

# Installation Manual

## A-2173 ARNOTT REAR RIGHT AIR SPRING FOR 1995-2002 LINCOLN CONTINENTAL



Congratulations on your purchase of an Arnett® air suspension product. We at Arnett Incorporated are proud to offer a high quality product at the industry's most competitive pricing. Thank you for your confidence in us and our product.

Proper installation is essential to experience and appreciate the benefits of this system. Please take a moment to review these installation instructions before you begin to install these components on your vehicle. The removal and installation of air suspension products should only be performed by a fully qualified, ASE Certified, professional.

It is equally important to be aware of all necessary safety measures while installing your new Air Suspension System. This includes proper lifting and immobilizing of the vehicle and isolation of any stored energy to prevent personal injury or property damage.

### "Engineered to Ride, Built to Last™"



**WARNING:** *The air suspension system is under pressure (up to 10 bar, or 150 lbf/in). Verify pressure has been relieved and disconnect power to the air suspension system prior to disassembly. Do not allow dirt or grease to enter the system. Always wear standard protective hand, ear, and eye protection when servicing the air suspension system.*

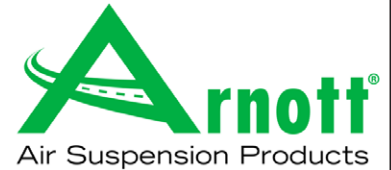
#### KIT CONTAINS:

#### PARTS LIST

P/N	QTY	DESCRIPTION
21-4178	1	ARNOTT REAR RIGHT AIR SPRING
21-6396	1	ACCESSORY KIT

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### GENERAL INFORMATION:

- Not to be stored below 5°F (-15°C) and above 122°F (50°C).
- Avoid damage to air lines and cables.
- Removal and installation is only to be performed by fully qualified personnel.
- Use car manufacturer's diagnostic software.

**CAUTION:** *Damage to the vehicle and air suspension system can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.*



*To avoid the possibility of short circuits while working with electric components consult your owner's manual on how to disconnect your battery.*



*Consult your vehicle owner's manual, service manual, or car dealer for the correct jacking points on your vehicle and for additional care, safety and maintenance instructions. Under no circumstances should any work be completed underneath the vehicle if it is not adequately supported, as serious injuries and death can occur.*

### AIR SPRING REMOVAL



*Turn the air suspension switch to the OFF position (switch is located on the passenger front kick plate).*

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE REAR WHEEL.
4. REMOVE AIR SPRING SOLENOID RETAINING-CLIP. (FIGURE A)



FIGURE A

5. ROTATE SOLENOID COUNTERCLOCKWISE TO THE FIRST STOP, THEN PULL OUTWARD ON SOLENOID. MAKE SURE ALL THE AIR VENTS OUT OF THE AIR SPRING. ROTATE AGAIN AND REMOVE SOLENOID. (FIGURE B)



FIGURE B

6. DEPRESS THE TWO PLASTIC LOCKING FINGERS ON THE TOP AIR SPRING CAP. PUSH DOWN ON AIR SPRING AND REMOVE FROM TOP BODY BRACKET. (FIGURE C)



FIGURE C

7. DEPRESS THE FOUR LOCKING CLIPS ON THE LOWER AIR SPRING PISTON. PUSH UP THROUGH SPRING SEAT. (FIGURE D)



FIGURE D

8. REMOVE OLD AIR SPRING FROM VEHICLE. (FIGURE E)

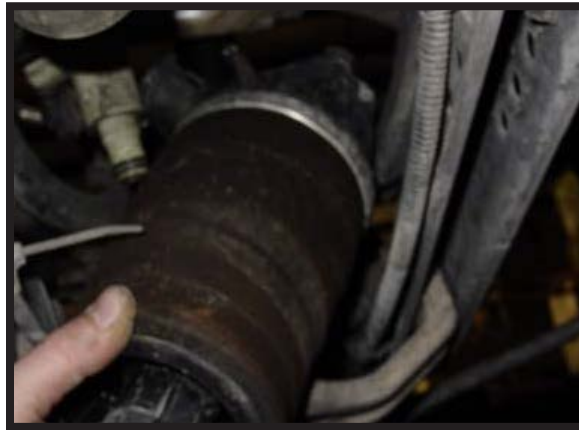


FIGURE E

## AIR SPRING INSTALLATION



*Tighten all nuts and bolts to manufacturer's specifications during the installation process.*

1. PLACE NEW AIR SPRING INTO LOWER SUSPENSION SEAT. PRESS DOWN ON PISTON UNTIL THE PLASTIC LOCKING CLIPS SNAP INTO PLACE. (REVERSE STEP # 7)
2. PULL UP ON THE AIR SPRING CAP AND LOCK IT BACK TO THE TOP BODY BRACKET. (REVERSE STEP # 6)
3. REPLACE O-RINGS AND INSTALL THE SOLENOID IN THE NEW AIR SPRING. (REVERSE STEPS 4 AND 5)
4. REPLACE WHEEL AND LOWER SUSPENSION.
5. TURN AIR SUSPENSION SWITCH BACK TO THE ON POSITION AND START VEHICLE. SUSPENSION WILL AUTOMATICALLY RETURN TO ITS NORMAL TRIM HEIGHT.