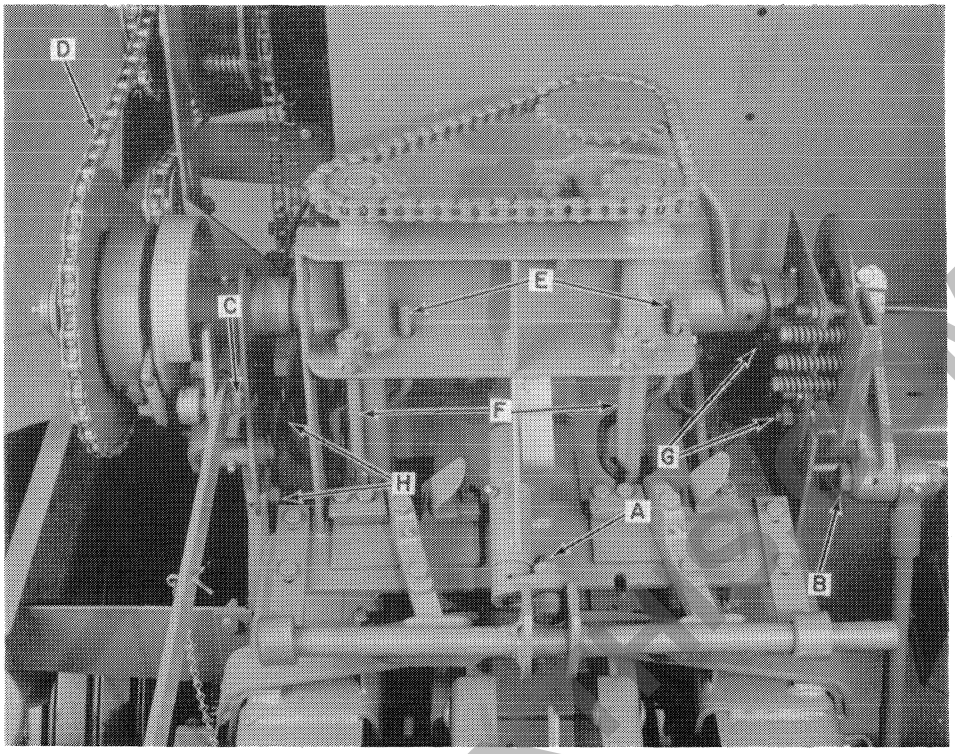


FIGURE 1

REMOVING TWISTER ASSEMBLY FROM BALER (Figure 1)

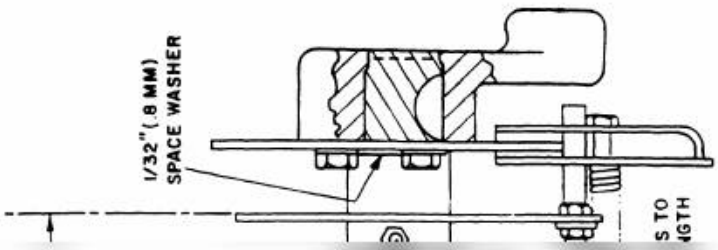
Remove the hold-down hardware, A, twister arm bolt, B, trip arm cam follower nut, C, twister drive chain, D, wire guides, E, tail twist wrappers, F, right side mounting hardware, G, and left side mounting hardware, H.

Lift the twister assembly from the baler and move to a work bench.

CAUTION: THE TWISTER ASSEMBLY IS HEAVY AND AWKWARD TO HANDLE.

