



INSTALLATION MANUAL

AH-5695 Arnott Complete Air Helper Kit Citroën Jumper/Fiat Ducato/Peugeot Boxer (X250/X290)



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.

All Arnott LCV Kits are approved for road-legal use in accordance with German law. After installation is complete, an official test center must prove all requirements and installation correctly match the vehicle application and instructions. [Click here to download the TÜV certificate for this kit.](#)

With the §19/3 regulation, you will receive an approval document specific to your vehicle from the test center.

COMPONENTS

PART NO.	DESCRIPTION	QTY
21-20785	EUROPEAN LCV KIT	1
29-15894	FLAT WASHER M8	8
29-18164	M8 NYLON-INSERT LOCKNUT	4
29-18332	6MM TUBING	5
29-18333	6MM TUBING	5
29-18334	ELBOW FITTING 6MM TO 1/4" UNC	2
29-18336	M10 X 20 SOCKET HEAD SCREW	4
29-18337	M6 X 1 SET SCREW	4
29-18338	M8 X 1.25MM HEX HEAD SCREW	4
29-18441	LOWER BRACKET	2
29-18449	TOP BRACKET	2
29-18612	COUNTERSUNK SCREW M10 X 1.25 X 45	2
29-18647	DOUBLE CONVOLUTED AIR SPRING	2
29-7856	4" X 3/32 NYLON CABLE TIE BLACK	2
29-22250	CONSOLE BRACKET	1
29-22281	CONSOLE ADAPTER DUCATO	1
AH-5377	ARNOTT WIRELESS AIR HELPER CONTROLLER INCL. HARDWARE	1

REMOVAL

1. Remove serial bump stop by releasing with a hooked tool twisting out the frame. (Figure 1)

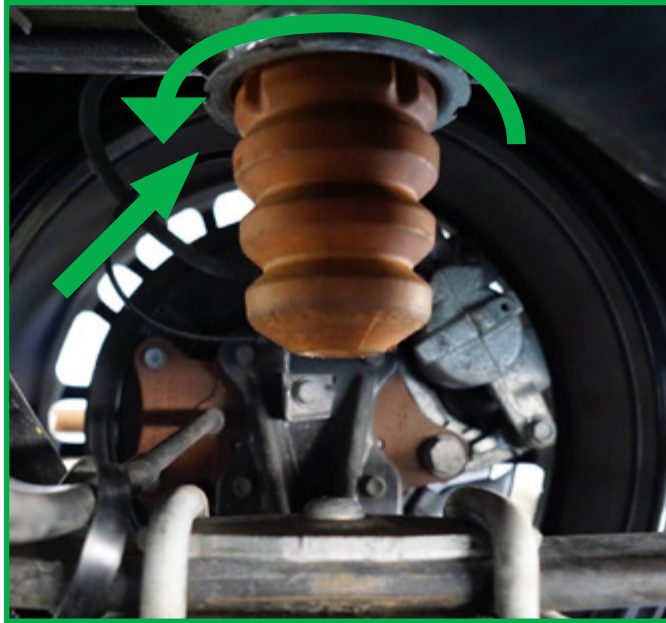


FIGURE 1

2. Remove all dirt and dust and clean the spot at the frame where the serial bump stop was located. Install the upper bracket with the cut out pointing towards the center of the rear axle. Tighten screw with TX6 nut and max. torque of 35Nm. Make sure area between the U-bolts is clean. (Figure 2)

