



INSTALLATION GUIDE



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

FRONT APPLICATION

Kits 76025/76026/76047

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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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) and 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.

System Overview

HARDWARE CONTENT

76025

Item	Part #	Description	Qty
A	35770	STRUT ASSEMBLY, 10G CIVIC, RF*	1
B	35771	STRUT ASSEMBLY, 10G CIVIC, LF*	1
C	20998	LEADER LINE, 1/8" NPT	2
D	21667	1/8" FNPT X 1/4" PTC FITTING, DOT	2
E	21994	1/8" FNPT X 3/8" PTC FITTING, DOT	2
F	76025-001	END LINK, 10G CIVIC PAIR	1

*Lower Mount Diameter: 51.9mm

76026

Item	Part #	Description	Qty
A	35783	STRUT ASSEMBLY, 10G CIVIC SI, RF*	1
B	35784	STRUT ASSEMBLY, 10G CIVIC SI, LF*	1
C	20998	LEADER LINE, 1/8" NPT	2
D	21667	1/8" FNPT X 1/4" PTC FITTING, DOT	2
E	21994	1/8" FNPT X 3/8" PTC FITTING, DOT	2
F	76025-001	END LINK, 10G CIVIC PAIR	1

*Lower Mount Diameter: 53.7mm

76047

Item	Part #	Description	Qty
A	35797	STRUT ASSEMBLY, 10/11G CIVIC, RF*	1
B	35798	STRUT ASSEMBLY, 10/11G CIVIC, LF*	1
C	20998	LEADER LINE, 1/8" NPT	2
D	21667	1/8" FNPT X 1/4" PTC FITTING, DOT	2
E	21994	1/8" FNPT X 3/8" PTC FITTING, DOT	2
F	76025-001	END LINK, 10G CIVIC PAIR	1

*Lower Mount Diameter: 50.3mm

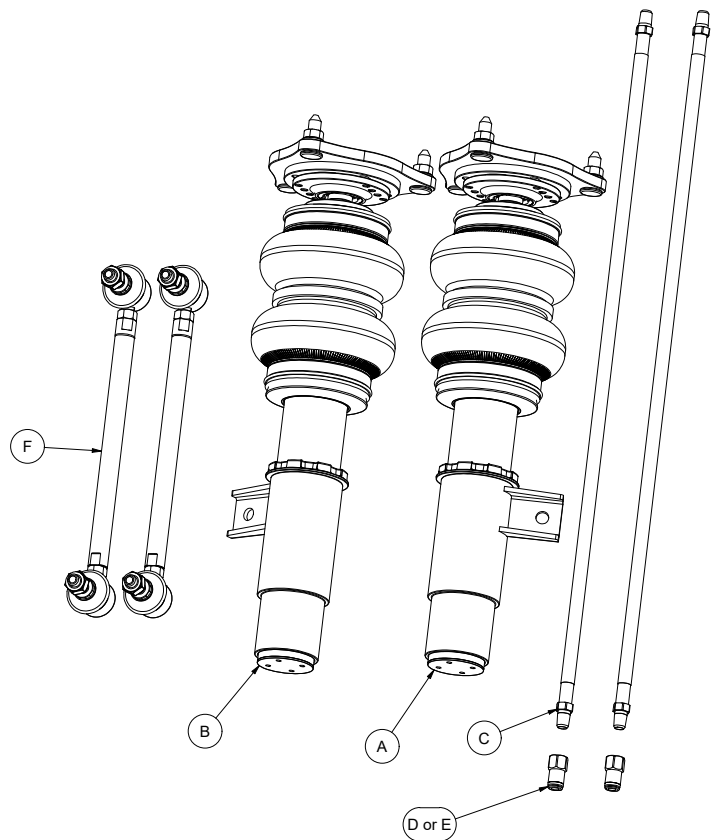


Fig. 1



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

Install the System

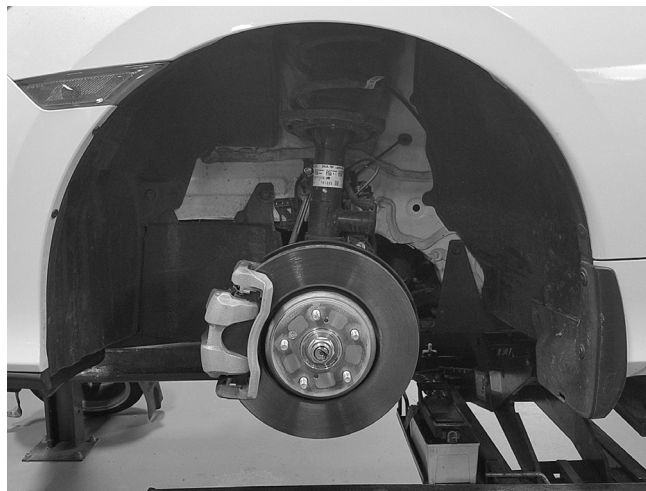


NOTES

See important safety notices on page 2.

SECTION 1. PREPARE THE VEHICLE

1. Elevate and support the vehicle with a hoist or safety stands.
2. Remove the front wheel and support the lower control arm with a jack.



