

# NAFLIC

*National Association For Leisure Industry Certification*

Standards & Related Documents Committee

TECHNICAL BULLETIN — June 2016

## **419. Orient Express and adult Dragon Wagon rides manufactured by Wisdom – potential lap bar release during ride**

Inspections by a Pennsylvania Quality Assurance Inspector in the US have revealed that on Dragon Wagons with the ratchet style lap bars, a patron sitting in the front car can easily open the lap bar while the ride is in motion. This can be done intentionally or unintentionally. This lap bar configuration is also on the Wisdom Orient Express and the adult version of the Dragon Wagon. Inspection of three Orient Express rides in addition to the one Dragon Wagon ride indicated all four rides have the same issue.

While sitting in the front seat, if the rider slides his/her right foot towards the lap bar assembly, it is possible for their foot to come into contact with the release lever to the lap bar. Once in contact, they can easily lift the lever causing the lap bar to open (see video in link below).

During the inspections there was no visible sign of a guard that may have been in place from the factory. The assumption is that all Orient Express and adult Dragon Wagon coasters may have this issue and it is worth checking such ride vehicles to ascertain if the passenger restraint mechanism is within reach of riders.

See video at this link: <https://www.youtube.com/watch?v=OV2lQXSCR4I&feature=youtu.be>

Front car...



Lap Bar Assembly right side...



Committee Members: Mr. D Dadswell (Chairman), Mr. A Mellor (Secretary), Mr. P Smith, Mr. J Green,  
Mr. D Cox, Mr. M Thirkettle, Mr. I Davies, Mr. J Shilling & Mr. D Inman

Foot lifting the release lever...



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