

Boom Bounce During Lowering Adjustment

Tools Needed:

10mm combination wrench
13mm combination wrench
Digital caliper
Boom stand or cylinder chock (rated for the machine)
Wheel chocks
PPE (Safety Glasses and Gloves)

Model:

GTH-5519, GTH-2506, GTH-3007
all serial numbers

Genie
A TEREX BRAND

TECH-PROTM

SERVICE AND TECHNICAL TRAINING

TECH-TIP

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.

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Step 1

Perform this procedure on a firm, level surface with the boom in the stowed position and the wheels chocked.

Raise the boom completely. Engage the parking brake, turn off the engine, and tag out the machine to prevent inadvertent operation.



Step 2

Install wheel chocks and boom support or cylinder chock.



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Step 3

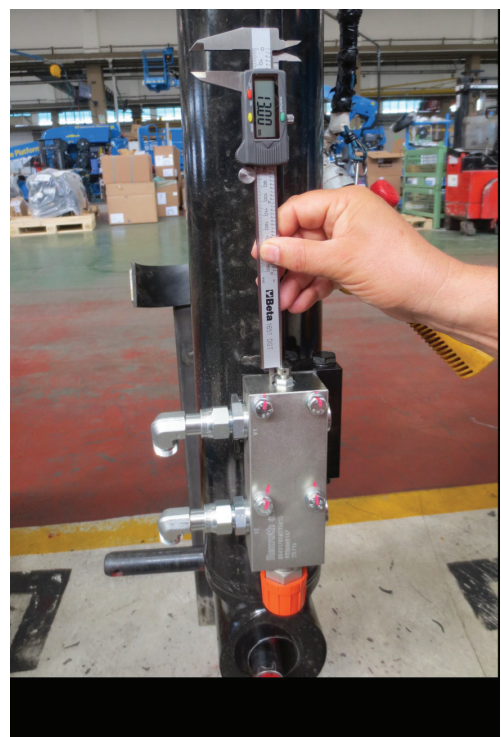
Using the illustrations at right as a guide, locate the lifting cylinder safety valve positioned at the bottom of the cylinder.



Step 4

Using a digital caliper and the illustrations at right as a guide, make sure that the distance between the valve surface and the top of the screws is about 13mm.

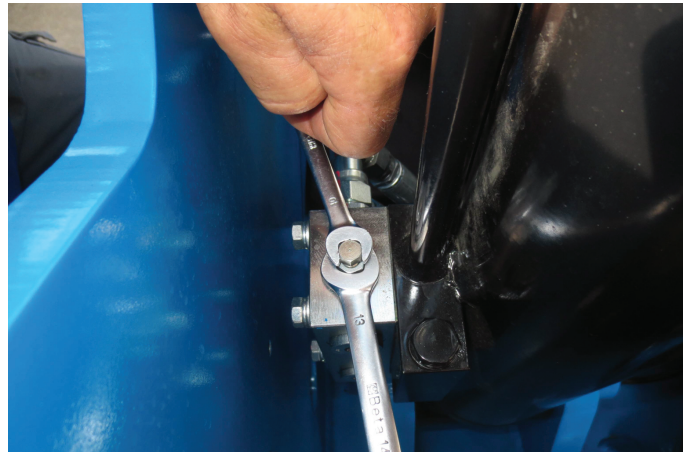
NOTE: if the distance corresponds to the given measure the boom should work properly, if this is not the case proceed to the next step.



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Step 5

Using the illustrations at right as a guide, a 10mm and a 13mm combination wrenches, tighten the adjusting screw that is on the top of the safety valve approximately 1/4 turn at a time until the boom works properly.



Step 6

Perform the function tests. Refer to the Operator's Manual on your machine.

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Step 7

Return the machine to service.