



INSTALLATION MANUAL

ASE-4375

**Arnott New Rear Right Electronic eRide Strut
Porsche Cayenne (92A)**



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

1. Open rear cargo hatch and remove applicable side paneling. (Figures 1, 2, 3, 4)



FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4

2. Per manufacturer's specifications for the closed loop air system, bleed the right side air spring.
3. Raise the vehicle and remove the rear right wheel. (Figure 5)



FIGURE 5

4. Remove the air line. (Figure 6)



FIGURE 6

5. Disconnect the electrical connection to the strut. (Figure 7)



FIGURE 7

6. Remove the bottom mount bolt. (Figures 8, 9)



FIGURE 8



FIGURE 9

7. Remove the bottom mount of the strut from the wheel carrier. (Figure 10)



FIGURE 10

8. Remove the four (4) top mount bolts. Note the positions of the different length bolts for installation. It may be necessary to use a hydraulic jack for assistance. (Figures 11, 12, 13, 14)



FIGURE 11



FIGURE 12

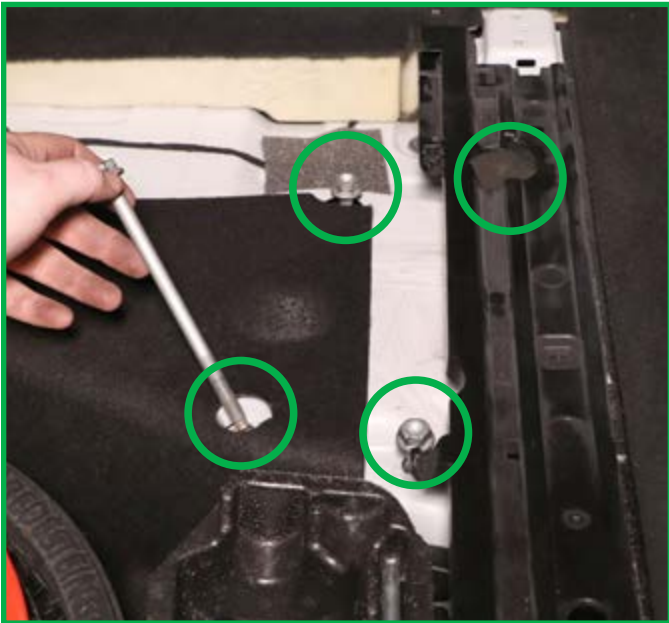


FIGURE 13



FIGURE 14

9. Remove the strut from the vehicle. (Figures 15, 16)



FIGURE 15



FIGURE 16

10. Removal complete.

eRide STRUT INSTALLATION



WARNING:

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

1. Prepare the new strut by removing the shipping plug from the check valve. (Figure 17)



FIGURE 17

2. Raise the new strut into position to install on vehicle. (Figure 18)



FIGURE 18

3. Install the four (4) top mounting bolts to support the strut. Install by hand to avoid cross-threading. Do not tighten yet. (Figure 19)

NOTE: You will need an additional person to hold the strut from below as you install the top mounting bolts.



