

**Part 573 Safety Recall Report****15V-417****Manufacturer Name :** Honda (American Honda Motor Co.)**Submission Date :** JUN 24,2015**NHTSA Recall No. :** 15V-417**Manufacturer Recall No. :** JQ7**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 : 106,439

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2014-2014 Acura MDX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain model 2014 model year

Production Dates : MAY 06, 2013 - JUN 03, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5FRYD3H82EB001001

End : 5FRYD3H84EB021010

 Not sequential VINs

Vehicle : 2014-2014 Acura MDX AWD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2014 model year

Production Dates : APR 23, 2013 - JUN 03, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5FRYD4H40EB001002

End : 5FRYD4H47EB050276

 Not sequential VINs

Vehicle : 2015-2015 Acura MDX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 model year

Production Dates : JUN 04, 2014 - DEC 16, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5FRYD3H44FB001001

End : 5FRYD3H22FB011380

 Not sequential VINs

Vehicle : 2015-2015 Acura MDX AWD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 model year

Production Dates : JUN 03, 2014 - DEC 16, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5FRYD4H83FB001001

End : 5FRYD4H27FB027967

 Not sequential VINs**Description of Defect :**

Description of the Defect : During manufacturing of the A/C compressor clutch drive bolts, certain lots failed to receive the proper dielectric topcoat. Without the topcoat, the bolts are susceptible to corrosion and may break during operation.

In addition, there were certain lots that did not have sufficient curing of the e-coat applied to the bolts. Insufficient e-coat curing may cause low torque values and low hardness, resulting in the bolt becoming loose or falling off during operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Either of these conditions can cause the A/C unit to blow warm air, or in severe cases the A/C clutch drive plate may fall off the vehicle during operation.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Delphi Thermal Systems

Address : 350 Upper Mountain Road

Lockport Technical Center Lockport NEW YORK 14094

Country : United States

**Chronology :**

March 18, 2014

Supplier received the first claim regarding the A/C blowing warm air.

May 8, 2014

Supplier identified 6 similar claims regarding the A/C compressor clutch bolt and confirmed with the bolt supplier that all bolts came from the same lot. Supplier contacted Honda Manufacturing of Alabama (HMA) to report the defect.

May 29, 2014

Supplier confirmed that suspect lot does not have dielectric topcoat and began recreation testing.

July 2014

Recreation testing showed corrosion on the bolt and a failure forecast investigation was started.

September 2, 2014

Honda received warranty claims for broken clutch bolt broken and missing A/C clutch plate.

November 4, 2014

Honda received warranty claims for a missing clutch bolt, which indicated a different problem other than the dielectric topcoat missing.

January 13, 2015

Honda received a warranty claim for a loose clutch bolt in the market.

January 28, 2015

Honda conducted a healthy vehicle inspection and found low torque on 4 of 17 vehicles.

February 9, 2015

Supplier started investigating low hardness and insufficient curing of the e-coat on the clutch bolts.

June 18, 2015

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

As of March 26, 2015 Honda has received a total of 338 claims and zero 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 an Acura automobile dealer. The dealer will replace the clutch drive bolt, and if necessary install a new clutch plate and/or compressor, 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 : JUN 25, 2015 - JUL 13, 2015

Planned Owner Notification Date : JUL 31, 2015 - JUL 31, 2015

\* NR - Not Reported