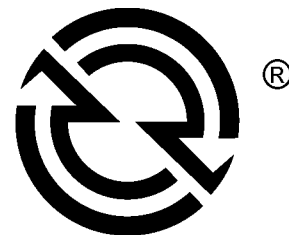


DETROIT DIESEL



MBE4000 Service Information

NUMBER: 7-MBE4000-05 **S.M. REF.:** 7.3 **ENGINE:** MBE4000 **DATE:** November 2005

SUBJECT: THREE-PIECE EXHAUST MANIFOLD GASKETS ON MBE4000 EGR ENGINES

INTRODUCTION

The following attachment pages are a revision of the exhaust manifold gasket removal and installation procedures found in Section 7.3 of the Exhaust System chapter.

DETAILS AND REASON

Improved exhaust manifold gaskets have been released for MBE4000 EGR engines. The new gaskets have increased thermal growth and improved sealing qualities. The former two-piece gasket has been superseded by the new three-piece gasket for all MBE4000 EGR engines. This design change took place with engine serial number 0460804201, built on January 20, 2005. The new part number (one required) 4601421580 is for cylinders 1 – 2, and part number (two required) 4601421480 is for cylinders 3 – 6.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in the Detroit Diesel *MBE4000 Service Manual*, 6SE412. The next revision to this manual will include the revised information. As a convenience to holders of the *MBE4000 Service Manual*, information in service manual format is attached. The page(s) may be inserted into the manual.

NOTE:

Manual insert pages are numbered for insertion into the current *MBE4000 Service Manual* dated March 2004. Service manuals are available through authorized Detroit Diesel service locations. If this bulletin was obtained from the Internet, service manual page(s) are available by returning to the screen "SIB Index", selecting attachment pages, and printing the page(s).

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