

SPECIFICATIONS

Overall width	91" (231 cm)
Overall height	92" (234 cm)
Overall length	155" (394 cm)

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TELESCOPING PTO DRIVE

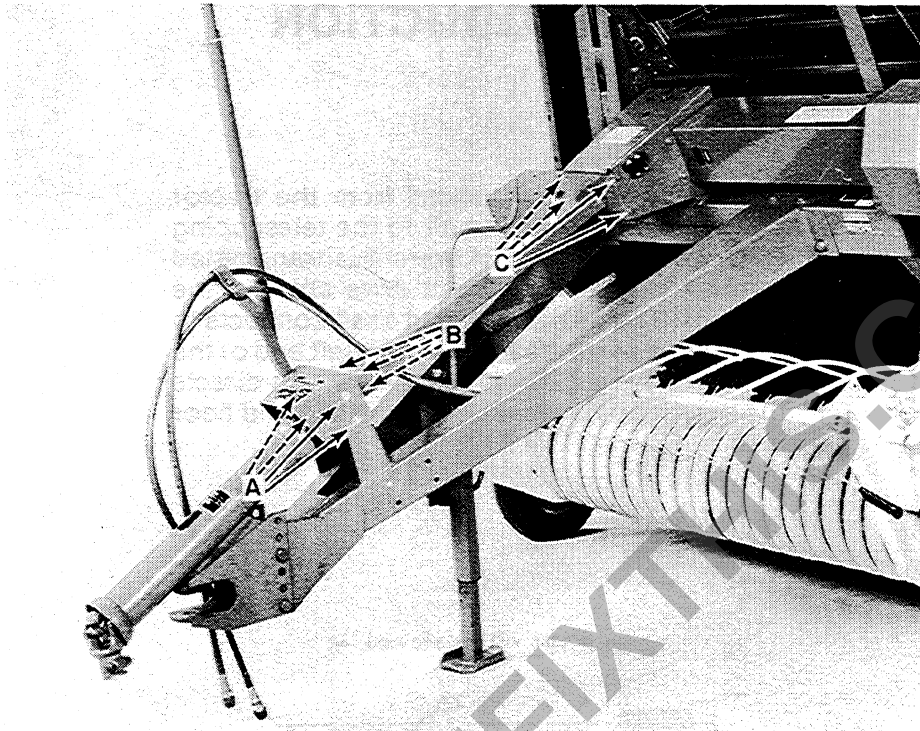


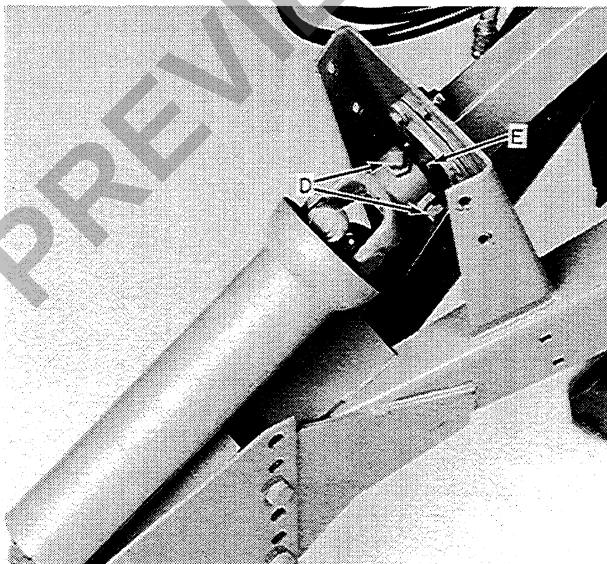
FIGURE 2

REMOVAL OF PTO DRIVE

1. The front section can be slid off the assembly. Be careful not to drop the rear half as the shield can be damaged.
2. Remove the four bolts at A, Figure 2.
3. The rear half can be removed by loosening the jam nuts, D, Figure 3, and removing the set screw. It may be necessary to use a punch to remove the yoke from the shaft.

DISASSEMBLY

1. PTO Shields - The PTO shields can be removed from the assemblies by removing the retainer ring, washer, and nylon bearing, Figure 4. Then slip off the shield.



**SAFETY SHIELDS REMOVED
FOR CLARITY.**

FIGURE 3

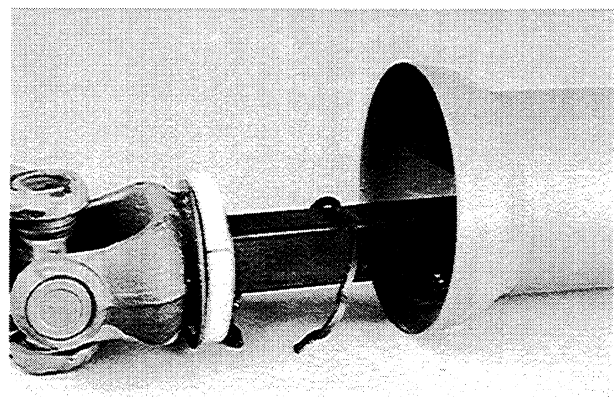


FIGURE 4

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PLEASE READ CAREFULLY!

