

Installation Manual

**SK-3599
ARNOTT
NEW FRONT RIGHT SHOCK
2013-2016 LINCOLN MKZ (CD533)
FORD FUSION (CD391)**



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 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.*

Arnott® is committed to the quality of its products.

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.

FRONT SHOCK REMOVAL

1. RAISE VEHICLE AND REMOVE THE FRONT RIGHT WHEEL. (FIGURE 1)

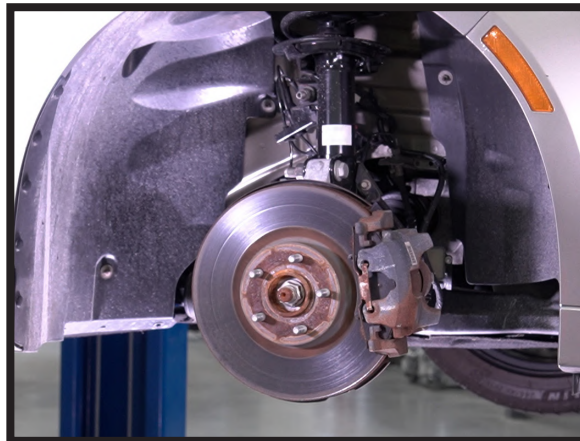


FIGURE 1

2. DISCONNECT ELECTRICAL CONNECTION AND UNHOOK THE WIRE FROM THE RETAINER BRACKET. (FIGURES 2, 3)

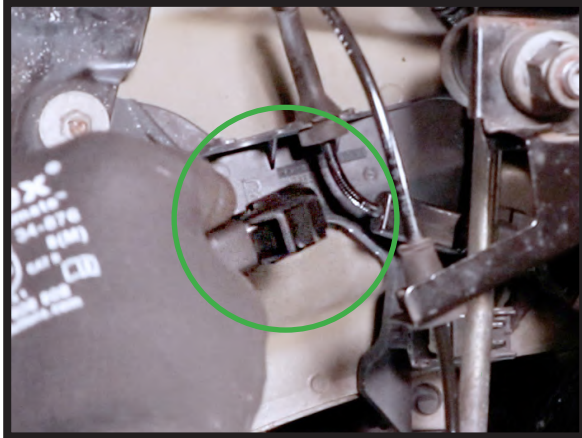


FIGURE 2

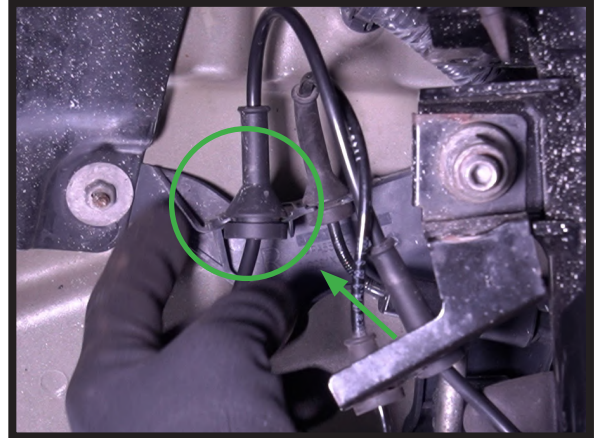


FIGURE 3

3. REMOVE SWAY BAR LINK NUT AND WIRE RETAINER BRACKET. (FIGURES 4, 5)



FIGURE 4

