Part 573 Safety Recall Report

Manufacturer Name :Gillig, LLCSubmission Date :NOV 06, 2023NHTSA Recall No. :23V-740Manufacturer Recall No. :NR

Manufacturer Information :

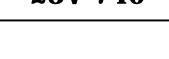
Manufacturer Name : Gillig, LLC Address : 451 Discovery Drive LIVERMORE CA 94551 Company phone : 1-800-735-1500

Vehicle Information :

Descriptive Information :	 Allison Transmission (ATI) has recently launched a campaign (NHTSA id. 23E-079) to recall a population of transmissions Model B3400xFE_R affected by a defect of the bolted connection between the driveline yoke to the transmission output shaft. Because of ATI's decision, GILLIG is recalling the bus population equipped with the transmission model that may be affected by the issue. 	
Production Dates :	JAN 02, 2019 - OCT 26, 2023	
VIN Range 1:	Begin: 15GGB2718K3192507 End: 15GGD2714P3094424 Not sequential	

Description of Defect :

Description of the Defect :	Under certain conditions, the output yoke bolt may loosen and potentially result in separation of the driveline from the transmission output shaft.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	If the driveline separates from the transmission output shaft while driving, the vehicle may experience an unexpected loss of propulsion, which may increase the risk of a crash. Additionally, an immobilized transit bus presents a potential risk of injury to passengers if they are offloaded in an unsuitable environment.
Description of the Cause :	ATI has not yet determined the cause of the loosening of the output yoke bolt. Since transit bus duty cycles have a very high start/stop shift density, ATI indicates that this may generate significantly more torsional activity on this bolted joint than other applications. Testing by ATI is ongoing.



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Number of potentially involved : 4,286 Estimated percentage with defect : 25 %



Population :

23V-740

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Identification of Any Warning ATI indicated that the failure could occur without warning. that can Occur :

Involved Components :

Component Name 1: Output Yoke Bolt

Component Description :Bolt connecting plate 29535213 and yoke 29540327 to output shaft 29540991Component Part Number :PN29535219 (Allison PN)

Supplier Identification :

Component Manufacturer

Name : Allison Transmission

- Address : One Allison Way Indianapolis Indiana 46222
- Country: United States

Chronology:

10/27/2023 GILLIG Compliance Dept. received notification about a new NHTSA recall campaign #23E-079 filed by ATI. The transmission OEM communicated a list of serial numbers of all transmissions potentially affected by the subject issue.

10/26/2023 GILLIG initiated population analysis to determine the affected vehicle population.

11/03/2023 GILLIG notified NHTSA by filing a formal safety recall to address the affected vehicles in the field.

Description of Remedy :

Description of Remedy Program :	ATI will administer this recall. At the time this recall is filed, ATI is working with Gillig to inspect the output yoke bolts and, if necessary, tighten loose output yoke bolts. Pursuant to 49 CFR 577.11(e), ATI has requested
	NHTSA to be exempted from providing a pre-notification reimbursement plan. Pre-notification product failures would have been addressed under the terms of the ATI's or vehicle manufacturer's warranty.
How Remedy Component Differs	ATI communicated that has increased the torgue specification for the

The information contained in this report was submitted pursuant to 49 CFR §573

Identify How/When Recall Condition	In their 573 report, ATI specified that a specification change was
was Corrected in Production :	implemented on October 3, 2023. This change increases the torque on the
	output yoke bolt from 77.5 Nm to 130 Nm. Gillig has implemented factory
	containment on $11/2/2023$.

Recall Schedule :

Description of Recall Schedule :	Recall notices will be sent as soon as NHTSA approves the draft letter. GILLIG does not have a dealer network. Therefore, dealer notification is not required for this recall.
Planned Dealer Notification Date :	DEC 01, 2023 - DEC 01, 2023
Planned Owner Notification Date :	DEC 01, 2023 ⁻ DEC 01, 2023

* NR - Not Reported

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