U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: PE 12-015
Date Opened: 06/14/2012
Investigator: Robert Young **Reviewer:** Bruce York-B
Approver: Frank Borris
Subject: Wheelchair lift roll stop failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: RICON CORPORATION
Products: 2005 Ricon "Mirage" Wheelchair lifts
Population: 3,000 (Estimated)

Problem Description: Roll stop fails to lock

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	1	TBD	1
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	1	TBD	1
Number of Injuries:	1	TBD	1
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: Open PE

Summary:

New York City transit system reports an injury incident occurred when a Ricon "Mirage" wheelchair lift malfunctioned while lifting an occupied 'chair. With the lift elevated about 3 feet, the wheel chair rolled back and through the rollstop causing the chair and occupant to fall backward to the ground. The passenger sustained a broken arm and clavicle.

Subsequently, Ricon found the roll stop mechanical lock did not always engage and is working on a remedy for the NYC transit fleet.