

Dartron

**Issuing Entity:
Dartron Industries, Inc**

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Supercedes: N/A

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SAFETY BULLETIN

Ride Manufacturer: Dartron Industries, Inc.	Affected Production Dates: 2006
Ride Name: Zero Gravity	Affected Serial #'s: 0510031-5R, 0510312-5R,
Model # Portable	0511213-5R, 0601094-5R & 0602065-5R

Abstract of Issue: Dartron has discovered that it is possible to over-tighten the strobe lights attaching bolts and strip their threads. If the threads are stripped the possibility exists that the strobe light cover or the light could fall off during operation.

Reason for release: To avoid the possibility of injury from the strobe light cover Dartron is requiring that the existing bolts be removed and replaced with longer bolts secured with Nyloc jamming nuts.

Action to be taken: Install longer bolts with Nyloc jamming nuts. Nuts are located inside the strobe light.

Detail of issue:

Tools Required: Phillips head screw driver and two ½” wrenches.

People Required: Two ride maintenance personnel are needed to perform the bolt replacement operation.

1. Remove power from the ride.
2. Locate the input and output connectors on the individual Strobe lights and label the mono-jack plugs as input or output. Disconnect these plugs from the light.
3. Unplug the strobe light 120VAC power supply from the center column.
4. Two bolts hold the strobe to its mounting brackets on the center column. One bolt is on top and one on the bottom of the strobe. Loosen the two bolts but do not remove them at this time.
5. Turn the light around exposing the 6 Phillips head screws that hold the control part of the strobe light to the remainder of the assembly. There are three of these screws on the top and three on the bottom.

6. While one person holds the control panel the second person removes the 6 screws.
7. After removing the control panel, remove the top mounting bracket bolt and replace it with a 2-1/4" long Grade 5, or better, bolt. Insure that the spacer is re-installed between the mounting bracket and the light. Remove the bottom mounting bracket bolt and replace it with a 2-1/4" long Grade 5, or better, bolt. Insure that the spacer is re-installed between the mounting bracket and the light.
8. Install and tighten until snug the provided Nyloc nut on the inside of the housing where the bolt threads through.
9. Install the control panel to the assembly by replacing the 6 screws that were removed in Step 7.
10. Repeat Steps 4 thru 9 for the remaining two strobe lights.
11. Insert the input and output cables back into their respective jacks.
12. Plug the power cord for the strobe lights back into their corresponding receptacles.
13. Apply power to the ride.
14. Verify proper operation of the strobes.