



For ALL Your Air Suspension Needs!!!

2003-2006

***Lincoln Navigator
Ford Expedition***

60F-15-R

Rear Air Spring





For ALL Your Air Suspension Needs!!!

WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

Removal and Installation

WARNING: The electrical power to the air suspension system must be shut off prior to hoisting, jacking or towing an air suspension vehicle. This can be accomplished by turning off the air suspension switch located in the LH quarter trim panel.


Failure to do so may result in unexpected inflation or deflation of the air springs, which may result in shifting of the vehicle during these operations. Failure to follow these instructions may result in personal injury.

WARNING: Do not remove an air spring under any circumstances when there is pressure in the air spring. Do not remove any components supporting an air spring without either exhausting the air or providing support for the air spring.

Failure to follow these instructions may result in personal injury.

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure can result in major service expense. A new part with the same part number must be used if installation is necessary. Do not use a new part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

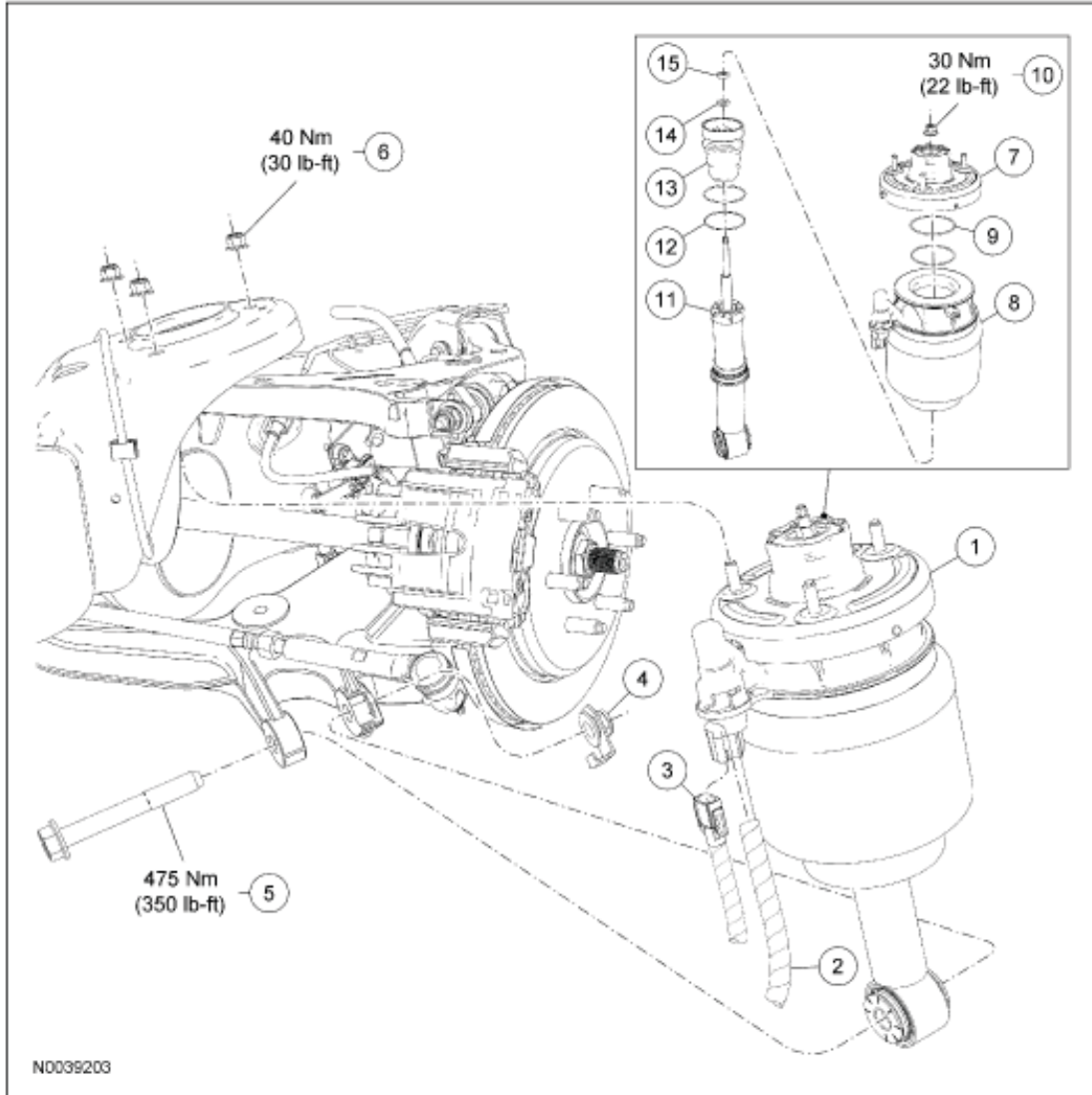
Special Tool(s)

