



No.: 04 TS - 15
March 16, 2004

TO: All Distributors and Dealers – Worldwide and Class of '03

ATTN: Service Mangers

FROM: Jack Evanoff

SUBJECT: Reprogramming Station Support for Mercedes Benz Electronic Engines

DRS 5.0 will contain new software allowing the user to program both the MBE engine control modules at the local level. The basic programming functionality of the new software includes:

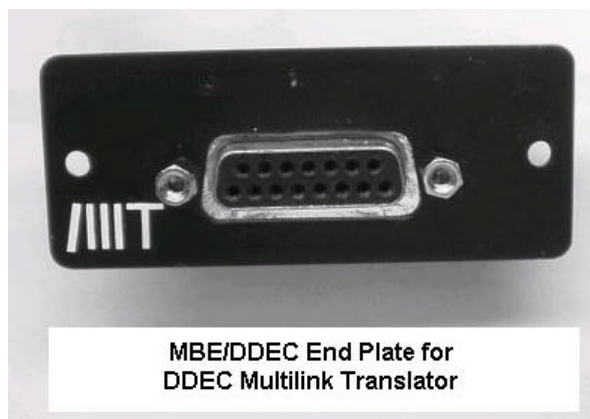
- Replacement of a PLD
- Change the horsepower rating of PLD (within the proscribed limits of the engine's hardware)
- Replacement of a VCU
- Upgrade the software level of a VCU

Note: The PLD functionality will be for both on-highway and off-highway engines. VCU functionality pertains to on-highway engines only. There is no support for ADM modules in DRS 5.0.

The MBE portion of DRS 5.0 also allows the user to:

- Make changes to both the PLD and VCU parameter sets. The user may change any parameter that may currently be changed with a Minidiag.
- Generate the numbers required to secure a back door password for VCU software level 13 and higher.
- Insert the proper numerical code when an injector unit pump is replaced

In order to be able take advantage of the new Mercedes Benz functionality current reprogramming station owners with Multi-link translators will need to order a MBE VCU / PLD Programming kit. **Special note:** **You must use a Multi-Link in order to have MBE functionality.** The kit consists of 4 main items:





PLD Flash Cable
Part Number J-47013



VCU Power Cable
Part Number J-47161



VCU Flash Cable
Part Number J-47012

This kit will be available beginning March 19th, 2004 in anticipation of the production release of DRS 5.0 in April 2004. To obtain an MBE PLD / VCU programming kit, simply fill out the order form at the end of this letter and fax it to the number indicated. Both the PLD flash cable and the VCU power cable need to be powered up by an external power adapter. All Programming Stations ordered over the past five years have contained a 12-volt AC adapter (p/n J-42767). Both the PLD flash cable and VCU power cable can use this adapter. Users with the older style suitcase programming station can order the AC adapter from SPX (1-800-328-6657). For further information please contact the Reprogramming Station Support Team at 313-592-5959.

Regards,

Jack Evanoff
Power Service Group

DETROIT DIESEL CORPORATION
DISTRIBUTOR CUSTOMER SUPPORT
MBE PLD/VCU Programming Parts Kit
Order Form

The MBE PLD/VCU Reprogramming Kit contains all of the components necessary for connecting a programming station to both MBE PLD and VCU controllers. The kit consists of the following parts:

Part Number	Description
J-47012	MBE VCU Flash Cable
J-47013	MBE PLD Flash Cable
J-47161	VCU Bench Cable*
N/A	MBE/DDEC Endplate for DDEC Multilink Translator

*The VCU Bench Cable is currently backordered and will arrive in a separate shipment at a later date.
The cost of the complete kit is \$300.00 if ordered before April 15, 2004
After April 15th MBE Programming Kits will be \$350.00

To obtain an MBE Programming Kit, simply fill out the information below and fax this form to the number listed at the bottom of the page. Please note that **we are unable to ship kits to P.O. boxes.**

Reprogramming Station (Suitcase) No. _____ (or) Mini Reprogramming System (M.R.S.) No. _____

SHIP TO: _____ **BILL TO:** _____

Contact Name: _____ Name: _____

Street: _____ Street: _____

City & State: _____ City & State _____

Country: _____ Country _____

Zip Code: _____ Zip Code _____

Telephone _____ Fax: _____

Distributor Code _____ Carrier's Name _____

Billing/Payment: By signing this form, the Licensee authorizes Detroit Diesel Corporation or Dealer authorizes Distributor, to charge its service account the amounts indicated above. Fees and purchase price are subject to change without notice.

Distributor/Dealer Name (please print) _____

Signature _____ Date _____

DDC Approval Signature _____ Date _____

Purchase Order Number _____.

Please complete all information on this form, and **fax the form to Detroit Diesel Distributor Support at 313-592-7430**. Your MBE Reprogramming Kit will be shipped to you after April 1, 2004.