AIR LIFT PERFORMANCE®

INSTALLATION GUIDE

15-20 Honda Accord (9th GEN)
13-17 Acura TLX (1st GEN)

REAR APPLICATION

Kit 76514

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.

MN-2514 • (012506) • ERN 10188

Protect your Air Lift Performance Purchase by Completing your Warranty Registration

Thank you for purchasing an Air Lift Performance product!

Take a photo of your sales receipt and then scan the QR code to complete your online warranty registration.

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Introduction

Air Lift Performance thanks you for purchasing the most complete, fully engineered high-performance air suspension made for the 15-20 Acura TLX (1st Gen), 13-17 Honda Accord Coupe & Sedan, all powertrains (9th Gen). 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.

System Overview

HARDWARE CONTENT

Item	Part #	Description	Qty
A	35736	ASM, Strut, 9th Accord, Rear	2
B	20997	Leader Line, 1/4" ID	2
C	21810	UN, 1/4" FNPT X 1/4" PTC, DOT	2
D	21987	UN, 1/4" FNPT X 3/8" PTC, DOT	2

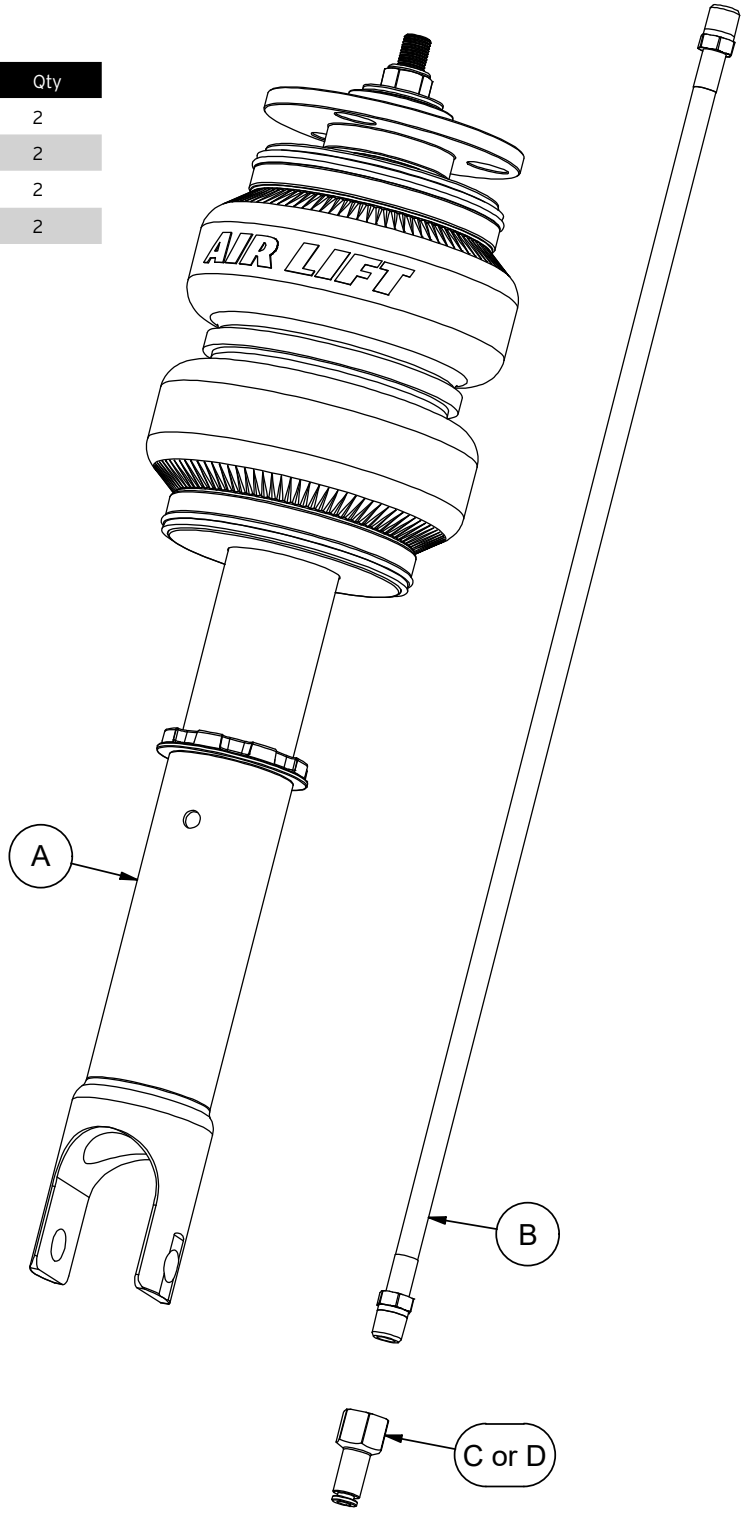


Fig. 1

STOP! Missing or damaged parts? Call Air Lift customer service at (800) 248-0892 for a replacement part.

Install the System

