



# TRAIL KING Industries, Inc.

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## TECHNICAL SERVICE BULLETIN

**DATE: 11/4/2019**

**TSB # TSB201901**

**RE: Plugging Grease Journal Holes In Stub Shafts**

**Model: OLB840**

**Model Years: 2017-2020**

**Production Build Dates: July 2017 – Sept 2019**

**We have identified that the stub shafts on the front idler on OLB840 trailers with the hydraulic tensioning for the live bottom belt have a portion of the grease journal that needs to be plugged to grease the front idler bearings correctly.**

**The repair will take 2 hours. Contact Trail King Material Hauling Customer Service for authorization for repair.**

**Material Hauling Customer Service can be reached at 1-800-762-5557**

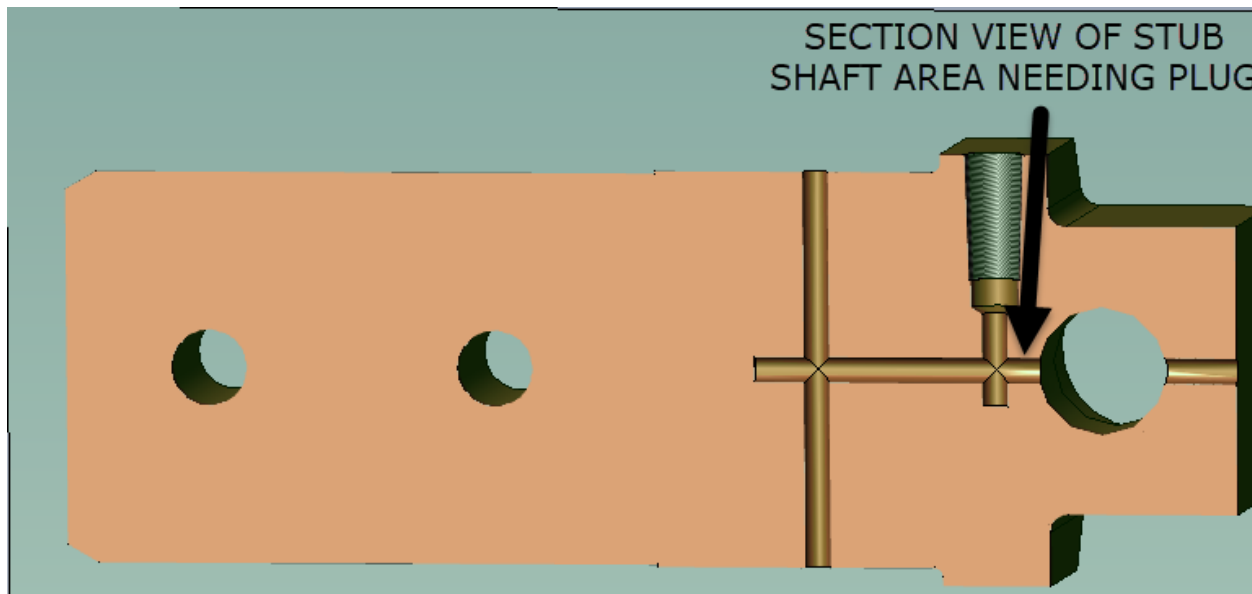
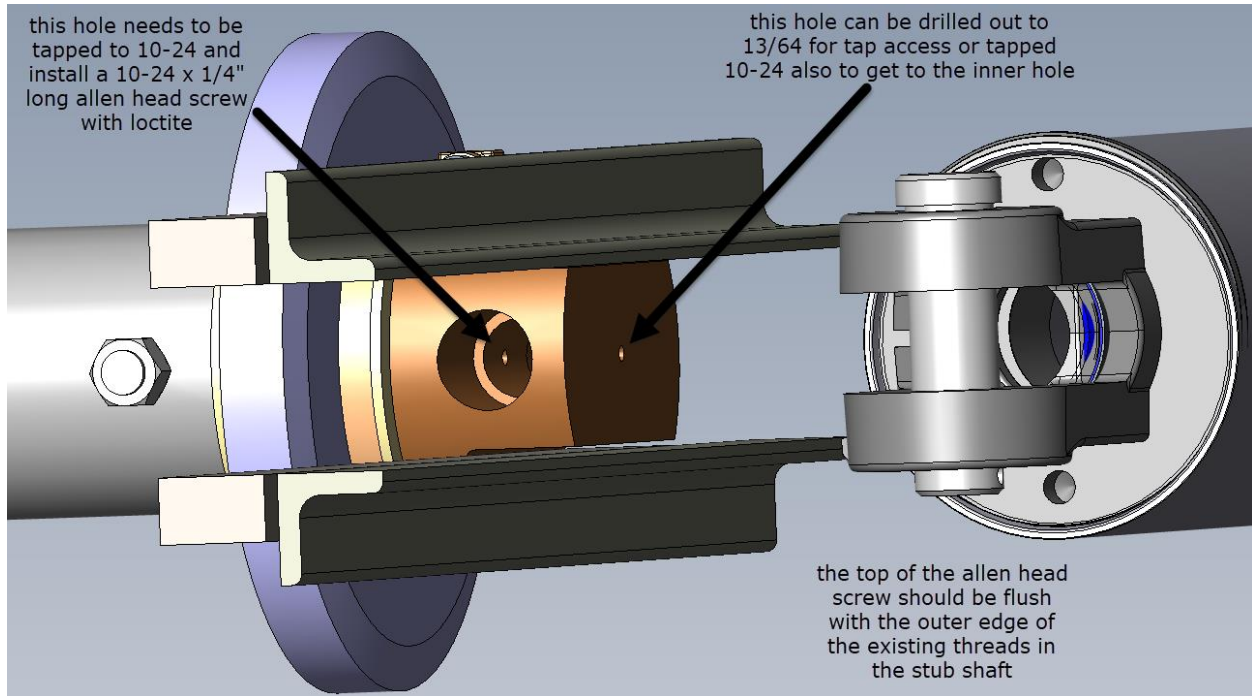
**Please see the Technical Service Bulletin attached for the instructions for the repair.**

