

SERVICE BULLETIN

MANDATORY

FIX ON FAILURE

INFORMATION ONLY

Ref: SRV-018-005

Date: 07-10-18

Product: AirFlex 200 Series and SDX Series

Re:

Problem: The telescoping PTO shafts that attach to the combine may bind and cause bearing failure and frame cracking. This has been caused by lubrication on the PTO shafts, with heads using the Cerjack PTO shaft.

Model year 2017 and Above (Black Headers)

- Both Left-Hand and Right-Hand combine drive shafts.
- The Knife Drive shaft. Shaft between the knife paddle and Right-Hand GT case

Model year 2016 and Below (Yellow Headers)

- The Right-Hand combine drive shaft
- The Knife Drive shaft. Shaft between the knife paddle and Right-Hand GT case

Solution: These shafts are designed without a grease fitting on the telescoping part of the shaft. Using a standard grease on the shaft will attract dirt and the dirt will cause the shaft to bind. If the face plate turns when the shaft is binding will cause the shaft to put pressure on the other drive line components.

In order to eliminate the binding, it is recommended to use a spray graphite lubricant on the male and female portion of the shaft.

The new lubrication decal has that recommendation. See Figure 1 and 2.

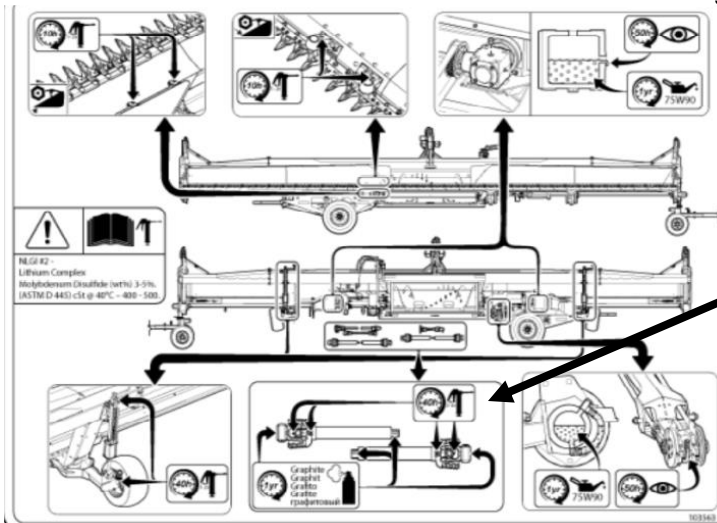


Figure 1

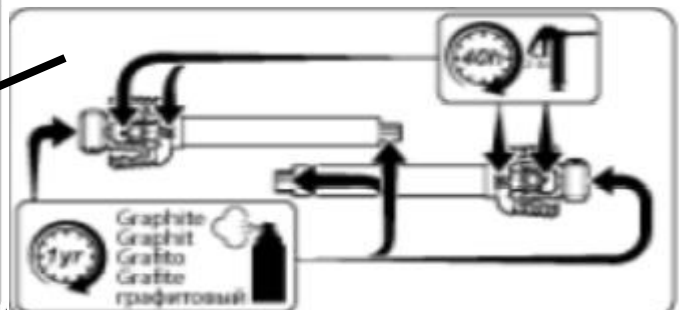


Figure 2

If you are seeing any grease on either the male or female portion of the shaft, the grease needs to be cleaned off before the graphite is applied. This graphite needs to be applied once a year at the beginning of the season. The graphite can be any type of spray. Anything with a grease base will collect dirt and cause binding.

- To lubricate the female section of the shaft, use a parts cleaner to make sure the inside tube of the section is clean. Then spray the graphite inside the tube. Figure 3.
- To lubricate the Male section of the PTO shaft. Remove the 5 screws on the underside for the bell shield, Figure 4. Remove the shield over the male part of the shaft, this will expose the male drive shaft. Figure 5
- Clean the grease and any rust off the male shaft. Spray graphite lubrication on the entire length of the male shaft.
- Lubricate both the PTO shaft splines and the splines on the jackshaft of the combine with the graphite. Make certain the lugs that retain the PTO to the jackshaft on the combine are also lubricated. Figure 6



Figure 3



Figure 4

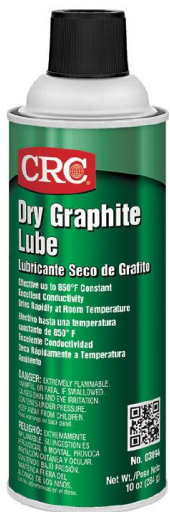


Figure 5



Figure 6

Any type of spray graphite will work. A popular brand is CRC Dry Graphite Lube, 10 wt. oz. and can be found in most farm stores.



Labor Allowance: N/A

NOTE: