FILE: SERVICE: GROUP 00 OF SERVICE INFORMATION BINDER
PARTS: GROUP I OF INFORMATION – PARTS & ACCESSORIES BINDER

Campaign No. 2010110001, November 2010

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 164, 164.8, 212, 251, Model Year 2011**
Replace Diesel Fuel Filter

This Recall Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that during the supplier manufacturing of the diesel engine fuel filter, the O-ring may not have been properly lubricated in all cases. Lack of lubrication can lead to leakage of the fuel filter. As a result, diesel fuel might be deposited on the highway and create the potential for a crash.

MBUSA therefore has initiated a voluntary recall of all potentially affected vehicles described above. The recall will be conducted to replace the diesel fuel filters in the subject vehicles

Attached is a sample copy of a letter which owners of the affected vehicles will receive.

Prior to performing this Recall 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 Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 2,302 vehicles are involved.

Order No. S-RC-2010110001
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

⚠ **Warning!**

- **Risk of explosion** caused by fuel igniting, **risk of poisoning** caused by inhaling and swallowing fuel and **risk of injury** to eyes and skin caused by contact with fuel.
  No fire, sparks, open flames or smoking. Pour fuel only into suitable and appropriately marked containers. Wear protective clothing when handling fuel. Refer to WIS: AS47.00-Z-0001-01A
- **Risk of injury** to skin and eyes caused by handling hot or glowing objects. Wear safety gloves, protective clothing and safety glasses, if necessary. Refer to WIS: AS00.00-Z-0002-01A.

⚠ **Caution!**

Information on preventing damage to electronic components due to electrostatic discharge. Refer to WIS: AH54.00-P-0001-01A

