

# PARTS & SERVICE NEWS

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**SUBJECT:** INTRODUCTION OF DUST-PROOF COVER OF TRANSMISSION SUCTION STRAINER ON WA1200-3

**PURPOSE:** To introduce a newly developed dust cover for the suction strainer section of the transmission assembly on WA1200-3 wheel loaders

**APPLICATION:** WA1200-3 Wheel loaders, Serial Nos.50001 thru 50013  
(Transmission Nos. 1001 thru 1020)

**FAILURE CODE:** 15D1BM

## DESCRIPTION:

### 1. Introduction

This Service News will introduce the newly developed dust cover to prevent entry of mud and sand accumulating upon the strainer cover into the inside structure of the strainer when the strainer cover is removed at the time of washing the strainer for the transmission assembly on the WA1200-3 wheel loaders and, at the same time, to facilitate the replacement work.

Also, for installation of the newly developed dust cover, the length of the bolts has been changed.

Therefore, pay sufficient attention when installing the newly developed dust cover.

(Details are being described in the Item ① "Precautions when making the installation work" in the Section 3 "Installation procedure".)

### 2. List of parts

Part No.	Part Name	Q'ty	Remarks
42C-15-13170	Cover	1	Parts necessary when installing the dust cover.
01010-81250	Bolt	8	
01010-81245	(Bolt)	(8)	

2. Shape and dimensions of the dust cover (Part No.: 42C-15-13170)

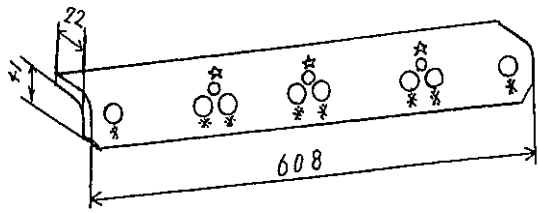
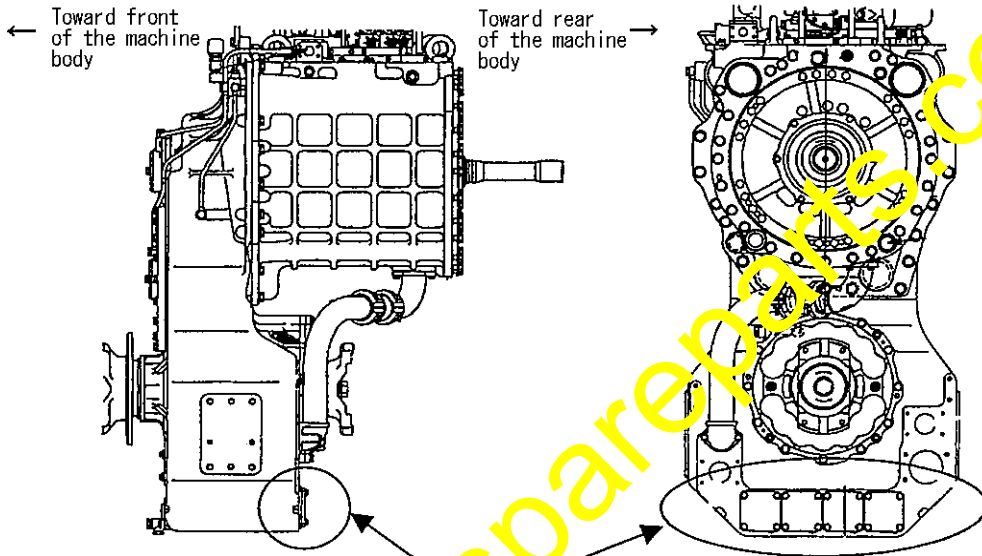


Plate thickness: 4.5 mm  
 Bolt holes: (At 8 places marked ※)  
 Through holes: (At 3 places marked ☆)  
 (To drain water)  
 Weight: 1.3 kg

