

Part 573 Safety Recall Report

20V-796

Manufacturer Name : Jayco, Inc.

Submission Date : FEB 19, 2021

NHTSA Recall No. : 20V-796

Manufacturer Recall No. : 9903529



Manufacturer Information :

Manufacturer Name : Jayco, Inc.

Address : 903 South Main Street

PO Box 460 Middlebury IN 46540

Company phone : 800-283-8267

Population :

Number of potentially involved : 1,705

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2020 Jayco Class C Motorhome Seneca

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Production records from MY 2017-2020 - Seneca motorhomes built 4-15-14 to 7-17-19 with a Hydraulic leveling system. with S2 chassis

Production Dates : APR 15, 2014 - JUL 17, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : : The mounting brackets for the leveling system hydraulic pump and reservoir require reinforcement.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Bracket failure may allow the pump and reservoir to come in contact with the ground, creating potential of either complete separation and/or the possibility of hydraulic fluid loss.

Description of the Cause : Bad design

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

10/22/20 Monthly Safety Steering Committee Meeting

- Review of details associated with the Greyhawk/Redhawk Support Bracket
- Vote for additional recall on Greyhawk and Redhawk
- Review of data on all units/claims that having leveling systems
- Authorization to conduct formal investigation and analysis on the Seneca Bracket

12/10/20 Monthly Safety Steering Committee Meeting (Combined November/December)

- Review of formal investigation and analysis on Seneca Brackets
- Found 12 units with failures
- Failure mode is very similar to Greyhawk/Redhawk
- Same concern level for consumer safety
- Design FEA review was preliminary and was not 100% complete
- Request additional discussion after Design FEA is complete on current design and the design that was on earlier units (prior to 7/17/19).

12/14/20 Design FEA Complete

- Stresses and loads seen in the Design FEA are consistent with failures observed on at least three units where pictures were available.
- Additional welds added on 7/17/19 between the Leveling Support Channel and the bottom flange of the chassis main rail show significant improvement in stresses and load observed in design FEA.
- Design FEA correlation to failure photographs. Recommend recalling all Seneca brands produced prior to the 7/17/19 design change date.

12/15/20 Safety Committee reviewed all details and agreed that safety recall is required.

Description of Remedy :

Description of Remedy Program : Jayco Dealers will installed new design of support bracket.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : 7-17-2019 - new specifications placed in action to place extra weld where the hydraulic system channel rests on the bottom flange of the chassis rail.

Recall Schedule :

Description of Recall Schedule : Jayco will release once remedy is know and parts allocated

Planned Dealer Notification Date : FEB 15, 2021 - FEB 15, 2021

Planned Owner Notification Date : FEB 15, 2021 - FEB 15, 2021

* NR - Not Reported