

Part 573 Safety Recall Report

23C-001

Manufacturer Name : Columbus Trading-Partners USA, Inc.**Submission Date :** FEB 10, 2023**NHTSA Recall No. :** 23C-001**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Columbus Trading-Partners USA, Inc.**Number of potentially involved :** 31,080**Address :** 225 Byers Road**Estimated percentage with defect :** 100 %**Miamisburg OH 45342****Company phone :** 937-415-3215**Child Restraint Information :****Make 1 :** CYBEX**Model :** Aton**Seat Type :** REARFACING INFANT SEAT**Model No. :** 514***Platform Name / No. :** NR**Brand Name :** NR

Descriptive Information : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates. The first date any seats were manufactured with recalled webbing was June 6, 2017. CTP/ CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b)(1). The total number of Aton child restraints manufactured in this time period is 1017.

Aton Models: 514104041, 514104042, 514104043, 514104044, 514104045, 514104046, 514104052

Production Dates : MAR 29, 2017 - JAN 04, 2020

Make 2 : CYBEX

Model : Aton Q

Seat Type : NR

Model No. : 515*, 517*

Platform Name / No. : NR

Brand Name : NR

Descriptive Information : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates. The first date any seats were manufactured with recalled webbing was June 6, 2017. CTP/ CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b)(1). The total number of Aton Q child restraints manufactured in this time period is 4422.

Aton Q Models: 515104283, 515104284, 515104285, 515104286, 515104287, 515104288, 515104289, 515104290, 515104291, 515104292, 515104293, 515104294, 515104295, 515104296, 515104298, 515104309, 517001703, 517001707, 517001709

Production Dates : MAR 13, 2017 - JAN 03, 2020

Make 3 : CYBEX

Model : Aton M

Seat Type : REARFACING INFANT SEAT

Model No. : 518*, 519*

Platform Name / No. : NR

Brand Name : NR

Descriptive Information : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates. The first date any seats were manufactured with recalled webbing was June 6, 2017. CTP/ CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b)(1). The total number of Aton M child restraints manufactured in this time period is 6372.

Aton M Models: 518002089, 518002091, 518002093, 518002095, 518002097, 518002099, 518002101, 518002859, 518002863, 518002865, 518002867, 519000193

Production Dates : MAR 07, 2018 - NOV 01, 2020

Make 4 : CYBEX

Model : Aton 2

Seat Type : REARFACING INFANT SEAT

Model No. : Various

Platform Name / No. : NR

Brand Name : NR

Descriptive Information : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates. The first date any seats were manufactured with recalled webbing was June 6, 2017. CTP/ CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b)(1). The total number of Aton 2 child restraints manufactured in this time period is 10,539.

Aton 2 Models: 515103001, 515103003, 515103005, 515103007, 515103009, 515103011, 515103013, 515103015, 515103017, 515103019, 519003595, 519003597, 519003599, 519003601, 519003603, 519003605, 519003607, 519003609, 519004629, 519004631, 519004633, 521001427

Production Dates : MAR 29, 2017 - OCT 27, 2020

Make 5 : CYBEX

Model : Cloud Q

Seat Type : REARFACING INFANT SEAT

Model No. : Various

Platform Name / No. : NR

Brand Name : NR

Descriptive Information : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates. The first date any seats were manufactured with recalled webbing was June 6, 2017. CTP/CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b) (1). The total number of Cloud Q child restraints manufactured in this time period is 8730.

Cloud Q Models: 515140105, 515140106, 515140107, 515140108, 515140109, 515140110, 515140111, 515140112, 515140113, 515140114, 515140115, 515140116, 515140117, 515140118, 515140119, 515140120, 515140121, 517001039, 517001047, 517001049, 517001053, 517001055, 517001057, 517901718, 517901722, 517901723, 517901724, 517901725, 517901726, 517901727, 517901728, 517901729, 517901730, 517901731, 517901732, 517901733, 517901734, 517901735, 519000013, 519000015, 519000137, 519003169, 519003859, 519003863, 519003939, 519003941, 519003943, 519003945, 519003947, 519004367, 519004369, 521000069, 521001299, 521001301, 521001303, 521001857, 521001977, 521003117

Production Dates : JUL 06, 2017 - OCT 20, 2020

Description of Noncompliance :

Description of the Noncompliance : The 1-inch-wide webbing used in the central front adjuster does not have a breaking strength of not less than 75 percent of the new webbing strength when tested in accordance with S5.1(b) of FMVSS No. 209.

