



**CHANCE RIDES MANUFACTURING, INC.**  
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Bulletin No:	B417CRM121-0
Release Date:	April 16, 2004
Effective Date:	Immediately
Supersedes:	N/A
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# SERVICE BULLETIN

Ride Manufacturer: CHANCE RIDES, INC.

Affected Production Dates: All

Ride Name: SLING SHOT

Affected Serial Nos.: All Units

Model No.: 417

**Abstract of Issue:**

Catapult Cable and Winch Cable Inspection and Replacement

**Reason For Release:**

The SLING SHOT amusement ride is equipped with a single catapult cable and two winch cables. Chance Rides Manufacturing, Inc. has determined that the maximum service life of these cables is two years. This time can be shorter if the cable is exposed to abuse, physical damage or exposure to extreme elements.

**Action to be Taken:**

Chance Rides Manufacturing, Inc. requires all owner/operators of the above noted SLING SHOT amusement rides to replace the catapult cable and both winch cables every two years. Order and install new cables meeting the specifications shown in the table on the next page of this bulletin.

Detailed instructions for cable inspection are provided in the *SLING SHOT Service Manual*. These inspection procedures must be followed to ensure that the maximum service life of all cables can be obtained.

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

### SLINGSHOT Cable Specifications

	CABLE LOCATION	CHANCE PART NUMBER	CABLE SPECIFICATION	CABLE LENGTH
PORTABLE MODEL RIDE	Catapult Cable	417-0302-011	Cable size: 22 mm DF 6x36 WRC 1960 BT RHO -- or -- DF 6x36 WRC 1960 GAL RHO	213.36 meters (700 feet)
	Winch Cables (2 required)	417-0302-012	Cable size: 12 mm DF DSC 8x19 2160 BT RHO	68.58 meters (225 feet)
PARK MODEL RIDE with 100 foot tower	Catapult Cable	417-0302-011	Cable size: 22 mm DF 6x36 WRC 1960 BT RHO -- or -- DF 6x36 WRC 1960 GAL RHO	213.36 meters (700 feet)
	Winch Cables (2 required)	417-0302-012	Cable size: 12 mm DF DSC 8x19 2160 BT RHO	68.58 meters (225 feet)
PARK MODEL RIDE with 120 foot tower	Catapult Cable	417-1302-011	Cable size: 22 mm DF 6x36 WRC 1960 BT RHO -- or -- DF 6x36 WRC 1960 GAL RHO	250 meters (820.2 feet)
	Winch Cables (2 required)	417-1302-012	Cable size: 12 mm DF DSC 8x19 2160 BT RHO	82.5 meters (270.7 feet)

It is recommended that all documentation pertaining to these cables be kept readily available for future verification of replacement dates and cable specifications.



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Detail of Issue (continued):

Refer to the cable replacement procedures included with this bulletin. The use of the proper procedures and tools are important for the safety of the workers and to ensure that the new cable is not damaged during installation. The following special tools for this procedure can be ordered from Chance Rides Manufacturing, Inc.

	<p><b>Cable Pulling Grip - Double</b> (Chance Part No. 23129102)          (Lewis Manufacturing Co. Type LSG-1/2-1)          This double-ended "chinese finger" grip is used to attach the new catapult cable to the old cable.</p>
	<p><b>Cable Pulling Grip - Double</b> (Chance Part No. 23129105)          (Lewis Manufacturing Co. Type LSG-1/4-1/2)          This double-ended "chinese finger" grip is used to attach the new winch cable to the old cable.</p>
	<p><b>Cable Pulling Grip - Single</b> (Chance Part No. 23129101)          (Lewis Manufacturing Co. #50-1015, Type A-DW-24)          This single-ended "chinese finger" grip is used to attach the old catapult cable to the truck or other pulling device.</p>
	<p><b>Cable Pulling Grip - Single</b> (Chance Part No. 23129104)          (Lewis Manufacturing Co. Model OH-1/4-1/2)          This single-ended "chinese finger" grip is used to attach the old winch cable to the truck or other pulling device.</p>
	<p><b>Cable Pulling Grip</b> (Chance Part No. 23129103)          (Klein Tools, "Haven" Grip #1625-20-1)          This grip is used pull the slack out of the new catapult cable before attaching it to the vehicle.</p>
	<p>Required when using single and double-ended pulling grips.  <b>Band-It 1/4" Bands - not shown</b> (Chance Part No. 23129107)          (Lewis Manufacturing Co. #80-1029)  <b>Band-It Tool #J075 - not shown</b> (Chance Part No. 23129106)          (Lewis Manufacturing Co. #80-1026)</p>