



FIG. 31

FIG. 31: Remove the drive roll sprocket (1) and gib key (2). See Gib Key Removal and Installation in General Service Procedures.

Either remove the forming belts or install a pipe across the main frame to support the forming belts.

Clean the paint off of the drive roll shaft (3).

Loosen the set screw in the locking collars on the bearings (4). Use a punch to loosen the locking collars by driving the locking collar in the opposite direction of normal shaft rotation. When facing the left-hand side of the baler, normal shaft rotation is clockwise. Remove the lock collars from the bearings.

Support both ends of the upper drive roll with a hoist.

Remove the bearing (4) and flange assemblies (5) on both sides.

Remove the bearing plate (6) from one side of the baler.

Lift the upper drive roll shaft through the slot in the main frame. Pull the upper drive roll out of the baler.

NOTE: *If the bearings will be replaced, coat the outside rim of the bearing with antiseize before installing the bearing into the bearing housing.*

Installation

Install the drive roll under the forming belts. Put the drive roll shaft into the hole in the bearing plate that is on the baler. When the drive roll is in the baler far enough, lower the drive roll into position through the slot in the main frame.

Install the bearing support .

Install the bearing and flange assemblies on both sides.

Make sure the drive roll is centered in the bale chamber. The distance (A) from the groove in the upper drive roll to the main frame must be equal within 2 mm (0.08 in) on both sides.

Install the locking collars onto the drive roll shaft. Do not move the drive roll when installing the locking collars. Tighten the lock collar in the direction of normal shaft rotation. When facing the left-hand side of the baler, normal shaft rotation is clockwise. Do not tighten the locking collar too much. Tighten the set screw. Make sure the drive roll (3) is still centered in the bale chamber.

Remove the hoist.

Remove the pipe that is holding the forming belts or install the forming belts.

Install the drive roll sprocket (1). See Gib Key Removal and Installation in General Service Procedures.

Install the drive roll chain. See the Roller Chains section for information on installing and correctly tightening the chains.