

CERTAIN 2017 MODEL YEAR MKZ AND 2017-2018 MODEL YEAR EDGE AND FUSION VEHICLES EQUIPPED WITH A 2.0L ENGINE — TORQUE CONVERTER REPLACEMENT

OVERVIEW

In some of the affected vehicles, the studs that retain the torque converter to the engine flexplate may have been improperly welded. Improperly welded studs may detach from the torque converter leading to loss of motive power. Should the vehicle lose transmission function while driving, the power steering, power brakes, electrical systems and restraint systems will still operate, and the transmission park function is not affected.

Before demonstrating or delivering any new in-stock vehicles involved in this recall, dealers are to replace the torque converter following the technical instructions. This service must be performed on all affected vehicles at no charge to the vehicle owner.

SERVICE PROCEDURE

Recommended Tool List:

General Tools	General Equipment
1/4", 3/8" and 1/2" Drive Ratchets, and Torque Wrenches	Copper Hammer
1/4", 3/8" Drive Air Ratchets and 1/2" Drive Air Impact Wrench	Punch
1/4" Drive Extensions - 2" and 4"	Magnetic Socket
3/8" Drive Extensions - 2", 4", 6" and 12"	Transmission Jack
1/2" Drive Extension - 4"	Two Leg Puller
Wrenches - 10 mm, 13 mm, 15 mm, 18 mm, 21 mm	Tie Rod End Remover
Torx and Hex bits - T25, T40, T45, T50 Torx and M10	Steering Wheel Holder
1/4" Drive Deep Sockets - 5.5 mm, 7 mm, 8 mm, 10 mm, 11 mm, 13 mm, 15 mm	Wooden Block
1/4" Drive Swivel Sockets - 7 mm, 10 mm	
3/8" Drive Short Sockets - 10 mm, 13 mm, 18 mm	Hose Clamp Remover/Installer
3/8" Drive Deep Sockets - 8 mm, 10 mm, 13 mm, 15 mm, 17 mm, 18 mm	
1/2" Drive Deep Sockets - 15 mm, 18 mm, 19 mm, 21 mm, 32 mm	Paint Marker
10mm, 17mm, 18mm Torque Adapters	Mechanics Wire
Additional tools - Channel Lock Pliers, Soft Trim Removal Tool, Oil Filter Wrench or Pliers, 42" Prybar	



Recommended Tool List (Continued):

Special Tools	
100-001 (T50T-100-A) Slide Hammer	303-050 (T70P-6000) Lifting Bracket, Engine
205-241 (T86P-3514-A) Remover, Halfshaft	303-F070 (Edge) Support Bar, Engine
205-290 (T89P-3415-B) Remover, Halfshaft (Plate)	303-F072 (Fusion/MKZ) Support Bar, Engine
303-290-05A Adapter for 303-290A	204-161 (T97P-1175-A) Installer, Halfshaft
303-290B-19, Adapter for 303-290B	205-D070 (D93P-1175-B) Remover, Front Wheel Hub
307-566 Retainer, Torque Converter	205-907 (AWD) Handle, 32 Driver
307-569 Disconnect Tool TOC Line (1/2)	307-582A (AWD) Cover Axle Seal Installer
300-OTC1585AE Powertrain Lift	307-091 Handle, Torque Converter
205-153 (T80T-4000-W) Handle	307-627 Installer, Torque Converter Hub Seal
307-626 Installer, Differential Seal	307-718 Installer, Axle Seal

NOTE: It is not necessary to completely remove the rear driveshaft on vehicles equipped with All Wheel Drive (AWD). Separate the rear driveshaft from the PTU, and support as needed.

NOTE: It is not necessary to remove the transmission fluid auxiliary pump on vehicles equipped with the Automatic Start / Stop feature.

NOTE: It is not necessary to remove the Heated Oxygen Sensor (HO2S) or catalyst monitor sensor when performing this procedure.

NOTE: For AWD vehicles, it is not necessary to drain the PTU when performing this procedure.

1. Remove the transmission. Please follow the WSM Procedures in Section 307-01A.

- The transmission fluid must be drained while performing this procedure.
- MKZ vehicles only - it is not necessary to remove and discard the transmission support insulator studs in Step 33 of the WSM transmission removal procedure. Instead, confirm the studs are torqued to 19 lb-ft (25.5 Nm). If the studs are torqued properly they can be re-used as-is. If a stud is found to be loose, remove and clean that stud, then reapply loctite 243 and reinstall the stud to 22 lb-ft (30 Nm).

NOTE: Disassembly of the transmission is not required for torque converter and hub seal replacement.

2. Replace the torque converter and torque converter hub seal. Please follow the WSM procedures in Section 307-01A (Overhaul Section).

- Ensure that the transmission bell housing is clean after replacing the torque converter and seal to prevent transmission fluid leak concerns, after the repair is completed.

3. Install the transmission. Please follow the WSM procedures in Section 307-01A.

- Check and top off the transmission fluid following WSM procedure.

