OMB Control No.: 2127-0004

Part 573 Safety Recall Report

20V-314

Manufacturer Name: Honda (American Honda Motor Co.)

Submission Date: MAY 28, 2020 **NHTSA Recall No.:** 20V-314

Manufacturer Recall No.: See comment box/DIR



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 : 136,057 Estimated percentage with defect : 100%

Vehicle Information:

Vehicle 1: 2018-2018 Acura NSX

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : 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. 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. The number of

affected units is 14.

Production Dates: SEP 17, 2018 - SEP 27, 2018

VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2: 2019-2019 Acura NSX

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information: 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. 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. The number of

affected units is 132.

Production Dates: OCT 01, 2018 - MAR 19, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 3:	2019-2019 A	cura RDX			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	The recall por	oulation was	determined	based or	n manufacturing records and supplier
	part production could potential fuel pump mospecific circum for longer per	on records. Tally experiendules containstances (loweriods of time) approach modules the control of the control	The manufact ce the proble ning impelle wer density i . Similar veh	turing ra em. Vehi rs produ impeller iicles not	inge reflects all possible vehicles that cles being recalled are equipped with aced during specific periods under s exposed to production solvent drying tincluded in the recall are equipped to the above conditions. The number of
Production Dates :	MAY 21, 2018	3 - FEB 12, 20	19		
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential
Vehicle Type : Body Style : Power Train :	The recall pop	oulation was			n manufacturing records and supplier inge reflects all possible vehicles that
	could potentia fuel pump mo specific circum for longer per	ally experien odules contai mstances (loviods of time) up modules tl	ce the proble ning impelle wer density i . Similar veh	em. Vehi rs produ impeller iicles not	inge renects an possible vehicles that icles being recalled are equipped with iced during specific periods under s exposed to production solvent drying tincluded in the recall are equipped to the above conditions. The number of
Production Dates :	NOV 01, 2018	s - NOV 06, 20)18		
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential
Vehicle 5 : Vehicle Type : Body Style : Power Train :	2019-2019 A	cura RLX Spo	ort Hybrid		
Descriptive Information :	part production could potential fuel pump mospecific circum for longer per	on records. Tally experient odules containts mstances (lowiods of time) up modules the	The manufact ce the proble ning impelle wer density i . Similar veh	turing ra em. Vehi rs produ impeller iicles not	n manufacturing records and supplier inge reflects all possible vehicles that icles being recalled are equipped with iced during specific periods under is exposed to production solvent drying t included in the recall are equipped to the above conditions. The number of
Production Dates:	JUL 03, 2018	-NOV 29, 20	18		
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential

Vehicle 6:	2018-2018 Hor	nda Accord				
Vehicle Type :						
Body Style :						
Power Train :	NR					
Descriptive Information :	The recall popu	ılation was de	etermined	based or	n manufacturing re	ecords and supplier
	part production could potential fuel pump mod specific circums for longer period	n records. The ly experience ules containi stances (lowe ods of time). S modules tha	e manufact e the proble ng impelle er density i Similar veh	uring ra em. Vehi rs produ mpeller icles not	inge reflects all pos cles being recalled iced during specific s exposed to produ t included in the re	ssible vehicles that are equipped with c periods under action solvent drying
Production Dates:	JUN 05, 2018 - N	NOV 02, 2018	3			
VIN Range 1:	Begin:	NR	End:	NR		■ Not sequential
Vehicle 7:	2019-2019 Hor	nda Accord				
Vehicle Type :						
Body Style :						
Power Train:	NR					
Descriptive Information :	The recall popu	ılation was d	etermined	based or	n manufacturing re	ecords and supplier
	could potential fuel pump mod specific circums for longer perio	ly experience ules containi stances (lowe ods of time). S modules tha	e the proble ng impelle er density i Similar veh	em. Vehi rs produ mpeller icles not	cles being recalled aced during specific s exposed to produ t included in the re	action solvent drying
Production Dates:	OCT 27, 2018 -	FEB 08, 2019)			
VIN Range 1:	Begin :	NR	End:	NR		■ Not sequential
	2018-2018 Hor	nda Civic Hat	chback			
Vehicle Type :						
Body Style :	ND					
Power Train:					•	
Descriptive Information :	part production could potential fuel pump mod specific circums for longer period	n records. The ly experience ules containi stances (lowe ods of time). S modules tha	e manufact e the proble ng impelle er density i Similar veh	uring ra em. Vehi rs produ mpeller icles not	inge reflects all pos cles being recalled iced during specific s exposed to produ t included in the re	ssible vehicles that are equipped with c periods under action solvent drying
Production Dates:	JUN 27, 2018 - S	SEP 28, 2018				
VIN Range 1:	Begin :	NR	End:	NR		☐ Not sequential

