

Part 573 Safety Recall Report

19V-893

Manufacturer Name : Foretravel, Inc.**Submission Date :** DEC 16, 2019**NHTSA Recall No. :** 19V-893**Manufacturer Recall No. :** 19V-360**Manufacturer Information :**

Manufacturer Name : Foretravel, Inc.

Address : 1221 N.W. Stallings Drive
Nacogdoches TX 75964

Company phone : 936-564-8367

Population :

Number of potentially involved : 5

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Foretravel Realm and iH45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Foretravel was notified by Spartan Motors of the VIN numbers affected.

Production Dates : JUN 20, 2019 - AUG 09, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Vehicles affected by this recall may be equipped with brake relay valves in which an orifice within the valve may be restricted inhibiting air flow. The restriction of air flow can cause the affected vehicles to fail to comply with the service brake application timing requirements S5.3.3.1 (a) With an initial service reservoir system air pressure of 100 psi, the air pressure in each brake chamber shall, when measured from the first movement of the service brake control, reach 60 psi in not more than 0.45 second in the case of trucks and buses...

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : Depending on the amount of restriction, an increase in the application of the service brakes may result in an increase in stopping distance which may result in a crash.

Description of the Cause : Pending Per Spartan Motors

Identification of Any Warning : While the condition may be detected by brake drag due to slow release of the service brakes, an increase in stopping distance may occur without warning

that can Occur : and potentially increase the risk of a crash.

Supplier Identification :

Component Manufacturer

Name : Haldex Products de Mexico, S. A. de C. V
Address : Carr. libre a Miguel Aleman km 20.5 Prol
FOREIGN STATES
Country : Mexico

Chronology :

Spartan Motors notified Foretravel on May 20, 2019 the following defect existed from testing. On February 8, 2019, during internal brake timing testing, an emergency response chassis cab was tested and found to grossly exceed the service brake application timing requirements. The brake relay valve was removed and determined to be an attribute to the failed timing. The relay valve was returned to Wabco, who in turn returned the valve to Haldex, for evaluation. On, or near, March 28 2019 Wabco informed Spartan that Haldex determined the returned brake relay valve had air flow restriction due to a "missed" machining process. Spartan asked for more information to try and determine the potential number of affected brake relay valves. On April 22, 2019 and after having traced information to the casting supplier located in China, Spartan received information from Wabco that identified shipment data for a suspect lot of brake relay valves. Spartan then traced the parts subject to that shipment to specific vehicle identification numbers. On April 30, 2019 a final review of all information was conducted and on May 6, 2019 in an overabundance of caution, Spartan made the determination a non-compliance to FMVSS 121 may exist in the affected vehicles.

Description of Remedy :

Description of Remedy Program :	Foretravel will issue owner and dealer notifications to have the valve inspected and if needed, replaced at no charge. All vehicles affected by this recall are within their warranty period and any identified non-conforming parts would be replaced through warranty.
How Remedy Component Differs from Recalled Component :	In certain cases, valves determined to be conforming were marked with a green dot.
Identify How/When Recall Condition was Corrected in Production :	On, or near, March 12, 2019, valves in process and in inventory were inspected to ensure the orifices were not blocked. Other than the one piece from the test in February 2019, no other non-conforming relay valves have been identified. On or around May 21, 2019 Foretravel started correcting units on the production line.

Recall Schedule :

Description of Recall Schedule : Spartan will issue owner and dealer notifications on the dates provided.

Planned Dealer Notification Date : DEC 27, 2019 - DEC 30, 2019

Planned Owner Notification Date : DEC 30, 2019 - DEC 31, 2019

* NR - Not Reported