CHANCE RIDES MANUFACTURING, INC.
4200 Walker
Wichita, KS 67277-2328
U.S.A.
Phone: 1-316-942-7411 • FAX: 1-316-942-2012
Website: www.chancerides.com
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Bulletin No: B376CRM205-0
Release Date: May 2, 2018
Effective Date: May 2, 2018
Supersedes:
Completion Date: August 2, 2018

SERVICE BULLETIN

Ride Manufacturer: CHANCE RIDES MANUFACTURING, INC.
CHANCE RIDES, INC.
CHANCE MANUFACTURING, INC.

Affected Production Dates: All

Ride Name: YO YO

Affected Serial Nos.: All

Model No.: 376

Abstract of Issue:
Sweep Cylinder Check Valves

Reason For Release:
Chance Rides, Inc. has become aware of the failure of a check valve on the YO YO sweep cylinder. Failure of the check valve can result in the lowering of the sweeps past their normal loading position. Orifices in the hydraulic system prevent the sweeps from lowering quickly, however if the ride is still rotating, injury to passengers is possible.

Chance Rides Manufacturing, Inc. now offers a check valve with steel internal components. This makes the check valve more robust and reduces the likelihood of failure.

Action to be Taken:
All owners of the above noted YO YO amusement rides are required to replace the two check valves located at the upper and middle ports of the sweep lift cylinder. Order and install 2 check valves (Chance part number part number 28440600) within 90 days of the release date on this service bulletin. The parts will be provided at a reduced cost during this time frame. The new valves install exactly in place of the existing valves with minimal modifications. Refer to the illustrations on the following pages of this bulletin for detailed information.

All work must be performed by qualified personnel, capable of understanding the function of the parts and their proper installation. Use only those components authorized, specified or provided by Chance Rides Manufacturing, Inc. All applicable OSHA safety standards and safe industry practices must be observed.

Observe all safety information contained in the manufacturer's manuals. Make available this bulletin and all related technical information to personnel using the equipment.

Chance Rides Manufacturing, Inc. issues notifications for the benefit of owners of amusement rides manufactured by Chance Rides Manufacturing, Inc. As a service to the industry, and in the interest of employee and public safety, Chance Rides Manufacturing, Inc. also issues notifications for the benefit of owners of amusement ride equipment for which the manufacturer no longer exists, such as the Allan Herschell Company, Chance Manufacturing Co., Inc., pre-2002 Chance Rides, Inc., D.H. Morgan Manufacturing, Inc., etc. In doing so, Chance Rides Manufacturing, Inc. does not assume liability for losses associated with amusement ride equipment built by manufacturers other than Chance Rides Manufacturing, Inc.

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Ride Name: YO YO

Affected Serial Nos.: All

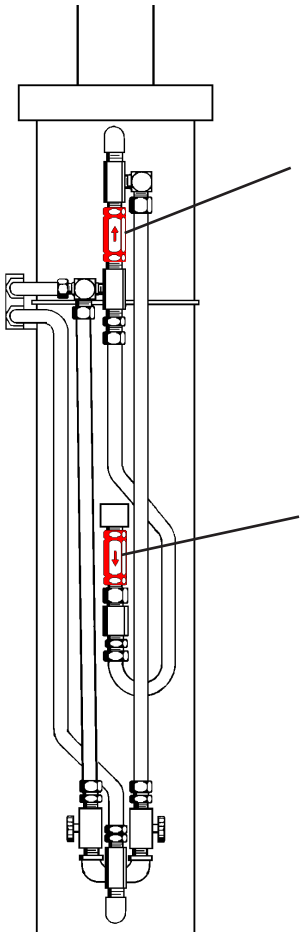
Model No.: 376

Detail of Issue

Check Valve Replacement Procedure

Locate the check valves on the sweep lift cylinder. Pay attention to the **direction of the arrow** stamped on the body of each check valve. The ride will not operate correctly if the correct direction is not observed.

IMPORTANT:
Cylinder plumbing and component locations are shown for reference only. Actual layout may vary slightly from that shown.



Check Valve
*Note that arrow is pointing **UP**, toward the cylinder rod.*

Check Valve
*Note that arrow is pointing **DOWN**, toward the base of the cylinder*

CAUTION:
Never disconnect a hydraulic line or fitting when there is pressure in the system. Personal injury can result.

Always relieve pressure before working on the hydraulic system.

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Detail of Issue (continued):

Identification of New Check Valve

The new check valve can be visually identified as shown in the comparison photo below.

NOTE: *The new check valve will be one of the two configurations shown. This is due to supplier differences. Both of the new check valves shown have steel internal components and can be used interchangeably.*

Existing Check Valve
Round body with hexagonal ends
DO NOT USE

New Check Valve
Hexagonal body with round ends

New Check Valve
Hexagonal body