

Part 573 Safety Recall Report

19V-460

Manufacturer Name : Proterra Inc.**Submission Date :** OCT 25, 2019**NHTSA Recall No. :** 19V-460**Manufacturer Recall No. :** SC-19-79**Manufacturer Information :**

Manufacturer Name : Proterra Inc.

Address : 1815 Rollins Road
Burlingame CA 94010

Company phone : 4380000

Population :

Number of potentially involved : 21

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2018-2019 Proterra Catalyst

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Affected vehicles have a roof emergency escape hatch with an optional tempered glass panel. Specialty Manufacturing decided that certain of these glass panels, called Transpec Glass Hatches, must be replaced because they may contain a defect in the edge of the glass that can result in failure of the tempered glass. Falling glass shards from the safety hatch may fall onto passengers, increasing the risk of injury. Fourteen Proterra buses may have defective Transpec Glass Hatches installed in the rooftop emergency escape hatch because Proterra received potentially defective tempered glass hatches during the period that Specialty Manufacturing believes the defect occurred. Proterra has not received any reports of failures of the glass on Catalyst buses.

Production Dates : SEP 18, 2018 - JUN 05, 2019

VIN Range 1 : Begin : NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Specialty Manufacturing Inc. has determined that a Transpec AS-3 tempered glass panel in the rooftop emergency escape hatch may contain edge defects (chips) in the glass panels that have resulted from the manufacturing process. Hot/cold stress and vibration/shock can create stress concentrations at these edge defects that may result in fracture and failure of the tempered glass if edge damage is present.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : It the roof hatch tempered glass lid shatters, glass particles could fall down

Description of the Safety Risk : onto bus passengers, creating a potential for injury.

Description of the Cause : Speciality Manufacturing reported that the failures are believed to stem from an unfinished edging treatment of glazing material during production.

Identification of Any Warning that can Occur : None.

Supplier Identification :

Component Manufacturer

Name : Speciality Manufacturing

Address : 13501 South Ridge Drive
Charlotte NORTH CAROLINA 28273

Country : United States

Chronology :

Speciality Manufacturing notified Proterra of an equipment recall 19E017 for the tempered glass hatch on June 5, 2019. On the same date, Speciality Manufacturing also notified Proterra that two deliveries of glass hatches to Proterra in September and October 2018 for 10 units each were potentially affected. Proterra investigated and determined on June 12, 2019 that 6 of the 20 units were in inventory and 14 has been installed on vehicles. Proterra has not received any reports of failures of the glass on Catalyst buses.

Description of Remedy :

Description of Remedy Program : Speciality Manufacturing will supply a replacement glass lid at no cost to the customer and reimburse up to \$25 in labor costs. The replacement of the lid involves removal of one shoulder bolt, removal of the existing hatch lid, and re-installation of a new lid and bolt.

How Remedy Component Differs from Recalled Component : The potentially defective glass hatches have part numbers T287X and have a date on the label between August 1, 2018 and February 22, 2019. The replacement lids will allow for visual inspection and identification of any defects resulting from transportation of the glass or from the hatch assembly process.

Identify How/When Recall Condition was Corrected in Production : Upon receiving notice of the recall on June 5, 2019 from Specialty Manufacturing, Proterra removed the affected parts from inventory for return to the equipment manufacturer as specified in the 19E017 owner notification letter.

Recall Schedule :

Description of Recall Schedule : There are no dealers. Proterra will inspect its customers' buses and notify customers of the recall directly.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 08, 2019 - JUL 08, 2019

* NR - Not Reported