

Part 573 Safety Recall Report

23V-729

Manufacturer Name : Chinook Motor Coach, LLC**Submission Date :** NOV 06, 2023**NHTSA Recall No. :** 23V-729**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Chinook Motor Coach, LLC

Number of potentially involved : 73

Address : 1482 North Eel River Cemetery Road

Estimated percentage with defect : 100 %

Peru IN 46970

Company phone : 574-584-3756

Vehicle Information :

Vehicle 1 : 2022-2024 Chinook Bayside

Vehicle Type : LOW VOLUME VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Chinook Motor Coach is recalling certain model year 2022 thru model year 2024 Bayside motorhomes. This is due to Ford Motor Company filing a recall with NHTSA regarding the 360-degree camera system on these vans.

Production Dates : MAY 01, 2022 - SEP 07, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Owners of the specified Chinook Bayside motorhomes may experience a rear camera blue image or full blue or black image on the SYNC screen when the vehicle is placed in reverse, or when the 360-degree view is selected.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Increased risk of a crash due to the loss of rear camera image while in reverse.

Description of the Cause : Depending on the camera vehicle system, three (3) causal factors can affect rate of defect: camera hardware, wiring retention, and Image Processing Module - B (IPMB) software.

Within the camera, fretting corrosion causes tin oxide formation on the internal camera connector due to thermally induced micro-movement between the tin-plated contact surfaces.

The rate of tin oxide accumulation in the connector is dependent on environmental factors like temperature and humidity. Additionally, internal connector misalignment may occur during the manufacturing process and lead

to permanent contact deformation. Both of these hardware root causes may result in degraded circuit continuity at the rearview camera's internal coaxial connector resulting in a loss of video frames.

Rearview camera circuit integrity may be influenced by the specific vehicle wiring retention.

For the Transit vehicles with 360 View feature, when a loss of video frames in the Valeo IMPB occurs during the re-initialization process, the IPMB software version IT 18.1 is susceptible to displaying a blue image or a full blue or black screen when the vehicle begins a backing event.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : CMR RR FAC VEH DTCT

Component Description : Transit 360 View - Digital Rearview Camera

Component Part Number : NK4T-19G490-AA

Component Name 2 : CMR RR FAC VEH DTCT

Component Description : Transit Digital Rearview Camera

Component Part Number : NK4T-19G490-CA

Component Name 3 : CMR RR FAC VEH DTCT

Component Description : Transit Digital Rearview Camera

Component Part Number : NK4T-19G490-DA

Component Name 4 : IPMB Software (version IT18.1)

Component Description : Transit 360 View IPMB

Component Part Number : LB5T-14F017-AY

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

October 2023 - Chinook Motor Coach received Safety Recall Notice 22S48/NHTSA Recall 23V598 from Ford Motor Company. Chinook reviewed its records to determine which Ford Transit Vans are affected by this recall. Chinook then filed a recall with NHTSA for all affected Chinook Bayside Motorhomes.

Description of Remedy :

Description of Remedy Program :	Ford has filed their recall with NHTSA. Chinook Motor Coach will notify the owners of the affected Ford Transit Vans to take their vehicle to a Ford dealer to have the rearview camera replaced, when parts become available. Some of the Ford Transit Vans will also receive an Image Processing Module - B (IPMB) software update. This will be at no cost to the owners of the affected Ford Transit Vans.
How Remedy Component Differs from Recalled Component :	The remedy camera (NK4T-19G490-AB for Transit with 360 view) will have a gold plated internal connector and improved connector alignment. This vehicle will receive an IPMB software update (LB5T-14F017-BA).
Identify How/When Recall Condition was Corrected in Production :	NR

Recall Schedule :

Description of Recall Schedule :	Mailing of owner notification letters is expected to begin November 22, 2023, and completed by November 29, 2023.
Planned Dealer Notification Date :	NOV 22, 2023 - NOV 29, 2023
Planned Owner Notification Date :	NOV 22, 2023 - NOV 29, 2023

* NR - Not Reported