



Number: A65-0264-00
 Date: February 20, 1985

Supersedes:

America's Largest Manufacturer of Amusement Rides

SAFETY ALERT

Effective Serial Numbers: All Units

Ride: ZUMUR

Subject: Lap Bar Kit

CHANCE MANUFACTURING CO., INC. has become aware of at least one accident involving the ZUMUR amusement ride. The passenger apparently was pulled by another passenger and/or slid forward under the lap bar and out of the seat while the ride was in motion.

CHANCE MANUFACTURING has developed a new lap bar which increases passenger safety. The new lap bar design incorporates a crotch strap, which secures the lap bar in the lowered position. The existing chest strap must be used in conjunction with the new lap bar to complete the passenger restraint system.

ALL OWNERS OF ZUMUR RIDES ARE REQUIRED TO REPLACE THE EXISTING LAP BARS WITH THE NEW LAP BAR SYSTEM.

Order kit number K65-0264-00, which includes the new style lap bars, crotch straps and all necessary hardware for one complete ride (24 seats). Install the kit using the instructions on the reverse side of this bulletin. Fill out and return the attached Certification of Compliance for installation of the kit within seven (7) days from receipt of the kit.

PARTS LIST

Components of Kit No. K65-0264-00

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
361-04043	Lap Bar	24
261-05443	Crotch Strap	24
686-07004	Bolt - Hex Head Capscrew (1/4-20 x 1)	24
696-85300	Washer - Wrought (1/4)	24
691-47808	Lock Nut - Full Nylon Insert (1/4-20)	24
686-12232	Shoulder Bolt - Socket Head (3/8 x 1)	48
691-48044	Flex Lock Nut (5/16-18)	48
696-85308	Washer - Wrought (3/8)	96
261-85602	Cushion Ring	48

Installation Instructions

All work must be performed by competent mechanics, capable of understanding the function of the parts and their proper installation.

Read these instructions thoroughly and make sure you understand them before installing the kit. Identify all parts by checking them against the parts list. If any parts are missing, contact CHANCE MANUFACTURING immediately. Do not substitute an inferior grade of material or part.

1. With the ride stopped and the master circuit breaker in the "OFF" position, remove the two front chains from any seat. Remove the lap bar.
2. Inspect all four chains for wear per Service Bulletin B61-0265-00.
3. Install a cushion ring over each front upright on the seat frame.
4. Install the new lap bar on the chains with the D-ring toward the front of the seat. Install the new hardware with the bolts pointing out from the seat as shown. Torque the nuts to 13 lb-ft.
5. Drill a 1/4-inch hole through the bottom bar on the seat frame, on the centerline of the seat as shown. Be careful not to drill into the plastic seat.
6. Install the crotch strap and hardware as shown. Torque the nut to 72 lb-in.
7. Repeat Steps 1 through 5 on all remaining seats.