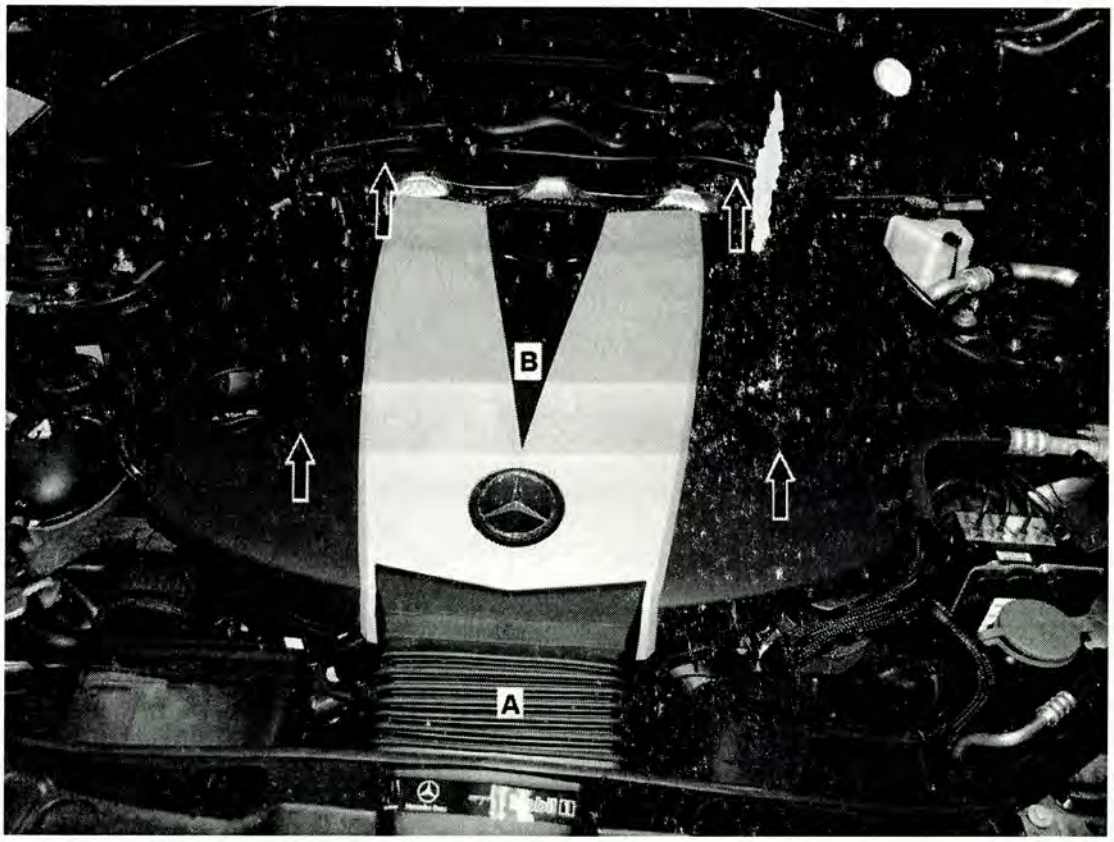


Figure 1

1. Remove upper engine cover:

- Model 164/164.8; refer to WIS: AR01.10-P-2405GZB.
- Model 212: Unclip air duct (A, Figure 1) from upper engine cover (B) then disconnect duct (A) from cover (B). Pull cover (B) up (arrows) from mounting posts at front and rear and remove.
- Model 251; refer to WIS: AR01.10-P-2405RTB.

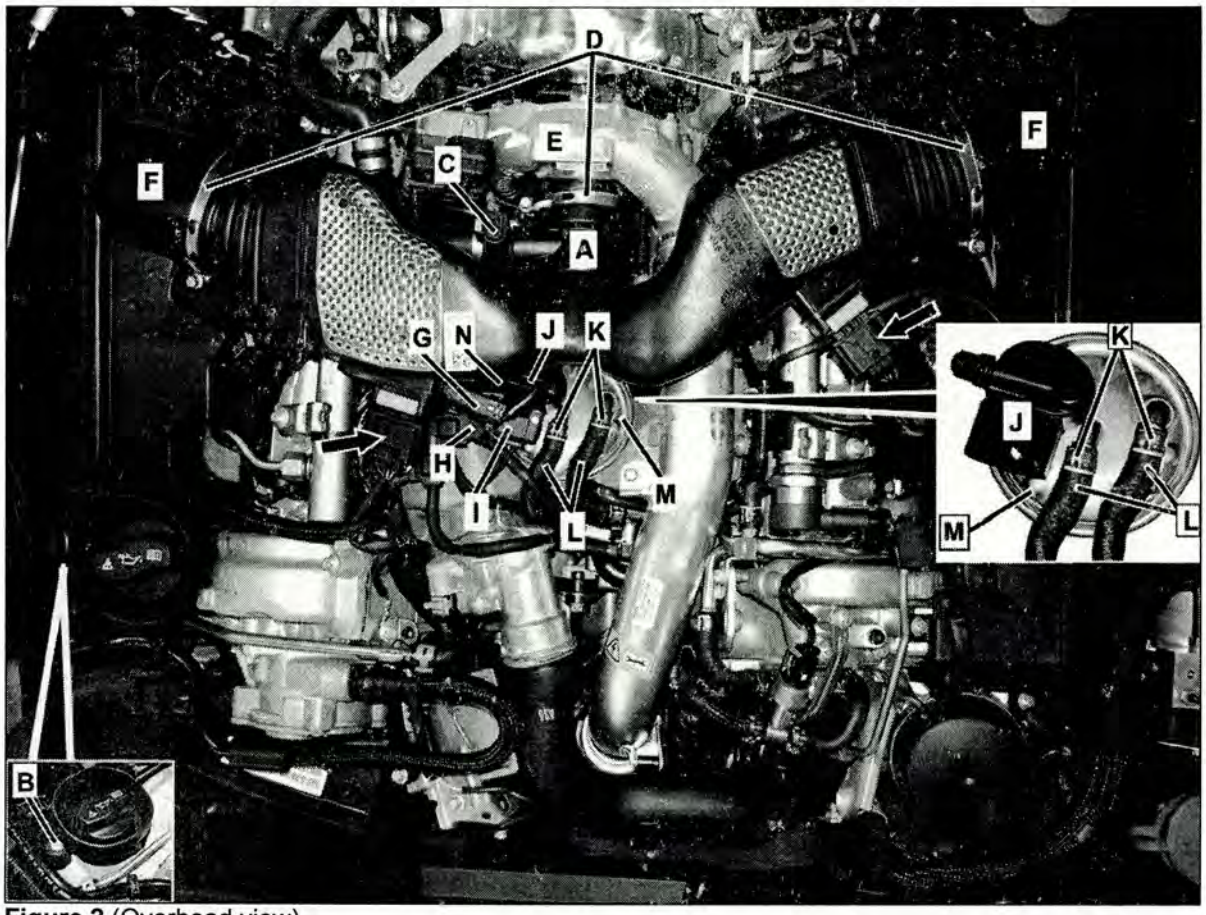


Figure 2 (Overhead view)

