

DEFECT INFORMATION REPORT

REVIEWED BY:
JOHN TURLEY
SEP-7-2018
John Turley

573.6(c)(1)

Name of manufacturer: Honda of America Mfg., Inc.

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>
Acura NSX	2017 model year	19UNC1B00HY000000 - 19UNC1B00HY000952 3/21/2016 to 12/04/2017
Acura NSX	Certain 2018 model year	19UNC1B05JY000001 - 19UNC1B02JY000019 12/04/2017 to 3/05/2018

573.6(c)(2)(iv)

Identification of affected component:

Component: Fuel Tank (Left and Right)
Part No.: 17044-T6N-A01 (Left) / 17044-T6N-A13 (Right)
Country of Origin: United States
Manufacturer: US Yachiyo Inc.
Contact Name: Gene Elkins
Address: 1177 Kellogg Parkway
Marion, Ohio, 43302
Telephone No.: 740-251-2280

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.

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

All vehicles built from the start-up of production through March 5, 2018 are affected. Vehicles built after March 5, 2018 are equipped with fuel tanks produced by the supplier after the supplier adjusted its manufacturing process to improve production quality.

573.6(c)(3)

Total number of potentially affected vehicles: 967

573.6(c)(4)

Percentage of affected vehicles that contain the defect: 12%

573.6(c)(5)

Defect description:

Due to an improper manufacturing process, the couplers for the crossover inlet pipe that connects the left and right fuel tanks were insufficiently welded. Over time, vibration and heat cycling can cause the couplers to separate from the fuel tank, resulting in fuel leakage. Fuel leakage in the presence of an ignition source increases the risk of a fire.

573.6(c)(6)

Chronology:

December 2017

Honda received the first claim of a fuel leak. The failed fuel tank was returned to the supplier and an investigation was launched to determine the root cause of the failure.

February to March 2018

Honda received three additional claims of a fuel leak.

April 2018

The fuel tank supplier informed Honda that the weld specifications for melt depth and pressed-in amount could not be controlled. Further investigation was conducted to determine what caused the variation in weld specification and how it affected the fuel tanks.

May 2018

The investigation confirmed that the heater used to weld the coupler was set at a slight angle, resulting in insufficient welding to certain sections of the fuel tank.

June to August 2018

The fuel tank supplier informed Honda that the jigs used during fuel tank welding were unable to secure the fuel tanks, resulting in additional welding variation. Honda continued investigating the potential consequences of an inappropriately welded fuel tank and the range of potentially affected vehicles.

August 30, 2018

Honda made the determination that a defect related to motor vehicle safety exists and decided to conduct a safety recall.

As of August 30, 2018 Honda has received three warranty claims, and no field reports or reports of fires or injuries 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 NSX Authorized Acura dealer. The dealer will replace the left and right fuel tanks for free.

573.6(c)(8)(ii)

The estimated date to start notification to dealers: September 8, 2018

The estimated date to start notifications to owners: November 6, 2018

573.6(c)(9)

Representative copies of all notices, bulletins and other communications:

A copy of the dealer service bulletin, the final owner 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: U29, Z28