

DEFECT INFORMATION REPORT

REVIEWED BY:
JOHN TURLEY
JUN-29-2017
John Turley

573.6(c)(1)

Name of manufacturer: Honda of America Manufacturing, Inc.
Honda Motor Co., Ltd.

Manufacturer's agent: John Turley
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>Description</u>	<u>VIN Range/Dates of Manufacture</u>
Honda Accord	Certain 2013 model year	JHMCR2F73DC000001 - JHMCR2F78DC000625 1/30/2012 – 8/21/2012
		1HGCR2F86DA000002 - 1HGCR2680DA700006 2/3/2012 – 8/20/2013
		1HGCR3F9XDA000003 - 1HGCR3670DA530002 2/3/2012 – 8/19/2013
		1HGCT1B84DA000002 - 1HGCT1B7XDA026045 3/30/2012 – 8/7/2013
		1HGCT2A83DA000001 - 1HGCT2A86DA800002 3/30/2012 – 8/7/2013
		1HGCR2F37EA000001 - 1HGCR2F55EA309208 6/27/2013 – 8/25/2014
Honda Accord	Certain 2014 model year	1HGCR3F85EA000001 - 1HGCR3F87EA043836 8/6/2013 – 8/22/2014
		1HGCT1B71EA000001 - 1HGCT1B77EA016994 8/19/2013 – 8/21/2014
		1HGCT2B83EA000001 - 1HGCT2B82EA009336 8/16/2013 – 8/12/2014
		1HGCR2E33FA000001 - 1HGCR2F36FA800001 1/16/2014 – 8/19/2015
Honda Accord	Certain 2015 model year	1HGCR3F94FA000002 - 1HGCR3F88FA038923 7/22/2014 – 8/5/2015
		1HGCT1B7XFA000001 - 1HGCT1B80FA016474 8/14/2014 – 7/31/2015
		1HGCT2A8XFA000001 - 1HGCT2B81FA009734 7/23/2014 – 7/31/2015

Honda Accord Certain 2016 model year 1HGCR2F68GA000005 - 1HGCR2650GA550002
12/10/2014 – 10/7/2015
1HGCR3F90GA000001 - 1HGCR3F82GA800001
12/10/2014 – 10/6/2015
1HGCT1B78GA000001 - 1HGCT1278GA600002
1/26/2015 – 10/6/2015
1HGCT2A88GA000001 - 1HGCT2B00GA001412
1/26/2015 – 10/6/2015

573.6(c)(2)(iv)

Identification of affected component:

Component: Battery Sensor
Part no.: 38920-T2A-A02
Country of Origin: Mexico
Manufacturer: Furukawa
Contact Name Mehdi Pazooki
Address: 47677 Galleon Dr.
 Plymouth, MI 48170
Telephone No.: 734-260-7170

573.6(c)(3)

Total number of potentially affected vehicles: 1,148,466

573.6(c)(4)

Percentage of affected vehicles that contain the defect: Unknown

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:

In certain vehicles, the plastic case of the battery sensor may have gaps that allow moisture to enter the sensor. If moisture containing conductive substances (such as road salt) enters the battery sensor, it could cause an electrical short and subsequently, a fire.

573.6(c)(6)

Chronology:

March 3, 2015 Honda received the first claim from Canada of a thermal event originating from the engine under hood. An investigation was launched.

July - August 2015 The analysis of returned parts indicated that salt-water intrusion through a gap in the battery sensor case caused a short in the PCB (printed circuit board) and the subsequent thermal event. Formation of these gaps occurred when the supplier manufactured the battery sensor case with a low die temperature. As a temporary countermeasure, the supplier

	increased the die temperature and performed air leak checks to ensure gaps were not present.
October 7, 2015	The temporary countermeasure battery sensor was applied at the vehicle assembly line.
November 2015 – January 2016	Continued analysis of returned parts revealed that salt-water reached the PCB via a through hole for the connector terminal that was insufficiently soldered.
February 13, 2016	Honda received a similar claim of a thermal event in China. An investigation was launched.
March 25, 2016	Honda issued a modified drawing to improve productability for the battery sensor case that eliminated the possibility of moisture intrusion. Solder application was also enhanced to block access to the PCB from the through hole.
June 7, 2016	The redesigned battery sensor was applied at the vehicle assembly line.
June 22, 2016	Honda received the first claim from the USA of a thermal event originating from the engine under hood.
June – July 2016	Analysis of returned parts from the February 13, 2016 thermal event in China identified that grease (containing sulfate) applied to the battery sensor mounting post can mix with salt-water to increase electrical resistance and accelerate thermal activity.
August 26, 2016	The market issue was reviewed and future occurrence rate was estimated to be low. Honda decided to continue monitoring the field.
September 2016 – May 2017	Honda received 14 reports of thermal events (two in the USA).
June 22, 2017	Honda made the determination that a defect related to motor vehicle safety exists and decided to conduct a safety recall.

As of June 22, 2017, Honda has received 3,972 warranty claims, zero field reports, four reports of thermal events in the USA, 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 a Honda automobile dealer. The dealer will inspect the battery sensor and, if faulty or corroded, replace the sensor with a countermeasure part (final repair). Due to the large number of parts required to conduct the recall, if a vehicle has a battery sensor in good condition, the dealer will apply a temporary repair – application of an adhesive to the battery sensor case to prevent moisture intrusion – to the vehicle.

When the parts inventory becomes sufficient, all owners that have not received the final repair will be notified in a second mailing and asked to take their vehicle to a Honda automobile dealer for the final repair.

573.6(c)(8)(ii)

The estimated date to start notification to dealers: June 30, 2017
The estimated date to start notifications to owners: July 31, 2017

573.6(c)(9)

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.

573.6(c)(10)

Proposed owner notification letter submission:

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: KG0