

A green Summit LX85 compact loader is parked in a grassy field. The loader has a large front bucket and a rear-mounted backhoe. The background is a dense forest of green trees. The image is overlaid with a semi-transparent dark green filter.

# Adjusting Set Screw on Loader

# Getting Started



## TOOLS:

Allen Hex key :  
3mm



## PARTS:

No parts required



## REQUIRED:

N/A



## TIME OF REPAIR:

10 mins

## Step 1: Loader Joystick Cable

Identify the plastic covers over the loader cables.



These plastic covers can be turned out by moving counterclockwise

Remove the set-screw using allen hex key 3mm

# Installing Control Cable



Cable NOT  
inserted far  
enough



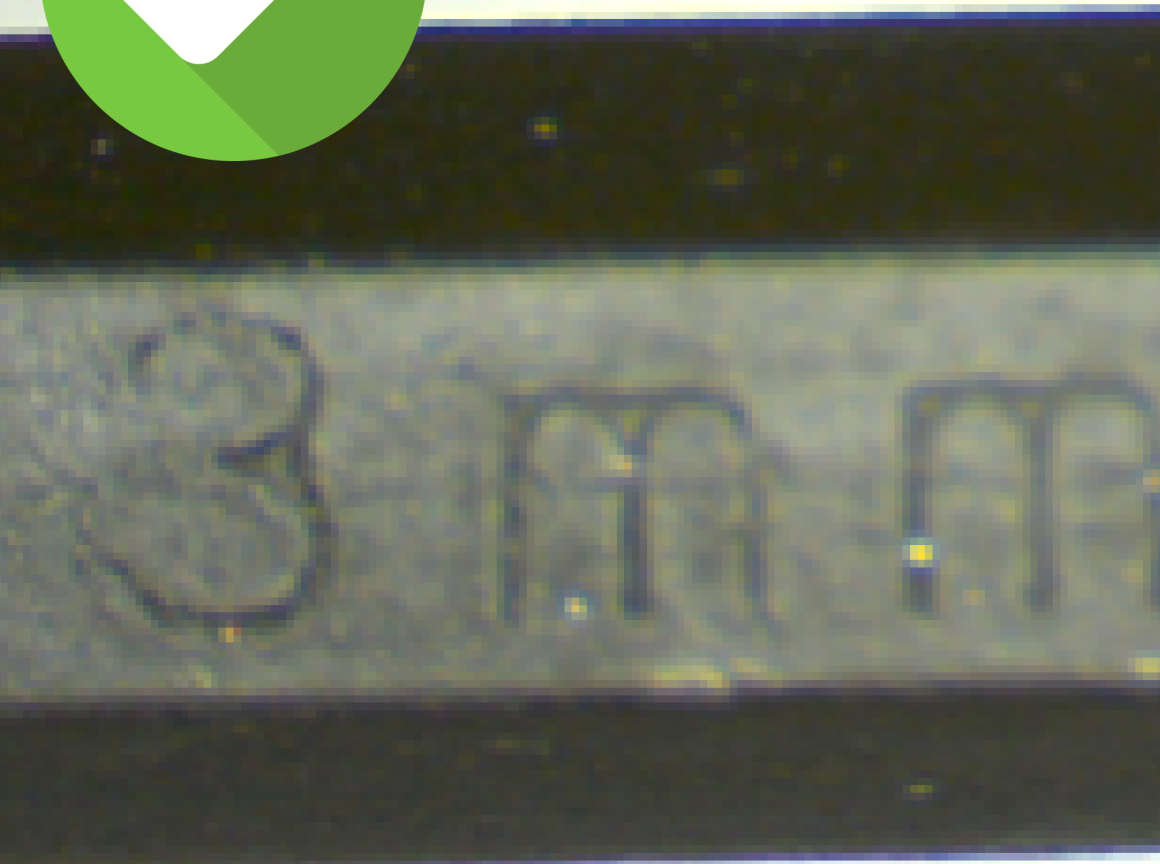
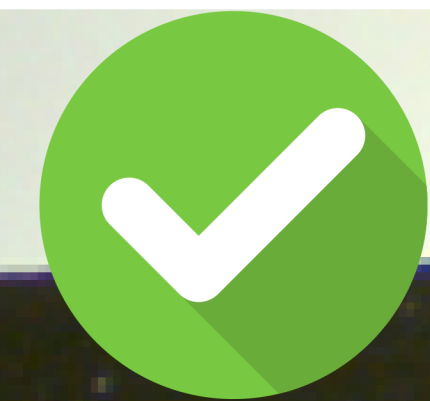
Cable inserted  
too far



Cable inserted  
properly

**Incorrect installation can lead to damage to the cable by the set screw. The set screw is pointed and designed to engage both walls of the groove in the cable. Secure to  $9\text{Nm} \pm 1\text{Nm.s}$ )**

# Other Potential Causes of Loose Set Screws



## Incorrect Size Allen Key

- The print specs for this set screw shows a 3mm hex. It is very important that a 3mm Allen key be used, a 7/64" Allen key will fit the set screw **HOWEVER**, this will slip before securing the set screw to the correct torque.
- The same logic applies to a worn 3mm Allen key

## Incorrect Tightening Torque

- TORQUE VALUE =  $9\text{Nm} \pm 1\text{Nm}$
- Under tightening will not hold
- Over tightening will lead to deformation of set screw and control cable



- Properly tighten the set screw using the allen hex key
- Place plastic cover back-on
- Check for loader performance
- Adjust again if necessary

