

# MITSUBISHI

# ENGINE F9Q

## 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.

ENGINE ..... **11A**

#### 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.

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Replace the existing pages with the corresponding pages with this sign.

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 **MITSUBISHI MOTORS CORPORATION**

## INTRODUCTION

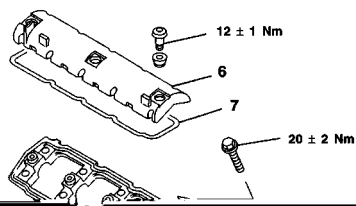
Indicates the group title.

## F9Q ENGINE – Camshaft and Vacuum Pump

11A-10-1

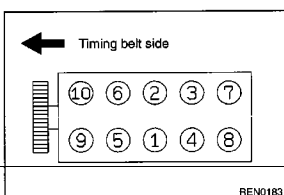
### 10. CAMSHAFT AND VACUUM PUMP

#### REMOVAL AND INSTALLATION



#### Removal steps

1. Engine hanger
2. Glow plug
3. Glow plug
4. Glow plug
5. Glow plug
6. Cylinder head cover
7. Cylinder head cover gasket
8. Glow plug



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#### INSTALLATION SERVICE POINTS

##### ▶ A ◀ BEARING CAP INSTALLATION

- (1) Apply sealant on the bearing cap at a position where it comes in contact with the cylinder head.
- (2) Tighten the bearing cap bolts to a torque of  $20 \pm 2$  Nm in the sequence given in the illustration.

# LIST OF EFFECTIVE PAGES

Page	Revision Code	Date	Remarks	Page	Revision Code	Date	Remarks
11A-0-1 to 11A-0-3		Jun. 2000		11A-10-3	A	Mar. 2001	Added
11A-1-1		Jun. 2000		11A-11-1		Jun. 2000	
11A-1-2 and 11A-1-3	A	Mar. 2001	Revised	11A-11-2	A	Mar. 2001	Revised
11A-2-1		Jun. 2000		11A-11-3		Jun. 2000	
11A-2-2	A	Mar. 2001	Revised	11A-11-4 to 11A-11-6	A	Mar. 2001	Revised
11A-2-3	A	Mar. 2001	Added	11A-11-7		Jun. 2000	
11A-3-1 and 11A-3-2	A	Mar. 2001	Revised	11A-12-1 and 11A-12-2	A	Mar. 2001	Revised
11A-4-1 to 11A-4-5	A	Mar. 2001	Revised	11A-12-3	A	Mar. 2001	Added
11A-5-1		Jun. 2000		11A-13-1		Jun. 2000	
11A-6-1 and 11A-6-2	A	Mar. 2001	Revised	11A-13-2 and 11A-13-3	A	Mar. 2001	Revised
11A-7-1		Jun. 2000		11A-14-1		Jun. 2000	
11A-8-1	A	Mar. 2001	Revised	11A-14-2 and 11A-14-3	A	Mar. 2001	Revised
11A-9-1		Jun. 2000		11A-14-4		Jun. 2000	
11A-10-1 and 11A-10-2	A	Mar. 2001	Revised				

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