



NUMBER: B40OR1038-0

DATE: May 25, 1989

SUPERSEDES:



Effective Serial Number: All Units

Ride: GIANT GONDOLA WHEEL

Subject: Hydraulic Leveling Cylinder
Plumbing Rework

Each trailer for the portable model GIANT GONDOLA WHEEL has four hydraulic leveling cylinders. If there is any leakage in the hydraulic system, the rod can lower, due to gravity and the weight of the rod. If this happens during transport of the ride, contact of the piston rod with the pavement can cause serious damage.

CHANCE RIDES, INC. has developed a plumbing rework kit to positively block the flow of hydraulic oil to and from the cylinders.

ALL OWNERS OF GIANT GONDOLA WHEEL AMUSEMENT RIDES ARE REQUIRED TO PERFORM THIS REWORK.

Install the kit using the instructions on the following pages of this bulletin and the parts provided. Return the attached Certification Of Compliance for the rework within fifteen (15) days from receipt of this bulletin.

All work must be performed by competent, qualified mechanics, capable of understanding the function of the parts and their proper installation. If there are any questions regarding the instructions or this rework, contact the CHANCE CUSTOMER SERVICE DEPARTMENT.

PARTS LIST

The following parts are included in Kit No. K400R1038-0:

Item No	Part Number	Description	Qty. Reqd.
1.	290-8441000	VALVE - Shut-Off	12
2.	685-0018600	FITTING - Adapter	12

INSTALLATION INSTRUCTIONS

1. Extend the hydraulic leveling cylinders until they almost touch the base plate. All pressure must be relieved from the hydraulic system, and no weight should be on the cylinders. Remove the tube and elbow from the lower port (rod end) of the cylinder.

WARNING: THE HYDRAULIC CYLINDERS MUST BE EXTENDED, WITH NO WEIGHT ON THE CYLINDERS AND ALL PRESSURE RELIEVED FROM THE HYDRAULIC SYSTEM.

IF ANY PLUMBING IS LOOSENED WITH THE WEIGHT OF THE RIDE ON THE HYDRAULIC CYLINDERS, THE RIDE CAN TIP, CAUSING SERIOUS PERSONAL INJURY.

2. Install the shut-off valve (Item #1) and adapter (Item #2) into the cylinder port. Reinstall the tube.
3. Repeat the procedure on the other eleven (11) leveling cylinders.
4. Check and fill the hydraulic reservoir to replace lost oil.
5. When transporting the ride, all shut-offs must be in the CLOSED position (tightened clockwise). Always open the valves after the ride is in position and ready for set-up.

