

PARTS & SERVICE NEWS

REF NO.	AA04095
DATE	June 22, 2004

(C)

SUBJECT: A MODIFICATION OF THE TEMPERATURE SENSOR

PURPOSE: To introduce a modification procedure to replace the feed air temperature sensor on the SAA6D170E-3 engines

APPLICATION: HD465-7 Dump Truck Serial Number 7001 through 7260
 HD605-7 Dump Truck Serial Number 7001 through 7120
 PC1250-7 Hydraulic Excavator Serial Number 20001 through 20165
 WA600-3 Wheel Loader Serial Number 54001 through 54011
 WA600-3A Wheel Loader Serial Number 52001 through 52128
 WA600-3D Wheel Loader Serial Number 53001 through 53059
 WA600-3LK Wheel Loader Serial Number A53001 through A53051
 WD600-3 Wheel Dozer Serial Number 50001 through 50011

FAILURE CODE: C153FF

DESCRIPTION: When the feed air temperature sensor for the SAA6D170E-3 engines malfunctions, replace the sensor following the modification procedure described in this **Service News**. (Replace the current sensor with the new sensor with increased mechanical strength.)

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	6560-61-7300 (6742-01-5144)	SENSOR (SENSOR)	1 (1)	(REPLACE)

DETAILS OF THE MODIFICATION

Replace the current sensor with the new sensor with increased mechanical strength.

★ Replacement procedure

1. Park the machine on a flat ground, turn on the parking brake and turn “OFF” the starting switch before starting the replacement work.
2. Disconnect the connector of the feed air temperature sensor from the air intake connector and remove the sensor (6742-01-5144).
3. Install the new sensor (6560-61-7300) and connect its connector.

 Tightening torque: 23 ± 3 Nm (17 ± 2.2 ft/lbs)