**Ty Hanten**

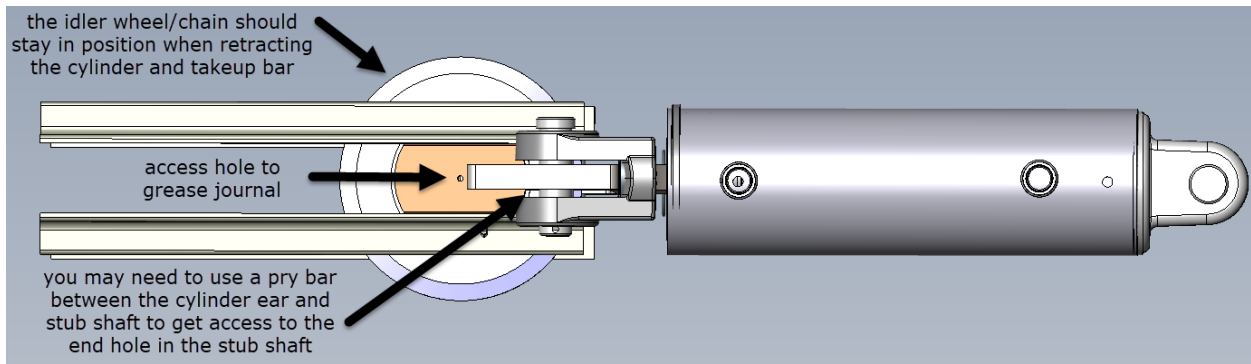
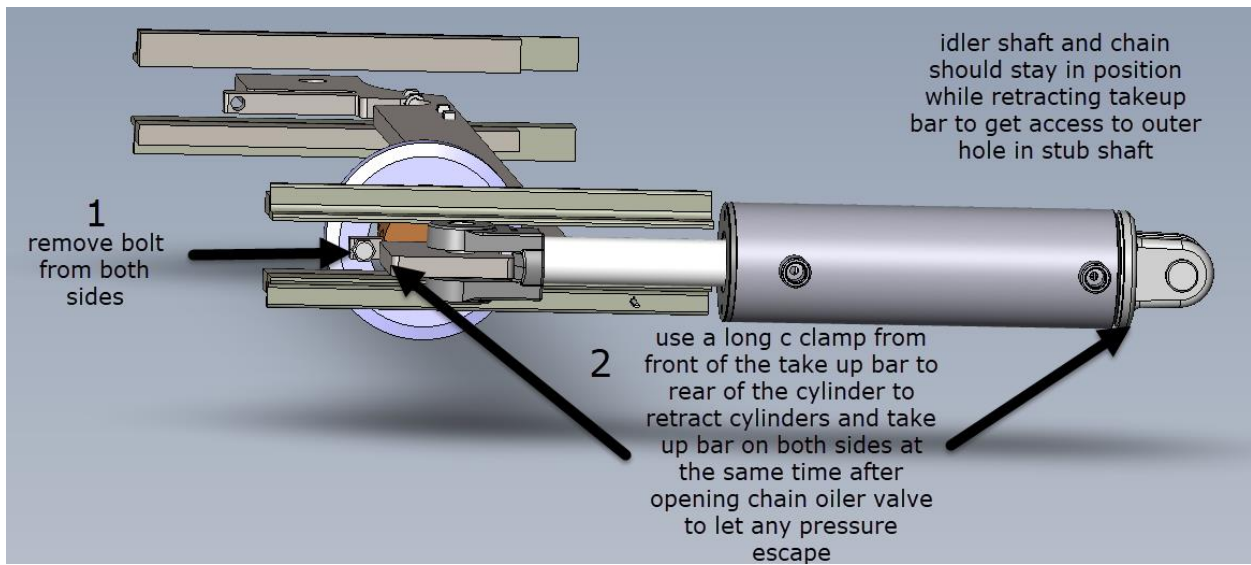
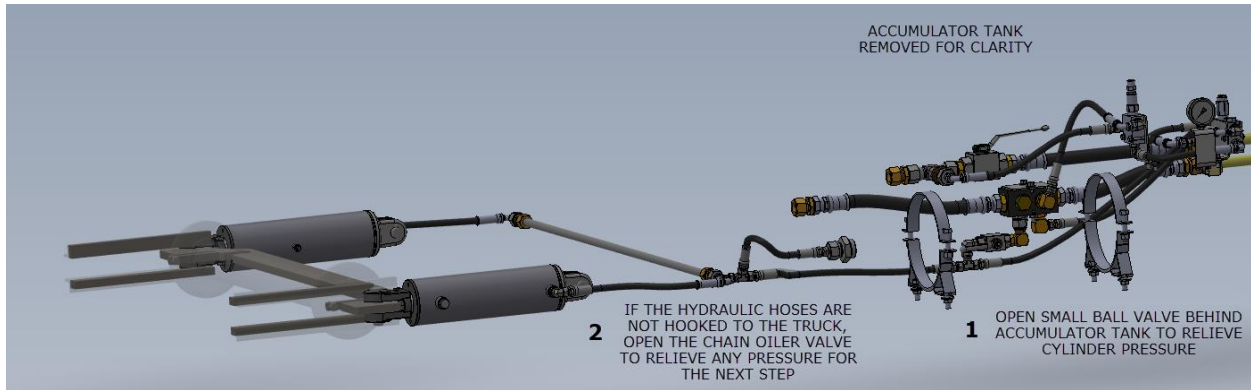
**Director of Quality  
Trail King Industries Inc.  
Mitchell, SD 57301**

## PLUGGING A GREASE JOURNAL HOLE ON OLB STUB SHAFTS AUTO TENSIONING ONLY

BELOW ARE THE INSTRUCTIONS TO PLUG INNER HOLES ON THE FRONT IDLER  
STUB SHAFTS



# OLB840 Plugging Grease Journal Holes



AS NOTED IN THE 1<sup>ST</sup> PIC, THE 10-24 X 1/4" LONG ALLEN HEAD SET SCREW SHOULD BE INSTALLED WITH LOCTITE AND SCREWED IN SO IT IS FLUSH WITH THE EXISTING THREADS IN THE STUB SHAFT BUT NO FARTHER SO NOT TO BLOCK GREASE PASSAGE TO THE IDLER BEARING

## OLB840 Plugging Grease Journal Holes

- 1.) After installing plug, engage truck PTO. Allow hydraulic system to circulate for 1 minute to allow any air to drain from system. *(Do not operate conveyor at this time)*
- 2.) With truck PTO still engaged close the small ball valve behind the accumulator tank.
- 3.) Slowly close the large ball valve above the accumulator tank until the in line pressure gauge at the front drivers side of the trailer reaches 2000psi. Hold valve at this position for 5 seconds then reopen large ball valve. Reinstall bolt at ends of take up shaft