Part 573 Safety Recall Report

Manufacturer Name : Proterra Ir	
Submission Date :	OCT 29, 2019
NHTSA Recall No. :	19V-061
Manufacturer Recall No. :	NR

Manufacturer Information :

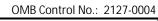
Manufacturer Name : Proterra Inc. Address : 1815 Rollins Road Burlingame CA 94010 Company phone : 4380000

Vehicle Information :

Vehicle 1:	2015-2018 Catalyst Cat	alyst 40		
Vehicle Type :	BUSES, MEDIUM & HEA	VY VEHICLES		
Body Style :	OTHER			
Power Train :	NR			
Descriptive Information :	Graham White air dryer installed without the ad	as part of the p dition of a sepa rd configuratio	ouses were configured with oneumatic system for air bu trate additional supply rese on of the Catalyst uses a diff 5 121.	rakes, which was ervoir required by
Production Dates :	JAN 01, 2015 - DEC 31, 2	2018		
VIN Range 1:	Begin: NR	End :	NR	□ Not sequential

Description of Noncompliance :

Description of the
Noncompliance :FMVSS 121 requires an air brake system with ""One or more service reservoir
systems, from which air is delivered to the brake chambers, and either an
automatic condensate drain valve for each service reservoir or a supply
reservoir between the service reservoir system and the source of the air
pressure." The standard configuration Catalyst bus includes a supply reservoir
that is between the service reservoir and the air compressor. Pursuant to a
customer request, a Graham White air dryer was used on certain Catalyst bus
configurations. The Graham White air dryer does not have this supply reservoir
and we determined that a separate supply reservoir must be installed to be
compliant with FMVSS 121. The Graham White component itself is not the
subject of this notice.FMVSS 1121 - Air brake systems
FMVSS 2:FMVSS 2:NRDescription of the Safety Risk :Long term moisture build up in the system may occur if preventative
maintenance is not performed to periodically drain the primary, secondary



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Number of potentially involved :

Estimated percentage with defect : 100 %

Population:

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Description of the Cause :	and auxiliary tanks of any moisture in the pneumatic system. Customer configuration using the Graham White pneumatic system needed an additional supply reservoir, which was not installed with the system at time of vehicle manufacture.
v 0	During maintenance, excess moisture in the air system may be observed and need to be drained from the system.

Supplier Identification :

Component Manufacturer

Name : NR Address : NR NR Country : NR

Chronology :

A routine customer inspection of the Catalyst bus in December 2018 raised the issue of whether a separate reservoir was required for use of the Graham White air dryer. Proterra engineering reviewed the matter on January 3, 2019 and concluded that Catalyst buses with the Graham White air dryer required the installation of a supply reservoir between the service reservoir and the air compressor. Proterra's safety committee reviewed the findings on January 22, 2019 and determined that this was a non-compliance that needed to be remedied.

Description of Remedy :

Description of Remedy Program :	All Catalyst buses fitted with the Graham White air dryer will be retrofitted to add a supply reservoir with a drain between the air dryer and the manifold that distributes air to the service air reservoirs.
How Remedy Component Differs from Recalled Component :	No components are being recalled. A component will be added to the system.
	Proterra is not currently building buses with the Graham White air dryer. If a customer configuration requires a Graham White air dryer, the installation of this part now requires the installation of a separate supply reservoir in Proterra's configuration requirements.

Recall Schedule :

Description of Recall Schedule : There are no dealers. Customers will be notified directly.

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

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Planned Dealer Notification Date : NR - NR Planned Owner Notification Date : MAR 28, 2019 - MAR 28, 2019

* NR - Not Reported

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