

# Part 573 Safety Recall Report

# 22E-061

**Manufacturer Name :** Hitachi Cable America Inc.

**Submission Date :** AUG 25, 2022

**NHTSA Recall No. :** 22E-061

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Hitachi Cable America Inc.

**Address :** 5300 Grant Line Road

New Albany IN 47150

**Company phone :** 812-941-2757

## Population :

**Number of potentially involved :** 26,672

**Estimated percentage with defect :** NR

## Equipment Information :

**Brand / Trade 1 :** Hitachi Cable America Inc

**Model :** PVC Brake Hose Assembly

**Part No. :** See Attachment A

**Size :** See Attachment A

**Function :** NR

**Descriptive Information :** Brake hose assemblies made with an inner PTFE tube, 8-wire stainless steel braided cable layer, and an outer PVC layer (the "PVC brake hose assemblies"). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley-Davidson, Inc. ("Harley"). HCA has also sold assemblies for use by Harley as service parts and as Harley-branded modular brake line kits for motorcycle customization before and after sale to first purchasers.

**Production Dates :** MAY 02, 2022 - JUL 16, 2022

**Brand / Trade 2 :** Hitachi Cable America Inc

**Model :** Nylon Brake Hose Assembly

**Part No. :** See Attachment A

**Size :** See Attachment A

**Function :** NR

**Descriptive Information :** Brake hose assemblies made with an inner PTFE tube, 6-wire stainless steel braided cable layer, and an outer Nylon layer (the "Nylon brake hose assemblies"). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley-Davidson, Inc. ("Harley"). HCA has also sold assemblies for use by Harley as service parts and as Harley-branded modular brake line kits for motorcycle customization before and after sale to first purchasers.

**Production Dates :** MAY 02, 2022 - MAY 14, 2022

Brand / Trade 3 : Hitachi Cable America Inc  
Model : Revised Socket Nylon Brake Hose Assembly  
Part No. : See Attachment A  
Size : See Attachment A  
Function : NR

Descriptive Information : Certain Nylon brake hose assemblies produced after June 8, 2022 and that incorporated a revised socket design (the “revised socket Nylon brake hose assemblies”). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley-Davidson, Inc. (“Harley”).

Production Dates : JUN 09, 2022 - JUL 01, 2022

## Description of Noncompliance :

Description of the Noncompliance : Third party lab and company FMVSS 106 testing of Nylon (original and new socket re-design) and PVC brake hose assemblies has produced variable results. Specifically, during whip and water absorption whip tests, damage to the hose in certain PVC brake hose assemblies has been observed. During the burst testing component of brake fluid compatibility and high temperature impulse tests, marginal leaking from certain Nylon brake hose assemblies has been observed during the pressure hold portion of the tests. However, despite the marginal leakage during the pressure hold, the Nylon brake hose assemblies passed the burst testing component of the test in excess of FMVSS 106’s requirements. This mixed testing record raises the possibility of noncompliance with FMVSS 106 and, accordingly, out of an abundance of caution, HCA is filing this report.

FMVSS 1 : 106 - Brake hoses

FMVSS 2 : NR

Description of the Safety Risk : Testing has not identified any safety risks associated with the noncompliance, and HCA intends to file a petition for inconsequentiality.

Description of the Cause : The cause is under investigation.

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 : NR

Address : NR

NR

Country : NR

**Chronology :**

See Attachment B.

**Description of Remedy :**

Description of Remedy Program : Pursuant to 49 U.S.C. 30118(d); 30120(h); and 49 C.F.R. part 556, HCA intends to seek an exemption from the notification and remedy requirements of 49 U.S.C. Chapter 301 on the basis that the potential noncompliance disclosed in this report is inconsequential as it relates to motor vehicle safety.

How Remedy Component Differs NR  
from Recalled Component :

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

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

**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 : Harley-Davidson Motor Company (sole OEM)

Address : 3700 W. Juneau Avenue  
Milwaukee WI 53201-0653

Country : US

Company Phone : 4143434056

Name : Hitachi Astemo Findlay, Inc.

Address : 1901 Industrial Drive  
Findlay OH 45840

Country : US

Company Phone : 4194256725

Name : Brembo North America, Inc.

Address : 47765 Halyard Drive  
Plymouth MI 48170

Country : US

Company Phone : 7344682100

Name : Whitewater Manufacturing Co.

Address : 1108 Bluff Road  
Whitewater WI 53190

Country : US

Company Phone : 2624733100

\* NR - Not Reported

# Part 573 Safety Recall Report

# 22E-061

**Manufacturer Name :** Hitachi Cable America Inc.

**Submission Date :** MAY 15, 2023

**NHTSA Recall No. :** 22E-061

**Manufacturer Recall No. :** NR



## Manufacturer Information :

## Population :

**Manufacturer Name :** Hitachi Cable America Inc.

**Number of potentially involved :** 6,139,858

**Address :** 5300 Grant Line Road

**Estimated percentage with defect :** NR

New Albany IN 47150

**Company phone :** 812-941-2757

## Equipment Information :

**Brand / Trade 1 :** Hitachi Cable America Inc

**Model :** PVC Brake Hose Assembly

**Part No. :** Attach. A, A1, A2, C

**Size :** Attach. A, A1, & A2

**Function :** NR

**Descriptive Information :** Certain brake hose assemblies made with an inner PTFE tube, 8-wire stainless steel braided cable layer, and an outer PVC layer (the "PVC brake hose assemblies"). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley-Davidson, Inc. ("Harley"). HCA has also sold assemblies for use by Harley as service parts and as Harley-branded modular brake line kits for motorcycle customization before and after sale to first purchasers.

