

# NAFLIC

*National Association For Leisure Industry Certification*

Standards & Related Documents Committee

TECHNICAL BULLETIN — February 2015

## **385. Zamperla family coaster lap bar cracking**

Zamperla has issued the attached alert concerning cracks forming on the lap bars of their family coaster models where the device is older than 15 years. Further NDT inspection is being requested for such devices. No details are given on the locations of the cracks. Zamperla will be contacted for further information on the defect.

*The information contained within is that of the manufacturer and not NAFLIC. When following the advice from the manufacturer, you are reminded of your duties and responsibilities under HSG175 regarding modifications.*

Ride distributed by:  
Zamperla Spa  
36077 Altavilla Vicentina  
via Mte Grappa 15/17  
ITALY  
Phone: +39 0444 998400  
Fax: +39 0444 573720  
e.mail: zamperla@zamperla.it



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## SERVICE BULLETIN

Ride Manufacturer: A. Zamperla SpA	Affected Production Dates: All
Ride Name: Family Coaster	Affected Serial Nos.: All
Model Number: Family Coaster	

**Abstract Of Issue:**

The rides shall have additional maintenance requirements for the lapbars (part number 9391072028A).

**Reason For Release:**

Cracks have been noted on T-bars (part number 9391072028A) that have been in service for more than 15 years.

**Action To Be Taken:**

Incorporate into the preventive maintenance program of the ride the following:  
A yearly NDT by means of liquid penetrant on all T-bars by using a dye penetrant test, according to EN 571-1/ASTM E165 standards.  
These tests shall be performed by a qualified NDT inspector in accordance with Practice E543 or ASNT Recommended Practice SNT-TC-1A, or both.

**Detail Of Issue:**

T-bars (part number 9391072028A) shall have additional preventive maintenance requirements as listed above.

**Future Action To Be Taken:**

If any cracks are noted during either of the inspections, remove part from service and replace part number 9391072028A with a new part.

Note: General shop terminology for the individual T-bar restraint in this bulletin may also be referred to as a lapbar.