

Part 573 Safety Recall Report**15V-488****Manufacturer Name :** Ameritrans Bus, Inc.**Submission Date :** JUL 30,2015**NHTSA Recall No. :** 15V-488**Manufacturer Recall No. :** 15E050**Manufacturer Information :**

Manufacturer Name : Ameritrans Bus, Inc.

Address : 3601 C.R. 6

Elkhart IN 46514

Company phone : 5742628935

Population :

Number of potentially involved : 2

Estimated percentage with defect : 20

Vehicle Information :

Vehicle : 2015-2015 2015 Ford E350 225

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : GAS

Descriptive Information : ASA Electronics issued a recall noticed on their VCMS 140I Rear Observation Cameras (Recall # 15E050). Under certain conditions the affected cameras may display a reverse image from what is intended to be displayed to the vehicle's driver. No warnings precede the display of the reverse image.

Production Dates : FEB 01, 2015 - MAR 31, 2015

VIN (Vehicle Identification Number) Range

Begin : 1fdwe3f10fda18803

End : 1fdwe3f67fda16692

 Not sequential VINs

Begin : 1fdwe3f10fda18803

End : 1fdwe3f67fda16692

 Not sequential VINs**Description of Defect :**

Description of the Defect : Under certain conditions the affected cameras may display a reverse image from what is intended to be displayed to the vehicle's driver.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Driver of vehicles cannot rely on image being displayed.

Description of the Cause : The potting material may damage the circuit board for the camera. In some instances, the damage to the circuit board may cause the camera to display a reverse image from what is intended to be displayed to the driver of the vehicle. The affected potting material can damage a 0 Ohm resistor in the circuit board. When the resistor is damaged, the camera will display a reverse image from what is intended to be displayed.

Identification of Any Warning that can Occur : No warnings precede the display of the reverse image.

Supplier Identification :**Component Manufacturer**

Name : ASA Electronics, LLC

Address : 2602 Mariana Drive

Elkhart INDIANA 46514

Country : United States

Chronology :

Ameritrans received a recall (15E050) letter from ASA Electronics mid-month July 2015. According to ASA - the first incident of a reverse image being displayed was reported on January 29th, 2015. A Preliminary repair procedure for the reverse image was provided to the relevant vehicle manufacturer on February 6th, 2015 and a final repair procedure was provided on February 26th, 2015. A 100% stock inspection and root cause analysis were conducted from March to May of 2015. The root cause analysis was validated through lab testing. It was confirmed that the image could reverse intermittently and without prior notice.

ASA Electronics indicated that Ameritrans bus purchased two of the defected cameras. Ameritrans identified the two buses affected and shared the contact information with ASA on July 27th, 2015.

Description of Remedy :

Description of Remedy Program : ASA Electronics will work with vehicle manufacturers, distributors, and fleet owners to implement a camera replacement program. ASA will work with vehicle manufacturers and NHTSA to timely provide owner and purchaser notifications. ASA will work with end users/distributors to process labor claims based on posted hourly rate, schedule installations w/ local dealers, and make the replacement process as easy as possible.

How Remedy Component Differs from Recalled Component : The recall population is different than similar items because affected potting material was used in its manufacture. Process controls have been applied to the receipt, storage, mixing, and application of the potting material to the camera for all future production units. The remedy component will be distinguishable by the alpha numeric code on its label.

Identify How/When Recall Condition was Corrected in Production : ASA performed a root cause analysis in cooperation with the fabricating manufacturer. ASA determined that the product failure was caused by the manner in which a batch of potting material used in the manufacture of the affected units was prepared and stored. Using manufacturing records, we were able to determine that the affected potting material was used in 5 batches of 500 products each. The affected products were manufactured from July of 2014 through

October of 2014, and can be identified by their label.

Recall Schedule :

Description of Recall Schedule : Ameritrans will send out letters to owners & dealers of the affected bus once the recall lettered is approved my NHTSA.

Planned Dealer Notification Date : AUG 03, 2015 - AUG 14, 2015

Planned Owner Notification Date : AUG 03, 2015 - AUG 14, 2015

* NR - Not Reported