

Honey Bee Manufacturing Ltd. P.O. Box 120 Frontier, Sask. SON 0W0 Phone (306) 296-2297 Fax (306) 296-2165 Email: <u>alton.norheim@honeybee.ca</u>

SERVICE BULLETIN

INFORMATION ONLY

Ref: SRV-020-004

Date: 6-25-20

Product: 200 Series AirFlex, SDX, and RDX Headers

Re: Torque on Bell-Crank Bearings

Problem: The bolts on the bell-crank bearings, Figure 1, may come loose during operation. These bolts need to be check before the start of every season.



Figure 1

- **Solution:** Before the start of the season the bell-crank bolts need to be checked to make certain that they maintain the 765 ft. lbs. of torque to maintain bearing life. To check the torque a torque multiplier should be used.
- If a torque multiplier is not available then a ³/₄" drive breaker bar and a 7-foot bar on the breaker bar will work. If you apply 110 lbs. of pull on the end of the bar, will torque the nut on the bell-crank to 765 ft. lbs. A longer bar will require less force and a shorter bar will require more. To determine the amount of force on the end of the bar divide 765 by the length from the center of the socket to the end of the bar. Figure 2



Figure 2

Note: Do not use any lubrication or LOCTITE on the threads of the bolt. The torque should be measured with dry threads. Lubrication will change the value of the torque.

Ordering Information: No Parts needed.

Labor Allowance: N/A

NOTE: