

**PARTS & SERVICE  
NEWS**

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Page 1 of 3

This PARTS & SERVICE NEWS supersedes the previous issue No. A930108 dated Jul. 1, 1993. Thus the previous issue should be discarded.

**SUBJECT:** PREVENTION OF OIL LEAKAGE THROUGH THE AXLE FLOATING SEALS

**PURPOSE:** To introduce the how to improve and set up the axle floating seals

**APPLICATION:** WA400-1 Wheel Loaders, S/N up to 50001  
WA420-1 Wheel Loaders, S/N up to 50001  
WA420-1LC Wheel Loaders, S/N A25001 thru A25039  
WA450-1 Wheel Loaders, S/N up to 50001  
WA450-2 Wheel Loaders, S/N A25001 thru A25234  
WA470-1 Wheel Loaders, S/N up to 50001

**DESCRIPTION:**

## 1. Introduction

If the oil leakage is encountered repeatedly from the axle floating seals, such leakage should be prevented by means of the improvement to be described herein.

## 2. Parts required for the improvement

Part No.	Part Name	Qty	Purpose of part	Remarks
*421-33-21811	Seal	4	Replacement	applicable to both Models WA400 & WA450
421-22-22740 (421-22-12743)	Hub (Hub)	4 (4)		
421-33-21230 (421-33-11231)	Gear (Gear)	4 (4)		

