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Bulletin No.: 2020-01
Release Date: 7-1-2020
Effective Date: 7-1-2020
Supercedes: N/A
Completion Date: 7-1-2020
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SERVICE BULLETIN

Ride Manufacturer: Majestic Manufacturing Inc.	Affected Production Dates: All Dates
Ride Name: All Rides	Affected Serial Nos.: All Serial Nos.
Model Number: All Model Numbers	

Abstract of Issue: Safety and reliability with the use of Non-Original Equipment Manufacturer (Non-OEM) replacement parts for amusement rides.

Reason For Release:

The use of Non-Original Equipment Manufacturer (Non-OEM) replacement parts for amusement rides can cause damage to the amusement ride which could result in a failure of safety restraint components, electrical components, pneumatic components, hydraulic components and other amusement ride components.

The use of Non-OEM replacement parts for amusement rides can cause damage to the amusement ride which could result in a failure during the ride operation cycle, loading procedures, unloading procedures, amusement ride set-up procedures, maintenance procedures, amusement ride tear-down procedures and amusement ride transportation.

Serious personal injury or death can result from these failures.
Serious damage to the amusement ride can result from these failures.

This bulletin provides information regarding the inspection, identification and quality control procedures Majestic Manufacturing Inc. will be implementing to help amusement ride inspectors, owners and operators identify Majestic Manufacturing Inc. Original Equipment Manufacturer (OEM) replacement parts against Non-OEM replacement parts.

Action To Be Taken:

Ride owners and operators are reminded to comply with all ASTM Standards, including F-770: Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices. These are available from ASTM International: www.astm.org.

ASTM F770:

6.3 *Replacement Parts*—Replacement parts for amusement rides and devices shall be:

6.3.1 Procured from the original manufacturer of the amusement ride or device, using the appropriate manufacturer supplied identifying nomenclature; or

6.3.2 Procured or produced using appropriate original manufacturing drawings or specifications, or both, if available;
or

6.3.3 Procured or produced using specifications derived from sufficient analysis to ensure parts of equivalent functions and quality, to those provided by the original manufacturer and in accordance with Practice F1193.

6.3.4 Manufactured in conformance with Practice F1193.

To promote safety and reliability of the operation of its amusement rides, Majestic Manufacturing Inc. recommends using only Majestic Manufacturing Inc. OEM replacement parts or OEM replacement parts from a Majestic Manufacturing Inc. authorized distributor.

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Action To Be Taken Continued:

All verifications of the use of proper replacement parts for amusement rides must be performed by competent personnel, capable of understanding the function of the replacement parts and their proper installation.

All work performed while installing replacement parts for amusement rides must be performed by competent personnel, capable of understanding the function of the replacement parts and their proper installation.

All applicable OSHA safety standards and safe industry practices must be observed.

Observe all safety information contained in the manufacturer’s manuals, notifications, service bulletins and safety alerts. Make available all applicable safety bulletins, including this bulletin, as well as all related manuals and technical information to personnel using the equipment and those personnel performing the work while installing OEM replacement parts.

If at any time there is a question or concern from the inspector, owner or operator regarding the identification of replacement parts, the work to be performed with the use of replacement parts, or the function of the replacement parts, please contact Majestic Manufacturing Inc. immediately for assistance prior to using replacement parts.

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Detail of Issue:

Inspection Procedure for Original Equipment Manufacturer (OEM) Replacement Parts

The inspections defined in this service bulletin are intended to help inspectors, owners and operators of how to correctly identify Majestic Manufacturing Inc. Original Equipment Manufacturer (OEM) replacement parts against Non-OEM replacement parts.

As an ongoing process to further promote safety and reliability of the operation of amusement rides, Majestic Manufacturing Inc. has implemented an OEM identification marking on all replacement parts. These identification markings have been implemented into our existing quality control process to further enhance the safety, reliability and traceability of OEM replacement parts from creation to installation.

OEM replacement parts will be identified with the Majestic Manufacturing Inc. trademarked logos along with one or more of the following:

- Quality Control Numerical Codes
- Quality Control QR Codes (See Example 1)
- Quality Control Bar Codes
- Quality Control Lot Numbers
- Quality Control Born on Dates



Example 1: (QR link to Home Page of www.majesticrides.com)

QR code and bar code identification markings can be scanned with a smart device (Example: Cellular phone) with the use of the camera function. The QR application will open a page on the Majestic Manufacturing Inc. website showing the OEM replacement part.

The website will detail the following information of the OEM replacement part:

- Majestic Manufacturing Inc. OEM replacement part number
- Description of the OEM replacement part
- Ride Name OEM replacement part is used for/on
- Image of the OEM replacement part

If an inspector is performing an inspection of an OEM replacement part and the identification mark is absent, damaged or illegible; contact Majestic Manufacturing Inc. for assistance in the verification of whether the part is an OEM replacement part.