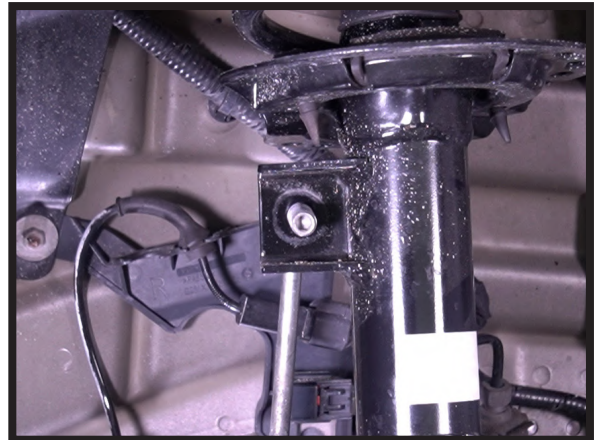


FIGURE 5

4. DISCONNECT SWAY ARM LINK FROM THE SHOCK. (FIGURES 6, 7)



FIGURE 6

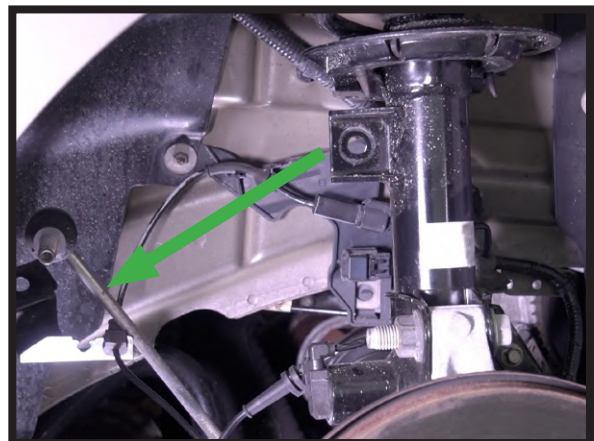


FIGURE 7

5. REMOVE THE BRAKE LINE RETAINER BRACKET BOLT AND DISCONNECT BRACKET. (FIGURES 8, 9)

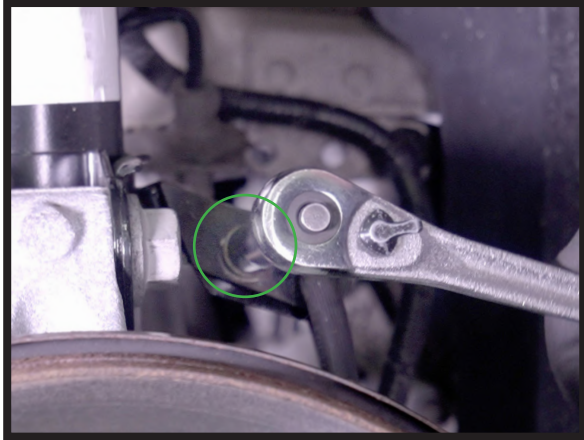


FIGURE 8

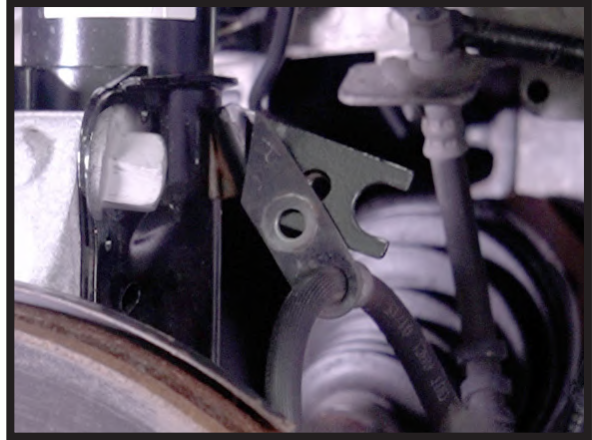


FIGURE 9

6. REMOVE THE THREE (3) TOP MOUNT BOLTS UNDER THE HOOD. (FIGURE 10)

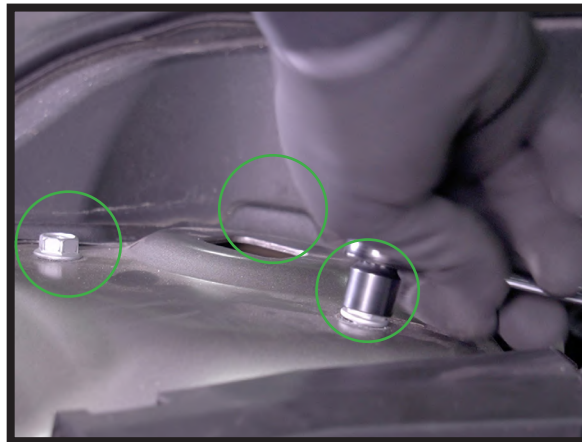


FIGURE 10

7. REMOVE THE TWO (2) BOTTOM SHOCK MOUNT BOLTS. (FIGURES 11, 12, 13)



FIGURE 11

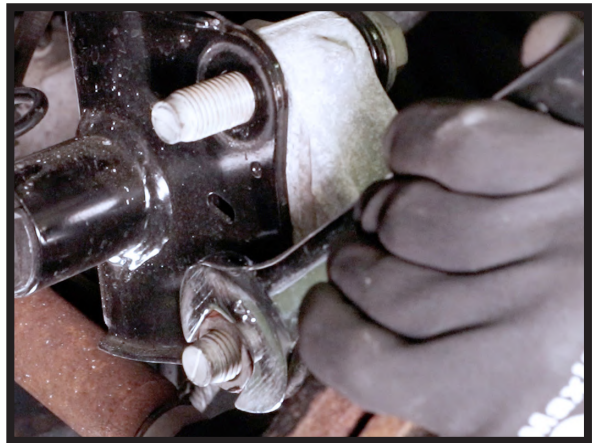


FIGURE 12

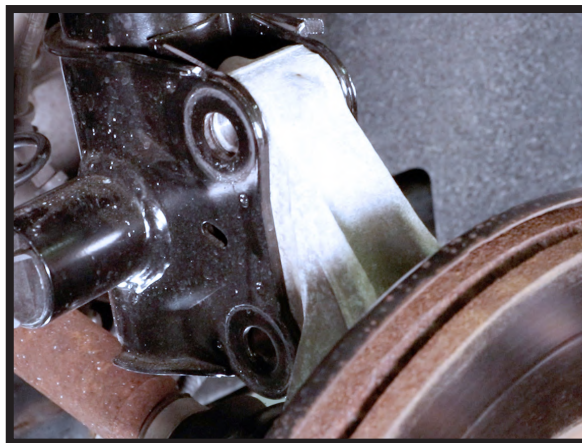


FIGURE 13

8. SEPARATE THE BOTTOM SHOCK MOUNT FROM THE WHEEL CARRIER. (FIGURE 14)

