



Date: July 2013
Action No.: C1A – 13 07 01
Group: 07

SUBJECT: **Model 166.057**
Model Year 2013
Update Injector Coding

This Customer 1 Action has been initiated because the injector coding may not meet current specifications in the subject vehicles. Dealers will update injector injection quantity adjustment to correct this condition at the next workshop visit.

Prior to performing this Customer 1 Action:
Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.

Procedure

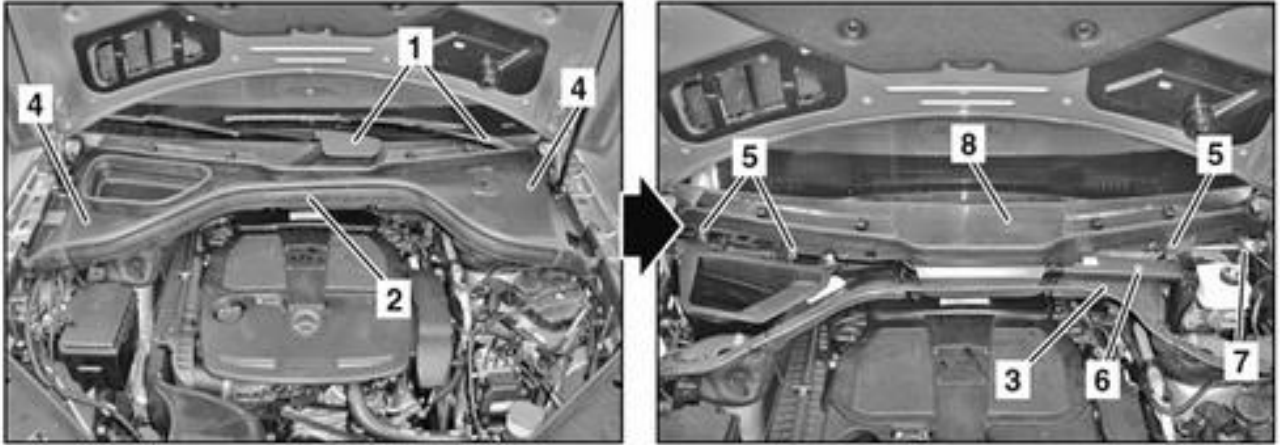


Figure 1

1. Remove water collector:

- Remove wiper arms (1, Figure 3), refer to WIS: AR82.30-P-6100GZ.
- Detach rubber seal (2) from cover (3).
- Remove covers (4).
- Remove bolts (5).
- Remove water channel (6).
- Detach water collector (8) with washer hoses (7) attached and place to left side of vehicle (outside of fender).

Note: Be sure to install fender covers to protect vehicle when removing water collector (8).

2. Remove windshield wiper system, refer to WIS: AR82.30-P-6400GZ.

Note: (regarding above WIS instructions): Disregard step 2, this was performed in step 1 of this Procedure.

