



SERVICE MANUAL

MITSUBISHI DIESEL ENGINE

6D2

(For industrial use)

Applicable Engine Models: 6D24, 6D24-T, 6D25-TC, 6D24-TL



Shop Manual

diesel engine

6D2 (for industrial use)



Pub. No. 9784T-02020

6D2

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Shop Manual

FOREWORD

This shop manual contains the specification, construction, operation, adjustment and service procedures of the Model 6D2 diesel engine for service mechanics engaged in servicing of the Mitsubishi diesel engines.

Please make the most of this shop manual to perform correct servicing and wasteless operations.

Note that some of the contents of this shop manual are subject to change owing to improvements, etc. that may be introduced after publication of this shop manual.

FEBRUARY 2001

Applicable Engine Models

6D24
6D24-T
6D24-TC
6D24-TL

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COMPILATION OF THIS MANUAL

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1. TERMS AND UNITS

The following terms and units are used throughout the entire texts of this manual.

(1) Front and rear

The terms "front" is the fan side and "rear" the flywheel side of the engine.

(2) Right and left

The terms "right" and "left" shall be used to indicate the side as viewed from the flywheel side of the engine.

(3) Service standard terms

- Nominal value

Shows the nominal dimensions, dimension of an individual part, standard clearance between parts in an assembly, or the standard performance of an assembly.

- Limit

Shows the value of a part at which the part is no longer serviceable from the performance as well as strength viewpoints, requiring replacement or repair.

(4) Tightening torque

Over- or undertightening of bolts and nuts has critical effects on performance and functions. Tightening torque is therefore specified for some tightening points.

All tightening torque specifications may be considered as "dry" unless "wet" is specified.

Where no tightening torque is specified, use a torque value specified in the General Bolts and Nuts Tightening Torque Table.

(5) Units

Length, weight, surface area and capacity are given in International Systems of Units with metric units indicated in ().

Temperatures are given in degrees Celsius.

For the conversion into the foot-pound system, refer to the following conversion table.

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