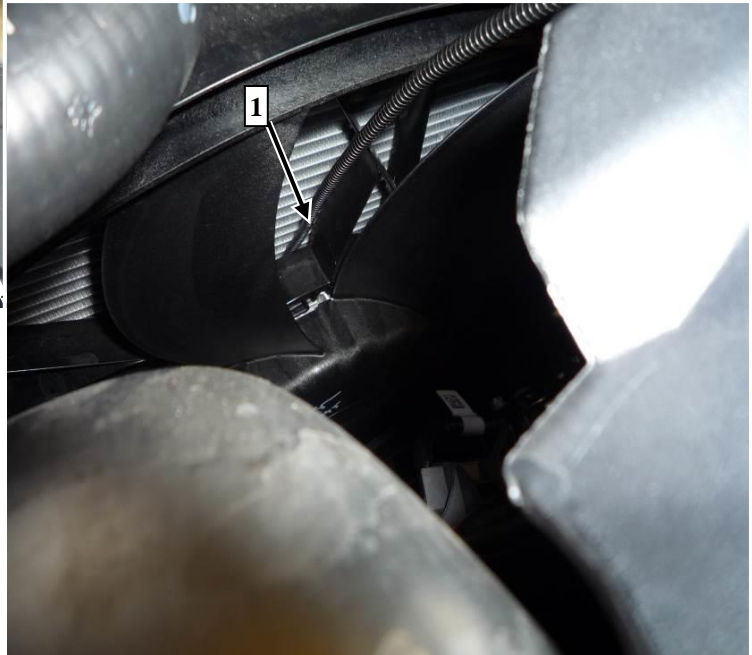


Figure 1

i **Note:** Bore scope listed in Special Tools Section of this Campaign is different from one shown above.



- If production date *is not* as of 2013-04-22 up to and including 2013-05-08 or as of 2013-10-11 up to and including 2013-10-15 (OK): Procedure is complete
- If production date *is* as of 2013-04-22 up to and including 2013-05-08 or as of 2013-10-11 up to and including 2013-10-15 (NOT OK): Proceed to step 2.

i Note

If **no** production date (2, Figure 2) can be found in the lower section of the radiator fan motor (OK): Procedure is complete.

