



INSTALLATION GUIDE



HONDA CIVIC (10th & 11th GEN) & ACURA INTEGRA

REAR APPLICATION

Kits 76525/76548

For maximum effectiveness and safety, please read these instructions completely before proceeding with installation.

Failure to read these instructions can result in an incorrect installation which could result in damage to the vehicle, minor to severe personal injury or death.



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your warranty.**

TABLE OF CONTENTS

P.02

Introduction

Notation Explanation

P.03

System Overview

Hardware Content

P.04

Install the System

Important Safety Notices

Section 1. Prepare the Vehicle

Section 2. Stock Suspension Removal

Section 3. Install the Kit Components

Section 4. Route the Air Lines

P.11

Before Operating

Set the Ride Height

Torque Specifications

Suggested Driving Air Pressure

Maximum Air Pressure

Check for Binding

Installation Checklist

Damping Adjustment

Introduction

Air Lift Performance thanks you for purchasing the most complete, fully engineered high-performance air suspension made for the Honda Civic (10th & 11th Gen) & Acura Integra. Read these installation instructions to correctly and safely set up the vehicle for a #lifeonair.

Air Lift assumes that the installer has the mechanical knowledge and ability to work on vehicle suspension systems and has basic tools necessary to complete a suspension replacement project. Special tools needed to complete the installation are noted on the System Overview page.

Air Lift reserves the right to make changes and improvements to its products and publications at any time. For the latest version of this manual, contact Air Lift Performance at **(800) 248-0892** or visit **www.airliftperformance.com**.

An Air Lift Performance air management system is highly recommended for this product. Learn more at **air-lift.co/productlines**.

NOTATION EXPLANATION

Hazard notations appear in various locations in this publication. Information highlighted by one of these notations must be observed to help minimize risk of personal injury or possible improper installation, which may render the vehicle unsafe. Notes are used to help emphasize areas of procedural importance and provide helpful suggestions. The following definitions explain the use of these notations as they appear throughout this guide.



DANGER

INDICATES IMMEDIATE HAZARDS WHICH WILL RESULT IN SEVERE PERSONAL INJURY OR DEATH.



WARNING

INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.



CAUTION

INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN DAMAGE TO THE VEHICLE OR MINOR PERSONAL INJURY.



NOTE

Used to help emphasize areas of procedural importance and provide helpful suggestions.



TECH TIP

Used to provide helpful tips to ease the installation process.

IMPORTANT SAFETY NOTICE



WARNING

DO NOT INFLATE AIR SPRINGS WHILE OFF OF THE VEHICLE. DAMAGE TO ASSEMBLY MAY RESULT AND VOID WARRANTY.



