

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

### TECHNICAL SERVICE BULLETIN

Reference Number(s): 13-9-3, Date of Issue: September 4, 2013

FORD: 2011-2014 Mustang

Superseded Bulletin(s): 13-7-8, Date of Issue: September 4, 2013

### SERVICE INFORMATION



*NOTE: The article supersedes TSB 13-7-8 to update the Service Procedure and Part List.*

### ISSUE

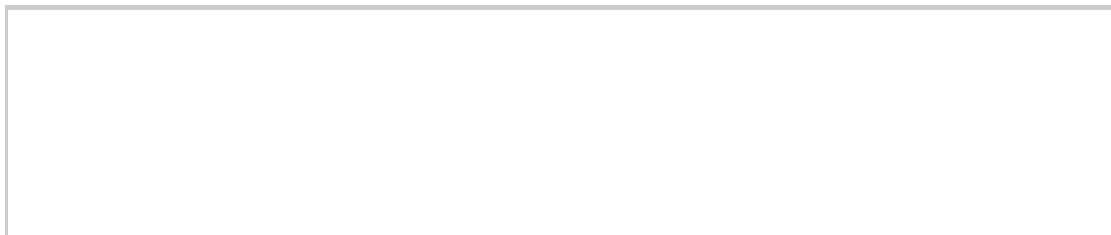
Some 2011-2014 Mustangs vehicles may exhibit a grunt/creak/chirp/squeak noise from the front lower control arm hydro bushing. These noises may occur over large vertical bumps like speed bumps, pot holes, rough roads and driveway approaches.

### 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 three (3) screws. Tighten the three (3) shield screws to 7 N.m (62 lb-in.) Refer to WSM, Section 204-01. (Figure 1)



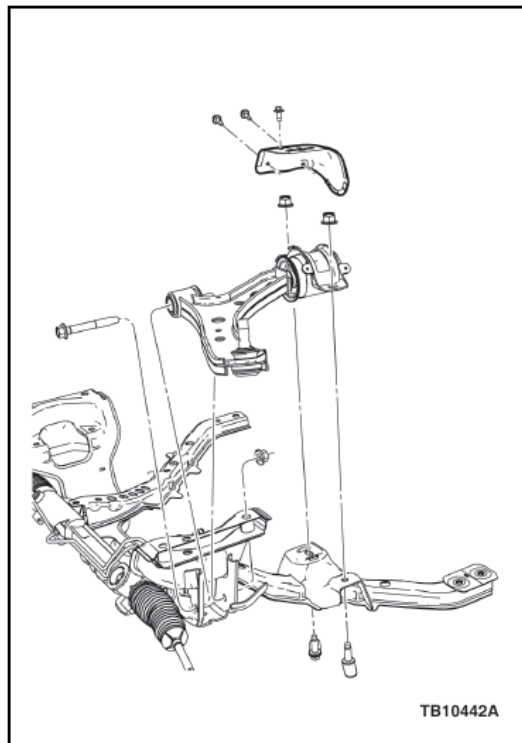


Figure 1 - Article 13-9-3

## PARTS INFORMATION

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 (1 Req)
W710909-S439	Steering Gear Bolt (2 Req)
W711123-S439	Ball Joint Bolt (1 Req)
W520215-S440	Lower Arm Rear Nut (2 Req)
W520214-S440	Ball Joint Nut (1 Req)
W713882-S437	Rack Nut
4R3Z-5G221-LH	Shield - Left
4R3Z-5G221-RH	Shield - Right
W704873-S439	Screw - Shield (3 Req)

## WARRANTY INFORMATION

**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.

WARRANTY INFORMATION

OPERATION	DESCRIPTION	TIME
130903A	2011-2014 Mustang: Replace One (1) Front Lower Control Arm, Includes Time To Diagnose	1.8 Hrs.
130903B	2011-2014 Mustang: Replace Two (2) Front Lower Control Arms, Includes Time To Diagnose	2.1 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
3078	42