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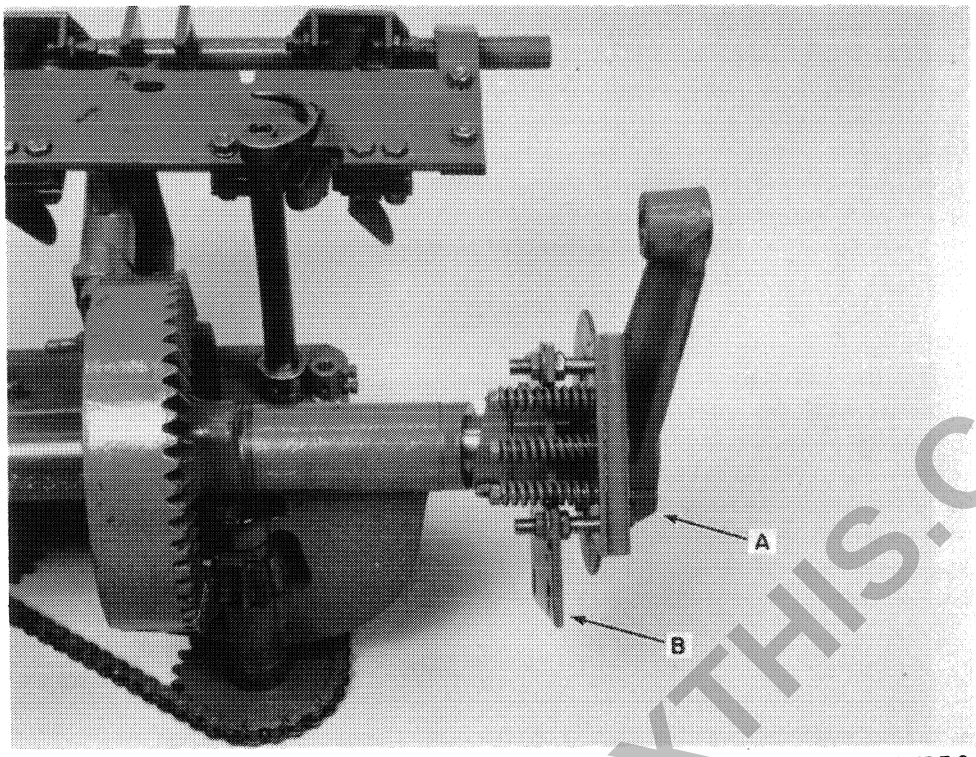


FIGURE 2

TWISTER DISASSEMBLY (Figures 2, 3, 4, 5, 6 and 7) FIGURE 2

A. Remove the clamp bolt, A. Slide the twister arm, brake and disc from the shaft as an assembly.

B. Remove the woodruff key from the shaft.

C. Slide the bearing, B, from the shaft.

FIGURE 3

A. Remove set screw, A, and slide the collar off the shaft.

B. Loosen set screw, B, and slide the cam from the shaft.

C. Loosen nut, C, and remove twister hook drive chain, D.

D. Remove nut, E, from adjusting rod.

E. Slide the twister pinion bracket assembly, F, from the shaft.

F. Loosen twister bevel gear clamp bolt, G. Slide the bevel gear from the shaft. **NOTE: The bevel gear is "loctited" to the shaft. It may be necessary to heat the hub to remove the twister bevel gear.**

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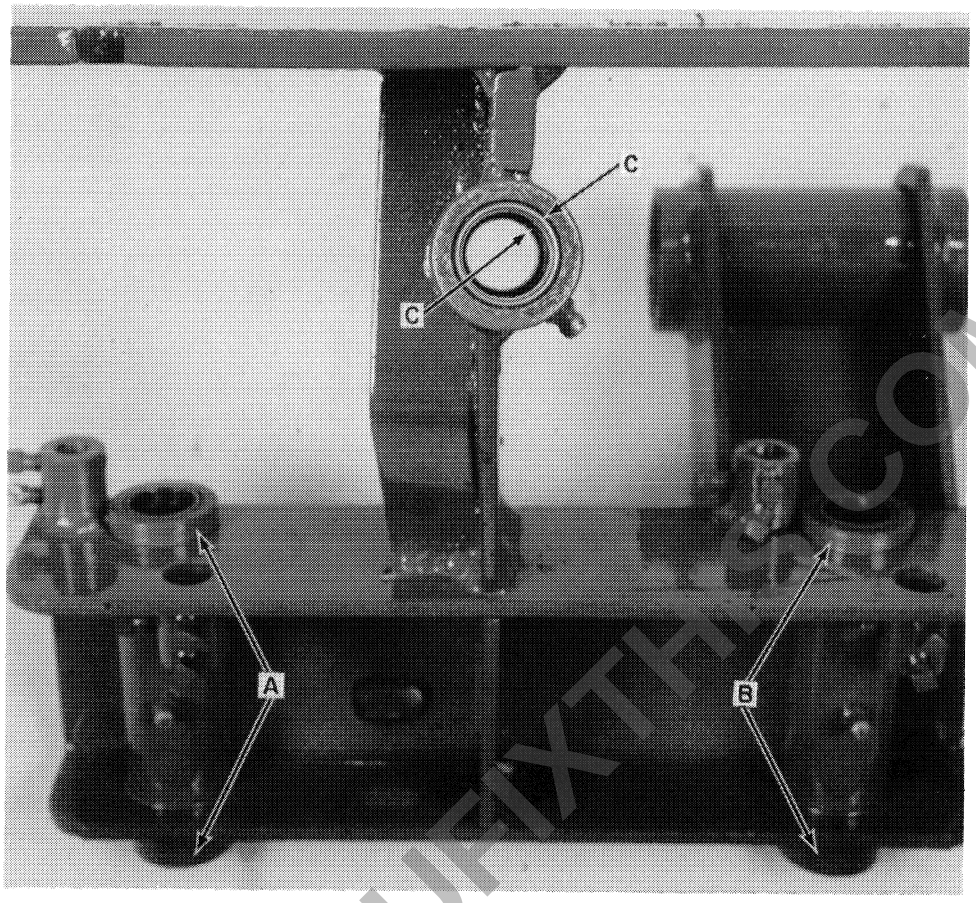