CAUTION

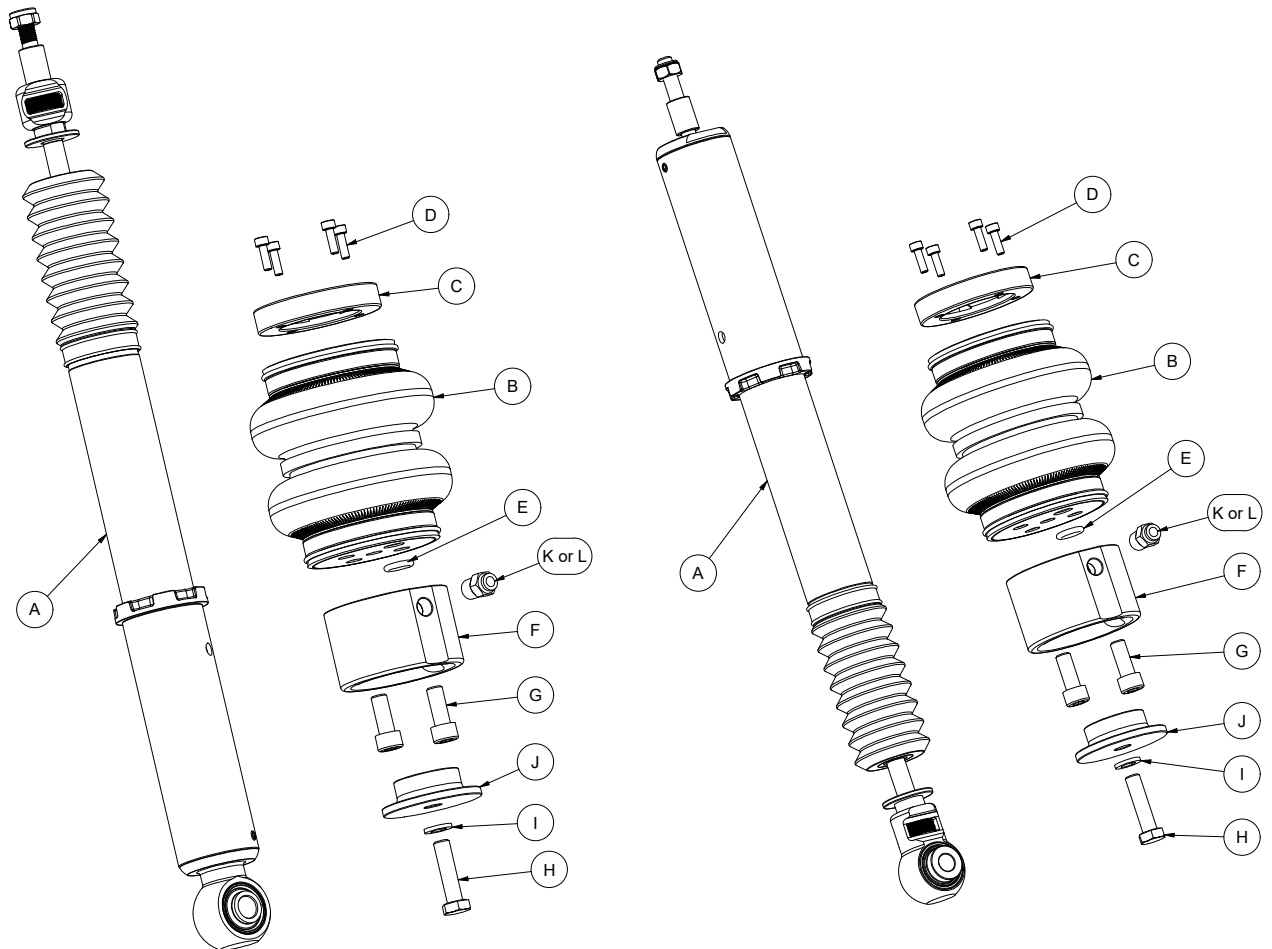
DO NOT WELD TO OR MODIFY PERFORMANCE STRUTS/SHOCKS IN ANY WAY. DAMAGE TO UNIT MAY OCCUR AND WILL VOID WARRANTY.



WARNING

AFTER INSTALLATION, ENSURE ALL ORIGINAL EQUIPMENT VEHICLE SAFETY FEATURES ARE PROPERLY CALIBRATED BY A QUALIFIED TECHNICIAN. CHANGING VEHICLE HEIGHT MAY AFFECT FUNCTIONING OF SAFETY SENSORS AND CAMERAS.

System Overview



HARDWARE CONTENT

76525

Item	Part #	Description	Qty
A	39196	SHOCK, 10G CIVIC, REAR	2
B	58559	AIR SPRING, 2B5 RCSD-20 METRIC	2
C	07972	SPACER, UPPER, 10G CIVIC, REAR	2
D	17550	M5-.8 X 16, SOCKET-HEAD CAP SCREW, SS	8
E	21575	O-RING, PARKER 2-206	2
F	03972A	SPACER, LOWER, 10G CIVIC, REAR	2
G	17516	M10-1.5x25 SOCKET-HEAD CAP SCREW, CZ	4
H	17933	M10-1.5X40 HEX CAP SCREW, ZN	2
I	18628	M10, SPLIT LOCK WASHER, CZ	2
J	13887	CENTERING SPACER, 10G CIVIC, REAR	2
K	21745	1/4" MNPT X 1/4" PTC STRAIGHT FITTING	2
L	21853	1/4" MNPT X 3/8" PTC STRAIGHT FITTING	2

