

Wednesday, January 12, 2005

V-MAC III SERVICE SOFTWARE v.2.9.4

The V-MAC III Service Software v.2.9.4 effectivity date is 01/12/2005. The software is a fully 32-bit RP1210A-compliant application and will work with MS Windows 98, and MS Windows 2000/ XP (when using an RP1210A-compliant data link adapter). **NOTE: J-38351-D support under Win 2000/XP uses the adapter in RP1210A mode (only) and requires the installation of updated Noregon Standalone API v.2.5.0.3 device drivers.** This release of diagnostic software includes support for all V-MAC III module combinations including E-Tech, CCRS, ASET IEGR, and ASET CEGR through 1MS379/1MS383, or V-MAC III Step 12 VECU and ASET AC Step 3/4 EECU software.

NEW FEATURES:

1. **Support for 1MS379, or V-MAC III Step 12 VECU software**
 2. **Service Diagnostics**
 - a. **Added capability to recognize a dual throttle vehicle and provide the capability to calibrate both pedals (1MS379 VECU product software required)**
 - b. **Vehicle Data Log display: For VECU 1MS379, the following values have been added to vehicle data log display:**
 - **Vehicle Overspeed Max**
 - **Engine Overspeed Co. Threshold Max**
 - **Severe Engine Overspeed Max**
 - **Severe Engine Overspeed Occurrences**
 - **Maximum Engine Speed**
 - **Maximum Vehicle Speed**
 - **Fan Clutch Cycles**
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1. **Customer Data Programming:**
 - a. **Added On/Off Fan Coolant Temperature Disengagement Threshold to the engine ECU programmable parameters**

If the On/Off Fan Coolant Temperature Engagement Threshold is changed and the difference between the new engagement temperature and the disengagement temperature is not at least 10 deg F, then the Disengagement threshold will automatically be displayed as 10 deg F lower than the engagement temperature. The Disengagement value may be altered, but a 10 deg difference will be enforced.
 - b. **The parameter fields that only apply to the on/off fan, and are only enabled when the ON/OFF fan is selected.:**
 - **Fan Coolant Temperature Disengagement Threshold,**
 - **Fan Coolant Temperature Engagement Threshold,**
 - **Fan Air Temperature Engagement Threshold, and**

- **Air Conditioning Override Time**
- c. **Parameter range changes:**
- **On/Off Fan Coolant Temperature Disengagement Threshold** range 193 - 200 deg F
 - **On/Off Fan Coolant Temperature Engagement Threshold** range 203 - 210 deg F
 - **On/Off Air Conditioning Override Time** range 30 - 300 seconds.
- d. **The Road Speed Limit resolution was modified to display and allow entry of speed to the tenth of a MPH.**

ADJUSTMENTS:

1. **Service Diagnostics**
 - a. **Throttle Pedal Calibration for Cummins Chassis**

NOTE

USING SERVICE ALERT SA-221-037, "UNINSTALLING V-MAC SOFTWARE", UNINSTALL ALL v.2.4.X AND PRIOR RELEASES OF V-MAC SERVICE TOOLS FOR WINDOWS BEFORE INSTALLING V.2.9.X V-MAC SERVICE TOOLS SOFTWARE. ALSO, REMOVE ANY REMAINING ICONS ASSOCIATED WITH PRIOR RELEASES OF V-MAC WINDOWS-BASED SERVICE SUPPORT SOFTWARE. FAILURE TO FOLLOW THESE UNINSTALLATION INSTRUCTIONS PRIOR TO INSTALLING V.2.9.X TOOLS WILL RESULT IN PROGRAM INSTABILITIES AND FAILURE.

INSTALLATION:

To download and install V-MAC III Service Tools v.2.9.4 software:

1. Click on the attachment on the right to download the file vmacss_v_2_9_4.exe. The file size is 7,046,108 bytes.
2. Save the file to a temporary location on your hard drive. We suggest you create a C:\MASTERS\VMAC3\ directory and store the file there.
3. Upon completion of the download, navigate to the temporary directory where the file is stored and double-click on the downloaded executable to install the V-MAC III Service Tools software. Follow the onscreen instructions to complete the installation. Reboot the PC if asked to do so.
4. **When running the program for the first time, ensure that you properly select the data link adapter that you will be using with the software.**

As always, if you experience difficulty with these products, or have additional questions or concerns, please contact the Mack Trucks, Inc. System Support Center at (800)247-0039.

V-MAC SUPPORT SOFTWARE V.2.9.X REVISION HISTORY

December 03, 2004

Service Software v.2.9.1

Initial Release.

January 12, 2005

Service Software v.2.9.4

Fixed Vehicle Data Log Access and Reset Issue.

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