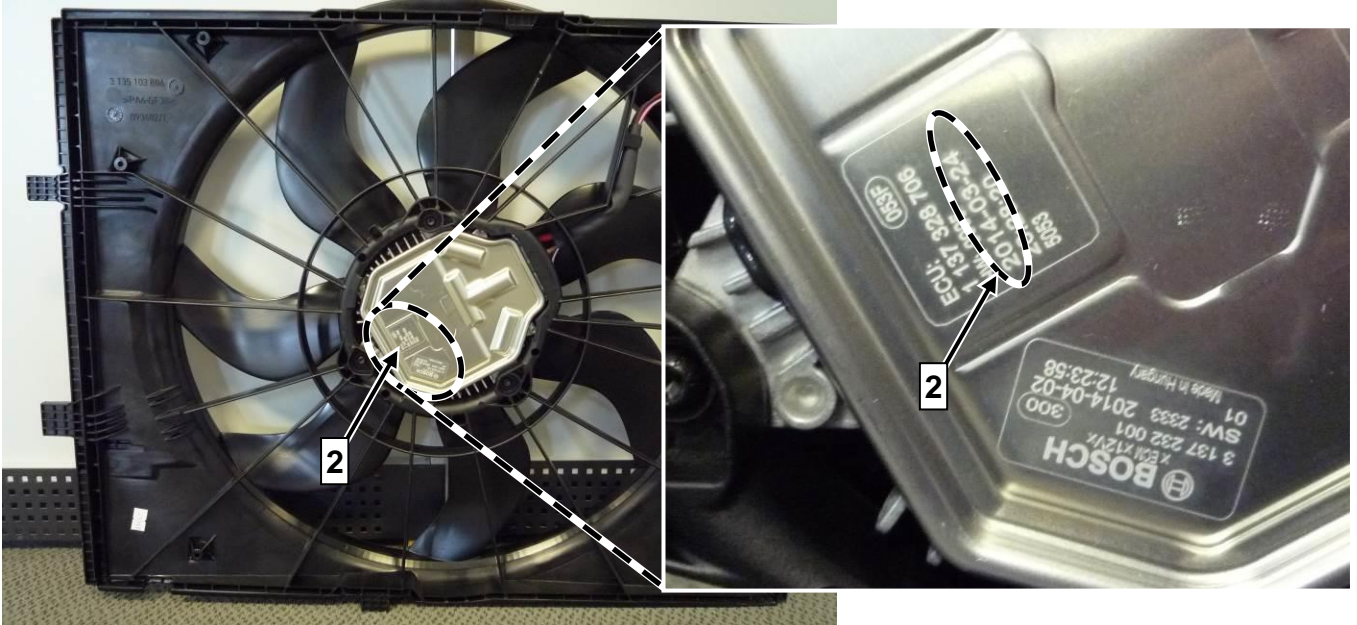



Figure 2

2.  Replace radiator fan; refer to WIS: AR20.40-P-5050LF. Refer also to notes on the following pages.

Notes (Regarding above WIS instructions):

- Do not remove oil cooler from vehicle.
- Do not remove complete front end assembly, remove front center reinforcement; refer to WIS: AR62.30-P-1570LF.
- Remove radiator grill, refer to WIS: AR88.40-P-4001LF
- Remove lower engine panels.
- Remove screw (arrow, Figure 3) in order to unfasten coolant line from bottom of radiator fan (A).