Vehicle 9:	2019-2019 Но	nda Civic Ha	itchback			
Vehicle Type :						
Body Style :						
Power Train:	NR					
Descriptive Information :						
	could potential fuel pump mod specific circum for longer peri with fuel pump affected units i	lly experiendules containstances (lowods of time) modules this 9,397.	ce the proble ning impelle ver density i . Similar veh nat were not	em. Vehic rs produ mpellers icles not	cles being recalled ced during specific s exposed to produ included in the re	ction solvent drying
Production Dates:	SEP 28, 2018 -					
VIN Range 1:	Begin:	NR	End:	NR		☐ Not sequential
Vohicle 10:	2018-2018 Ho	anda Civic Tv	mo D			
Vehicle Type :	2010-2010110	ilua civic i y	pe it			
Body Style :						
Power Train :	NR					
Descriptive Information :		ulation was	determined	hased or	n manufacturing re	cords and supplier
	could potential fuel pump mod specific circum for longer peri	lly experiendules containstances (lowods of time) on modules the	ce the proble ning impelle ver density i . Similar veh	em. Vehic rs produ mpellers icles not	cles being recalled ced during specific s exposed to produ included in the re	ction solvent drying
Production Dates :	JUN 25, 2018 -	JAN 15, 201	9			
VIN Range 1:	Begin:	NR	End:	NR		■ Not sequential
	2019-2019 Ho	nda Civic Ty	rpe R			
Vehicle Type :						
Body Style :	NID					
Power Train:		1			0	
Descriptive Information :	part productio could potentia fuel pump mod specific circum for longer peri	on records. T lly experiend dules contain stances (lov ods of time) o modules th	he manufact ce the proble ning impelle ver density i . Similar veh	uring ratem. Vehicem. Vehicers produced in the	nge reflects all pos cles being recalled ced during specific s exposed to produ included in the re	sible vehicles that are equipped with periods under action solvent drying
Production Dates:	OCT 03, 2018 -	-JUN 10, 201	9			
VIN Range 1:	Begin :	NR	End:	NR		☐ Not sequential

Vehicle 12 : Vehicle Type : Body Style : Power Train :	2019-2019 Hor	nda Fit			
	part production could potentiall fuel pump mod specific circums for longer perio with fuel pump affected units is	n records. The ly experience ules containir stances (lowe ods of time). S modules that s 9,294.	manufact the proble ng impelle r density i imilar veh were not	uring range re em. Vehicles be rs produced de mpellers expo icles not inclu	ufacturing records and supplier eflects all possible vehicles that eing recalled are equipped with uring specific periods under osed to production solvent drying ded in the recall are equipped above conditions. The number of
Production Dates:				ND	Not accounted
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential
Vehicle Type : Body Style : Power Train :	The recall popul part production could potentiall fuel pump modi specific circums for longer period with fuel pump affected units is	llation was de n records. The ly experience ules containir stances (lowe ods of time). S modules that s 20,416.	manufact the proble ng impelle r density i imilar veh	uring range re em. Vehicles be es produced de mpellers expo icles not inclu	ufacturing records and supplier eflects all possible vehicles that eing recalled are equipped with uring specific periods under osed to production solvent drying ded in the recall are equipped above conditions. The number of
VIN Range 1:		NR	End:	NR.	☐ Not sequential
Vehicle 14 : Vehicle Type : Body Style : Power Train :	NR The recall popular part production could potential fuel pump modes specific circums for longer period with fuel pump affected units is	llation was de n records. The ly experience ules containir stances (lowe ods of time). S modules that s 19,260.	manufact the proble ng impelle r density i imilar veh were not	uring range re em. Vehicles be es produced de mpellers expo icles not inclu	ufacturing records and supplier eflects all possible vehicles that eing recalled are equipped with uring specific periods under osed to production solvent drying ded in the recall are equipped above conditions. The number of
VIN Range 1:		NR	End:	NR.	☐ Not sequential
viiv ivange 1.	Doğui .	1110	Liiu .	1110	Not sequential

