

**HONDA**

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

March 25, 2021

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 Model Year Acura and Honda Vehicles  
Fuel Pump

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 expansion of certain 2018 – 2020 model year Acura and Honda vehicles to address a defect with the fuel pump.

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

JC:wvt

## Defect Information Report

573.6(c)(1)

**Name of manufacturer:** Honda de México, S.A. de C.V.  
Honda Manufacturing of Alabama, LLC.  
Honda Manufacturing of Indiana, LLC.  
Honda of America Mfg., Inc.  
Honda of Canada Mfg.  
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 ILX	2019	10/04/2018 to 07/18/2019	6,383
Acura MDX	2019	10/31/2018 to 06/24/2019	16,369
Acura MDX	2020	08/16/2019 to 09/13/2019	3
Acura MDX Sport Hybrid	2019	11/15/2018 to 06/11/2019	759
Acura MDX Sport Hybrid	2020	07/16/2019 to 07/16/2019	2
Acura RDX	2019	10/31/2018 to 05/14/2019	18,188
Acura RDX	2020	04/24/2019 to 07/30/2019	6,790
Acura TLX	2019	10/30/2018 to 04/02/2019	6,559
Acura TLX	2020	04/10/2019 to 07/21/2020	2,295
Honda Accord	2019	11/06/2018 to 08/28/2019	91,596
Honda Accord	2020	09/24/2019 to 09/24/2019	1
Honda Accord Hybrid	2019	12/19/2018 to 08/28/2019	6,615
Honda Civic Coupe	2019	12/03/2018 to 06/24/2019	7,290
Honda Civic Coupe Si	2019	02/04/2019 to 04/26/2019	7
Honda Civic Hatchback	2019	02/08/2019 to 07/15/2019	14,492
Honda Civic Hatchback	2020	07/15/2019 to 09/18/2019	5,469
Honda Civic Sedan	2019	11/30/2018 to 07/25/2019	86,531
Honda Civic Sedan Si	2019	12/11/2018 to 06/14/2019	13
Honda Civic Type R	2019	12/12/2018 to 10/16/2019	2,853
Honda CR-V	2018	11/29/2018 to 12/10/2018	20
Honda CR-V	2019	11/28/2018 to 10/07/2019	141,272
Honda Fit	2019	01/02/2019 to 08/31/2019	31,149
Honda HR-V	2019	01/02/2019 to 08/31/2019	64,567
Honda Insight	2019	11/28/2018 to 03/07/2019	4,792
Honda Insight	2020	09/04/2019 to 05/13/2020	3,723
Honda Odyssey	2019	10/29/2018 to 07/10/2019	37,641
Honda Passport	2019	11/13/2018 to 07/08/2019	14,095
Honda Pilot	2019	10/30/2018 to 07/29/2019	46,713
Honda Ridgeline	2019	10/31/2018 to 08/21/2019	11,937

**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

Part No.:

Acura	ILX	17045-TV9-A00	17045-T3R-L00
	MDX	17045-TZ5-A00	17045-TZ5-A10
	MDX Sport Hybrid	17045-TZ5-A10	
	RDX	17045-TJB-A03	17045-TJB-X03
	TLX	17045-T2A-A01 17045-T2B-A01	17045-TZ7-A00
Honda	Accord	17045-TVA-A02	17045-TVC-A03
	Accord Hybrid	17045-TWA-A01	
	Civic Coupe / Coupe Si	17045-TBA-A00 17045-TBA-A01	17045-TBF-A00
	Civic Hatchback	17045-TBA-A00	
	Civic Sedan / Sedan Si	17045-TBA-A00 17045-TBA-A01	17045-TBF-A00 17045-TBF-A01
	Civic Type R	17045-TGH-A01	
	CR-V	17045-TLA-A01 17045-TLA-A00	17045-TLA-X00
	Fit	17045-T5R-A00	
	HR-V	17045-T7W-A00 (2WD)	17045-T7X-A01 (AWD)
	Insight	17045-TXM-A00	
	Odyssey	17045-THR-A00	17045-THR-A01
	Passport	17045-TG7-A10	
	Pilot	17045-TG7-A10	17045-TZ5-A10
	Ridgeline	17045-TG7-A10	17045-TZ5-A10

Country of Origin: USA and Japan

Manufacturer: DENSO International America, Inc. / DENSO Corporation

573.6(c)(3)

**Total number of potentially affected vehicles:** 628,124

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 a 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 it 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:**

May 21, 2020

Honda determined that a defect related to motor vehicle safety existed and decided to conduct a safety recall (NHTSA ID no. 20V-314).

September – October 2020

Since 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, Honda conducted further analysis on impeller density to improve accuracy of the criteria used to determine part toughness. Honda found that the composition of non-resin material (glass fiber and calcium carbonate) in the impeller was highly variable, which led to high variance in impeller density measurements. To minimize variation, the non-resin material was removed with heat application, and the remaining resin material was measured to determine resin density. When applying resin density instead of the overall density to the criteria used to determine part toughness in failed returned field parts, resin density provided increased accuracy in predicting part failure. The updated criteria was then applied to all fuel pump manufacturing lots built during the suspect period to determine the likelihood of part failure.

March 19, 2021

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

As of March 19, 2021, Honda has received 583 warranty claims, 166 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. Owners who have paid to have these repairs completed at their own expense will be eligible for reimbursement, in accord with the recall reimbursement plan on file with NHTSA.

573.6(c)(8)(ii)

**The estimated date to start notification to dealers:** March 26, 2021  
**The estimated date to start notifications to owners:** May 18, 2021

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:**

FA8 = Accord

AAR = Honda multi-model, remedy not available

QAG = Civic

UAQ = Acura multi-model, remedy not available

YAH = Insight