

SERVICE MANUAL



**MITSUBISHI
DIESEL ENGINE**

L-SERIES

**L2A, L2C, L2E
L3A, L3C, L3E**

APRIL 2001



FOREWARD

This Service Manual, prepared for the benefit of service mechanics, describes the construction and service procedures of the Mitsubishi diesel engine models L series (L2A, L2C, L2E, L3A, L3C and L3E).

We hope that this manual will be helpful for you to make proper and fast service operations, ensuring that the engines are able to keep top performance over an extended period of time. This manual has been prepared on the basis of the latest engines in May 1997 and, therefore, does not contain possible changes in specification to which those engines are subject thereafter.

MITSUBISHI DIESEL ENGINE L MODELS

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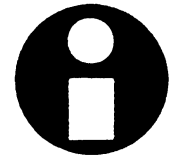


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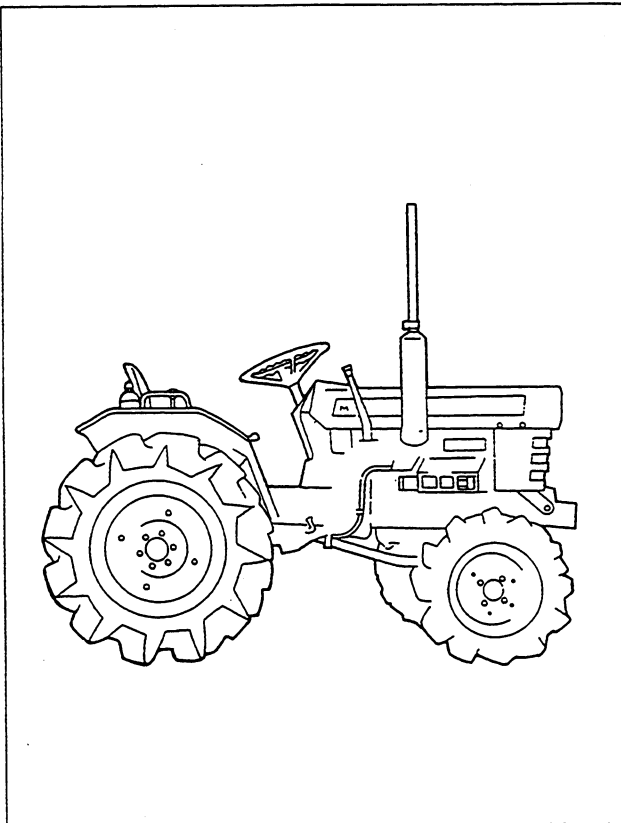
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GENERAL

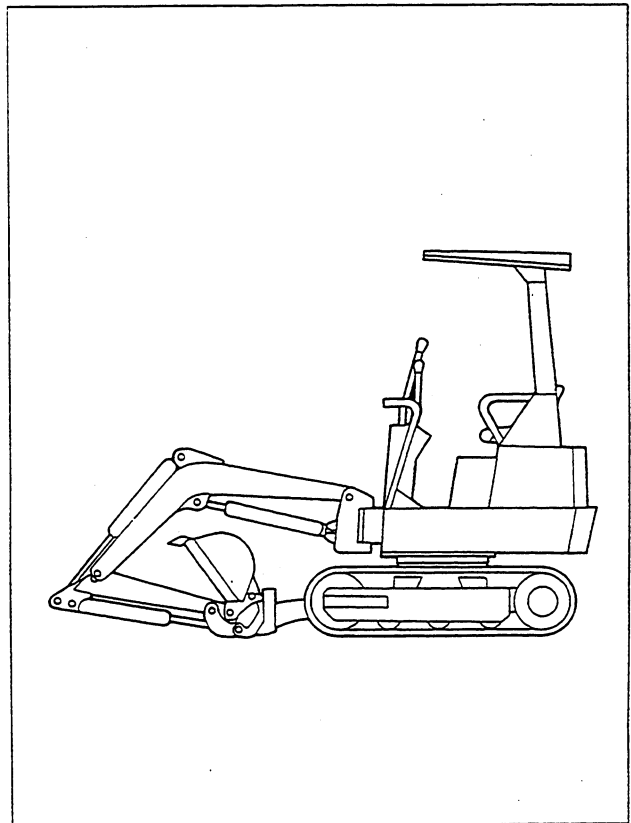


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Tractor Application



Excavator Application





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0-01 ENGINE MODEL AND ENGINE NUMBER

