

# GRUNT/CREAK/CHIRP/SQUEAK NOISE FROM THE FRONT LOWER CONTROL ARM OVER BUMPS

TSB 13-7-8

**FORD:**  
2011-2014 Mustang

The article supersedes TSB **12-8-24** to update the model years, Service Procedure and Part List.

## ISSUE

Some 2011-2014 Mustangs vehicles may exhibit a grunt/creak/chirp/squeak noise from the front lower control arm hydro bushing. These noises may occur over large vertical bumps like speed bumps, pot holes, rough roads and driveway approaches.

## ACTION

Follow the Service Procedure steps to correct the condition.

## SERVICE PROCEDURE

1. Attach Rotunda wireless chassis ears (JSP97202) or equivalent on both lower control arm hydro bushing bracket tabs to verify noise is coming from the hydro bushing.
  - a. The hydro bushing is the large diameter bushing at the rear of the control arm. Due to hydraulic fluid flow some noise from the bushing is normal. There would typically be some difference from side to side on a unit with a noisy control arm.
2. If the noise is not confirmed as coming from the hydro bushing, this article does not apply, refer to Workshop Manual (WSM), Section 204-00 for normal diagnostics.
3. If the noise is confirmed as coming from the hydro bushing, replace the affected lower control arm with the new lower control arm with shield and 3 screws. Tighten the three (3) shield screws to 7 N•m (62 lb-in.) Refer to WSM, Section 204-01. (Figure 1)

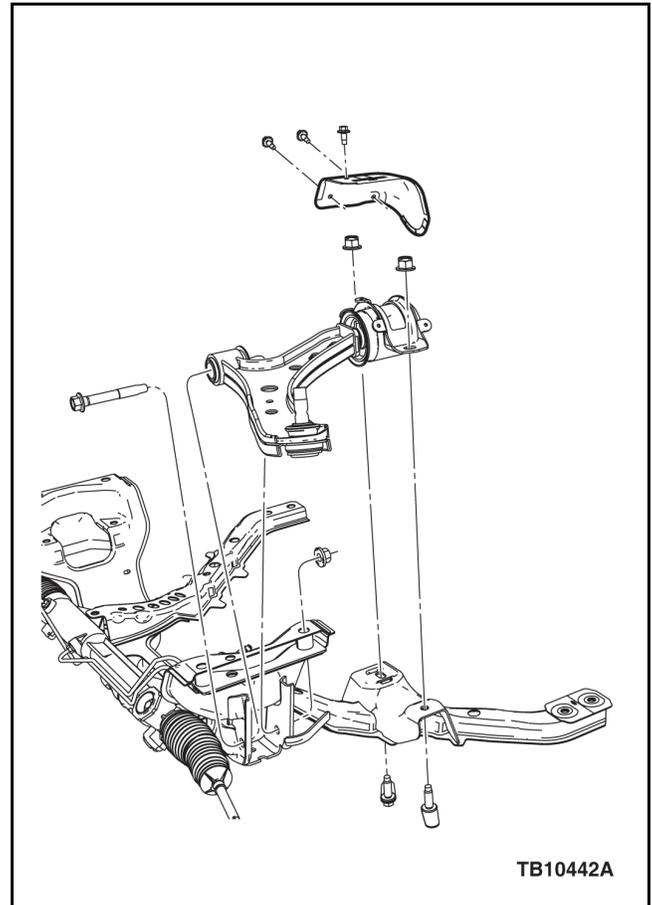


Figure 1 - Article 13-7-8

PART NUMBER	PART NAME
CR3Z-3078-D	Arm Asy - Right Front
CR3Z-3079-D	Arm Asy - Left Front
W710141-S439	Lower Arm Rear Bolt (2 Req)
W709865-S439	Lower Arm Front Bolt (2 Req)
W710909-S439	Steering Gear Bolt
W711123-S439	Ball Joint Bolt (2 Req)
W520215-S440	Lower Arm Rear Nut (2 Req)
W520214-S440	Ball Joint Nut (2 Req)
W713882-S437	Rack Nut
4R3Z-5G221-LH	Shield - Left
4R3Z-5G221-RH	Shield - Right
W704873-S439	Screw - Shield (6 Req)

**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 or Lincoln 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 13-7-8 (Continued)

**WARRANTY STATUS:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage  
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB.  
Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

130708B 2011-2014 Mustang: 2.1 Hrs.  
Replace Two (2) Front Lower Control Arms, Includes Time To Diagnose

### DEALER CODING

BASIC PART NO.  
3078

CONDITION CODE  
42

OPERATION	DESCRIPTION	TIME
130708A	2011-2014 Mustang: Replace One (1) Front Lower Control Arm, Includes Time To Diagnose	1.8 Hrs.