



INSTALLATION MANUAL

A-3634 Arnott New Rear Air Spring Fiat Ducato III



Engineered to Ride, Built to Last®

CONGRATULATIONS ON YOUR PURCHASE OF AN ARNOTT® SUSPENSION PRODUCT

WE AT ARNOTT LLC ARE PROUD TO OFFER A HIGH QUALITY PRODUCT WITH ALL THE TECHNICAL SUPPORT YOU NEED. 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 and certified automotive 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.

GENERAL INFORMATION

Reading this manual signifies your agreement to the terms of the general release, waiver of liability, and hold harmless agreement, the full text of which is available at www.arnottinc.com and www.arnotteurope.com.



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 hand, ear, and eye protection when servicing the air suspension system.

- 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

1. Lift the vehicle per manufacturer's instructions.
2. Deflate and disable the air suspension system per manufacturer's instructions.
3. Remove the lower air spring retaining bolt. (Figures 1, 2)



FIGURE 1



FIGURE 2

4. Remove the upper air spring retaining bolt. (Figures 3, 4)



FIGURE 3

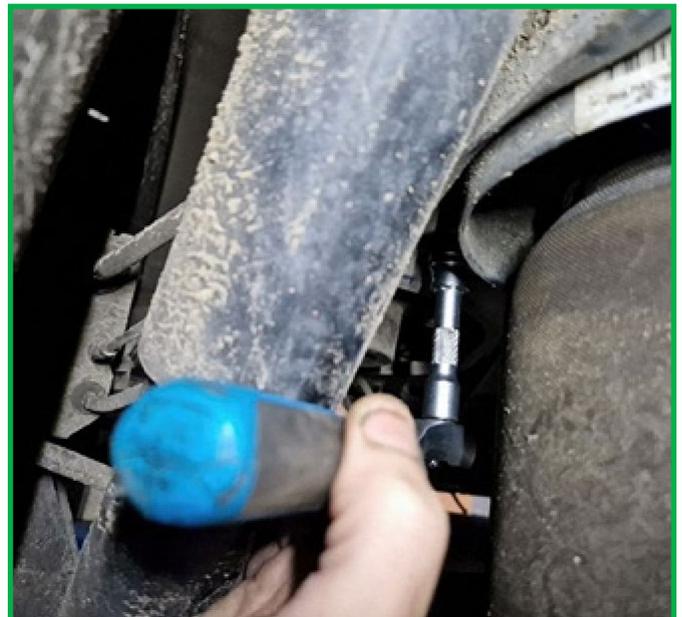


FIGURE 4

5. Carefully remove the air spring from the vehicle, to gain access to the air line. (Figures 5, 6)



FIGURE 5



FIGURE 6

6. Remove the air fitting from the air spring. (Figures 7, 8)



FIGURE 7

REMOVAL



Prior to inserting the existing air line into the new air strut you will need to remove the old original equipment air line fitting and discard.

NOTE:

Scratches and/or deep cuts in the air line can result in possible leaks. Inspect the air line before insertion. Air line needs to be replaced if damaged.