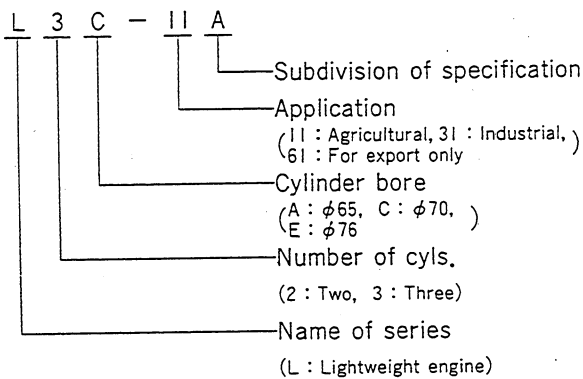
■ Engine Model and Engine Number

0. 1 Model, Classification, and Use

(1) Engine model and

Model	Application	Use
L2A	11, 12~	For For Agricultural
L2C		
L2E	31, 32~	For Industrial
L3A		For Export only
L3C	61, 62~	
L3E		

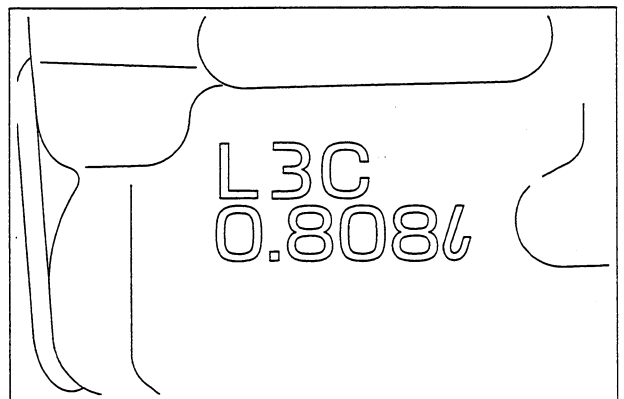
(2) The engine model number may be broken down as follows :



0. 2 Engine model embossment and engine number stamp

(1) Embossment of engine model and cylinder volume

The engine model and cylinder volume are embossed on the side of injection pump mounting portion of the cylinder block.



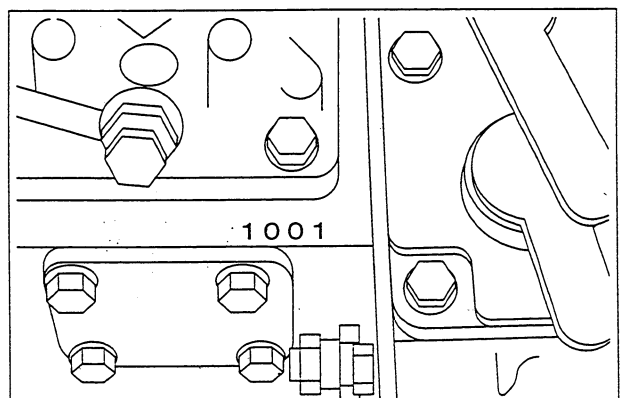
Engine Model and Cylinder Volume

(2) Engine number stamp

The engine number is stamped on the injection pump mounting portion of the cylinder block (on the upper side of the tie rod cover).

It is a serial number beginning with 1001 as shown below.

Number	Engine model
1001~	(ALL models)