INCLUDED THROUGHOUT THIS MANUAL AND ON MACHINE DECALS YOU WILL FIND PRECAUTIONARY STATEMENTS SUCH AS “CAUTION”, “WARNING” AND “DANGER”, FOLLOWED BY SPECIFIC INSTRUCTIONS.

THESE PRECAUTIONS ARE INTENDED FOR THE PERSONAL SAFETY OF YOU AND THOSE WORKING WITH YOU. PLEASE TAKE THE TIME TO READ THEM.

PERSONAL SAFETY!

CAUTION: THE WORD “CAUTION” IS USED WHERE A SAFE BEHAVIORAL PRACTICE ACCORDING TO OPERATING AND MAINTENANCE INSTRUCTIONS AND COMMON SAFETY PRACTICES WILL PROTECT THE OPERATOR AND OTHERS FROM ACCIDENT INVOLVEMENT.

WARNING: THE WORD “WARNING” DENOTES A POTENTIAL OR HIDDEN HAZARD WHICH HAS A POTENTIAL FOR SERIOUS INJURY. IT IS USED TO WARN OPERATORS AND OTHERS TO EXERCISE EVERY APPROPRIATE MEANS TO AVOID A SURPRISE INVOLVEMENT WITH MACHINERY.

DANGER: THE WORD “DANGER” DENOTES A FORBIDDEN PRACTICE IN CONNECTION WITH A SERIOUS HAZARD.

ADDITIONAL PRECAUTIONARY STATEMENTS SUCH AS “ATTENTION” AND “IMPORTANT” ARE FOLLOWED BY SPECIFIC INSTRUCTIONS. THESE STATEMENTS ARE INTENDED FOR MACHINE SAFETY.

MACHINE SAFETY!

ATTENTION: THE WORD “ATTENTION” IS USED TO WARN THE OPERATOR OF POTENTIAL MACHINE DAMAGE IF A CERTAIN PROCEDURE IS NOT FOLLOWED.

IMPORTANT: THE WORD “IMPORTANT” IS USED TO INFORM THE READER OF SOMETHING HE NEEDS TO KNOW TO PREVENT MINOR MACHINE DAMAGE IF A CERTAIN PROCEDURE IS NOT FOLLOWED.

IMPORTANT!

FAILURE TO FOLLOW THE “CAUTION”, “WARNING”, AND “DANGER” INSTRUCTIONS MAY POSSIBLY RESULT IN SERIOUS BODILY INJURY.

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II. OUTPUT SHAFT

9. Install bearing cone, G, against sleeve on output shaft, H. Install snap ring, J.
10. Insert shaft, H, through the left side of gearbox opening, through the bevel gear, K, washer, L, and stake nut, M.
11. Install spacer, N, and cone and cup of bearing, O, on the output shaft, H.
12. Assemble retainer, P, and retainer, Q, without seals, using the same number of shims as were removed. Do not over-tighten. The shaft should turn freely and have some free movement between the teeth of the input shaft and the output shaft. Tighten the stake nut, M, securely. Use a punch to STAKE the thin wall of the stake nut into the keyway. Lubricate the bearings with light oil.

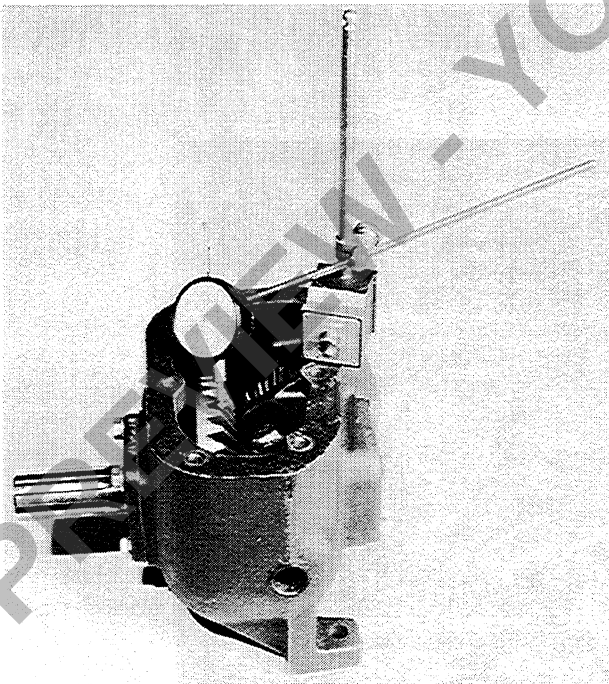


FIGURE 22

13. Shim retainers, P and Q, so the gears do not bind when making this adjustment. Preload on this shaft alone should be 5 to 10 in. lbs. (.875 to 1.75 N·m).

