

April 8, 2016

Mr. Gregory K. Rea
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Recall Management Division (NVS-210)
Room: W45-208
1200 New Jersey Ave. SE
Washington, DC 20590

Dear Mr. Rea:

The following information is submitted pursuant to the requirements of 49 CFR Part 579.11, Defect and Noncompliance Reports, which contains details of a safety defect in vehicles as determined by FCA Fiat Chrysler Automóveis Brasil LTDA ("FCA Brazil").

579.12(a) - 573.6(c)(1): Manufacturer's Name, Brand Name

FCA Brazil, Jeep

579.12(a) - 573.6(c)(2)(i): Identification of Affected Vehicles

Make(s)	Model(s)	Model Year(s)	Inclusive Dates of Manufacture
Jeep	Renegade	2015-2016	February 24, 2015 to October 22, 2015

Component Information:

Part Name: Engine Control Module

Part Description: Engine Control Module for the 1.8L eTorq Flex engine and automatic six-speed ("AT6") transmission

Part Number: 52031408 Software Identifier: B051BB26 version 0000

579.12(a) - 573.6(c)(2)(iv): Component manufacturer name, address, telephone number, and country of origin:

Magneti Marelli
Avenida da Emancipação
801 G.01, Hortolandia-SP
Brazil Zip code: 13184-654

579.12(a) - 573.6(c)(3): Potentially Affected Vehicle Population

28,928 (estimated)

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The following foreign countries are included in the safety recall: Brazil

579.12(a) - 573.6(c)(5): Description of Defect:

Some Jeep Renegade ("B1") vehicles with the 1.8LeTorq Flex Engines and the AT6 transmission may experience an Engine Control Module ("ECM") reset while using the vehicles' cruise control function. An ECM reset can cause an engine stall while driving. The vehicle can be restarted with a key-on cycle.

579.12(a):): Determination of Defect or Noncompliance and Description of Remedy

On April 1, 2016, FCA Brazil determined to conduct a voluntary foreign safety recall to reflash the ECM software with a new set of calibration parameters to eliminate the engine stall condition.

Of the 28,928 B1 vehicles, 22,000 have been sold and three customer complaints have been reported.

579.12(a): Identification of Similar Models Sold in the United States

The 2015-2016 MY B1 vehicle built for the Brazil market is substantially similar to the 2015-2016 MY Jeep Renegade ("BU") vehicle built for the U.S. market.

This foreign safety recall is attributed to improperly specified ECM software calibration parameters for the B1 vehicles with the 1.8L eTorq Flex engines and the AT6 transmission built in the Goiana, Brazil Assembly plant. The combination of the 1.8L eTorq Flex engine and this ECM and software is unique to the Brazilian market and is not available in BU vehicles built for the U.S. market.

579.12(a): Recall Commencement

This recall has not yet commenced.

The following countries are affected by this recall: Brazil

FCA Brazil, in cooperation with appropriate government authorities, will determine when they will notify the owners regarding this recall campaign.

Additional Information: Manufacturer's Campaign Number

FCA US LLC has assigned recall number S25 to this action.

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Sincerely,

A handwritten signature in black ink, appearing to read 'S. Williams', written in a cursive style.

Stephen L. Williams
Head – Vehicle Safety Compliance and Product Analysis
FCA US LLC