



# Installation Instructions



AS-7001

Rear Air Spring for

2WD

FORD Expedition

LINCOLN Navigator

Westar Distribution  
10110 Molecular Dr.,

Suite 109,

Rockville, MD 20794

Phone: 1-800-WESTAR4

Fax: 301-776-2860



AS - 7001INS



**WARNING** Suspension system is under 10 bar Air pressure.



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



**WARNING** Disconnect battery Ground cable and Turn-off Air-suspension switch inside the trunk.



**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..

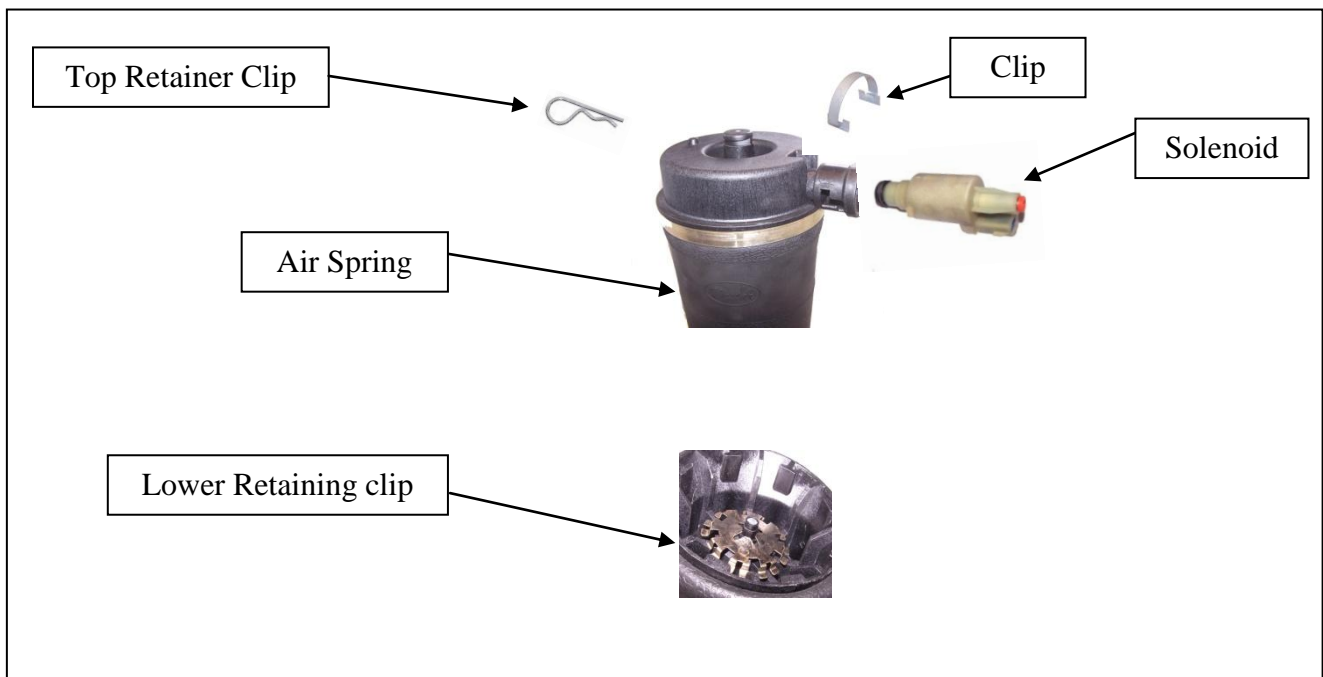


If after installation the vehicle does not maintain proper height, inspect the airlines and other components of the Air Suspension System. There is possibility of leak from the Air Compressor due to wear. It can be replaced by our part # CD-7705.



## REMOVAL of AIR SPRING:

1. Switch off the Air suspension switch inside the Trunk (Passenger Side).
2. Using proper equipment, raise the vehicle and support the rear of vehicle. Rear Axle should also be supported.
3. Remove both 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 3<sup>rd</sup> Stop, and remove the solenoid.
9. Between the Chassis and body (Above the wheel) locate the Top of Air Spring and using pliers pull out the Air spring retainer clip.
10. Using a pry bar remove the Round clip on the base of Air spring. This will release the Air spring from axle.
11. Remove the Air Spring and Solenoid. Plug the Air pipe line.



## INSTALLATION of AIR SPRING:



1. Mount the Air Spring in the upper and lower frame seats.
2. Ensure that the Lower Retaining piston clip is locked on lower axle.
3. Reinsert the Top retainer clip.
4. Replace and lubricate the Solenoid O-rings.
5. Insert and rotate the Solenoid (Clockwise – 2 steps). Ensure proper locking and replace the c-shape clip.
6. Ensure that the airline is pushed in fully into the solenoid.
7. Reconnect the electrical connector.
8. Install the wheels torque the nuts as recommended in the manual.
9. Turn-on the Air Suspension switch, start the vehicle and fill air in the Air Spring.
10. Test-drive the vehicle. Any questions call our technical helpline on 301-490-0010.

