Arnott®
Suspension Products

INSTALLATION MANUAL

AS-5757
Arnott New Rear Left Air Strut
Bentley Continental (GTC)



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.

For vehicles with a "Closed Air Supply System," replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.

AIR STRUT REMOVAL

NOTE: THE PRODUCT SHOWN IN THE INSTALLATION STEPS BELOW MAY LOOK DIFFERENT THAN THE PART YOU ARE INSTALLING. THE INSTALLATION STEPS ARE THE SAME, AND ALL NOTICES AND WARNINGS SHOULD BE ADHERED TO IN THE SAME MANNER.

1. Set the steering to straight ahead.
2. Raise the vehicle.
3. Disable the air suspension and deflate the applicable air spring according to the manufacturer's instructions.
4. Remove the applicable rear wheel. (Figure 1)



FIGURE 1

5. Remove the fender well cover to access the rear strut. (Figures 2, 3)



FIGURE 2



FIGURE 3

6. Locate and disconnect the electrical connector. (Figures 4, 5)



FIGURE 4

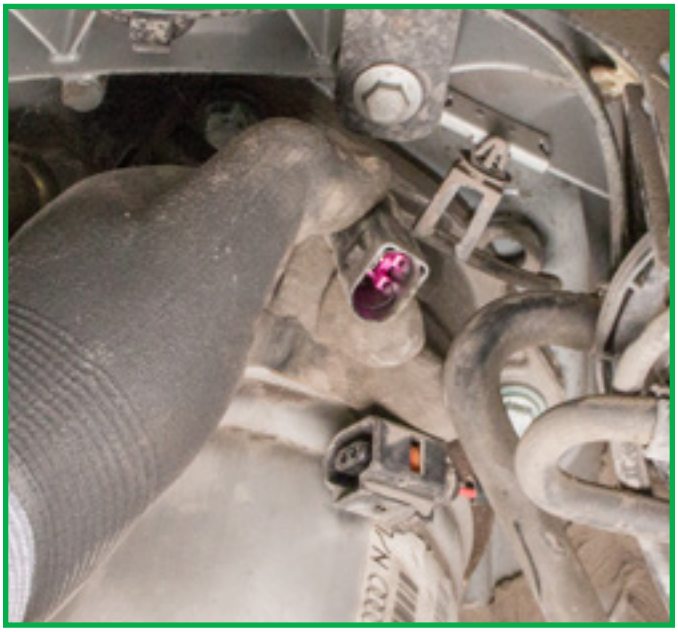


FIGURE 5

7. Disconnect the air line (Figures 6, 7). Remove the air line fitting (Figure 8).

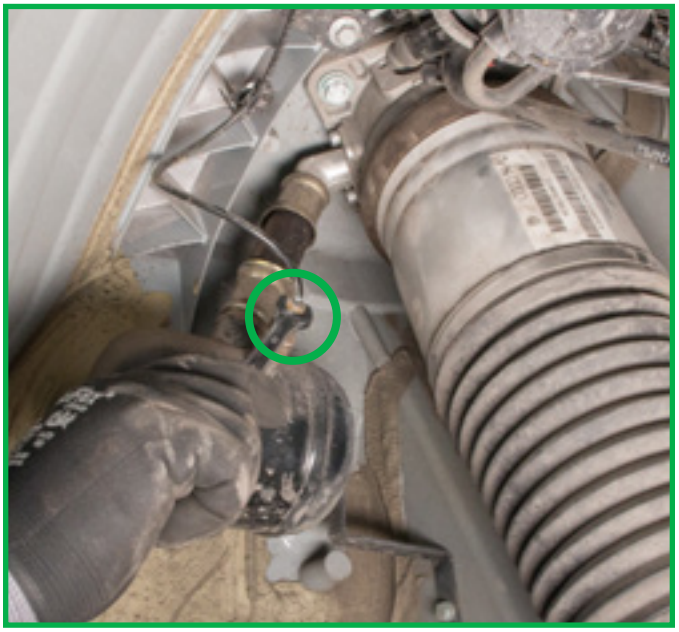


FIGURE 6

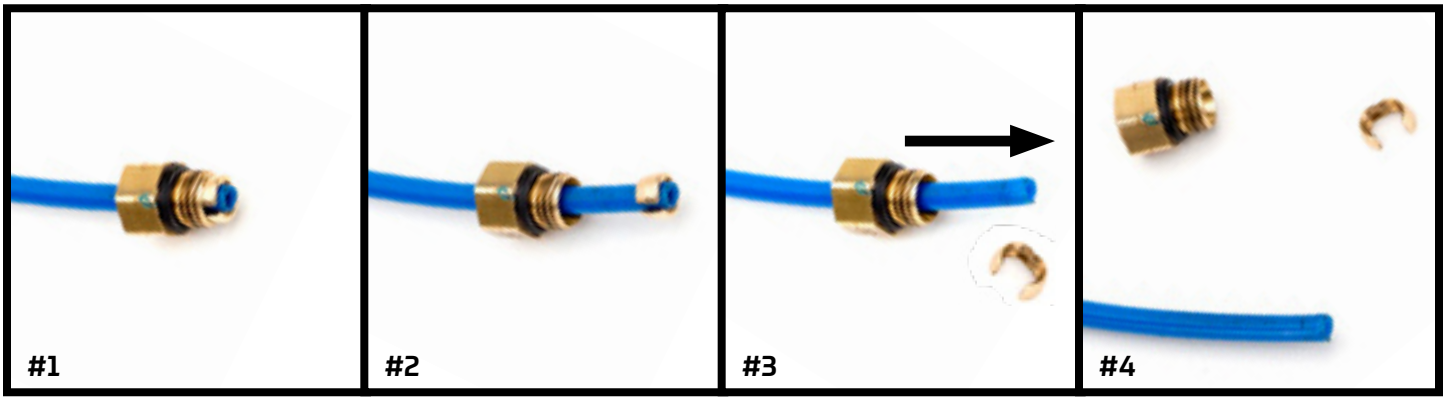


FIGURE 7

AIR LINE FITTING 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.