NOTE *See important safety notices on page 2.*

SECTION 1. PREPARE THE VEHICLE

1. Elevate and support the vehicle with a hoist or jack stands.
2. Remove the rear wheel and support the hub assembly (Fig. 2).

Fig. 2

SECTION 2. STOCK SUSPENSION REMOVAL

1. On 2-door models (shown in Fig. 3), use a flat blade screwdriver to remove the plastic covers from the rear parcel shelf exposing the upper mounting nuts.

2-door Model shown here

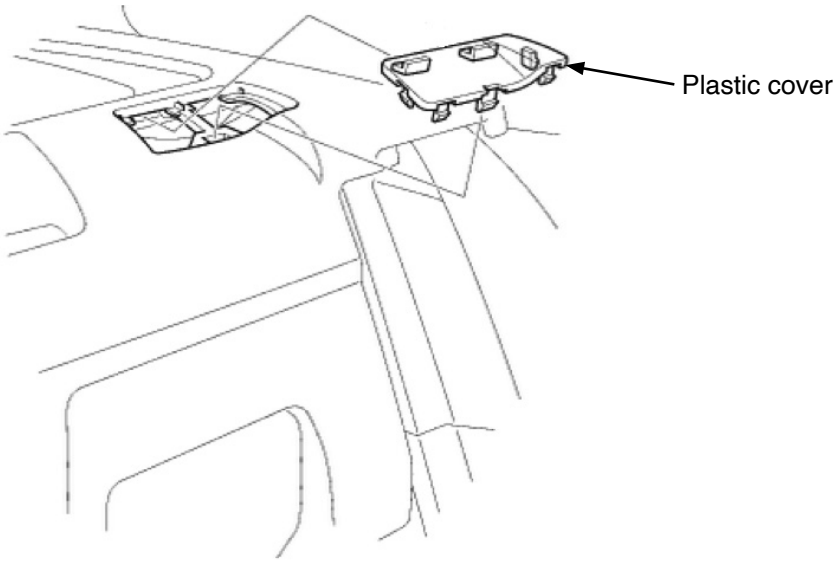


Fig. 3

2. On 4-door models (shown in Fig. 4), fold the rear seat back down and locate cover. On hybrid models, remove the rear seat to locate the cover. Lift up the tab and using a flat blade screwdriver, release the hooks underneath the cover. Remove the plastic covers to expose the upper mounting nuts.

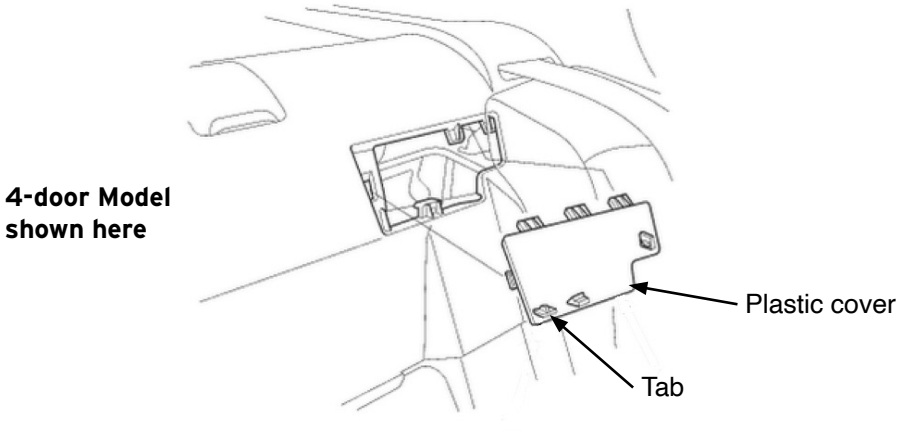


Fig. 4

3. Unthread and remove the two upper mounting nuts (Fig. 5).

Fig. 5

4. Loosen all four pivot point bushings connecting the control arms to the subframe. Figures 6 and 7 are the two rear-most control arm pivot points. Figure 8 indicates the two forward-most control arm pivot points. Loosening these pivot points will allow the suspension to droop enough to remove the shock assembly.