Engine Number

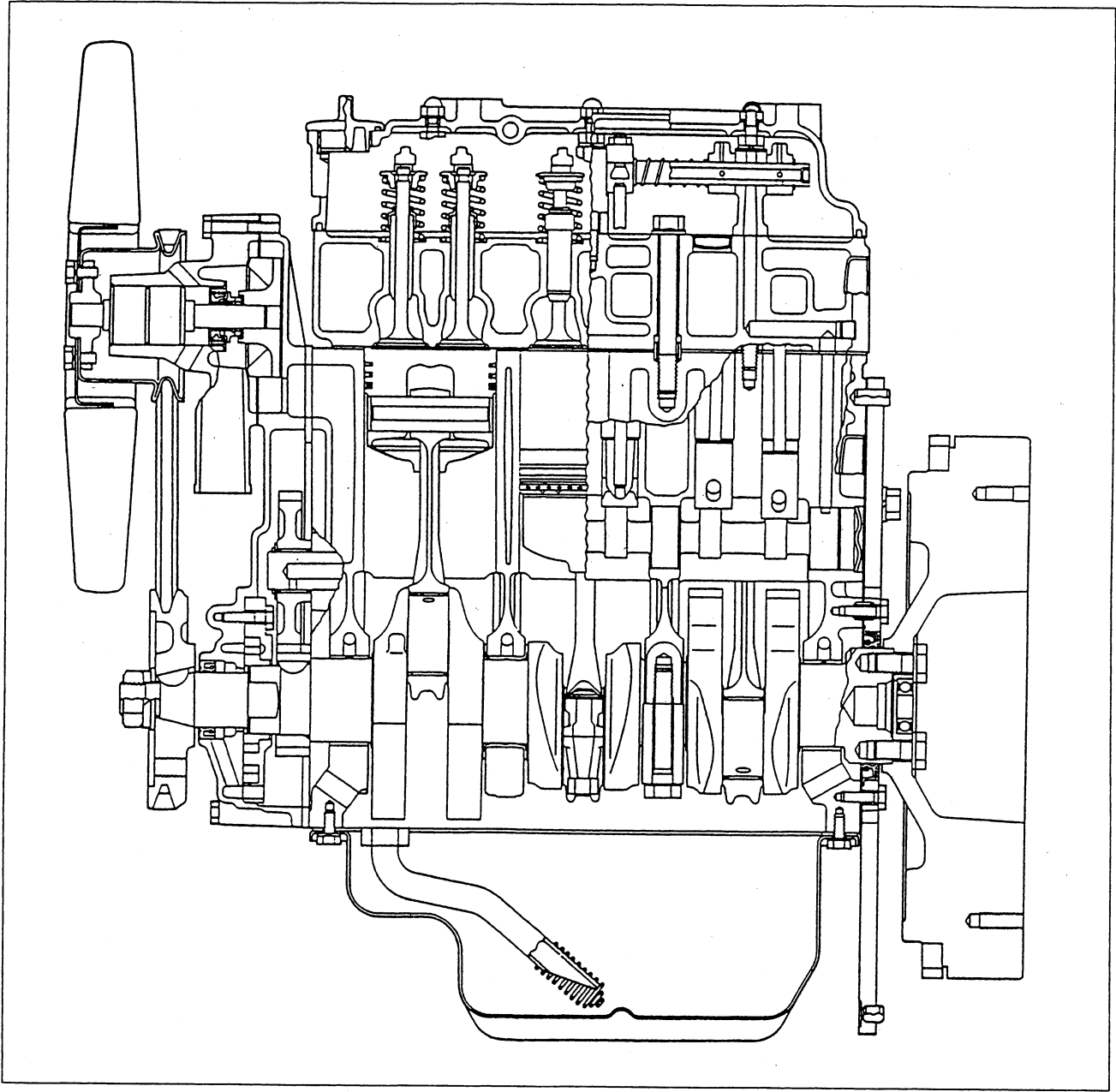


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0-02 SECTIONAL VIEWS

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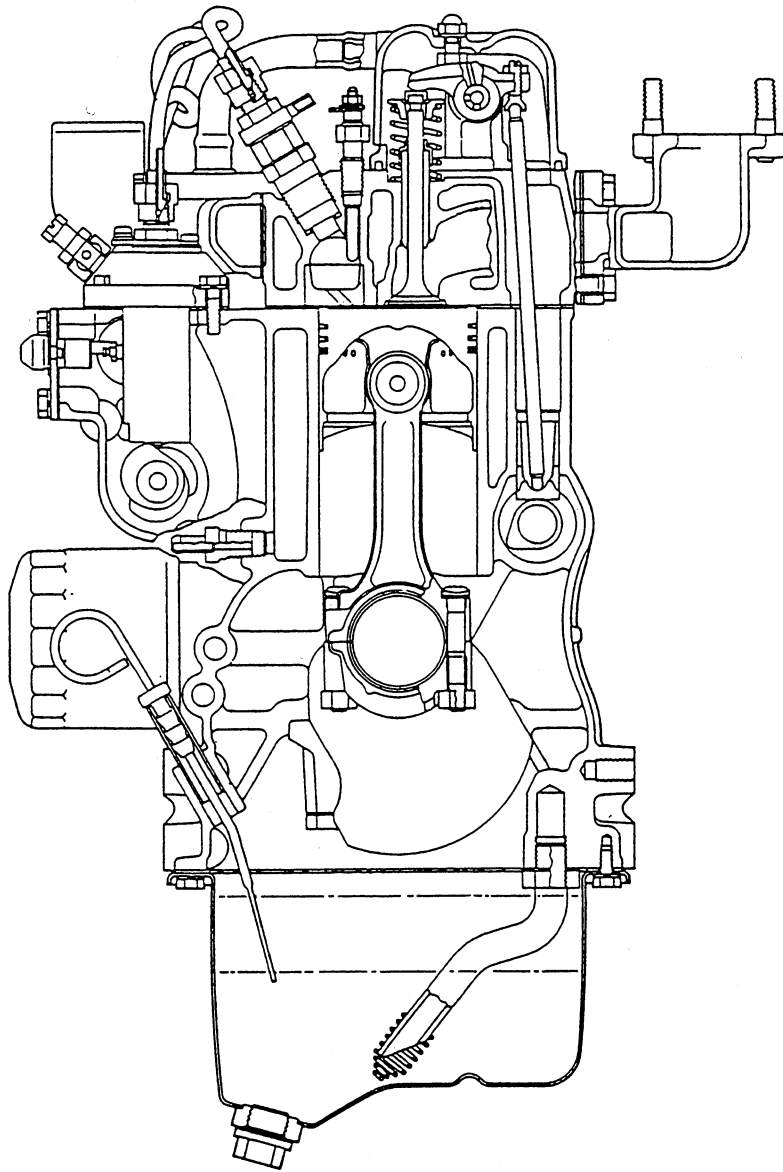


