



Model: 500/750T Serial #: All	Jun. 8, 2020
Product Bulletin # TDS-221 v 1.0	

Blower Support Arm Installation Procedure

The 500/750 ton Top Drive Parts Manual has been updated to include the installation procedure for the blower support arm assembly (Canrig P/N: AY23643).

Installation procedure for above mentioned models is attached to this product bulletin for reference.

Affected Models

- Canrig 500/750T Top Drives.

Contact RIGLINE 24/7™ for additional information.

Blower Support Arm Assembly (AY23643) Installation Procedure

Procedure

1. Prior to installing the blower support arm assembly, ensure the top drive is in a vertical orientation and that the blower motor mount is parallel to the ground. Verifying whether the surface is level by placing a level tool on the blower motor mount as shown in Figure 4.7.

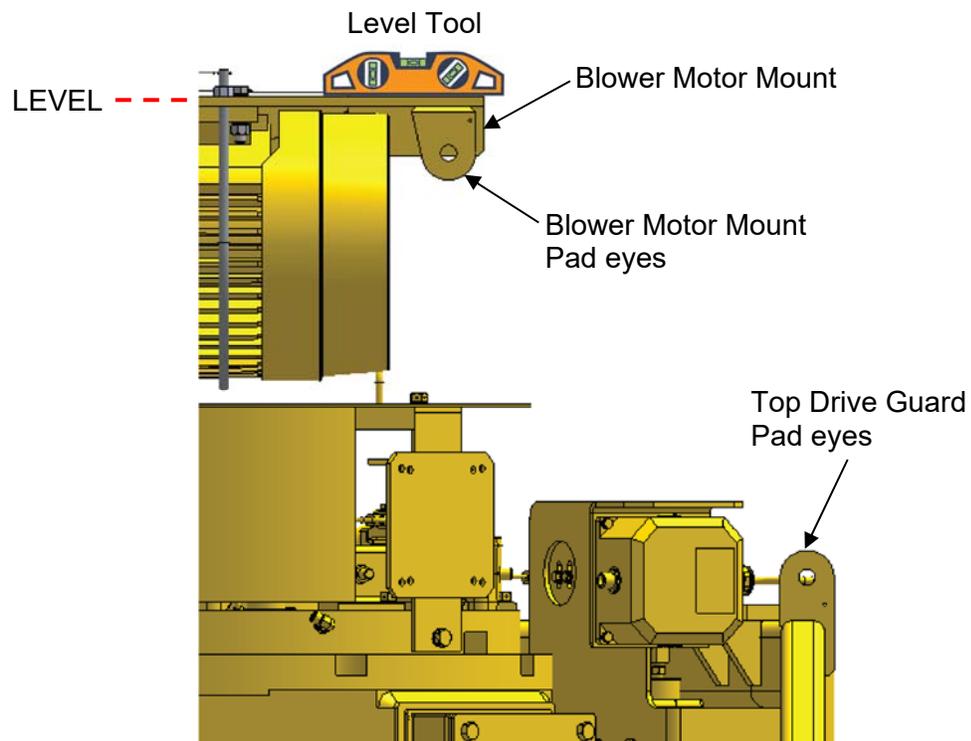


Figure: 4.7 Top Drive in Vertical Orientation

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2. After verifying the two conditions specified in Step 1, attach the main body of the arm to the blower motor mount pad eye using the blower support arm pin, as shown in Figure 4.8.

