

TECH TIPS

Service Call:

One Light Not Working

Tools Needed:

Screwdriver
2-7/16 wrenches

Model:

AL- Light Towers



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: Before testing, switch breakers off and shut engine down. Breakers from left to right are 1-2-3-4.

Looking at the lights from the glass side, #1 light is at top left, # 2 light is at bottom left, #3 light is at top right and # 4 light is at bottom right. Plug lights into receptacles at junction box with matching numbers of the fixture. Proceed to step 2.



Step 2

Check to insure each ballast numerically is plugged in correctly and making solid contact.

Determine which lamp numerically is not striking.

The problem most likely is the lamp or ballast.

Proceed to step 3.



Step 3

If for example the # 1 lamp is not striking, shut engine down and switch breakers off. Cross the cords from # 1 and # 2 ballast. Crank the engine, and switch # 1 breaker on. If # 1 light strikes the ballast, then part #114355 has failed. Shut engine down and switch breakers off. Cross ballast cords back to numerical match. Replace the ballast and return the unit to service. If the problem still exists, proceed to step 4.



Step 4

Switch # 1 breaker off and shut engine down. Now cross the cords from # 1 and # 2 light fixture at the junction box. Start engine, switch # 1 breaker on. If the light strikes, the problem is related to the light fixture. This is most likely the lamp (part # 160071).

If you need further assistance, call Genie 360 Service
1-800-536-1800