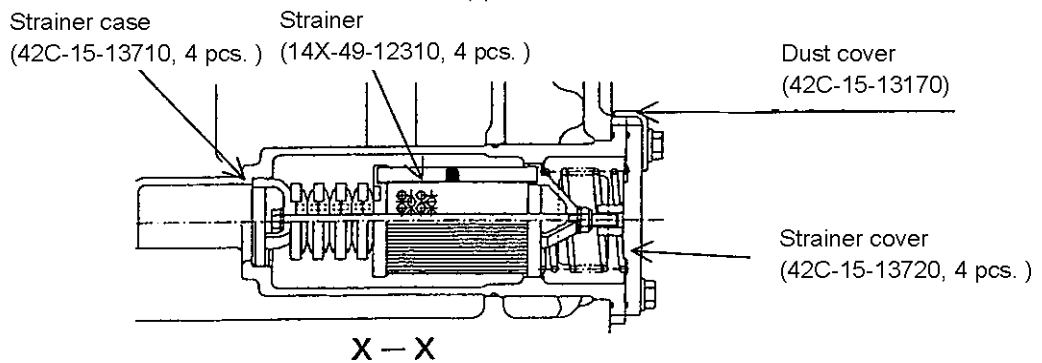
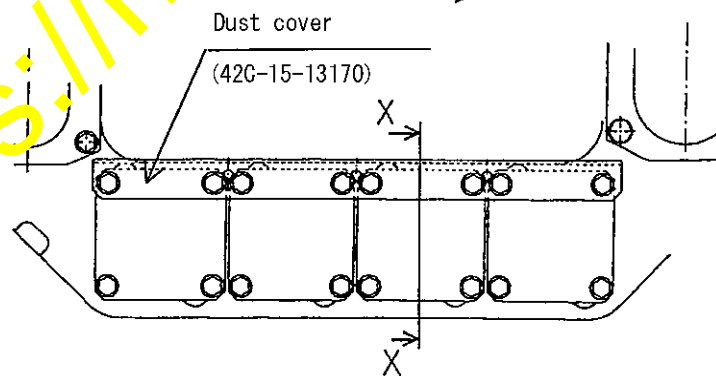
3. Position to install the dust cover

External view of the transmission ass'y on the WA1200-3



Position to install the dust cover

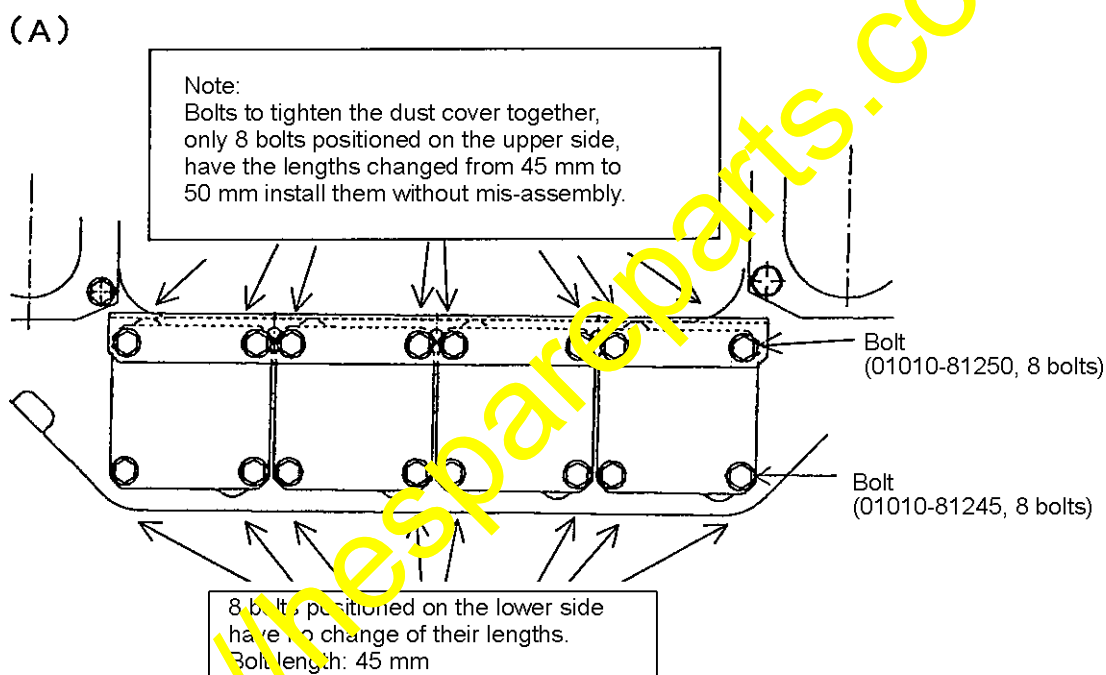
Enlarged view



## 4. Installation procedure

## ① Precautions when making the installation work

- (1) When installing the dust cover, if mud and sand have already accumulated, clean to remove the mud and sand completely.
- (2) Remove the 8 bolts ( $\ell = 45$  mm) being positioned on the upper side and fasten the dust cover together with the strainer covers using the new bolts ( $\ell = 50$  mm) which are 5 mm longer than the current bolts. (Refer to the Drawing (A) below.)
- (3) In order to eliminate the opening as much as possible, make fine adjustment of the positioning of the dust cover so that the dust cover may come in sufficient contact with the convex portion of the strainer case (at 4 places).



## (B)

Contact bolts with 4 convex portions of the strainer case.