OE AIR LINE FITTING

SLIDE THE THREADED PORTION UP THE LINE AND SPREAD THE COLLET OPEN TO REMOVE

SLIDE THE AIR FITTING OFF OF THE AIR LINE

DISCARD OE AIR LINE FITTING

FIGURE 8

8. Remove the two (2) nuts securing the reservoir brackets to the vehicle. (Figure 9)

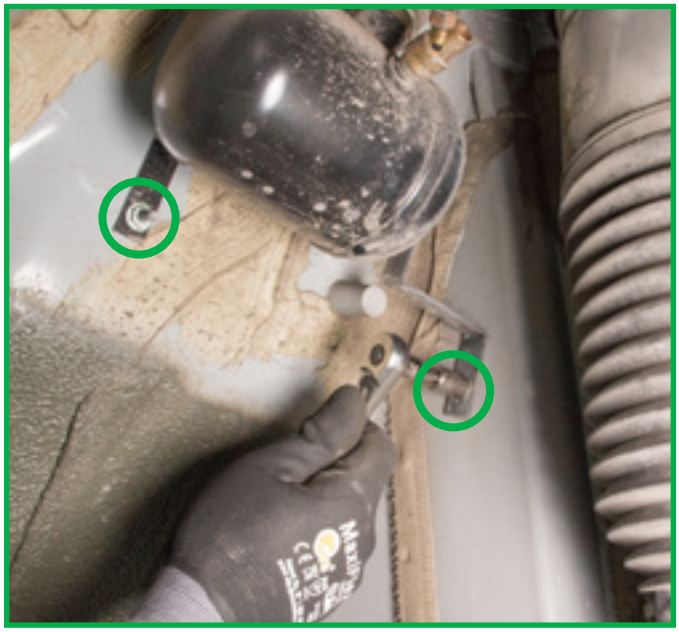


FIGURE 9

9. Remove the three (3) upper mount bolts securing the strut to the vehicle. (Figure 10)

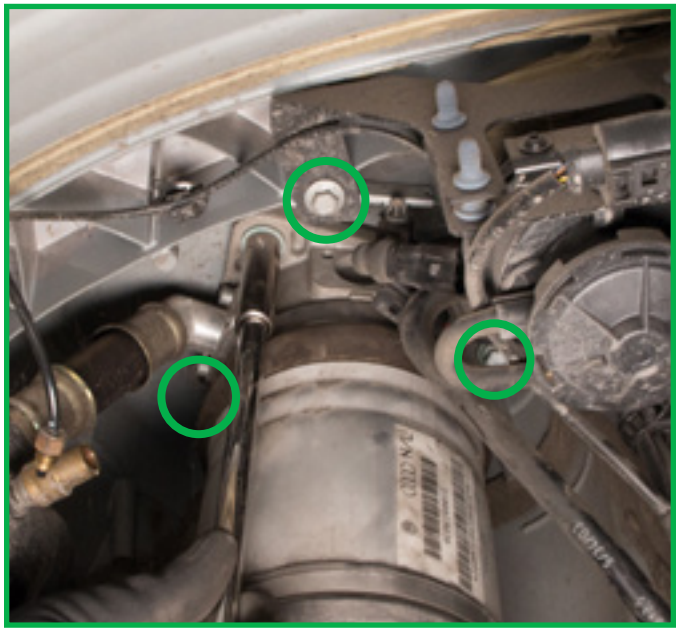


FIGURE 10

10. Remove the lower strut bolt. (Figure 11)



FIGURE 11

11. Disconnect the brake line bracket and ride height sensor. (Figures 12, 13)



FIGURE 12

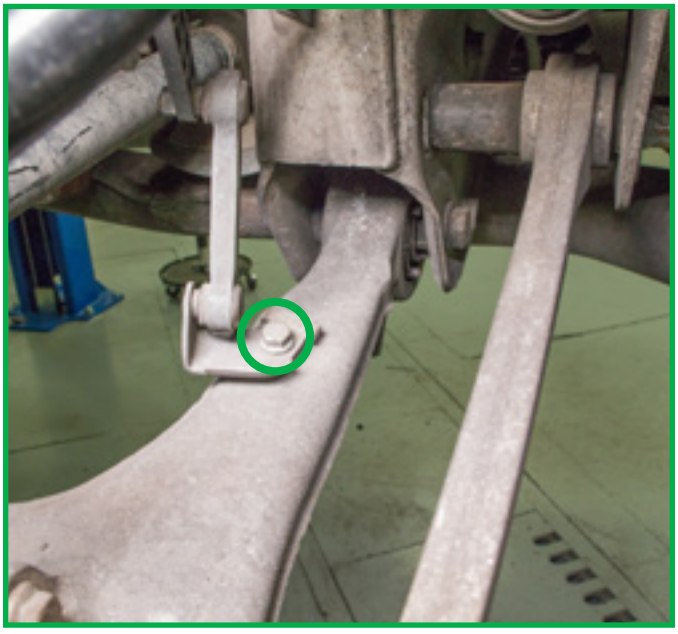


FIGURE 13

12. Remove the sway bar bolt. (Figures 14, 15)

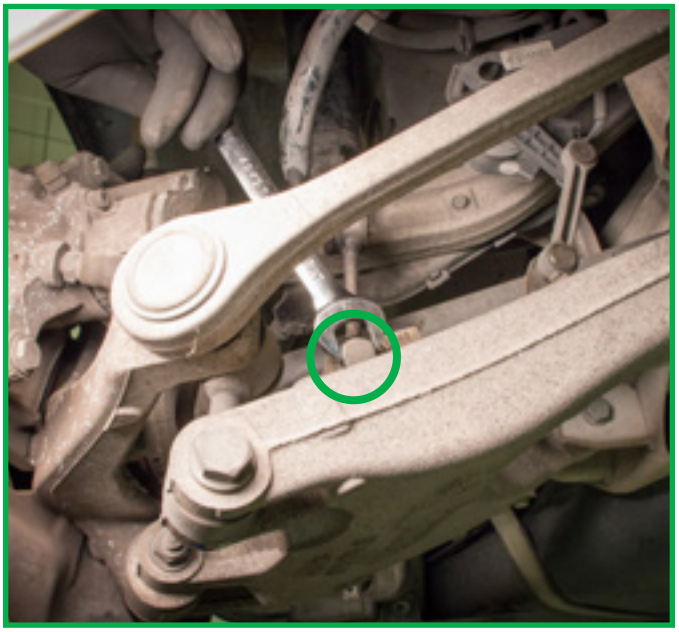


FIGURE 14

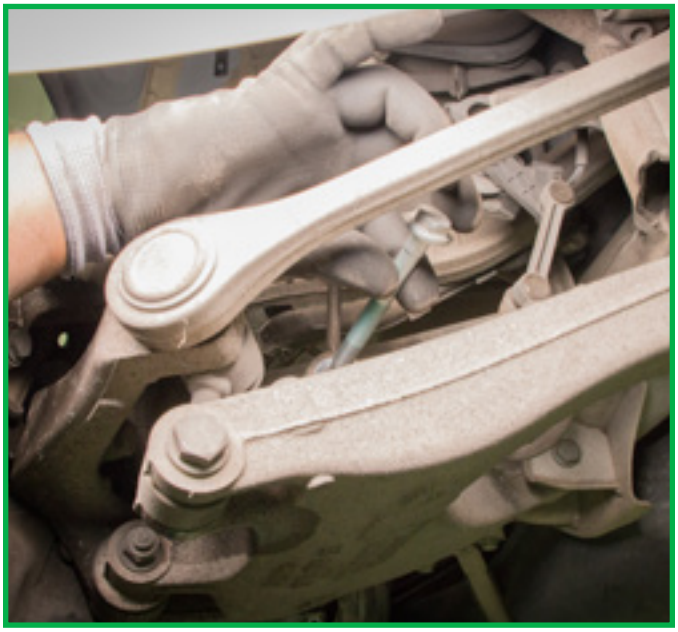


FIGURE 15