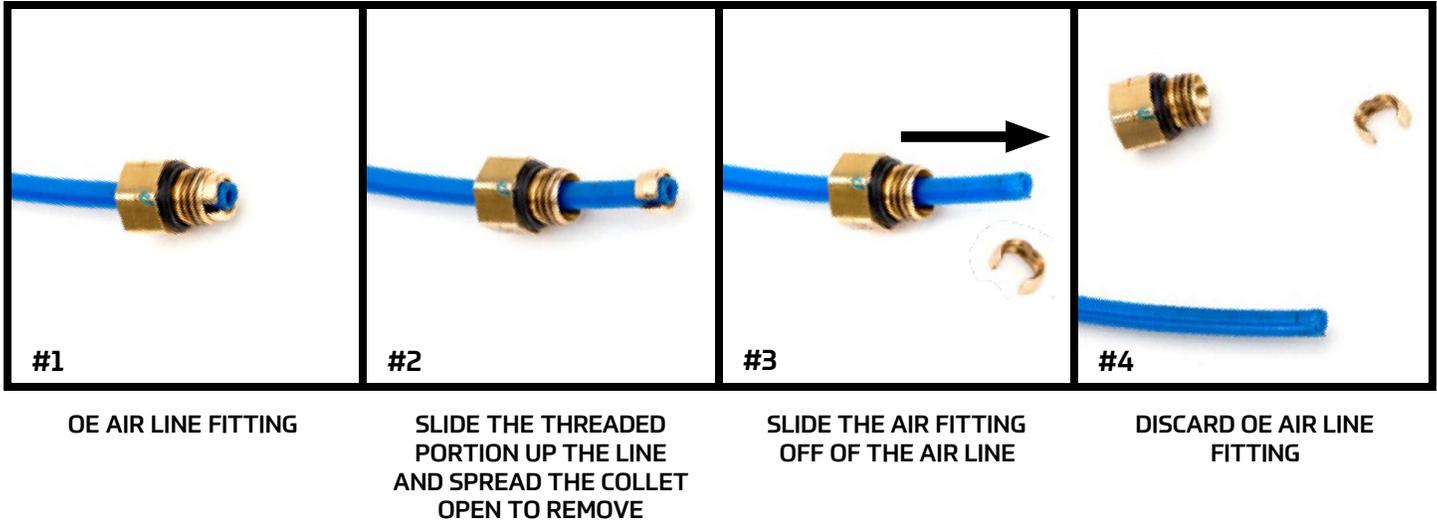


FIGURE 8

7. Removal complete.

AIR SPRING INSTALLATION

1. Remove the shipping pin from the installed air fitting on the new air spring. (Figure 9)



FIGURE 9

2. Insert the air line into the air fitting. (Figure 10)



FIGURE 10

3. Route the air line through the retaining features on the air spring top mount. (Figure 11)



FIGURE 11

4. Install the air spring into the suspension. (Figure 12)



FIGURE 12

5. Re-install the upper air spring retaining bolt. Tighten to manufacturer's specifications. (Figures 13, 14)



FIGURE 13



FIGURE 14

6. Re-install the lower air spring retaining bolt. Tighten to manufacturer's specifications. (Figures 15, 16)



FIGURE 15



FIGURE 16

7. Inflate the air suspension per manufacturer's instructions.
8. Lower the vehicle.
9. Installation complete.

Arnott™

Suspension Products

Arnott US Business Office:

www.arnottinc.com

100 Sea Ray Drive
Merritt Island, FL 32953

Call: 800.251.8993
321.868.3016

Fax: 321.868.3703

Email: techassistance@arnottinc.com

Arnott Europe Business Office:

www.arnotteurope.com

Docterskampstraat 1E/1F, 3
5222 AM 's-Hertogenbosch (NL)

NL Phone: +31 73 7850 580

DE Phone: +31 85 2087 438

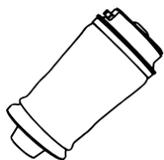
UK Phone: +44 203 3186 124

BE Phone: +32 258 846 90

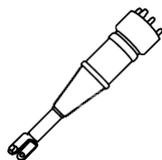
ES Phone: +34 91 901 10 56

FR Phone: +32 78 48 46 93

Email: info@arnotteurope.com



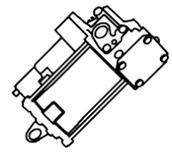
Air Springs



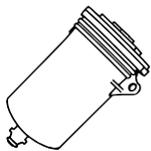
Struts



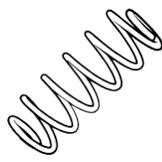
Shocks



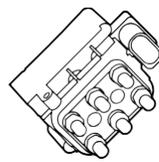
Compressors



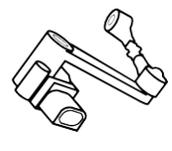
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors