

**SERIES 60®**

# **Service Manual**

**Detroit Diesel®  
Series 60 Diesel,  
Natural Gas-Fueled,  
and Diesel Marine Engines**

**DETROIT DIESEL**  
**CORPORATION**



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**NOTE:**

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**CALIFORNIA  
Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

## ABSTRACT

This manual provides instruction for servicing on-highway, construction and industrial, generator set, and marine applications of the Detroit Diesel Series 60 Diesel and Natural Gas-Fueled Engines.

Specifically a basic overview of each major component and system along with recommendations for removal, cleaning, inspection, criteria for replacement, repair and installation and mechanical troubleshooting are contained in this manual.

DDEC III/IV troubleshooting concerns are contained in the DDEC III/IV Single ECM Troubleshooting Guide, 6SE497.

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## ENGINE EXHAUST

Consider the following before servicing engines:



### CAUTION:

**Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.**

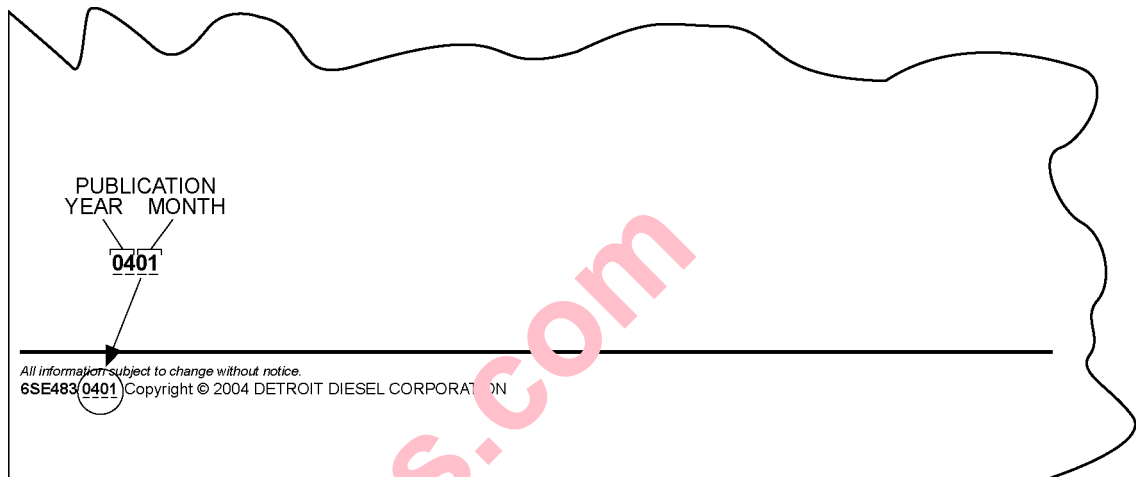
- ☐ **Always start and operate an engine in a well ventilated area.**
- ☐ **If operating an engine in an enclosed area, vent the exhaust to the outside.**
- ☐ **Do not modify or tamper with the exhaust system or emission control system.**

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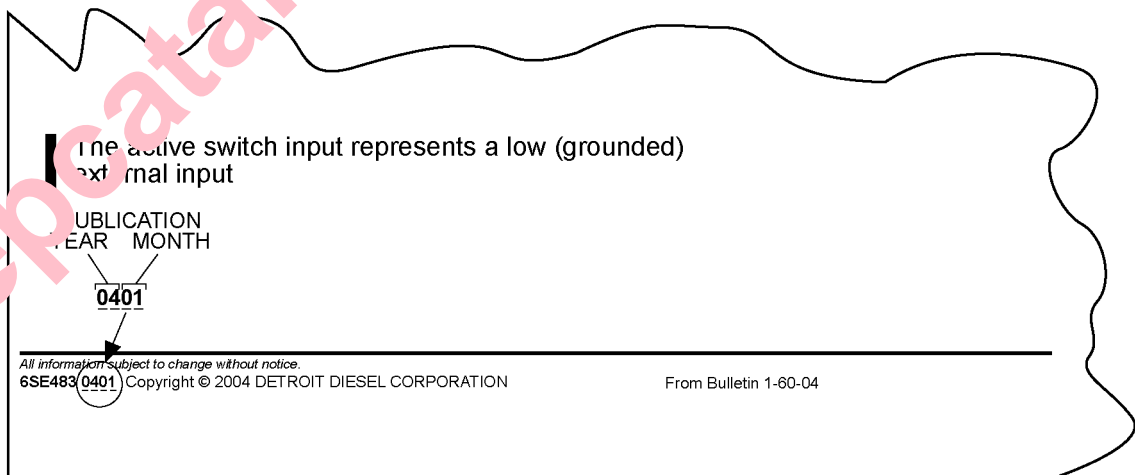
## REVISION NOTIFICATION

Modifications to this manual are announced in the form of Service Information Bulletins. The bulletins include attachment pages and are posted on the World Wide Web ([www.detroitdiesel.com/svc/sibindex.htm](http://www.detroitdiesel.com/svc/sibindex.htm)).

Revisions to this manual will be sent marked with a revision bar (see Example 2). Sections containing revisions will have a third line in the page footer (compare Examples 1 and 2).



Example 1 - Unchanged Pages



Example 2 - Changed Pages

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