

Dartron

Issuing Entity:
Dartron Industries, Inc

P. O. Box 13114
Salem, Oregon 97309
Phone: 503-362-2341
Fax: 503-362-2536

www.dartronrides.com

Bulletin # SR-5K-002

Release Date: January 23, 2004

Effective Date: January 22, 2004

Supersedes: N/A

Completion Date: None

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SAFETY BULLETIN

Ride Manufacturer: Dartron Industries, Inc.

Affected Production Dates: All

Ride Name: Cliff Hanger

Affected Serial #'s: All

Model #'s: All

Abstract of Issue: An incident occurred on a Cliff Hanger ride operating in Florida. The cause of the incident is unknown at this time. The incident resulted from a failure in the Car Hanger Stem. The Car Hanger Stem is shown in Attachment I. As shown the Stem is connected to the Arch Assembly with four gussets that are welded to the Stem and the Arch Assembly. The failure occurred at the attachment point of the gussets to the Stem.

Reason for release: At this moment in time Dartron Industries is not able to determine the cause of the failure but to ensure that there is no other occurrence Dartron is requiring all Cliff Hanger owners to take the actions detailed below:

Action to be taken:

1. No Cliff Hanger is to be operated until the requirements of steps 2 through 6 are satisfied.
2. All welds and the heat effected areas adjacent to the welds on the gussets that attach the Stem to the Arch Assembly on each of the 10 car hanger Stems must be inspected by a certified Level II NDT Inspector using the Magnetic Particle Method. Contact Dartron at 800-421-5752 for NDT Inspection Forms. Using the Dartron supplied forms the NDT Inspector must submit a written report to Dartron documenting the result of the NDT inspection.
3. Dartron will determine from the NDT inspection report if the structural integrity of the gusset joint has been compromised.
4. If Dartron determines that the structural integrity of the joint has been compromised the defect must be remedied in a manner satisfactory to Dartron before the Car Hanger Stem can be used on the ride.
5. Each Car Hanger Stem must have a Dartron approved back-up system for the stem gusset joint. Dartron approved back-up systems include, a cable inserted inside the stem and attached to the passenger carrier or other Dartron designed and approved devices.
6. After Dartron has determined that the Cliff Hanger stem gusset joints have the desired structural integrity and a Dartron approved back-up the Cliff Hanger will be approved by Dartron as safe to operate and can be reopened subject to requirements of local jurisdictions and your insurance carrier.

