

**FORD:**  
2007 Edge

**LINCOLN:**  
2007 MKX

### **ISSUE**

Some 2007 All Wheel Drive Edge and MKX vehicles may exhibit noise from the power transfer unit (PTU). The noise typically occurs at speeds between 50-60 MPH (80-97 Km/h).

### **ACTION**

Follow the Service Procedure steps to diagnosis a PTU noise.

### **SERVICE PROCEDURE**

PTU noise is perceived as a whine or a hoot noise at speeds between 50-60 MPH (80-97 Km/h). It is dependent on vehicle speed and is not affected by tip in/out, engine speed, or transmission gear (OD on/OD off). In some vehicles, the noise is also associated with vibrations in the dash and/or gear shifter knob at/or between 50-60 mph (80-97 Km/h).

1. Drive the unit at speeds between 50-60 MPH (80-97 Km/h) to verify the presence of the noise.
2. If the noise is present, evaluate the level of the noise during the following maneuvers.

### **NOTE**

IF THE PTU IS THE CAUSE, THE FOLLOWING STEPS SHOULD HAVE NO EFFECT ON THE NOISE.

3. Acceleration and deceleration in the speed range (tip in/tip out of the throttle).
4. While driving at a steady speed between 50-60 MPH (80-97 Km/h), evaluate the noise with the transmission OD on and OD off.
  - a. If the noise was not impacted by these maneuvers, return the vehicle to the garage and inspect the serial number on the PTU etched into the underside of the case.

- b. If the serial number is F0701216447 or lower, replace the PTU per Workshop Manual (WSM), Section 308-07B.

- c. If the serial number is F0701217xxx or higher, proceed to Step 5.

5. Return the vehicle to the garage and disconnect the electrical connector at the rear axle. Drive the unit at speeds between 50-60 MPH (80-97 Km/h) and evaluate the level of the noise.

### **NOTE**

IF STEP 5 HAD NO EFFECT ON THE NOISE, THE PTU SHOULD BE REPLACED PER WSM, SECTION 308-07B.

6. If the noise was not present in Step 5, return the vehicle to the garage and remove the driveshaft, per WSM, Section 205-01. The rear axle may be the cause.

### **NOTE**

IT IS NECESSARY TO MARK THE DRIVESHAFT SO THE LOCATION UPON INSTALL WILL REMAIN CONSTANT.

7. Drive the unit at speeds between 50-60 MPH (80-97 Km/h) and evaluate the level of the noise.

### **NOTE**

IF STEP 7 SIGNIFICANTLY REDUCED OR ELIMINATED THE NOISE, REPLACE THE PTU PER WSM, SECTION 308-07B.

PART NUMBER	PART NAME
7T4Z-7251-C	Power Take Off Asy

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

## TSB 07-11-13 (Continued)

**WARRANTY STATUS:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage  
**IMPORTANT:** Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
071113A	2007 Edge/MKX All Wheel Drive PTU Serial Number Lower Than F070126447: Replace The PTU Includes Time to Road Test To Verify Concern (Do Not Use With 7003B, 4602A, 4462A, 5212B, 12650D70)	3.3 Hrs.

071113B	2007 Edge/MKX All Wheel Drive PTU Serial Number Higher Than F070126447: Follow Diagnosis In Service Procedure And Replace The PTU If Necessary Includes Time To Perform Road Tests (Do Not Use With 7003B, 4602A, 4462A, 5212B, 12650D70)	4.1 Hrs.
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DEALER CODING	CONDITION CODE
BASIC PART NO. 7251	42