

**GRUNT/CREAK/SQUEAK/CHIRP NOISE FROM THE LOWER CONTROL ARM BUSHING OVER BUMPS— BUILT ON OR BEFORE 8/3/2009**

**TSB 09-24-16**

**FORD:**  
2005-2010 Mustang

**ISSUE**

Some 2005-2010 Mustang 4.0L/4.6L, 2007-2010 Mustang Shelby GT500 vehicles built on or before 8/3/2009 may exhibit a grunt/creak/squeak/chirp noise from the lower control arm hydro bushing. The grunt/creak noise may occur over large vertical bumps like speed bumps and pot holes. The squeak/chirp noise may occur over bumps rough roads, and driveway approaches.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Use chassis ears on the lower control arm hydro bushing bracket tabs to verify noise is coming from the hydro bushing.
  - a. If the noise is confirmed, then proceed to Step 2.
  - b. If the noise is not confirmed, then this procedure does not apply. Proceed with normal Workshop Manual (WSM) diagnostics.
2. Late production lower control arms were equipped with a 0.75" (19 mm) ball joint shaft and improved hydro bushing. Early production vehicles used an 0.71" (18 mm) ball joint shafts. Using a suitable caliper measure the ball joint shaft.
  - a. If the measurement is 0.75" (19 mm) this procedure does not apply and follow normal diagnostics in WSM Section 100-04.
  - b. If the ball joint shaft measures 0.71" (18 mm) an improved service lower control arm with improved hydro bushing is available. Follow WSM section 204-01 to replace.

PART NUMBER	PART NAME
9R3Z-3078-A	Arm Asy-Front Suspension - Right Hand (Excludes GT 500)
9R3Z-3079-A	Arm Asy-Front Suspension - Left Hand (Excludes GT 500)
AR3Z-3078-A	Arm Asy-Front Suspension - Right Hand (GT 500)
AR3Z-3079-A	Arm Asy-Front Suspension - Left Hand (GT 500)

**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
092416A	2005-2010 Mustang: Replace One (1) Lower Control Arm, Includes Time To Diagnose (Do Not Use With Any Other Labor Operations)	1.2 Hrs.
092416B	2005-2010 Mustang: Replace Two (2) Lower Control Arms, Includes Time To Diagnose (Do Not Use With Any Other Labor Operations)	1.5 Hrs.

**DEALER CODING**

BASIC PART NO.	CONDITION CODE
3078	12

**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.