SECTION 2. STOCK SUSPENSION REMOVAL

1. Remove stabilizer link nut from strut tab and stabilizer bar. Remove stabilizer link from vehicle.



2. If the vehicle is equipped with adaptive damper system, disconnect the damper connection from the strut.



3. Remove the brake hose retaining bolt.



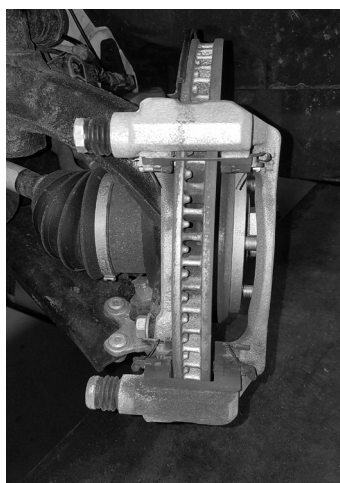
4. Remove the wheel speed sensor wire from the retainer on the strut.




CAUTION

SUPPORT THE BRAKE CALIPER DURING REMOVAL TO AVOID DAMAGE TO THE BRAKE HOSE.

5. Loosen and remove the brake caliper bolts. Remove the brake caliper from the caliper mount.



6. Use a punch to push out the staked section of the spindle nut shoulder. Remove the front driveshaft spindle nut.



7. Remove the tie rod nut cotter pin. Loosen tie rod end nut and separate the tie rod end from the steering knuckle.

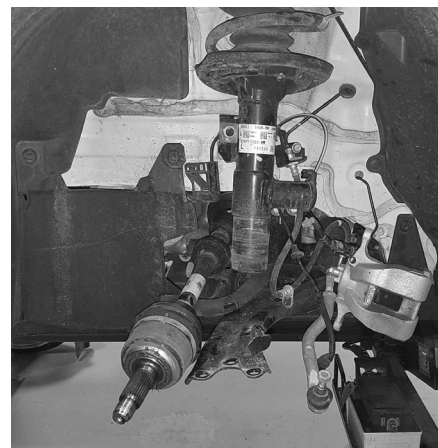
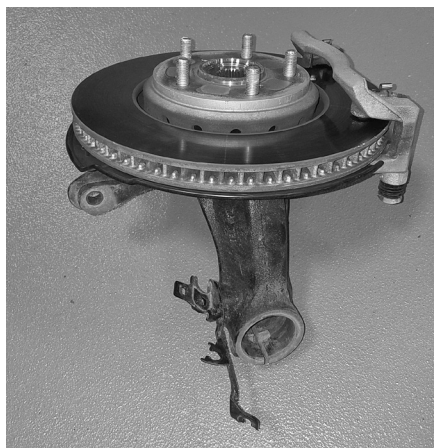


8. Remove the retaining nuts from the lower ball joint to the lower control arm. Separate the lower ball joint from the lower control arm.


CAUTION

DO NOT PULL THE DRIVESHAFT END OUTWARD WITH THE STEERING KNUCKLE AS IT CAN DAMAGE THE INNER DRIVESHAFT JOINT.

9. Support the steering knuckle in preparation to remove it from the vehicle. Loosen and remove the damper pinch bolt. Pull the steering knuckle outward while separating the front driveshaft from the hub. Slide the steering knuckle down off the damper body and remove it from the vehicle.



10. Remove the strut upper mount nuts and remove the strut from the vehicle.



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.

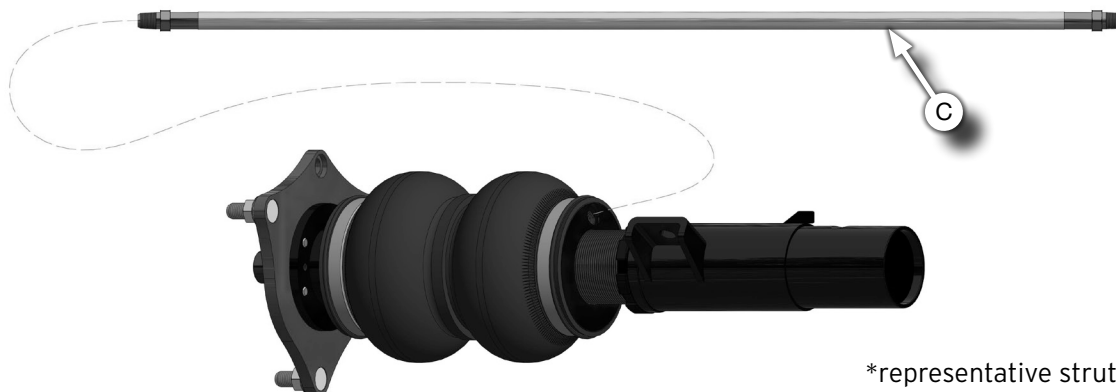


NOTES

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 (C) into the air spring. Tighten the appropriate fitting (D or E) to the leader line (1 3/4 turns beyond hand-tight). Tighten the leader line into the air spring 1 3/4 turns beyond hand-tight.



