

**KOBELCO**

SERVICE MANUAL

mitsubishi DIESEL ENGINE

**4D3, DR**

For Industrial Use

Applicable Engine Models: 4D31, 4D31-T, 4D30  
4DR5, 6DR5

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**MITSUBISHI DIESEL ENGINE**

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**SHOP MANUAL**

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**MODEL**

**4D5,DR**

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**(FOR INDUSTRIAL USE)**

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## FOREWORD

This shop manual contains the specification, construction, operation, adjustment and service procedures of the Model 4D31, 4D31-T, 4D30, 4DR5 and 6DR5 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 various 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.

### Applicable Engine Models

4D31	}	For industrial use
4D31-T		
4D30		
4DR5		
6DR5		

### Applicable Engine No.

4D31-472830 and up <4D31>  
4D31-473044 and up <4D31-T>  
4D30-475518 and up  
4DR5-783628 and up

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