



NUMBER: B408R1182-0

DATE: December 1, 1997

SUPERSEDES:

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## SERVICE BULLETIN

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Effective Serial Number: 408-96002 through 408-97019

Ride: CHAOS

Subject: Latching Rod Rework

Chance Rides, Inc. has become aware that the latching rods on the above noted CHAOS amusement rides can be put into a bending load causing the rod to break at the jam nut. If this happens, injury to passengers can result. All owner/operators of the CHAOS rides identified above are required to perform the rework described in this bulletin.

Order and install kit number K408R1182-0, using the installation instructions on the reverse side of this bulletin. Each kit contains enough parts to rework one ride.

The following parts are included in kit K408R1182-0.

<u>Item No.</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
1	408-111-001	Rod Clamp Half (drilled holes)	72
2	408-111-002	Rod Clamp Half (tapped holes)	72
3	60700600	1/4-20 x 1-1/4 Hex Head Cap Screw	432

## INSTALLATION INSTRUCTIONS - Kit K408R1182-0 (Latching Rod Rework Kit)

1. Remove the back cover from the vehicles. Locate the four latching rods, indicated by arrows in the following illustration.
2. Loosen the four nuts  $1/4$  to  $1/2$  turn.
3. Install one **Rod Clamp with tapped holes** and one **Rod Clamp with drilled holes** over each of the four latching rods.

**IMPORTANT:** Each rod clamp has recessed areas to mate with the latching rod, rod end and jam nut. All parts must be installed correctly to function properly. Be sure the large radius recess is at the top, to mate with the rod end.

4. Secure the rod clamps with six  $1/4$ -20 x 1- $1/4$ " Capscrews provided. Apply Loctite® 271 to the threads and tighten the six screws in an alternating pattern to 7 ft-lbs.
5. Install the rod clamps as described on all four latching rods on every vehicle.

