COMPONENT CODE J1

# PARTS & SERVICE NEWS

**REF NO.** | AA01003

**DATE** January 3, 2001

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## **SUBJECT:** INTRODUCTION OF IMPROVED T/C AND PPC PUMPS

- **PURPOSE:** To introduce improved torque converter and PPC pump assemblies with increased thermal resistance
- APPLICATION: WA800-1 Wheel Loader Serial Number 10001 through 10737 WA800-2 Wheel Loader Serial Number 10001 through 10737 WA800-2L Wheel Loader Serial Number A20001 through A20027 WA800-3 Wheel Loader Serial Number 50001 through 50025 WA900-1 Wheel Loader Serial Number 10001 through 10009 WA900-1L Wheel Loader Serial Number A20001 through A20021 WA900-1L Whel Loader Serial Number A20023 through A20024 WA900-3 Wheel Loader Serial Number 50001 through 50004

### FAILURE CODE: J11099

### **DESCRIPTION:**

1. Introduction

This PARTS AND SERVICE NEWS will introduce tup oved torque converter and PPC pump assemblies with increased heat resistance for use on the above machines.

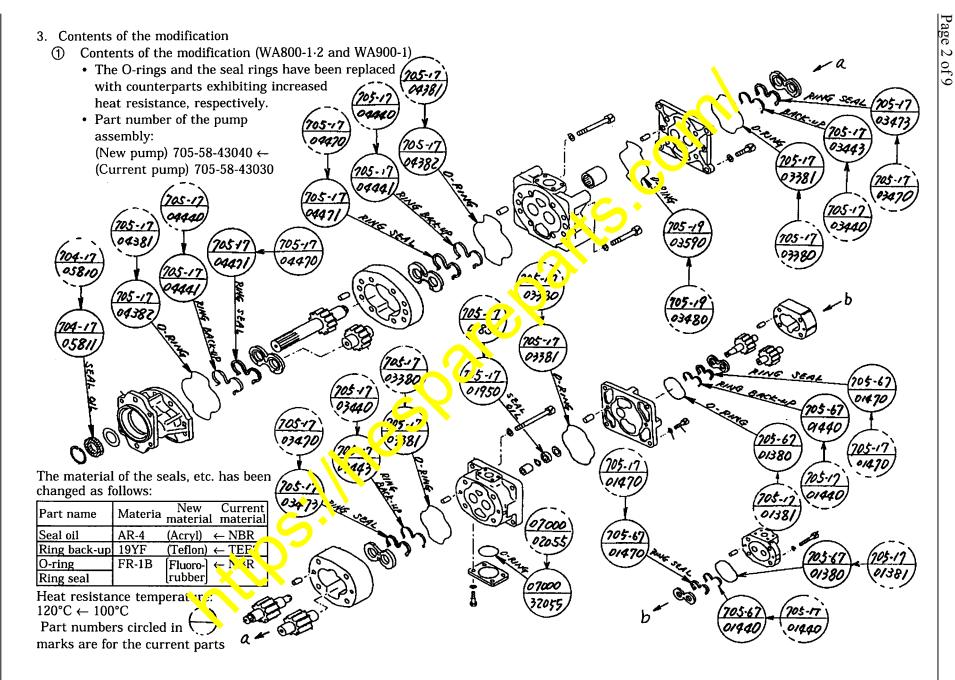
Heat resistance has been brought up to provert occurrence of the phenomena in the sequence of : "the seal of the PPC pump becomes defective by thermal hardening under the continuous influences of the hydraulic oil temperature during the operations lasting long periods of time" ..."the hydraulic oil enters and ranges with the transmission oil or the seal of the torque converter pump becomes defective by thermal hardening"..."cavitation occurs"..."breakage of the internal structures of the pump max occur."

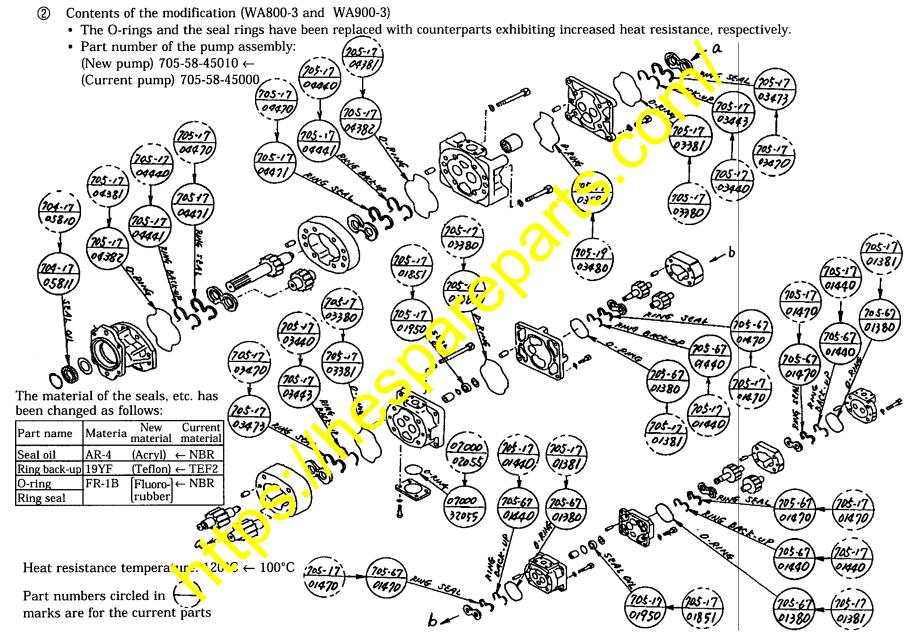
When installing the improved pump, follow the procedures outlined in this PARTS AND SERVICE NEWS.

