

**PARTS & SERVICE
NEWS**

REF NO.	AT04050
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SUBJECT: IMPROVED SEAL FOR ENGINE CYLINDER HEAD COVER ON SAA6D114E-2

PURPOSE: To introduce an improved engine cylinder head cover seal for the SAA6D114E-2 engines

APPLICATION: SAA6D114E-2 (All machines)
 PC300LC-7 Hydraulic Exavators Serial Nos. 40001 and up
 WA380-5 Wheel Loaders Serial Nos. 60001 and up
 GD655-3 Motor Graders Serial Nos. 1001 and up
 GD675-3 Motor Grader Serial Nos. 11001 and up
 CD110R-2 Crawler Dump Trucks Serial Nos. 1501 and up

FAILURE CODE: A1B0AA

DESCRIPTION:

1. Introduction

This Service News will introduce an improved engine cylinder head cover seal (O-ring) for the SAA6D114E-2 engines.

2. List of parts

Part No.	Part Name	Q'ty	Remarks
6741-11-8121 (6741-11-8120)	Seal (Seal)	1 (1)	Head cover O-ring
6741-11-8180 (6732-11-8180)	Washer (Washer)	6 (6)	Cover mounting washers

3. Details of the improvement

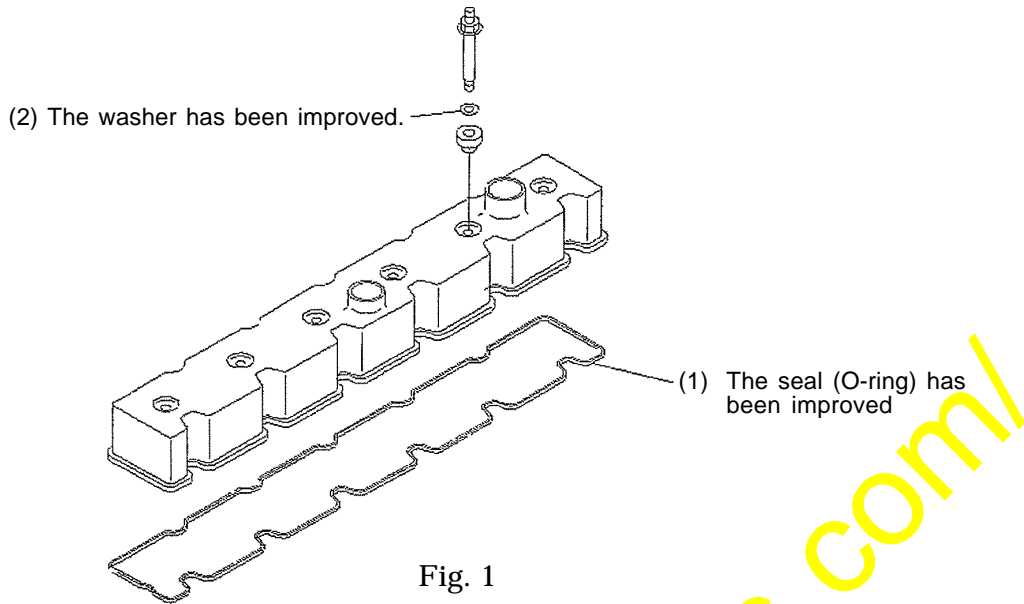


Fig. 1

(1) Improvement of the seal (O-ring)

In order to increase the bearing factor at the front and rear ends, the thickness of the O-rings used at the ends has been increased.

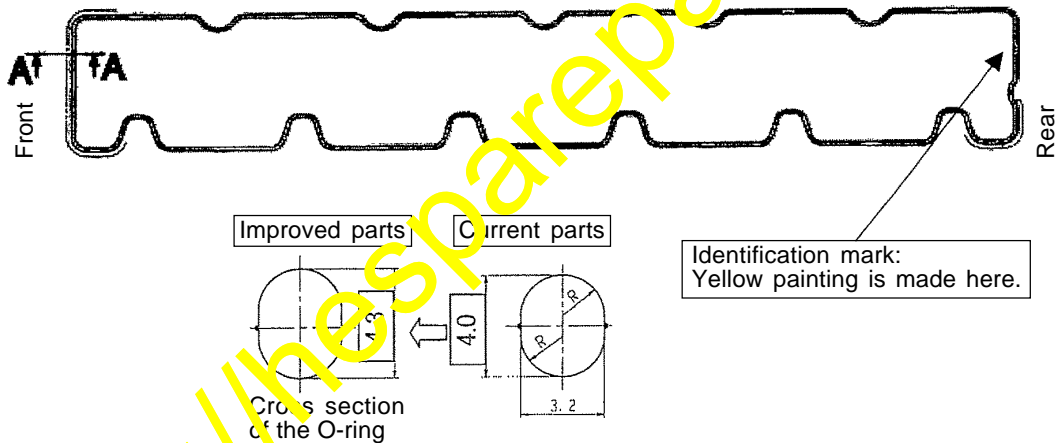


Fig. 2

(2) Improvement of the washer

In order to increase the overall bearing factor, the thickness of the cover mounting washers has been increased.

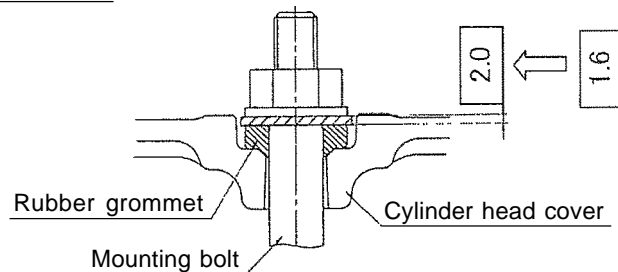


Fig. 3

4. Replacement procedure

The replacement procedure for the improved parts is the same as the replacement procedure for the current parts. (Refer to the Chapter "Disassembly and Assembly" in the Shop Manual.)