

PARTS & SERVICE NEWS

REF NO. AA04188

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- SUBJECT:** REPLACEMENT OF THERMOSTAT CHECK VALVE ON ENGINE TO EXTENDED RADIATOR LIFE
- PURPOSE:** This will reduce chances of failure at the joint between the radiator top/bottom tank and the core, failure due to thermal shocks created by the rush of hot coolant into the radiator when the thermostat opens.
- APPLICATION:** WA200-5L Wheel Loader Serial Number A82001 through A82049
WA200PT-5L Wheel Loader Serial Number A89001 through A89015
WA250-5L Wheel Loader Serial Number A73001 through A73144
WA250PT-5L Wheel Loader Serial Number A79001 through A79154
WA320-5L Wheel Loader Serial Number A32001 through A32255
- FAILURE CODE:** 0310ZA
- DESCRIPTION:** The replacement of the check valve currently installed above the engine thermostat with a new nipple that have a 2mm hole will allow constant flow of hot coolant from engine to the radiator.

MACHINE PREPARATION

1. Park the machine on a flat level surface; lower the work equipment to the ground. Shut off the engine and cycle the controls to remove any residual hydraulic pressure from the work equipment circuits. Turn the parking brake switch on and block any tracks or wheels if necessary.
2. Remove the key from the ignition switch until the repairs are complete. Place a tag on the steering controls advising: "This machine is being repaired. It should not be started or moved for any reason until the tag is removed by the person doing the repairs."



WARNING! Observe all safety and precautionary standards as dictated by the environment and work conditions under which the equipment will be inspected, reworked and repaired. Consult the "Shop Manual" and "Operator's and Maintenance Manual" and your "Komatsu district service manager" with any/all questions regarding safety.

Remark

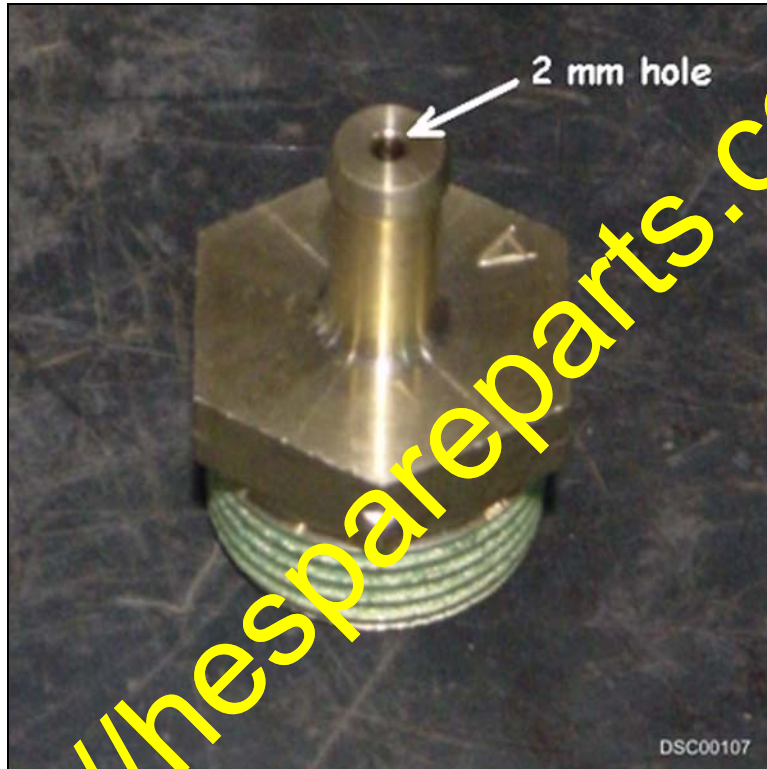
These instructions are intended to supplement the service data contained in the appropriate "Shop Manual". Always refer to that manual for Removal, Installation, Disassembly and Reassembly instructions when not contained in this document.

PARTS LIST

No.	Part Number	Description	Qty.	Remark
1	6737-61-6270	NIPPLE	1	To replace 6737-31-3270

INSTALLATION PROCEDURES

- Simply replace the check valve currently installed on the machine with the provided nipple part number 6737-61-6270.
- This new nipple has a 2mm hole as shown below.



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