

Vehicle: Customer Interest Engine Controls - Lack of Power/Hesitation/MIL ON

Date: February 2, 2004

Order No.: P-B-07.00/28f

Supersedes: P-B-07.00/28e dated Dec. 18, 2003

Group: 07

Revision: Warranty Information Updated

SUBJECT:

Model 220/215, Model Year 2003 Model 203, Model Year 2002 and later Model 210, Model Year 2002 Model 211, Model Year 2003 Model 209, Model Year 2003 Model 230 as of Chassis No. F029500

Model 170 (SLK320 only), Model Year 2002 and later

Engine Control Unit Software Update

The Flashware CD release 0004488102/0005 (refer to S-B-07.61/30) or any newer version contains a software update for the engine control unit for the following conditions. Please use only the latest flash CD for flashing.

Note:

Do not flash Model 230 (SL500) with chassis number lower than F029500. ME software with part no. 113 153 34 79 will not communicate with transmission control unit resulting in a no start condition.

Note:

Emissions are not exceeded under normal conditions.

All M112/M113 Engines - Model 220/215 MY 2003 and later remaining models MY 2002 and later:

- ^ Lack of power under full acceleration and mid range and/or upper long-term adaption values drifting to lean.
- ^ Hesitation caused by "two-footed" driver, i.e. driver depresses accelerator and brake pedal at the same time as outlined in DTB # 302 dated May 29, 2001.

After flashing the ECU will have part number as follows:

- ^ All models with M113 = 113 153 44 79 with the following exceptions:
 - S500/430 4-Matic = 113 153 46 79
- ^ All models with M112 = 112 153 51 79 with the following exceptions:
 - C320MY2003 = 112 153 59 79
 - C-Class 4-Matic, MY 2003 = 112 153 44 79

Model E320/500 and CLK320/500 - MY 2003:

- ^ Check engine light with code P0442.

After flashing the ECU will have part number as follows:

- ^ E/CLK500 = 113 153 44 79
- ^ E/CLK320 = 112 153 51 79

Note:

- ^ Ensure that all engine related systems are within specification. The software update will not compensate for any system or mechanical component malfunction.
- ^ When asking for SCN number (MY 2003 vehicles only), the PN that will be in the ECU after flashing must be specified.

Please refer to S-B-07.61/27 for instructions on flashware use.

Operation: Engine control module – flashing includes short test, perform (07-8820)
OR
Engine control module – flashing (after test) does not include short test, perform (07-8821)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
54575 ED	07 8820	0.6 hrs.	E4, E6, E7, E8, E9, F2, G3, M1, M2, M6, M7, N1, P1, P2, P4, P6, P7, P8, P9, Q2, Q4, R1, S1, S2, T1, T2
	07 8821	0.3 hrs.	E4, E6, E7, E8, E9, F2, G3, M1, M2, M6, M7, N1, P1, P2, P4, P6, P7, P8, P9, Q2, Q4, R1, S1, S2, T1, T2

i **Note:** It is required that the DTB Order no. be referenced in the Dealer Text Field of the Warranty Claim upon submission.

i **Note:** No other labor operation codes can be claimed with this repair.

In Case of Warranty