

Service Campaign Bulletin

Campaign No. 2012120004, January 2013

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 212, 218 with Engine M157, Model Year 2012**
Update Injector Coding

This Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that the injector coding may not meet current specifications in the subject vehicles. Dealers will update the Engine Control Module SCN coding to correct this condition 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 24 vehicles are affected.

Order No. P-SC 2012120004

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

Note:

- Use DAS/Xentry 11/12 with all associated patches or higher.
 - Follow the steps exactly as described in DAS/Xentry.
 - Connect battery charger (battery voltage >12.5V).
1. Remove air filter housing to view injector codes:
 - Pull up on engine covers (A, B, Figure 1) to unclip from engine mounting points then remove.
 - Disconnect air intake duct (C) from air cleaner (D).
 - Loosen hose clamps (arrows) then disconnect charge air ducts from air cleaner (D).
 - Pull up on air cleaner (D) to unclip from engine mounting points and place to one side.
 - Remove insulation located over fuel rail.

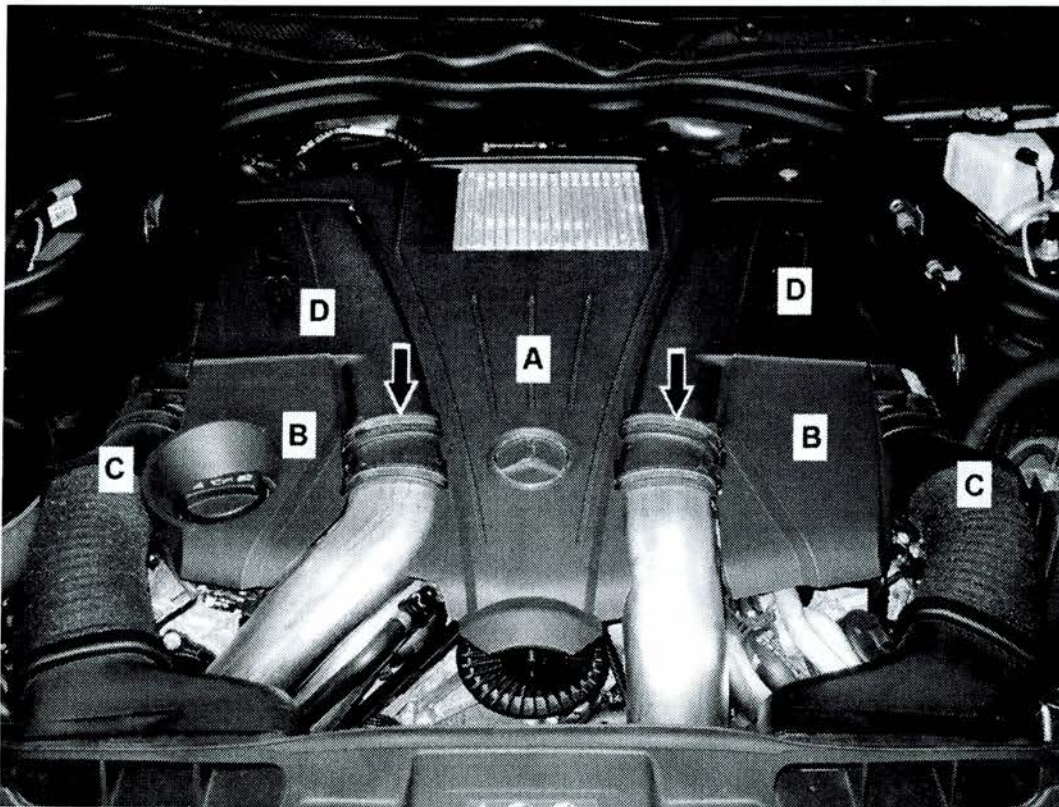


Figure 1 (shown on engine 278)

2. Connect Star Diagnosis to vehicle.

3. Update injector injection quantity adjustment: Control units / ME-SFI motor electronics 'MED 177' for internal combustion engine 'M157' / Control unit adaptations / Configuration / Manual adjustment / Injector quantity adjustment.
4. Follow on-screen instructions.