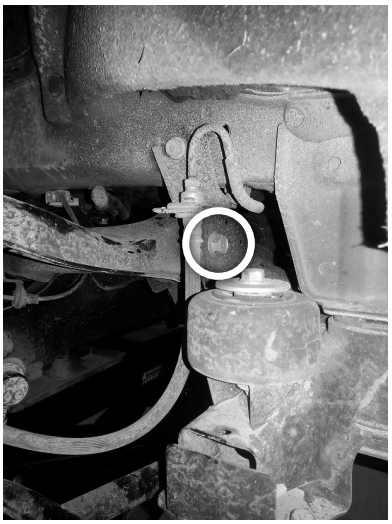


Fig. 6

Fig. 7

Fig. 8

5. Remove the sway bar end link from the knuckle and set the brake line bracket aside (Figs. 9 & 12). Then remove the shock lower mounting bolt (Figs. 10 & 11).

Fig. 9

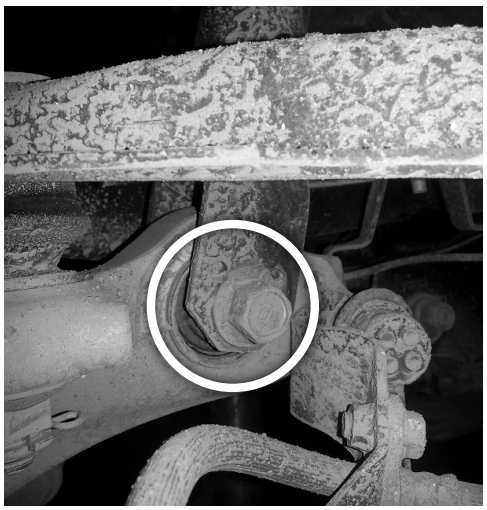


Fig. 10

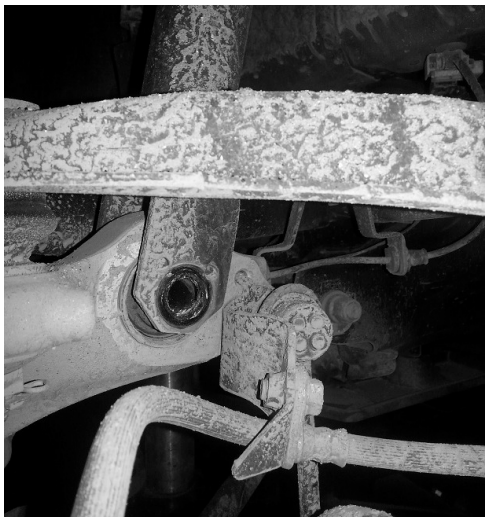


Fig. 11

Fig. 12

6. Lower the suspension and remove the shock assembly (Fig. 13).

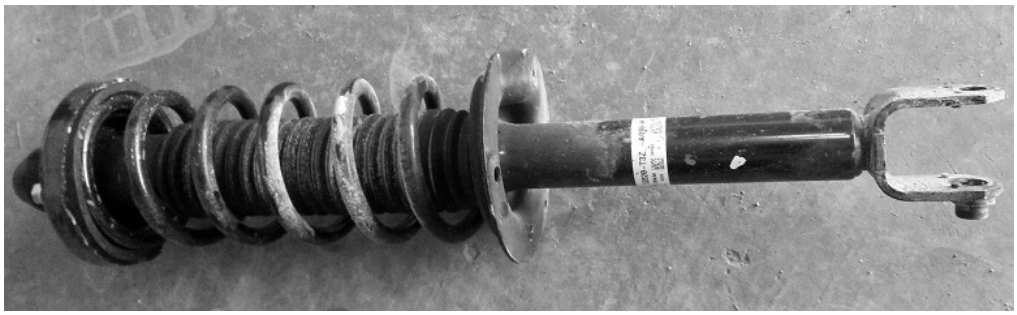


Fig. 13

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. Begin by installing the leader line into the air spring. Tighten the appropriate fitting to the air line (1 3/4 turns beyond hand-tight). Tighten the leader line into the air spring 1 3/4 turns beyond hand-tight. (Fig. 14)

