



INSTALLATION MANUAL

C-3793 Arnott New Coil Spring Conversion Kit Toyota Sequoia (XK60)



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.

FRONT REMOVAL

1. Raise the vehicle.
2. Remove the front wheels. (Figure 1)



FIGURE 1

3. Disconnect the damping control motor connector from the vehicle. (Figure 2)



FIGURE 2

4. Remove the screws connecting the damping control motor to the bracket, remove the damping control motor. (Figure 3)

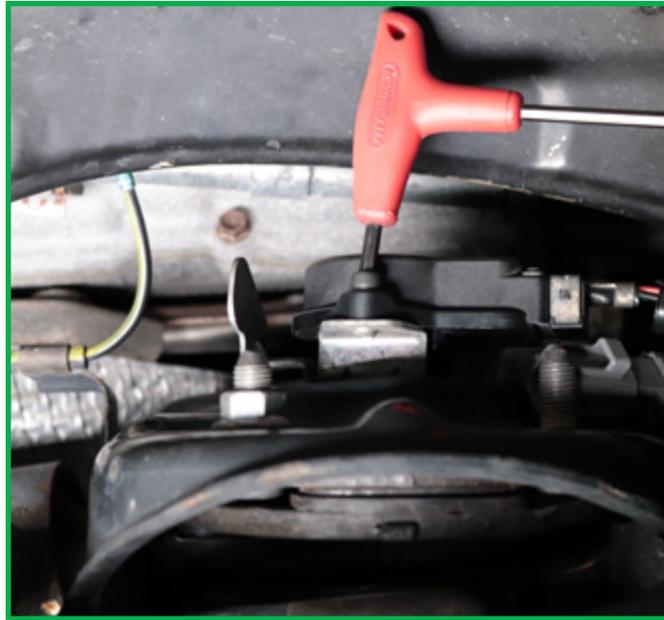


FIGURE 3

5. Remove the jam nut that retains the bracket; remove the bracket. The bracket and control motors are not used with this kit. (Figures 4, 5)

