

**PARTS & SERVICE
NEWS**

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SUBJECT: CHANGE OF MATERIAL FOR TOP RING FOR SA6D/12V140-1

PURPOSE: To introduce material change for the top rings for the SA12V140-1, SA6D140-1, 6M140-A-1 and 6M140-A-2 engines

APPLICATION: See Page 3

FAILURE CODE: A361Z9

DESCRIPTION:

1. Introduction

Regarding the top rings for the SA12V140-1, SA6D140-1, 6M140-A-1 and 6M140-A-2 engines, the material has been changed for the purpose of unification of the parts and the details of the above material change will be introduced in this Service News.

Be sure to replace the top rings when overhauling engines.

2. List of parts

Part No.	Part Name	Q'ty	Remarks
6212-32-2210 (6211-31-2211)	Ring, top (Ring, top)	6 (6)	For 12V: 12 pcs./engine

3. Details of the modification

	New parts	Current parts		
1) Part No.	6212-32-2210	6211-31-2211		
2) Material	Steel	Cast iron		
3) Identification mark				
	Mark	Part No.	Mark	Part No.
	1RX	6212-32-2210	1R, A	6211-31-2211

※1 The new top ring and current top ring can be identified by the identification mark stamped on the upper surface of the abutment area.

4. Interchangeability

The new and current top rings are interchangeable as follows

	New top ring	Interchangeability	Current top ring	Remarks
①	6212-32-2210 (6211-31-2050)	↔	6211-31-2211 (6211-31-2033)	To be used on the construction machinery engines
②	6212-32-2210 (6211-31-2041)	↔	6211-31-2211 (6211-31-2040)	To be used on the power generator engines

The upper line number is the Part No. of the top ring and the lower line number in () is the Part No. of the ring ass'y.

Check table of serial numbers of the main machine and vehicle models from which this material change has been implemented

Starting from the first machine implementing this material change, regarding all the machine, vehicle and engine models.

No.	Applicable machine, vehicle or engine model	Serial No. of the applicable engine		Serial No. of the applicable machine or vehicle	
		Already shipped engine	Factory shipment new engine with new rings	Already shipped machine or vehicle	Factory shipment new machine or vehicle with new ring engine
1	HD325-6	- #30344	#30345 -	- #5961	#5962 -
2	GD825A-2	- #30277	#30355 -	- #12110	#12111 -
3	CS360-2	- #29513	From the next shipment	- #11086	#11087 -
4	GC380F-2	- #30342	#30343 -	- #12074	#12075 -
5	LW500-1	- #30344	From the next shipment	- #11032	#11033 -
6	WF600T-1	- #27965	From the next shipment	- #10008	#10009 -
7	D155AX-5	- #30485	#30486 -	- #70302	#70303 -
8	D155AX-3-E	- #30280	#30450 -	- #70079	#70080 -
9	D155A-2A	- #30124	#30125 -	- #37305	#30306 -
10	D355C-3DA	- #30366	#30367 -		
11	HV3000-1	- #30504	#30305 -	- #1008	#1009 -
12	PC1600SP-1F	- #30616	#30617 -	- #10142	#10143 -
13	PC1600SP-1R	- #30160	From the next shipment	- #10142	#10143 -
14	PC1800-6F	- #30092	From the next shipment	- #10017	#10018 -
15	PC1800-6R	- #30092	From the next shipment	- #10017	#10018 -
16	PC750-6	- #30388	#30389 -	- #10360	#10361 -
17	WA500-3	- #30318	#30317 -	- #51032	#51033 -
18	WA500-DZ-3	- #30373	#30374 -		
19	WF550-3	- #29713	From the next shipment		
20	JR140-H0	- #30600	#30601 -		
21	KE190-2	- #29328	From the next shipment		
22	6M140A-1	- #22334	From the next shipment		
23	6M140A-2	- #22298	#22300 -		
24	6M140B-2	- #22279	#22280 -		
25	ASK-MARINE	- #30352	#30353 -		
26	SA6D140-W1	- #25688	From the next shipment		
27	SA6D140AGD	- #30346	#30347 -		
28	TKY-SA140A	- #30330	#30387 -		
29	TAY-SA140A	- #30207	From the next shipment		
30	TKY-SA140B	- #29985	From the next shipment		
31	SA140A-G2	- #30329	#30373 -		
32	SA6D140AGN	- #30348	#30362 -		
33	NTT-SU-B	- #30335	#30411 -		
34	NTT-R,	- #30235	From the next shipment		
35	DCA400SPK	- #30414	#30415 -		
36	J6D140E-G1	- #70126	#70128 -		
37	J6D140E-KC	- #30467	#30468 -		
38	SAA6D140G1	- #30389	#30390 -		
39	SAA6D140G3	- #30260	#30356 -		
40	12V140-G2	- #13188	#13220 -		
41	J12V140EG1	- #60091	#60092 -		
42	SAAV140-G3	- #13214	#13215 -		
43	TA12V140G1	- #70015	From the next shipment		