

**Part 573 Safety Recall Report****15V-574****Manufacturer Name :** Honda (American Honda Motor Co.)**Submission Date :** OCT 01,2015**NHTSA Recall No. :** 15V-574**Manufacturer Recall No. :** JU2-Civic, JU3-Fit**Manufacturer Information :**

Manufacturer Name : Honda (American Honda Motor Co.)

Address : 1919 Torrance Blvd.

Torrance CA 90501

Company phone : 310-783-2000

**Population :**

Number of potentially involved : 143,676

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2014-2015 HONDA CIVIC

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 : JAN 16, 2014 - NOV 06, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 2HGFG3B58EH506342

End : 2HGFG3B83EH526976

 Not sequential VINs

Begin : 2HGFB2F9XEH510625

End : 2HGFB2F53EH559839

 Not sequential VINs

Begin : 19XFB2F57EE014270

End : 19XFB2F76FE213751

 Not sequential VINs

Begin : 19XFB2F89FE213364

End : 19XFB2F89FE213364

 Not sequential VINs

Vehicle : 2015-2015 HONDA FIT

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 12, 2014 - MAY 12, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 3HGCK5H87FM701786

End : 3HGCK5H52FM787207

 Not sequential VINs

**Description of Defect :**

Description of the Defect : The CVT software in affected vehicles is written to use high hydraulic pressure during certain CVT operation modes, which as a result may subject the drive pulley shaft to high stress. In addition, during manufacturing of the drive pulley shaft, some parts may have been produced at the low end of the hardness specification. If shafts with lower hardness are repeatedly subjected to the specific high hydraulic pressure modes, it may result in the shaft breaking during operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the drive pulley shaft breaks, the vehicle may lose acceleration or the front wheels may lock up while driving, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :**

**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

July 16, 2014

Honda received the notification of the first occurrence of a broken drive pulley shaft in the US.

September 2014

Failed part analysis of the first broken drive pulley shaft showed fatigue fracture that started from the surface of the inner diameter (hole). A black stain was observed at the fracture starting point area, and the hardness around this area was also reduced.

December 2014

The black stain on the shaft was found to be a result of the anti-corrosion oil.

January 7, 2015

Honda received a claim in Canada that the front wheels locked during operation.

February 2015

Honda started to study the ECU programming to determine the amount of stress being applied onto the shaft during operation.

July 2015

Honda began to investigate software specification in comparison with driving conditions in other countries.

September 3, 2015

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

As of September 3, 2015 Honda has received 23 warranty claims and no field reports or injuries related to this issue.

**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 install a CVT software update that contains a stress reduction program, 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.

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 : SEP 11, 2015 - NR

Planned Owner Notification Date : OCT 16, 2015 - OCT 16, 2015

\* NR - Not Reported