

Dartron

Issuing Entity:
Dartron Industries, Inc

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SERVICE BULLETIN

Ride Manufacturer: Dartron Industries, Inc.

Affected Production Dates: All Cliff Hanger Rides

Ride Name: StarTrooper

Affected Serial #'s: 111141-5S, 206161-5S,
210091-5S, 210211-5S, 210301-5S, 212071-5S,
212081-5S, 301181-5S, 302121-5S, 302051-5S,
310261-5S, 311121-5S, 311171-5S, 311191-5S,
402111-5S, 403311-5S, 410011-5S, 411091-5S,
412011-5SI

Abstract of Issue: Dartron has discovered a potential **Safety Related** issue involving the erection and racking of the StarTrooper ride. Dartron is herein alerting StarTrooper owners, operators and inspectors about this safety related issue and requiring changes to the StarTrooper that, when followed, will eliminate the potential problem.

Reason for release: It has come to Dartrons attention that the potential exists for the sweep lift bracket mounted on the front car rack to impact the hydraulic fitting on the rod end of the front rack lift cylinder. This potential condition exists when the sweep lifting brace is not properly folded into its racked position and the front car storage rack is being raised to its transport position. Impacting the front rack cylinder lift fitting can damage the fitting or the cylinder causing the front rack to fall. If ride personnel are under the suspended load of the carrack when this event occurs it could result in injury to the employee

Action to be taken: Dartron is requiring that the sweep lift bracket on the front carrack be removed from the ride and discarded. An alternate method of lifting the sweep must be employed. Dartron is also requiring that all personnel working on and around the StarTrooper ride be prohibited from standing under the suspended load of the StarTrooper car rack while it is being raised or lowered.

Detail of issue: 1.) Remove the sweep lift bracket. The purpose of the sweep lifting bracket is to use the hydraulic cylinder of the front car rack to raise a sweep enough to un-weight the split wing hub allowing the upper pin to be installed or removed. After removal of the bracket, un-weighting can be accomplished by using a small hydraulic jack and a short post placed near the front edge of the gooseneck deck. An alternative method is to use the seep support jack at the rear of the trailer. Rotate the sweep 180 degrees and fabricate a device to extend the jackleg. **2.) Affix a warning on the trailer gooseneck stating "DANGER"** *" Do not stand under the carrack while its load is suspended."*
Contact Dartron for assistance in implementing or enforcing the requirements of this bulletin.