76548

Item	Part #	Description	Qty
A	39281	SHOCK, CIVIC TYPE-R, REAR	2
B	58559	AIR SPRING, 2B5 RCSD-20 METRIC	2
C	07972	SPACER, UPPER, 10G CIVIC, REAR	2
D	17550	M5-.8 X 16, SOCKET-HEAD CAP SCREW, SS	8
E	21575	O-RING, PARKER 2-206	2
F	03972A	SPACER, LOWER, 10G CIVIC, REAR	2
G	17516	M10-1.5x25 SOCKET-HEAD CAP SCREW, CZ	4
H	17933	M10-1.5X40 HEX CAP SCREW, ZN	2
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Missing or damaged parts? Call Air Lift customer service at (800) 248-0892 for a replacement part.

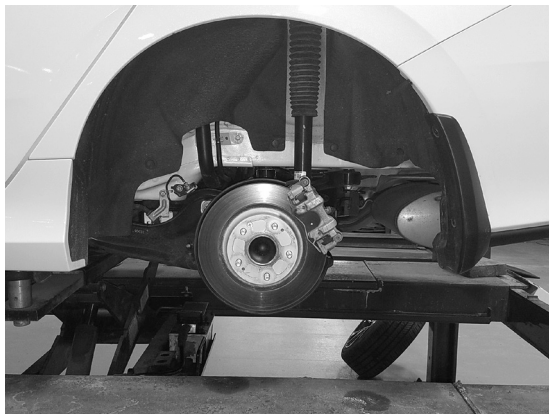
Install the System

**NOTES**

See important safety notices on page 2.

SECTION 1. PREPARE THE VEHICLE

1. Raise the rear of the vehicle with a jack at the approved lifting points and use safety stands to support the vehicle and remove the wheel.

