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Issuing Entity:

Battech Enterprises, LLC

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

Bulletin # SR-5K-1710-01-A

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Effective Date: November 1, 2017

Supersedes: SR-5K-1710-01

Completion Date: December 31, 2017

SERVICE BULLETIN

Ride Manufacturer: Dartron Industries, Inc.	Affected Production Dates: January 1998 – July 1999
Ride Name: Cliff Hanger	Affected Serial #'s: 801271-5K , 806081-5K, 807121-5K,
-	810061-5K, 810283-5K, 902221-5K ,
-	811201-5K, 901011-5K , 902071-5K
Model #: All	Line Through Denotes Already Replaced/Upgraded

Abstract of Issue: The first twelve Cliff Hanger rides had Passenger Cars produced with mild steel frames. The frames were covered with a pad which could retain moisture potentially causing corrosion.

Reason for release: To ensure that early Dartron Industries, Inc. Cliff Hanger Passenger Cars are upgraded to Stainless Steel frames to eliminate any concern that corrosion could create structural degradation possibly resulting in catastrophic failure.

Action to be taken:

1. All owners of the above amusement rides must replace the Passenger Car Assemblies with newer models that are constructed using Stainless Steel tubing in areas covered by foam.
2. Contact Battech at (503) 362-2341 to arrange purchase of replacement passenger carrier assemblies.

Detail of issue:

Prepare Cliff Hanger for Replacement of Passenger Carrier Assemblies

1. The ride does not need to be set-up to perform this operation, however it will require power to lower the car racks to gain access to all carriers.
2. If the ride is not set up with the hanger stems on top of the cars installed in the hanger blocks; as is normal for operation, it would be best to place the cars individually on pallets.
3. You will need to remove the safety cables from the hanger stems, per Dartron Industries, Inc. Bulletin SR-5K-003.
4. Remove the bolts and pins from the hanger stem.
5. Before attaching the existing hanger stem to the new passenger carrier assembly review Battech Enterprises LLC Service Bulletin SR-5K-1710-2 regarding the hanger stem padding.
6. Attach the hanger stem to the new passenger carrier assembly.
7. Replace the safety cables per Dartron Industries, Inc. Safety Bulletin SR-5K-003