*representative strut shown

2. Insert the Air Lift Performance strut upper mount into the chassis and install the upper mount nuts. Ensure left-hand (B) and right-hand (A) struts are installed in the correct side. Torque the nuts to 75Nm (55 lb.-ft.).



3. Reinstall the steering knuckle by sliding it over the lower strut mount and installing the damper pinch bolt. Torque the damper pinch bolt to 80Nm (58 lb.-ft.).



4. Pull the steering knuckle outward and insert the front driveshaft through the hub. Reinstall the front driveshaft spindle nut. Do not torque the nut at this time.



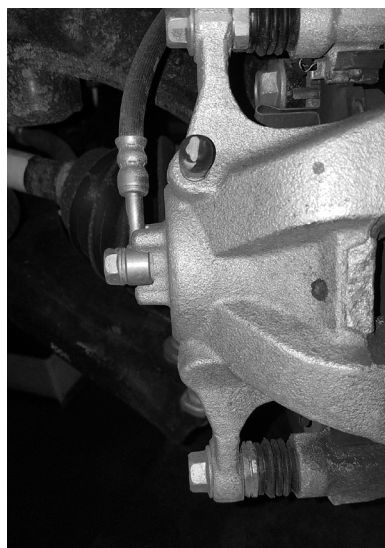
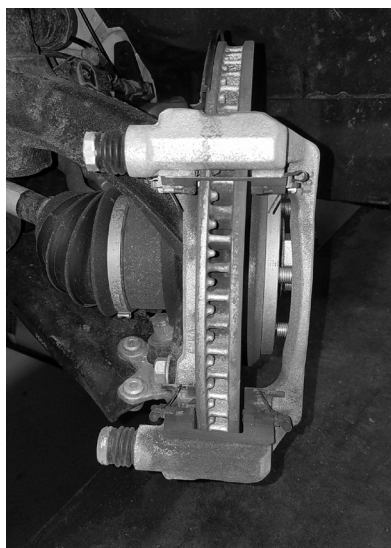
5. Insert the lower ball joint studs through the lower control arm. Install the lower ball joint retaining nuts and torque them to 64Nm (47 lb.-ft.).



6. Connect the tie rod end to the steering knuckle. Install the nut and torque to 54Nm (40 lb.-ft.). Install a new cotter pin.



7. Reinstall the brake caliper on the brake caliper mounting bracket. Insert the bolts and torque them to: non-SI - 34Nm (25 lb.-ft.), SI - 50Nm (37 lb.-ft.).



8. Reinstall the brake hose retaining bolt and torque it to 22Nm (16 lb.-ft.). Place the ABS sensor wire back into the retainer.



9. Install the provided Air Lift Performance end link (F) onto the stabilizer bar and strut body tab. Torque the nuts to 64Nm (47 lb.-ft.).



10. Torque the front driveshaft spindle nut at this time.
 - 1.5L Engine - 245Nm (181 lb.-ft.)
 - 2.0L Engine - 181Nm (133 lb.-ft.)
11. Using a punch, stake the spindle nut shoulder against the keyway in the axle.

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.

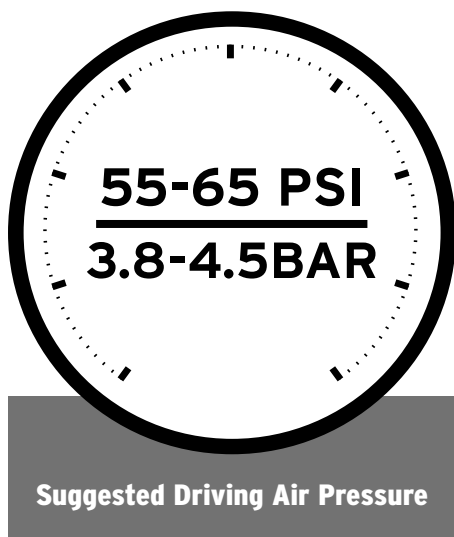
Before Operating

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	75	55
Damper pinch bolt	80	58
Lower ball joint nuts	64	47
Tie rod end nut	54	40
Brake caliper bolts		
Non SI	34	25
SI	50	37
Brake hose retainer bolt	22	16
Front driveshaft spindle nut		
1.5L engine	245	181
2.0L engine	181	133
Stabilizer link nuts	64	47
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.

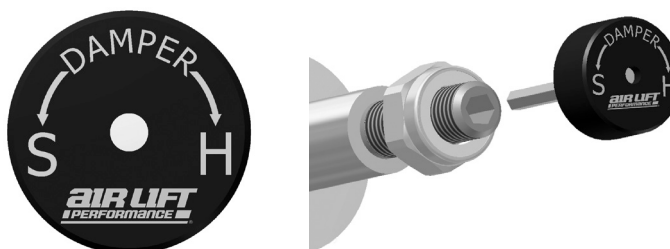
1. Inflate and deflate the system (do not exceed 8.6BAR [125 PSI]) to check for clearance or binding issues. With the air springs deflated, check clearances on everything so as not to pinch brake lines, vent tubes, etc. Clear lines if necessary.
2. Inflate the air springs to 5.2-6.2BAR (75-90 PSI) and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