

Part 573 Safety Recall Report

16V-725

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** OCT 06, 2016**NHTSA Recall No. :** 16V-725**Manufacturer Recall No. :** KC6**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 : 350,083

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 Honda Civic 2D 1.5l turbo

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.

Production Dates : JUL 28, 2015 - OCT 03, 2016

VIN Range 1 : Begin : 2HGFC3B37GH350002 End : 2HGFC3B31GH362338 Not sequential

Vehicle 2 : 2016-2016 Honda Civic 2D 2.0l

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.

Production Dates : JUL 28, 2015 - SEP 30, 2016

VIN Range 1 : Begin : 2HGFC4A57GH300001 End : 2HGFC4B54GH317031 Not sequential

Vehicle 3 : 2016-2016 Honda Civic 4D 1.5l turbo

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.

Production Dates : APR 01, 2015 - OCT 03, 2016

VIN Range 1 : Begin : 2HGFC1F38GH600054 End : 2HGFC1F70GH660056 Not sequentialVIN Range 2 : Begin : 19XFC1F35GE000036 End : 19XFC1F39GE223258 Not sequential

Vehicle 4 : 2016-2016 Honda Civic 4D 2.0l

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.

Production Dates : MAR 17, 2015 - OCT 03, 2016

VIN Range 1 : Begin : 2HGFC2E56GH500057 End : 2HGFC2F55GH577971 Not sequential

VIN Range 2 : Begin : 19XFC2F52GE000017 End : 19XFC2F78GE249181 Not sequential

Description of Defect :

Description of the Defect : The software programming for the Vehicle Stability Assist Electronic Control Unit (VSA ECU) may prevent application of the Electric Parking Brake (EPB) when applied immediately after turning the vehicle ignition to the OFF mode.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : EPB inoperability can result in vehicle rollaway, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : If the EPB cannot be applied, the "BRAKE" warning indicator in the instrument panel will blink for 15 seconds to alert the vehicle operator.

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Systems, Inc.

Address : 1103 Jamestown Road
Morganton NORTH CAROLINA 28655

Country : United States

Chronology :

Dec 6, 2015

Honda received its first warranty claim of brake warning indicator illumination with Diagnostic Trouble Code (DTC) U3000-49: ECU internal circuit failure.

Apr 20 to Jul 15, 2016

After receipt of additional brake warning indicator illumination complaints, Honda, in conjunction with Continental, launched an investigation into the root cause of the brake issue. VSA ECUs returned from the field were studied by Continental. Preliminary bench testing suspected that there was a communication error between the VSA ECU and the EPB caused by the iDWS (deflation warning system). The iDWS was designed to write data into the VSA ECU immediately after turning the vehicle ignition to the OFF mode and may take up to four seconds to complete. During this interval between turning the vehicle ignition to the OFF mode and the writing of iDWS data, the EPB cannot communicate with the VSA ECU, resulting in EPB inoperability until the next ignition cycle. The brake warning indicator will blink for 15 seconds to alert the vehicle operator of EPB inoperability and store DTC U3000-49 in the VSA ECU. This communication error does not cause EPB inoperability when EPB application occurs prior to turning the vehicle ignition to the OFF mode. Additionally, for affected vehicles with CVTs, placing the vehicle in PARK will engage a parking pawl in the transmission that should prevent a vehicle roll-away under most conditions. For affected vehicles with manual transmissions, leaving the vehicle in gear should prevent a vehicle roll-away under most conditions.

Jul 20 to Sep 22, 2016

Honda continued its investigation including real world testing and failure rate assessment occurring from normal vehicle usage.

Oct 4, 2016 Honda determined that a defect related to motor vehicle safety exists and decided to conduct a safety recall.

As of Oct 4, 2016 Honda has received 342 warranty claims, no reported roll-aways, and no reports of injuries or crashes related to this safety defect.

Description of Remedy :

Description of Remedy Program : The owners of all affected vehicles will be contacted by mail and asked to take their vehicle to a Honda automobile dealer. The dealer will reprogram the VSA ECU with updated software that eliminates the potential for EPB inoperability, free of charge. Because the new vehicle warranty on all affected vehicles would have provided a free repair for the problem addressed by this recall, without any payment by the owner, reimbursement for pre-notification repairs will not be offered. To avoid EPB inoperability, the owner notification will advise the owner to apply the EPB prior to turning the vehicle ignition to the OFF mode. Owners will also be reminded to place their vehicle in PARK before exiting the vehicle (for vehicles equipped with CVT) or leave their vehicle in gear

(for vehicles equipped with manual transmissions).

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 07, 2016 - OCT 07, 2016

Planned Owner Notification Date : NOV 08, 2016 - NOV 09, 2016

* NR - Not Reported