

# Part 573 Safety Recall Report

# 22V-585

**Manufacturer Name :** Pleasure Way Industries, Ltd.

**Submission Date :** AUG 04, 2022

**NHTSA Recall No. :** 22V-585

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Pleasure Way Industries, Ltd.

**Address :** 302 Portage Ave

Saskatoon, SK 00 S7J4C6

**Company phone :** 999

## Population :

**Number of potentially involved :** 225

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2021-2022 Pleasure-Way Plateau TS

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** VAN

**Power Train :** DIESEL

**Descriptive Information :** 2021.5-2022 Plateau TS equipped with the Spyder Controls DCF 4 circuit board. The DCF4 board was only used on 2021.5 and 2022 model years. The DCF4 boards were stamped and labeled for maximum 30 amps, however the boards were manufactured with fuse holder pins that were only rated for 20 amp continuous current. The Plateau TS was the only vehicle manufacturer by Pleasure-Way with a fridge heating element that would draw up to 20 amps continuously. There were 225 Plateau TS models manufactured for 2021.5-2022 model years.

**Production Dates :** AUG 17, 2020 - JUL 29, 2022

**VIN Range 1 :** Begin : W1X8EC3YXLT023456 End : W1X8EC3Y9MT077140  Not sequential

## Description of Defect :

**Description of the Defect :** The DCF 4 circuit board labeled for 30 amps was equipped with pins for the fuse holder that were only rated at 20 amp continuous. The fridge in the Plateau TS when operated in the DC mode can draw up to 20 amps continuously which would require a 30 amp fuse for this load. The 3 way fridge operating on the DC mode would draw up to 20 amps continuously causing the DCF4 board , fuse or wiring to over heat and melt.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The DCF4 board, fuse or wiring melting, could result in fire, which could result in property damage, injury or death.

**Description of the Cause :** The DCF 4 Circuit board was equipped with 20 amp fuse holder pins that were undersized for the 30 amp circuit as labeled.

Identification of Any Warning that can Occur : The fridge operation could become intermittent or fail to operate.

## Involved Components :

Component Name 1 : DCF 4

Component Description : Circuit Board

Component Part Number : BMODWK8TZ

## Supplier Identification :

### Component Manufacturer

Name : Spyder Controls Corp

Address : 7102 #10 52nd Street

Lacombe, AB Foreign States T4L 1Y9

Country : Canada

## Chronology :

The first failure was in May 2022 that was identified by the fridge being intermittent. The fuse on the board was blown with board damage and signs of heating on the input legs of the fuse holder. The DCF4 board was replaced at that time with no further issues. A second DCF4 board failed at the end of May 2022, the failure was internal to the board no visible signs of heating. There were no reports of failures in June for the DCF4 board. July 14, 2022 was the next report of the DCF4 failure with evidence of heating. This board was replaced with a new DCF4 board and the damaged board was requested to be returned to Spyder Controls for analysis. Two other boards had been reported to Pleasure-Way and Spyder controls over the last two week period in July. Pleasure-Way and Spyder controls began testing of the DCF 4 boards. It was determined that the DC fuse holder pins were rated for 20 amp continuous power supply with the fuse location rated at 30 amps. A decision was made to recall all 2021.5 - 2022 Plateau TS vehicles and remove the fridge from the DCF 4 board and place it on a designated relay.

## Description of Remedy :

Description of Remedy Program : The remedy for this recall will be to remove the fridge wiring and fuse from the DCF4 board and install a dedicated fused relay for the fridge operation directly from the switched DC power source. The DCF 4 board will also be relabeled to a maximum of 20 amps, with a statement do not add fuses to this board. The parts will be supplied by Spyder Controls to the repair person/dealer at no charge and the repair person/dealer will be reimbursed at their hourly rate. Estimated time for this repair is 1 hour.

How Remedy Component Differs from Recalled Component : There will be an additional dedicated relay added for the fridge operation and the DCF 4 board will be relabeled.

Identify How/When Recall Condition was Corrected in Production : All units produced after July 29, 2022 will have the additional relay for the fridge and the DCF4 board will be relabeled to 20 amps with the statement do not add fuses to this board.

## Recall Schedule :

Description of Recall Schedule : Pleasure-Way Industries Ltd. in cooperation with Spyder Controls will notify dealers and owners of the Plateau TS motor homes by letter. A Final copy of the owner and dealer letter will be provided to NHTSA along with the repair instructions.

Planned Dealer Notification Date : AUG 15, 2022 - AUG 19, 2022

Planned Owner Notification Date : AUG 15, 2022 - AUG 19, 2022

\* NR - Not Reported