

# PARTS & SERVICE NEWS

REF NO.	BT00007
DATE	Apr.11, 2000

(C)

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**SUBJECT:** INTRODUCTION OF BODY MOUNTING SHIM ON HD325/405-6, HD465/605-5

**PURPOSE:** To introduce optional shims for use on body mounts on HD325/405-6 and HD465/605-5 dump trucks, developed to cope with the hazard of the shims being rusted due to salt.

**APPLICATION:** HD325-6 Dump trucks, Serial Nos. 5001 and up  
 HD405-6 Dump trucks, Serial Nos. 1001 and up  
 HD465-5 Dump trucks, Serial Nos. 4001 and up  
 HD605-5 Dump trucks, Serial Nos. 1001 and up

**FAILURE CODE:** 792454

## DESCRIPTION:

### 1. Introduction

With the vehicles operating in work-sites near the seashore, the shims used at body mounts may corrode due to salty wind, so much in some cases as to deform the mounting rubber.

To prevent the corrosion due to salty wind, body mounting shims to which cation coating is additionally applied have been made available for use on HD325/HD405-6 and HD465/HD605-5 dump trucks and they are introduced in this Service News.

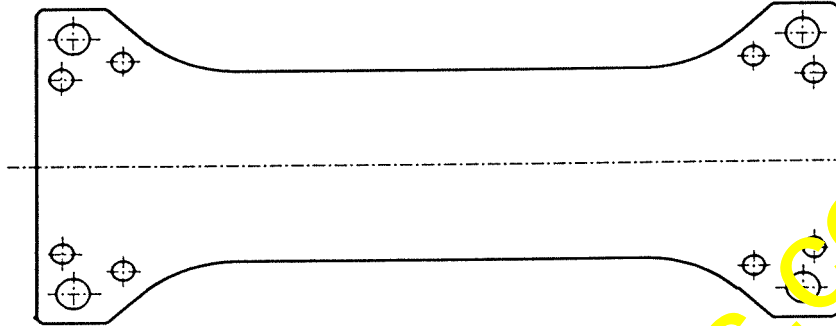
### 2. List of part

Part No.	Part name	Q'ty	Remarks
566-74-6A530 (569-74-61531)	Shim, 1.0 mm (Shim, 1.0 mm)	Refer to remarks	Std. Q'ty : 12 for HD325/HD405 18 for HD465/HD605
566-74-6A540 (569-74-61541)	Shim, 3.2 mm (Shim, 3.2 mm)	6 (6)	Std. Q'ty : 6

### 3. Contents of the improvement

Surface treatment for the shims is to be changed from the coating of rust preventive oil (KP-9) to cation coating (PG-2).

The shape and dimension are the same between old and new parts.



t=1.0 (Part No. : 566-74-6A350 ← 569-74-61531)  
t=3.2 (Part No. : 566-74-6A540 ← 569-74-61541)

