



NUMBER: B106R1171-0

DATE: AUG. 3, 1995

SUPERSEDES:

SERVICE BULLETIN

Effective Serial Number: All Units - Chance Rides, Inc.
All Units - Chance Manufacturing Co., Inc.

Chance Rides, Inc. SPECIFICALLY DISCLAIMS ANY
LIABILITY for losses associated with rides
produced by Chance Manufacturing Company, Inc.

Ride: ZIPPER

Subject: Trolley Wheel Installation

On the above noted ZIPPER amusement rides, two different types of trolley wheels are used. One is commonly referred to as a hard wheel part number 38635700. The other trolley wheel is commonly referred to as a soft wheel, part number 28632600. Each ZIPPER ride requires twenty-four (24) hard wheels and ninety-six (96) soft wheels.

It has come to the attention of Chance Rides, Inc. that during replacement of the trolley wheels, some are not being properly installed. Proper installation of the trolley wheels is required for the safe operation of the ride. Failure to properly install a trolley wheel can result in personal injury to those near the ride, due to the separation of the wheel from the ride. All owner/operators of ZIPPER amusement rides are required to adhere to the following specifications when replacing trolley wheels.

The soft wheels presently used are equipped with sealed bearings. These wheels require a longer hex head capscrew than the soft wheels which did not have sealed bearings. The proper hex head capscrew to be used with a soft wheel that has a sealed bearing is a 3/8-16 x 2 3/4 grade. Some soft wheels are secured in place by means of a 3/8 lock washer and a 3/8-16 hex head nut while others fasten directly in to a blind hole.

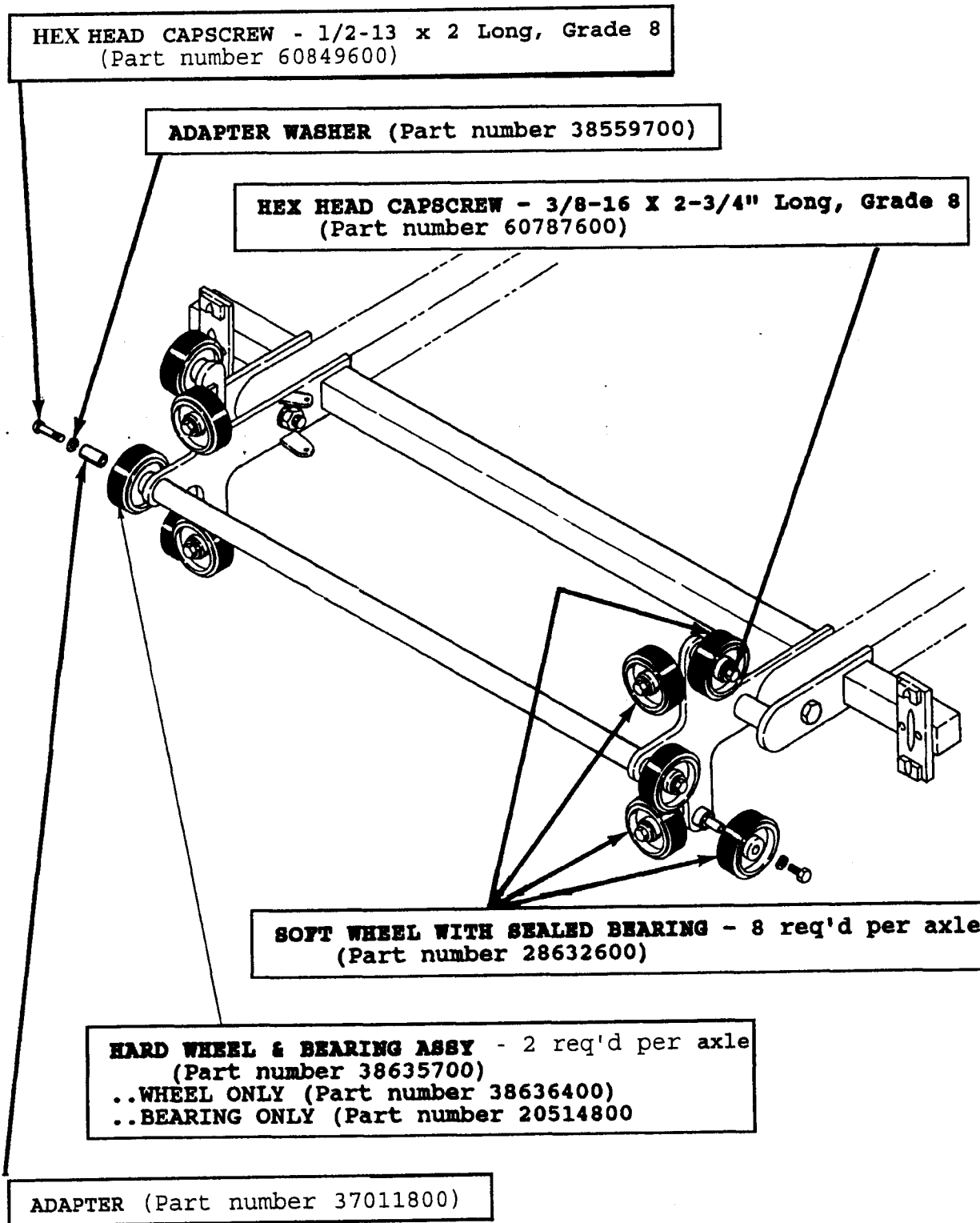
ZIPPER rides with a serial number of 73-1878 and on require a special adaptor to be used with the hard wheels. The part number for the adaptor is 37011800. The adaptor is inserted through the hard wheel with the wheel being secured in place by a 1/2-13 x 2 grade 8 hex head capscrew, part number 60849600.

NOTE: Owner/operators of ZIPPER amusement rides with a serial number between 68-1801 and 73-1877 must consult their owner's manual to determine the correct capscrew used to secure the hard wheels for their particular ride.

HEX HEAD CAPSCREW - 1/2-13 x 2 Long, Grade 8
(Part number 60849600)

ADAPTER WASHER (Part number 38559700)

HEX HEAD CAPSCREW - 3/8-16 X 2-3/4" Long, Grade 8
(Part number 60787600)



SOFT WHEEL WITH SEALED BEARING - 8 req'd per axle
(Part number 28632600)

HARD WHEEL & BEARING ASSY - 2 req'd per axle
(Part number 38635700)
..WHEEL ONLY (Part number 38636400)
..BEARING ONLY (Part number 20514800)

ADAPTER (Part number 37011800)