

Part 573 Safety Recall Report

19V-053

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** JAN 24, 2019**NHTSA Recall No. :** 19V-053**Manufacturer Recall No. :** Q3V**Manufacturer Information :**

Manufacturer Name : Honda (American Honda Motor Co.)

Address : 1919 Torrance Blvd.

Torrance CA 90501

Company phone : 1-888-234-2138

Population :

Number of potentially involved : 106,683

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Honda Ridgeline

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem.

All vehicles built from production start-up through January 16, 2019 are affected. Vehicles built starting on January 17, 2019 were assembled with a fuel pump cover to seal the fuel feed port from drainage.

The number of affected units is 49,524

Production Dates : MAY 08, 2016 - AUG 31, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Honda Ridgeline

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem.

All vehicles built from production start-up through January 16, 2019 are affected. Vehicles built starting on January 17, 2019 were assembled with a fuel pump cover to seal the fuel feed port from drainage.

The number of affected units is 21,394.

Production Dates : JUL 27, 2017 - MAR 07, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2019 Honda Ridgeline

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem.

All vehicles built from production start-up through January 16, 2019 are affected. Vehicles built starting on January 17, 2019 were assembled with a fuel pump cover to seal the fuel feed port from drainage.

The number of affected units is 35,765.

Production Dates : JAN 09, 2018 - JAN 16, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : Car wash detergents containing sulfuric acid could drain from the truck bed and seep into the fuel pump's fuel feed port. If not rinsed off, sulfuric acid seepage can crack the fuel feed port, resulting in a pressurized fuel leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fuel leakage in the presence of an ignition source increases the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : KYOSAN DENSO Manufacturing Kentucky, LLC

Address : 260 Cramer Creek Ct.
Dublin OHIO 43017

Country : United States

Chronology :

February 2017

Honda received the first report of a fuel leak and began an investigation.

April 2017

The fuel pump module supplier reviewed the failed part and judged that the cracking of the fuel feed port was caused by acid exposure. Honda resolved the investigation as it was estimated to be a unique occurrence.

August 2017 to March 2018

After receiving additional reports of fuel leak/smell, Honda reopened the investigation. This included investigation of the various entry paths that fluids could reach the fuel pump feed port, analyzing how the vehicle's layout contributed to fluid entry, and failure mode analysis of returned parts. The analysis of returned parts confirmed that residual and material stress did not contribute to the cracking.

April to August 2018

Based on information provided by vehicle owners who complained of a fuel leak/smell occurring shortly after a car wash, Honda began analysis of car wash detergents to determine whether there was correlation between the two. Re-creation tests confirmed that car wash detergents containing sulfuric acid could cause material degradation and cracking in the fuel feed port.

October to November 2018

Once the correlation of car washes and fuel feed port cracking was established, Honda once again investigated how fluids reached the fuel feed port. Honda confirmed that the drain holes in the truck bed allowed fluids to channel towards the fuel feed port.

January 17, 2019

Honda determined that a defect related to motor vehicle safety existed and decided to conduct a safety recall.

As of January 17, 2019, Honda has received 14 warranty claims, six field reports, and no reports of fires or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : Registered owners of all affected vehicles will be contacted by mail and asked to take their vehicle to a Honda automobile dealer. The dealer will inspect the fuel feed port for cracks or leaks and if damaged, replace the fuel pump for free. The dealer will also install a fuel pump cover on all fuel pumps for free.

Because the limited new vehicle warranty on all affected vehicles would have provided a free repair for the problem addressed by this recall, without any payment by the owner, reimbursement for pre-notification repairs will not be offered.

How Remedy Component Differs from Recalled Component : Recalled component: Fuel pump module, fuel pump, part # 17045-TZ5-A10

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin on or about January 25, 2019.
Owner notification is expected to begin on or about March 7, 2019
Planned Dealer Notification Date : JAN 25, 2019 - NR
Planned Owner Notification Date : MAR 07, 2019 - NR

* NR - Not Reported