



INSTRUCTION BULLETIN

No. 340692
Machine: Centurion™
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Rev. 01

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for **kit number 9000352**

DESCRIPTION:

This kit contains the parts needed to relocate the A/C condenser and drier, to draw cooler air from outside the truck profile.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: You will not have to break any AC lines to relocate the condenser. The condenser tube is flexible, but could break. It is flexible enough to let you reposition the drier, and mount it on the same new bracket as the condenser.

(Estimated time to complete: 6 hours)

PREPARATION:

1. Drive the machine to a clean, level work surface.
Make certain that there is enough clearance in front of the machine to tilt the cab forward.

FOR SAFETY: Do not operate machine unless all TENNANT and truck manuals are read and understood.

NOTE: The MACHINE NOT LEVEL ALARM will sound and appear if a hopper lift is attempted and the machine is on an incline that is unsafe for high dumping.

FOR SAFETY: When using machine, only raise the hopper on a level surface.

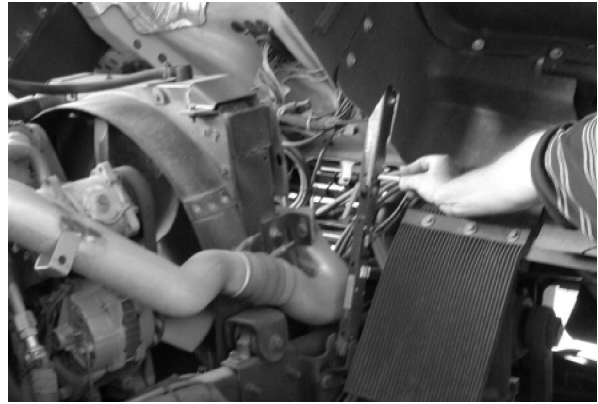
2. Press and hold the brake pedal with your foot.
Place the machine in neutral, then engage the parking brake.
3. Raise the debris hopper to it's full height, and engage the hopper support rods.



WARNING: High dump vertical clearance. Stay clear of overhead obstructions and power lines.

NOTE: The ACTIVATE PARK BRAKE ALARM will sound and appear if a hopper lift is attempted and the parking brake is not set.

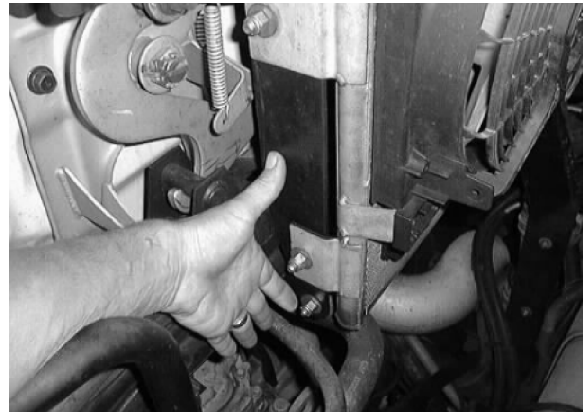
4. Turn the engine off. Tilt the machine cab forward, and engage the cab support pin.



INSTALLATION:

1. Remove the condenser and drier from their mounting brackets. Set the mounting hardware aside

FOR SAFETY: Do not operate machine unless all TENNANT and truck manuals are read and understood.



2. ,After removing all condenser and drier mounting hardware, lay the condenser and drier back on the fuel tank.



3. Locate the existing ear that secured the drier. . .



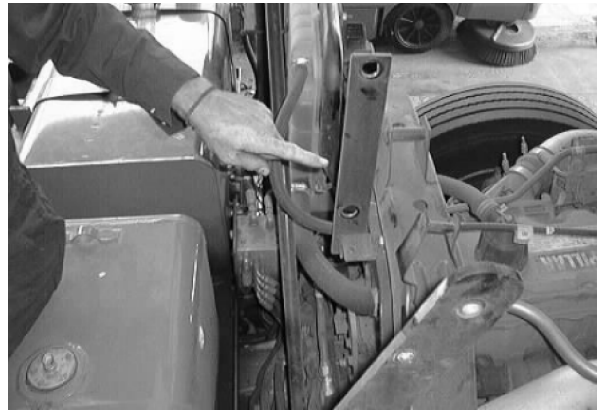
- . . and remove the existing ear with a cutting wheel.



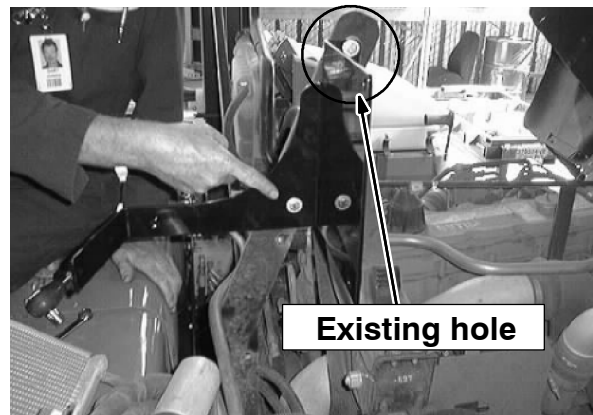
This will need to be removed to mount the new brackets.



4. Remove and discard flat plate before installing new mounting brackets. The mounting hole in the angle, will be used mount bracket 1012834.