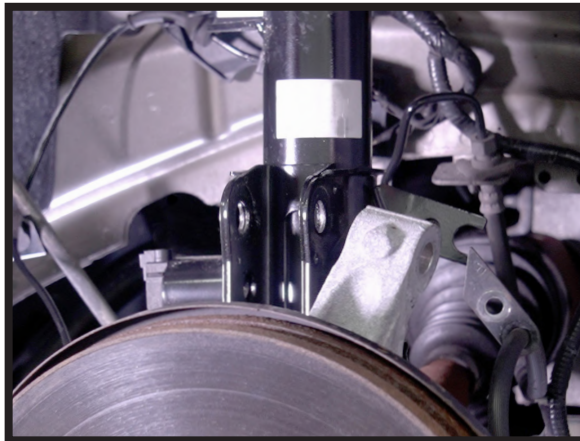


FIGURE 14

9. REMOVE OLD SHOCK FROM THE VEHICLE. (FIGURE 15)

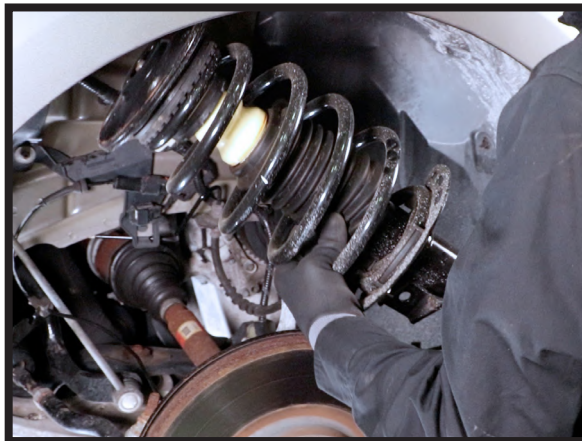


FIGURE 15

10. REMOVAL COMPLETE.

FRONT SHOCK INSTALLATION



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

1. INSERT NEW ARNOTT SHOCK INTO VEHICLE. (FIGURE 16)



FIGURE 16

2. POSITION THE WHEEL CARRIER BETWEEN THE BOTTOM SHOCK MOUNT. (FIGURE 17)



FIGURE 17

3. REINSTALL THE TWO (2) BOTTOM SHOCK MOUNT BOLTS/NUTS. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 18, 19)

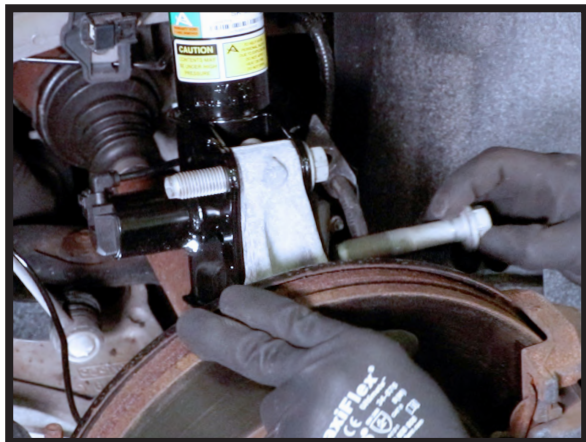


FIGURE 18

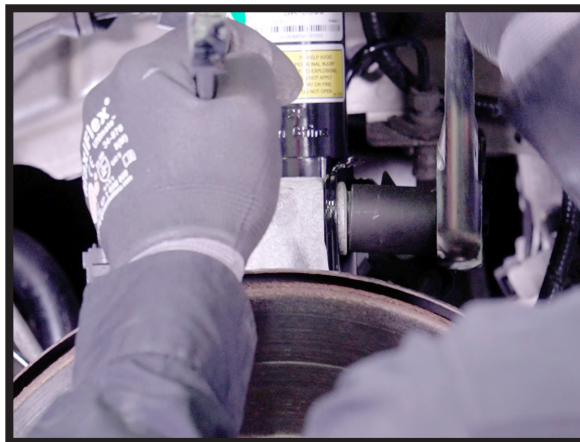


FIGURE 19

4. INSTALL THE THREE (3) PROVIDED TOP MOUNT BOLTS UNDER THE HOOD. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 20, 21)

