

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	Certain 2017 model year	19UNC1B00HY000000 - 19UNC1B08HY000813 3/21/2016 to 7/31/2017

573.6(c)(2)(iv)

Identification of affected component:

Component: High Mount Stop Light (HMSL) Assy.
Part No.: 34270-T6N-A01
Country of Origin: United States
Manufacturer: Stanley Electric U.S. Co., Inc.
Contact Name: Tohru Hotehama
Address: 420 E High St.
London, Ohio 43140
Telephone No.: 740-852-5200

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 July 31, 2017 are affected. The supplier provided updated HMSLs for vehicles built after July 31, 2017 to improve production quality.

573.6(c)(3)

Total number of potentially affected vehicles: 793

573.6(c)(4)

Percentage of affected vehicles that contain the defect: 100%

573.6(c)(5)

Defect description:

Normal road vibrations can cause the metal screws that secure the printed circuit board (PCB) to the HMSL assembly to shift and contact the PCB circuitry. If the metal screw contacts the circuitry during HSML illumination (brake pedal is depressed), the circuit will short and blow the corresponding fuse. During vehicle operation, a blown fuse will prevent brake light illumination, which increases the risk of a crash and does not comply with the requirements of FMVSS 108, Lamps, reflective devices, and associated equipment. Multiple warning indicators will display in the instrument panel to alert the vehicle operator in the event of brake light failure. In addition, the vehicle cannot be restarted once it is turned off due to the blown fuse.

573.6(c)(6)

Chronology:

June 2017

Honda received the first claim of a no-start condition. Honda began an investigation with the HMSL's supplier to determine the root cause. The supplier's initial analysis suspected the failure to be short circuit related.

July 2017

Honda conducted an internal investigation with the factory and ruled out the vehicle's body assembly as a contributing factor to the failure.

August to September 2017

The supplier provided updated HMSLs for vehicles built after July 31, 2017 to improve production quality. The supplier also provided analysis suspecting contact between the metal screw and the PCB circuitry.

January 2018

Bully tests were performed on the PCB to determine the extent of coating wear from the metal screws.

March to August 2018

The supplier redesigned the PCB and Honda investigated the effectiveness of the redesign.

September 4, 2018

Honda completed the investigation and determined that FMVSS non-compliance exists and decided to conduct a safety recall.

As of September 4, 2018 Honda has received 19 warranty claims, and no field reports or reports of 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 HMSL 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: B2B