FIGURE 19

4. Use a hydraulic jack or stand for assistance in inserting the lower mount bolt. (Figures 20, 21)



FIGURE 20



FIGURE 21

5. Tighten the four (4) top mount bolts to the manufacturer's specifications. (Figure 22)



FIGURE 22

6. Tighten the lower mount bolt to manufacturer's specifications. (Figure 23)

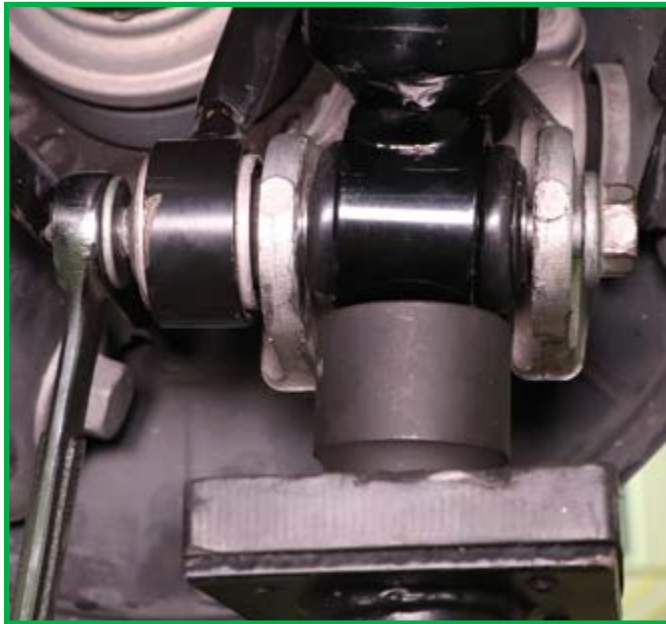
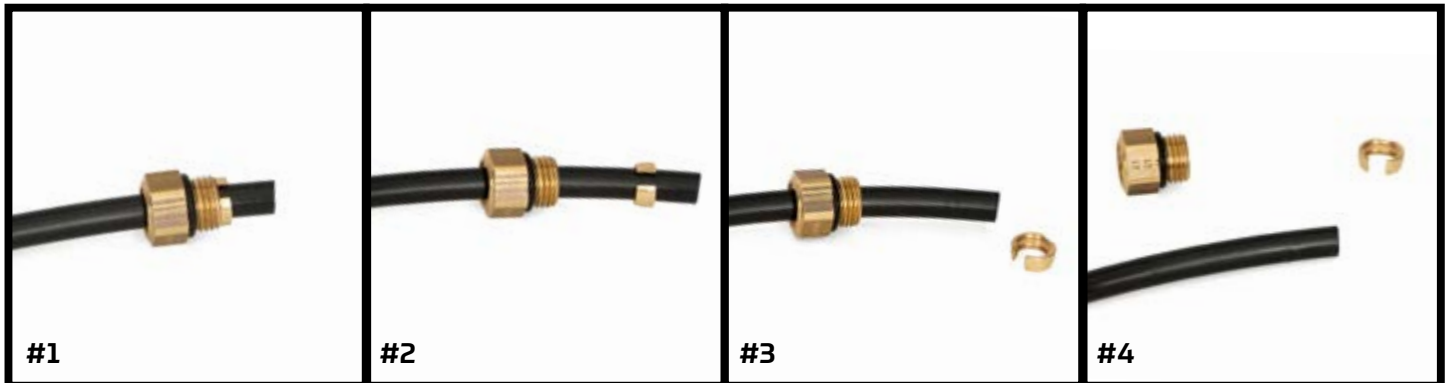


