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**TSB**  
**05-21-17**

- **IGNITION KEY DIFFICULT OR UNABLE TO BE TURNED OR REMOVED - KEY-IN-IGNITION WARNING CHIME SOUNDING WITH KEY REMOVED**

Publication Date: October 17, 2005

**FORD:** 2000-2005 Focus

This article supersedes TSB 05-19-11 to update the Service Procedure.

**ISSUE:**

Some 2000-2005 Focus vehicles may exhibit ignition key related issues including difficulty or an inability to turn the key, an inability to remove the key, or (2005 only) the key-in-ignition warning chime continuing to sound even when the key is removed.

**ACTION:**

Based on the vehicle's symptom, refer to the appropriate Service Procedure.

**SERVICE PROCEDURE**

**UNABLE TO REMOVE IGNITION KEY**

1. Check if the inability to remove the key is the result of normal operation of the key removal inhibit circuit: In automatic transmission equipped vehicles, the key removal inhibit solenoid (within the ignition switch assembly) is energized when the gear selector is moved out of the park position, and prevents the ignition key from being removed. If the gear selector is in any position other than park when the key is rotated or turned off, the key removal inhibit circuit will not release the key (key cannot be removed). To remove the key, the gear selector must first be placed in the park position, then the ignition must be cycled to run and back to lock. This is normal, do not replace the ignition lock cylinder if it is operating as described.
2. Refer to Workshop Manual, Section 307-05 and follow diagnostics for the "shift interlock system". The shift interlock system includes the key removal inhibit circuit, which may be causing the concern. If the shift interlock system is operating correctly, replace the ignition lock cylinder. Refer to Workshop Manual, Section 501-14, "Ignition Lock Cylinder - Functional" removal and installation procedure.

**DIFFICULT OR UNABLE TO TURN IGNITION KEY**

1. Refer to Workshop Manual, Section 211-05 and follow diagnostics.
2. If Workshop Manual diagnostics determine that the ignition lock cylinder is the cause, replace the cylinder. If the ignition key cannot be turned, follow the "Ignition Lock Cylinder - Non Functional" removal and installation procedure in the 2005 model year Workshop Manual Section 501-14.

**KEY-IN-IGNITION WARNING CHIME SOUNDING WITH IGNITION KEY REMOVED (2005 Model Year Only)**

1. **2005 Model Year Vehicles Produced Prior to 7/1/2004**
  - a. Replace the ignition lock cylinder. Refer to Workshop Manual Section 501-14, "Ignition Lock Cylinder - Functional" removal and installation procedure.

**2. 2005 Model Year Vehicles Produced 7/1/2004 or Later**

- a. Refer to Workshop Manual, Section 413-09 and follow diagnostics for key-in ignition warning chime does not operate properly.

PART NUMBER	PART NAME
5S4Z-11582-BB	Ignition Lock Cylinder

**WARRANTY STATUS:**

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

**DEALER CODING**

BASIC PART NO.	CONDITION CODE
11582	41

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.

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