

# Service Campaign Bulletin

Campaign No. 2012070002, September 2012

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 164, 171, 203, 204, 207, 209, 211, 212, 216, 219, 221, 230, 251, 463**  
**Engines 272 and 273**  
**Model Years 2005 - 2011**  
**Retrofit Adapter Wiring Harness on Camshaft Adjustment Solenoids**

Revision	Date	Purpose
A	9/12/12	Inclusion of Consequential Damage and Customer Reimbursement to Warranty information
–	9/7/12	Initial Issue

This Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that due to the settling properties of the seal, oil may leak from the camshaft adjustment solenoid. Dealers will retrofit four adapter harnesses onto the engine wiring harness as a precautionary measure at 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.

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

Approximately 557,108 vehicles are affected.

Order No. S-SC-2012070002

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. Remove top engine cover to get access to camshaft adjustment solenoids as required.
2. Disconnect camshaft adjustment solenoids from engine harness connectors (A, Figures 1 and 2):
  - Carefully unlock engine harness connectors (A) by squeezing and **partially** pulling out locking tabs (arrows) using pocket screw driver.
  - Disconnect camshaft adjustment solenoid connectors (A) from camshaft solenoids (B).

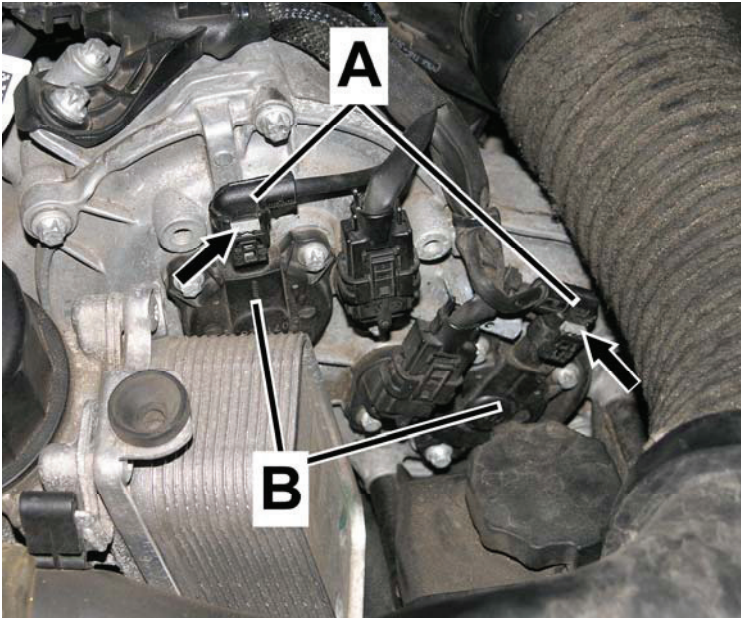


Figure 1

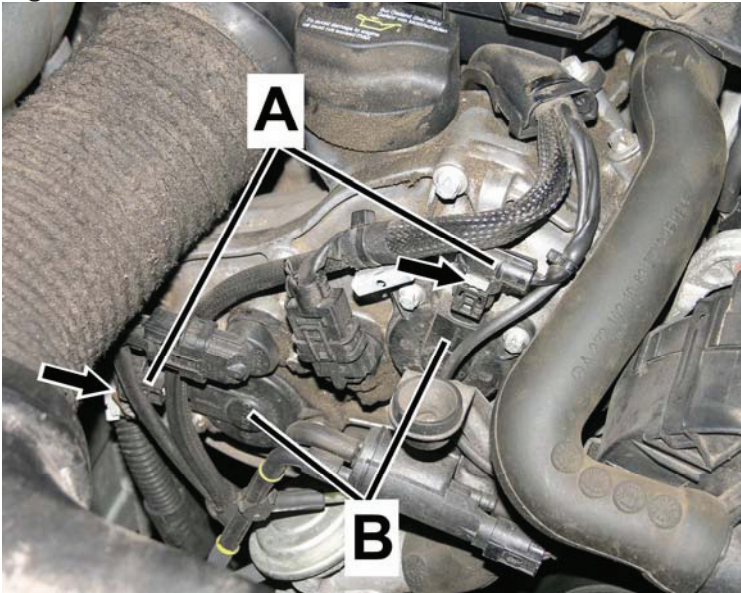


Figure 2

**Note:** Shown on engine 272

3. Connect adapter harnesses (A, Figures 3 and 4):
  - Connect adapter harnesses (A) between connector on camshaft adjustment solenoid and engine harness.
  - Push locking tabs (arrows, Figures 1 and 2) into connectors to secure (total of 8 locking tabs).
4. Secure adapter harnesses with cable ties.

**Note:**

Ensure harness adapters are properly secured using cable ties (arrows, Figures 3 and 4) to prevent wire chafing and/or damage from hot engine parts, (e.g. oil cooler [B]).