FIGURE 23

7. Refer to the provided air line TSB or the steps below for the air line installation process.

AIR LINE FITTING REMOVAL



#1
OE AIR LINE
FITTING

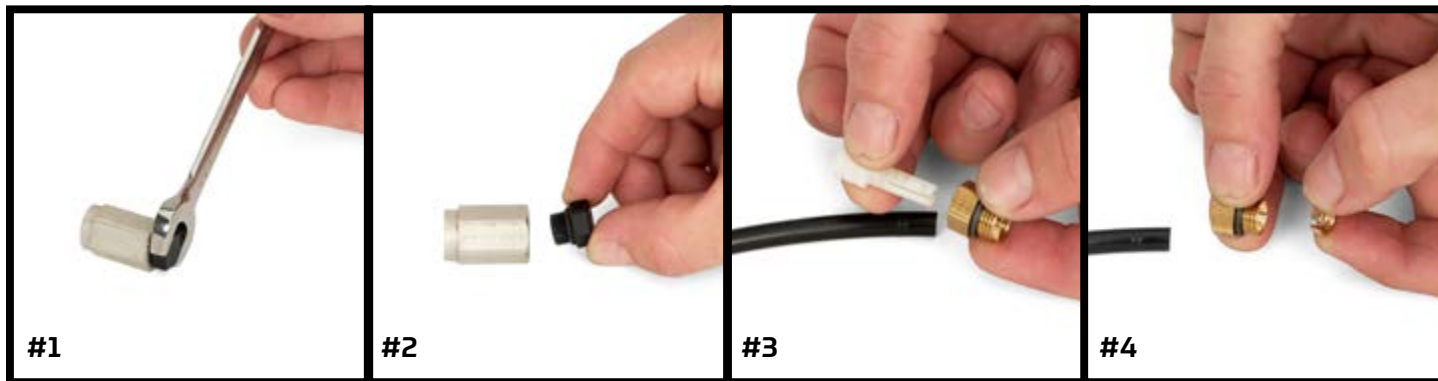
#2
SLIDE THE THREADED
PORTION UP THE LINE
AND SPREAD THE COLLET
OPEN TO REMOVE

#3
SLIDE THE AIR FITTING
OFF OF
THE AIR LINE

#4
AIR LINE IS READY
FOR
INSTALLATION

NOTE: Scratches and/or deep cuts in the air line may result in leaks. Inspect the air line before insertion. Replace the air line if damaged.

AIR LINE INSTALLATION - USING THE NEW AIR LINE FITTING PROVIDED IN THE KIT



#1

USE A WRENCH TO
LOOSEN THREADED
PLASTIC PLUG

#2

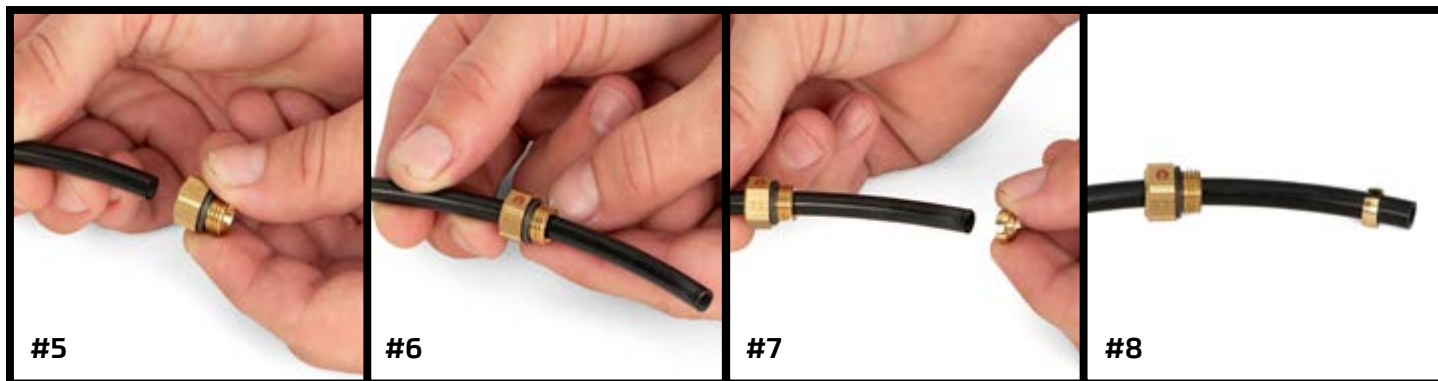
REMOVE THREADED
PLASTIC PLUG AND
DISCARD

