

PARTS & SERVICE NEWS

REF NO.	AT02125A
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This PARTS & SERVICE NEWS supersedes the previous issue No. AT02125 dated Oct. 31, 2002 which should be discarded.

SUBJECT: MODIFICATION PROCEDURE OF MOUNTING METHOD OF RUBBER SPRING ON HM400-1, 350-1

PURPOSE: To introduce modification procedure to prevent loosening of the mounting bolts for the rear suspension rubber spring on HM400-1 and HM350-1 articulated dump trucks

APPLICATION: HM400-1 Articulated Dump Trucks, } See next page.
HM350-1 Articulated Dump Trucks, }

FAILURE CODE: 5011MS

DESCRIPTION:

1-1. Introduction

Since there is a possibility of loosening of the mounting bolts for the rear suspension rubber spring on the HM400-1 and HM350-1 articulated dump trucks, implement the modification being introduced in this Service News to prevent occurrence of the aforementioned loosening of the mounting bolts.

1-2. Revised places:

4 places Δ	Apr. 11, 2003	Part No. of the washer was changed.
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2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
(56B-50-12180)	(Plate)	Canceled	(4)	
01010-81655	Bolt	} Replacement	8	
(01010-81650)	(Bolt)		(8)	
011154-16150	Washer		16	
Δ 01643-31645	(Washer)		(8)	
01580-11613	Nut	Additional	8	

Serial Nos. of the applicable vehicles

Already shipped vehicles


Vehicle models	Serial Nos. of the applicable vehicles
HM400-1 Total: 53 vehicles	#1001 – #1031, #1033 – #1044, #1046 – #1049, #1053 – #1061
HM350-1 Total: 35 vehicles	#1001 – #1010 #1012 – #1037

<https://hespareparts.com/>

3. Contents of the modification

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

The connection method is to be changed from the current method which uses the lock plate (56B-50-12180) to the new method which uses the nut (01580-11613) + washer (~~01643-31645~~) to improve the structure to prevent loosening of the mounting bolts.

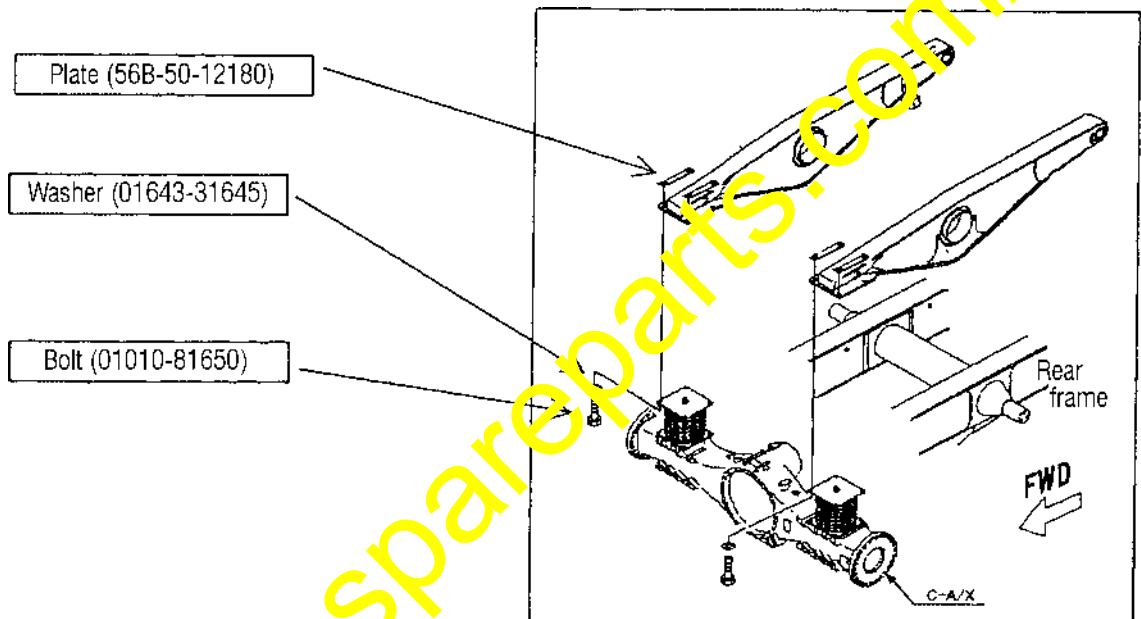
 21T-54-16150

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 (01010-81650), washers (01643-31645) and plates (56B-50-12180).



- 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.

 21T-54-16150

Washer (~~01643-31645~~) 16 pcs.

Nut (01580-11613) 8 pcs.

Nut (01580-11613)

 21T-54-16150

Washer (~~01643-31645~~)

Bolt (01010-81655)

