

# Part 573 Safety Recall Report

# 18V-390

**Manufacturer Name :** Ford Motor Company**Submission Date :** JUN 11, 2018**NHTSA Recall No. :** 18V-390**Manufacturer Recall No. :** 17S16 (S2)**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

**Population :**

Number of potentially involved : 25

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2018 Ford Edge

Vehicle Type : LIGHT VEHICLES

Body Style : UNKNOWN

Power Train : GAS

**Descriptive Information :** Certain 2017-2018 Edge and 2017 MKZ vehicles equipped with 2.0L gas engines and 6F35 transmissions may have been built with torque converters with weld studs that were inadequately welded. Ford's team reviewed plant records to determine the population vehicles with affected parts. The Ford process is capable of tracing transmission assemblies production to the vehicle in which the torque converter is installed. This action adds 25 vehicles to Ford recall 17S16 (17V427) approved in July 2017. The 25 VINs associated with this action are listed below.

**Production Dates :** JUL 28, 2017 - MAR 08, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 Lincoln MKZ

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : GAS

**Descriptive Information :** Certain 2017-2018 Edge and 2017 MKZ vehicles equipped with 2.0L gas engines and 6F35 transmissions may have been built with torque converters with weld studs that were inadequately welded. Ford's team reviewed plant records to determine the population vehicles with affected parts. The Ford process is capable of tracing transmission assemblies production to the vehicle in which the torque converter is installed. This action adds 25 vehicles to Ford recall 17S16 (17V427) approved in July 2017. The 25 VINs associated with this action are listed below.

**Production Dates :** AUG 24, 2017 - AUG 24, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

**Description of Defect :**

Description of the Defect : On affected vehicles with 2.0L gas engines and 6F35 transmissions, weld studs on the torque converter may have been inadequately welded (i.e., cold weld). If the welded studs break, the torque converter will lose coupling to the engine flexplate resulting in a loss of motive power. The power steering, power brakes, electrical function and vehicle restraint systems will still continue to operate, and the transmission park function will not be affected.

Ford is not aware of any reports of accident or injury related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Loss of torque converter attachment to the engine flexplate can result in loss of motive power without warning while driving, which may increase the risk of a crash.

Description of the Cause : Improperly manufactured torque converter assemblies quarantined as part of Ford recall 17S16 (17V427) were intended to be scrapped. Ford has identified that 25 of these quarantined torque converters were mishandled and subsequently installed into new transmission assemblies.

Identification of Any Warning that can Occur : None

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

Name : Valeo Transmission

Address : AV CENTRAL NO 505 PARQUE LOGISTICO  
SAN LUIS POTOSI City FOREIGN STATES 78395

Country : Mexico

**Chronology :**

May 2018: An issue concerning a vehicle, repaired under warranty, exhibiting broken weld studs on the torque converter was brought to Ford's Critical Concern Review Group (CCRG) for review. The torque converter installed in this vehicle had been subject to Ford's July 2017 recall 17S16 (17V427). Ford's investigation found that the torque converter installed in this vehicle had originally been quarantined as intended, but was subsequently mishandled and installed into a new transmission assembly. Review of records identified 25 additional torque converters that were similiary mishandled and installed into new transmission assemblies.

On June 4, 2018, Ford's Field Review Committee reviewed the concern and approved the addition of these 25 vehicles to Ford recall 17S16 (17V427).

**Description of Remedy :**

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have their torque converters replaced. There will be no charge for this service.

Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : Torque Converter, Part Number - DG9Z-7902-F

Identify How/When Recall Condition was Corrected in Production : The torque converter supplier replaced the incorrect weld shunt cable with a correct cable on April 18, 2017. Torque converters produced after this date were introduced into vehicle production on dates which vary by vehicle make and model.

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is expected to occur on July 10, 2017. Mailing of owner notification letters is expected to begin June 25, 2018 and is expected to be completed by June 29, 2018.

Mailing of owner notification letters to the added vehicle population is expected to occur on June 29, 2018.

Planned Dealer Notification Date : JUN 11, 2018 - JUN 11, 2018

Planned Owner Notification Date : JUN 25, 2018 - JUN 29, 2018

\* NR - Not Reported