



Number:

B76-0306-00

Date:

September 9, 1987

Supersedes:

America's Largest Manufacturer of Amusement Rides

SERVICE BULLETIN

Effective Serial Numbers:

85-53001 through 85-53007

Ride:

THUNDERBOLT

Subject:

Vehicle Frame

Pivot Modification

As a safety precaution, CHANCE MANUFACTURING CO., 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

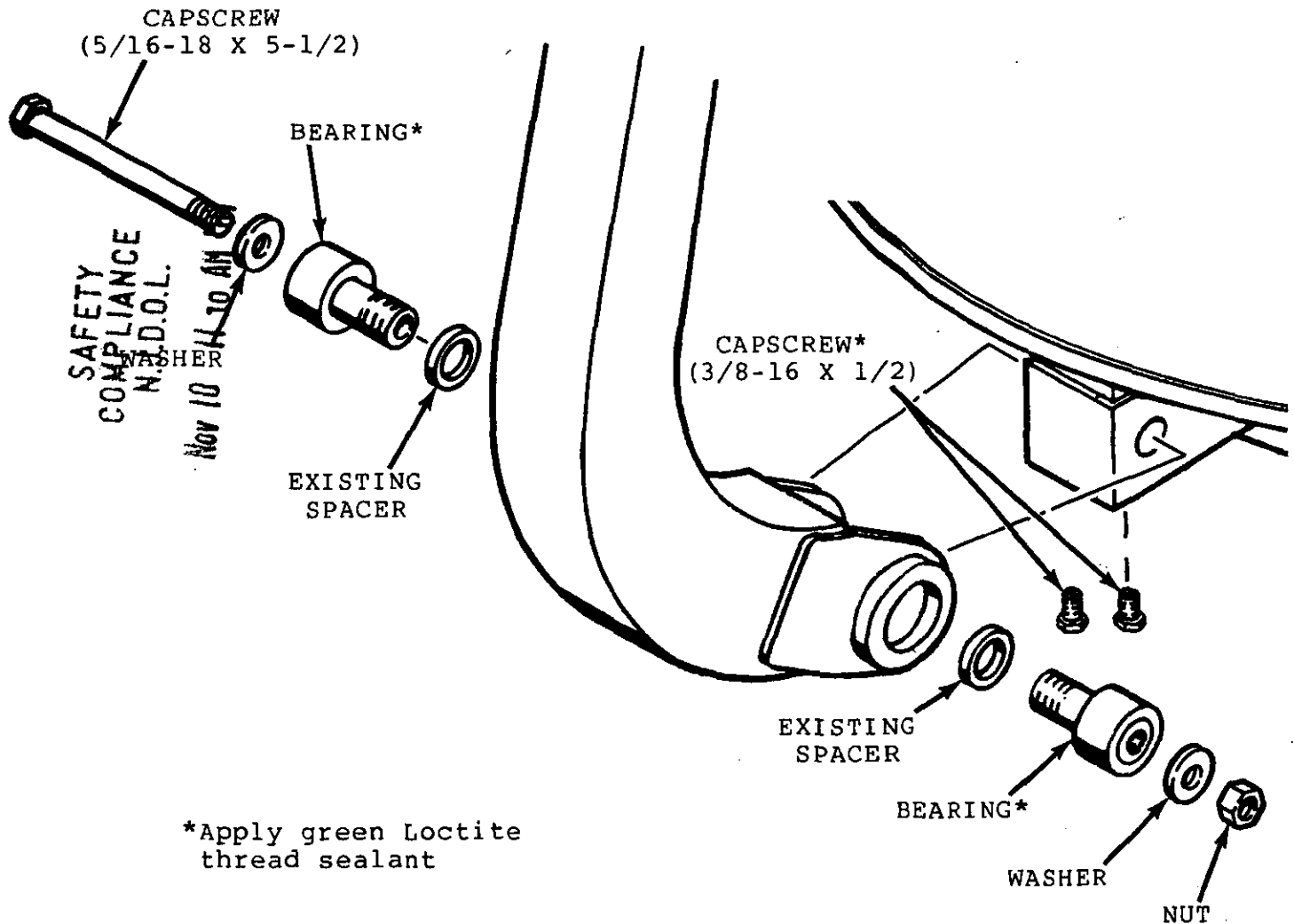
<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
36	376-04416	BEARING (392-136-001)
18	686-07531	CAPSCREW - Gr.8 (5/16-18 x 5-1/2)
18	691-48044	NUT - Lock (5/16-18)
36	696-85306	WASHER (5/16)
36	686-07662	CAPSCREW (3/8-16 x 1/2)

Factory and Sales Office: 4219 Irving • P.O. Box 12328 • Wichita, Kansas 67277 • (316) 942-7411

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 capscrew, washers and nut through the new bearings as shown. Tighten the nut to 15-18 lb-ft.
4. Install 3/8-36 x 1/2 capscrews 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.





Certification of Compliance

SERVICE BULLETIN B76-0306-00

We hereby certify the procedure outlined in the above-mentioned service bulletin has been performed
on the _____

Serial No(s) _____, in accordance

with the instructions and specifications supplied by Chance Manufacturing Company, Inc.

Date Bulletin Received _____

Date Procedure Performed _____

Name and Address of Person performing Procedure:

Attested:

Owner _____

Maintenance Supervisor _____

Address _____

Address _____

City _____ State _____

City _____ State _____

By: _____

Date: _____

Date: _____

Results: _____

This certification must be completed and returned to
CHANCE MANUFACTURING COMPANY, INC. no later than January 1, 1988.