

## Suspension - Front Suspension Popping Noises

TSB 07-18-1

09/17/07

FRONT [SUSPENSION](#) POPPING NOISE WHILE  
TURNING RIGHT OR LEFT - VEHICLES BUILT  
BEFORE 4/8/2005

FORD:  
2005 Mustang

This article supersedes TSB 05-9-11 to update the Part List.

### ISSUE

Some 2005 Mustang vehicles built before 4/8/2005 may exhibit an intermittent popping noise from the front of the vehicle while turning left or right. The noise will typically occur during low speed maneuvers and may occur multiple times while turning.

### ACTION

On both sides of the vehicle, install a revised upper strut bearing assembly. If the vehicle was built before February 2005, it may also be necessary to install a lower spring seat isolator if one is not already present. Refer to the following Service Procedure.

### SERVICE PROCEDURE

1. Remove the strut and spring assembly. Refer to Workshop Manual Section 204-01.
2. Disassemble the strut and spring assembly.

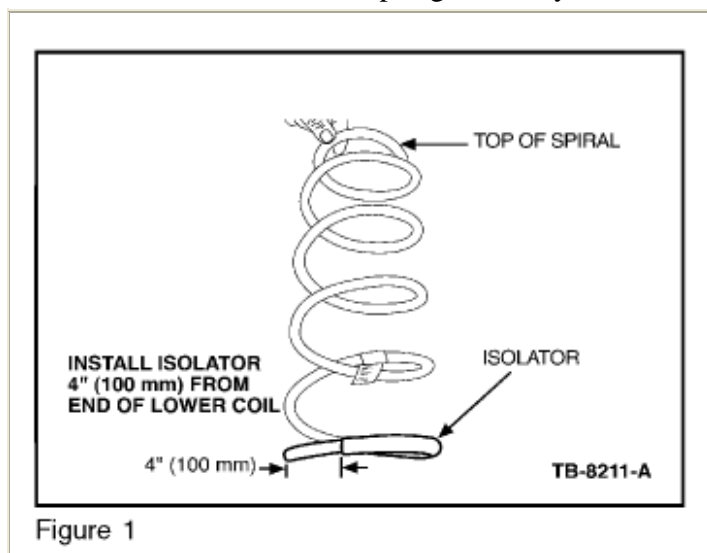


Figure 1

3. If the springs do not have a rubber isolator on the bottom spring coil, install isolators. Clean off any dirt prior to installing the isolator. The isolator should be installed 4" (100 mm) from the end of the coil (Figure 1).

4. Reassemble the strut and spring. During reassembly, make sure the lower spring coil is butted up against the lower spring seat on the strut and the upper spring coil is butted up against the upper bearing assembly.

**NOTE** INSTALL ALL NEW FASTENERS DURING REASSEMBLY.

**NOTE** VEHICLE ALIGNMENT IS NOT REQUIRED AFTER THIS REPAIR.

PART NUMBER	PART NAME
8R3Z-18183-B	Upper Strut Mount Assembly (Coupe)
5R3Z-18183-A	Upper Strut Mount Assembly (Convertible)
5R3Z-5L302-A	Spring Isolator
W520112-S440	Strut Upper Mount Nut
W520215-S440	Strut Rod Nut and Washer
W709870-S439	Strut-To-Wheel Spindle Bolt
W711091-S900	Strut-To-Wheel Spindle Flag Nut
N807144-S440	Stabilizer Bar Link Upper Nut

#### Parts Block

**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
071801A	2005 Mustang Install A Revised Upper Strut Bearing Assembly And A Lower Spring Seat Isolator On Both Front Struts (Do Not Use With 18124A, 18124AT, 5310A, 5310AT, 3455A, 3455AT)	1.5 Hrs.

#### DEALER CODING

BASIC PART NO.	CONDITION CODE
18183	42

**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.