

# VOLVO

Volvo Cars of North America, Inc.

Rockleigh, New Jersey

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DISTRIBUTE TO SERVICE MANAGER, PARTS MANAGER AND TECHNICIANS  
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VOLVO CARS OF NORTH AMERICA, ROCKLEIGH, NJ. DATE: 12/16/94  
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THIS TECH DCS GRAM SUPERSEDES PREVIOUS ISSUE DATED 7/13/94  
REFERENCE: Service Bulletin 28-102, May, 1994

MODEL : All LH2.4 except B234F, MY89-93. NO: 28-03  
SUBJECT: DTCs 1-3-1, 2-3-2 changes, EPROM replacement

DESCRIPTION: EPROMs are available for all LH2.4 MFI control modules except B234F. While the primary intent of the EPROMs is to address Low RVP fuel related driveability concerns on 1993 and earlier cars, these EPROMs also contain all of the latest software changes, including modified DTC parameters.

For example, parameters for DTCs 131 and 232 were modified as a running change in March, 1992. These revised parameters are included in this latest software. LH2.4 control modules with Bosch date code 263 or later have the DTC changes incorporated. LH2.4 units with date code 262 or earlier should NOT be replaced for presence of the above mentioned DTCs, only the applicable EPROM should be replaced.

Affected LH MFI control modules should NOT be replaced for driveability or DTC related conditions (except DTC 1-1-2). The only approved repair is an EPROM exchange as per SB 28-102. The ONLY valid LH MFI control module replacement is for a hardware fault, e.g., loss of fuel pump relay signal, short circuit, etc.

If in doubt as to whether or not an LH 2.4 control module has been already updated, check the label on the unit. If the label has either the program code (VXXXXXXX) AND/OR the part number indicated under the "Updated MFI LH2.4 Control Module Identification" column, the car has the latest programming and no further action should be taken with the control module.

Warranty claims for LH MFI control modules replaced for software related conditions will be denied.

Index # 041044

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# **VOLVO**

## **Volvo Cars of North America, Inc.**

Rockleigh, New Jersey

Drive Safely,

VOLVO CARS OF NORTH AMERICA, INC.  
900 Quality Center

Please circulate, read and initial:

\_\_\_\_\_ Svc mgr \_\_\_\_\_ Part mgr \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ Techs

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