

Part 573 Safety Recall Report

18V-599

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** SEP 07, 2018**NHTSA Recall No. :** 18V-599**Manufacturer Recall No. :** B2B**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 : 793

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Acura NSX

Vehicle Type :

Body Style :

Power Train : NR

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

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.

793 units are potentially affected.

Production Dates : MAR 21, 2016 - JUL 31, 2017

VIN Range 1 : Begin : 19UNC1B00HY000000 End : 19UNC1B08HY000813 Not sequential**Description of Defect :**

Description of the Defect : 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.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : 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.

Supplier Identification :

Component Manufacturer

Name : Stanley Electric U.S. Co., Inc.
Address : 420 E High St.
London OHIO 43140
Country : United States

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.

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 NSX Authorized Acura dealer. The dealer will replace the HMSL for free.

How Remedy Component Differs from Recalled Component : High Mount Stop Light (HMSL) Assy., High Mount Stop Light (HMSL) Assy., Part number: 34270-T6N-A01

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 September 8, 2018.
Owner notification is expected to begin on or about November 6, 2018.

Planned Dealer Notification Date : SEP 08, 2018 - NR

Planned Owner Notification Date : NOV 06, 2018 - NR

* NR - Not Reported