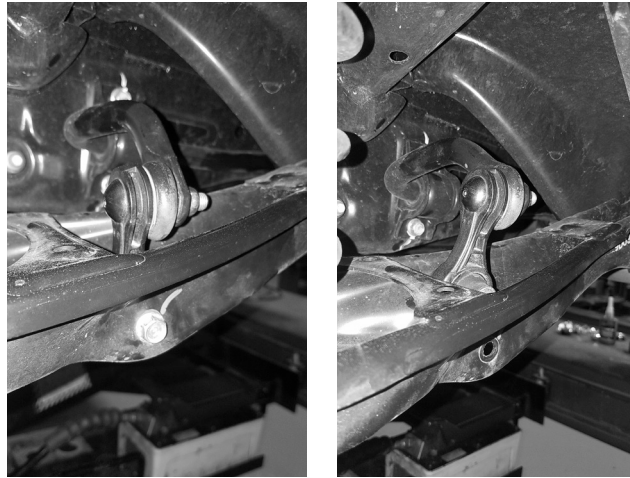


2. Remove inner fender liner.

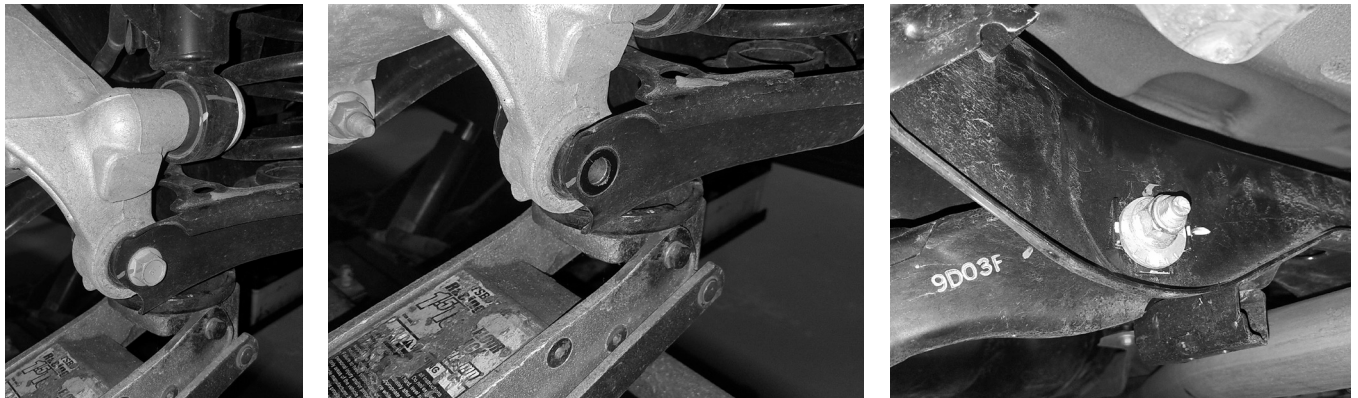


SECTION 2. STOCK SUSPENSION REMOVAL

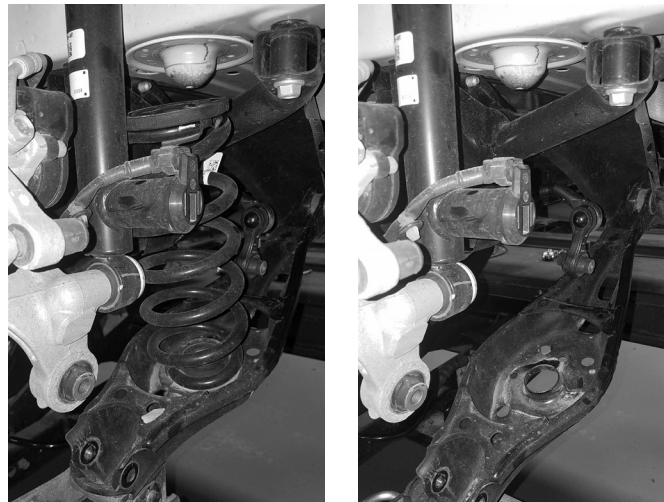
1. Loosen and remove stabilizer link bolt from lower control arm.



2. Support lower control arm with a jack. Loosen and remove lower control arm outer pivot bolt. Loosen lower control arm inner pivot bolt, but do not remove.



3. Lower the jack to release coil spring tension. Remove spring and isolators from the vehicle. Raise lower control arm to the outer pivot joint and reinstall the lower control arm outer pivot bolt. Do not torque the bolt at this time.



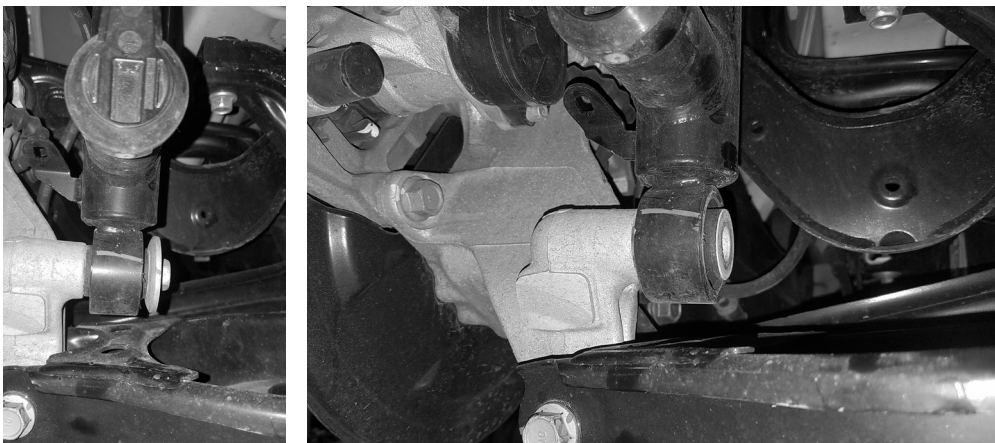
4. Reinstall the stabilizer link and bolt to the lower control arm. Do not torque the bolt at this time.