3. Unclip cabin filter air duct (arrow, Figure 2) and remove air duct (arrow).

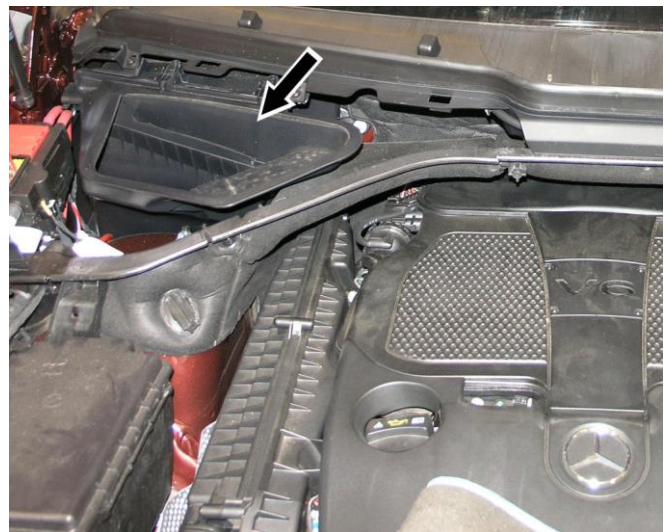


Figure 2

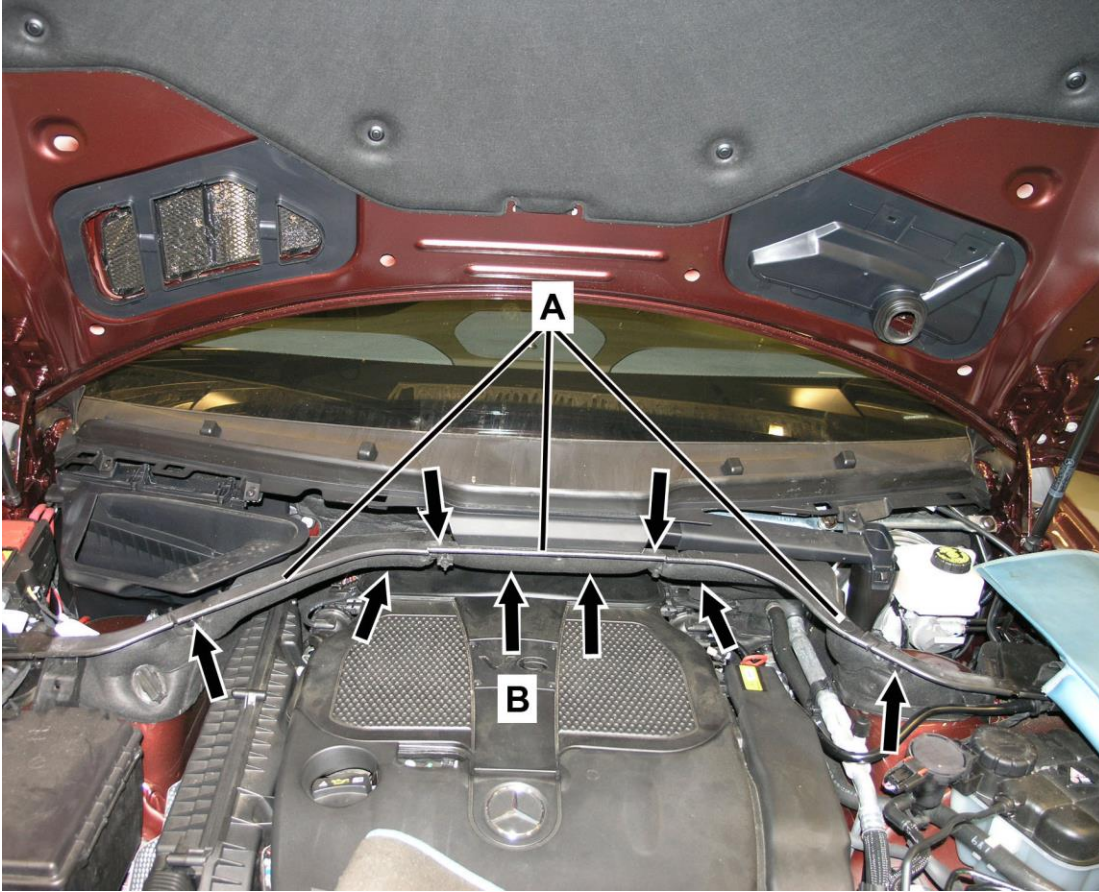


Figure 3

4. Remove screws/bolts (arrows, Figure 3) and cable tie then remove bulkhead assembly sections (A).
5. Remove intake manifold cover (B, Figure 3), refer to WIS: AR09.20-P-1961GQ steps 1 – 19.

Note:

- Use DAS/Xentry 05/06-13 with all associated patches or higher.
 - Follow the steps exactly as described in DAS/Xentry.
 - Connect battery charger (battery voltage >12.5V).
6. Update injector injection quantity adjustment: Control units / ME-SFI motor electronics 'MED 177' for internal combustion engine 'M276' / Control unit adaptations / Configuration / Manual adjustment / Injector quantity adjustment.
 7. Follow on-screen instructions.