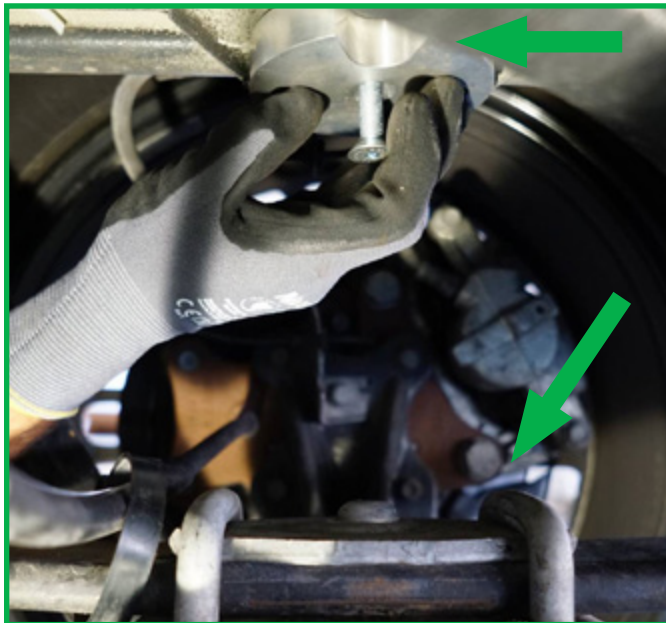


FIGURE 2

INSTALLATION

1. Place the pre-assembled air spring between the U-bolts. **Ensure the air fitting will not be damaged.** Hook in the lower bracket to the plate sitting on top of the leaf spring. Make sure lower bracket accurately fits between the U-bolts. The two bolts on the upper plate of the air spring should match the holes in the upper bracket. (Figure 3)



FIGURE 3

2. Plug in the air line into the fitting (Left Black/Right Yellow). Inflate the air spring manually with the provided inflation valve to max. 2 bar. Check the air spring is sitting correctly on the serial leaf spring and verify that the bolts on the upper side of the air spring fit the upper bracket holes. (Figure 4)

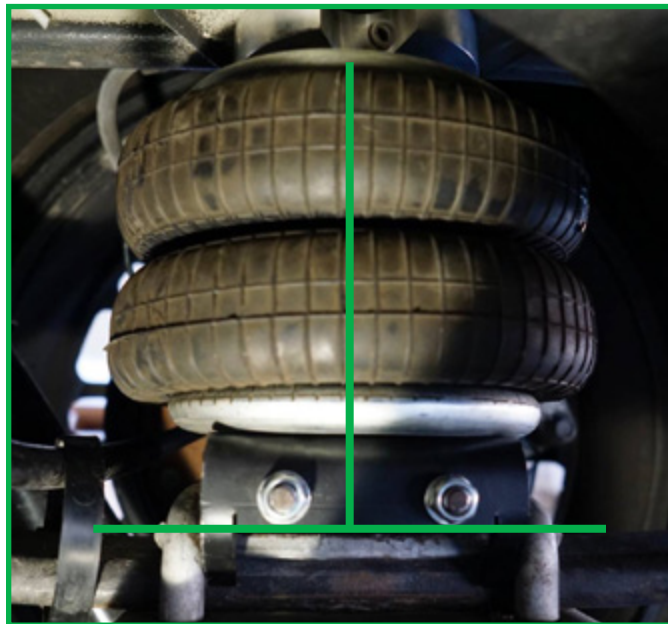


FIGURE 4

3. Securely attach the lower bracket by tightening the two M8 screws/nuts with a max. torque of 35Nm. (Figure 5)



FIGURE 5

4. Tighten the headless bolts in the upper bracket with a max. torque of 13Nm to attach the air spring. (Figure 6)



FIGURE 6

5. Route the air line to the console box.

6. Release the two screws holding the fuel tank straps. **Make sure to not turn it more than 4 times.** (Figure 7)

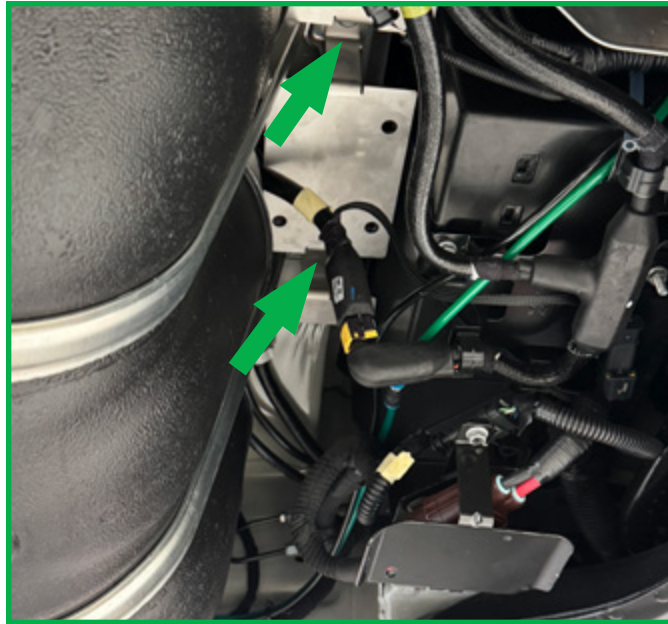


FIGURE 7

7. Flip in the adapter bracket between the bolt head and strap. Make sure the straps are well located in the cut out areas of the bracket. (Figure 8)

