

Part 573 Safety Recall Report

19V-052

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** JAN 24, 2019**NHTSA Recall No. :** 19V-052**Manufacturer Recall No. :** H3U, Z3T**Manufacturer Information :****Population :**

Manufacturer Name : Honda (American Honda Motor Co.)

Number of potentially involved : 4,455

Address : 1919 Torrance Blvd.

Estimated percentage with defect : 89 %

Torrance CA 90501

Company phone : 1-888-234-2138

Vehicle Information :

Vehicle 1 : 2014-2014 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

Supplier manufacturing records identified specific fuel tank production periods when an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date that the first suspect fuel tanks were manufactured and distributed into the supply chain.

Number of affected units is 1.

Production Dates : AUG 09, 2013 - AUG 09, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2015-2015 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

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an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date that the first suspect fuel tanks were manufactured and distributed into the supply chain.

The number of affected units is 1.

Production Dates : SEP 16, 2014 - SEP 16, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2016-2016 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

Supplier manufacturing records identified specific fuel tank production periods when an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date that the first suspect fuel tanks were manufactured and distributed into the supply chain.

The number of affected units is 4.

Production Dates : APR 02, 2015 - OCT 05, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2017-2017 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

Supplier manufacturing records identified specific fuel tank production periods when an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date

that the first suspect fuel tanks were manufactured and distributed into the supply chain.

The number of affected units is 6.

Production Dates : MAR 08, 2017 - AUG 03, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2018-2018 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

Supplier manufacturing records identified specific fuel tank production periods when an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date that the first suspect fuel tanks were manufactured and distributed into the supply chain.

The number of affected units is 3,648.

Production Dates : OCT 05, 2017 - SEP 25, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 6 : 2019-2019 Acura ILX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records and dealership service parts records. The production range reflects all possible vehicles that could potentially experience the problem.

Supplier manufacturing records identified specific fuel tank production periods when an improper manufacturing process occurred. For fuel tanks used in mass production, there is 100% traceability to a VIN, which allows similar vehicles to be excluded from the recall as they were equipped with parts manufactured using a proper process. For fuel tanks used as service parts, Honda is recalling all vehicles identified by service parts records as receiving a replacement fuel tank after the date that the first suspect fuel tanks were manufactured and distributed into the supply chain.

The number of affected units is 795.

Production Dates : AUG 20, 2018 - NOV 02, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : An improper manufacturing process led to deformities in the bottom of certain fuel tanks that can raise the height of the fuel pump and reduce the clearance between the fuel float and the tank's inner wall. Fuel movement within the tank can cause the fuel float to stick along the inner wall, resulting in inaccurate fuel gauge measurements.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the worst case, based on an inaccurate fuel gauge display, a vehicle can unexpectedly run out of fuel and stall, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : US Yachiyo

Address : 2285 Walcutt Rd
Columbus OHIO 43228

Country : United States

Chronology :

February 2018

Honda received the first report of an inaccurate fuel gauge. Troubleshooting did not result in replacement of the fuel tank.

October 2018

Honda received additional reports of inaccurate fuel gauges. A fuel tank from a reported failure was sent to the supplier for analysis.

November 2018

Supplier analysis of the returned part confirmed that deformations in the bottom of the fuel tank raised the fuel pump's height. In order to identify irregularities in fuel pump height, the supplier investigated how the cooling jig and the amount of cooling water used affected fuel tank formation.

December 2018

Re-creation tests performed by the supplier confirmed that the increased height of the fuel pump reduced clearance between the fuel float and the fuel tank's inner wall. This reduced clearance could cause the fuel float to stick along the inner wall.

The supplier also reviewed the cooling jig adjustment records and found that an inappropriate setting was used during a specific production period, resulting in deformed fuel tanks.

January 2019

Supplier review of production records also identified that cooling water flow rate was inadequate during a production period separate from the production period affected by the inappropriately adjusted cooling jigs. Dimensional records of sample fuel tanks produced during this period confirmed that the tanks would shrink and deform due to improper cooling water flow rate.

January 17, 2019

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

As of January 17, 2019, Honda has received 621 warranty claims, 264 field reports, and no reports of crashes or injuries 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 dealer. For affected vehicles identified by service parts records as having received a replacement fuel tank, the dealer will inspect the blow mold date on the fuel tank and, if the tank was manufactured during one of the periods in question, replace the fuel tank for free. All other vehicles subject to recall will receive a replacement fuel tank for free.

Owners that have paid to have these repairs completed at their own expense will be eligible for reimbursement, according to the recall reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : Recalled component: Fuel tank, Fuel tank, part # 17044-TR0-A30

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin on or about January 25, 2019. Owner notification is expected to begin on or about March 8, 2019.

Planned Dealer Notification Date : JAN 25, 2019 - NR

Planned Owner Notification Date : MAR 08, 2019 - NR

* NR - Not Reported