

# INOPERATIVE RKE TRANSMITTER (KEY FOB)— DISCHARGED KEY FOB BATTERY

TSB 08-12-9

## **FORD:**

2008 Crown Victoria, Focus, Mustang  
2007-2008 F-150  
2008 E-Series, Expedition,  
Explorer Sport Trac, Explorer, F-Super Duty,  
Ranger

## **LINCOLN:**

2007-2008 Mark LT

## **MERCURY:**

2008 Grand Marquis, Mountaineer

## **ISSUE**

Some 2007-2008 vehicles equipped with a remote keyless entry (RKE) transmitter may exhibit an inoperative Key Fob due to a discharged Key Fob battery. This may be caused by an internal issue with the Key Fob software. This concern only applies to vehicles built within a specific date range with Key Fobs manufactured within a specific date range.

## **ACTION**

Follow the Service Procedure steps to correct the condition.

## **SERVICE PROCEDURE**

### **NOTE**

PERFORMING THIS PROCEDURE WILL HAVE NO EFFECT ON KEY FOB RANGE. REFER TO WORKSHOP MANUAL (WSM), SECTION 501-14 FOR KEY FOB RANGE DIAGNOSTICS.

1. Refer to vehicle list for build date range. (Figure 1)

**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 08-12-9 (Continued)

Vehicle List	Built From	Built To
2007-2008 F150/Mark LT	2/1/2007	1/21/2008
2008 Mustang	6/25/2007	11/12/2007
2008 Focus	8/27/2007	11/12/2007
2008 Explorer/Explorer Sport Trac/Mountaineer	6/25/2007	11/19/2007
2008 Econoline	8/6/2007	12/3/2007
2008 Expedition	6/11/2007	12/13/2007
2008 Crown Victoria/Grand Marquis	5/7/2007	12/14/2007
2008 Ranger	6/4/2007	12/14/2007
2008 F250-550	5/1/2007	12/17/2007

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Figure 1 - Article 08-12-9

- a. If the vehicle was built within the date range, then continue with this procedure.
  - b. If not, then do not proceed. Continue with normal diagnostics per WSM, Section 501-14.
2. Is the vehicle Key Fob part number 8L3T-15K601-AA (3 button) or 8S4T-15K601-AA (4 button)? (Figure 2)
- a. Yes - Go to Step 3.
  - b. No - Do not proceed. Continue with normal diagnostics per WSM, Section 501-14.
3. Using a thin coin, open the Key Fob and inspect manufacturer's date code sticker. The first three digits = day of year. The last digit = year. (Figure 3)