3. Outline of the improvement

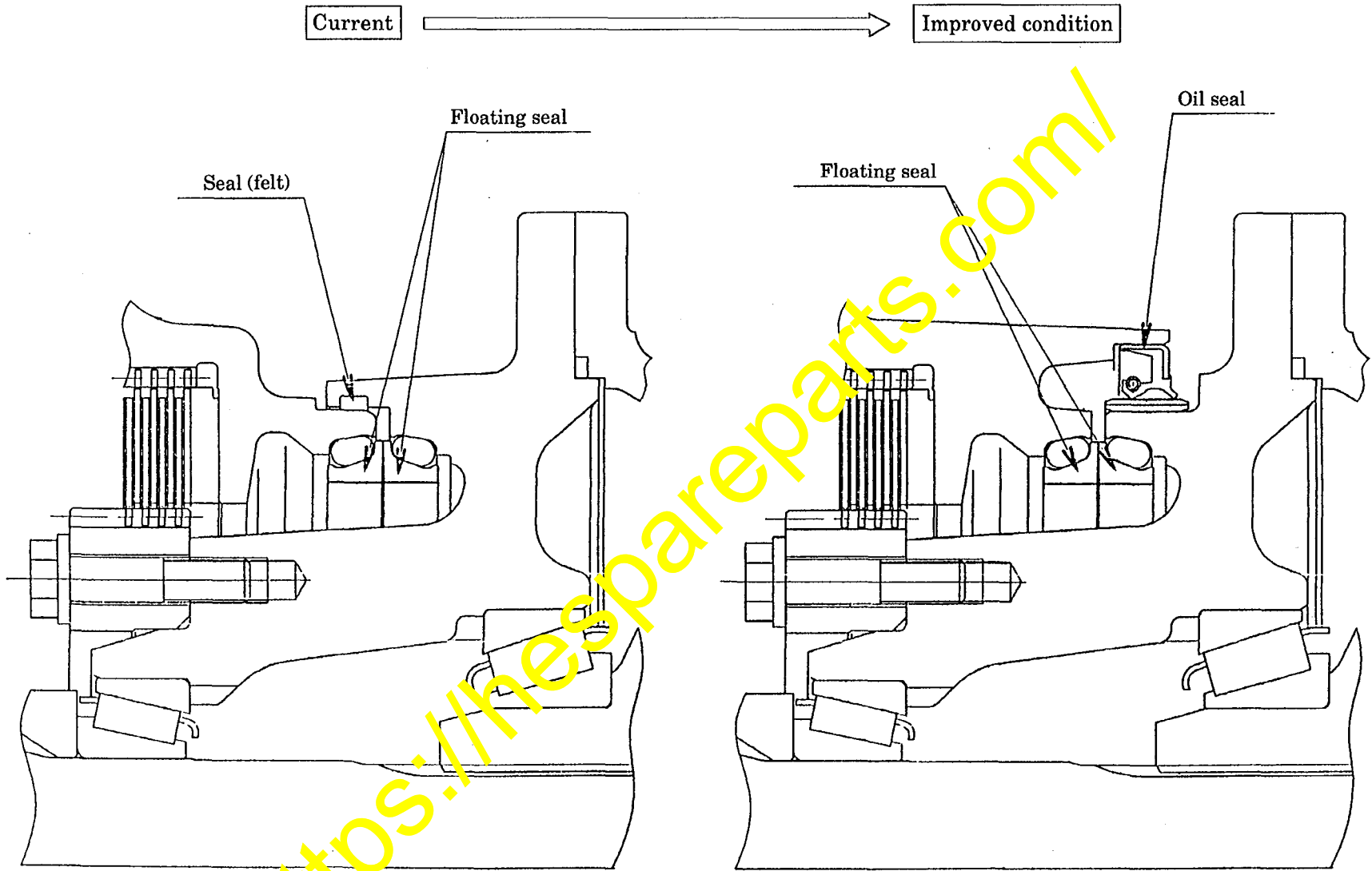


Fig. 1

## 4. Oil seal setting-up procedure

- 1) Press the sleeve into place as shown in the hub.
- 2) Coat the external surface of oil seal with sealant (LG-5) and press the oil seal into the gear as shown.

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- The depth of forcing the oil seal in the gear.
- Install the oil seal so that the air bleeding hole in the seal is located upward on a machine.

Note: The gear bore (I.D.) should be degreased thoroughly before inserting the seal into the gear bore.

- 3) Coat the area between the seal internal lips with grease (G2-LI).
- 4) Insert the hub into the gear.

Caution: When inserting the hub, be careful not to cause the oil seal lips to be torn off.

- 5) For the other setting-up procedures, refer to the applicable SHOP MANUAL.

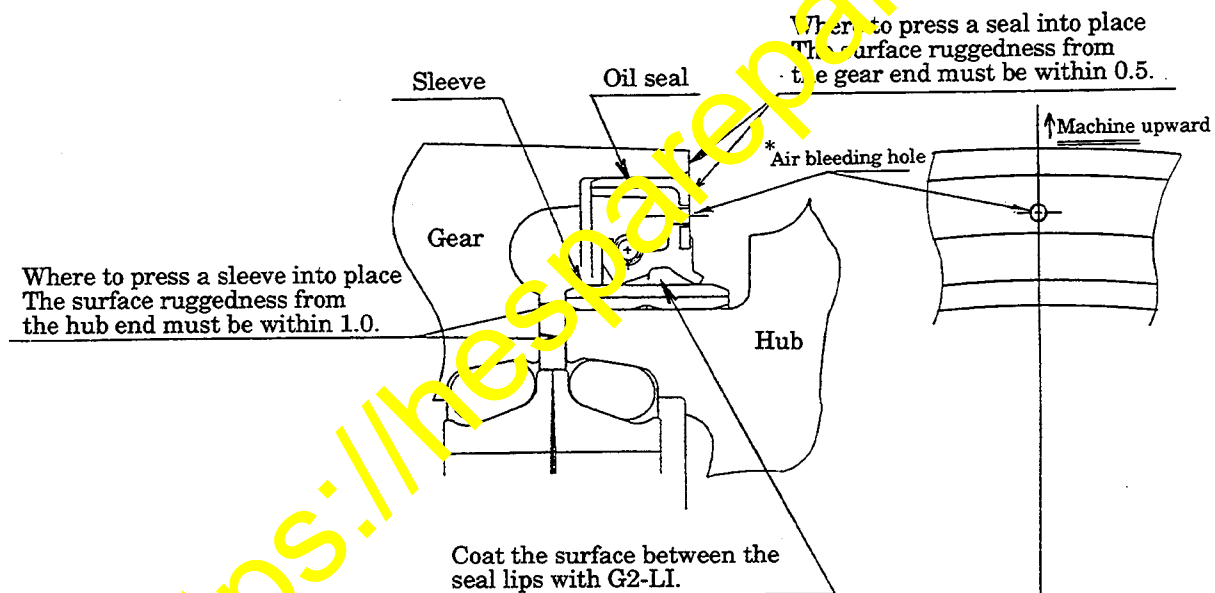


Fig. 2

<https://hespareparts.com/>