

PARTS & SERVICE NEWS

REF NO.	AT02126
DATE	Oct. 31, 2002

Page 1 of 2

SUBJECT: MODIFICATION PROCEDURE OF MOUNTING METHOD OF RUBBER SPRING ON HM300-1

PURPOSE: To introduce modification procedure to prevent loosening of the mounting bolts for the rear suspension rubber spring on HM300-1 articulated dump trucks

APPLICATION: HM300-1 Articulated Dump Trucks , Serial Nos. 1002, 1003, 1005, 1007, 1008, and 1010 thru 1013

FAILURE CODE: 5011MS

DESCRIPTION:

1. Introduction

Since there is a possibility of loosening of the mounting bolts for the rear suspension rubber spring on the HM300-1 articulated dump trucks, implement the modification being introduced in this Service News to prevent occurrence of the aforementioned loosening of the mounting bolts.

2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
(56D-50-12182)	(Plate)	Canceled	(4)	
01010-81655 (01010-81655)	Bolt (Bolt)	} Replacement	8 (8)	
01643-31645 (01643-31645)	Washer (Washer)		16 (8)	
01580-11616	Nut		Additional	8

3. Contents of the modification

- The change of the connection method between the center shaft rubber spring and the equalizer bar.

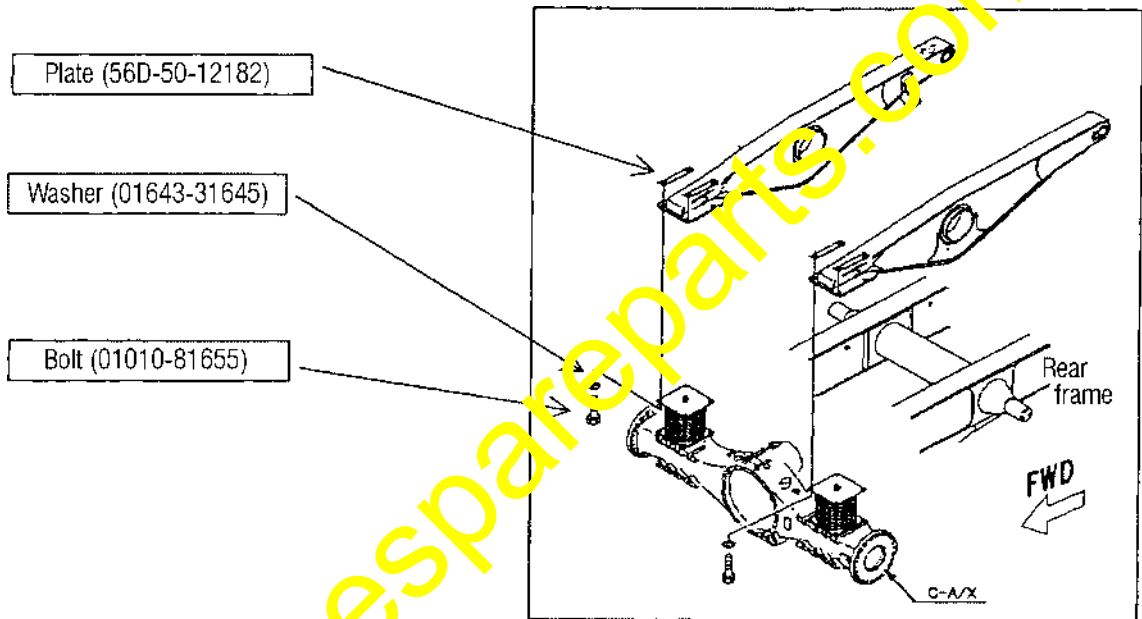
The above connection method is to be changed from the current method which uses the lock plate (56D-50-12182) to the new method which uses the nut (01580-11613) + washer (01643-31645) to improve the structure to prevent loosening of the mounting bolts.

4. Preparations before starting the modification work

- 1) Park the vehicle on a flat plate and apply chocks to the tires.
- 2) Raise the dump body and insert the safety pins (on both of the LH and RH sides).

5. Modification procedure

- 1) Remove the bolts (01010-81655), washers (01643-31645) and plates (56D-50-12182).



- 2) Connect the rubber spring and the equalizer bar using the bolts, washers and nuts. In the meantime, clean the connecting surfaces of the rubber spring and the equalizer bar to remove oil, paint, dust, etc.

Tightening torque: 235 – 285 Nm (Apply LT-2)
(24.0 – 29.0 kgm)

Using parts:

Bolt (01010-81655)	8 pcs.
Washer (01643-31645)	16 pcs.
Nut (01580-11613)	8 pcs.