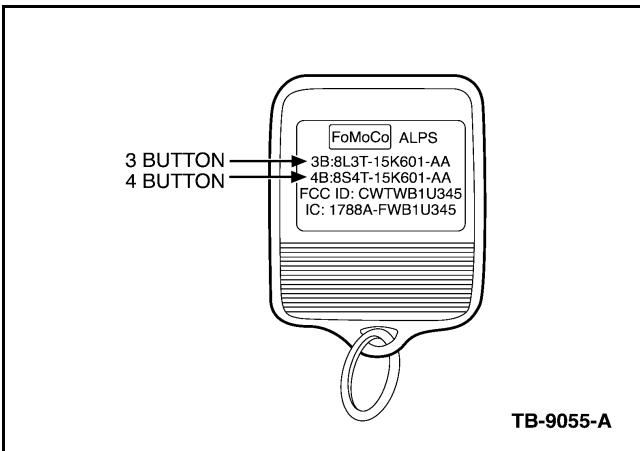


Figure 2 - Article 08-12-9

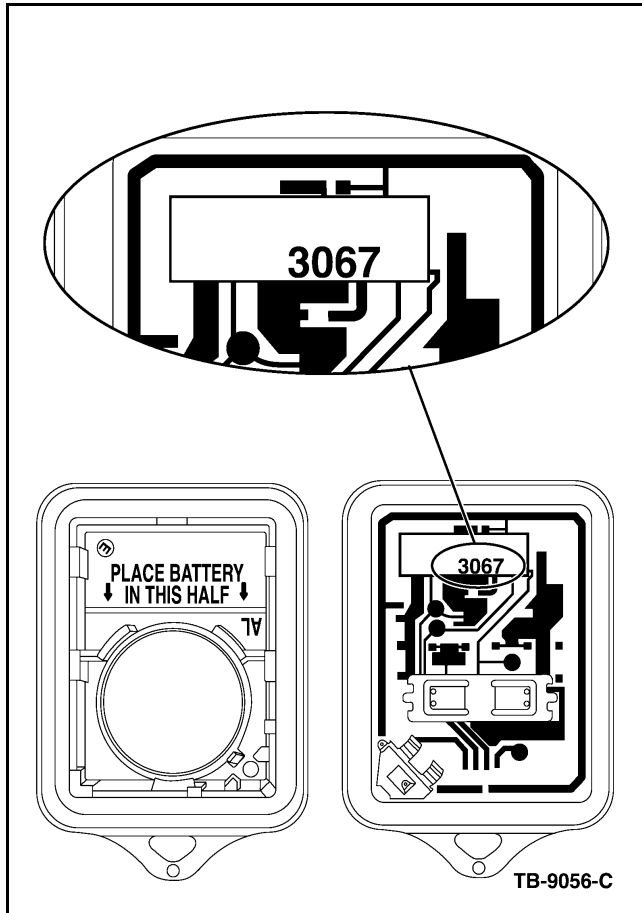


Figure 3 - Article 08-12-9

- a. If the first 3 digits are equal to or between 005 and 306 (5th day through 306th day) and the last digit is 7 (year), then proceed to Step 4.
  - b. If the number is outside this specified range, then do not proceed. Continue with normal diagnostics per WSM, Section 501-14.
4. If the Key Fob is inoperative due to a discharged Key Fob battery, and the date code falls within the specified range, then replace Key Fob. Program the new Key Fob transmitter using the IDS RKE Transmitter Programming Procedure. Reassemble old Key Fob for warranty return analysis.

**NOTE**

KEY FOBs REPLACED UNDER WARRANTY WILL BE REQUESTED FOR ANALYSIS AND VERIFICATION OF THE DATE CODE.

a. IDS RKE Transmitter Programming Procedure

- (1) Install known good battery into the suspect Key Fob so that IDS scan tool can identify it.
  - (2) Connect IDS to vehicle.
  - (3) From the Main Toolbox tab:
    - (a) Select - Body.
    - (b) Select - Security.
    - (c) Select - Remote Keyless Entry.
  - (4) Press the “Unlock” button on the suspect Key Fob to view the Transmitter Identification Code (TIC) in IDS.
5. Select “Erase One Key Fob” or the “Erase” button.
  6. Select the suspect Key Fob TIC to erase from vehicle memory.
  7. Remove battery from suspect Key Fob and reassemble for warranty return.
  8. Select “Reprogram a New Keyfob” or the “Program” button.
  9. Press the “Unlock” button on the NEW Key Fob.
  10. Follow the instructions on the scan tool screen to complete the programming procedure.

PART NUMBER	PART NAME
8L3Z-15K601-AA	3-Button Key Fob
8S4Z-15K601-A	4-Button Key Fob

**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.

## TSB 08-12-9 (Continued)

<b>OPERATION</b>	<b>DESCRIPTION</b>	<b>TIME</b>			
081209A	2008 Focus, Mustang, Explorer, Explorer Sport Trac, Mountaineer, E-Series, Expedition, Crown Victoria, Grand Marquis, Ranger, F-Super Duty: Replace Key Fob(s), Includes Time To Perform Key Fob Programming Procedure, And Verify Date Code Sticker (Do Not Use With 15601A)	0.3 Hr.	081209A	2007-2008 F-150, Mark LT: Replace Key Fob(s), Includes Time To Perform Key Fob Programming Procedure, And Verify Date Code Sticker (Do Not Use With 15601A)	0.3 Hr.
			<b>DEALER CODING</b>		<b>CONDITION CODE</b>
			BASIC PART NO.		
			15K601		42