

# Installation Manual

SK-2456  
ARNOTT REMANUFACTURED  
REAR RIGHT ABC STRUT FOR  
2000-2006 MERCEDES-BENZ S-CLASS  
2000-2006 MERCEDES-BENZ CL-CLASS



Congratulations on your purchase of an Arnott® air suspension product. We at Arnott 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 hydraulic suspension system is under pressure (in excess of 200 bar, or 2900 PSI). Depressurize the hydraulic system completely before starting any work. Wear protective clothing and eye protection. When disengaging hydraulic lines without first depressurizing the system, dangerous skin or eye injuries may occur.*

### KIT CONTAINS:

#### PARTS LIST

P/N	QTY	DESCRIPTION
21-7293	1	ARNOTT REMANUFACTURED REAR RIGHT ABC STRUT
21-7294	1	ACCESSORY KIT

Arnott® is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling **800-251-8993** during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com)

## 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](http://www.arnottinc.com).*

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

**CAUTION:** *Work is to be performed by a factory trained mechanic; failure to do so may cause damage to the vehicle. Diagnostic software is required to re-pressurize the hydraulic system after strut installation.*



*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 vehicles 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.*

## ABC STRUT REMOVAL

1. REMOVE THE STRUT COVER LOCATED ON THE REAR DECK.
2. DISCONNECT THE ELECTRICAL CONNECTOR AND REMOVE THE THREE (3) NUTS ON THE TOP OF THE STRUT. (FIGURE A)



FIGURE A

3. SET STEERING TO STRAIGHT AHEAD.
4. RAISE VEHICLE.
5. REMOVE REAR WHEEL.

6. BLEED OFF HYDRAULIC PRESSURE. OPEN BLEED SCREW CAREFULLY SO THAT THE HYDRAULIC FLUID CAN DRAIN OUT SLOWLY TO PREVENT THE STRUT FROM COLLAPSING TOO RAPIDLY. (FIGURE B)

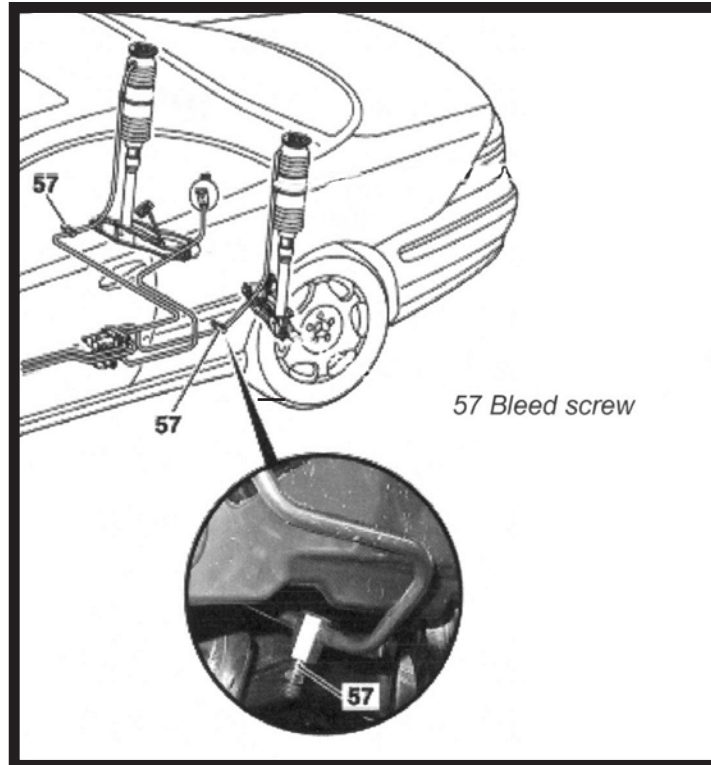


FIGURE B

7. DISCONNECT THE HYDRAULIC LINE QUICK-RELEASE COUPLING FROM THE STRUT (ENSURE THAT NO DIRT ENTERS THE OPENED QUICK-RELEASE FITTING). (FIGURE C)