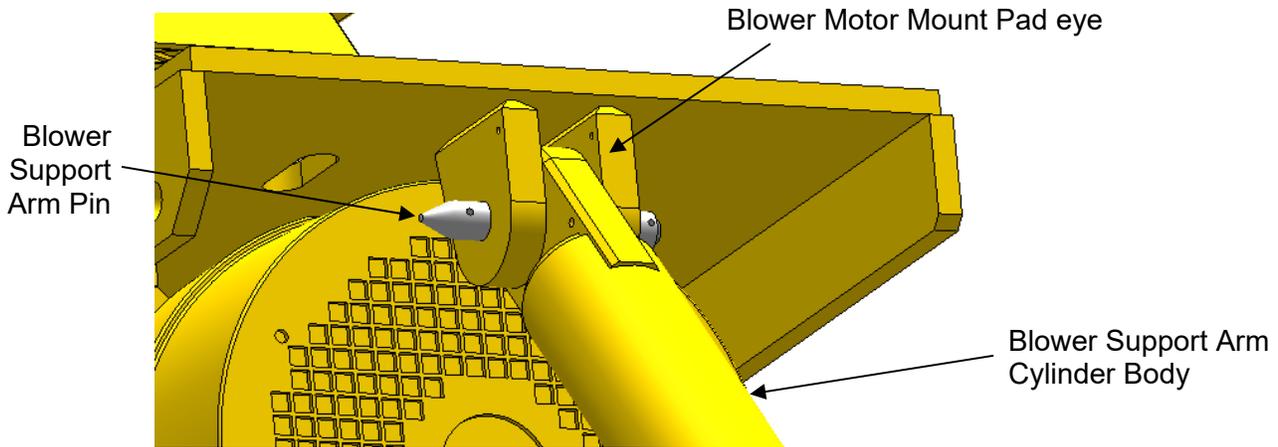


Figure: 4.8 Aligning the blower support arm

3. Install the safety pin through the hole in the blower support arm pin for retention as shown in Figure 4.9.

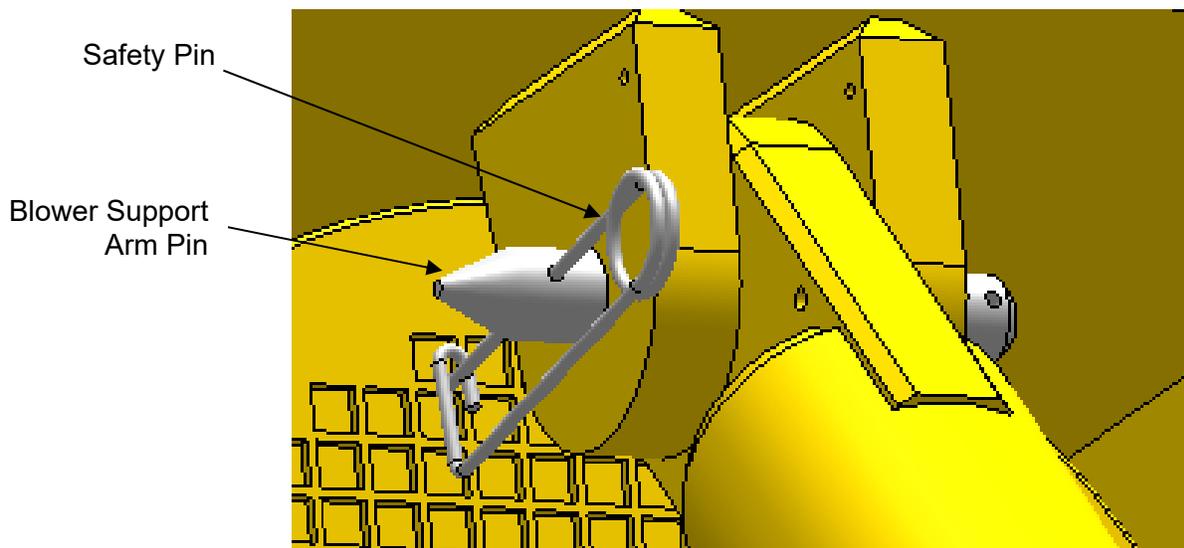


Figure: 4.9 Installing the safety pin

Subsection 4A: Maintenance

4. Prior to threading the blower support arm adjustable lug on the blower support arm cylinder body, thread the 1 ½-6UNC jam nut approximately ¼ of the way up the thread on the blower support arm adjustable lug and slide the 1 ½" NordLock washer down on the nut as shown in Figure 4.10.

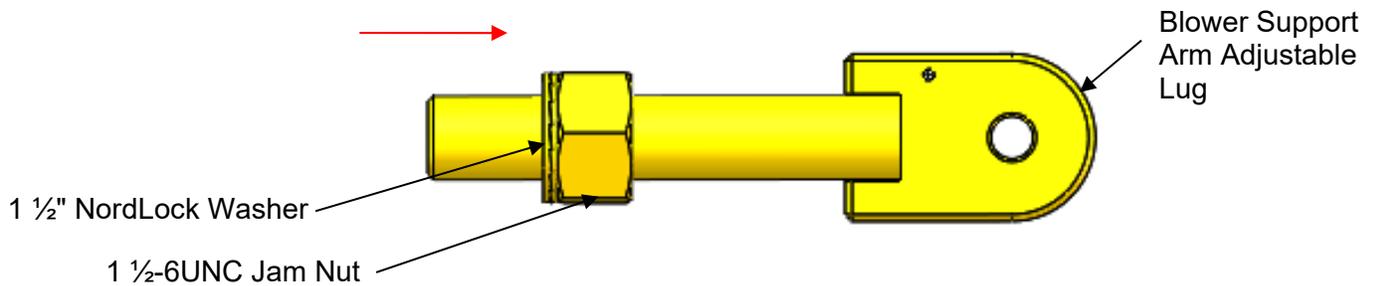


Figure: 4.10 Threading the jam nut

5. Measure the approximate distance between the lugs on motor guard using a tape measure. Screw in the adjustable lug onto the main body until the distance between the lugs are the same as the measurement taken. See Figure 4.11.

