

Part 573 Safety Recall Report

21V-581

Manufacturer Name : Sutphen Corporation**Submission Date :** AUG 11, 2021**NHTSA Recall No. :** 21V-581**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Sutphen Corporation

Address : 6450 Eiterman Rd

Dublin OH 43016

Company phone : 6148891005

Population :

Number of potentially involved : 33

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2021 Sutphen Fire Truck

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : These engines are equipped with a remote Stage 2 fuel filter (Option Numbers FF90942, FF90943, FF90944, FF91044) which includes pressurized fuel hoses. The recall consists of the entire population of MY21 engines built with a remote fuel filter option prior to the introduction of a new fuel hose design.

Production Dates : JUN 30, 2021 - JUL 29, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : A fuel leak may occur in the fuel hoses between the fuel pump and remote filter head

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fuel leak in the presence of an ignition source may increase the risk of fire.

Description of the Cause : The cause of this issue is inadequate design and quality of the fuel hose assembly.

Identification of Any Warning that can Occur : Persons operating in or around the vehicle may see smoke before sufficient heat creates a fire.

Involved Components :

Component Name 1 : Fuel Hose

Component Description : Fuel carrying hose with quick connect fittings

Component Part Number : 5563641, 5563642, 5563643

Supplier Identification :

Component Manufacturer

Name : Imperial Auto Industries Limited

Address : Plot #94 Sector 25 Faridabad
Faridabad Foreign States 121004

Country : India

Chronology :

February 13, 2021 – Cummins received a field report of an incident in which the subject pressurized fuel hoses swelled and contacted a nearby v-band clamp edge resulting in a fuel?leak.

Feb 13 - March 12, 2021 – Cummins conducted a lab analysis of the failed hose from the field incident.

May 2021 – Cummins received reports from multiple OEMs of fuel leaks at their vehicle assembly plants. These leaks were corrected by Cummins technicians and Cummins investigated the failures.?

June 12, 2021 – Cummins stopped shipping engines equipped with the remote filter option.

June 15, 2021 – Cummins resumed production using new hoses with a new design.

June 14-30, 2021 – Cummins completed a Product Safety Hazard Analysis and further reviewed the potential safety implications of this condition.?

July 6, 2021 – Cummins Product Safety Defect Board decided to conduct a Safety Recall to address this condition.

To date, there have been no reports of injuries or fires due to this condition.

Description of Remedy :

Description of Remedy Program : The remedy will be to replace the subject fuel hoses, to and from the remote fuel filter, with fuel hoses of a new design. Vehicles are new and are covered under the manufacturer's warranty program.

How Remedy Component Differs from Recalled Component : The new fuel hoses will have a unique part number and are visibly different.

Identify How/When Recall Condition was Corrected in Production : Production of engines with the new design fuel hoses began on June 15, 2021.

Recall Schedule :

Description of Recall Schedule : Cummins expects to notify affected OEMs no later than July 16, 2021. Cummins will conduct the recall and notify owners with OEM agreement. The timing of owner notification will be determined in consultation with the affected OEMs. Cummins is currently developing the schedule for completing the repairs and will amend this document when this is known. In any case, Cummins expects to send either interim notifications or letters to owners no later than September 3, 2021.

Planned Dealer Notification Date : AUG 30, 2021 - SEP 13, 2021

Planned Owner Notification Date : AUG 30, 2021 - SEP 13, 2021

* NR - Not Reported