

Honda Recall Notification

2016 Model Year Civic

Electric Parking Brake

*REVIEWED BY:
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John Turley*

Submit to NHTSA – October 6, 2016

573.6(c)(2)

Identification of potentially affected vehicles:

<u>Make/Model</u>	<u>Description</u>	<u>VIN Range/Dates of Manufacture</u>
Honda Civic 2D (1.5l turbo)	Certain 2016 model year	2HGFC3B37GH350002 - 2HGFC3B31GH362338 July 28, 2015 to October 3, 2016
Honda Civic 2D (2.0l)	Certain 2016 model year	2HGFC4A57GH300001 - 2HGFC4B54GH317031 July 28, 2015 to September 30, 2016
Honda Civic 4D (1.5l turbo)	Certain 2016 model year	2HGFC1F38GH600054 - 2HGFC1F70GH660056 April 1, 2015 to October 3, 2016 19XFC1F35GE000036 - 19XFC1F39GE223258 October 6, 2015 to September 30, 2016
Honda Civic 4D (2.0l)	Certain 2016 model year	2HGFC2E56GH500057 - 2HGFC2F55GH577971 March 17, 2015 to October 3, 2016 19XFC2F52GE000017 - 19XFC2F78GE249181 October 8, 2015 to October 1, 2016

573.6(c)(3)

Total number of potentially affected vehicles: 350,083

573.6(c)(4)

Percentage of affected vehicles that contain the defect: 100%

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.

573.6(c)(5)

Defect description:

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. If the EPB cannot be applied, the "BRAKE" warning indicator in the instrument panel will blink for 15 seconds to alert the vehicle operator. EPB inoperability can result in vehicle rollaway, increasing the risk of a crash.

573.6(c)(2)(iv)

Identification of affected component:

Component: Vehicle Stability Assist Electronic Control Unit
Country of Origin: United States
Manufacturer: Continental Automotive Systems, Inc.
Contact Name: Felicia Weston
Address: 1103 Jamestown Road, Morganton NC 28655
Telephone No.: 248-393-6429

573.6(c)(6)

Chronology:

December 6, 2015

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

April 20 to July 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.

July 20 to September 22, 2016

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

October 4, 2016

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

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

573.6(c)(8)(i)

Program for remedying the defect:

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).

573.6(c)(8)(ii)

The estimated date to start notification to dealers: October 7, 2016
The estimated date to start notifications to owners: November 8, 2016

573.6(c)(11)

Manufacturer's campaign number: KC6