



Issuing Entity:
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Bulletin No.: L16-005
Release Date: 3/16/16
Effective Date: Immediately
Supersedes: L13-001
Completion Date: N/A
Pages: 2

SERVICE BULLETIN

Ride Manufacturer: Larson International Inc. Affected Production Dates: All
Ride Name: Giant Loop Affected Serial Nos.: All units

Abstract Of Issue:

The bolts that secure the train to the undercarriage may exhibit wear and require additional inspection and replacement every two years.

Reason for Release:

Damage to the bolt threads was found when bolts were removed from a Giant Loop that had been in service for three seasons.

Action To Be Taken:

1. Monthly Inspection – visual inspection of the train to undercarriage bolt retainers (items 25-27).
2. Six Month Inspection – verify that the train to undercarriage bolts are snug-tight [AISC definition].
3. Annual Inspection - remove rubber bushings and visually inspect all fasteners, tapered rubber bushings and bolt retaining plates.
4. Every Two Years - replace train to undercarriage bolts (item 29 on page 2).

Note: Initial installation of the bolts compress the rubber bushings to within approximately ¼ inch of steel to steel contact. If a rubber bushing is compressed to the point where rubber shears off or there is steel to steel contact, it must be replaced. If the rubber bushings require replacement, apply EP2 lithium grease to the taper prior to installation.

Larson International Inc. issues notifications for the benefit of owners of amusement rides manufactured by Larson International, Inc. As a service to the industry, and in the interest of employee and public safety, Larson International, Inc. also issues notifications for the benefit of owners of amusement ride equipment for which the manufacturer no longer exists such as LMC, Inc. and Hi-Roller Company. In doing so, Larson International, Inc. does not assume liability for losses associated with amusement ride equipment built by manufacturers other than Larson International, Inc.



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Detail Of Issue:
 (Text/Drawings/Schematics)

→	29	H106421	CAPSCREW 1 1/4" NC X 4" GR8	12
	28	H310132	FLATWASHER 1 1/4" SAE	12
	27	H290024	HEX NUT 3/4" NC SLOTTED	22
	26	I160599	SAFETY BOLT 3/4" NC X 5 1/4" DRILLED	22
	25	H300040	LOCK WASHER 3/8"	12
	24	H101800	CAPSCREW 3/8"NC X 1"	12
	23	H400330	COTTER PIN,3/16 X 1 1/2	44