FIGURE 13

SERVICING THE TWISTER FRAME (Figure 13)

There are two bushings each, located at A, B, and C. Replace as necessary.

SERVICING TWISTER HOOK SHAFT ASSEMBLIES (Figure 14)

A. High wear areas are indicated at A and B. If grooves or roughness is noted, replace the part.

B. If wear is present in the bushing area of the shaft at D, replace the shaft.

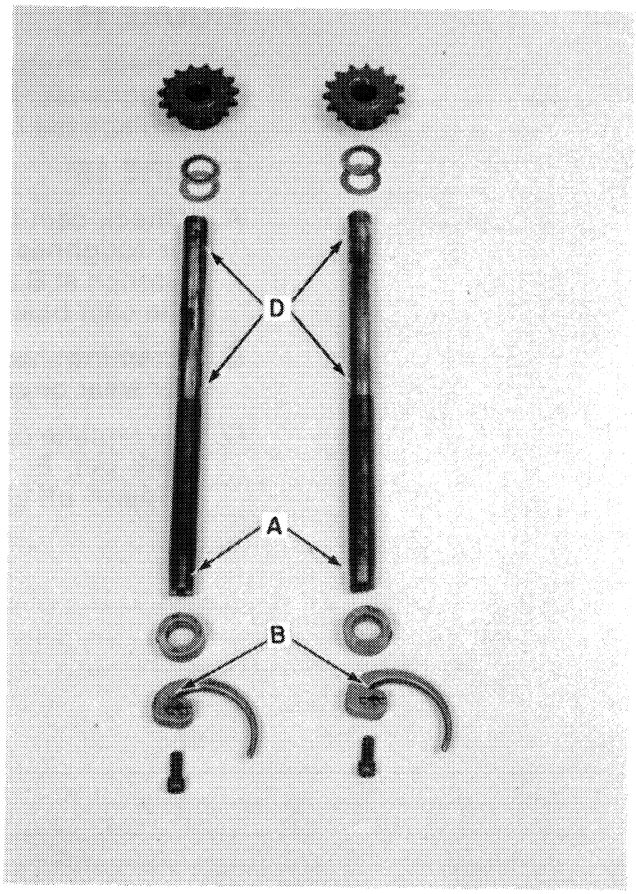


FIGURE 14

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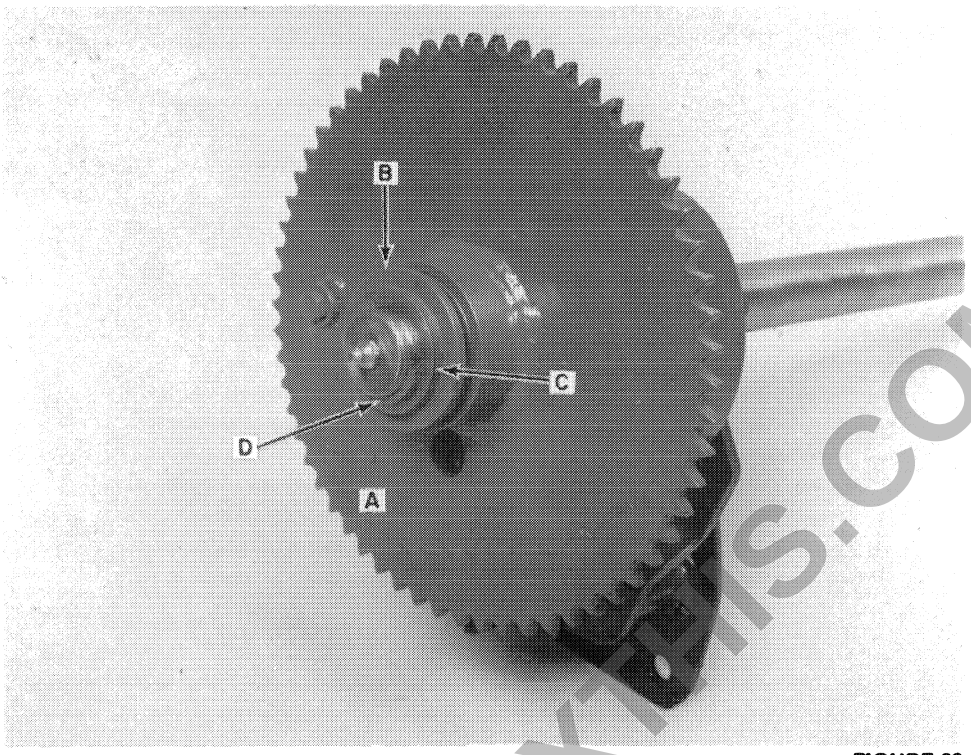