Note:

Injector code (arrow, Figure 4) can be read by disconnecting engine harness connector (B) from injector (A).

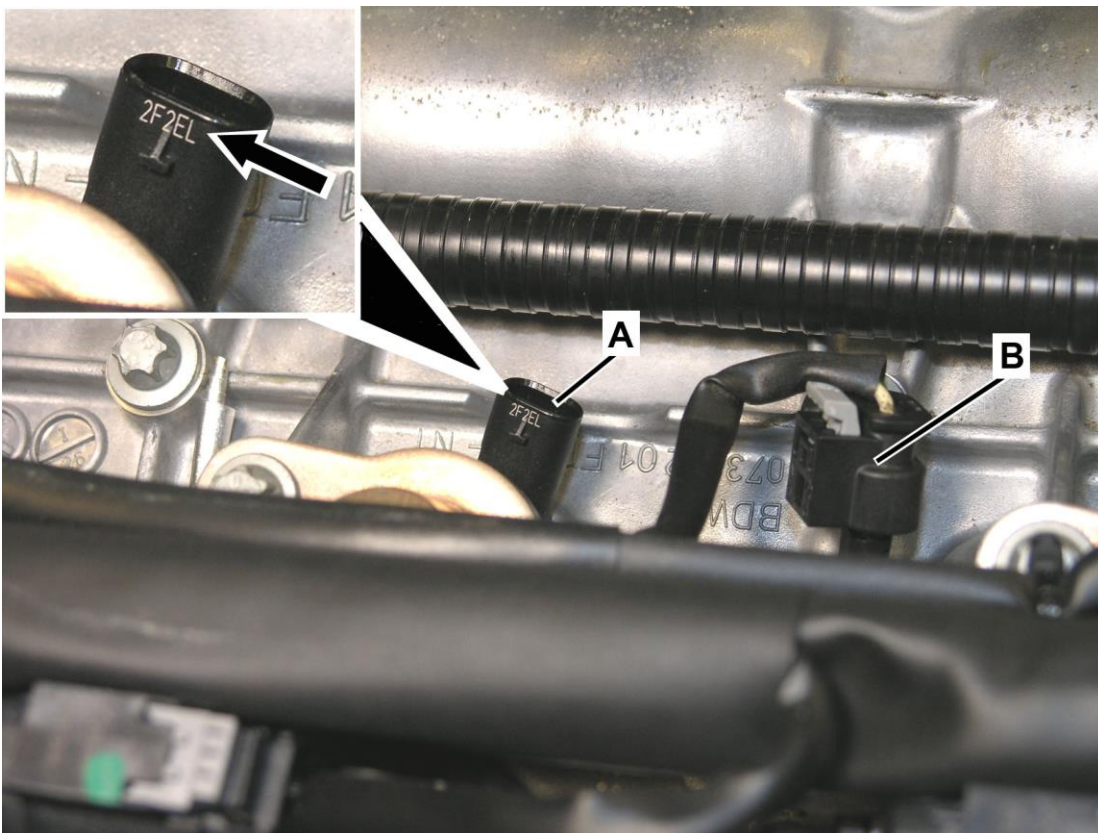


Figure 4

8. Assemble in reverse order.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
6	Intake manifold flange gasket	A276 141 01 80	100%
1	O-ring, crankcase breather line	A023 997 03 45	
1	Cable tie	A002 997 24 90	

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.

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:

Note:

The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Operation: Connect/disconnect battery charger (02-5058)
 Star Diagnosis System (SDS), Connect/disconnect (02-4762)
 R&R resonator intake manifold tube (14-1960)
 Update injector coding (with DAS connected) (02-0001)

Damage Code	Operation Number	Labor Time (hrs.)
07 291 73 7	02-5058	0.1
	02-4762	0.1
	14-1960	1.2
	02-0001	0.2

Note

Operation Number labor times are subject to change.