Vehicle 15 : Vehicle Type : Body Style :	2019-2019 Hone	da Insight			
Power Train :	NR				
Descriptive Information:	part production could potentially fuel pump modu specific circums for longer period	records. The records. The records the sequence of the sequence	nanufacturing range he problem. Vehicles impellers produced density impellers ex nilar vehicles not ind	reflects all posts being recalled during specific posed to produ- cluded in the rec	sible vehicles that are equipped with periods under ction solvent drying
Production Dates:	MAY 23, 2018 - I	MAR 08, 2019			
VIN Range 1:	Begin:	NR	End: NR		■ Not sequential
Vehicle 16 : Vehicle Type : Body Style : Power Train :	2020-2020 Hone	da Insight			
Descriptive Information :	The recall popul part production could potentially fuel pump modu specific circums for longer period	records. The records. The records. The records are tances (lower day of time). Sin modules that v	nanufacturing range he problem. Vehicles impellers produced density impellers ex nilar vehicles not ind	reflects all posts being recalled during specific posed to produ- cluded in the rec	sible vehicles that are equipped with periods under ction solvent drying
Production Dates :	AUG 26, 2019 - S	SEP 17, 2019			
VIN Range 1:	Begin:	NR	End: NR		■ Not sequential

Description of Defect:

Description of the Defect: 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.

FMVSS 1: NR FMVSS 2: NR Description of the Safety Risk: Fuel pump inoperability could prevent an engine from starting or stall an

engine while driving, increasing the risk of a crash.

Description of the Cause: NR Identification of Any Warning NR

that can Occur:

Involved Components:

Component Name 1: Fuel Pump Module

Component Description: NSX

Component Part Number: 17045-T6N-A01

Component Name 2: Fuel Pump Module

Component Description: RDX

Component Part Number: 17045-TJB-A03

Component Name 3: Fuel Pump Module

Component Description: RLX

Component Part Number: 17045-TY2-A00

Component Name 4: Fuel Pump Module Component Description: RLX Sport Hybrid

Component Part Number: 17045-TY3-000

Component Name 5: Fuel Pump Module

Component Description: Accord

Component Part Number: 17045-TVC-A03

Component Name 6: Fuel Pump Module
Component Description: Civic Hatchback
Component Part Number: 17045-TBA-A00

Component Name 7: Fuel Pump Module

Component Description: Civic Type R

Component Part Number: 17045-TGH-A00 (2018) / 17045-TGH-A01 (2019)

Component Name 8: Fuel Pump Module

Component Description: Fit

Component Part Number: 17045-T5R-A00

Component Name 9: Fuel Pump Module

Component Description: HR-V

Component Part Number: 17045-T7W-A00 (2WD) / 17045-T7X-A01 (AWD)

Component Name 10: Fuel Pump Module

Component Description: Insight

Component Part Number: 17045-TXM-A00

Supplier Identification:

Component Manufacturer

Name: DENSO International America, Inc.

Address: 24777 Denso Drive

Southfield MICHIGAN 48086

Country: United States

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.

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 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.

How Remedy Component Differs NR

from Recalled Component:

Identify How/When Recall Condition NR

was Corrected in Production:

Recall Schedule:

Description of Recall Schedule: Dealer notification is expected to begin on or about May 29, 2020. Owner

notification dates are to be determined.

Planned Dealer Notification Date: MAY 29, 2020 - NR

Planned Owner Notification Date: NR - NR

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* NR - Not Reported		
The information contained in this report was submitted	d pursuant to 49 CFR §573	