

# Installation Instructions

Expedition/ Navigator 2007-2013

Rear

**DORMAN**<sup>®</sup>  
NEW SINCE 1918



# INSTALL/REMOVAL INSTRUCTIONS: AIR SUSPENSION CONVERSION KIT

**ATTENTION:** Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

## Air Suspension Conversion Kit

### General Installation Instructions

When servicing any vehicle be sure to follow all safety procedures. First, make sure that when lifting the vehicle that you use an appropriate jack with a proper weight rating. Before going underneath any vehicle, make sure that it is properly supported with sturdy jack stands and on level ground so that the vehicle doesn't fall or slide off of the jack and onto you. As with any automotive repair, make sure you have the appropriate tools to do the job so you don't damage any parts on the vehicle. Safety glasses and mechanic's gloves should also be worn for your protection.

Take care not to exceed the Gross Vehicle Weight Rating (GVWR), or the maximum load recommended by the manufacturer. It is important that all the vehicle owner manuals recommendations are followed for your own safety and to prevent damage to the vehicle.

Once you are ready to disable the ride light, you will need to disconnect the negative battery cable (-) to prevent electrical shock/malfunction.

#### Disclaimer:

Even though every attempt is made to ensure this information is complete and accurate, it is impossible to account for all possible circumstances or situations. Please consult with a qualified auto technician before attempting to perform any work you are not qualified to do. Automobiles can be hazardous to work on; be sure to take all necessary safety precautions. Failure to do so may result in property damage or personal injury. Certain motor vehicle standards and performance requirements may apply to your motor vehicle (such as Federal Motor Vehicle Safety Standards by the National Highway Traffic Safety Administration). Be sure that your work is performed in accordance with such standards and that you do not disable any motor vehicle safety feature.

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# **Installation Guide**

## **Ford Expedition/Lincoln Navigator**

### **2007 – 2013**

#### **Rear**

### **Parts Included in This Kit:**



- **(2) Fully assembled coil over struts**

### **Tools needed for installation**

- Metric socket set
- Floor jack
- Jack stands
- Metric wrenches
- Screw drivers (Phillips and flat head)
- Wire cutter/stripper/crimping tool
- Level work surface
- Spring compressor (if applicable)
- Allen wrench

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## Expedition/Navigator 2007 - 2013 Installation Instructions

### Rear Removal Instructions

1. Raise and support the vehicle and remove both wheel and tire assemblies. (See Figures 1 - 2)

Fig. 1



Fig. 2



Bleed the air from the air suspension system. **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 front, RH kick panel area. 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.

2. Remove upper toe adjustment and stabilizer link. (See Figure 3)

Fig. 3



3. Remove lower strut bolt. (See Figure 4)

Fig. 4





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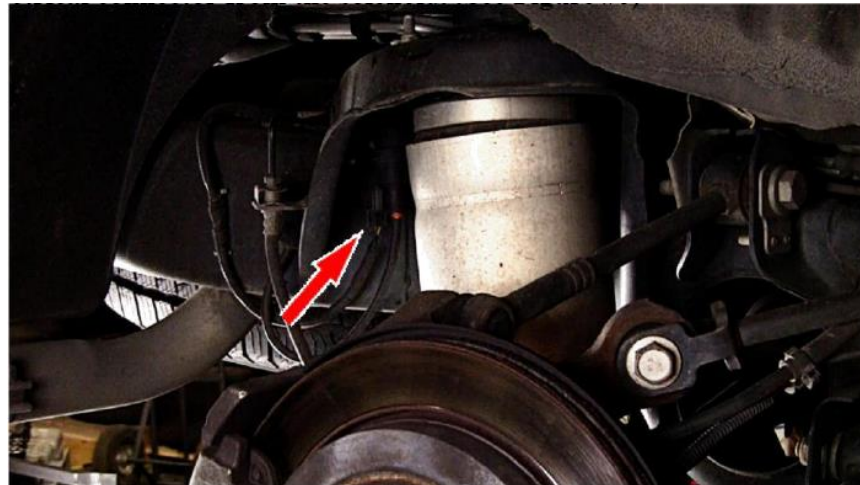
**4. Depress orange collet to remove air line from the air spring. (See Figure 5)**

**Fig. 5**



**5. Remove electrical connector from the solenoid. (See Figure 6)**

**Fig. 6**



**6. Remove three upper strut mount bolts and remove strut. (See Figure 7 - 8)**

**Fig. 7**



**Fig. 8**



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## Rear Installation Instructions

Read the instructions carefully before attempting the installation.

1. Install the strut into the mounting area and fasten the top with the three nuts. (See Figure 1)

Fig. 1



2. Install lower strut mount bolt. (See Figure 2 - 3)

Fig. 2



Fig. 3



3. Raise the lower control arm and reattach the toe adjustment, stabilizer link and secure with proper fasteners. (See Figure 4)

Fig. 4



4. Replace the wheel and lower the vehicle to the ground. (See Figure 5)

Fig. 5

