

MITSUBISHI

ENGINE

4M4 SERIES

WORKSHOP MANUAL

FOREWORD

This Workshop Manual contains procedures for removal, disassembly, inspection, adjustment, reassembly and installation, etc. for service mechanics.

All information, illustrations and product descriptions contained in this manual are current as at the time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

4M40 engine.....

A

4M41 engine.....

B

FILING INSTRUCTION

Please keep these manual pages in the binder No. BN940001.

File these pages according to the signs "Added", "Revised" and "Deleted" on the "List of effective pages" which are interpreted below.

Added: File the pages with this sign additionally in your manual.

Revised. Deleted: Replace the existing pages with the corresponding pages with this sign.

Missing sheets will be supplied upon request.

This 4M4 Engine Workshop Manual is issued as a complete renewal and supersedence.
So, please discard the former 4M4 Engine Workshop Manual (Pub. No. PWEE9311).

 **MITSUBISHI MOTORS CORPORATION**

INTRODUCTION

EXPLANATION OF MANUAL CONTENTS

Maintenance and Servicing Procedures

(1) A diagram of the component parts is provided near the front of each section in order to give the reader a better understanding of the installed condition of component parts.

- Removal steps:
The part designation number corresponds to the number in the illustration to indicate removal steps.
- Disassembly steps:

INTRODUCTION

Indicates
the group
title.

Indicates
the section
title.

Indicates
the group
number.

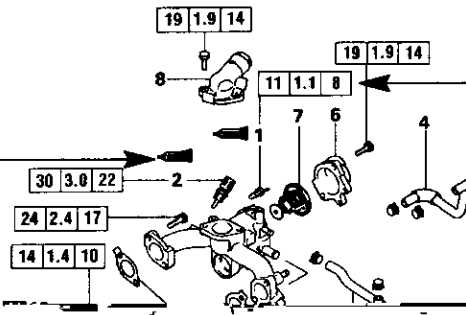
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the section
number.

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number.

6A1 ENGINE – Water Pump and Water Pipe

11A-7-1

7. WATER PUMP AND WATER PIPE REMOVAL AND INSTALLATION



Denotes tightening
torque.

11A:

Nm	kgm	ft.lbs.
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11B:

Torque values are
given only SI unit.

List of Effective Pages

Page	Revision code	Date	Remarks	Page	Revision code	Date	Remarks
11A-0-1	D	Feb. 2000		11A-21-2	A	Nov. 1995	
11A-0-3 to 11A-0-5		Jan. 1995		11A-21-3 and 11A-21-4		Jan. 1995	
11A-1-1		Jan. 1995		11A-22-1 and 11A-22-2	D	Feb. 2000	
11A-1-2 to 11A-1-4	D	Feb. 2000		11A-22-3		Jan. 1995	
11A-1-5		Jan. 1995		11A-22-4 and 11A-22-5	D	Feb. 2000	
11A-1-6	D	Feb. 2000		11A-22-6		Jan. 1995	
11A-1-7	C	July 1999		11A-23-1		Jan. 1995	
11A-1-8 to 11A-1-10		Jan. 1995		11A-24-1 and 11A-24-2		Jan. 1995	
11A-2-1 to 11A-2-3		Jan. 1995		11A-24-3 to 11A-24-5	B	Apr. 1996	
11A-2-4	B	Apr. 1996		11A-25-1 to 11A-25-4		Jan. 1995	
11A-3-1		Jan. 1995		11A-25-5	A	Nov. 1995	
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11A-4-1a and 11A-4-1b	D	Feb. 2000		11A-27-1 to 11A-27-3		Jan. 1995	
11A-4-2		Jan. 1995		11A-28-1	D	Feb. 2000	
11A-5-1	D	Feb. 2000		11A-28-2 to 11A-28-7		Jan. 1995	
11A-5-2	C	July 1999					
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11A-6-3a and 11A-6-3b	D	Feb. 2000		11B-1-1 to 11B-1-4	E	July 2001	Revised
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11A-8-1	D	Feb. 2000		11B-3-1	D	Feb. 2000	
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11A-10-1 and 11A-10-2		Jan. 1995		11B-5-1 and 11B-5-2	D	Feb. 2000	
11A-11-1	D	Feb. 2000		11B-6-1	E	July 2001	Revised
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11A-12-1 and 11A-12-2	B	Apr. 1996		11B-7-1 and 11B-7-2	D	Feb. 2000	
11A-12-3 and 11A-12-4	C	July 1999		11B-8-1	E	July 2001	Revised
11A-13-1	A	Nov. 1995		11B-8-2 and 11B-8-3	E	July 2001	Added
11A-13-2		Jan. 1995		11B-9-1 and 11B-9-2	E	July 2001	Revised
11A-13-3 and 11A-13-4	B	Apr. 1996		11B-9-3	E	July 2001	Added
11A-13-5	D	Feb. 2000		11B-10-1 and 11B-10-2	D	Feb. 2000	
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11A-15-2	B	Apr. 1996		11B-18-1 and 11B-18-2	D	Feb. 2000	
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11A-19-1	D	Feb. 2000		11B-24-1 and 11B-24-2	D	Feb. 2000	
11A-19-2 to 11A-19-9		Jan. 1995		11B-25-1 to 11B-25-8	D	Feb. 2000	
11A-20-1	D	Feb. 2000		11B-26-1 to 11B-26-4	D	Feb. 2000	
11A-20-2		Jan. 1995					
11A-21-1		Jan. 1995					

Missing sheets will be supplied upon request.

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