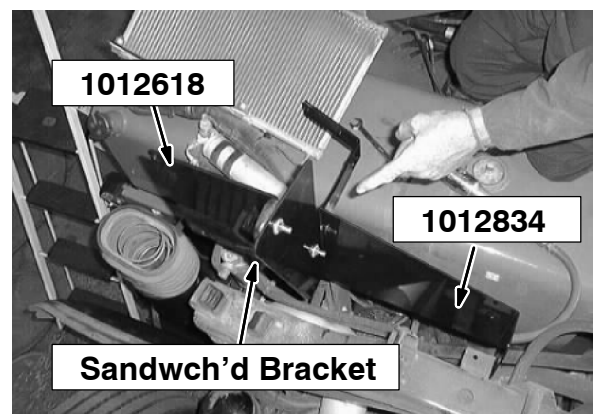
5. Mount new bracket 1012618 in the 1/2" by 4" thick plate, mounted to the chassis rails. Use one M8 screw 09026 to mount to the existing top hole.



6. Raise the bracket arm until the flat edge of the plate is straight up and down. Then, using the bracket as a template, mark and drill a second mounting hole in the 1/2" by 4" plate.



7. After drilling the new mounting hole, install bracket 1012834 on the opposite side of bracket 1012618, using the other M8 screw 09026 to secure the brackets. Sandwich the 1/2" by 4" plate in between them.



8. Secure bracket 1012834 to the existing angle where the flat plate was removed in step 4, using M8 screw 09011, 5/16 washer 32491 and M8 nut 08709. This will help stabilize the condenser.



9. Install bracket 1013021 in between the two brackets for support, using M8 screw 09011 and 5/16 washers 32491.



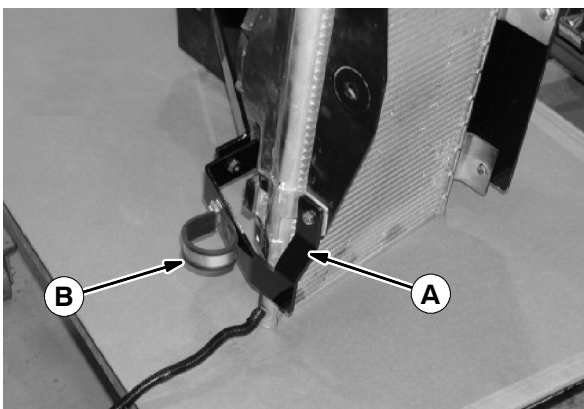
10. Orient the condenser back into mounting position with the coils pointing towards the outside of the machine.

You may need to cut cable ties, and pull some hose back to aid in repositioning the condenser.



11. Mount the new bracket (A) on the side of the condensor with the existing M12 hardware.

Note the location of new drier mounting bracket (B).

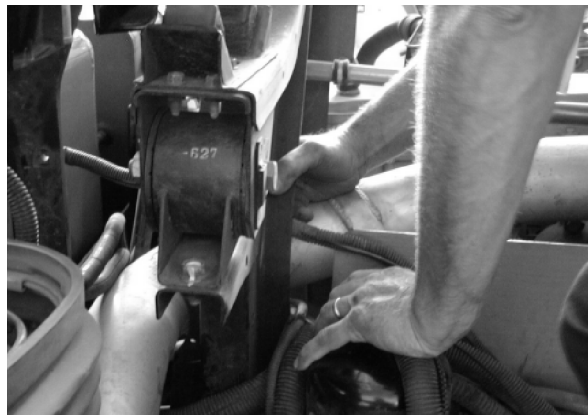


12. Reposition the drier, and clamp it to the bracket, using the hole behind the mounting point, clamp 41016, M8 screw 09740, 5/16 washer 32491 and M8 flange nut.

NOTE: THE DRIER IS HARD PLUMBED TO THE CONDENSER. THE TUBE IS FLEXIBLE, BUT COULD BREAK.



13. Cut cable ties, and pull the condenser/drier harness back to the engine compartment, and re-route above the exhaust pipe if necessary.



14. Reconnect the wire harness to the condenser/drier.



15. Check that the chute is installed properly, in front of the coils, to assist in drawing cooler air from outside the truck profile.

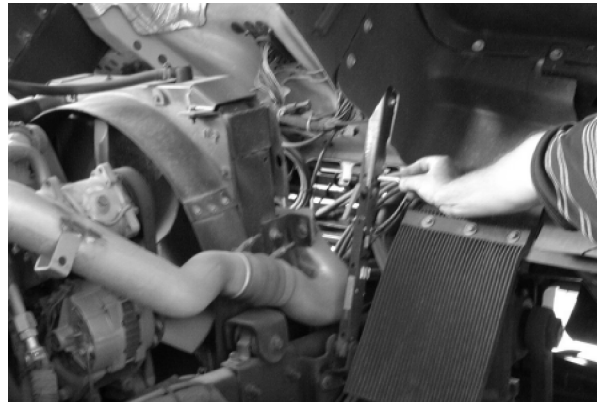
Mount the chute to the brackets with two M8 screws 09740, four 5/16 washers 32491, 2 M8 nuts 08709, and existing mtg. hardware at point of condensor.



16. Secure wire harnesses with wire ties, and check that all new hardware is tight.



17. Lower the machine cab, and debris hopper.
Check the condenser/drier for proper operation.



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