FMVSS 1 : 213 - Child restraint systems

FMVSS 2 : 209 - Seat belt assemblies

Description of the Safety Risk : CTP/CYBEX has determined that the 1-inch-wide webbing strap used in the center front adjuster to snugly adjust the shoulder harness straps onto the child does not meet the retained strength requirements after hex bar abrasion as specified in FMVSS No. 213, S5.4.1.2(b) (1). If the adjuster webbing becomes frayed or worn, which can reduce the strength of the webbing, the webbing could fail to properly restrain the occupant in the event of a vehicle crash.

Description of the Cause : The CTP/CYBEX infant car seat supplier of adjuster strap assemblies,

Holmbergs Safety Systems Co., Ltd., produces child restraint safety components for global markets. The adjuster strap assembly manufacturer was responsible for certifying compliance of their components to FMVSS 213. In response to a NHTSA information request, CTP/CYBEX and Holmbergs reviewed the production test reports and determined that the methods used to establish the abraded strength of the adjuster webbing was different from that defined in FMVSS No. 213, S5.4.2.1(b)(1), S5.1(d), Hex Bar Test. Subsequent hex bar testing data of historical samples of adjuster webbing straps were conducted and combined with FY2021 NHTSA Annual Compliance component test results to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name : Harness

Component Description : Central Adjuster Webbing

Component Part Number : 40-1823-XX; 40-9911-1X; 40-9911-XX; 40-1443-XX; 40-1412-XX

Supplier Identification :

Component Manufacturer

Name : Holmbergs Safety Systems Co., Ltd.

Address : 5985 West Main Street
Kalamazoo Michigan 49009

Country : United States

Chronology :

July 22, 2021

National Highway Traffic Safety Administration (NHTSA) Office of Vehicle Safety Compliance (OVSC) notified Columbus Trading Partners (CTP) of a possible noncompliance of the Cybex Aton M child restraint system, model number 518002097, to the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 213, "Child Restraint Systems." (NEF-220Kad)

The child restraint system did not meet the requirements in S5.4.1.2(b)(1) because the adjuster webbing median strength, after being subjected to hex bar abrasion, was below the minimum strength requirement. CTP/CYBEX and adjuster webbing supplier, Holmbergs, began investigations.

September 20, 2021

CTP/CYBEX responded to NHTSA's Information Request with findings from internal investigations.

CTP/CYBEX, Holmbergs, and NHTSA continued investigations and meetings to review findings.

February 8, 2022

CTP/CYBEX received a Final Report No. 4807558-024 dated January 14, 2022 verifying that the 1-inch-wide webbing for seats manufactured after November 1, 2020 is compliant to FMVSS S5.4.1.2(b)(1).

July 5, 2022

CTP/CYBEX filed a petition for inconsequential noncompliance based on component test data and crash test data. (Petition 00576)

August 4, 2022

CTP/CYBEX amended the petition with additional information.

January 31, 2023

NHTSA issued a denial of CTP/CYBEX's petition.

Description of Remedy :

Description of Remedy Program : CTP/CYBEX is providing all owners of affected Aton, Aton 2, Aton M, Aton Q, and Cloud Q infant car seats manufactured between June 6, 2017 and November 1, 2020 a remedy kit, free of charge, that includes a replacement central adjuster strap assembly and instructions for its installation. A link to a video demonstrating the removal of the recalled central adjuster webbing and the installation of the replacement central adjuster strap assembly is included with the instructions.

1. CTP/CYBEX will send remedy kits to registered product owners via mail without any action of the owner.
2. CTP/CYBEX will send remedy kits to product owners that contact CTP/CYBEX via email, telephone, or web contact.
3. CTP/CYBEX will notify dealers and retailers with information that product owners need to receive remedy kits.

How Remedy Component Differs from Recalled Component : The recalled webbing has one end folded over and sewn. The remedy webbing does not have one end folded over and sewn. The recalled webbing has 4 woven panels running lengthwise. The remedy webbing has 2 woven panels running lengthwise.

Identify How/When Recall Condition was Corrected in Production : Hex bar testing of historical samples of adjuster webbing straps were conducted to establish production lots of the 1-inch-wide webbing strap that were compliant and noncompliant. Production records were used to determine the population of affected infant car seats and the range of applicable dates.

Recall Schedule :

Description of Recall Schedule : February 17th – Consumer letter and remedy kit proposed to NHTSA

February 24th – NHTSA approves consumer letter and remedy kit

March 10th – Receive and review repair kits

March 13th – Ship remedy kits to consumers / Planned owner notification start date

March 24th – Receive and review Cloud Q repair kits

March 27th – Ship remedy kits to consumers

April 7th - Planned owner notification end date

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAR 13, 2023 - APR 07, 2023

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported