

PARTS & SERVICE NEWS

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SUBJECT: MODIFICATION PROCEDURE OF ENGINE AIR INTAKE HOSE ON WA1200-3

PURPOSE: To introduce modification procedure to improve the air intake hose for the engine on WA1200-3 wheel loaders

APPLICATION: WA1200-3 Wheel loaders, Serial Nos. 50001 thru 50011

FAILURE CODE: 02A1DA

DESCRIPTION:

1. Introduction

The air intake hose for the engine (at the section connecting to the inlet port of the turbocharger) may deteriorate on the WA1200-3 wheel loaders by the radiant heat coming from the exhaust manifold.

A new air intake hose which has been changed the rubber material to improve the heat resistance has been developed and implemented the modification being introduced in this Service News to replace the air intake hose with the improved one.

2. List of parts

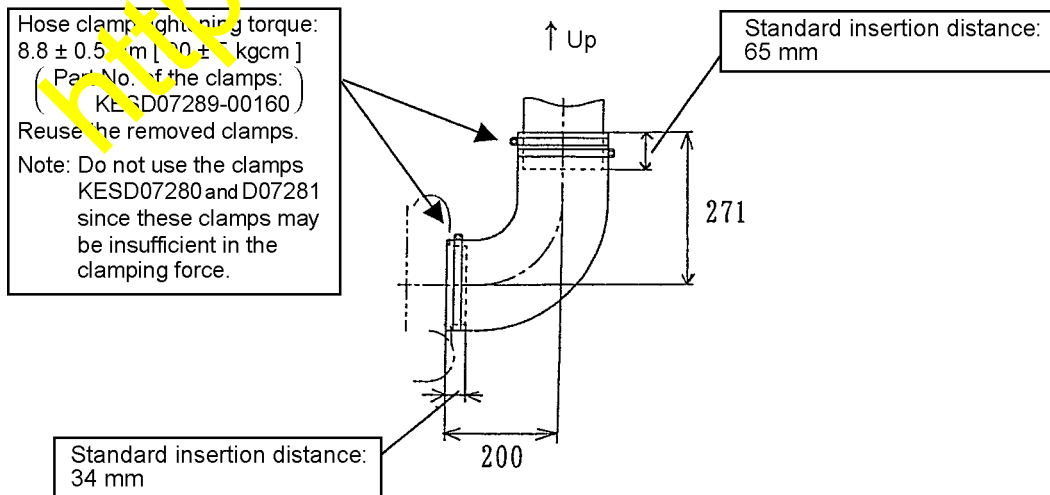
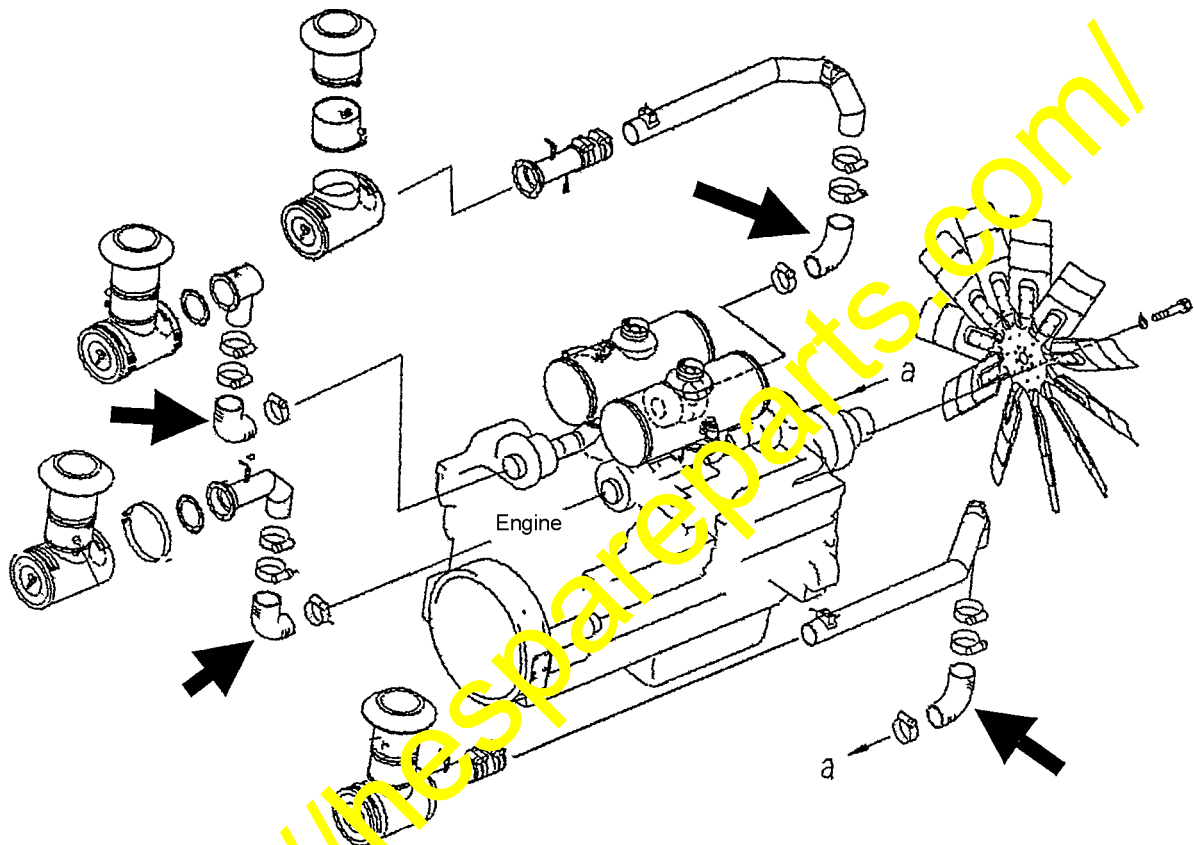
Part No.	Part Name	Purpose of part	Q'ty	Remarks
42C-01-11263 (42C-01-11262)	Hose (Hose)	Replacement	4 (4)	

3. Changing the air intake hose

Change the hoses 42C-01-11262 (the arrowed 4 hoses) shown in the drawing below to the new hoses 42C-01-11263. (Abolish the removed current hoses.)

Note 1: When installing the new hoses, do not apply oily substance like grease to the inserting sections.

If it becomes necessary to apply lubricant when installing these hoses, use rubber grease (RF-1, RG-1, etc.).



Reference: Regarding the change of the rubber material

The materials of the hose before the modification was CR (chloroprene rubber) for the outer layer and NBR (nitrile rubber) for the inner layer.

The materials of the hose after the modification is EPDM (ethylene propylene rubber).

The expected life of the EPDM is about 13 times longer than that of the CR and NBR under the environment of an ambient temperature 105°C.

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