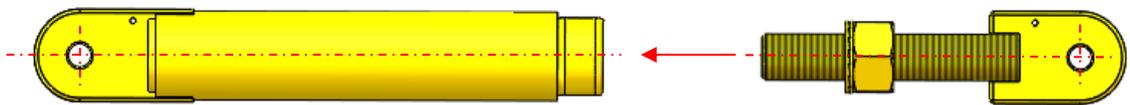


Figure: 4.11 Threading the blower support arm adjustable

6. Install the lower lug onto the top drive pad eye as shown in Figure 4.12.
(Note: If pad eye holes do not align, screw-in or screw-out the blower support arm adjustable lug until the pad eye holes between both align.)

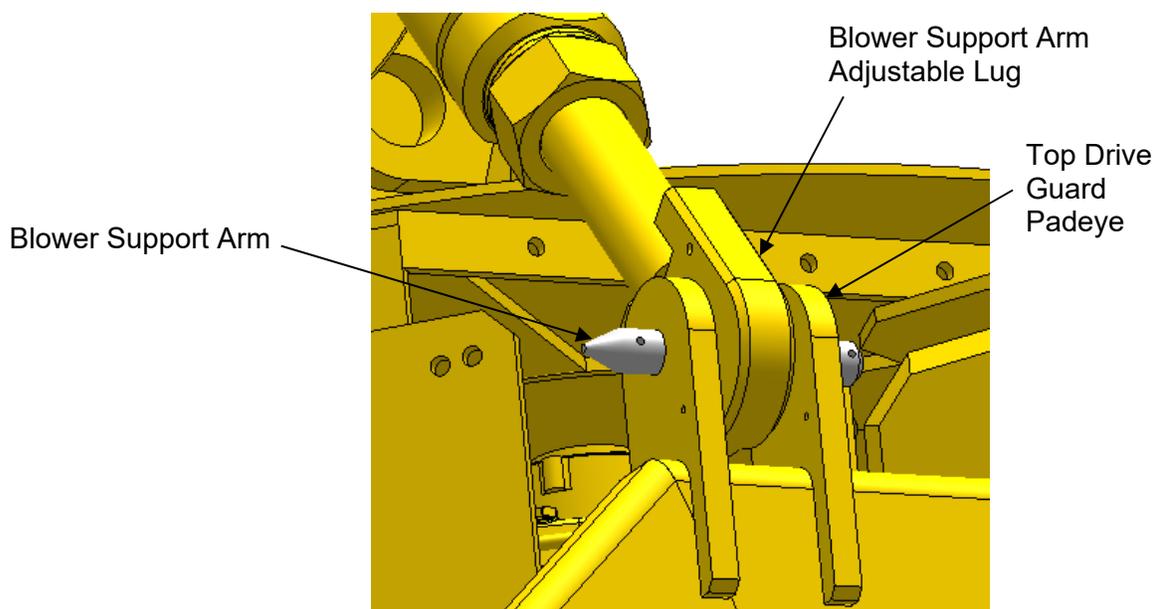


Figure: 4.12 Aligning blower support arm

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7. After the blower support arm pin has been installed between the blower adjustable arm lug and the top drive guard pad eyes, ensure the pin on the top end of the blower support arm assembly is supporting the blower motor mount and ensure the blower motor mount is level.
8. Install the safety pin in the hole in the blower support arm pin for retention as shown in Figure 4.13.

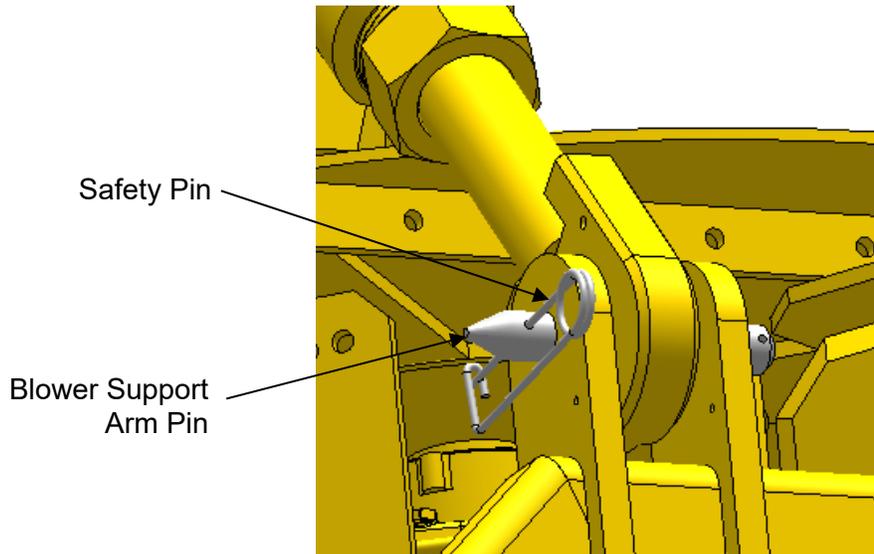


Figure: 4.13 Installing the safety pin

9. Tighten the 1 1/2-6UNC jam nut to the blower support cylinder body to lock in the length of the blower support arm adjustable lug.

