

PARTS & SERVICE NEWS

REF NO. AA03116A

DATE April 16, 2004

(C)

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This **Parts & Service News** supercedes AT03058 dated Apr. 3, 2003, AA03116 dated Sept. 3, 2003 and AT03058B dated Apr. 9, 2004 and all should be discarded.

SUBJECT: INTRODUCTION OF THE REINFORCED OIL LEVEL SENSOR

PURPOSE: To introduce the reinforced oil level sensor on SAA6D114 engines

APPLICATION: WA380-5/ Wheel Loader, S/N 60001 thru 60397
SAA6D114E-2 Engine S/N up to 26802122)
WA380-5L Wheel Loader, S/N A52001 thru A52164
SAA6D114E-2 Engine S/N up to 46307351

FAILURE CODE: A2L0FF

DESCRIPTION:

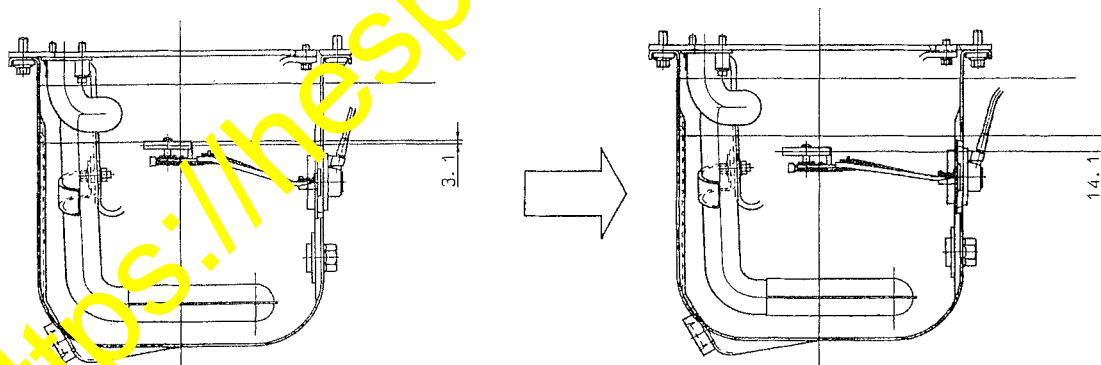
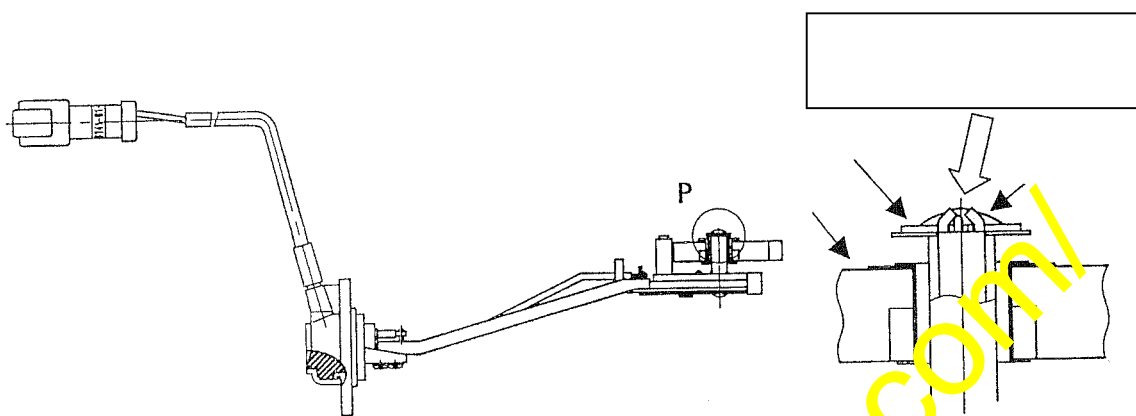
1. Introduction:

As for SAA6D114E-2 engines on WA380-5/5L, due to the damage of the float stopper for the oil level sensor, the float drops and the error of the oil lowering may be mistakenly issued.

When this occurs, replace with the float stopper reinforced oil level sensor by this **PARTS & SERVICE NEWS**.

2. List of parts:

Part No.	Part Name	Purpose of Part	Qty	Remarks
6741-81-9220 (7861-93-4210)	Sensor (Sensor)	Replacement	1 (1)	Changed to the old part. The old part cannot be reused Replace the current sensor with this new sensor. The current sensor should not be used any more.
6741-81-9230 (7861-93-4210)				



<https://thespareparts.com/>

4. Modification procedures

- 1) Drain the oil in advance so that the engine oil in the oil pan may not flow out when the oil level sensor is removed.
- 2) Loosen the mounting bolts and remove the current oil level sensor.
- 3) Install the improved oil level sensor and tighten the mounting bolts.
(Tightening torque: 8 – 12 Nm {0.82 – 1.22 kgm})

Part No. of the related parts

	Current oil level sensor	Improved oil level sensor
Mounting bolt	6743-71-5680	←
Oil level sensor	7861-93-4210	6741-81-9230

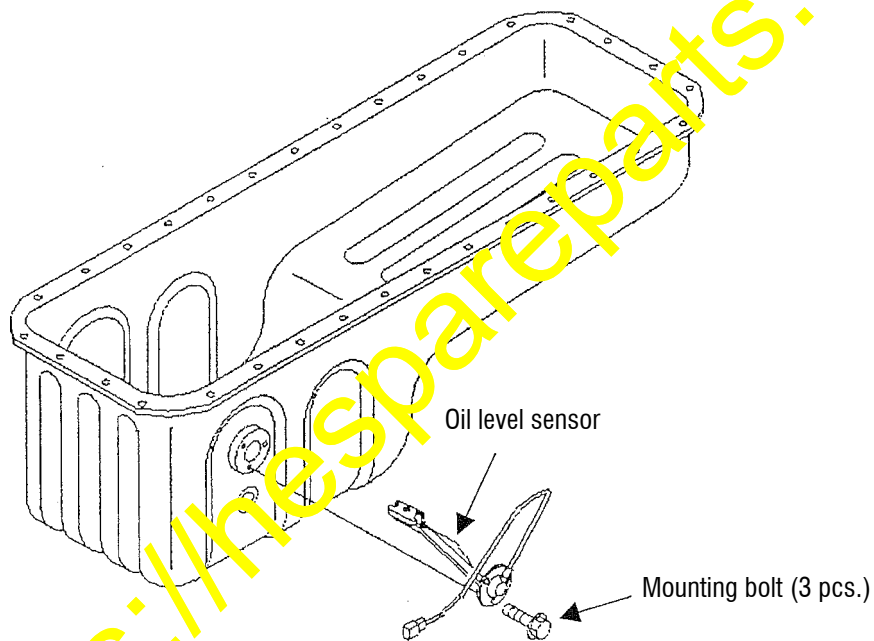


Fig. 3