



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

August 4, 2023

Mr. Chuck Switzer
Counsel, Global Business Operations
Allison Transmission, Inc.
One Allison Way
Mail Code L25
Indianapolis, IN 46222

NEF-107KL
23E-056

Subject: Fire Truck Water Pump May Fail

Dear Mr. Switzer:

This letter serves to acknowledge Allison Transmission, Inc.'s notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

ALLISON TRANSMISSION/6TH GEN TCM/9999

Mfr's Report Date: July 24, 2023

NHTSA Campaign Number: 23E-056

Components:

POWER TRAIN:AUTOMATIC TRANSMISSION:CONTROL MODULE (TCM/PCM/TECM)

Potential Number of Units Affected: 584

Problem Description:

Allison Transmission, Inc. (ATI) is recalling certain Emergency Vehicle Series 6th Generation Transmission Control Modules (TCM). The transmission control module (TCM) may fail to achieve the 4th gear transmission lockup needed to initiate the water pump.

Consequence:

Failure to achieve 4th gear lock up may prevent the vehicle from achieving the full sequence needed to pump water, which can increase the risk of injury in an emergency.

Remedy:

Vehicle manufacturers will update the TCM software, free of charge. ATI notified the affected vehicle manufacturers on July 31, 2023. Owners may contact ATI customer service at 1-317-242-5000.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.nhtsa.gov.

We note that your report states that Allison Transmission, Inc. believes that this matter does not have a safety risk. In our view, this statement does not affect Allison Transmission, Inc.'s obligations under the Safety Act, and NHTSA does not agree with it.

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Allison Transmission, Inc.'s contact for this recall will be Kristin Lepper who may be reached by email at kristin.lepper@dot.gov. We look forward to working with you.

Sincerely,



Alex Ansley
Chief, Recall Management Division
Office of Defects Investigation
Enforcement