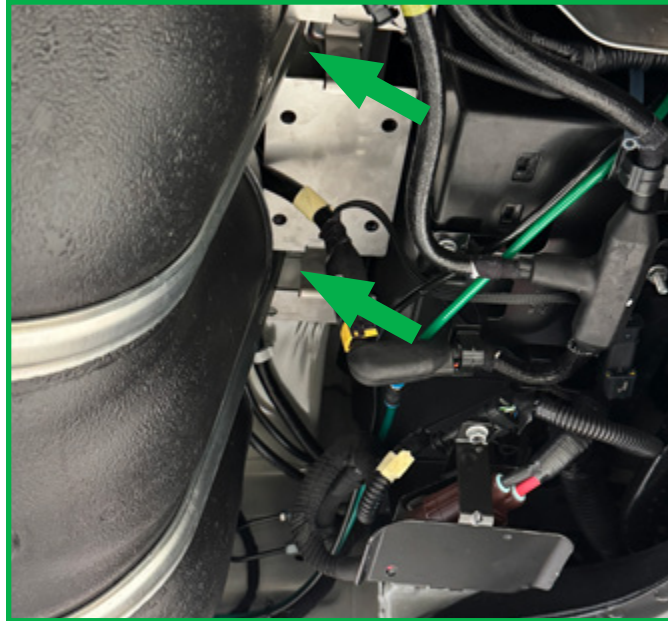


FIGURE 8

8. To gain space, push the full tank as far as possible to the rear of the vehicle. Tighten the two tank strap screws (max. 25Nm torque), the adapter bracket should be as close as possible to the vehicle's battery box.

9. Mount the cage bracket with the console at the prepared holes. The cage bracket should fit snugly around the console enclosure. Position the console to the right side of the adapter bracket with the connecting ports pointing to left side of the vehicle. The tighten the four (4) M8 flange nuts (max. 25Nm). (Figure 9)

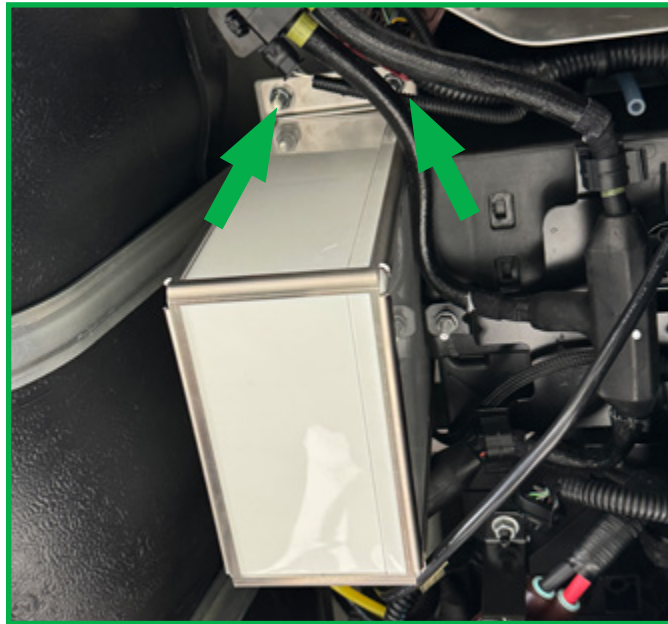


FIGURE 9

10. Carefully move the OE tubing around the console making sure it does not stretch, bend, or abrade against sharp corners/edges.
11. Connect the air tubes and power supply. Route the power supply cable from the connected box to the inside of the OE battery case. Connect ground (black wire) to – pole of the battery, connect power with the fuse holder to + pole of the battery. After both power supply wires are connected to the battery poles, insert the provided Fuse. (Figure 10)