5. If the vehicle is equipped with adaptive damper system, release the electrical connection from the shock body.



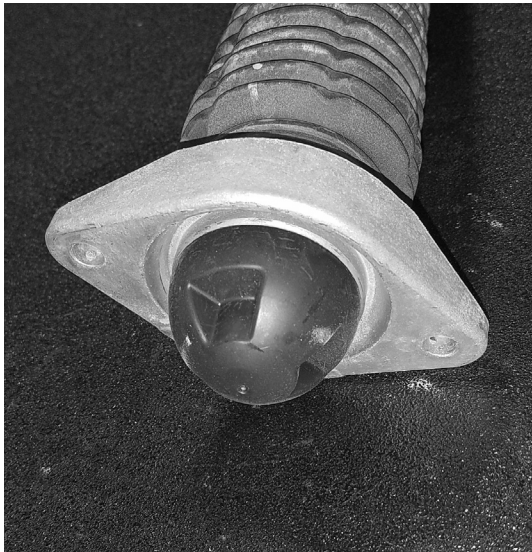
6. Loosen and remove the lower shock mount bolt.



7. Loosen and remove the upper shock mount bolts. Remove the shock from the vehicle.



8. Remove the upper shock mount dust cap. Loosen and remove the upper shock mount nut and separate the upper shock mount from the shock rod. Remove the dust boot and jounce bumper from the upper shock mount.



SECTION 3. INSTALL THE KIT COMPONENTS



PLEASE READ - IMPORTANT INSTALLATION INFORMATION



FOR COIL TO AIR UPGRADE KIT INSTALLATIONS ONLY: Please refer to the included Coil to Air Upgrade Kit installation guide (MN-2000) for details on how to disassemble the coilovers and assemble the air springs.

Also refer to your control system installation guide to ensure the installation of your air suspension system is complete.

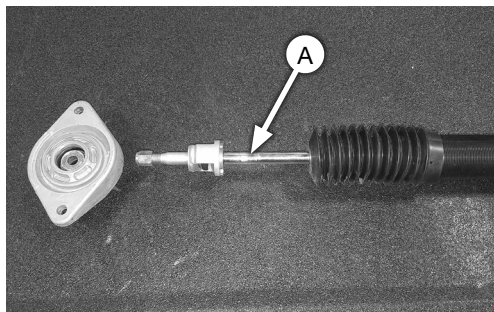


NOTES

All dampers come pre-set to even lengths, and locking collars are pre-tightened. It is always recommended to double-check that the dampers are the same length side to side, and the locking collars are tight.

Please refer to the User Guide included with the kit for any suspension setup adjustments.

1. Install the previously removed upper shock mount on the Air Lift Performance shock (A) using the supplied nylon locking nut. Torque the nut to 30Nm (22 lb.-ft.). Reinstall the upper shock mount dust cover.



2. Insert the upper shock mount into the chassis and install the upper shock mount bolts. Torque the bolts to 40Nm (30 lb.-ft.).



3. Install the lower shock mount on the knuckle with the previously removed bolt. Torque the bolt to 81Nm (60 lb.-ft.).



4. Install the fitting (K or L) in the air spring. Tighten fitting 1 3/4 turns beyond hand-tight. Inner fender liner can be reinstalled.