Longitudinal Section (L3C)

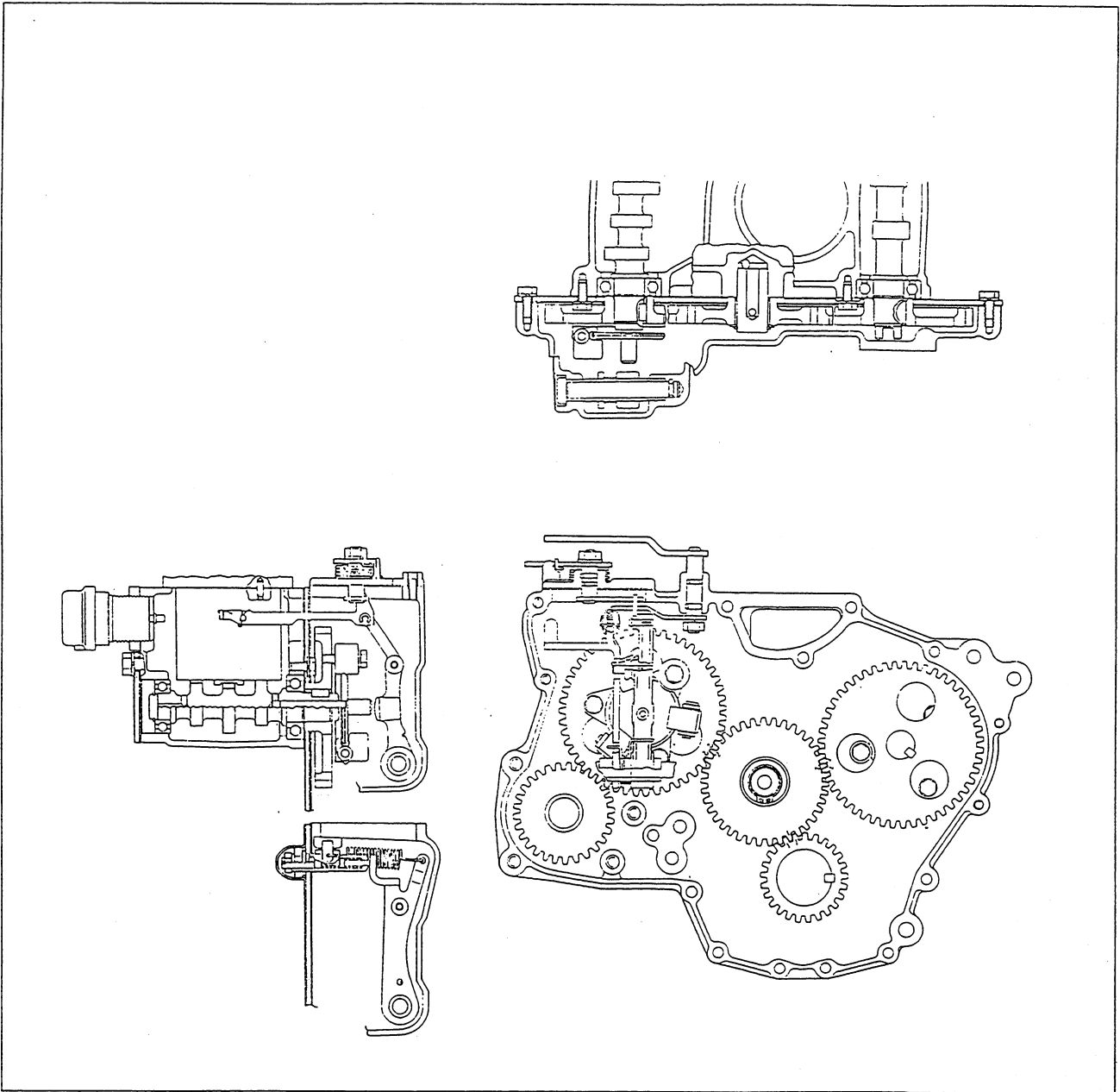


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0-02 SECTIONAL VIEWS



Cross Section (L3C)



Sectional Views of Governor (L3C)