

TECH TIPS

Service Call:

Brakes will not release, unit will not drive. Checking the brake pressure switch.

Tools Needed:

Volt Meter, 7/16 wrench, Hydraulic gauge 0-3000 psi.

Model:

Z30/20 s/n3447-4082



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.

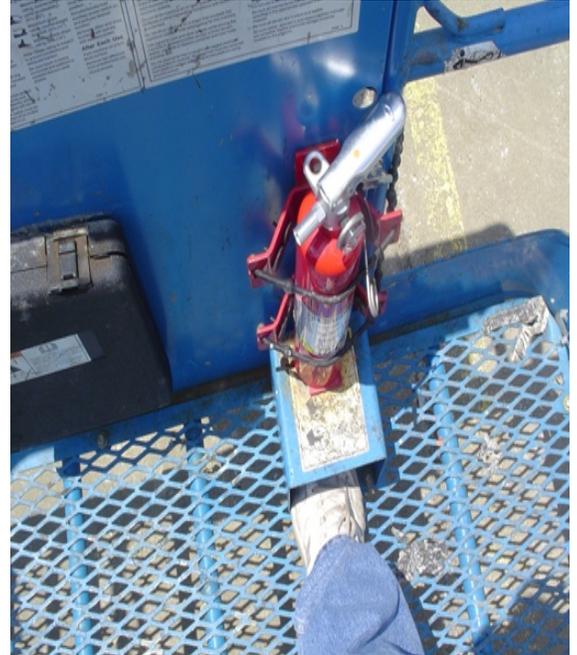
Do Not Perform Maintenance Unless:

- 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.

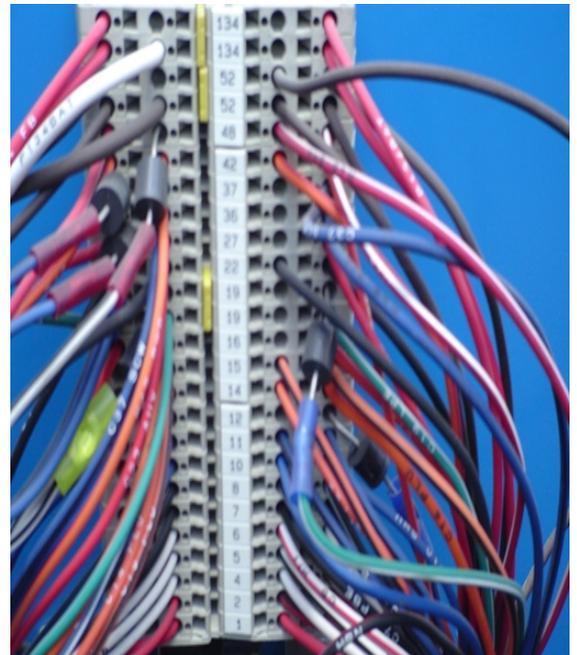
Step 1

Jack drive wheels off the ground and secure. Make sure platform is between the non-steer wheels. Step on foot switch and stroke drive controller in either direction.



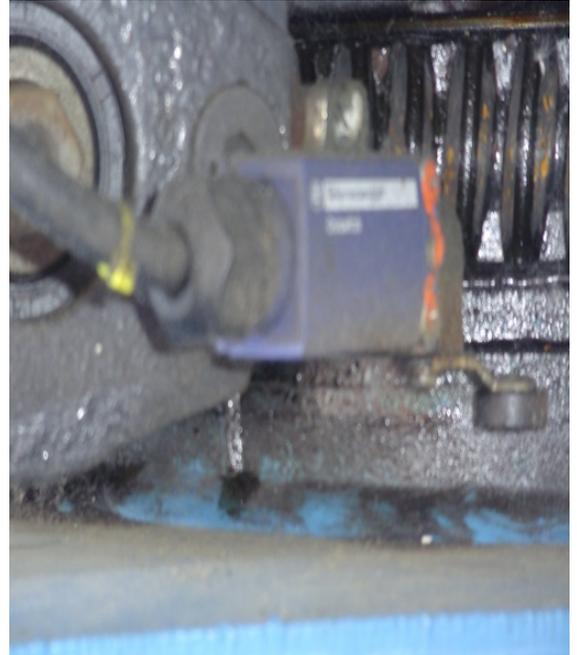
Step 2

Listen for drive alarm. If you hear the drive alarm sounding use the thumb rocker and activate steer. Does the unit drive? Go to step four if the unit drives. If no travel alarm check alarm for being operational. If alarm is good check TB16 for 24 vdc. If voltage present at TB16 check voltage at TB48. If no voltage at TB48 check CR5 Relay at ground controls. If voltage is present at TB48 check TB19. If no voltage at TB19 go to step 4. If no voltage at TB16 check for voltage at TB12. Go to step three.



Step 3

If you have 24 vdc on TB12 check drive enable limit switch. If no voltage at TB12 check power from foot switch.



Step 4

Check for 24 vdc on both sides of 1200 psi pressure switch. When stepping on foot switch and stroking controller. If no voltage on both sides of switch then verify that you have 1200 psi on test port G1, replace switch if pressure reading is correct. If pressure is low or does not maintain troubleshoot hydraulic brake circuit.

If more diagnosis is needed contact the Genie Service Department at 1-800-536-1800

