

TECH TIPS

Service Call:

**Howling/noisy boom extend cylinder
on S40/45, S60/65, S80/85**

Tools Needed:

Genie P/N 54375 (1U-9891)
7/16" combination wrench
1 1/16" socket
1/2" drive ratchet

Model:

S40/45, S60/65



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

Identify the howling/noisy cylinder. Typically the symptom will occur during the boom extend or retract function.



Step 2

S40/45 and S60/65- Add 1 or 2 quarts of oil additive, Genie P/ N 54375 (Cat P/N 1U-9891), to the hydraulic reservoir.

Exercise the extend and retract function through the entire range of motion for 5-10 complete cycles.

Observe the cylinder for the howling/noise symptom. If the symptom still occurs, proceed to Step 3.



Step 3

S60- Tighten the extend and retract cables per the Service Manual.

S40/45 and S60/65- If the symptom still exists, consult the Genie Industries Service Department at 1-800-536-1800 for further instructions regarding wear pads and oil alternatives.

Step 4

4-5

Boom Extend/Retract Cables

How to Adjust the Boom Extend/Retract Cables

The boom extend/retract cables are responsible for the extension and retraction of the number 3 boom tube. Proper adjustment of the boom extend/retract cables and related components on a regular basis is essential to good machine performance and safe machine operation. The boom extend and retract functions should operate smoothly and be free of hesitation, jerking and unusual noise.

Note: Perform this procedure with the boom in a horizontal position.

- 1 Fully retract the boom.
- 2 **S-60, S-65, S-60 TRAX and S-65 TRAX:**
Remove the boom end cover retaining fasteners and remove the cover.