

Part 573 Safety Recall Report

19V-283

Manufacturer Name : Proterra Inc.**Submission Date :** NOV 04, 2019**NHTSA Recall No. :** 19V-283**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Proterra Inc.

Address : 1815 Rollins Road
Burlingame CA 94010

Company phone : 4380000

Population :

Number of potentially involved : 49

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2018 Catalyst Catalyst 40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Mesh cap on tow airline fitting can be clogged with road debris in inclement weather causing air pressure to build up in rear brake system causing rear brake drag.

Production Dates : JAN 01, 2015 - DEC 31, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain buses are equipped at customer request with a tow fitting and airline that allows a tow truck to operate the rear brakes on the vehicle. The mesh cap covering the airline for the tow fitting can be clogged with road debris in inclement weather which may result in air pressure build up in rear brake system causing rear brake drag.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The mesh cap covering the airline for the tow truck fitting can be clogged with road debris in inclement weather which may result in air pressure build up in the rear brake system causing rear brake drag and possible overheating of the rear brakes and risk of a brake fire.

Description of the Cause : In inclement weather, road spray may clog the mesh cap on the brake line for towing.

Identification of Any Warning that can Occur : Whether the mesh cover for the airline fitting has become clogged can be observed with routine visual inspection and cleaned. A professional bus driver will also notice rear brake drag if the mesh cap has become clogged.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On January 16, 2019 a customer (Duluth, Minnesota) reported a possible brake issue that may have overheated the brake pads or damaged rotors. The next day, the Proterra customer service team began to diagnose the issue. Within a week, the Proterra field service and service escalation teams were able to determine that the filter on the tow line could have gotten iced over or clogged and kept the line from venting. In February 2019, after consulting with the brake manufacturer, a solution was created. In February 2019, it was determined that there may be other vehicles experiencing similar issues. On February 20, the Proterra Vehicle Safety Committee reviewed the issue and began a safety defect investigation. On February 21, 2019 a service campaign was started. On February 27, 2019 a Service Bulletin was made available. On March 28, 2019 the committee met and determined that the condition presented a safety defect.

Description of Remedy :

Description of Remedy Program : An additional shield will be added to the tow fitting that will protect the mesh cap on the airline from being clogged by road debris.

How Remedy Component Differs from Recalled Component : An additional part will be added to the tow fitting assembly.

Identify How/When Recall Condition was Corrected in Production : All buses that are specially configured with this tow fitting assembly have the additional part included.

Recall Schedule :

Description of Recall Schedule : The recall population is small and all impacted buses will be remedied within 60 days. There are no dealers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUN 04, 2019 - JUN 04, 2019

* NR - Not Reported