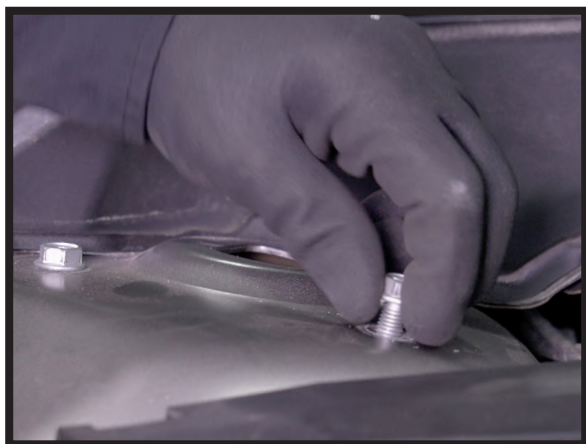


FIGURE 20

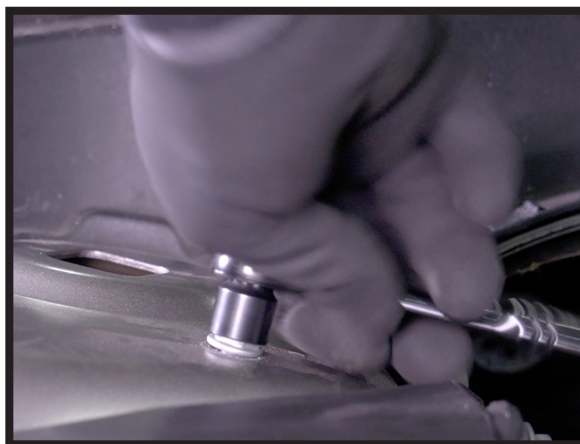


FIGURE 21

5. REATTACH THE BRAKE LINE RETAINER CLIP. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 22)

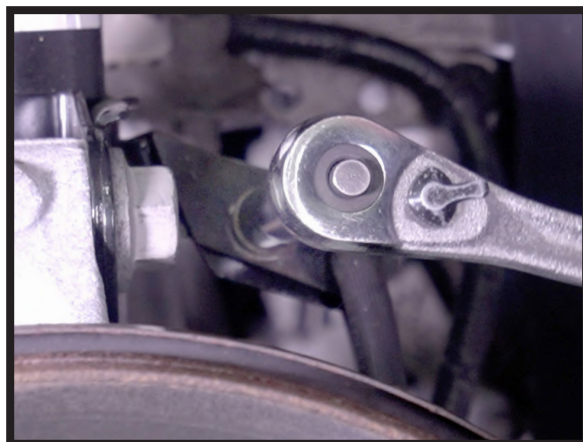


FIGURE 22

6. RECONNECT THE SWAY ARM LINK AND WIRE RETAINER BRACKET TO THE SHOCK. TIGHTEN NUT TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 23, 24)



FIGURE 23



FIGURE 24

7. HOOK THE WIRE TO THE RETAINER BRACKET AND CONNECT THE ELECTRICAL CONNECTION.
(FIGURES 25, 26)



FIGURE 25

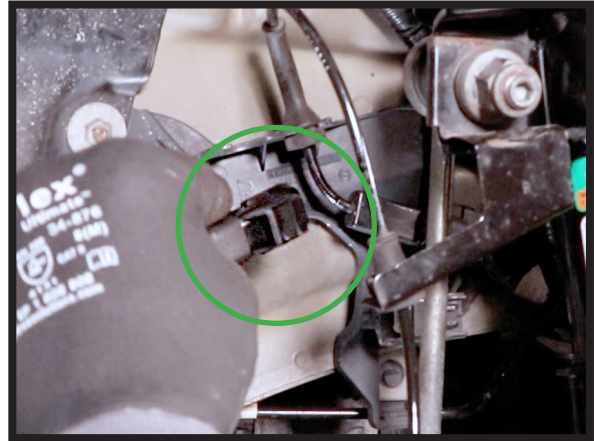


FIGURE 26

8. REINSTALL THE FRONT RIGHT WHEEL.
9. LOWER THE VEHICLE.
10. INSTALLATION COMPLETE.