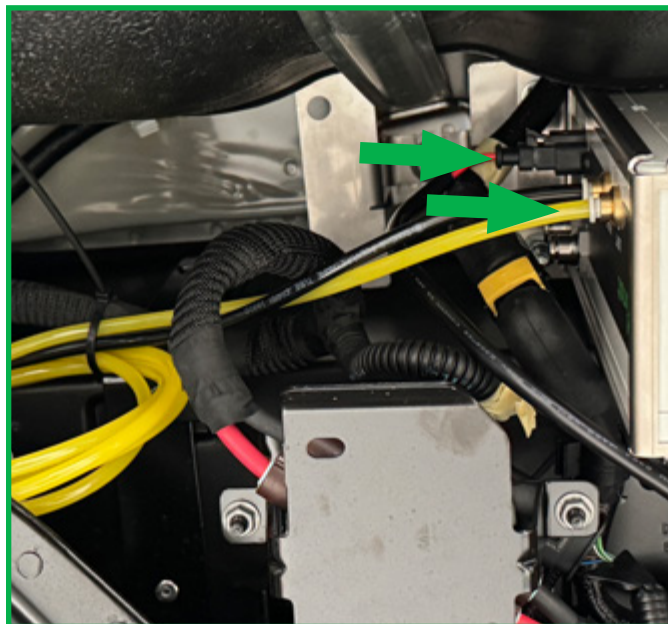


FIGURE 10

CONNECTING CONSOLE AND CONTROLLER

1. Power up the console with the included power cable. Make sure it is fully seated and cannot be pulled out without pressing the retaining clip.
2. Power on the controller with the included 12V power cable or USB-A to USB-C cable. The welcome screen should appear followed by the language selector. (Figures 11, 12)



FIGURE 11

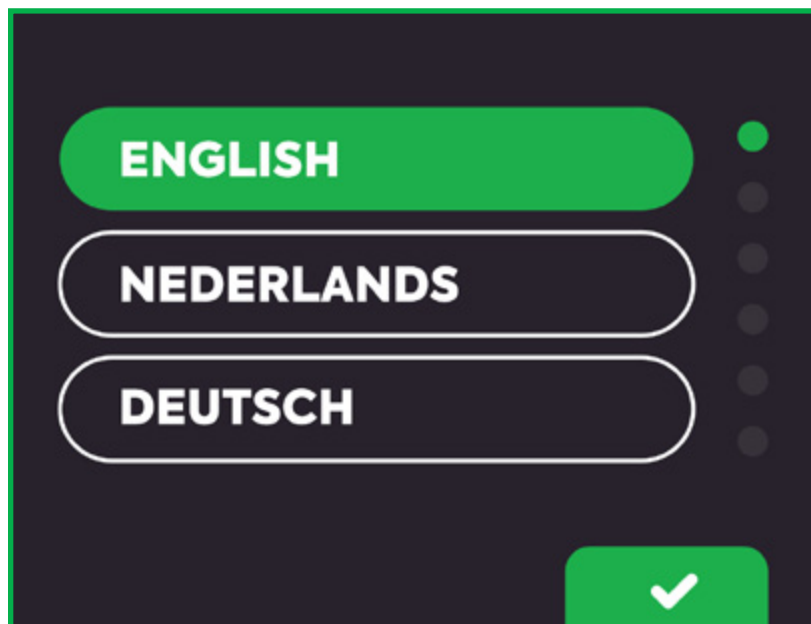


FIGURE 12

3. Select the required language. (Figure 13)



FIGURE 13

4. A screen indicating that the controller is looking for a console will appear. If the controller cannot find the console after 1 minute, move the controller closer to the console. Once the controller found the console, an identification procedure will appear on the display. (Figures 14, 15)

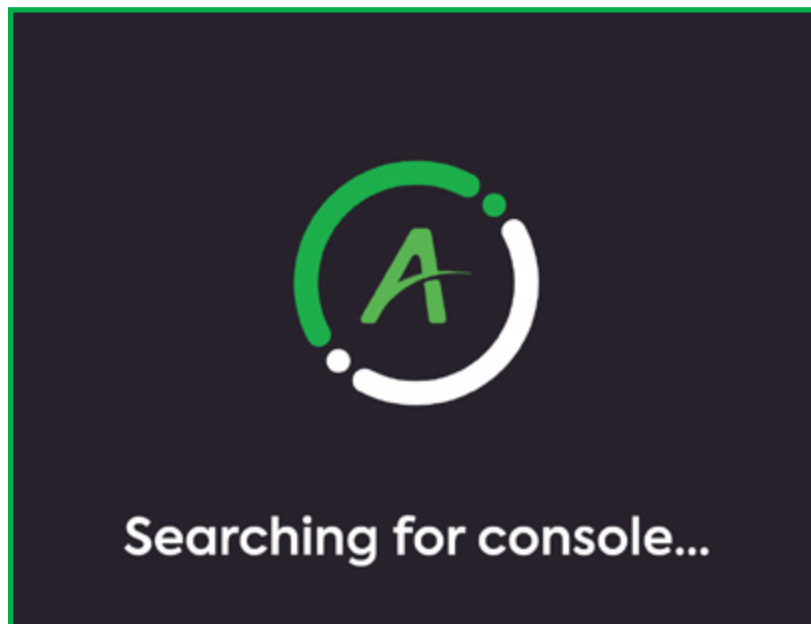


FIGURE 14

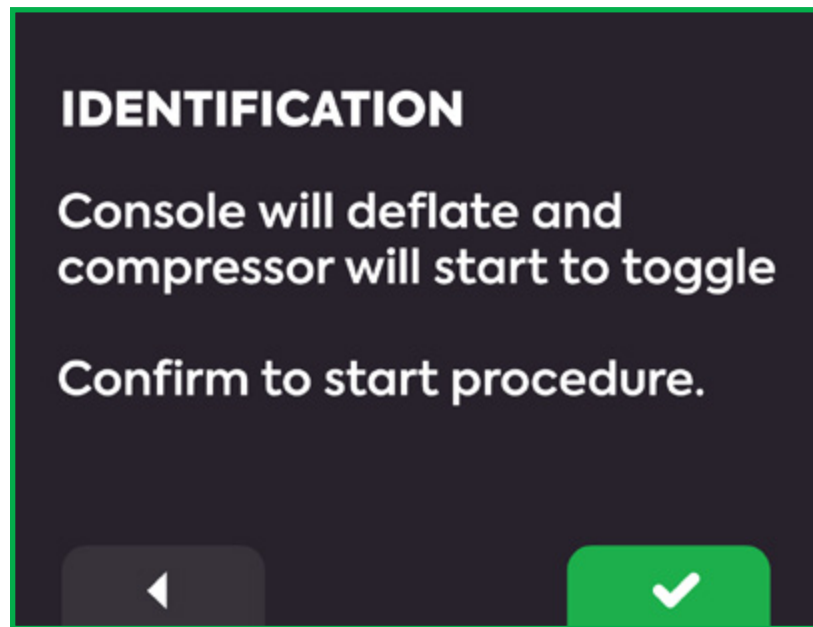


FIGURE 15

5. The identification procedure starts by automatically turning the compressor on and off multiple times. This verifies that the console you are trying to pair with, it the correct unit. When you hear the console, you can confirm pairing the controller. (Figures 16, 17)

