

# Part 573 Safety Recall Report

# 23V-005

**Manufacturer Name :** ABS Remorques**Submission Date :** JAN 31, 2023**NHTSA Recall No. :** 23V-005**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : ABS Remorques

Address : 445, Boul industriel

Boul industriel Val-des-Sources 00 J1T

4V4

Company phone : 579-6216

**Population :**

Number of potentially involved : 23

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2014-2023 ABS RC-WC-LRC-LWC

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

**Descriptive Information :** After receiving recent claims regarding the failure of the king pin in some of ABS' semi-trailers, ABS has investigated the cause of said failures. In December 2022 and January 2023, ABS, upon further investigation and reviews, conducted an analysis of the coupling plate and the king pin, and determined that the coupling plate was not robust enough to withstand loads which may occur in this configuration. Redesign activities were initiated to design a coupling plate that will be able to withstand loads based on collected road load data.

Production Dates : MAR 03, 2014 - SEP 12, 2022

VIN Range 1 : Begin : 2A942M6N8K1114006 End : 2A911CH41N1114079  Not sequential**Description of Defect :**

**Description of the Defect :** ABS extends a voluntary safety recall campaign involving the potential weakness of the coupling plate leading to a premature deterioration of the said plate and may lead to the king pin to fail.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** ABS has determined that under certain load conditions the coupling plate may show signs of premature deterioration such as tears, weaknesses, damages, bending, and loose, missing, or other signs of abnormal wear, tear or any breakage or damage which may result in the king pin to fail. If this condition occurs, the semi-trailer could detach from the tractor and therefore the semi-trailer could become uncontrollable for the operator with the possibility of overturning or blocking the road.

**Description of the Cause :** ABS determined that the coupling plate was not robust enough to withstand loads which may occur in this configuration

**Identification of Any Warning that can Occur :** If this condition occurs, the semi-trailer could detach from the tractor and therefore the semi-trailer could become uncontrollable for the operator with the possibility of overturning or blocking the road. This condition can cause injuries, property damage, bodily injury, and death.

## Involved Components :

**Component Name 1 :** Coupling plate on ABS trailers MY2014 to MY2023

**Component Description :** Coupling plate

**Component Part Number :** A-12-000 - A-12-800

## Supplier Identification :

### Component Manufacturer

**Name :** ABS Remorques

**Address :** 445, Boul industriel  
Boul industriel Val-des-Sources Foreign States J1T 4V4

**Country :** Canada

## Chronology :

September 2nd, 2022: ABS is informed that a king pin has failed on one of its units resulting from a problem with the coupling plate, but no death or injury has occurred. The repairs are made, and an analysis is requested on said coupling plate, but no results are obtained by the external lab because of the corrosion of the semi-trailer.

November 16th, 2022: ABS is informed that another unit has suffered from the same defect as previously mentioned, again without any death or injury. Repairs are subsequently made, and an in-depth investigation begins on other semi-trailers to evaluate the problem. Following various visual inspections on ABS 'semi-trailers by ABS' warranty and engineering team, ABS started doubting the robustness of the coupling plate.

In December 2022 and January 2023, ABS, upon further investigation and reviews, conducted an analysis of the coupling plate and the king pin, and determined that the coupling plate was not robust enough to withstand loads which may occur in this configuration. Redesign activities were initiated to design a coupling plate that will be able to withstand loads based on collected road load data.

On January 10, 2023, ABS determined that a safety recall is warranted for some of its trailers.

## Description of Remedy :

**Description of Remedy Program :** ABS will conduct a voluntary safety recall at no charge to the vehicle owners. ABS will inform the vehicle owners in the owner notification letter that it will conduct the recall and provide the contact information. The repair, which is outlined in the Coupling Plate Replacement Procedure, must be performed at an ABS authorized facility and will be at no cost to the owners (ABS will pay the cost of the prescribed repair). Semi-trailer owners must take their equipment to any repair shop ABS has approved. ABS will consider authorizing additional facilities if there are none in an owner's area. Until the repairs are performed in accordance with the instructions set out in Coupling Plate Replacement Procedure, semi-trailer owners shall make sure to inspect their semi-trailer(s) in accordance with the attached inspection procedure for any indication of tears, weaknesses, damages, bending, loose, missing or signs of abnormal wear, tear or any breakage or damage that may result in the king pin to fail. In such case, semi-trailer owners shall not operate their semi-trailer and shall communicate immediately with ABS to take all measures in order to proceed with the appropriate repair.

ABS will also inform vehicle owners that in the event they have already made the repairs at they own cost, in the year before the current notice (January 12, 2022), they can submit a reimbursement request to [garantie@abstrailers.com](mailto:garantie@abstrailers.com) in order to obtain such refund. Owners will be allowed to address such request for a period ending 10 days after the last notification to an owner has been sent.

**How Remedy Component Differs from Recalled Component :** New design of the coupling plate that will be able to withstand loads based on collected road load data.

**Identify How/When Recall Condition was Corrected in Production :** After receiving recent claims regarding the failure of the king pin in some of ABS' semi-trailers, ABS has investigated the cause of said failures. We stopped the delivery of every units beggining of november 11 and every trailer stock will be repaired before delivery. By the end of december we started back the production line with the new coupling plate design

## Recall Schedule :

**Description of Recall Schedule :** The notice of default will be sent to vehicle owners at the latest by February 10, 2023.  
**Planned Dealer Notification Date :** SEP 03, 2023 - SEP 03, 2023  
**Planned Owner Notification Date :** SEP 03, 2023 - SEP 03, 2023

\* NR - Not Reported