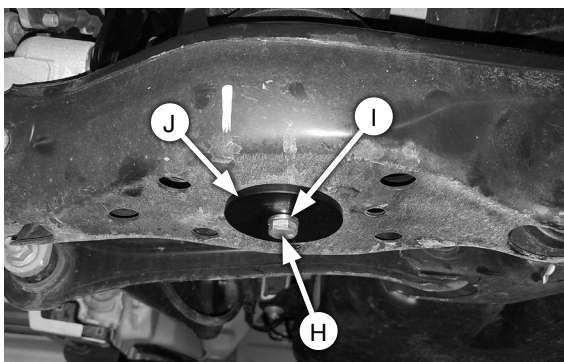
CAUTION

WHEN ROUTING AIR LINES, ROUTE TO THE CONTROL ARM PIVOT POINT BEFORE ROUTING TO CHASSIS FINAL DESTINATION. AVOID SHARP CORNERS AND PINCH POINTS DURING SUSPENSION ARTICULATION, AS MUCH AS POSSIBLE.

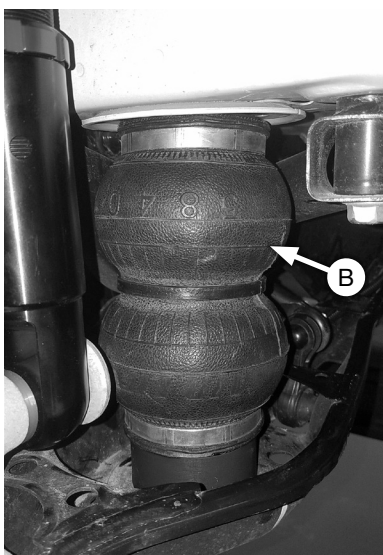
5. Route the air line through the lower control arm to the spring pocket. Install the air line into the fitting and seat the air spring lower spacer (F) into the lower control arm spring pocket.



6. Using the supplied M10-1.5x40 hex-head bolt (H) and M10 split lock washer (I), install the centering spacer (J) through the underside of the lower control arm. Torque the bolt to 30Nm (22 lb.-ft.).



7. The air spring (B) must be seated to the chassis before use. Slowly inflate the air spring to at least 50 PSI (3.4BAR) while guiding it to the chassis.



8. Be sure to torque all loose bolts and reset all bushing suspension pivots after setting vehicle ride height as described in the Air Lift Performance user guide.

SECTION 4. ROUTE THE AIR LINES



WARNING

AFTER INSTALLATION, ENSURE ALL ORIGINAL EQUIPMENT VEHICLE SAFETY FEATURES ARE PROPERLY CALIBRATED BY A QUALIFIED TECHNICIAN. CHANGING VEHICLE HEIGHT MAY AFFECT FUNCTIONING OF SAFETY SENSORS AND CAMERAS.

1. Fully compress the suspension using a jack. With the suspension compressed, review the best routing for the air line that is clear of all suspension components and axle.
2. Routing should allow for the suspension to extend and steer without kinking, pulling the line tight or rubbing on other components. Following the brake line routing is often a good place to start. Check clearances to all other components.



PLEASE READ - IMPORTANT INSTALLATION INFORMATION

Please refer to your control system installation guide for more details on air line routing and to ensure the installation of your air suspension system is complete.

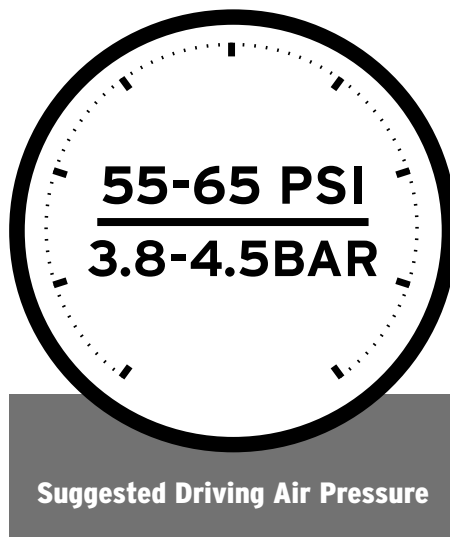
Before Operating

SET THE RIDE HEIGHT

1. Refer to the User Guide supplied with this kit to set up the suspension.

Torque Specifications		
Location	Nm	lb.-ft.
Upper shock mount nut	30	22
Upper shock mount to chassis bolts	40	30
Lower shock mount bolt	81	60
Centering spacer bolt	30	22
Lower control arm outer pivot bolt	69	51
Lower control arm inner pivot bolt	93	69
Stabilizer link bolt	40	30
Lugnuts	108	80

