

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

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).

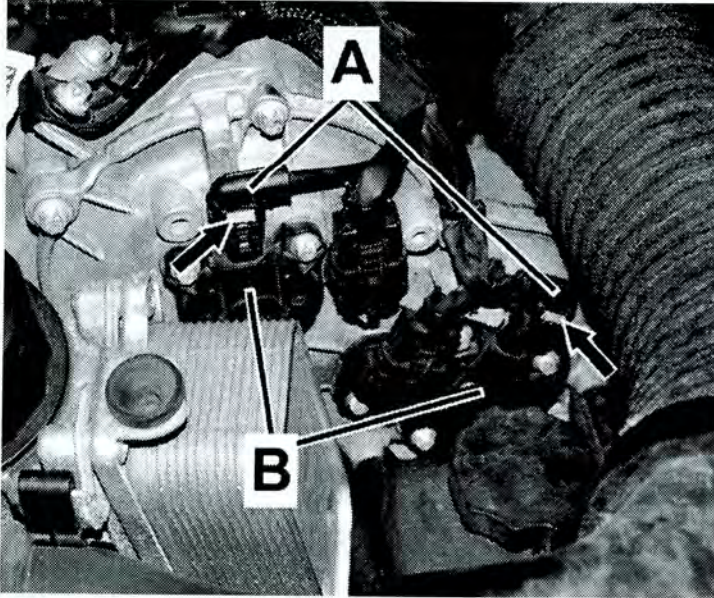


Figure 1

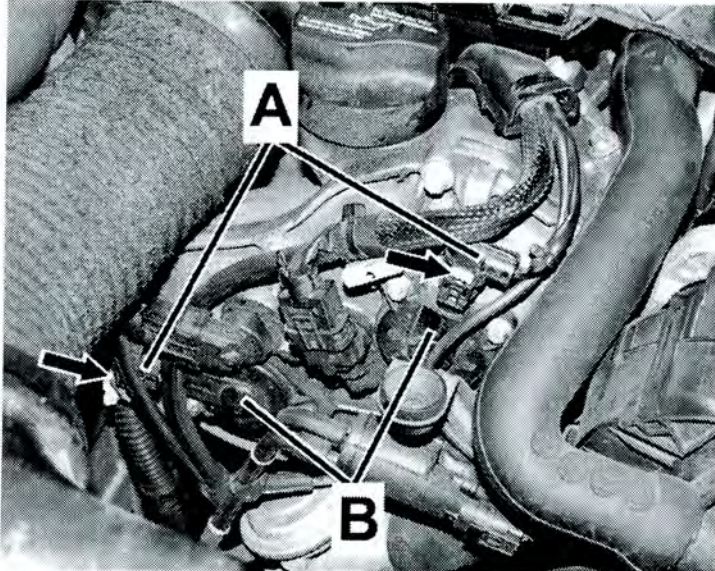


Figure 2

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]).

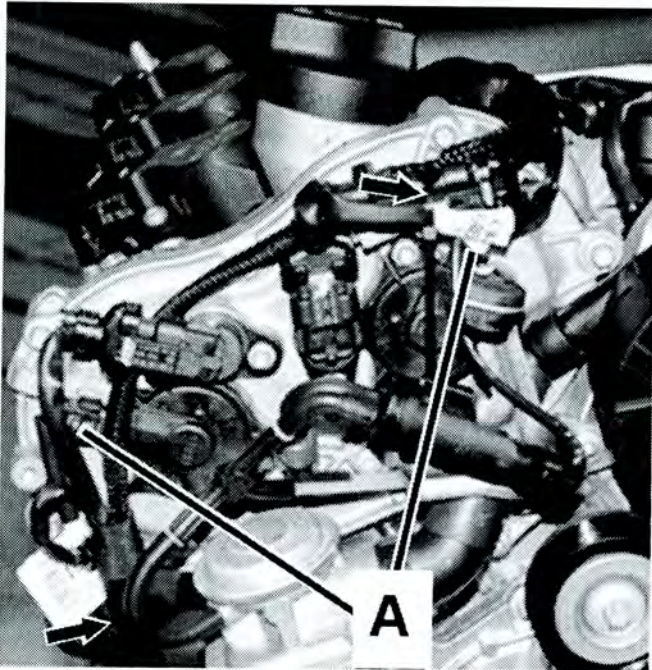


Figure 3

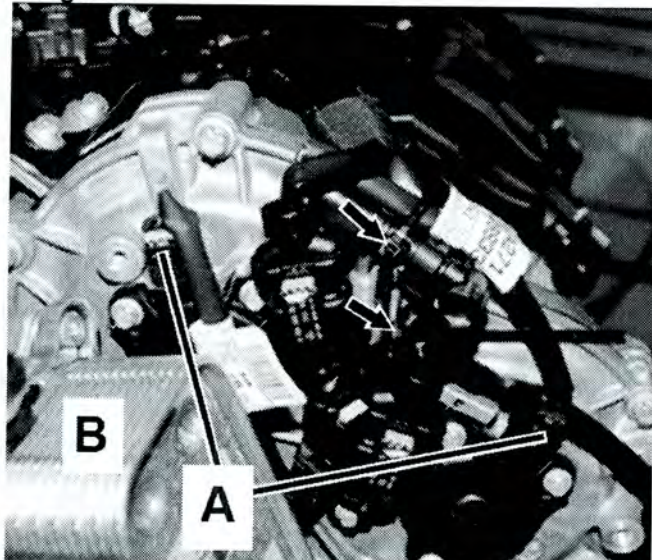


Figure 4

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

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