

# PARTS & SERVICE NEWS

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(C)

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**SUBJECT:** IMPROVED FLOATING SEAL FOR HM400-1, HM350-1

**PURPOSE:** To introduce improved floating seal for use on HM400-1 and HM350-1 articulated dump trucks

**APPLICATION:** HM400-1 Articulated Dump Trucks, Serial Nos. 1001 thru 1169  
HM350-1 Articulated Dump Trucks, Serial Nos. 1001 thru 1080

**FAILURE CODE:** 2C4FZ9

## DESCRIPTION:

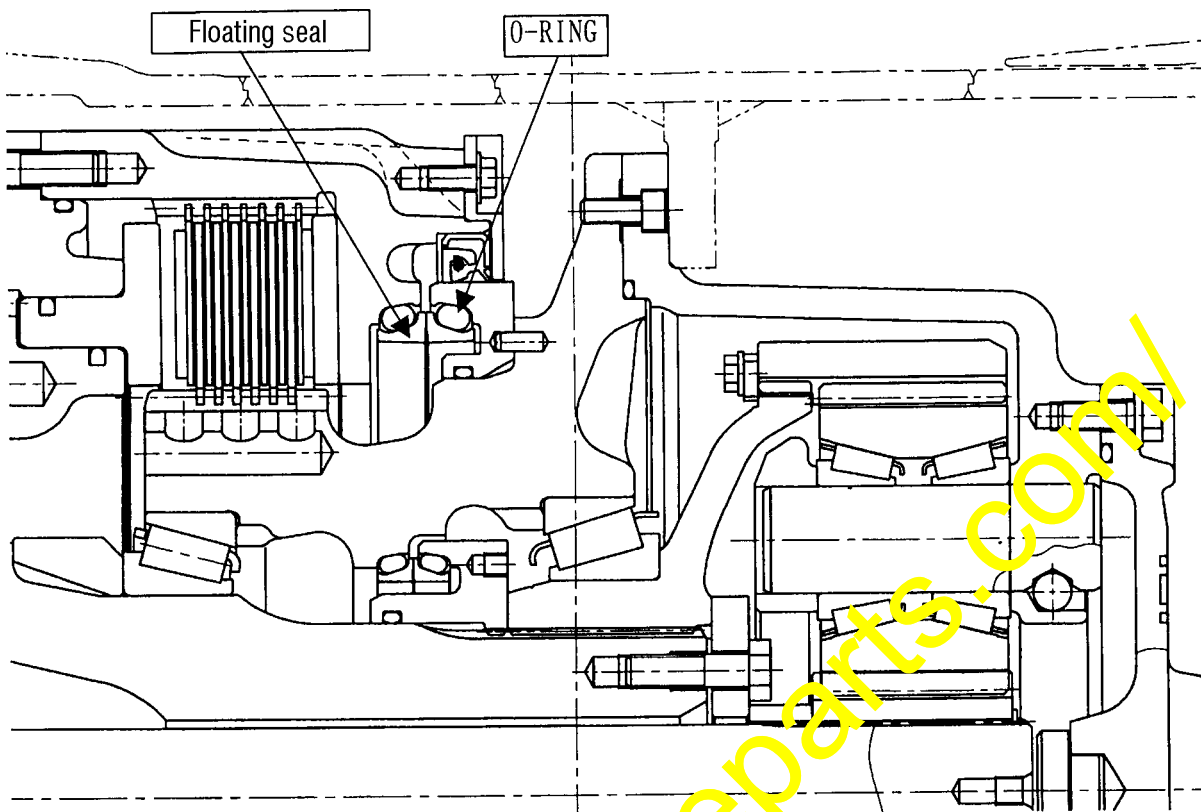
### 1. Introduction

This Service News will introduce improved floating seal (thermal spraying treated seal) with increased seizure resistance for use on the HM400-1 and HM350-1 articulated dump trucks.

### 2. List of parts

Part No.	Part name	Q'ty	Remarks
567-33-00013 (287-33-00010)	Floating seal assembly (Floating seal assembly)	6 (6)	For HM400-1
•567-33-00023 (•287-33-0090)	Seal ring assembly (Seal ring assembly)	6 (6)	
••567-33-41421 (••287-33-11910)	Seal (Seal)	12 (12)	
•180-27-00100 (•180-27-00100)	O-ring set (O-ring set)	6 (6)	
••180-27-11620 (••180-27-11620)	O-ring (O-ring)	12 (12)	
567-33-00013 (287-33-00010)	Floating seal assembly (Floating seal assembly)	4 (4)	For HM350-1
•567-33-00023 (•287-33-0090)	Seal ring assembly (Seal ring assembly)	4 (4)	
••567-33-41421 (••287-33-11910)	Seal (Seal)	8 (8)	
•180-27-00100 (•180-27-00100)	O-ring set (O-ring set)	4 (4)	
••180-27-11620 (••180-27-11620)	O-ring (O-ring)	8 (8)	

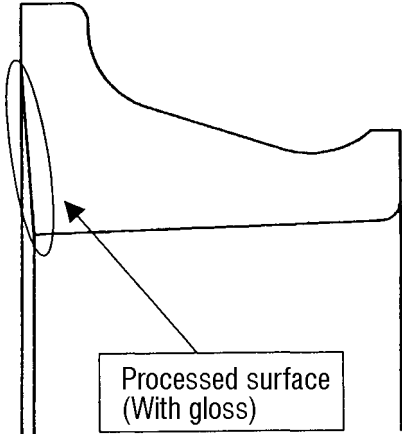
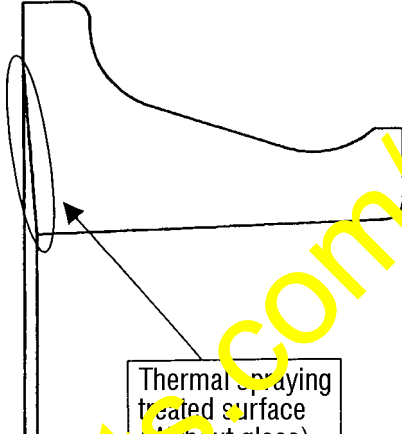
3. Details of the modification



The floating seal for the brake section is to be replaced with the thermal spraying treated seal which has higher seizure resistance and is more resistant against oil leakage.

When replacing the floating seal for the brake section on machines in the field, replace the O-ring (180-27-11620) at the same time.

## Identification method for the improved parts

Current floating seal	Improved floating seal
<p data-bbox="316 338 635 371">Part No.: 287-33-11910</p>  <p data-bbox="464 779 708 848">Processed surface (With gloss)</p>	<p data-bbox="861 338 1181 371">Part No.: 567-33-41421</p>  <p data-bbox="1034 779 1251 880">Thermal spraying treated surface (without gloss)</p>

<https://hespareparts.com/>