

## Suspension - Air Suspension Height Sensor Linkage Loose

[Notes](#)

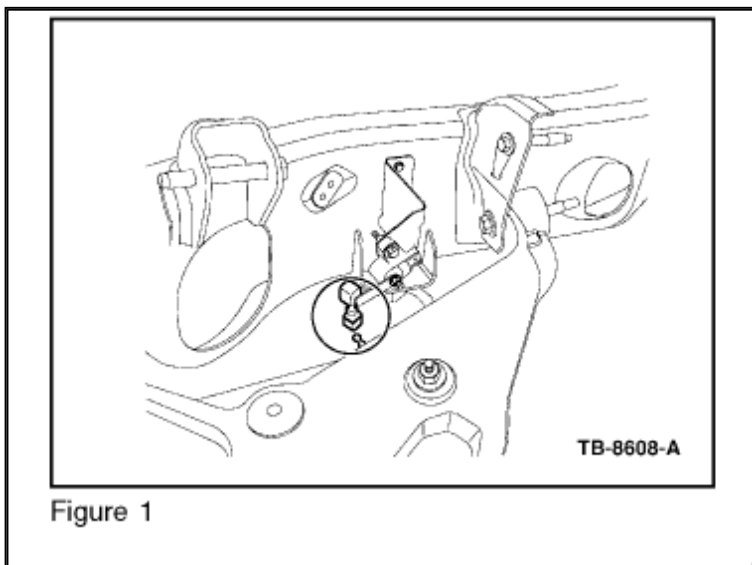
TSB 06-15-10

08/07/06

### AIR SUSPENSION PERFORMANCE - HEIGHT SENSOR LINKAGE ARM DISENGAGING

FORD:  
2003-2006 Expedition

LINCOLN:  
2003-2006 Navigator



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### ISSUE

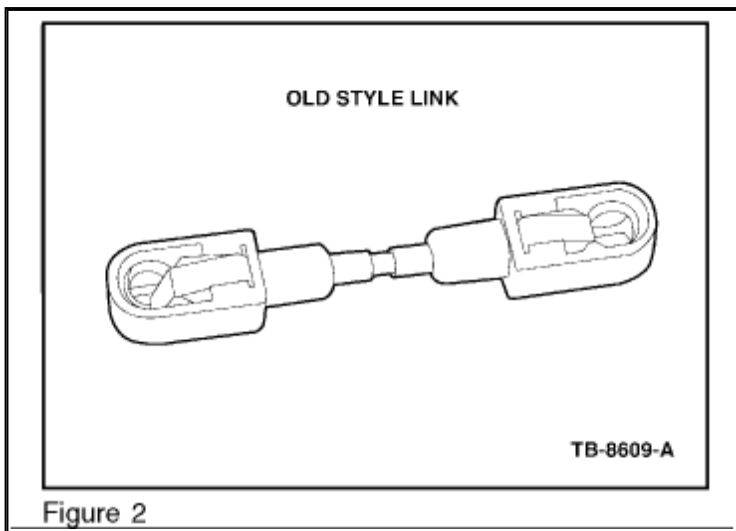
Some 2003-2006 Expedition and Navigator vehicles equipped with an air suspension may exhibit an air suspension height sensor linkage arm disengaging from the suspension ball stud or height sensor rotating arm. This concern typically occurs with the rear sensor (Figure 1) but may occur with the front sensors as well. If this occurs, the symptom will typically be the vehicle leaning to one side, the vehicle sitting too low/high, a harsh ride, and/or an inoperative air suspension. In addition, this concern may result in diagnostic trouble code (DTC) C1725 (air suspension front pneumatic failure) or C1726 (air suspension rear pneumatic failure).

### ACTION

When a linkage arm becomes disengaged, do not re-attach the arm and do not replace the sensor unless broken. Instead, install a revised linkage arm on all three (3) sensor assemblies, even if they have not detached from the ball stud.

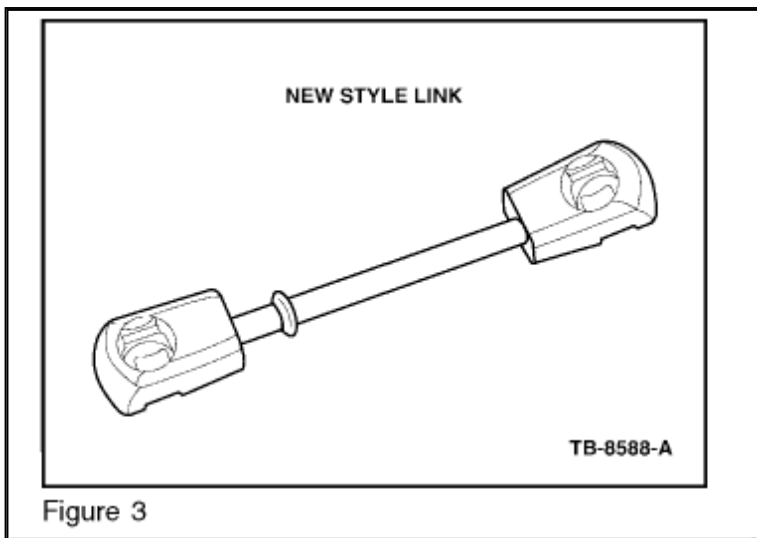
Refer to the following Service Procedure.

SERVICE PROCEDURE



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**NOTE** LINKAGE ARMS USED AS ORIGINAL EQUIPMENT ARE SHOWN IN FIGURE 2. REVISED LINKAGE ARMS (FIGURE 3) HAVE A NEW DESIGN THAT MAKES IT MORE DIFFICULT TO DISENGAGE FROM THE BALL STUDS.

PART NUMBER	PART NAME
6L1Z-3D038-A	Linkage Arm (3 per pack)

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**NOTE** IF THE SENSOR ASSEMBLY NEEDS TO BE REPLACED FOR ANY DAMAGE/FAILURE OTHER THAN THE ONE DESCRIBED IN THIS TSB, THE REPLACEMENT ASSEMBLY IS SUPPLIED WITH A NEW STYLE LINKAGE ARM, SO THERE IS NO NEED TO ORDER ADDITIONAL LINKAGES FOR THE SERVICE REPAIR.

1. Replace linkage arms on all three (3) sensor assemblies following Workshop Manual (WSM), Section 204-05.
2. Discard the old linkage arms.

**WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage**

OPERATION	DESCRIPTION	TIME
061510A	2003-2006 Expedition/Navigator: Replace The Three Linkage Arms, Includes Time To Check Diagnostic Trouble Codes (Do Not Use With 5300A, 5300A7, 5300A8)	0.4 Hr.

DEALER CODING	CONDITION
BASIC PART NO. 5A967	CODE 07