

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN - SEPTEMBER 2005

303. Pinfari ZL 42 Shoulder Restraint

At the beginning of June 2005 we received notification of a failure, during initial operation, of a shoulder restraint on a Pinfari ZL 42 roller coaster car.

The restraint system is locked by a single hydraulic cylinder.

It is understood that the later-supplied cars from Pinfari, and the newly formed Ridetek company, may be fitted with such a system. It is also known that cars provided with a lap bar type restraint have this type of locking.

The failure involved the shoulder restraint opening during the ride circuit, even though the solenoid / valve had commanded the hydraulic cylinder to lock closed.

It is thought that there could be five(5) similar rides within the UK.

Committee Members :- Dr Garry Fawcett MBE (Chairman), Mr Richard Barnes, Mr Peter Smith,
Mr Ian Grant, Mr Eddy Price & Mr Dave Inman

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