



***** IMPORTANT SAFETY RECALL *****
NHTSA Recall No. (20E049)

July 31, 2020

Dear

We are writing to advise you that Allison Transmission Inc. (ATI) has initiated a new voluntary safety recall to expand the scope of a previously announced campaign, NHTSA Recall No. 18E085, to address an issue with the pressure switch (P/N 29506484) used in a specific population of H 40/50 EP Drive Units. The affected Drive Units that are being added to this campaign are within the serial number range 7110008473 through 7110008854.

Due to an out-of-specification material condition at the pressure switch supplier, the plastic molding used in the switch assembly may fracture. This condition may result in a failure of the pressure switch in either an open or closed state, triggering a diagnostic trouble code. In some circumstances, switch failures in the closed position can potentially disable propulsion at any time during a drive cycle without the ability to regain propulsion, presenting an increased risk of a vehicle accident and/or risk related to offloading passengers in the roadway.

Please refer to Field Action 2018FA07, Rev C. A 573 Defect Information Report was submitted to NHTSA on July 17, 2020. (Copy attached.)

Attached is a list of serial numbers shipped to Nova Bus within the affected range. (These are in addition to the units covered by Recall No. 18E085.) ATI's authorized service network will be utilized to replace the C1 and C2 pressure switches used in each affected drive unit at no charge to the customer or to Nova Bus. ATI expects the repair time to range from 1.2 to 4.0 hours, excluding vehicle and shop logistics.

For drive units installed in vehicles that have left your control, we encourage you to make a safety defect determination in accordance with 49 U.S.C. 30118 *et seq.* and, as appropriate, to submit a Defect Notification to NHTSA in accordance with 49 CFR Part 573. At your option, ATI will conduct the recall, including notifying owners pursuant to 49 CFR Part 577 and performing the remedy.

If Nova Bus desires to conduct the owner notification, please advise your ATI OEM Account Manager. ATI would like to review the letter prior to customer distribution. Attached is a copy of ATI's owner notification letter, which has been submitted to NHTSA. If Nova Bus would like



ATI to handle owner notification, we request the following information be provided no later than August 4, 2020:

- Customer Name
- Mailing Address
- Vehicle Identification Number
- Contact Information
 - First Name
 - Last Name
 - Position
 - Email
 - Phone

Please note that Federal law prohibits delivery of these drive units, or vehicles equipped with these drive units, under a sale or lease until this condition has been remedied.

Questions regarding this campaign may be directed to:

Larry Hansen
Director, Field Performance Evaluations
Larry.hansen@allisontransmission.com
(317) 242-3712

Please confirm receipt of this communication.

Sincerely,

A handwritten signature in black ink, appearing to read "Cameron White", written in a cursive style.

Cameron White
Allison Transmission, Inc.
OEM Account Manager
Office: (317) 242-5592
Mobile: (317) 670-9635
cameron.white@allisontransmission.com

Enclosures:

1. ATI Part 573 Defect Notification
2. Owner Notification Letter
3. List of Affected Units