 <p>ST2332-A</p>	<p>Worldwide Diagnostic System (WDS) Vehicle Communication Module (VCM) with appropriate adapters, or equivalent diagnostic tool</p>
---	--

Material

Item	Specification
Multi-Purpose Grease XG-4 and/or XL-5	ESB-M1C93-B

Item	Description
15	Shock rod O-ring seal



Item	Description
1	Air shock and spring assembly
2	Air line
3	Air valve electrical connector
4	Shock lower nut
5	Shock lower bolt
6	Shock upper nut (3 required)
7	Upper mount
8	Air spring assembly

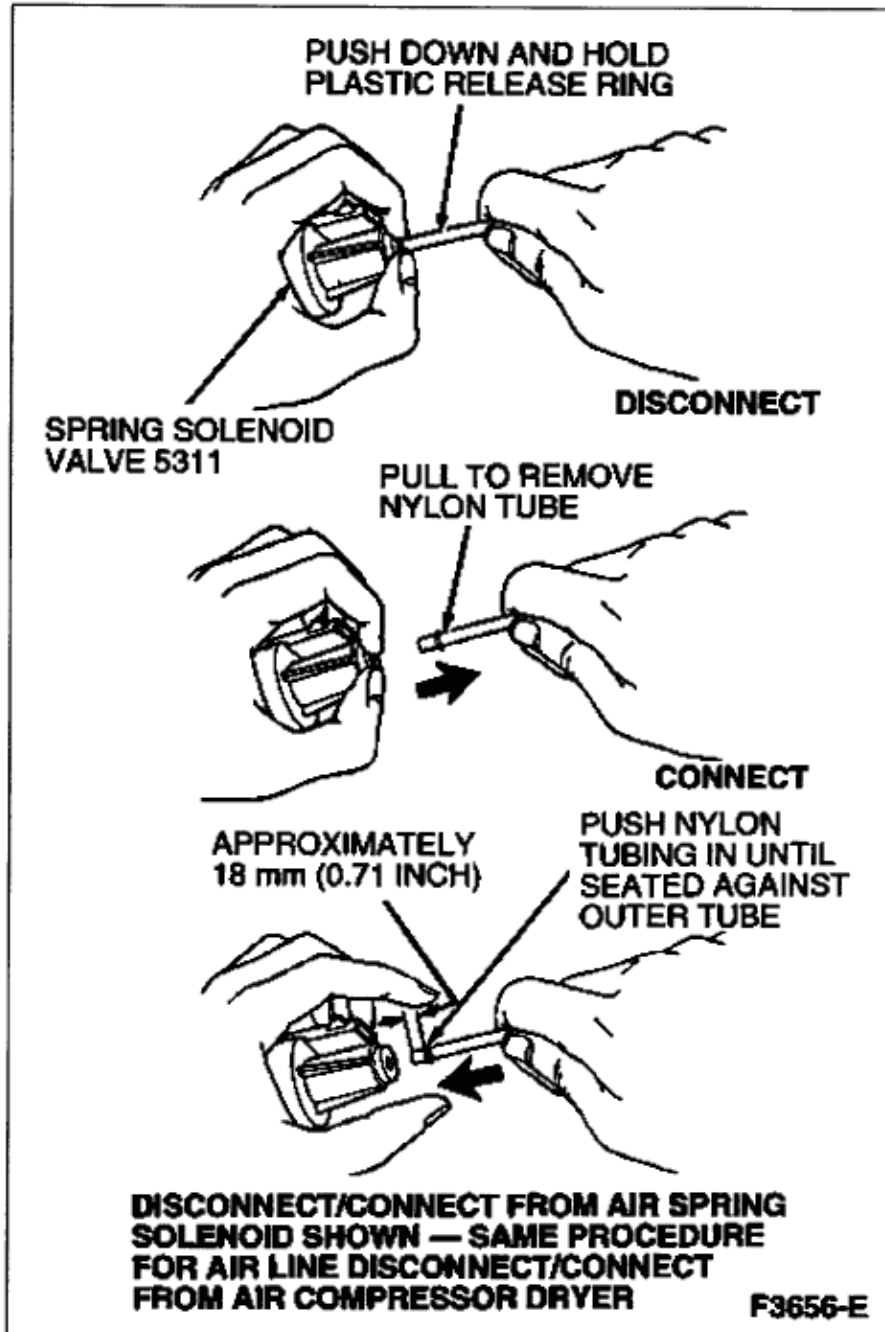
Item	Description
9	Air spring upper O-ring seal (2 required)
10	Shock rod nut
11	Shock absorber
12	Air spring lower O-ring seal (2 required)
13	Jounce bumper
14	Shock rod washer



For ALL Your Air Suspension Needs!!!

WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.





