



INSTRUCTION BULLETIN

No. 3747
Machine: 830 Hi-Dump
Published: 9-95/00
System: SWEEPING

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 760217

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install two grease zerks in the front roller bearings on the outer scissors lift weldment on the model 830 Hi-Dump sweeper. The bearings are not sealed and may dry out over time. This condition can lead to premature bearing failure.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: 1. A small die grinder and cutter tool.

(Estimated Time to complete: 2 hours)

INSTALLATION:

(Refer to FIG. 1)

1. Tilt the hopper and install the cylinder safety stop bracket. Shut off the machine.

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.

2. Locate the roller bearings at the front corners of the outer scissors lift weldment. Each bearing has an allen screw installed in the area of the welded end of the bearing shaft on the inside of the scissors weldment. (Refer to Fig. 1)
3. The allen screw may be partially or completely covered with weld slag. Use the die grinder with the cutter tool to remove the weld material. Remove the allen screw once the weld slag has been ground off. (Refer to Fig. 1)
4. Install the grease zerks (1) from this kit into the threaded holes. (Refer to Fig. 1)
5. Fill the bearings with grease. (Refer to Fig. 1)
6. Remove the cylinder safety stop bracket and lower the hopper.

NOTE: The hopper should be raised and lowered a number of times and the bearings re-filled with grease until the entire bearing shows grease penetration.

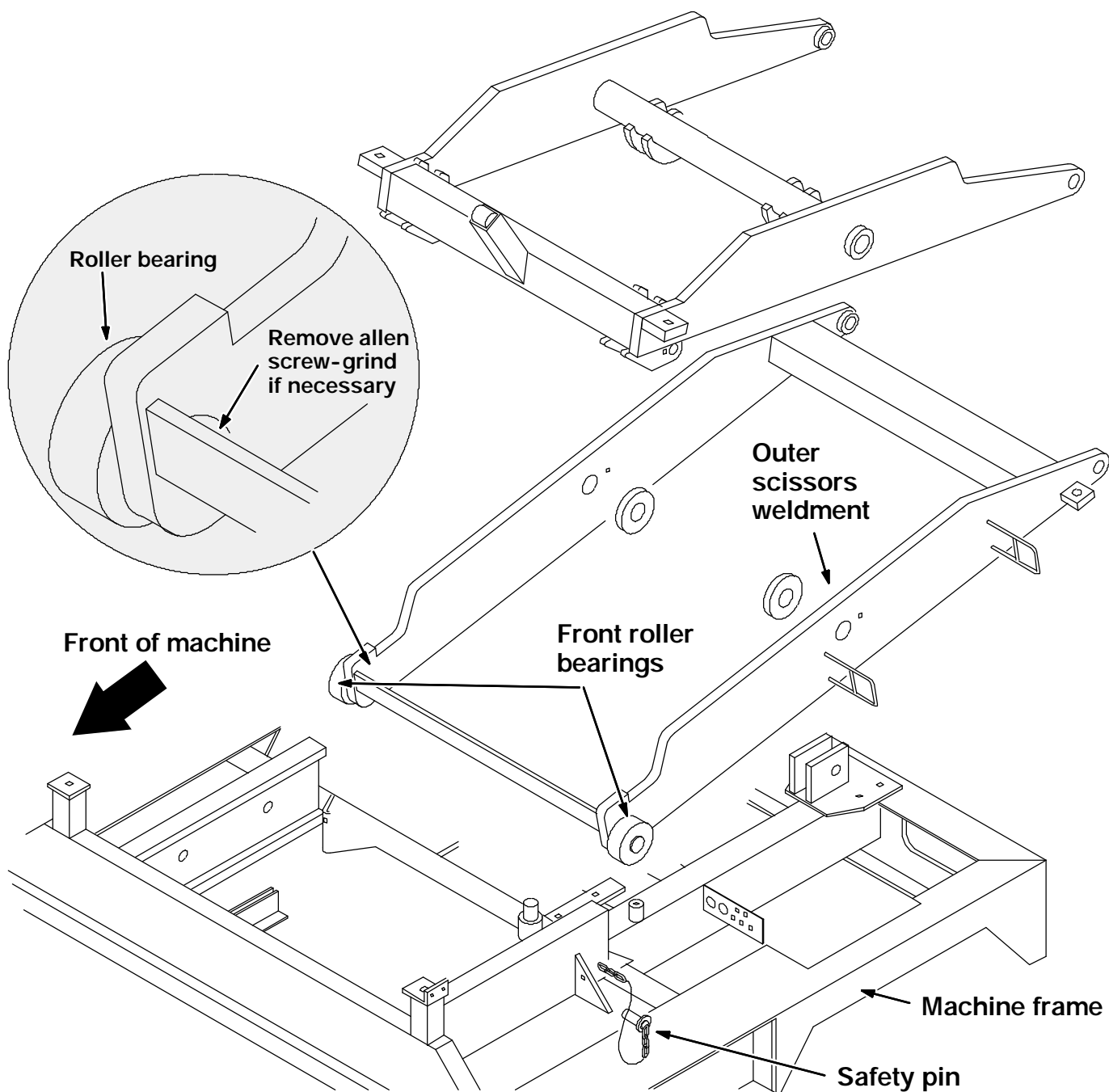


FIG. 1 - Zerk Location

BILL OF MATERIALS FOR BEARING ZERK INSTALLATION KIT 760217

Ref.	TENNANT Part No.	Description	Qty.
1	763141	Grease zerk	2

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