



Number: B392R1016-0

Date: September 9, 1987

Supersedes:

SERVICE BULLETIN

Effective Serial Numbers: 392-008-86 through 392-010-86

Ride: THUNDERBOLT

Subject: Vehicle Frame
Pivot Modification

As a safety precaution, CHANCE RIDES, INC. requires that the owners of THUNDERBOLT amusement rides with the above noted serial numbers perform the modification described in this bulletin. This modification will provide improved bearing retention in the vehicle frame pivot.

Order kit number K76-0306-00, which includes all necessary parts and hardware for one complete ride. Install the kit using the instructions provided on the reverse side of this bulletin. Fill out the attached Certification Of Compliance for the installation no later than January 1, 1988.

PARTS LIST

Kit Number K76-0306-00 Vehicle Frame Pivot Modification

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
36	376-04416	BEARING (392-136-001)
18	686-07531	CAPSCREW Gr.8 (5/16-18 x 5-1/2)
18	691-48044	NUT - Lock (5/16-18)
36	696-85306	WASHER (5/16)
36	686-07662	CAPSCREW (3/8-16 x 1/2)

INSTALLATION INSTRUCTIONS

All work must be performed by a competent, qualified 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.

1. Remove all four set screws from the vehicle frame pivot.
2. Unscrew and discard the bearing on one side of the vehicle. Be sure to keep the spacer. Install the new bearing and existing spacer in the frame using green Loctite thread sealant, and tighten the bearing. Repeat the procedure on the other side of the vehicle.
3. Install the 5/16-18 x 5-1/2 capscrow, washers and nut through the new bearings as shown. Tighten the nut to 15-18 lb-ft.
4. Install 3/8-16 x 1/2 capscrows in the two set screw holes using green Loctite thread sealant, to prevent grease from escaping.
5. Use a grease gun to liberally lubricate the new bearings.
6. Repeat Steps 1 through 5 on the remaining vehicles.

