

# TECH TIPS

Service Call:

## **Adjusting the boom extend chains**

Tools Needed:

Tape measure  
1 7/16" wrench  
Vise grips  
Ladder

Model:

**6K, 8k & Rev 3 10K**



## Tech Tips Safety Rules



### **Danger**

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

### **Do Not Perform Maintenance Unless:**

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
  - manufacturer's instructions and safety rules
  - employer's safety rules and worksite regulations
  - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

## Step 1

Rev three 10K

Two frame level cylinders



## Step 2

Rev Four 10 K

One frame level cylinders



## Step 3

636 through Rev 3 10K

1. Park the machine on flat level ground and set the parking brake.
2. Fully extend the boom and then retract the boom approximately 1 inch.
3. Lower the boom until the the forks are just about touching the ground and shut the machine down.



## Step 4

636 through Rev 3 10K

Note: Use a ladder to access the boom chains.

1. Take a measurement from the bottom of the boom chain to the top of the boom section just behind the chain roller at the front of the boom section.  
You will have to measure each chain.

Note: 636 has 1 chain to adjust  
644 -- 844 has 2 chains to adjust  
1048 has 2 chains to adjust  
1056 has 4 chains to adjust



## Step 5

636 through Rev 3 10K

1. Take a measurement from the bottom of the boom chain to the top of the boom section at the middle of the boom section ( where the most sag is in the boom chain). You will have to measure each chain.



## Step 6

636 through Rev 3 10K

1. Tighten the 1 7/16 nylock nut on the boom chain adjuster until the difference between the two measurements, taken in steps 4 and 5, are approximately 3/8 of an inch. If you cannot achieve the correct measurement all boom chains will have to be replaced.

Note: You will need to use vise grips to keep the chain from twisting while making the adjustments.

Note: Make sure the measurements are the same for each set of chains on each boom section.