**representative airstrut shown*

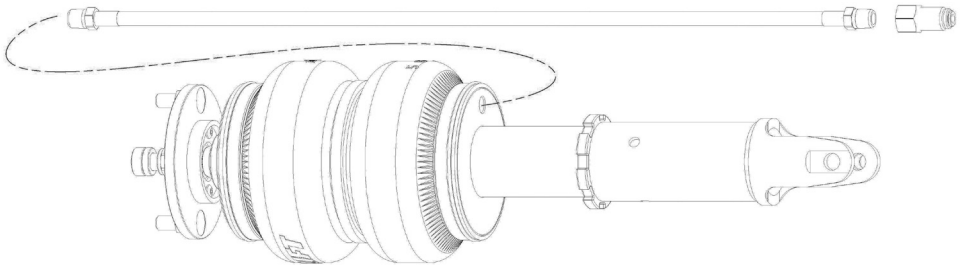


Fig. 14

2. Attach the shock upper mount to the chassis and torque the nuts to 55Nm (41 lb.-ft.) (Fig. 15).

Fig. 15

3. Align the lower mount with the bushing and insert the previously removed bolt (Fig. 16). Tighten snugly, but do not torque the lower bushing bolt at this time. The bolt must be torqued at the desired ride height.

Fig. 16

4. Re-install the sway bar end link and brake line bracket to the knuckle and torque to 44Nm (32 lb.-ft.) (Fig. 17).

Fig. 17

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 and steering components.
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 mount nuts	55	41
Lower shock bolt	64	47
Control arm inner pivot bolts	59	44
Stabilizer link nut	44	32
Wheel nuts	108	80
Braided air line threads	1 3/4 turns beyond hand-tight	

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.

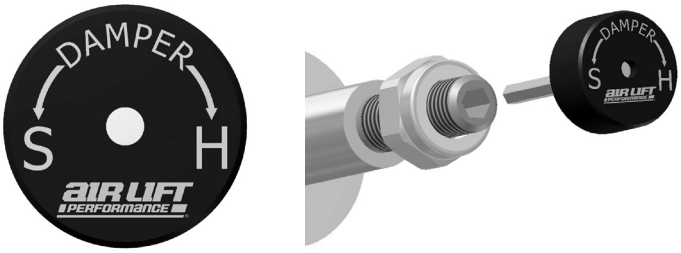
2. Inflate the air springs to 5.2-6.2BAR (75-90 PSI) and check all connections for leaks.

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.

Limited Warranty and Return Policy

Air Lift Company provides a limited warranty to the original purchaser of Air Lift Performance Air Suspension kits from the date of original purchase, that the products will be free from defects in workmanship and materials when used on cars and trucks as specified by Air Lift Company and under normal operating conditions, subject to the requirements and exclusions set forth in the full Limited Warranty and Return Policy.

* Full Limited Warranty and Return Policy are available at www.airliftperformance.com/warranty and are subject to change.

WARRANTY REGISTRATION & CLAIMS

- To register your warranty, please visit https://www.airliftperformance.com/support/warranty-registration/
- To submit a warranty claim, please visit https://www.airliftperformance.com/support/submit-warranty-claim/

Thank you for purchasing Air Lift Performance products!

Need Help?

The Air Lift Company customer service department is open from 8 a.m. to 8 p.m. ET Monday through Friday. Call (800) 248-0892 or +1 (517) 322-2144 for calls from outside the U.S. and Canada.

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2727 Snow Road Lansing, MI 48917 or P.O. Box 80167 Lansing, MI 48908-0167
Toll Free (800) 248-0892 • Local (517) 322-2144 • Fax (517) 322-0240
www.airliftperformance.com

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