



# Installation Instructions



AS-7314

Front Air STRUT for

2003-06

FORD Expedition 2WD / 4WD

LINCOLN Navigator 2WD / 4WD

Westar Distribution  
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**WARNING** Suspension system is under 10 bar Air pressure. Do not attempt to work on the Air Suspension prior to bleeding air.



**WARNING** Read instructions before Disassembly and Installation.



**WARNING** Disconnect battery Ground cable.



**WARNING** Wear proper protective gear like safety glasses, gloves and ear plugs.



**WARNING** Ensure that you have proper tools and equipment e.g. Lifting Jack, Supporting stands, Socket Set, Torque Wrench..



**WARNING** Always clean the parts before reusing



**WARNING** O-rings should be lubricated with grease before installation.

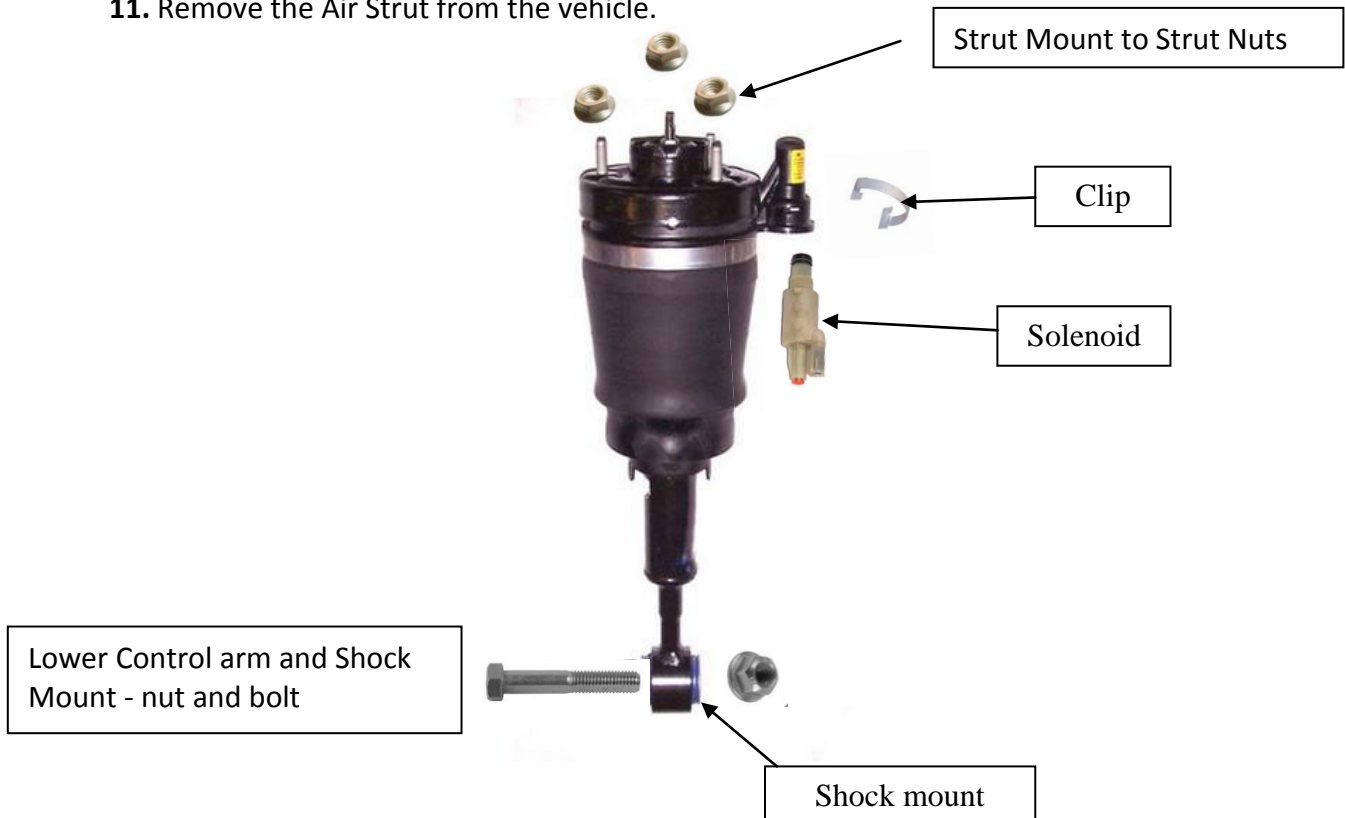


If after installation the vehicle does not maintain proper height, inspect the airlines and other components of the Air Suspension System. There is possibility of leak from the Air Compressor due to wear. It can be replaced by our part # CD-7705.



## REMOVAL of AIR STRUT:

1. Turn-off the Air Suspension switch (Inside the trunk under the driver side Quarter trim panel) and let the Air springs to deflate.
2. Using proper equipment, raise the vehicle and support it. Front Axle should also be supported.
3. Remove the front wheels.
4. Remove the electrical connector from solenoid.
5. Remove the solenoid retaining clip.
6. Rotate (Counter- clockwise) the solenoid to first stop, purge the air in the system.
7. Rotate to second stop and let rest of air to bleed.
8. Wait for air to bleed completely, then turn to 3<sup>rd</sup> Stop, and remove the solenoid.
9. Disassemble the Lower Control arm and Shock Mount nut and bolt.
10. Loosen and remove the top 3 Strut Mount to Strut nuts.
11. Remove the Air Strut from the vehicle.





### **INSTALLATION of AIR STRUT:**

1. Mount the Air Strut in the vehicle.
2. Loosely tighten the 3 Strut Mount to Strut Nuts.
3. Align and tighten the Lower Control arm and Shock Mount - nut and bolt.
4. Fully tighten the 3 Strut Mount to Strut Nuts (Torque 30 ft.-lbs.).
5. Replace and lubricate the Solenoid O-rings.
6. Insert and rotate the Solenoid (Clockwise – 2 steps). Ensure proper locking and replace the c-shape clip.
7. Ensure that the airline is pushed in fully into the solenoid.
8. Reconnect the electrical connector.
9. Install the wheels, torque the nuts as recommended in the manual.
10. Turn-on the Air Suspension switch, start the vehicle and fill air in the Air Spring.
11. Test-drive the vehicle. Any questions call our technical helpline on 301-490-0010.