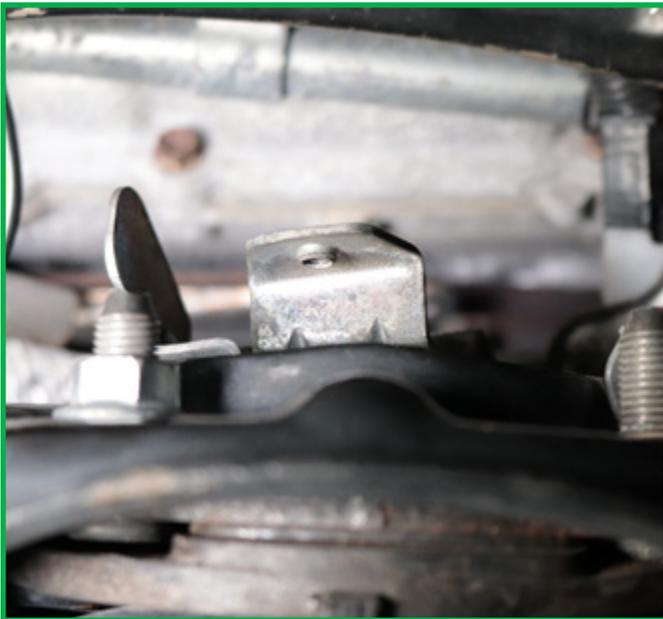


FIGURE 4



FIGURE 5

6. Un-route the wheel speed sensor wire from the bracket on the spindle. (Figures 6, 7)



FIGURE 6



FIGURE 7

7. Remove the lower strut bolt and disconnect the sway bar link from the lower control arm. (Figures 8, 9)

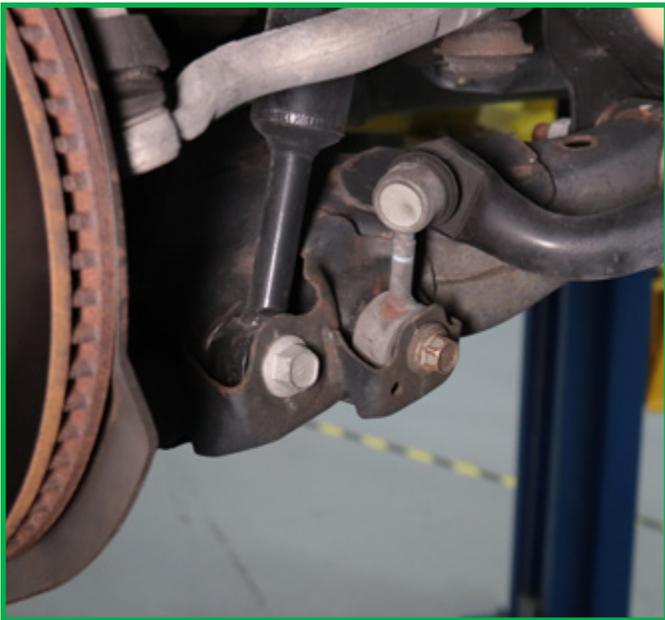


FIGURE 8



FIGURE 9

8. Support the wheel hub and disconnect the spindle from the upper control arm. (Figures 10, 11)



FIGURE 10



FIGURE 11

9. Remove the three strut top nuts. (Figure 12)



FIGURE 12

10. Remove the strut from the vehicle. (Figure 13)



FIGURE 13

11. Removal complete.

FRONT INSTALLATION



WARNING:

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

1. Install the new Arnott strut into the vehicle. (Figure 14)



FIGURE 14

2. Loosely install the three strut top nuts. (Figure 15)



FIGURE 15

3. Install the lower mount bolt. (Figure 16)



FIGURE 16

4. Connect the sway bar link to the lower control arm. (Figure 17)



FIGURE 17

5. Connect the spindle to the upper control arm. (Figure 18)



FIGURE 18

6. Re-route the wheel speed sensor wire through the bracket on the spindle. (Figure 19)



FIGURE 19

7. Tighten all hardware to manufacturer's specifications.
8. Reinstall the front wheels.
9. Installation complete.

REAR REMOVAL

1. Disable and deflate the air suspension system per manufacturer's instructions.
2. Raise the vehicle.
3. Remove the rear wheels. (Figure 20)



FIGURE 20

4. Remove the air line from the air spring. (Figure 21)



FIGURE 21

5. Remove the lower air spring retaining screw. (Figures 22, 23)



FIGURE 22



FIGURE 23

6. Rotate the air spring to disengage the upper retaining bracket and remove the air spring. (Figure 24)



FIGURE 24

7. Disconnect the shock's electrical connector.
8. Remove the rear shock upper bolt. (Figure 25)



FIGURE 25

9. Remove the rear shock lower bolt. (Figures 26, 27)



FIGURE 26



FIGURE 27

10. Remove the rear shock from the vehicle. (Figure 28)

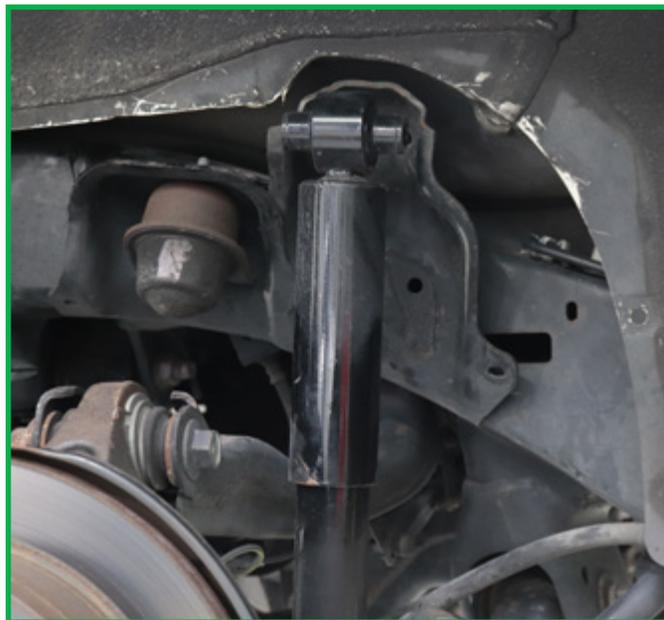


FIGURE 28

11. Removal complete.

REAR INSTALLATION



WARNING:

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

1. Place the upper and lower spring isolators on the coil spring. Support the lower control arm using a suitable jack. Using an appropriate spring compressor, compress the spring and install into the vehicle. (Figures 29, 30, 31)



FIGURE 29



FIGURE 30



FIGURE 31

2. Install the new Arnott shock into the vehicle. Install the upper and lower shock mount bolts. (Figures 32, 33, 34)



FIGURE 32



FIGURE 33



FIGURE 34

3. Tighten all hardware to manufacturer's specifications.
4. Install the rear wheels.
5. Installation complete.

DASHBOARD WARNING LIGHTS REMOVAL

1. Remove fuse #46 from under the hood. (Figure 35)

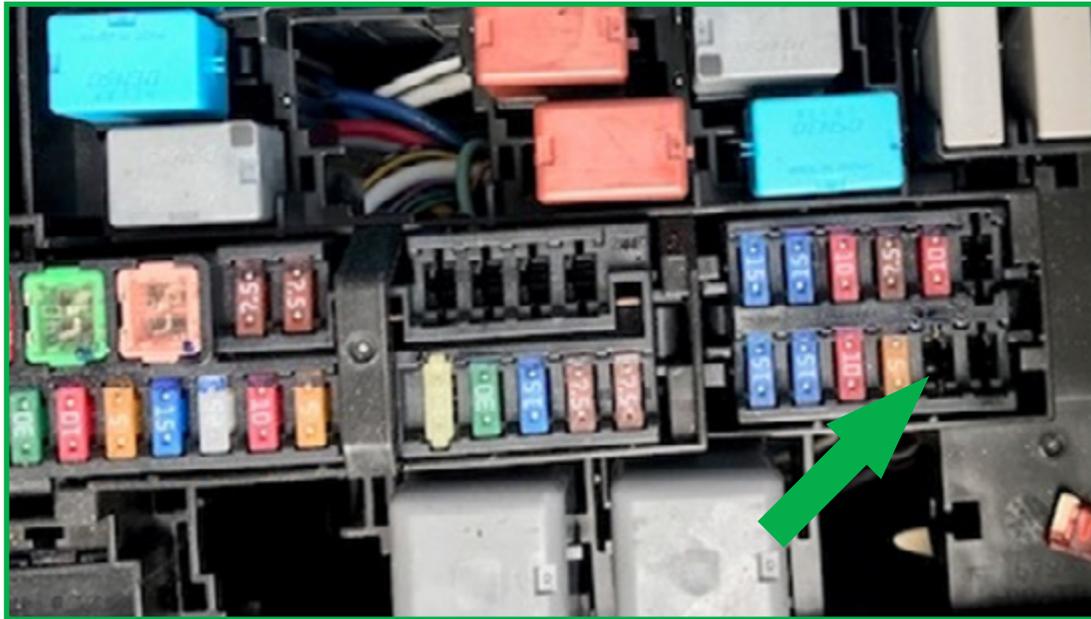


FIGURE 35

2. Remove fuse #16 from under the dash, near the OBD connector. (Figure 36)



FIGURE 36

3. Removal 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

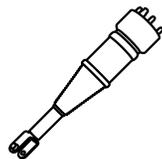
ES Phone: +34 91 901 10 56

FR Phone: +32 78 48 46 93

Email: info@arnotteurope.com



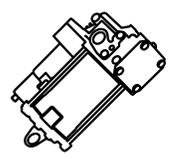
Air Springs



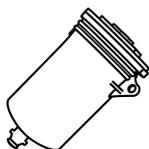
Struts



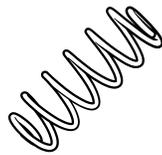
Shocks



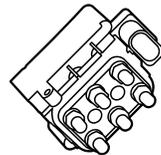
Compressors



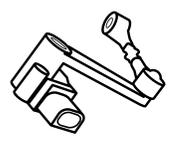
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors