

# TECH TIPS

Service Call:

**TZ34/20 boom won't come down**

Tools Needed:

11/16 & 3/4 open end wrench

Model:

**TZ34/20**



## 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:**

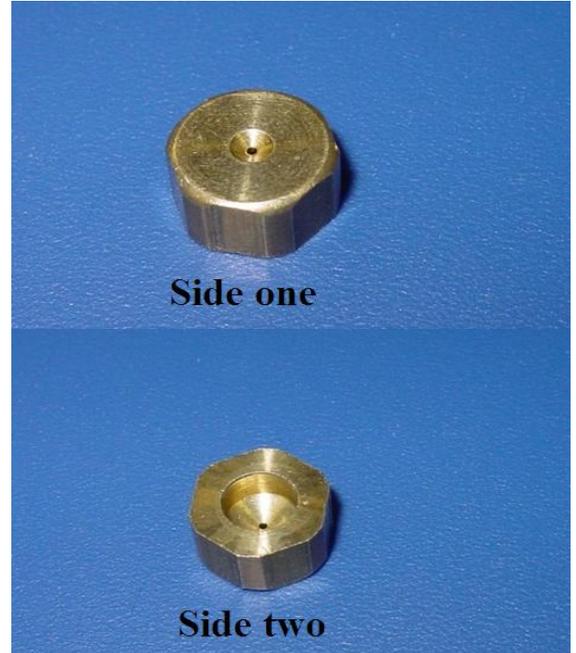
- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
  - manufacturer's instructions and safety rules
  - employer's safety rules and worksite regulations
  - applicable governmental regulations
- You have the appropriate tools, lifting equipment and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

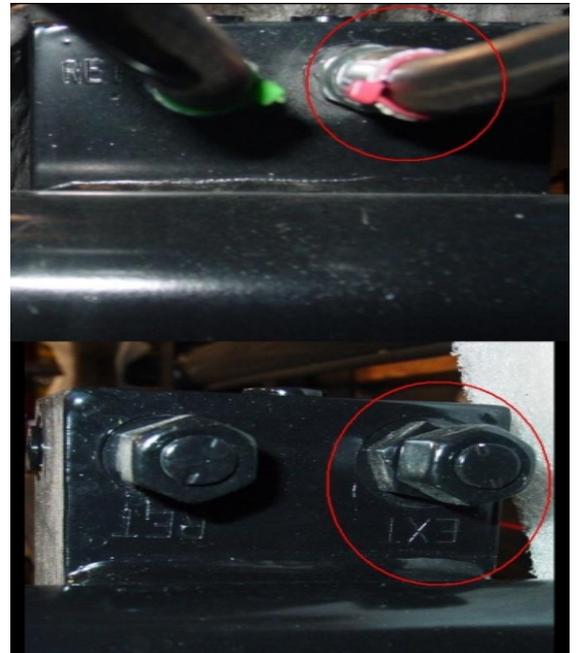
• Warning:  
Safe work practice recommends, that prior to disconnecting any of the booms' hydraulic hoses, some method of support be placed beneath the boom.

If either the primary or secondary boom will not come down, but everything else works fine, this can be caused by debris lodged in the orifice of the check valve (part #76596, image at right). This check valve is located in the valve manifold attached to the booms' hydraulic cylinders.



## Step 2

This is located under the fitting where the extension hose is attached on that valve body, there is an E or EXT stamped into the metal next to the hose entry port.

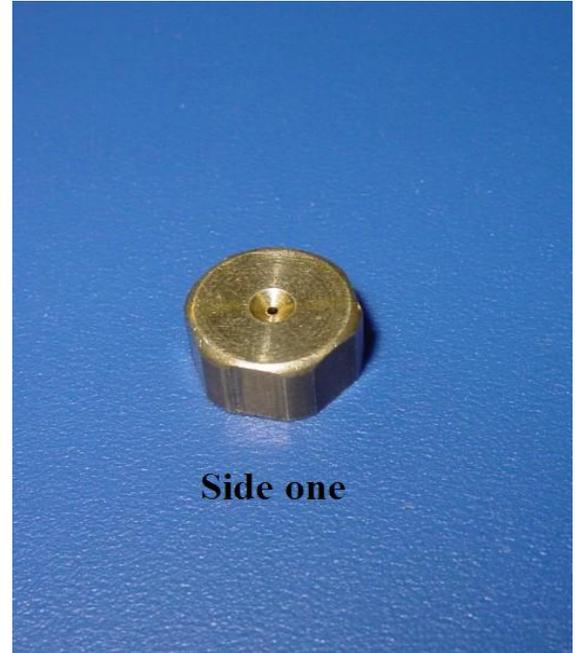


## Step 3

Remove the hydraulic hose and the fitting it attaches to, on the hydraulic cylinders valve body. The check valve should drop out. If it fails to come out easily on its own, it can be forced out and caught in a rag cupped to the port, by pressing the down function button and giving that particular booms pushbutton a quick tap.

Remove and clean the orifice in this check valve, and re-install it with the flat face, side one, towards the hose.

If you require further assistance, please call Genie 360 at 1-800-536-1800.



## Step 4