#3

REMOVE AND DISPOSE
OF THE SHIPPING PIN

#4

INSERT AIR LINE
THROUGH
FITTING AND COLLET



#5

INSERT AIR LINE
THROUGH
FITTING AND COLLET

#6

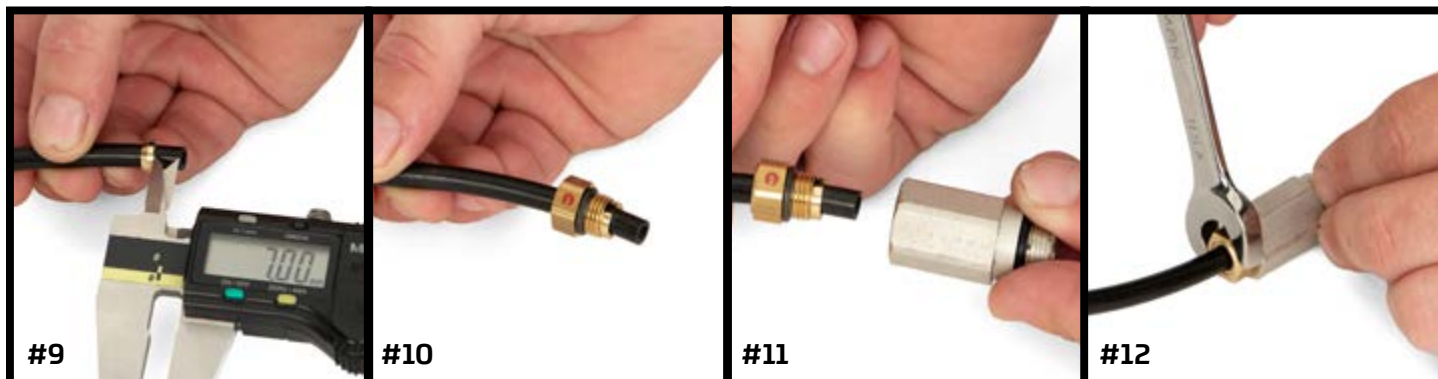
INSERT AIR LINE
THROUGH
FITTING AND COLLET

#7

INSERT AIR LINE
THROUGH
FITTING AND COLLET

#8

AIR LINE SHOULD BE
APPROX. 6-8MM
BELOW
COLLET



#9

AIR LINE SHOULD BE
APPROX. 6-8MM
BELOW COLLET

#10

PULL AIR FITTING
OUTWARD
TO LOCK COLLET

#11

INSERT FITTING AND
AIR LINE INTO VALVE

#12

TIGHTEN FITTING TO
APPROX. 3.5NM
(31 IN-LBS/2.5 FT-LBS)

8. Connect the electrical connection to the new air strut. (Figure 24)



FIGURE 24

9. Inflate the vehicle air spring per manufacturer's specifications, following the procedures for charging the closed loop air system.
10. Reinstall the wheel.
11. Lower the vehicle.
12. Reinstall the rear cargo paneling.
13. Installation complete.



HOW HELPFUL WAS THIS MANUAL?

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<https://bit.ly/4dq3U17>

NEED IMMEDIATE SUPPORT?

We're happy to help! Reach out using the contact information listed.

Arnott™

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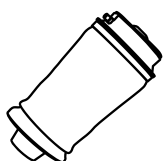
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BE Phone: +32 258 846 90

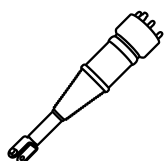
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FR Phone: +32 78 48 46 93

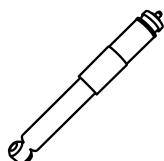
Email: info@arnotteurope.com



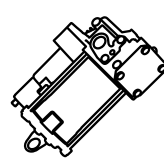
Air Springs



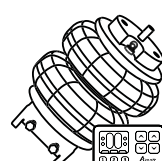
Struts



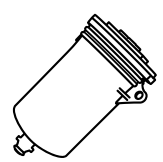
Shocks



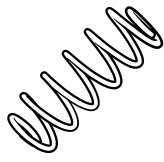
Compressors



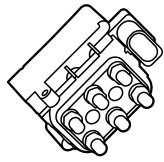
LCV Air Helper
Spring Kits



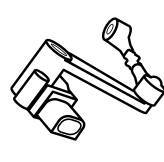
Dryers



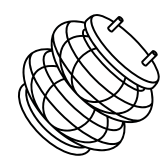
Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors



Pickup Truck Air
Helper Springs