Note:

- Injector code (arrow, Figure 2) can be read by disconnecting engine harness connector (A) from injector (B).
- If injector code (arrow) found on each injector, is **different** from injector code indicated on Star Diagnosis screen, proceed with injector coding (follow-on screen instructions). If injector code (arrow) found on each injector is the **same** as injector code on Star Diagnosis screen, injector coding is **not** required.

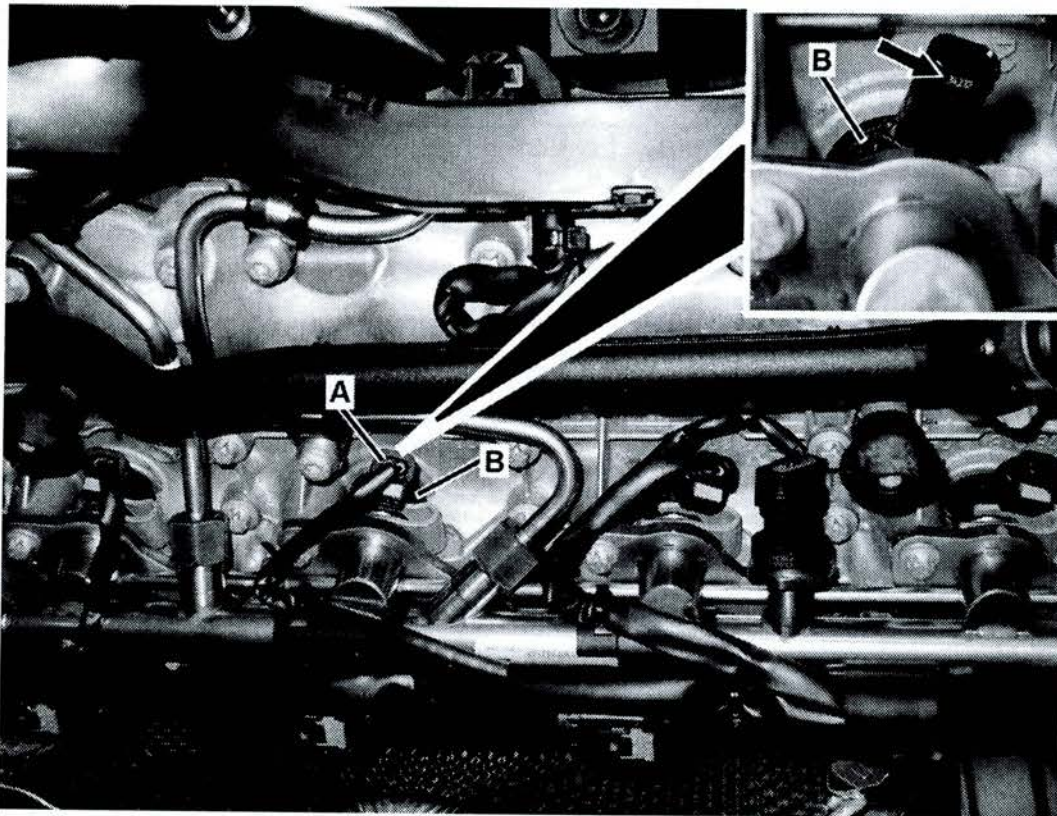


Figure 2

5. Assemble in reverse order.

Operation: Connect/disconnect battery charger (02-5058)
Star Diagnosis System (SDS), Connect/disconnect (02-4762)
Update injector coding (with DAS connected) (02-7618)

Damage Code	Operation Number	Model Indicator(s)
54 981 31 8	02-5058	FH, FM, Y6
	02-4762	
	02-7618 *	

* Includes: Remove/install air filter

Note

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