



Installation Instructions



AS-7054

Rear Air Spring for

2003-06

FORD Expedition 2WD / 4WD

LINCOLN Navigator 2WD / 4WD

Westar Distribution
10110 Molecular Dr.,
Suite 109,
Rockville, MD 20794
Ph: 1-800-WESTAR4
Fx: 301-776-2860



AS - 7054INS



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.

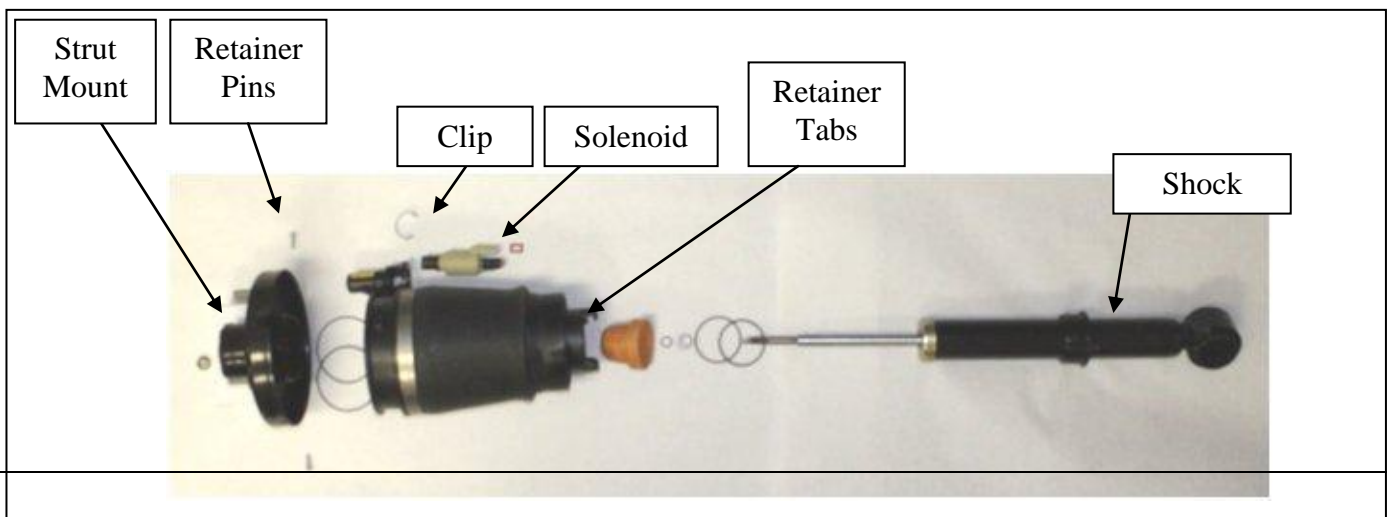


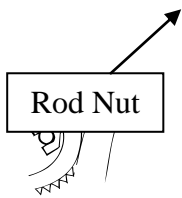
If after installation the vehicle does not maintain proper height, inspect the airlines and other components of the Air Suspension System. There is possibility of leak from the Air Compressor due to wear. It can be replaced by our part # CD-7705.



REMOVAL of AIR SPRING:

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 the rear of vehicle. Rear Axle should also be supported.
3. Remove both of the rear 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 3rd Stop, and remove the solenoid.
9. Disassemble the Tie Rod – Knuckle Ball joint
10. Remove the Strut Mount nuts.
11. Take off the nut from lower shock mount and remove the Air strut.
12. Hold the shock rod and remove the Rod end nut.
13. Remove the Air spring from strut by depressing the 2 retainer Tabs.
14. Pry out the 2 retainer pins to remove the Strut mount.
15. Replace the Air spring and reassemble reusing other parts.





INSTALLATION of AIR SPRING:

Air Spring

1. Replace the Air spring and reassemble reusing other parts. (Clean Parts & lubricate the O-rings before assembling).
2. Tighten the Rod end nut to recommended torque (22 ft.lb.).
3. Carefully insert the retainer pins.
4. Mount the Air Strut in the vehicle.
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.