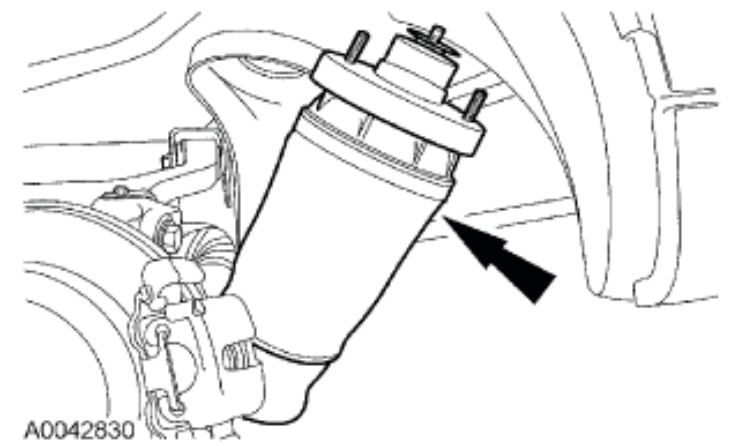
For ALL Your Air Suspension Needs!!!

WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

Removal and Installation

- 1. Using the diagnostic tool, vent the appropriate air spring.**
- 2. Turn the air suspension switch to the OFF position.**
- 3. With the vehicle in NEUTRAL, position it on a hoist.**
- 4. Remove and discard the 3 shock upper nuts.**
 - o To install, tighten to 40 Nm (30 ft. lbs.) .**
- 5. Disconnect the air valve electrical connector.**
- 6. Disconnect the air line at the air valve. Compress the orange quick connect lock ring, then pull downward on the air supply line.**
- 7. Remove the shock absorber lower nut and bolt**
 - o Discard the nut.**
 - o To install, tighten to 475 Nm (350 ft. lbs.) .**





For ALL Your Air Suspension Needs!!!

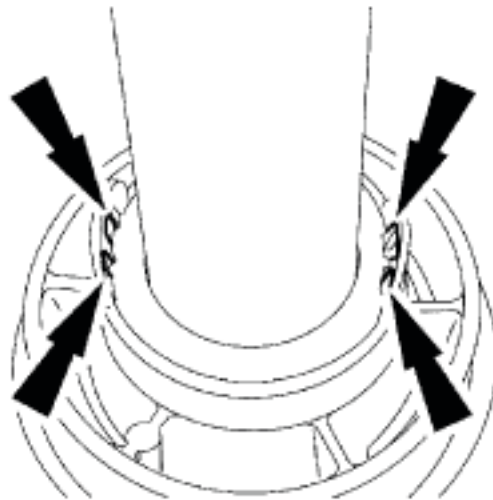
WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

Removal and Installation

8. Remove the air shock absorber.

9. NOTE: If the individual spring and/or shock components are not being serviced, continue with Step 15. NOTE: Use the hex holding feature to prevent the shock rod from turning while removing the nut. Remove and discard the shock rod nut. To install, tighten to 30 Nm (22 ft. lbs.).



A0048518

10. CAUTION: If the retainer tabs are broken, a new air spring must be installed. NOTE: Index mark the air spring and shock absorber for reference during the installation procedure. Depress the retainer tabs and remove the air spring.

11. Remove the shock rod O-ring seal, washer and jounce bumper.

o Discard the seal and washer.

12. Remove and discard the 2 air spring lower O-ring seals.

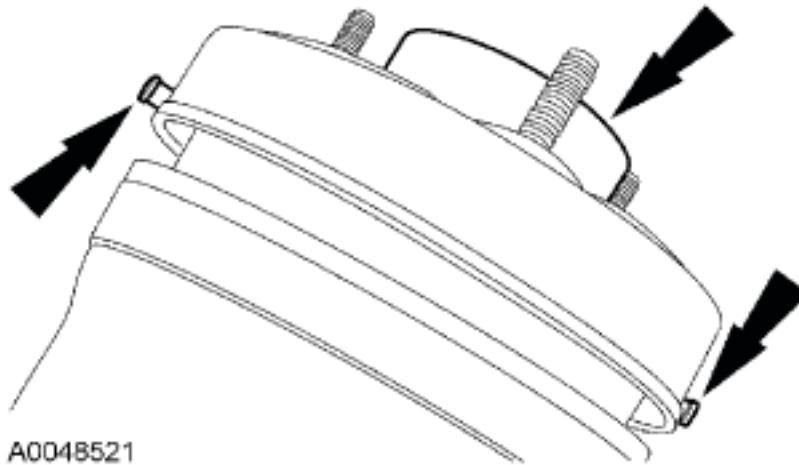


For ALL Your Air Suspension Needs!!!

WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

Removal and Installation



13. Remove the retainer pins and the upper mount.

o Discard the pins.

14. Remove and discard the 2 air spring upper O-ring seals.

15. CAUTION: Use a suitable press to install the upper mount retainer pins. Do not use a hammer or damage may occur. NOTE: During installation, use assembly kit 5L74-5B302-AA NOTE: Apply a thin coat of grease to the new O-ring seals. To install, reverse the removal procedure.