

HONDA

American Honda Motor Co., Inc.
1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

May 28, 2020

Mr. Jeffrey Giuseppe
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Re: Part 573, Defect Information Report
2018-2020 Multi-Model Acura and Honda Vehicles
Fuel Pump Module

Dear Mr. Giuseppe:

In accordance with the National Traffic and Motor Vehicle Safety Act and 49 CFR Part 573 Defect and Noncompliance and Responsibility Reports, Honda is submitting the enclosed Defect Information Report regarding a safety recall of certain 2018-2020 Acura and Honda vehicles to address a defect with the fuel pump module.

If you have any questions about this report, please feel free to contact me.

Sincerely,

AMERICAN HONDA MOTOR CO., INC.



Jeff Chang
Senior Manager
Product Regulatory Office

573.6(c)(1)

Name of manufacturer: Honda de México, S.A. de C.V.
Honda Manufacturing of Indiana, LLC
Honda Motor Co., Inc.
Honda of America Mfg., Inc.
Honda of the UK Manufacturing Ltd.

Manufacturer's agent: Jeff Chang
American Honda Motor Co., Inc.
1919 Torrance Blvd.
Torrance, CA 90501-2746

573.6(c)(2)

Identification of potentially affected vehicles:

<u>Make/Model</u>	<u>Model Year</u>	<u>Dates of Manufacture</u>	<u>Number of Vehicles</u>
Acura NSX	2018	09/17/2018 to 09/27/2018	14
Acura NSX	2019	10/01/2018 to 03/19/2019	132
Acura RDX	2019	05/21/2018 to 02/12/2019	34,405
Acura RLX	2019	11/01/2018 to 11/06/2018	124
Acura RLX Sport Hybrid	2019	07/03/2018 to 11/29/2018	206
Honda Accord	2018	06/05/2018 to 11/02/2018	10,152
Honda Accord	2019	10/27/2018 to 02/08/2019	1,075
Honda Civic Hatchback	2018	06/27/2018 to 09/28/2018	14,838
Honda Civic Hatchback	2019	09/28/2018 to 01/17/2019	9,397
Honda Civic Type R	2018	06/25/2018 to 01/15/2019	537
Honda Civic Type R	2019	10/03/2018 to 06/10/2019	1,248
Honda Fit	2019	04/27/2018 to 12/21/2018	9,294
Honda HR-V	2018	04/27/2018 to 07/07/2018	20,416
Honda HR-V	2019	05/23/2018 to 12/21/2018	19,260
Honda Insight	2019	05/23/2018 to 03/08/2019	14,949
Honda Insight	2020	08/26/2019 to 09/17/2019	10

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

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

Description of how the vehicles being recalled differ from similar vehicles not included in the recall:

Vehicles being recalled are equipped with fuel pump modules containing impellers produced during specific periods under specific circumstances (lower density impellers exposed to production solvent drying for longer periods of time). Similar vehicles not included in the recall are equipped with fuel pump modules that were not subject to the above conditions.

Identification of affected component:

Component: Fuel Pump Module

Acura	NSX	17045-T6N-A01
	RDX	17045-TJB-A03
	RLX	17045-TY2-A00
	RLX Sport Hybrid	17045-TY3-000
Honda	Accord	17045-TVC-A03
	Civic Hatchback	17045-TBA-A00
	Civic Type R	17045-TGH-A00 (2018)
		17045-TGH-A01 (2019)
	Fit	17045-T5R-A00
	HR-V	17045-T7W-A00 (2WD)
17045-T7X-A01 (AWD)		
Insight	17045-TXM-A00	

Country of Origin: USA and Japan

Manufacturer: DENSO International America, Inc. / DENSO Corporation

573.6(c)(3)

Total number of potentially affected vehicles: 136,057

573.6(c)(4)

Percentage of affected vehicles that contain the defect: 100%

573.6(c)(5)

Defect description:

Affected vehicles may be equipped with a fuel pump module manufactured with low density impellers. If the surface of the lower density impeller is exposed to production solvent drying for longer periods of time, higher levels of surface cracking may occur. These cracks may lead to excessive fuel absorption, resulting in impeller deformation. Over time, if an impeller deforms to a point that creates sufficient interference with the fuel pump body, the fuel pump becomes inoperative, which may cause illumination of the Malfunction Indicator Lamp in the instrument panel. Fuel pump inoperability could prevent an engine from starting or stall an engine while driving, increasing the risk of a crash.

573.6(c)(6)

Chronology:

February – May 2019

Honda received the first report of fuel pump module failure from the Indian market and an investigation was launched. After supplier analysis of failed parts returned from the field, it was confirmed that impeller swelling resulted in fuel pump module failure.

June – October 2019

The investigation was elevated to the global Honda quality group for further handling. Honda hypothesized the impeller swelling was related to part toughness and investigated impeller density and clearance between the impeller and fuel pump wall. Re-creation testing confirmed

the primary contributor to impeller swelling was the development of surface cracks on low density impellers exposed to production solvent drying for longer periods of time.

March 2020

Review of warranty data confirmed that vehicles equipped with fuel pump modules in transit for a longer period prior to vehicle assembly exhibited increased failure rates.

April 2020

Honda investigated the scope of vehicles installed with suspect fuel pump modules containing lower density impellers exposed to production solvent drying for longer periods of time.

May 21, 2020

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

As of May 21, 2020, Honda has received 183 warranty claims, 68 field reports, and no reports of injuries or crashes related to this issue.

573.6(c)(8)(i)

Program for remedying the defect:

Registered owners of all affected vehicles will be contacted by mail and asked to take their vehicle to an Acura or Honda dealer. The dealer will replace the fuel pump assembly for free. Because the new vehicle limited 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: May 29, 2020

The estimated date to start notifications to owners: TBD

573.6(c)(10)

Representative copies of all notices, bulletins and other communications:

A copy of the dealer service bulletin, the final customer notification letter and other dealer communication will be submitted to your office as soon as possible.

A draft of the owner notification letter will be submitted to your office as soon as possible.

573.6(c)(11)

Manufacturer's campaign number:

K7E = NSX F7I = Accord G7H = Fit B7B = RLX Sport Hybrid

S7D = RDX F7J = Civic Hatchback A7K = HR-V

R7C = RLX Y7G = Civic Type R W7F = Insight