

Honda Recall Notification
2017 Model Year Ridgeline
Rear Wiring Harness

Submit to NHTSA – December 7, 2016

REVIEWED BY:
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DEC-7-2016
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573.6(c)(2)

Identification of potentially affected vehicles:

<u>Make/Model</u>	<u>Description</u>	<u>VIN Range/Dates of Manufacture</u>
Honda Ridgeline AWD	Certain 2017 model year	5FPYK3F74HB001093 - 5FPYK3F73HB010304 April 1, 2016 to August 11, 2016

573.6(c)(3)

Total number of potentially affected vehicles: 9,179

573.6(c)(4)

Percentage of affected vehicles that contain the defect: 100%

Description of the basis for the determination of the recall population:

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

573.6(c)(5)

Defect description:

Due to a manufacturing error, the rear wiring harness installed in affected trucks is susceptible to moisture intrusion through a wiring connection joint located underneath a drain hole in the truck bed. Moisture may flow downstream to the rear subframe wiring harness and corrode the connection terminals. In certain scenarios, corrosion in the rear wheel speed sensor terminals can increase the electrical resistance and be interpreted by the vehicle stability assist (VSA) as wheel slippage, resulting in a decrease of engine torque or brake application to the rear wheel(s). The unexpected and unnecessary application of brake assist while driving may increase the risk of a crash.

573.6(c)(2)(iv)

Identification of affected component:

Component: Rear Wiring Harness
Part No.: 32108-T6Z-A01 and 32108-T6Z-A41
Country of Origin: Mexico
Manufacturer: Delphi Automotive, LLP
Contact Name: Gary R. Greib
Address: 5725 Delphi Drive, Troy, MI 48098-2815
Telephone No.: 248-813-3362

573.6(c)(6)

Chronology:

July 6, 2016

American Honda Motor Co., Inc. (Honda) received its first warranty claim of AWD system related MIL (Malfunction Indicator Lamp) illumination. Parts were requested to be returned from the field and an investigation was launched to determine the root cause of the failure.

August 5, 2016

Analysis of returned parts suspected that moisture intrusion in the rear wiring harness was corroding the rear drivetrain components. Honda confirmed that the rear wiring harness supplier deviated from design drawings and changed the location for the wiring connection joint from inside the cabin to underneath the truck bed.

August 12, 2016

Rear wiring harnesses manufactured to Honda specifications were implemented on the production line.

August to October 2016

A review of warranty claims and customer contentions indicated that MIL illumination would alert the vehicle operator to AWD system failure and would not substantially interfere with the truck's drivability. Failure in the AWD system would initiate fail-safe mode and revert the drivetrain to FWD, where the truck can be safely operated.

Failure rate occurrence, part durability tests, and service repair methods continued to be investigated.

November 7, 2016

Honda confirmed that in very limited circumstances, increased electrical resistance caused by corrosion in the rear wheel speed sensor terminals can be interpreted by the VSA as wheel slippage, causing unintended deceleration.

November 30, 2016

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

As of November 30, 2016 Honda has received 462 warranty claims, and no reports of injuries or crashes related to this safety defect.

573.6(c)(8)(i)

Program for remedying the defect:

The 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 rear wiring harness and corresponding rear drivetrain components for moisture and/or corrosion. If present, the dealer will replace the rear wiring harness and corresponding components as necessary. If there is no moisture or corrosion, the dealer will repair the rear wiring harness to eliminate the potential for moisture intrusion. These repairs will be completed free of charge.

Because the 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.

573.6(c)(8)(ii)

The estimated date to start notification to dealers:	December 7, 2016
The estimated date to start notifications to owners:	January 24, 2017

573.6(c)(11)

Manufacturer's campaign number: KD3