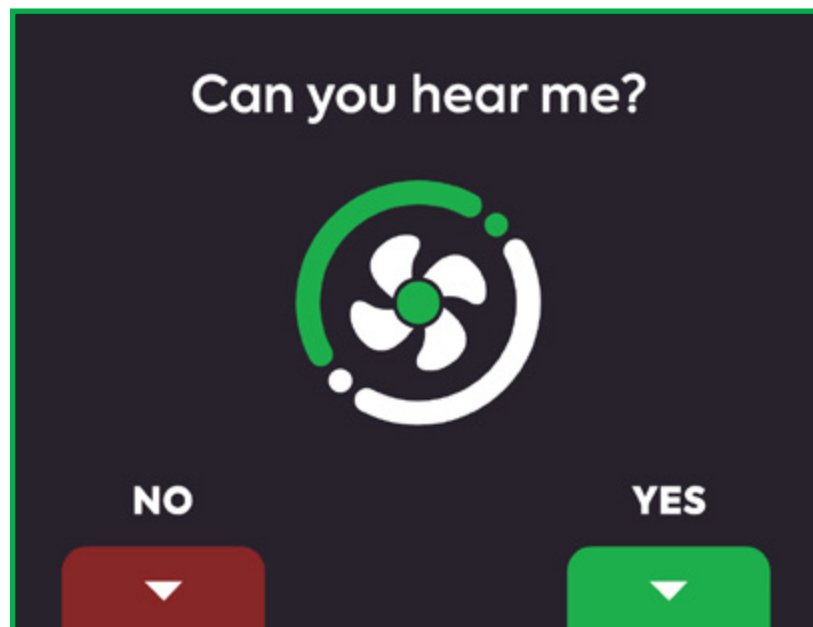


FIGURE 16

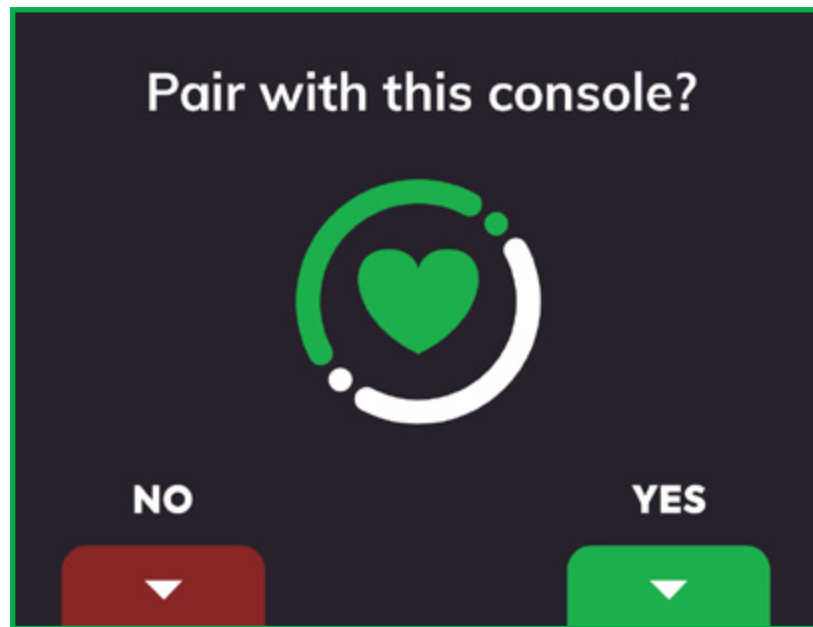


FIGURE 17

6. The console and controller are now successfully paired. (Figure 18)

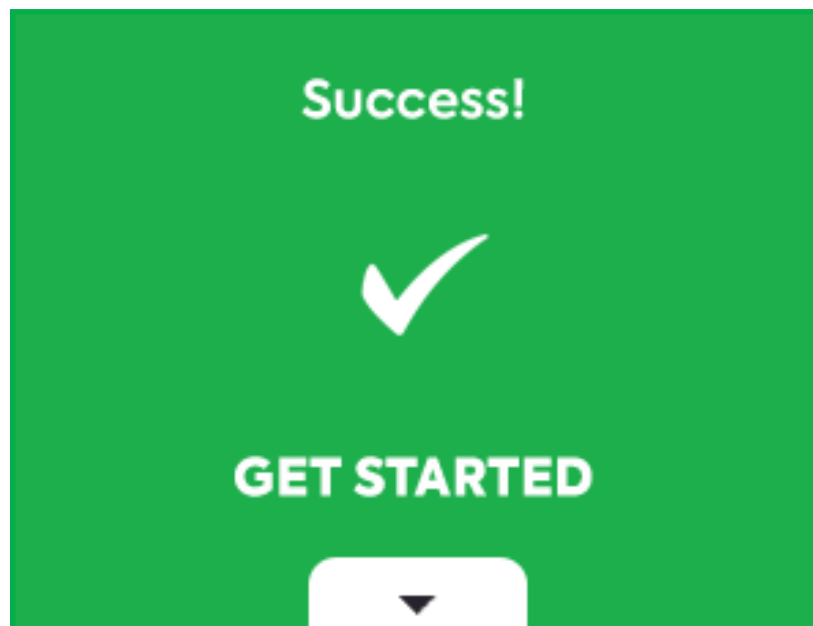


FIGURE 18

Arnott®

Suspension Products

Arnott US Business Office:

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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:

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Industrieweg 19
5145 PD, Waalwijk (NL)

NL Phone: +31 73 7850 580

DE Phone: +31 85 2087 438

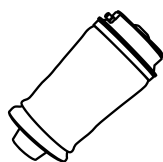
UK Phone: +44 203 3186 124

BE Phone: +32 258 846 90

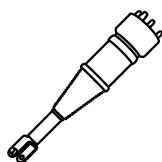
ES Phone: +34 91 901 10 56

FR Phone: +32 78 48 46 93

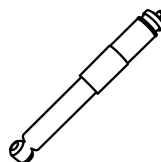
Email: info@arnotteurope.com



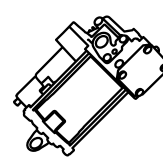
Air Springs



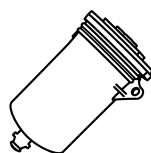
Struts



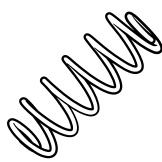
Shocks



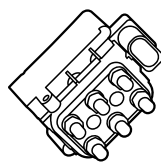
Compressors



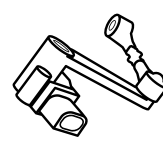
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors