



CHANCE RIDES, INC.
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U.S.A.
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Bulletin No: B414R1211-0
Release Date: August 18, 1999
Effective Date: August 18, 1999
Supersedes: N/A
Completion Date: September 18, 1999
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SERVICE BULLETIN

Ride Manufacturer: CHANCE RIDES, INC. Affected Production Dates: All

Ride Name: INVERTER Affected Serial Nos.: All

Model No.: 414

Abstract of Issue:
Inspection, Replacement and Operation of Hydraulic Lock Cylinders

Reason For Release:

The passenger restraint system on the INVERTER amusement ride incorporates a hydraulic lock cylinder for the primary restraint bar (lap bar) for each seat. In the event a hydraulic lock cylinder fails, the secondary restraint bar (T-bar) prevents the lap bar from opening.

Chance Rides, Inc. has become aware of a manufacturing defect which can affect the reliability and/or service life of the hydraulic lock cylinders. Although the defect has been corrected by the manufacturer, some defective cylinders have been shipped on new products and as replacement parts.

Action to be Taken:

All owners of the above noted amusement rides are required to inspect all hydraulic lock cylinders per the instructions on the following page of this bulletin. If any defective cylinders are found, order and install part number 22162104 in the appropriate quantity to replace all defective cylinders.

The parts will be provided at no charge if ordered within 30 days of the release date of this bulletin, subject to the return of the defective cylinders.

All work must be performed by qualified personnel, capable of understanding the function of the parts and their proper installation.

NOTICE

Use only those components authorized, specified or provided by Chance Rides, Inc.

Chance Rides, Inc. **SPECIFICALLY DISCLAIMS ANY LIABILITY** for losses associated with any unauthorized alterations and/or modifications or additions and installations of unauthorized components.



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Affected Production Dates: All

Ride Name: INVERTER

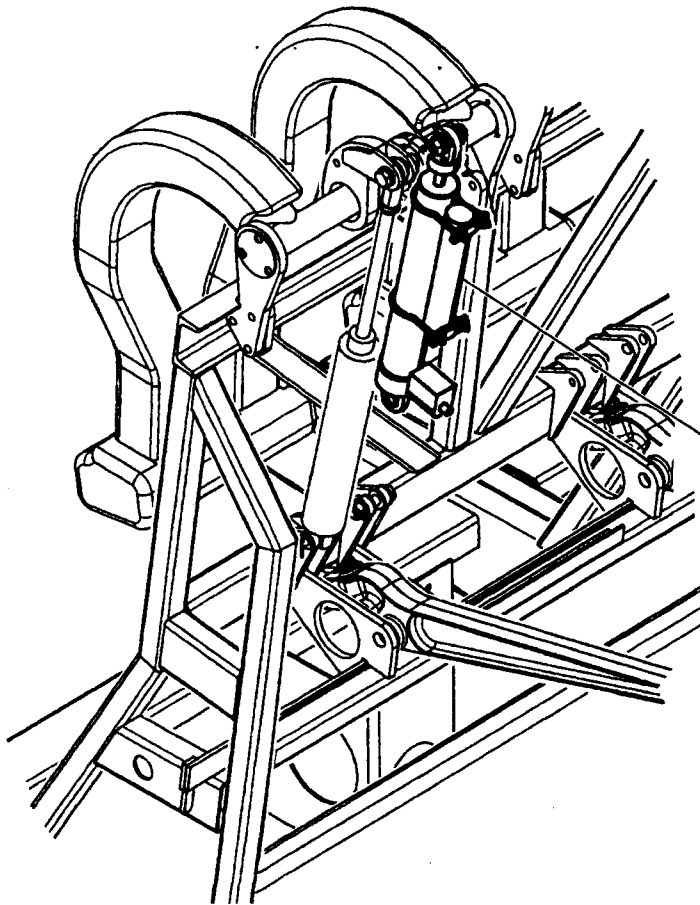
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Model No.: 414

Detail of Issue (continued):

Inspection Procedure

Inspect the hydraulic lock cylinders for all seats (24 total). Identify the cylinders based on the distinguishing characteristics detailed on the next page.



*Hydraulic lock cylinder
for primary restraint bar
(lap bar)*



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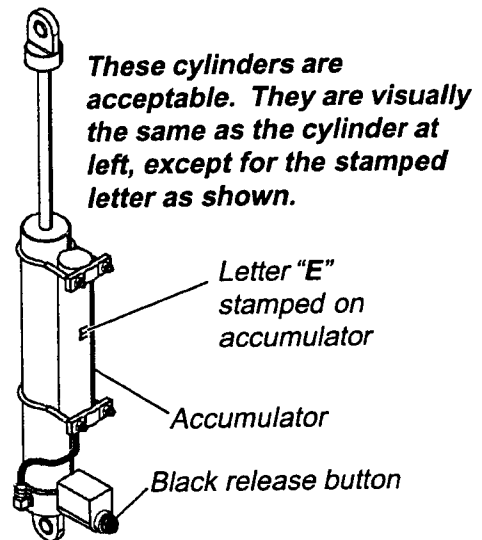
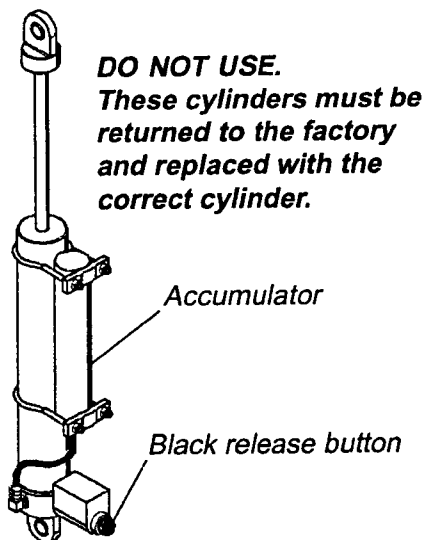
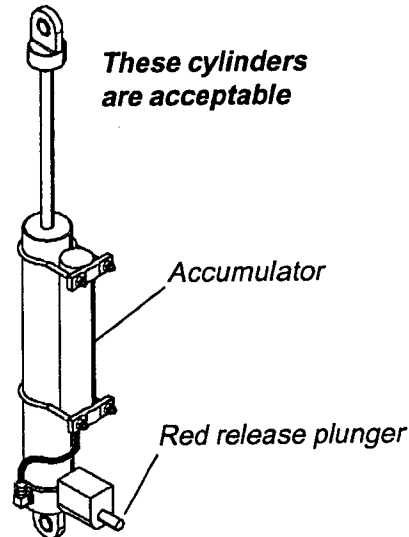
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Detail of Issue (continued):





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Affected Production Dates: All

Ride Name: INVERTER

Affected Serial Nos.: All

Model No.: 414

Detail of Issue (continued):

Operation - Manually releasing passenger restraints

Use the following information in conjunction with the procedure in the INVERTER Operation Manual.

To manually release the
PRIMARY RESTRAINT BAR
(shoulder bar)

- push the black release button
- or -
- pull the red release plunger

NOTE: All closeout panels must have this raised area
over the manual release.
(refer to Service Bulletin B414R1215-0)