13. Using a breaker bar for leverage, lift the strut up and over the upper control arm. (Figure 16)



FIGURE 16

14. Remove the strut from the vehicle. (Figure 17)



FIGURE 17

15. Strut removal is complete.

AIR STRUT INSTALLATION

WARNING:

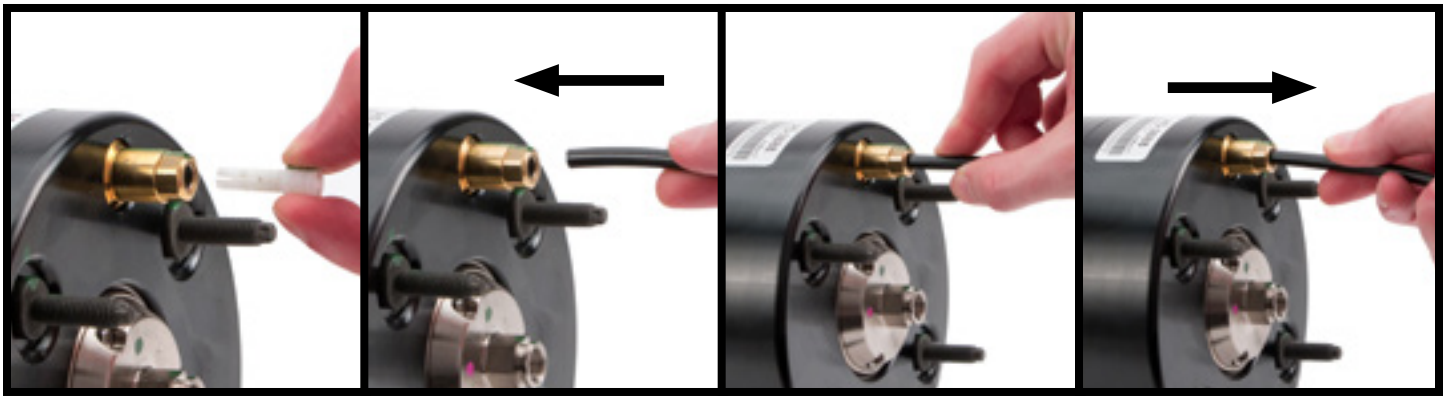
Tighten all nuts and bolts to the manufacturer's specifications during the installation process.

WARNING:

Do not remove the air fitting from the air strut. Doing so may cause damage and/or void warranty.

1. Installation is in the reverse order of air strut removal. Adhere to all of the manufacturer's specifications for torque values. Ensure to follow the "Shipping Pin Removal and Air Line Installation" instructions when installing the air line (Figure 18).

SHIPPING PIN REMOVAL AND AIR LINE INSTALLATION



REMOVE AND DISPOSE OF THE SHIPPING PIN.

INSERT AIR LINE INTO THE AIR LINE FITTING UNTIL IT STOPS.

AIR LINE INSERTED.

GENTLY PULL ON AIR LINE TO CONFIRM IT IS FULLY SECURED BY THE AIR LINE FITTING.

FIGURE 18

Arnott®
Suspension Products

Arnott US Business Office:

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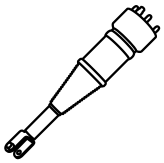
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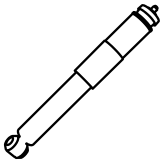
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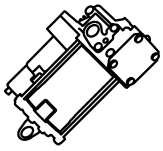
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5145 PD, Waalwijk (NL)

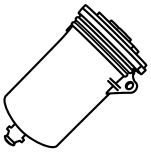
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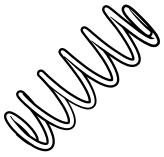

Air Springs

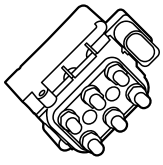

Struts

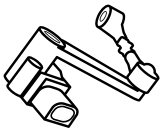

Shocks


Compressors


Dryers


Coil Spring Conversion Kits


Valve Blocks


Ride Height Sensors