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# SERVICE BULLETIN

Ride Manufacturer: CHANCE RIDES, INC.

Affected Production Dates: All

Ride Name: SLING SHOT

Affected Serial Nos.: All

Model No.: 417

Abstract of Issue:

Revised Passenger Restraint Safety Interlock System Operational Check

Reason For Release:

The passenger restraint system on the above noted SLING SHOT amusement rides incorporates a safety interlock system which prevents the ride from being started if any restraint bar is not down and locked.

Chance Rides Manufacturing, Inc. has developed a more comprehensive check procedure to make certain that all components of the restraint bar safety interlock system are functioning properly. If the safety interlock system on any restraint bar does not operate correctly, multiple component failures on a seat can result in injury to passengers.

Action to be Taken:

All owners of the above noted SLING SHOT amusement rides are required to check the operation of the passenger restraint safety interlock system DAILY, using the revised procedure provided in this bulletin.

**IMPORTANT:** *This procedure supersedes the "Passenger Restraint and Interlock System Operational Check" procedure in the SLING SHOT Service Manual. It does not replace any other inspections, checks or other previously published requirements.*

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., 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

### Passenger Restraint Interlock System Operational Check

The following check must be made daily to ensure the proper operation of the passenger restraint interlock system.



**WARNING: Never load passengers unless ALL passenger restraints are in good working condition, and the passenger restraint interlock system is operating correctly.**

**Do not tamper with or attempt to defeat the purpose of the passenger restraints or the passenger restraint interlock system. Serious injury to passengers can result.**

**IMPORTANT:** *To perform this check, the ride must be ready to run. Make sure that all relevant procedures in the SLING SHOT Service Manual have been performed. The vehicle must be in the "Home" position, with the pumps running and all operator controls in their ready-to-run positions.*

1. Lower and lock all restraint bars and latch the secondary restraint straps
2. Check the restraint bar indicator panel. All lights on the panel must be off.
3. Once charging is complete, the READY LIGHT on the operator's control console should be flashing.
4. Turn the RESTRAINT BAR SWITCH to the "Open" position. The READY LIGHT will go out.
5. Return to the vehicle. One by one, pull a lap bar up against the secondary restraint strap, then push it back down.
  - When the restraint bar is pulled up, the indicator light for that seat must come on just before the restraint strap is pulled taut.
  - Close the restraint bar. The indicator light must go out when the restraint bar is down.

Any other indication requires adjustment of the limit switch or other repair of the interlock system for that restraint bar. Repeat this process for all seats.

6. Release the secondary restraint strap on one restraint bar and raise it completely.
7. At the operator's control console, turn the RESTRAINT BAR SWITCH to the "Closed" position.
8. The READY LIGHT must stay off. Any other indication requires that repairs be made before the ride is put into service.
9. Turn the RESTRAINT BAR SWITCH to "Open." Lower the restraint bar and perform Steps 6 through 8 on the next seat. Continue until all restraint bars have been tested, ONE AT A TIME.