2. Upon successful completion of the installation, follow these pressure requirements for the air springs.



CAUTION

FAILURE TO MAINTAIN ADEQUATE MINIMUM PRESSURE (OR PRESSURE PROPORTIONAL TO LOAD) MAY RESULT IN EXCESSIVE BOTTOMING OUT AND **WILL VOID THE WARRANTY.**

CHECK FOR BINDING



CAUTION

MAKE SURE THE FRONT WHEELS ARE STRAIGHT WHEN DEFLATING AND REINFLATING AIR SPRINGS.

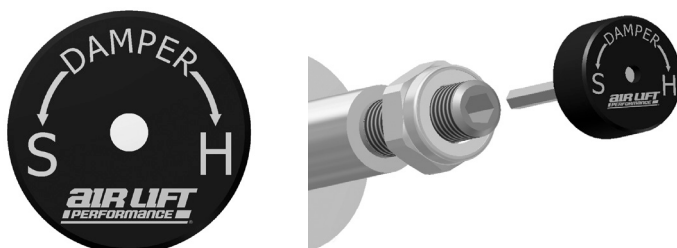
1. Inflate and deflate the system (do not exceed 8.6BAR [125 PSI]) to check for clearance or binding issues. With the air springs deflated, check clearances on everything so as not to pinch brake lines, vent tubes, etc. Clear lines if necessary.
2. Inflate the air springs to 5.2-6.2BAR (75-90 PSI) and check all connections for leaks.

INSTALLATION CHECKLIST

- ☐ **Clearance** – Inflate the air springs to 5.2-6.2BAR (75-90 PSI) and make sure there is at least 13mm (1/2") clearance from anything that might rub against the air spring. This should be checked with the air spring fully inflated and fully deflated.
- ☐ **Leak** – Inflate the air springs to 5.2-6.2BAR (75-90 PSI) and check all connections for leaks. All leaks must be eliminated before the vehicle is road-tested.
- ☐ **Heat** – Be sure there is sufficient clearance from heat sources, at least 152mm (6") from air springs and air lines. If a heat shield was included in the kit, install it. If there is no heat shield, but one is required, call Air Lift customer service at **(800) 248-0892**.
- ☐ **Fastener** – Recheck all bolts for proper torque.
- ☐ **Road** – Inflate the air springs to recommended driving pressures (see previous page). Drive the vehicle 16km (10 miles) and recheck for clearance, loose fasteners, and air leaks.
- ☐ **Operating instructions** – If professionally installed, the installer should review the operating instructions with the owner. Be sure to provide the owner with all paperwork that came with the kit.

DAMPING ADJUSTMENT

1. The dampers in this kit have 32 settings, or "clicks," of adjustable compression and rebound damping characteristics. Damping is changed through the damper rod using the supplied adjuster (example shown here) or a 3mm hex key (not included).



2. Turn the adjuster clockwise (H), and the damping settings are hardened, reducing oscillations and body motion. Turn the adjuster counterclockwise (S), and the damping is softened.
3. Each damper will need to be set after installation and your initial drive, as they are not pre-set. It may take multiple adjustments to dial in your ideal ride. A good starting point is in the middle at 16 clicks from full soft, then drive the vehicle and make adjustments either softer or stiffer.

For more information, refer to the user guide.

Thank you for purchasing Air Lift Performance products!

Need Help?

Contact Air Lift Company Customer Service at
(800) 248-0892 or +1 (517) 322-2144 for calls
from outside the U.S. and Canada.



Connect by searching for **Air Lift Performance** #LifeonAir

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