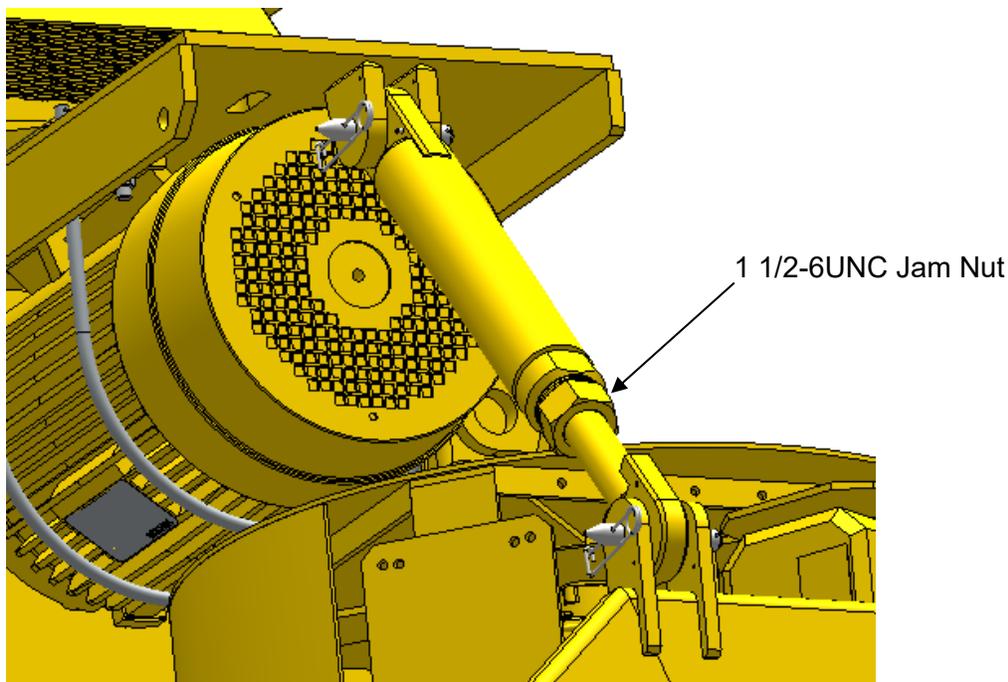


Figure: 4.14 Tightening the jam nut

Subsection 4A: Maintenance

- Secure each end of the blower support arm by looping the 1/8" wire rope through the top drive guard pad eye and crimp the ferrules as shown in Figure 4.15.
(**Note:** Ensure the 1/16" safety wire is looped through the 1/8" safety wire.)

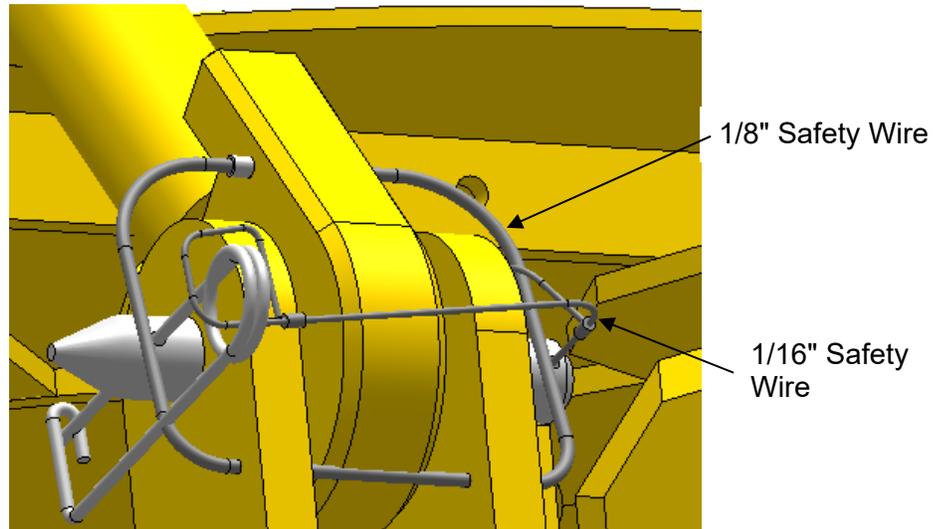


Figure: 4.15 Routing safety wire