

FIG. 68: Remove the drive roller (1), and bearings from the front mount (2).

NOTE: It can be necessary to put a support against the front mount and drive the bearing assembly out. Use a hammer and punch against the 3/8-16 X 1 capscrew (3).

Remove the roller and bearing assembly from the header.

Remove the bearing retaining bolt and spring washer (4) from the drive roller.

Remove the silicone from the holes (5) in the drive roller.

Pry the bearings from the drive roller shaft. Use two prybars inserted into the holes in the drive roller.

NOTE: High strength retaining compound was used when the bearings were installed on the shaft. Removal can require heat.

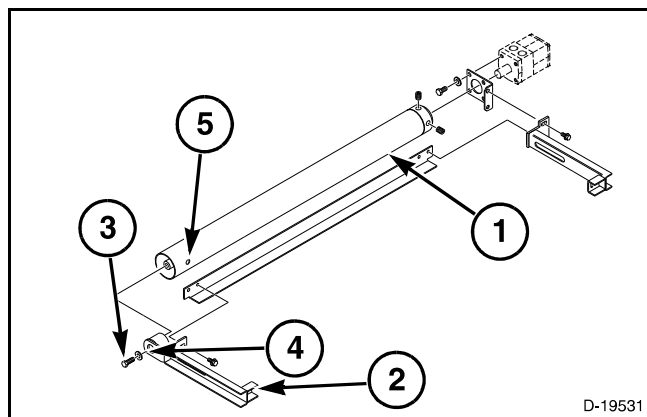


FIG. 68

Assembly

FIG. 69: Press the bearings (1) into the front mount (2).

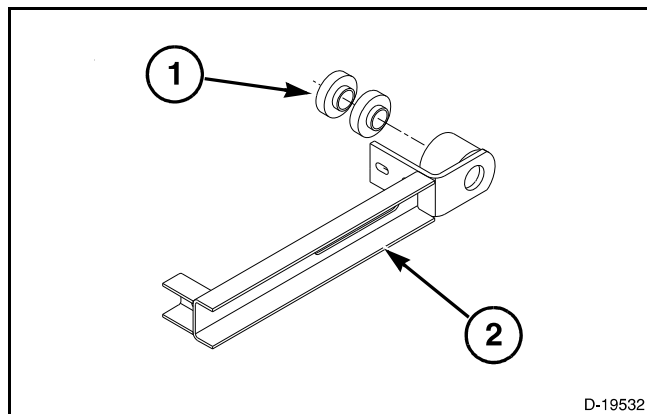


FIG. 69

FIG. 70: Apply Loctite® Primer N and Loctite® 680 to the bearing contact area on the shaft (1) in the drive roller.

Put the drive roller into position on the header. Slide the drive roller shaft into the bearings in the front mount (2).

Install the 3/8-16 x 1 capscrew (3) and spring washer (4). The convex side of the spring washer must be toward the bolt head. Tighten the retaining bolt to pull the drive roller shaft into the bearing assembly.

Be sure that the drive key is in the conveyor drive motor (5) shaft. Align the key in the shaft with the keyway in the canvas driver tube. Slide the motor with the mount weldment into the canvas driver tube.

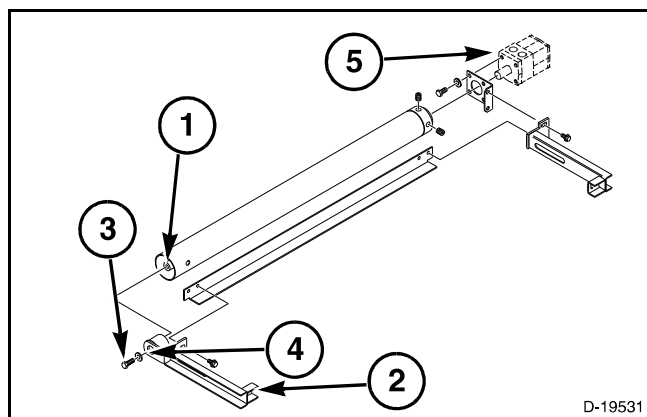


FIG. 70

Draper

FIG. 71: Install the conveyor motor (1) with the ports up and the shaft facing forward.

Install the two 3/8-16 X 3/4 inch hex washer head machine screws (1) holding the motor (2) with the mount weldment (3) to the canvas rear tightener weldment (4).

Adjust the motor so the key is fully engaged in the driver tube and tighten the two machine screws.

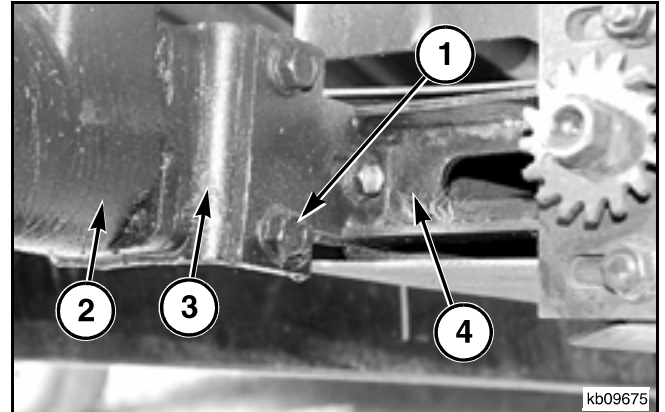


FIG. 71

FIG. 72: Tighten the two 1/2-20 X 3/4 inch cup point square head set screws (1) holding the motor shaft in the canvas driver roller. Tighten the set screw on the opposite side of the key first.

Check the roller alignment. See Roller Alignment in this section.

Close the bearing removal holes on the drive roller with silicone.

Fill the hole in the front mount around the bearing retaining bolt with silicone.

After the silicon has cured, install and tighten the draper.

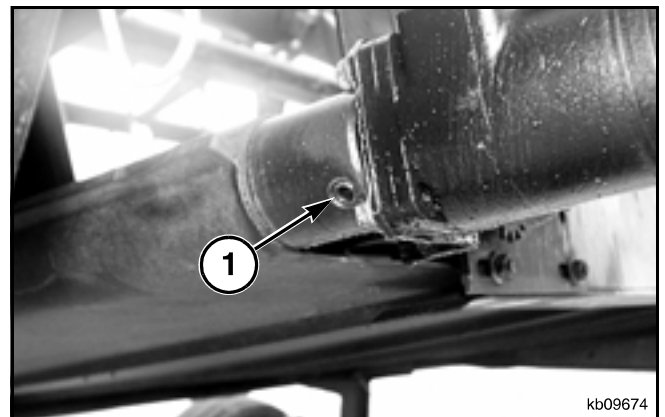


FIG. 72