



CHANCE RIDES MANUFACTURING, INC.
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Bulletin No:	B410CRM175-0
Release Date:	May 11, 2012
Effective Date:	Immediately
Supersedes:	N/A
Completion Date:	July 11, 2012
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SERVICE BULLETIN

Ride Manufacturer: CHANCE RIDES, INC.

Affected Production Dates: All

Ride Name: AVIATOR

Affected Serial Nos.: All

Model No.: 410

Abstract of Issue:

Replacement of Fasteners for Vehicle Shackle

Reason For Release:

Chance Rides Manufacturing, Inc. has become aware of a failure of a capscrew for the vehicle hanger shackle. Failure of the fastener could result in serious injury to passengers and/or bystanders. The failure was the result of overtightening. Once the fastener has been overtightened, the strength of the capscrews and nuts may have been compromised, so they must be replaced.

This bulletin is being issued to emphasize the use of the correct fasteners in this location and to revise the torque value for tightening these fasteners.

Action to be Taken:

Chance Rides Manufacturing, Inc. requires all owner/operators of the above noted AVIATOR rides to replace the fasteners for the vehicle mounting shackles within 60 days of the release date of this bulletin. The parts will be offered at a reduced price if ordered within this 60 day period.

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., Chance Rides, Inc. (1985-2002), D.H. Morgan Manufacturing Co., 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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Detail of Issue

Vehicle Fastener Replacement Procedure

1. Support the vehicle as necessary to take weight off the vehicle hanger rods.
2. Remove and discard the existing fasteners.
3. Install new fasteners and tighten as shown in the following illustration.

*Hex Head Capscrew - 1-8 x 6", Grade 5
(Chance part number 61036400) with
Flexloc Nut - 1-8 Grade 5
(Chance part number 64806000)
Tighten nut to 400-490 ft-lbs.*

