



Mercedes-Benz



Action

Customer ONE Action

Date: November 2014
Action No.: C1A141101
Group: 07

SUBJECT: **Model 156 (GLA)
Model Year 2015
Update Injector Coding**

This Customer One 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 prior to retail.

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

1.  Remove upper engine cover by pulling up on cover.

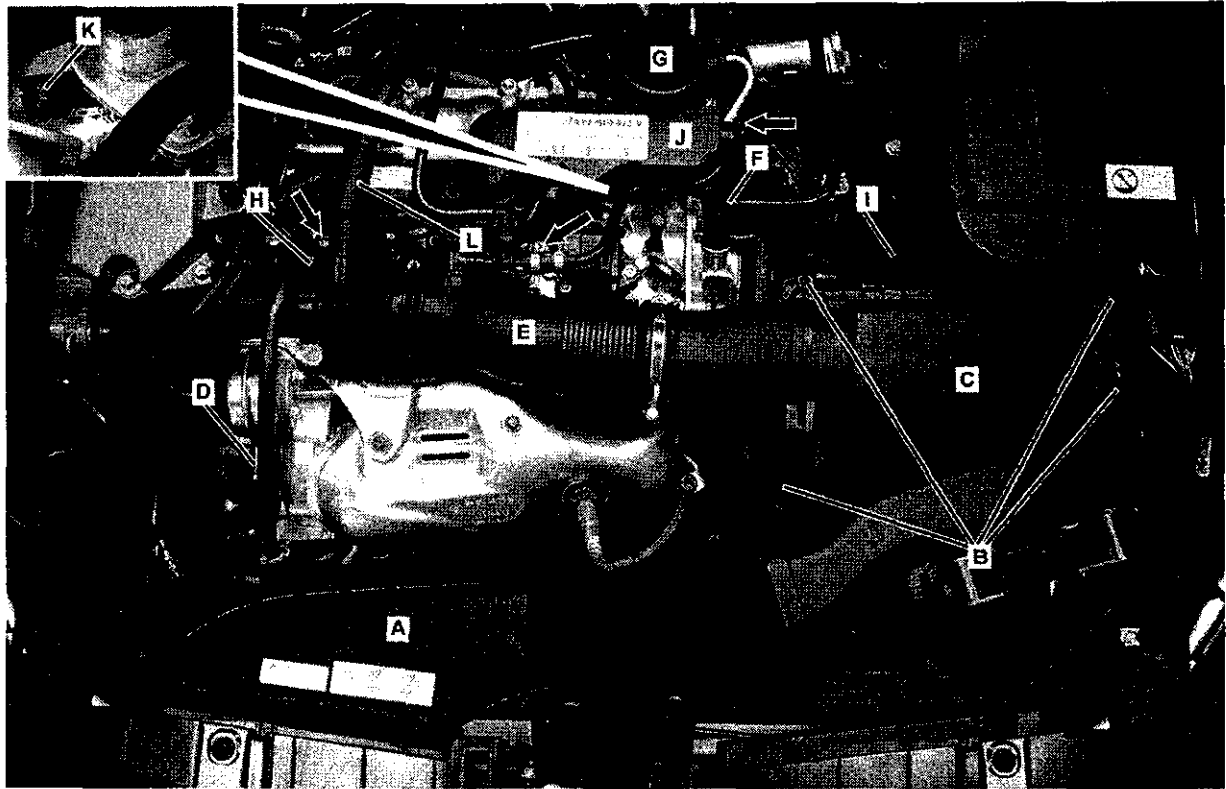


Figure 1


2. Disconnect injector harness cover (J, Figure 1) from engine:
 - Disconnect air intake duct (A) from radiator cross member
 - Remove 4 screws (B) from air cleaner cover (C).
 - Loosen hose clamp (D) on charge air intake duct (E).
 - Unclip brake booster line (F) from engine and move to one side.
 - Remove cover (G) over high pressure fuel pump.
 - Unclip engine harness (H) from intake duct.
 - Unclip engine harness (I) from air cleaner.
 - Remove 3 torx bolts (arrows) to loosen engine harness from engine.
 - Lift up engine harness cover (J) slightly then unclip injector harnesses from injectors.

 **Note:**

Do not disconnect vent line (L) from charge air intake duct (E) or damage may occur.

3. Connect Star Diagnosis to vehicle.

 **Note:**

- Use DAS/Xentry 09-10-11/13 with all associated patches or higher.
- Follow the steps exactly as described in DAS/Xentry.
- Connect battery charger (battery voltage  >12.5V).

4. Update injector injection quantity adjustment: Control units / ME-SFI motor electronics 'MED 177' for internal combustion engine 'M270' (N3/10) / Control unit adaptations / Configuration / Manual adjustment / Injector quantity adjustment.

5. Follow on-screen instructions.

i Note:

- Injector code (K, Figure 1) can be read after disconnecting engine harness connector from injector. Refer also to Figure 2.
- If injector code (K, Figure 1) 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 (K, Figure 1) found on each injector is the **same** as injector code on Star Diagnosis screen, injector coding is **not** required.

6.  Assemble in reverse order.



Figure 2

Warranty Information

Operation: Connect/disconnect battery charger (54-0650)
 Perform short test (54-1011)
 Labor needed to access injectors (02-0001)
 Update injector coding with Xentry (54-0992)

Damage Code	Operation Number	Labor Time (hrs.)
07291 73 8	54-0650	0.1
	54-1011	0.2
	02-0001	0.3 ¹⁾
	54-0992	0.1

¹⁾ NON time for published documents, separate punch time not required.

i Note

Operation Number labor times are subject to change.