FIGURE 26

FIGURE 26

A. Install the twister drive hub assembly, A, then the large washer, B.

B. Install enough spacer washers, C, so there is a maximum of 1/32" clearance between the snap ring or cotter pin, D. **NOTE: There are three thicknesses of spacer washers; 1/32", 1/16" and 1/8".**

C. Install snap ring or cotter pin, D.

FIGURE 27

A. Install several spacer washers, A, and the spacer, B.

B. Slide the twister frame assembly, C, on the shaft.

C. Add or remove spacer washers at A, as required to obtain dimension, B, shown in the diagram and chart on pages 28 and 29.

D. Install spacer washer, D, and spacer, E.

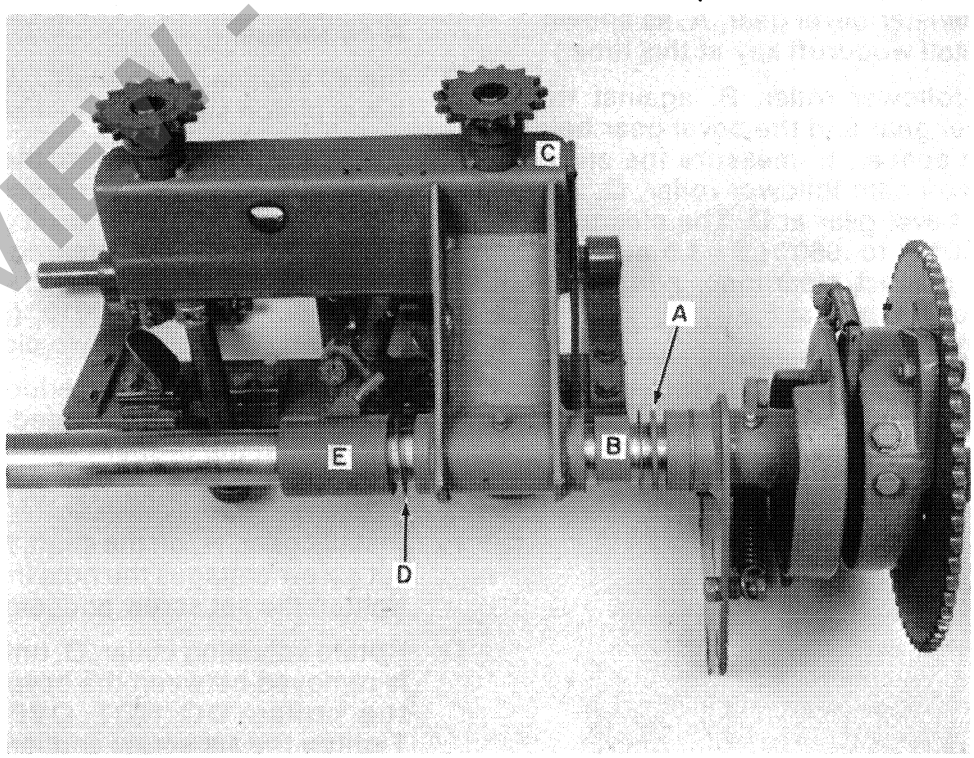


FIGURE 27

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The clamping action may be very easily checked by holding a piece of wire in the same position as the needle would place it in the twister and turning the machine through a twisting cycle.

If the clamping action is too severe, it will be indicated by the #1 wire falling away from the holder while the bale is being formed. When this occurs, a short piece of wire will be found held in the wire clamp. It may be corrected by loosening set screw, A or B, Figure 40, depending on which position of the clamp the action is too severe.

When the clamping action is too loose, the #1 wire will pull out of the holder while the bale is being formed. If this occurs, there will not be a short piece of wire in the holder as is true when the clamp is too tight.

This problem may be corrected by tightening adjusting screws, A or B, Figure 40, as required.

The following drawings can be used to restack the twisters on various model balers.

The preceding photographs show the heavy-duty twister. However, the procedures are the same for both standard and heavy-duty twisters.

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