FIGURE C

8. REMOVE TWO (2) BOLTS ON THE BACKSIDE OF THE CALIPER. (FIGURE D)



FIGURE D

9. REMOVE THE RETAINING CLIP. (FIGURE E)



FIGURE E

10. REMOVE THE BRAKE PAD SENSOR BRACKET (PASSENGER SIDE ONLY). (FIGURE F)

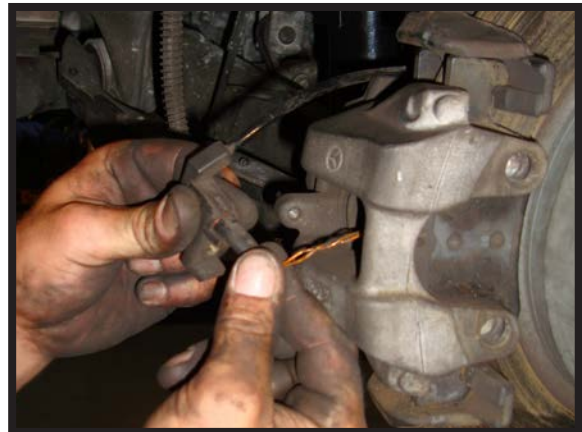
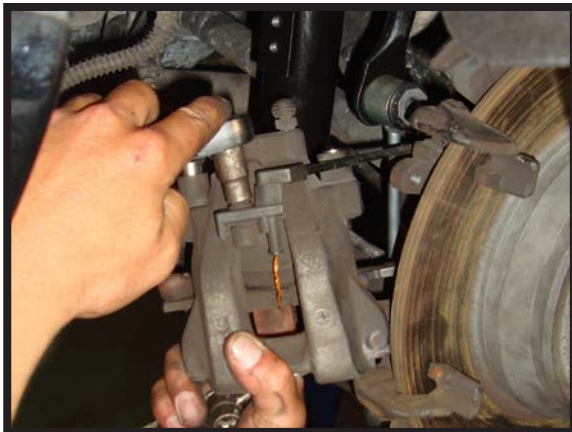


FIGURE F

11. SECURE THE CALIPER. (FIGURE G)



FIGURE G

12. REMOVE THE NUT TO DISCONNECT THE TRAVEL SENSOR. (FIGURE H)



FIGURE H

13. DISASSEMBLE THE OUTER SUSPENSION ARM. (FIGURE I)



FIGURE I

14. REMOVE THE BOLT AND NUT CONNECTING THE STRUT ASSEMBLY TO THE LOWER SUSPENSION ARM. (FIGURE J)

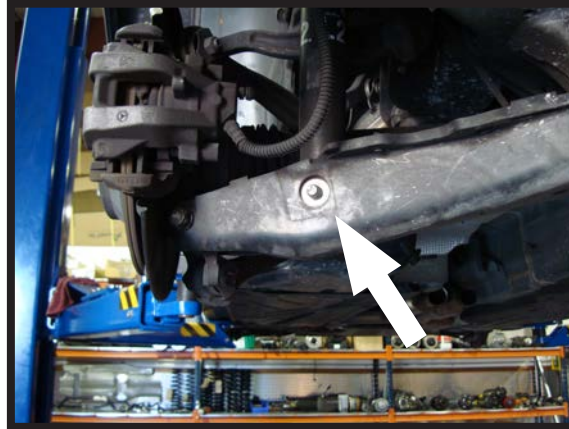


FIGURE J




15. LOOSEN THE LOWER CONTROL ARM BOLT SLIGHTLY, DO NOT REMOVE (THIS WILL ALLOW THE LOWER CONTROL ARM TO SWING DOWN). (FIGURE K)



FIGURE K

16. REMOVE STRUT ASSEMBLY FROM CAR.  
17. STRUT REMOVAL COMPLETE.

## ABC STRUT INSTALLATION

-  *Tighten all nuts and bolts to manufacturer's specifications during the installation process.*
-  *Please refer to your vehicle manufacturer's service manual for re-pressurizing the ABC<sup>®</sup> hydraulic suspension system.*
-  *Work is to be performed by a factory trained mechanic; failure to do so may cause damage to the vehicle. Diagnostic software is required to re-pressurize the hydraulic system after strut installation.*

1. INSTALLATION IS IN REVERSE ORDER OF ABC STRUT REMOVAL.