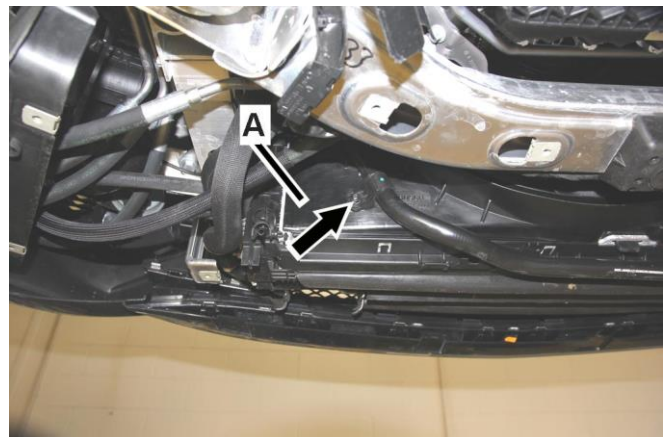


Figure 3

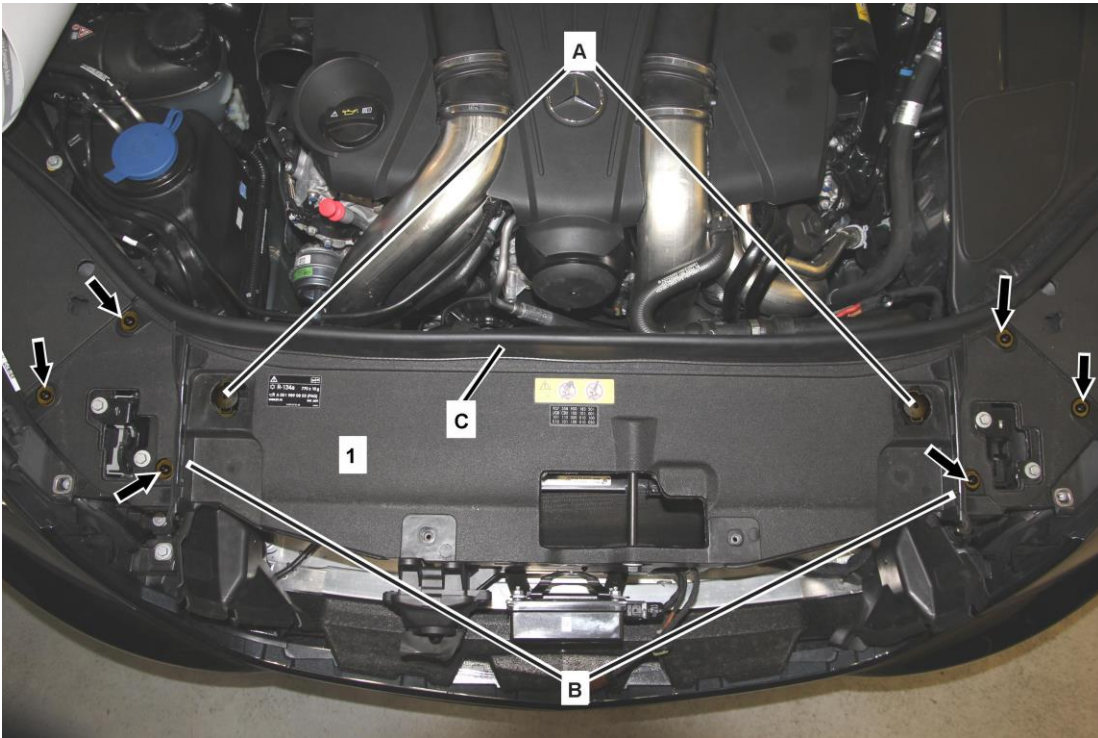


Figure 4

- Remove following components in order to remove radiator support (1, Figure 4):
Screws (arrows), radiator fasteners (A), screws (B) below radiator support, weather strip (C) from radiator support (1) and hood release cable from radiator support (1)
- Disconnect harness connector for distronic sensor.
- Clamp-off coolant hoses with pinch-off tools (arrows, Figure 5) prior to disconnecting coolant hose (A).
- Do not completely drain coolant. Replace coolant (shop supply) lost during disconnection of coolant hose (A, Figure 5).