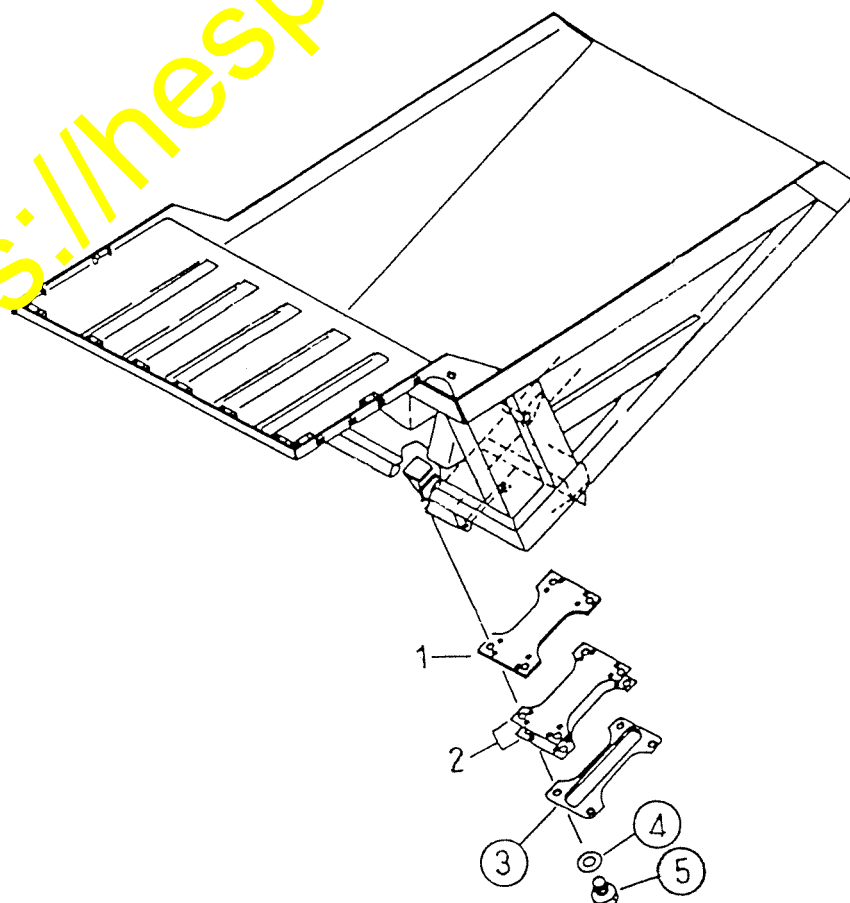
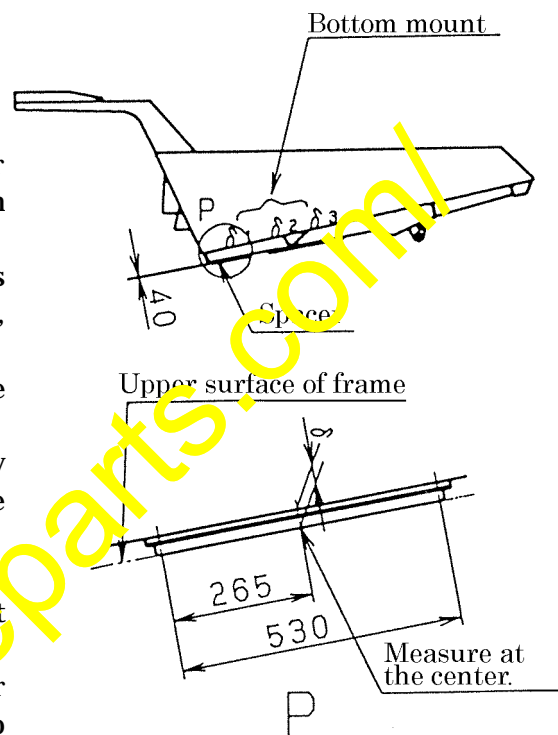
#### 4. Installaion procedure

##### 4-1 HD325-6 and HD405-6

The current shims are to be replaced with shim "1" (566-74-6A530) and shim "2" (566-74-6A540) according to the shim adjustment procedure mentioned below. The parts marked  $\odot$  are the parts to be reused.

Procedures for adjusting shims at body mounts.  
Adjust in the following order.

- Insert a 40 mm high spacer at front of body.
- Measure the dimension  $d$  between the center of body mount and the frame. (6 places in total of L.H and R.H)
- Thickness of shims to be inserted at points  $\delta_1$ ,  $\delta_2$  and  $\delta_3$  are to be deemed as  $(\delta_1-38)$  mm,  $(\delta_2-38)$  mm and  $(\delta_3-38)$  mm respectively.
- Install the bottom mounts and remove the spacer.
- Lower the body and check that all the body mounts at 6 places are in contact with the frame.
- The number of shims to be replaced is to be determined by the number of shims that have been used.  
But if there is deformation with frame or body, number of shims should be adjusted to each machine.



4-2 HD465-5 and HD605-5

The current shims are to be replaced with shim "1" (566-74-6A530) and shim "2" (566-74-6A540) according to the shim adjustment procedure mentioned below. The parts marked ○ are the parts to be reused.

Procedures for adjusting shims at body mounts.  
Adjust in the following order.

- a. Insert a 29 mm high spacer at front of body.
- b. Measure the dimension  $\delta$  between the center of body mount and the frame. (6 places in total of L.H and R.H)
- c. Thickness of shims to be inserted at points  $\delta_1$ ,  $\delta_2$  and  $\delta_3$  are to be deemed as  $(\delta_1-26)$  mm,  $(\delta_2-26)$  mm and  $(\delta_3-26)$  mm respectively.
- d. Install the bottom mounts and remove the spacer.
- e. Lower the body and check that all the body mounts at 6 places are in contact with the frame.
- f. The number of shims to be replaced is to be determined by the number of shims that have been used. But if there is deformation with frame or body, number of shims should be adjusted to each machine.

