

# PARTS & SERVICE NEWS

REF NO. AA03001

DATE January 2, 2003

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**SUBJECT:** ENGINE FAN FINGER GUARD FAILURE

**PURPOSE:** To avoid wire breakage at the welds

**APPLICATION:** WA380-3MC Wheel Loader Serial Number A51003 to A51563

**FAILURE CODE:** A630HB

**DESCRIPTION:** This News is to advise the field of the fan finger guard improvement, provide installation and identification of the new part.

## REQUIRED PARTS

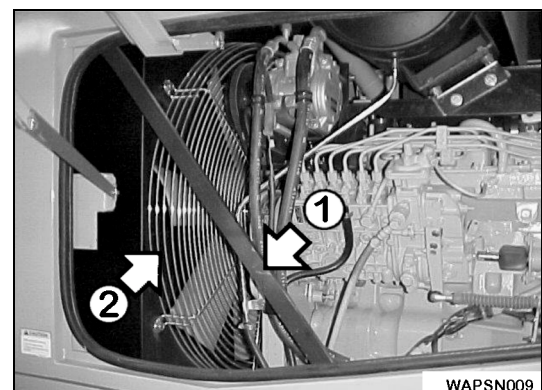
Part Number	Description	Quantity
423-03-A1111	Engine Fan Finger Guard	2

## MACHINE PREPERATION



**WARNING!** Please 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 appropriate Shop Manual, Operators and Maintenance Manual and your KOMATSU district service manager with any and all questions regarding safety.

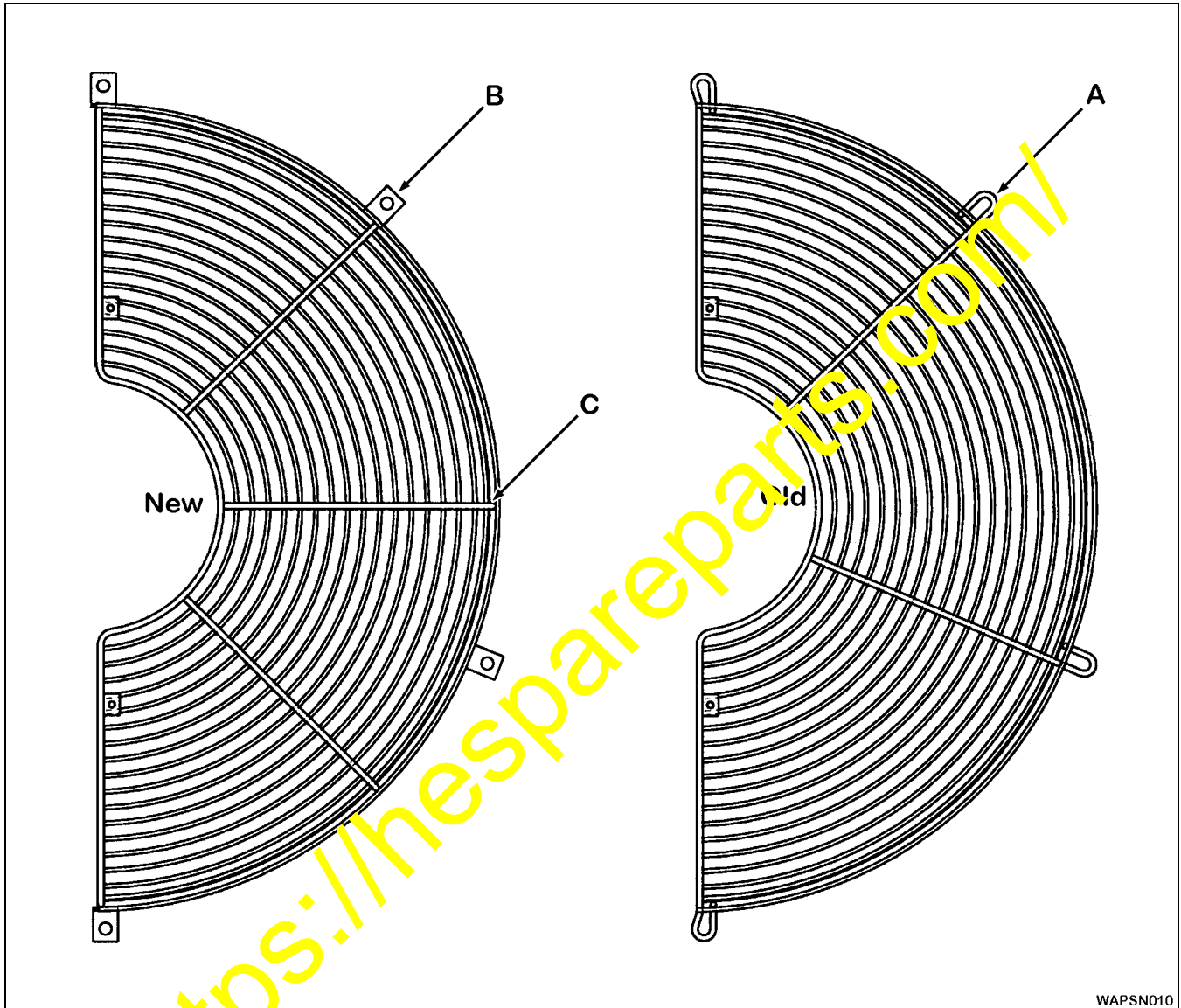
1. Stop the machine on level ground and install the safety bar on the frame. Lower the bucket to the ground and stop the engine. Then apply the parking brake and block the wheels to prevent the machine from moving.
2. Disconnect the cable from the negative terminal of the battery. Attach a Do NOT operate tag to the controls.
3. Open the left and right side doors. The radiator brace ① and the fan guard ② from each side are to be removed. Be careful not to damage the radiator fins during removal.

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WAPSN009

### FAN GUARD IMPROVEMENT

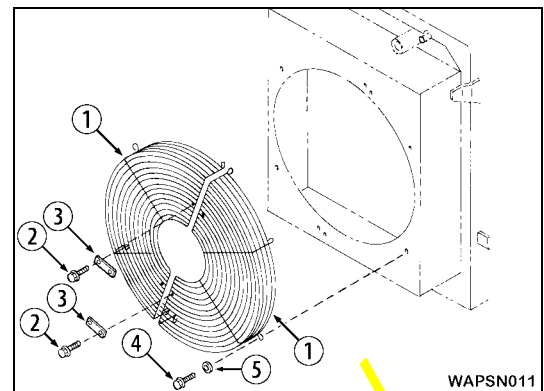
In order to avoid finger guard wire breakage at the weld, the design was changed as follows. The assembly was based on a rod mounting system **A** and was changed to a welded plate system **B** with an extra rod **C** welded in the center of the fan guard



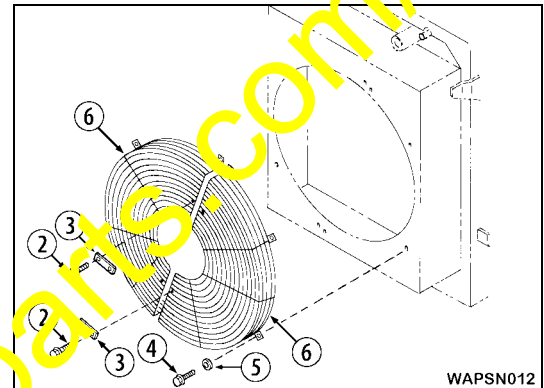
## INSTALLATION INSTRUCTIONS

1. Remove the four bolts ② ◊ and two attaching plates ③ ◊. Remove the eight bolts ④ ◊ and flat washers ⑤ ◊.
2. Remove the two fan finger guards ① ◆ and discard.

◊	Retain these parts for future use.
◆	Discard these parts and replace with new ones from the list.



3. Replace the old style fan finger guards ① with the new style guards ⑥. Secure the new style guards to the fan shroud using the retained hardware ②, ③, ④ and ⑤.
4. Conform the functionality of the engine fan and make necessary adjustments as needed. Release the machine for service.



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