



2200 BALEHIKER TRAINING

Module 2: Motor Pressure Adjustment

PURPOSE

- The purpose of this document is to set/adjust the pressure of the drive motors on the 2200 Bale Hiker. This adjustment should only be done if the drive chains have already been synched and timed per **“2200 Bale Hiker Drive Chain Synchronization Module”** and there is still noise/chatter occurring.

STEP 1

- With the tractor or power source turned off you will need to remove and cap the pressure line going into one of the drive motors.
- This is important so that you check the pressure of one motor at a time, and make adjustments as necessary.
- **NOTE:** You will need to cap the line as well as the motor.

STEP 2

- You will need to install an inline pressure gauge between the tractor and the main pressure line going to the push bars.
- Refer to the picture on the right

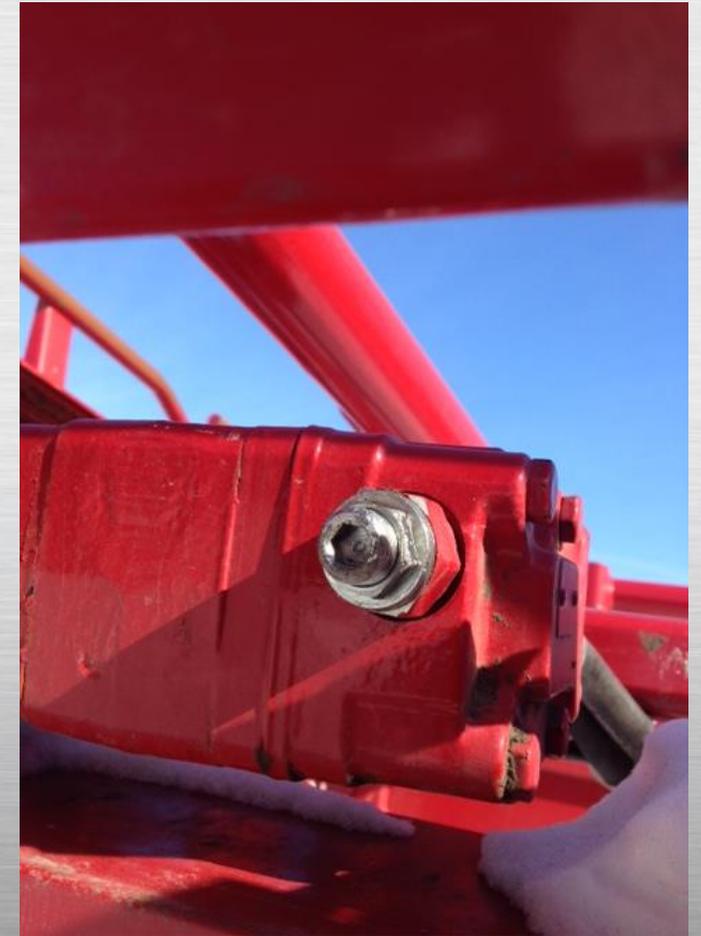
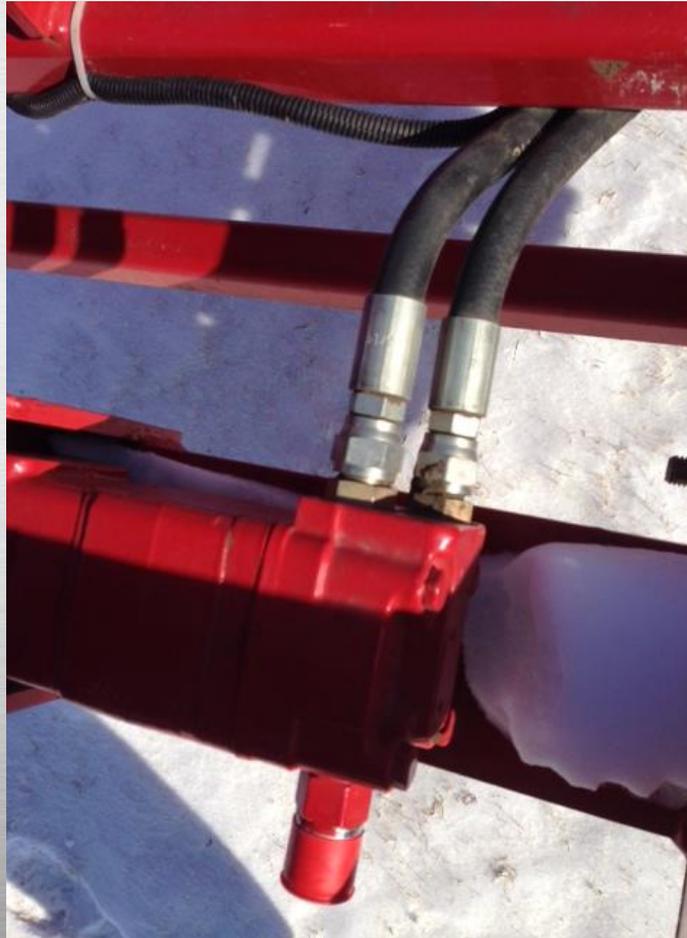


STEP 3

- With your tractor running engage the push bar remote and note the pressure on the inline gauge, **it should be approximately 3000psi.**

STEP 4

- At the rear of the machine you will remove the protective cap and loosen the collar nut on the adjustment screw with a $\frac{3}{4}$ " wrench.
- With a $\frac{5}{16}$ " Allen wrench you will back out the adjustment screw one complete turn and then go back and complete step 3 (See pictures on the right).



STEP 4

- The goal is to set the pressure in the 2500-2700 psi range.
- Repeat Step 4 until desired PSI is reached.
- NOTE: Backing the adjustment screw out will lower the pressure and turning it in will raise the pressure.

STEP 5

- After desired PSI is reached you will reconnect the disconnected/capped motor and repeat steps 1-4 on the opposite side.

STEP 6

- The goal is to get the pressures as close to the same as possible in the 2500-2700 PSI range, meaning if the left motor is set at 2500 PSI then the right motor should be set at 2500 PSI as well.
- This will help keep the chains in time and prevent one motor from pulling more than the other, which could cause a binding situation and possible damage.

PROAG
Morris



MORRIS

We hear you.