**Production Dates :** FEB 28, 2007 - OCT 13, 2022

**Brand / Trade 2 :** Hitachi Cable America Inc

**Model :** Revised Socket Nylon Brake Hose Assembly

**Part No. :** See Attachment A

**Size :** See Attachment A

**Function :** NR

**Descriptive Information :** Certain Nylon brake hose assemblies produced after June 8, 2022 and that incorporated a revised socket design (the "revised socket Nylon brake hose assemblies"). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley, Inc.

**Production Dates :** JUN 09, 2022 - JUL 01, 2022

Brand / Trade 3 : Hitachi Cable America Inc

Model : Nylon Brake Hose Assembly

Part No. : Attach. A, A1 & A2

Size : Attach. A, A1 & A2

Function : NR

**Descriptive Information :** Certain brake hose assemblies made with an inner PTFE tube, 6-wire stainless steel braided cable layer, and an outer Nylon layer (the “Nylon brake hose assemblies”). The assemblies were sold for use as original equipment exclusively in motorcycles manufactured by Harley. HCA has also sold assemblies for use by Harley as service parts and as Harley-branded modular brake line kits for motorcycle customization before and after sale to first purchasers.

**Production Dates :** NOV 15, 2015 - MAY 14, 2022

## Description of Noncompliance :

**Description of the Noncompliance :** Third party lab and company FMVSS 106 testing of Nylon (original and new socket re-design) and PVC brake hose assemblies has produced variable results. Specifically, during whip and water absorption whip tests, damage to the hose in certain PVC brake hose assemblies has been observed. During the burst testing component of brake fluid compatibility and high temperature impulse tests, leakage from certain Nylon brake hose assemblies has been observed during the pressure hold portion of the tests. (See Technical Report in Support of Hitachi Cable America, Inc. Petition for Inconsequential Noncompliance—FMVSS 106, Brake Hoses, p. 15). Third party testing also produced variable constriction test results involving PVC and Nylon brake hose assemblies manufactured during certain periods.

In addition to third party lab and company testing, a review of historical FMVSS 106 test data indicates that certain PVC brake hose assemblies do not comply with the whip and water absorption whip test requirements and certain Nylon brake hose assemblies do not comply with the brake fluid compatibility, high temperature impulse, whip and water absorption whip test requirements for certain periods. Moreover, a review of historical FMVSS 106 and production test data indicates that certain PVC brake hose assemblies manufactured during certain periods do not comply with the tensile, burst, and high temperature impulse test requirements.

FMVSS 1 : 106 - Brake hoses

FMVSS 2 : NR

**Description of the Safety Risk :** HCA filed a petition for inconsequentiality (the “Petition”) on August 19, 2022 in connection with its initial Part 573 Report, and supplemented the Petition on November 10, 2022. HCA intends to file an additional supplement to its Petition in connection with this amended report.

Description of the Cause : The cause is under third party technical investigation.

Identification of Any Warning NR  
that can Occur :

## Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

See Attachments B, B1, and B2.

## Description of Remedy :

Description of Remedy Program : Pursuant to 49 U.S.C. 30118(d); 30120(h); and 49 C.F.R. part 556, HCA is seeking an exemption from the notification and remedy requirements of 49 U.S.C. Chapter 301 on the basis that the noncompliance disclosed in this report is inconsequential as it relates to motor vehicle safety.

How Remedy Component Differs NR  
from Recalled Component :

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

## Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

## 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 : Harley-Davidson Motor Company (sole OEM)

Address : 3700 W. Juneau Avenue  
Milwaukee WI 53201-0653

Country : US

Company Phone : 4143434056

Name : Whitewater Manufacturing Co.

Address : 1108 Bluff Road  
Whitewater WI 53190

Country : US

Company Phone : 2624733100

Name : Anderson Packaging, LLC

Address : PO Box 407  
Butler WI 53007-0407

Country : US

Company Phone : NR

Name : Hitachi Astemo Findlay, Inc.

Address : 1901 Industrial Drive  
Findlay OH 45840

Country : US

Company Phone : 4194256725

Name : Brembo North America, Inc.

Address : 47765 Halyard Drive  
Plymouth MI 48170

Country : US

Company Phone : 7344682100



Name : Hayes Performance Systems

Address : 5800 West Donges Bay Road  
Mequon WI 53092

Country : US

Company Phone : 2622424300

\* NR - Not Reported

**ATTACHMENT C**

Proterial Cable America, Inc.  
(Submitted May 15, 2023)

Proterial Cable America, Inc. is amending its Part 573 Report and Attachment A2 to remove three part numbers (99-29318, 28-28025, 99-28344) and attendant shipment quantities that do not correspond to brake hose assemblies subject to FMVSS 106.