

# PARTS & SERVICE NEWS

REF NO.	AT02032
DATE	Mar. 15, 2002

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Page 1 of 2

**SUBJECT:** IMPROVEMENT OF INTERFERENCE OF HYDRAULIC PUMP AND TRANSMISSION TRUNNION ON HD325-6

**PURPOSE:** To introduce modification procedure to prevent occurrence of interference between the hydraulic pump for the work equipment and the transmission mount trunnion on HD325-6 and HD405-6 dump trucks

**APPLICATION:** HD325-6 Dump Trucks, Serial Nos. 5001 thru 6093  
HD405-6 Dump Trucks, Serial Nos. 1001 thru 2044

**FAILURE CODE:** J150MV

## DESCRIPTION:

### 1. Introduction

While the hydraulic pump for the work equipment of the HD325-6 and HD405-6 dump trucks is installed to the chassis of these vehicles after repair or for replacement, interference may occur with the transmission mount trunnion.

To prevent occurrence of the interference, make the modification being introduced in this Service News. (Reworking of the pump only)

The possibility of occurrence of the above failure owes to the incorrect assumption that the pump mounting bracket was interchangeable when the shape of the bracket was changed to improve the aluminum casting process (to improve the flow of the molten metal) for the pump mounting bracket without conducting sufficient installation tests to the chassis.

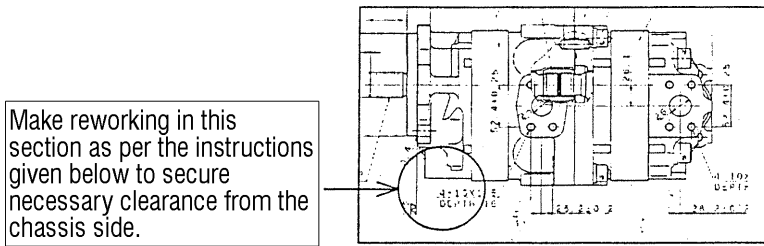
Since there is no problem in the strength of the pump mounting bracket, make reworking of the bracket at the interfering section.

### 2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
705-52-30052 (705-52-30051)	Pump ass'y (Pump ass'y)	} Reworked	1 (1)	HD326-6/HD405-6
705-12-36212 (705-12-36211)	Pump sub-ass'y (Pump sub-ass'y)		1 (1)	Component part of 705-52-30052
705-17-03022 (705-17-03021)	Bracket ass'y (Bracket ass'y)		1 (1)	Component part of 705-52-30052

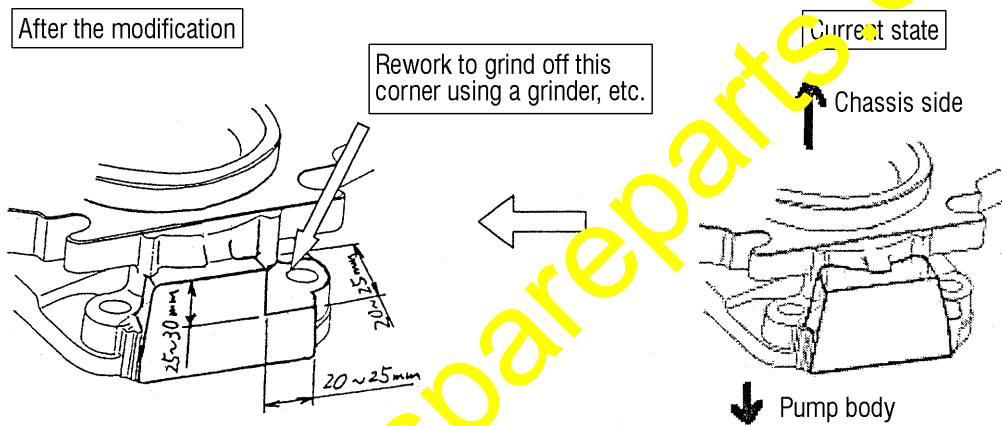
3. Contents of the modification

The shape of the pump mounting bracket is to be changed.



4. Modification procedure

- (1) If interference occurs when replacing the pump or when reinstalling the pump after removal, make the reworking as per the instructions given in the drawing below
- (2) When removing and reinstalling the pump for this modification, be sure to follow the instructions being given in the Shop Manual and pay attention to the working safety.



5. Part numbers of the new and current pump assemblies and component parts (for reference)

(1) Part numbers of the pump assemblies

Vehicle model	Part numbers of the pump assemblies	
	Current pump ass'y	New pump ass'y
HD325-6 HD405-6	705-52-30051	→ 705-52-30052

(2) Part numbers of the pump sub-assemblies

Vehicle model	Part numbers of the pump sub-assemblies	
	Current pump ass'y	New pump ass'y
HD325-6 HD405-6	705-12-36211	→ 705-12-36212

(3) Part numbers of the bracket assemblies

Vehicle model	Part numbers of the bracket assemblies	
	Current pump ass'y	New pump ass'y
HD325-6 HD405-6	705-17-03021	→ 705-17-03022