

TECH TIPS

Service Call:

Genie S-60 Boom Cable Adjustment Inspection

Tools Needed:

Tools required if adjustment is required:

7/16 Wrench
1 1/16 Deep Socket or Crows Foot
Torque Wrench

Model:

S-60/65 after SN9153



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

Raise the Boom to approximately 45 degrees.
Operating from the ground controls Extend the Boom approximately 3 feet.
Using the rabbit speed Extend the Boom and immediately Retract the Boom. If the chain adjuster (pictured) at the bottom of the Boom moves the Boom Cables require adjustment.



Step 2

Adjust the Boom Cables as outlined in the Genie Service Manual Part Number 77828.

Brief Explanation:

Raise the boom to 0 degrees Horizontal.
Remove the rear boom cover.
Inspect the threads on the exposed end of the adjuster on both extend cables. There should be approximately 1.5 inches of threads exposed. Adjust the nylock nuts if necessary.

Step 3

Extend the boom approximately 3 feet and stop while extending. Locate the adjustment nut on retract cable adjuster at the bottom of # 1 boom. Using the torque wrench adjust the nut to 32/36 ft lbs / 43/49 Nm using gentle and steady torque.



Step 4

Retract and Extend the boom approximately 3 feet two times and stop during the extension cycle, complete step 3 two to three times. This will ensure proper torque.

Step 5

At the boom pivot end visually inspect the boom extend cables for droop. If the boom extend cables are uneven tighten the appropriate cable to make the droop even. Visually inspect the cable break limit switch to assure the arm is centered in the notch of the pivot plate.

Replace the rear cover. If the cables are replaced do not reuse the nylock nuts. Reapply seal lock to any nuts adjusted.

If you require further assistance please contact Genie Industries @ 1-800-536-1800.

Step 6