

REARWARD FRONT LOWER CONTROL ARMS HIGH FRICTION—INSTRUMENT CLUSTER LIGHT ILLUMINATED—DTC CODES P07AE AND U0415—BUILT BETWEEN 2/1/2011-8/16/2011

TSB 11-11-3

FORD:
2011-2012 Fusion

LINCOLN:
2011-2012 MKZ

ISSUE

Some 2011-2012 Fusion vehicles equipped with 2.5L, 2.5L Atkinson or 3.0L engine and MKZ vehicles equipped 2.5L Atkinson engine and built between 2/1/2011 through 8/16/2011 may experience higher than expected friction in the rearward/half front lower control arms. The steering system senses the high friction condition and may illuminate the instrument cluster stability/traction control light, or the message center may display Steering Fault/Service Steering Soon, accompanied by diagnostic trouble codes (DTCs) P07AE and U0415.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Verify the vehicle build date:
 - a. If the vehicle build date is prior to 2/1/2011 or after 8/16/2011, do not continue with this article. Refer to Workshop Manual (WSM), Section 204-01, for normal diagnostics.
 - b. If the vehicle build date is 2/1/2011 to 8/16/2011, proceed to Step 2.
2. Retrieve DTC codes:
 - a. If P07AE and U0415 are not present and were not retrieved. Do not continue with this article. Refer to WSM, Section 204-01, for normal diagnostics.
 - b. If P07AE and U0415 are present, proceed to Step 3.
3. Raise the vehicle on a hoist. Refer to WSM, Section 100-02. In order to obtain accurate measurement, the suspension must be in full rebound with the weight of the vehicle supported by the frame. Raise and support the vehicle by the frame to allow the wheels to hang in the rebound position.
4. Check both bellows at the steering gear housing/inner tie rod interface externally for signs of cuts or abrasions which may allow water intrusion into the gear assembly.
 - a. If damage to the bellows exists or water intrusion is evident, replace the electronic power assist steering (EPAS) gear assembly. Refer to WSM, Section 211-02.
 - b. If no damage exists, proceed to Step 5.
5. Replace both the left and right rearward/haft front lower control arms (FLCA). Refer to WSM, Section 204-01.

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 11-11-3 (Continued)

PART NUMBER	PART NAME
BE5Z-3078-B	Front Suspension Arm - Right Hand Side
BE5Z-3079-A	Front Suspension Arm - Left Hand Side
W500752-S439	Rear Lower Arm-To-Subframe Bolt (2 Req)
99958-1222	Rear Lower Arm-To-Subframe Washer (2 Req)
W302123-S300	Lower Ball Joint Nut (Rear) (4 Req)
W520416-S441	Subframe Bracket-To-Subframe Nut (2 Req)
W302281-S300	Subframe Bracket-To-Subframe Washer (2 Req)
W302120-S300	Subframe Bracket-To-Body Bolt (4 Req)
W705443-S900	Catalytic Converter Manifold-To-Exhaust Flexible Pipe Nut (4 Req)
W302420-S300	Tie Rod Cotter Pin (2 Req)
6E5Z-3R827-AA	Shaft-to-Gear Bolt
AE5Z-3504-CE	Steering Gear

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty/ESP coverage limits/policies 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.

OPERATION	DESCRIPTION	TIME
111103A	2011-2012 Fusion 2.5L DOHC, 2.5L Atkinson, 3.0L And MKZ 2.5L Atkinson: Check DTCs, Inspect Bellows, Replace Both The Left And Right Rearward Half Lower Control Arms Can Be Claimed With Operation C	1.6 Hrs.

111103B	2011-2012 Fusion 2.5L DOHC: Check DTCs, Inspect Bellows, Replace Steering Gear Assembly Can Be Claimed With Operation C	2.0 Hrs.
111103B	2011-2012 Fusion And MKZ 2.5L Atkinson, 2011-2012 Fusion 3.0L FWD: Check DTCs, Inspect Bellows, Replace Steering Gear Assembly Can Be Claimed With Operation C	2.2 Hrs.
111103B	2011-2012 Fusion 3.0L AWD: Check DTCs, Inspect Bellows, Replace Steering Gear Assembly Can Be Claimed With Operation C	2.3 Hrs.
111103C	Additional time to Check And Adjust Front Toe Can Be Claimed With Operations A Or B	0.6 Hr.

DEALER CODING

BASIC PART NO.
3079

CONDITION
CODE
12