



# INSTALLATION MANUAL

## SK-3794 New Front Right Shock Toyota Sequoia (XK60 Chassis)



**Engineered to Ride, Built to Last<sup>®</sup>**

# 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](http://www.arnottinc.com) and [www.arnotteurope.com](http://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 SHOCK 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)

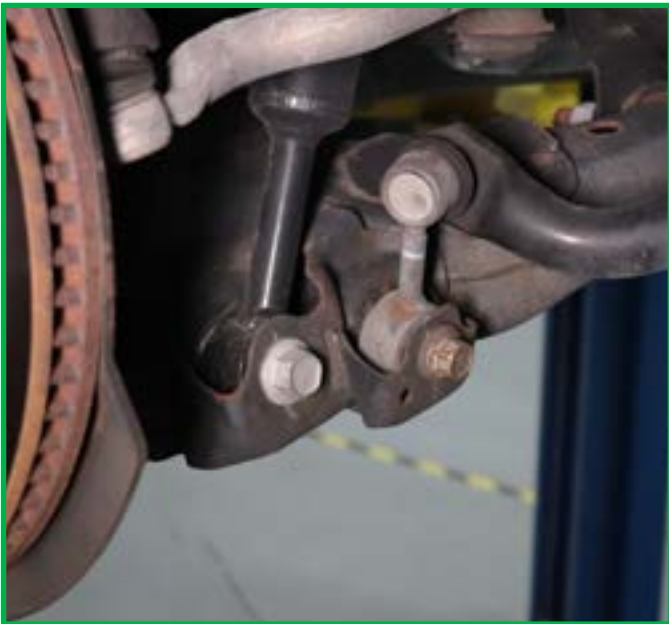


FIGURE 8



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 SHOCK 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)

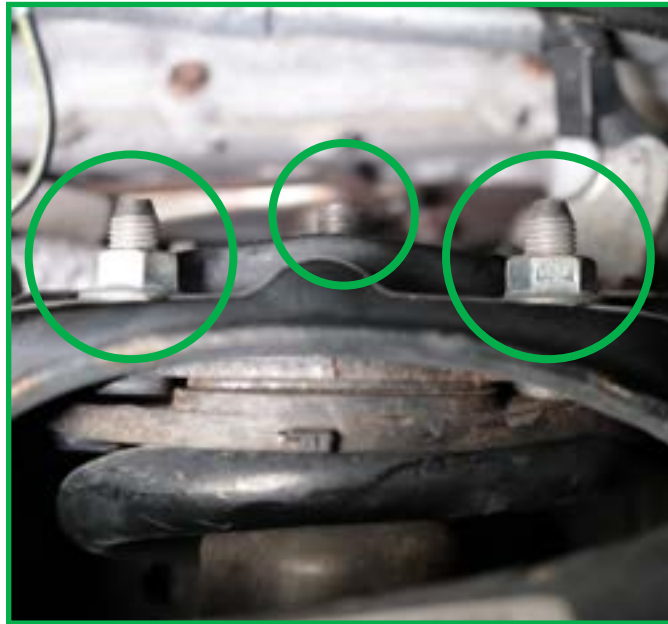


FIGURE 15

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. Place the bypass coil onto the exposed shock rod threads. Install the included nut; tighten to 15 FT-LB (20 NM). (Figures 20, 21)



FIGURE 20



FIGURE 21

8. Connect the bypass coil to the vehicle's damping control motor connector. (Figure 22)



FIGURE 22

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

# Arnott™

## Suspension Products

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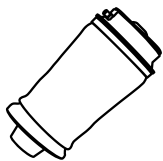
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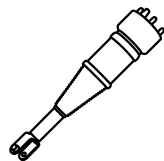
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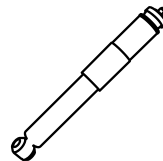
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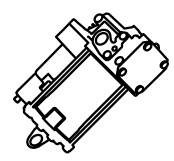
Air Springs



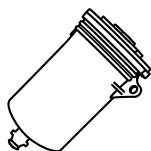
Struts



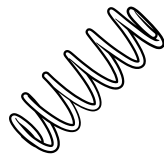
Shocks



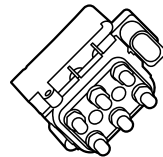
Compressors



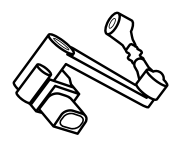
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors