

PARTS & SERVICE NEWS

REF NO. AA02172

DATE July 29, 2002

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SUBJECT: REPAIR COOLANT SUB-TANK VENT

PURPOSE: To prevent leakage of coolant through the sub-tank vent.

APPLICATION: WA500-3LK Wheel Loader Serial Number A71001 thru A71174

FAILURE CODE: 0331AF

DESCRIPTION: The current tube-hose on the WA500-3LK radiator sub-tank may cause coolant to be siphoned out of the tank when the coolant level is high. This rework will replace the tube-hose configuration with a breather, which will prevent this type of leakage.

Required Parts:

Item	Part Number	Description	Qty
1	07030-00252	Breather	1
2		Coupler - 1/4 inch Metric Pipe, 10 threads/ BSP Purchase locally Parker P/N GG441M	1

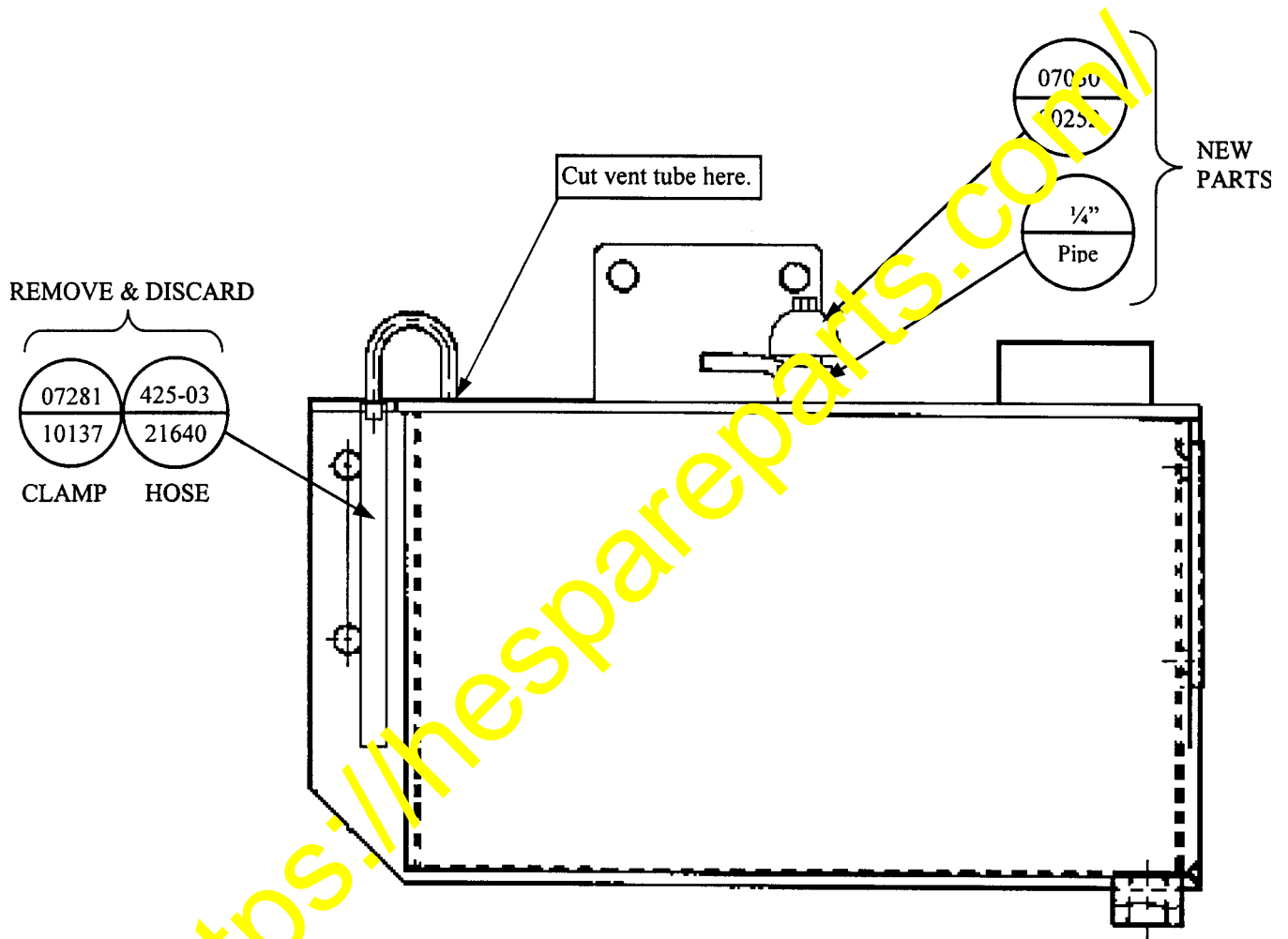


WARNING! BEFORE STARTING ANY WORK, DO THE FOLLOWING:

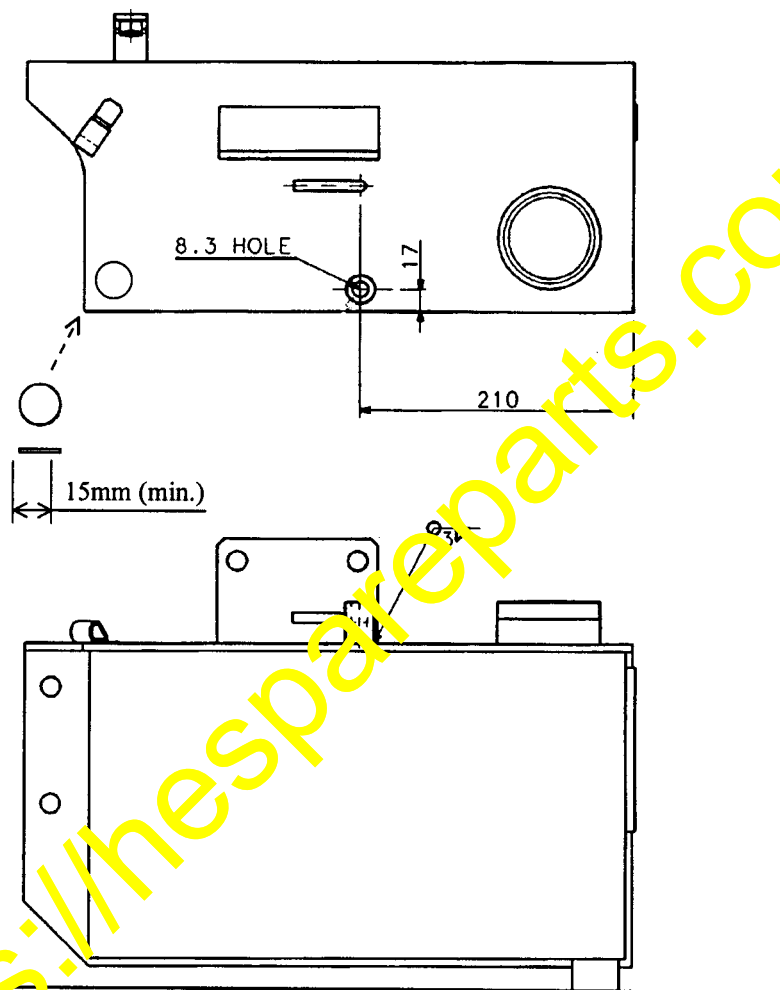
1. Park the machine straight and on level ground.
2. Lower the work equipment.
3. Engage the parking brake.
4. Turn the engine OFF.
5. Set the safety bar and block the wheels.

Procedure:

1. Drain the radiator sub-tank and remove it from the machine.
2. Remove the vent hose and clamp (see below) and discard.
3. Cut the vent tube flush with the top plate of the tank.



- Cut a small piece of plate, as shown, to weld over the hole left after removing the old vent tube.
- Drill an 8.3mm hole, as shown. Center coupler over drilled hole and weld in place.



- Flush the tank to remove any debris.
- Install breather.
- Reinstall the tank and fill to the proper level.