

**PARTS & SERVICE
NEWS**

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SUBJECT: IMPROVED WEAR DURABILITY OF STATOR BUSH ON HD785, HD680

PURPOSE: To introduce an improved torque converter stator bushing with enhanced wear resistance for use with dump trucks of models HD785-1/2/3, HD680-2, HD985-3, etc.

APPLICATION: Refer to page 2

FAILURE CODE: 132440

DESCRIPTION:

1. Introduction

When dump trucks of models HD785-1/2/3, HD680-2, HD985-3, etc. are used with frequent backing motions at higher backing speed, the torque converter stator bushing may wear quicker. This Service News will introduce an improved stator bushing with enhanced wear resistance.

<<Applicable vehicle models and serial numbers by each bushing and nut>>

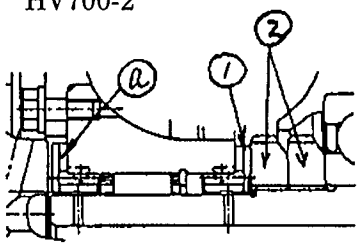
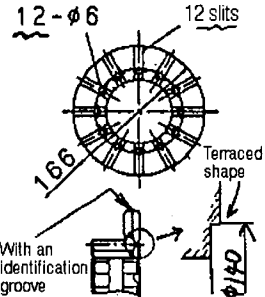
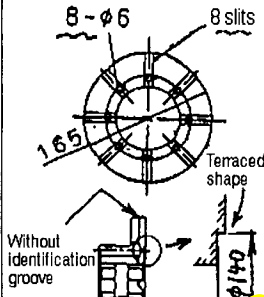
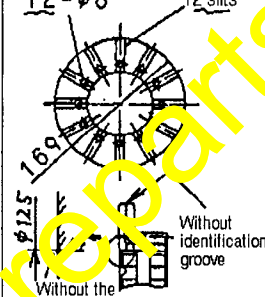
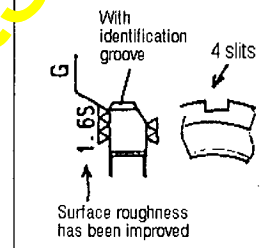
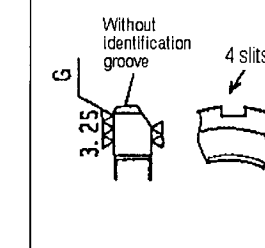
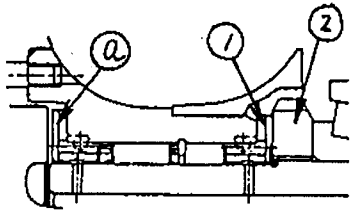
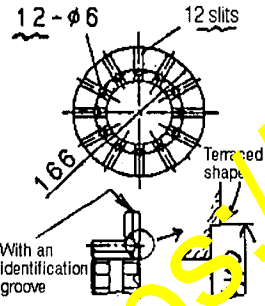
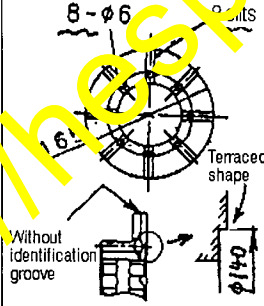
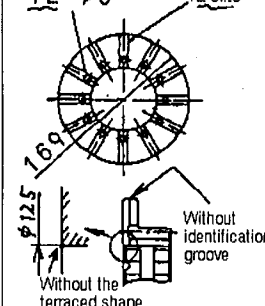
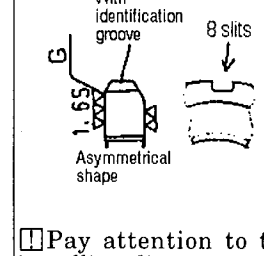
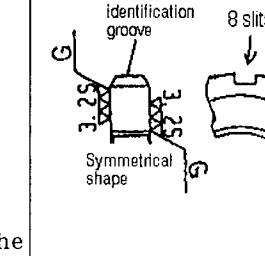
No.	Part numbers of the bushings	Part numbers of the nuts	Applicable vehicle models	Applicable serial numbers	
				Already shipped vehicles	Vehicles being shipped newly from the factory
1	568-13-12140 (Current part) ↓	711-28-42680 (Current part) ↓	HD785-3	#2001 – #2274 (T/CNo. – 1416)	# 2275 – (T/CNo. 1417 –)
			HD985-3	#1001 – #1019 (T/CNo. – 1416)	# 1020 – (T/CNo. 1417 –)
	568-13-12141 (New part)	711-28-42681 (New part)	HD1400B-3	#1001 – #1011 (T/CNo. – 1416)	# 1012 – (T/CNo. 1417 –)
			HV700-2	#1001 – #1010 (T/CNo. – 1378)	# 1011 – (T/CNo. 1379 –)
2	568-13-12140 (Current part) ↓	569-13-12681 (Current part) ↓	HD785-1 Small dia.	#1002 – #1074 #9075 – #9150	(T/CNo. 1434 –)
			Large dia.	#1101 – #1322 (T/CNo. – 1433)	
	568-13-12141 (New part)	569-13-22682 (New part)	HD785-2	#1500 – #1793 #2501 – #9591 (T/CNo. – 2953)	(T/CNo. 2954 –)
			HD680-2	#1002 – #1141 (T/CNo. – 5006)	(T/CNo. 5007 –)
			HV700-1	#1001 – #1003	
		HV700-1	#1001 – #1009 (T/CNo. – 1432)	#1010 – (T/CNo. 1433 –)	

2. List of parts

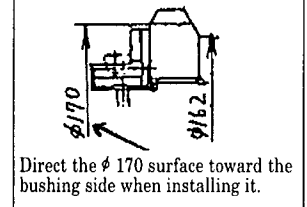
No.	Part No	Part Name	Q'ty	Remarks
1	568-13-12141 (568-13-12140)	Bushing (Bushing)	1 (1)	Bushing for the HD785-1/2/3, HD680-2 and HD985-3
2	711-28-42681 (711-28-42680)	Nut (Nut)	2 (2)	Nut for the HD785-3 and HD985-3
3	569-13-12682 (569-13-12681)	Nut (Nut)	1 (1)	Nut for the HD785-1/2 and HD680-2

3. Contents of the modification

- ① Bushing The number of slits (oil grooves) has been increased from 8 to 12 to improve the lubrication capacity of the mating surface with the nut. (The number of drilled holes also has been increased from 8 to 12.)
- ② Nut The surface roughness of the mating surface with the bushing has been changed from 3.2S to 1.6S.

Structures	① Bushing (nut side)		② Bushing (Turbine side: Reference)	② Nut	
	New structure ←	Current structure		New structure ←	Current structure
HD785-3 HD985-3 HV700-2 	[568-13-12141] 	[568-13-12140] 	[711-28-22141] 	[711-28-42681] (2 units) 	[711-28-42680] (2 units) 
HD785-1, 2 HD680-2 680Y-2 HV700-1 HV800-1 	[568-13-12141] 	[568-13-12140] 	[711-28-22141] 	[569-13-12682] (1 unit) 	[569-13-12681] (1 unit) 

☐ Pay attention to the installing direction.



3. Replacement procedures

Replace the bushing and nut referring to the Shop manual.

<https://hespareparts.com/>