2. Remove engine air intake duct (A, Figure 2) by loosening clamps (D).
- Remove bolt (B, Figure 2) securing right air filter housing to engine.
- Disconnect harness connectors (arrows, Figure 2) from mass air flow sensors and vent line heater (C).
- Loosen intake duct clamps (D, Figure 2).
- Partially remove intake air duct (A, Figure 2) from turbocharger (E), remove air intake duct hoses from air filter housings (F) then remove air intake duct (A) from engine.
3. Disconnect engine harness connector (G, Figure 2) from mounting bracket (H) and move aside.
4. Disconnect engine harness connector (I, Figure 2 [to fuel filter]) from water level sensor (J).
5. Unfasten CLICK clamps (K, Figure 2) from fuel lines (L) then disconnect fuel lines (L) from fuel filter (M).

   Note:
   - Place shop rag under fuel lines (L) to absorb any escaping fuel.
   - Do not reuse CLICK clamps (K)

   ⚠ **Caution!**

   Do not use pointed or sharp-edged tools to disconnect fuel lines (L) from fuel filter (M) or damage to fuel lines (L) may result.
6. Loosen fuel filter bracket screw (N, Figure 2) then remove fuel filter.

7. Installation is in reverse order.

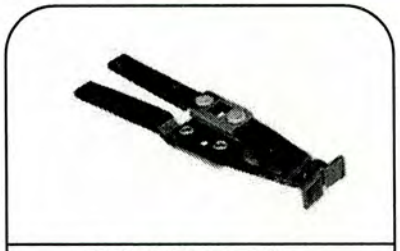
   Note:

   - Do **not** crush the sealing ring between the turbocharger (E, Figure 2 [refer to DTB S-B-09.20/29]) and the engine intake air duct (A).
   - Connect fuel lines (L) to filter fuel (M) before tightening fuel filter bracket screw (to allow proper positioning of fuel lines).
   - Replace fuel line CLICK clamps (K), do **not** reuse old clamps.
   - Use only proper CLICK clamp pliers (refer to page 5) to fasten click clamps (K) to fuel lines (L) or clamps (K) may be damaged when fastening.

⚠ **Warning!**

- **Risk of accident** caused by vehicle starting off by itself when engine is running. **Risk of injury** caused by contusions and burns during starting procedure or when working near the engine as it is running.
- **Start engine and check fuel system for leaks**. Secure vehicle to prevent it from moving by it self. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts. Refer to WIS: AS00.00-Z-0005-01A.

Locally Sourced Tool



CLICK Clamp Pliers

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Fuel filter	A 642 090 49 52 05	100%
1	Hose clamps	A 004 997 20 90	
1		A 006 997 18 90	

Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is 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

Operation: Replace fuel filter (02-3657)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
47 901 01 7	02-3657	0.9	BF, FG, Z6
		1.0	ED

NOTE REGARDING CUSTOMER REIMBURSEMENT

Reimbursement to customers for repairs performed prior to this recall:
If the customer already paid to have this recall campaign condition repaired and provides adequate documentation to support their claim of a non-warranty repair of this item, they may be eligible to receive reimbursement.
Requests for reimbursement may include parts, labor, fees and taxes.
Reimbursement is limited to the amount the replacement of the fuel filter would have cost if completed by an authorized Mercedes-Benz dealer under this campaign.
Submit a warranty claim, utilizing Damage Code 47 901 01 8 as a sublet, utilizing the sublet code of "SUB." Sublet repairs require dealer text as stated in the Warranty Policies and Procedures Manual. Repair date should be the date that the customer paid for the repair.
Note:
Please note the claim submitted for customer reimbursement will **not** close the campaign (if still open). If the customer is still in possession of the vehicle with an open campaign, please arrange to close the campaign in the usual manner as described in this bulletin.