

# Part 573 Safety Recall Report

# 23C-002

**Manufacturer Name :** Dorel Juvenile Group

**Submission Date :** MAR 10, 2023

**NHTSA Recall No. :** 23C-002

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Dorel Juvenile Group

**Address :** 2525 STATE STREET  
COLUMBUS IN 47201

**Company phone :** 800-544-1108

## Population :

**Number of potentially involved :** 59,457

**Estimated percentage with defect :** 15 %

## Child Restraint Information :

**Make 1 :** Safety 1st

**Model :** onBoard 35 SecureTech

**Seat Type :** REARFACING INFANT SEAT

**Model No. :** IC351

**Platform Name / No. :** NR

**Brand Name :** NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this noncompliance.

**Production Dates :** MAY 01, 2022 - FEB 28, 2023

Make 2 : Maxi-Cosi

Model : Coral XP

Seat Type : NR

Model No. : IC313

Platform Name / No. : NR

Brand Name : NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this non-compliance.

**Production Dates :** MAY 01, 2020 - FEB 28, 2023

Make 3 : Maxi-Cosi

Model : Mico XP Max

Seat Type : NR

Model No. : IC337

Platform Name / No. : NR

Brand Name : NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this non-compliance.

**Production Dates :** JAN 01, 2021 - FEB 28, 2023

Make 4 : Maxi-Cosi

Model : Mico XP

Seat Type : NR

Model No. : IC336, IC338

Platform Name / No. : NR

Brand Name : NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this non-compliance.

**Production Dates :** SEP 01, 2020 - FEB 28, 2023

Make 5 : Maxi-Cosi

Model : Mico Luxe+

Seat Type : NR

Model No. : IC370

Platform Name / No. : NR

Brand Name : NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this non-compliance.

**Production Dates :** JAN 01, 2022 - FEB 28, 2023

Make 6 : Maxi-Cosi

Model : Infant Base

Seat Type : NR

Model No. : IC335

Platform Name / No. : NR

Brand Name : NR

**Descriptive Information :** On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this non-compliance.

**Production Dates :** MAY 01, 2020 - FEB 28, 2023

## Description of Noncompliance :

**Description of the Noncompliance :** During an FMVSS No. 213 dynamic compliance test, an IC351 model, which was secured to the test bench with base using lower anchors, exhibited a noncompliance to 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element.

**FMVSS 1 :** 213 - Child restraint systems

**FMVSS 2 :** NR

**Description of the Safety Risk :** Because the IC351 and similar models can fail S5.1.1(a) of FMVSS No. 213, they may not maintain secure installation in the vehicle during a crash increasing the risk of injury to the child restraint occupant.

**Description of the Cause :** Dorel believes that the self-retracting lower anchor mechanism in the base of the recalled models can experience resistance during normal activation causing deformation of the feature that is intended to move the retractor mechanism into the fully locked position. Once the feature is deformed, the lower anchors in the base may not keep the child restraint securely installed to the vehicle during a crash.

**Identification of Any Warning that can Occur :** NR

**Involved Components :**

Component Name : NR

Component Description : NR

Component Part Number : NR

**Supplier Identification :****Component Manufacturer**

Name : Zhongshan Roadmate Juvenile Products Co.

Address : No.202 Kuixing Road,Dongsheng Town  
Zhongshan, Guangdong Foreign States 528414

Country : China

**Chronology :**

On 2/24/2023, Dorel received test results from a 3rd party test lab for a Safety 1st onBoard 35 SecureTech (model IC351) sample exhibiting a failure of 49 CFR 571.213 S5.1.1(a) for a complete separation of a load bearing structural element. An early hypothesis is formulated about the proper function of the self-retracting lower anchor mechanism in the base of the IC351. The same type of mechanism is identified as also being used in the base of a several other product models in Dorel's current portfolio. Out of an abundance of caution, all suspect models were quarantined and placed on hold from sale in Dorel's warehouses. Between 2/27/2023 and 3/1/2023, the sample tested by the 3rd party test lab and multiple additional suspect samples selected across a wide range of available manufacture lots are shipped to and reviewed at Dorel's Indiana factory using a functional check and tear down inspection procedure. 5 of 33 suspect sample models inspected are identified as exhibiting the same concerning lower anchor self-retracting mechanism issue as the IC351 sample returned from the test lab. Dorel has received no reports of injuries related to this noncompliance. 3/10/2023 - 7 units added to the number of affected units involved after review of on hold records.

**Description of Remedy :**

Description of Remedy Program : Owners may continue to use their car seat with the base or with shell only when secured using the vehicle belt restraint system, consistent with the existing instruction booklet and labels. A free replacement base will be sent to the owners once available.

How Remedy Component Differs from Recalled Component : To Be Determined

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : NR  
Planned Dealer Notification Date : MAR 24, 2023 - MAR 24, 2023  
Planned Owner Notification Date : APR 07, 2023 - APR 28, 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