

PARTS & SERVICE NEWS

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SUBJECT: INTRODUCTION OF WEAR-RESISTANT DUST SEAL IN T/M OUTPUT PORTION ON WA1200-3

PURPOSE: To introduce the wear-resistant dust seal in the T/M output portion on the WA1200-3

APPLICATION: WA1200-3 Wheel Loaders, Serial Nos. 50001 thru 50007
(T/M Serial Nos. 1001 thru 1010, 1011)

FAILURE CODE: 1634AA

DESCRIPTION:

1. Introduction

This Service News will introduce the wear-resistance improved dust seals which have been newly prepared for use in the transmission output section of the WA1200-3. Use these improved seals on the applicable vehicles when overhauling them or when carrying out repairs of their T/M units.

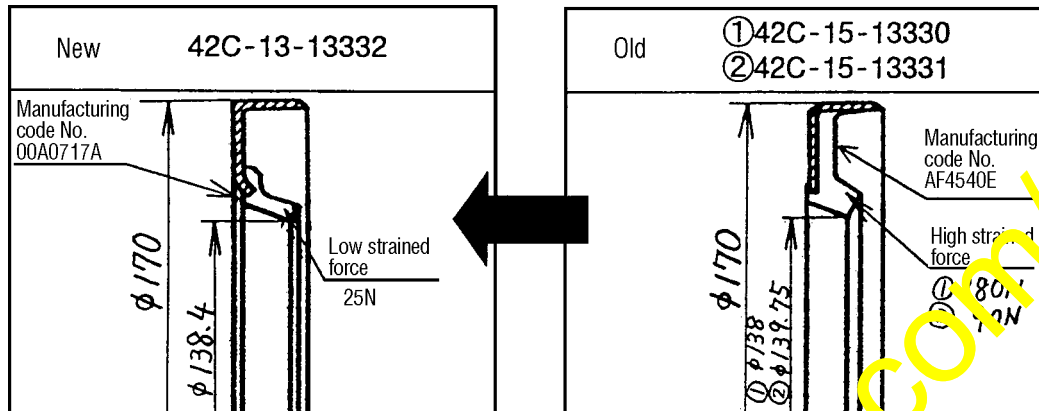
※ The new dust seal carries the reduced strained force and has been improved in wear-resistance of its seal lip portion. However, since the oil seal (with the main lip and dust lip) is provided, even if the current dust seal is kept used, oil leakage will not occur.

2. List of parts

Part No.	Part Name	Q'ty	Remarks
42C-15-13332 (42C-15-13330)	Seal, dust (Seal, dust)	2 (2)	
42C-15-13332 (42C-15-13331)	Seal, dust (Seal, dust)	2 (2)	

3. Contents of improvement

By the shape modification of the dust seal, the strained force of the lip portion (the force that presses the lip against the mating shaft) has been reduced and the wear resistance of the lip under operation has been improved. (See Fig. 1.)



<Fig. 1>

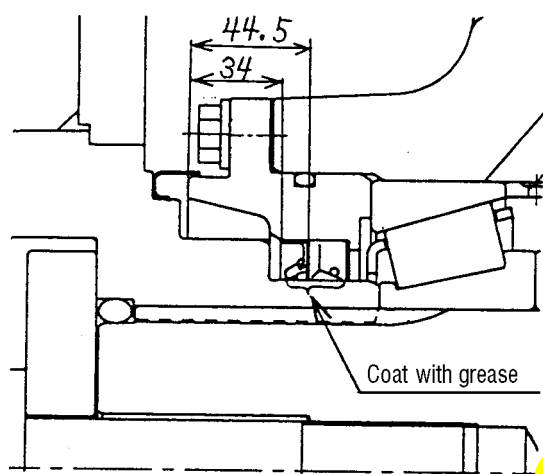
<https://hespareparts.com/>

4. Modification procedure

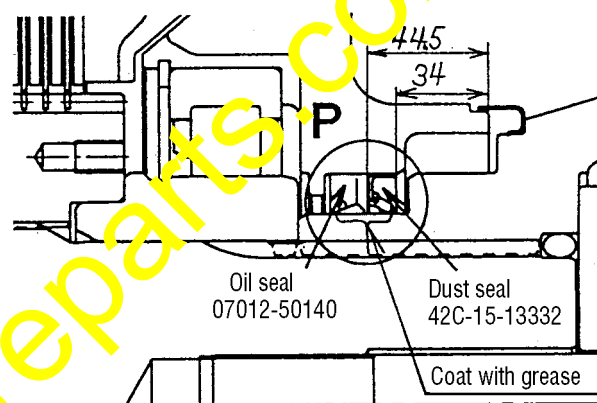
- (1) When mounting the oil seal (07012-50140) and the dust seal to the transfer case portion and the parking brake portion, build them into such positions as to satisfy the mounting dimensions shown in the following drawings (Figs. 2 and 3). Besides, suppress the inclination of the oil seal and of the dust seal so that difference between maximum and minimum values of their mounting dimensions are respectively maintained to 0.4 mm or less.

IMPORTANT

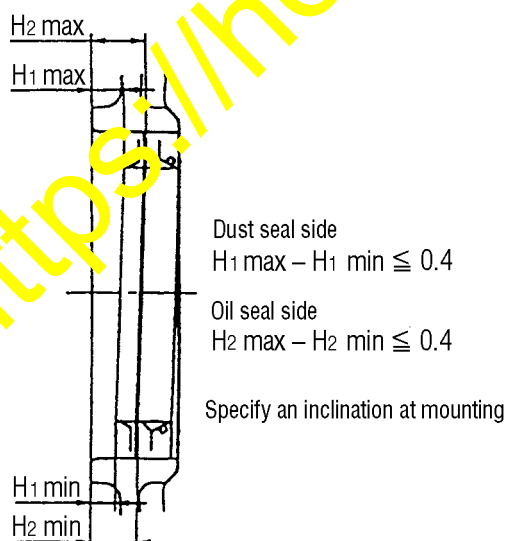
- (2) After assembly, coat the oil seal and the dust seal with grease (lithium grease "G2-LI") on both the transfer case and parking brake sides. (See Fig. 5.)



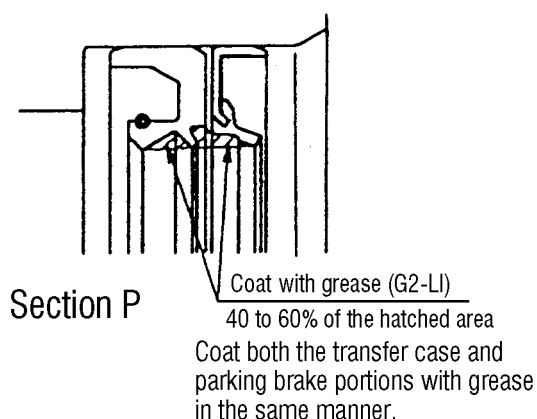
<Fig. 2> Transfer case portion
(front of chassis)



<Fig. 3> Parking brake portion
(rear of chassis)



<Fig. 4>



<Fig. 5>