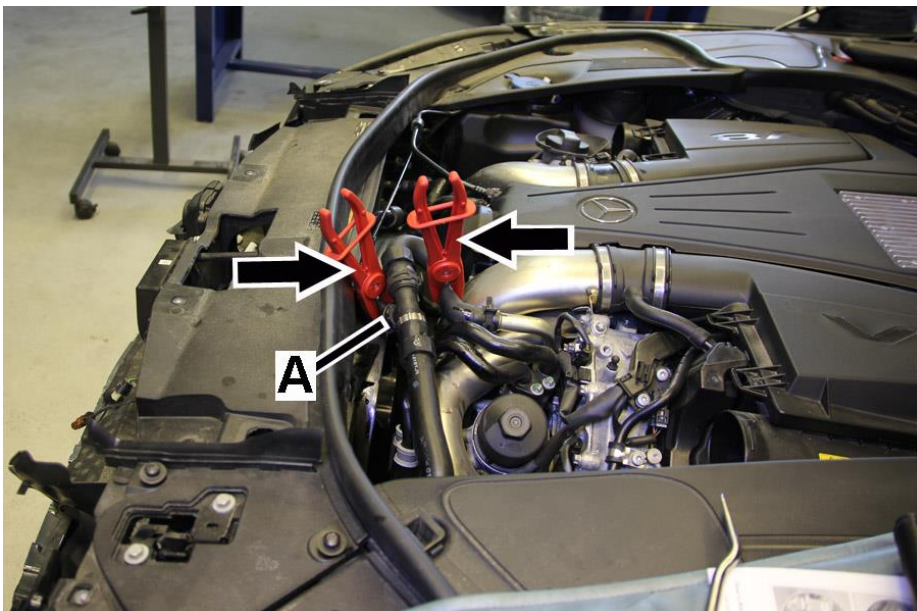
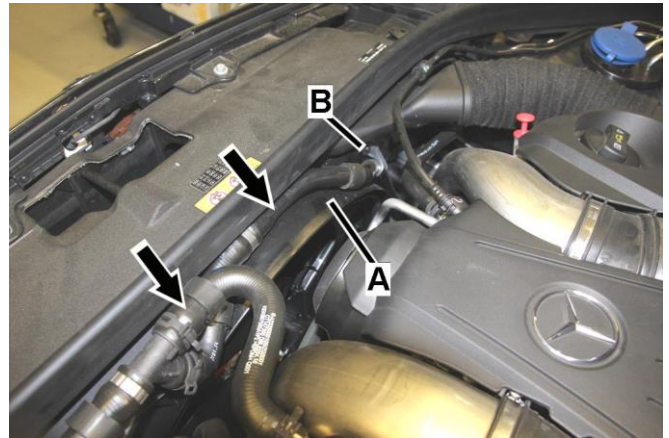
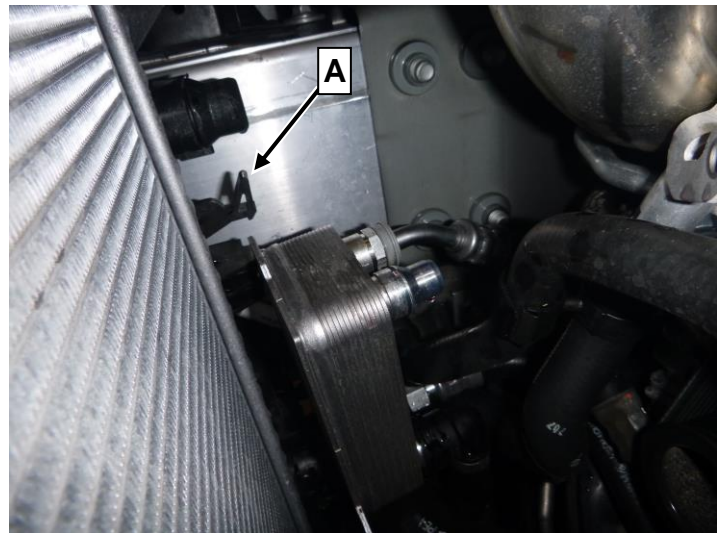


Figure 5 (arrows: hose pinch-off tools, locally sourced or equivalent)

- Re-attach coolant line (arrows, Figure 6) back to its original mounting position on the radiator fan shroud (A) after installing new radiator fan.
- Reinstall remaining components in reverse order; refer also to WIS: AR20.40-P-5050LF.
- Calibrate front 360 ° camera; refer to WIS: AR88.40-P-4001LF.
- Perform initialization of Distronic sensor; refer to WIS: AR30.30-P-1010LF.
- Be careful not to damage retaining clamps (A, Figure 7) upon assembly.

**Figure 6****B****Mounting screw****Figure 7**


Special Tools



BK5600



5.5 mm dual image viewer

Snap-On ® BK5600 Borescope *

* Submit bore scope and viewer as: Borescope and 5.5 mm dual image viewer for \$818.45 sublet **once only**.
If reimbursement for these tools is submitted more than one time these charges will be subject to debit.

 **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.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Radiator fan	A 099 906 06 12 05	8%

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 fan (02-8736).

Damage Code	Operation Number	Labor Time (hrs.)
20 920 31 8	02-8736	0.2

Repair 2

Operation: Check fan (02-8736).
 Replace fan (02-8737).
 Drain coolant, fill and ventilate coolant circuit (with vacuum) (02-8998).

Damage Code	Operation Number	Labor Time (hrs.)
20 920 31 7	02-8736	0.2
	02-8737	0.8
	02-8998	0.5

i Note

Submit bore scope as sublet once only
 Operation Number labor times are subject to change.