NOTE: To check preload on H, without disassembly of the shaft, B, a combined preload of the shafts is required. If shaft, H, is used, the combined preload should be 27-37 in. lbs. (4.7 to 6.5 N·m). If shaft, B, is used, the combined preload should be 15-20 in. lbs. (2.6-3.5 N·m).

14. The backlash is adjusted next to obtain .005" to .014" clearance between the gears. Use a dial indicator on the gear as shown in Figure 22 and adjust by moving shims from the left side and adding these shims to the right side to decrease the backlash. Move shims the opposite way when the backlash is too close. Recheck the bearing preload.
15. Remove the cap screws in retainer end caps, P and Q, and coat the threads with #2 Permatex. Be sure to install shield, R, before putting in the cap screws. Torque the cap screws to 18 ft. lbs. (24 N·m).
16. Add seals to input and output shafts, B and H.
17. Coat threads of pipe plug with Permatex and install in gearbox.
18. Add 1½" pints (.709 liters) of multi-purpose gear lube #90.
19. Coat top edge of gearbox with Permatex and install cover.

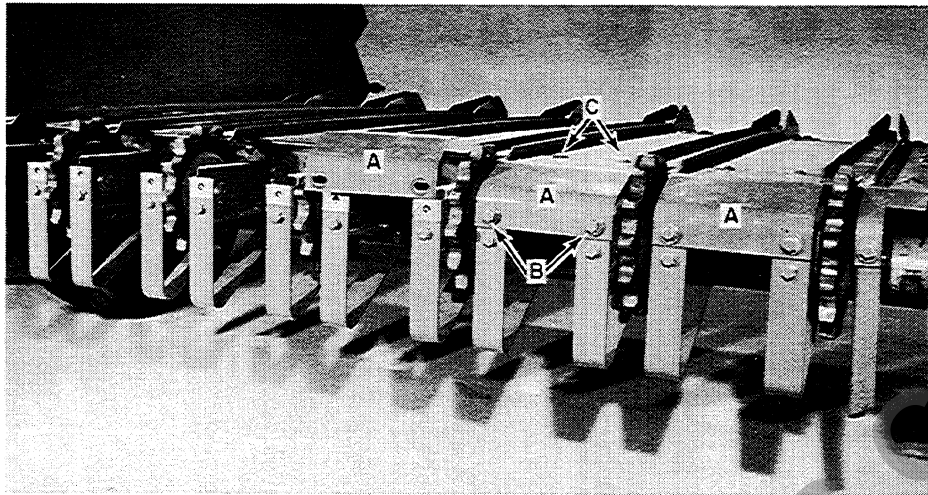


FIGURE 57

FLOOR GUIDE CHANNEL AND FLOOR REPLACEMENT

NOTE: It is not necessary to remove the pickup when less than three floor guide channels need replacement. They can be replaced as detailed in the operator's manual.

1. Follow "Pickup Removal" section in this manual for removal of the pickup.
2. Remove the chain guides, A, Figure 57, from the baler by removing the cap screws at B, and the carriage bolts at C.
3. To remove the floor guide channel, D, Figure 58, from the baler, remove the plow bolts, E.
4. Complete the floor removal by removing the carriage bolts at F.

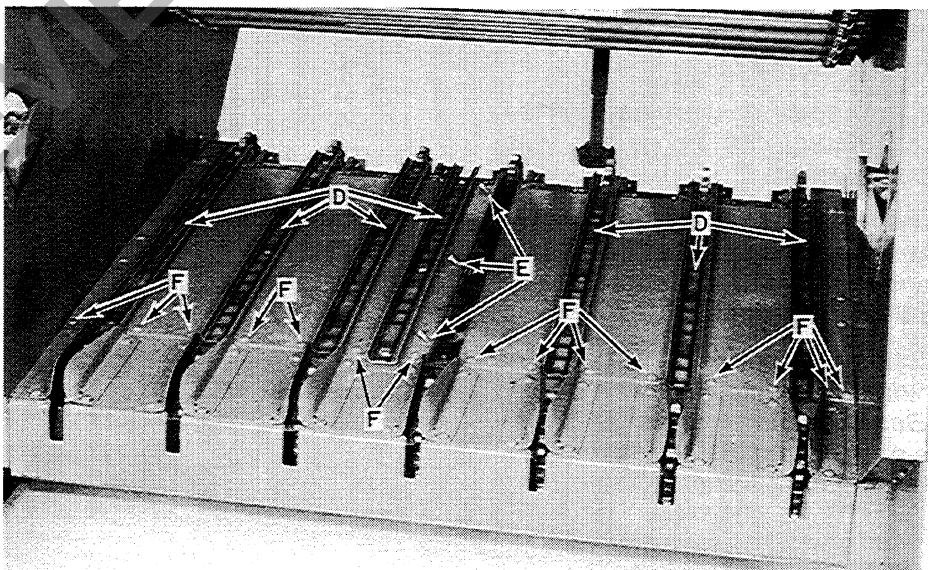


FIGURE 58

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