

ReadyLift® (Part# 69-8010)

2003-2008 Honda Pilot FWD/4WD Installation Instructions

2"Front/2" Rear

Please read instructions thoroughly and completely before beginning installation.
Installation by a trained mechanic is recommended.

SAFETY WARNING: ReadyLift Suspension Inc. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING: Modifying your vehicle ride height may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. ReadyLift Suspension Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift Suspension Inc. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

Bill of Materials

<u>Description</u>	<u>Qty</u>
Driver side strut extension, front	1
Passenger side strut extension, front	1
Sway bar end link, front	2
M10 x 1.25 flange nut	6
1.25" coil spacer, rear	2
Adjustable camber arm, rear (67290)	2



1.

Open the hood and set at highest setting. Remove the front wheels. Starting on the driver side.



2.

Use a flat screwdriver to remove windshield wiper access panels. Remove the three 14mm upper strut nuts.



3.

Remove the brake line support bracket using a 12mm wrench.



4.

Use a 10mm wrench and remove the ABS line support bracket bolt.

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5.

Unbolt and remove the front sway bar end link. You will not reuse this part.



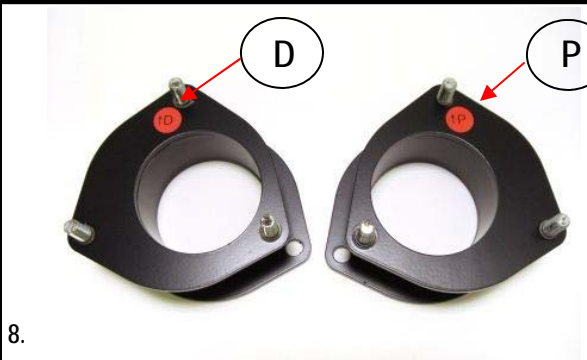
6.

A 24mm wrench and socket will be needed to remove the lower strut mounting bolts.



7.

Carefully remove the strut from the vehicle making sure not to drop it on the outer CV boot. Tilting the knuckle towards the rear of the vehicle will make removal easier.



8.

Please note that the ReadyLift strut extensions are driver side and passenger side specific. Arrow points toward front of vehicle



9.

Install the Readylift strut extension using the OEM hardware. Tighten to nuts to 30 lb-ft.



10.

Install strut back into factory location, install nuts supplied with kit but leave loose.

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11.

Insert the knuckle into the lower strut mount. A C-Clamp may be needed to align the mounting holes. Insert the OEM hardware and tighten to 200 lb-ft.



12.

Tighten the three upper strut mounting nuts (14mm) 30 lb-ft.



13.

Install the supplied sway bar end link. Tighten to 85 lb-ft. Reinstall the brake line support bracket and ABS line support bracket using the OEM hardware.

Repeat Steps 1-13 on opposite side. Be sure to double check that all fasteners are to factory torque specifications. Reinstall the front wheels and tighten lug nuts to factory specifications.

If vehicle is on a two post lift continue to the next step. **REAR INSTALLATION**

If vehicle is on jack stands, lower the vehicle to the ground. Chock the front wheels to prevent a rollout, 14. lift the rear of the vehicle by the frame and support with jack stands. Please consult your owners manual for the proper locations to support your vehicle.



15.

Remove the two 10mm bolts that hold the ABS line support



16.

Unbolt the lower sway bar end link with a 14mm socket.

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17.

Support the lower control arm with a jack. Remove the rear upper shock mounting bolt.



18.

Remove the nut and cotter pin from the outer ball joint end of the upper arm and break the taper using a tie rod end separator.



19.

Remove the bolt on the body end of the arm and remove the stock arm. Make sure that both ends of the EZ Arm have equal thread showing on both sides of the turnbuckle.



20.

Adjust the EZ Arm to the same length as the stock arm. Install the arm by first installing the bolt at the body, but DO NOT TIGHTEN. Install the ball joint end into the knuckle using the OEM nut and cotter pin.



21.

Remove the bolt that connects the lower control arm to the knuckle.



22.

Lower the jack then remove the coil. Be sure to mark where the spring seat is on the lower control arm. You may need to loosen the cam bolt at the frame.

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23.

Use a 14mm socket and extension to remove the rear bump stop bracket.



24.

The ReadyLift rear coil spacer will mount in the factory coil bucket.



25.

Reinstall the bump stop and bracket with the ReadyLift coil spacer on top.



26.

Push down on the lower control arm and install the coil. Make sure that the coil is properly seated in the lower control arm.



27.

Use a jack to raise the lower control arm, align the mounting holes and install the OEM bolt. Tighten to 117 lb-ft.

Reinstall the shock.

Repeat steps 15-28 on opposite side. Once opposite side is completed reconnect the lower sway bar end links, tighten to 42 lb-ft. Install the rear wheels, lower vehicle to the ground. Tighten the EZ Arm bolt at the body to 117 lb-ft on both sides. Be sure to double check that all hardware is tightened to factory specifications. Alignment is required on both 28. front and rear. Use factory specifications.

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Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment. Alignment is required on both front and rear. Use factory specifications

*It is recommended that you have your vehicle's alignment checked whenever installing suspension parts.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.



After ReadyLift® 69-8020 SST Lift kit. 265/65R17 Nitto Terra Grapplers on 17x8.5 +30 offset AR Fuel. Minor trimming needed.

Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles.

Take time to familiarize yourself with the handling of your vehicle.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

DRIVE SAFELY & WEAR YOUR SEATBELT.

Warning! This ReadyLift® 69-8010 Kit is designed and engineered to lift a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leafs, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift®.