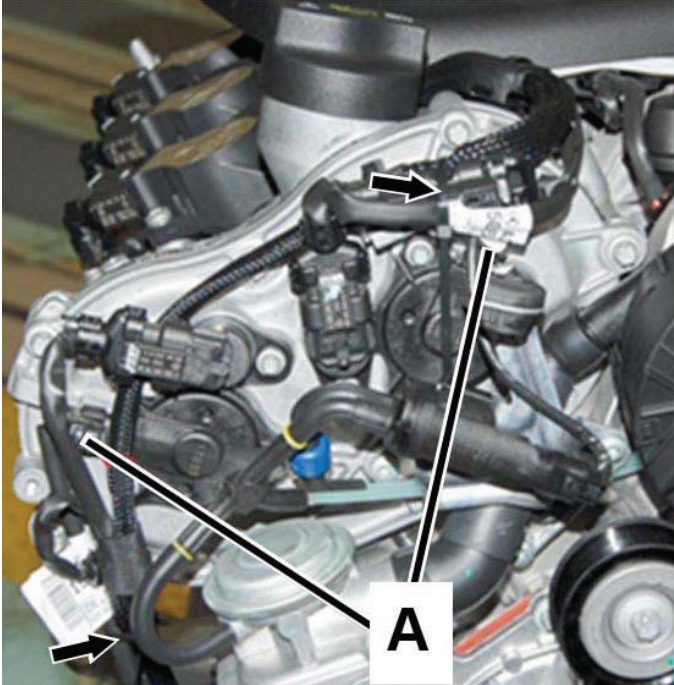


Figure 3

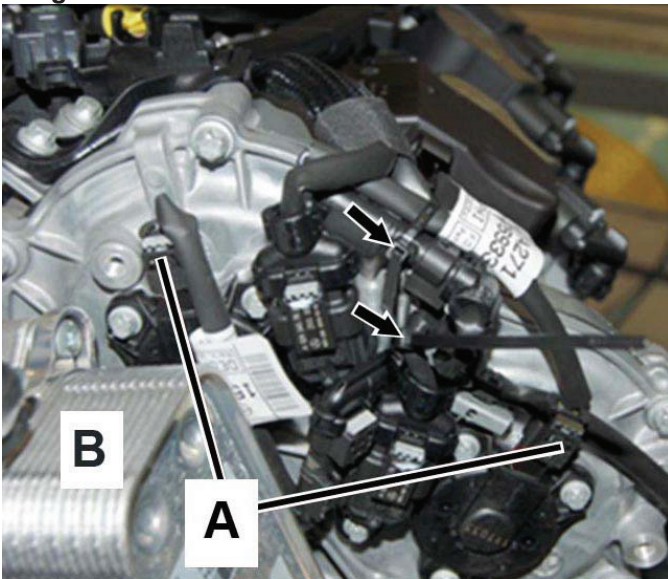


Figure 4

### Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
4	Adapter wiring harness for camshaft adjustment solenoids	A 271 150 01 56 05	100%
4	Cable tie	A 002 997 24 90	

#### 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

**Operation:** Install electrical wiring harnesses for camshaft adjustment solenoid (02-7325)

Damage Code	Operation Number	Model Indicator(s)
59 900 02 7	02-7325	AA, AD, AH, AF, BA, BE, CB, CC, CA, DA, DE, EA, EC, FA, FB, FC, FD, FF, HA, HB, HC, HD, L7, Q6, Q7, Q8, Q9, QA, R5, S7, S8, SA, SB, T7, T9, T8, TA, U6, U7, X1, X3, X4, XA, XB, Y3, Z1, Z5, Z8

#### Note- Consequential Damage:

If the vehicle requires additional repairs due to damage from the oil leak, submit all necessary labor operations and parts on the same Repair Order Line as the Campaign. Do not submit an additional repair. These additional operations and parts **cannot** be submitted as a Sublet. Additional repairs require dealer text explaining the extent of additional damage.

**PLEASE NOTE THE REPLACEMENT OF LEAKING CAMSHAFT ADJUSTMENT SOLENOID (S) IS NOT PERMITTED UNDER CONSEQUENTIAL DAMAGE, CUSTOMER REIMBURSEMENT, OR UNDER THIS SERVICE CAMPAIGN.**

#### Note

Operation code times are subject to change. Please refer to StarTime for current labor times.

**NOTE REGARDING CUSTOMER REIMBURSEMENT**

Reimbursement to customers for repairs performed prior to this service campaign:

If the customer already paid to have this service 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 installation of the camshaft adjustment solenoid adapter harnesses or the cost of any consequential damage (less the cam adjustment solenoid) if completed by an authorized Mercedes-Benz dealer under this campaign.

Submit a warranty claim, utilizing Damage Code 59 900 02 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.