- 2. Contents

- Replacement procedures for the torque converter pump......Refer to pages 6 9.
  NOTE: Be careful when installing the new torque converter pump since required parts are different depending on the machine model.

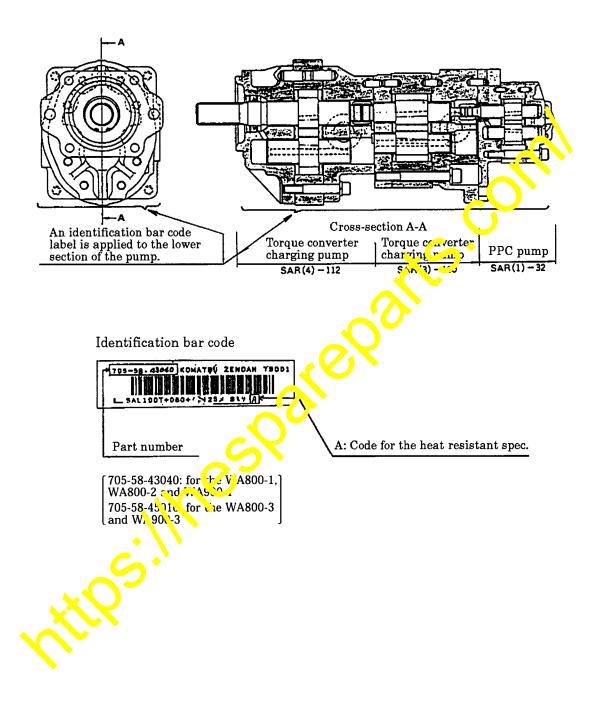






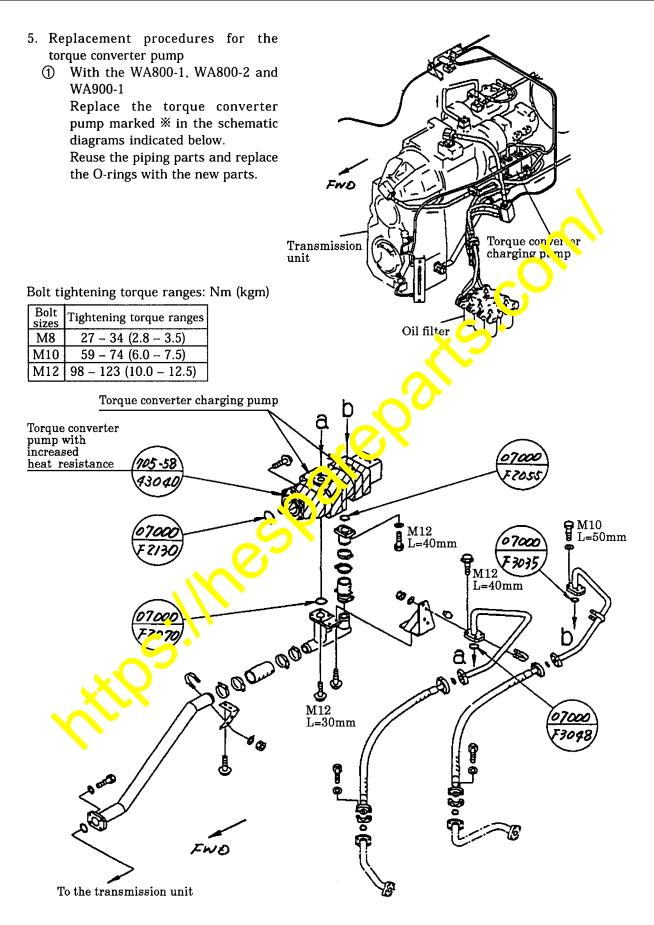
#### ③ Identification method

Read the bar code label being applied to the lower section of the pump to find out the "part number" and the "heat-resistant spec. code".



Item	Part Number	Description	Qty	Remarks
1	705-58-43040	T/C Pump	1	For the WA800-1, WA800-2, WA800-2L, WA900-1, and WA900-1L Wheel Loaders
2	705-58-43030	T/C Pump	1	
3	07000-F2130	O-ring	1	
4	07000-F2070	O-ring	1	
5	07000-F2055	O-ring	1	
6	07000-F3035	O-ring	1	
7	07000-F3048	O-ring	1	
8	07000-F3030	O-ring	1	
9	07000-F3032	O-ring	1	
10	705-58-45010	T/C Pump	1	For the WA800-3 and WA900-3 Wheel Loaders
11	705-58-45000	T/C Pump	C	
12	07000-F2130	O-ring		
13	07000-F2070	O-ring	1	
14	07000-F2055	O-ring	1	
15	07000-F3035	O-ring	1	
16	07000-F3048	O-ring	2	
17	07000-F3030	O-ring	3	
18	07000-F3045	O-ring	1	

NOTE: Be careful when ordering the rarts since required parts are different depending on the machine model.



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