

# PARTS & SERVICE NEWS

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**SUBJECT:** MODIFICATION PROCEDURE TO REPAIR BROKEN MOUNTING BOLTS FOR THE AIR COMPRESSOR OF THE AIR CONDITIONING SYSTEM

**PURPOSE:** To inform field personnel.

**APPLICATION:** WA100-5: 70001-71083  
WA150-5: 70001-71083

**FAILURE CODE:** 874AFM

**DESCRIPTION:**

**Introduction**

When the mounting bolts for the air compressor of the air conditioning system on WA100-5 and WA150-5 become broken owing to resonance of the air compressor bracket to the engine vibration, replace the mounting bolts with the improved parts following the modification procedure introduced in this Service News.

**List of Parts**

Part No.	Part Name	Purpose of Part	Qty	Remarks
416-S62-3184 (416-S62-3183)	Bracket (Bracket)	Replacement	1 (1)	
416-S62-3177 (416-S62-3176)	Bracket (Bracket)	Replacement	1 (1)	
01010-81065 (01010-81060)	Bolt (Bolt)	Replacement	3 (3)	

## 1. Failure phenomenon and details of the countermeasure

### 1-1) Failure phenomenon

The mounting bolts for the air compressor of the air conditioning system become broken owing to resonance of the air compressor bracket to the engine vibration.

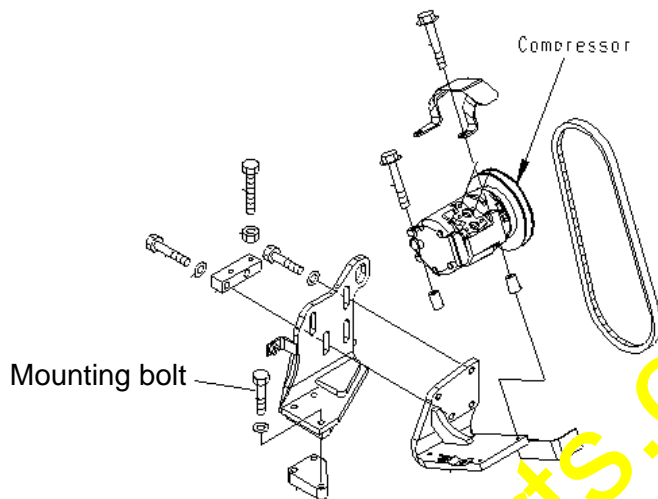


Fig. 1

### 1-2) Details of the modification

- 1) The air compressor bracket for the air conditioning system has been strengthened to prevent occurrence of resonance to the engine vibration.

## 2. Replacement of the parts

Replace the parts indicated in Fig. 2 with the improved parts.

Note: Refer to the Shop Manual for the disassembly and assembly procedure.

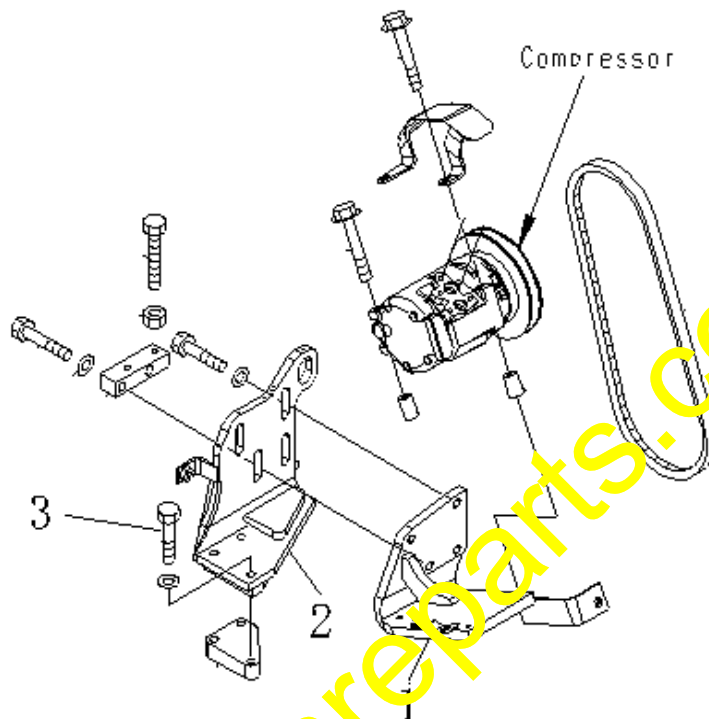


Fig. 2

Part name	Parts before the modification	Improve parts
1. BRACKET	416-S62-3183 →	416-S62-3184
2. BRACKET	416-S62-3176 →	416-S62-3177
3. BOLT	01010-81060 →	01010-81065 (3 pcs.)