



1999-2004 1.5 inch lift kit installation guide

Professional installation is recommended

IMPORTANT!

Lifting and modifying the suspension on your vehicle may result in drive line vibrations, damaged bushings, erratic handling characteristics, and shortened suspension component life. HRG Offroad recommends the following:

- Checking and/or replacing worn drive axles with new parts, not remanufactured.
- Checking and/or replacing all worn factory rubber bushings with urethane bushings, such as Prothane.
- Checking and/or replacing worn shock absorbers and bump stops.
- Performing a 4 wheel alignment after working on suspension components.

Lift kits may not be legal for use on public highways in your area. Please check local laws before installing!!

WARNING!

Lifted vehicles are more prone to rolling over.

Some HRG Offroad products are designed to improve off-road capabilities. Modifying the suspension of your vehicle may result in handling characteristics that are different from a factory equipped vehicle. Extreme care must be used to prevent a rollover or loss of control. Always operate your modified vehicle at a reduced speed to ensure your ability to maintain control under all driving conditions. Driving your vehicle in an unsafe manner may result in serious injury or death. HRG Offroad lift kits are designed and tested to work together. HRG Offroad does not recommend combining this lift kit with any other type of suspension or body lift. Always wear your seat belt.

Included in the kit:

- 2 1.5" front lift spacers 5323
- 2 1.0" rear lift spacers 5301
- 6 M10x25mm grade 10.9 bolts
- 2 sway bar end links for lifted application
- 2 Camber adjustment bolts (optional)

Tools required:

Jack, lug wrench, jack stands, socket extension, 12, 14, 18 and 21mm sockets, 14 and 18mm wrenches, torque wrench, paint pen.

Front installation:

Step 1. Remove plastic access panels under hood to reach upper strut mounts.

Step 2. Remove nuts holding driver side strut to body, leave one nut on so strut does not fall when lifting vehicle to access bottom bolts.

Step 3. Jack up vehicle and support with jack stands.

Step 4. Remove wheels.

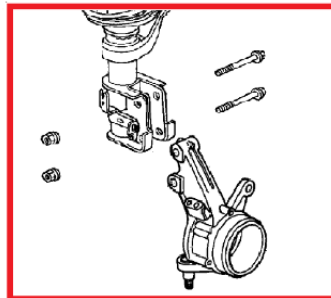
TIP: Installation is made easier by disassembling both left and right side suspension at the same time.

Step 5. Remove ABS lines, if applicable.

Step 6. Disconnect and remove sway bar links. (these will be replaced with shorter links)

Step 7. Remove bolts connecting strut to hub (see diagram) Save hardware for reinstallation. If installing camber adjustment bolts, only one original bolt from each side will be reused. (see diagram included with camber bolts)

2003-2015 PILOT
1999-2017 ODYSSEY
2006-2014 RIDGELINE
2007-2013 ACURA RDX
FRONT STRUT DIAGRAM
(C) HRG OFFROAD 2022

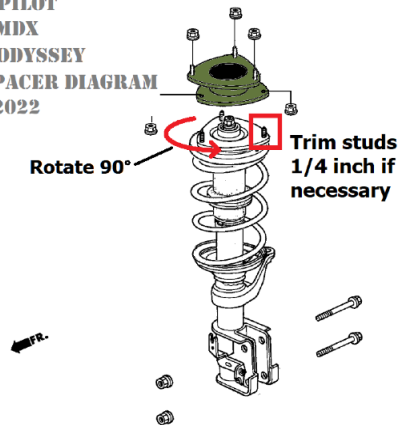


Step 8. Using a length of wire, or large zip ties, secure wheel hub so as to prevent axle shaft from slipping out of inner joint.

Step 9. Remove strut

Step 10. Install spacer onto strut using original hardware.

2006-2022 HONDA RIDGELINE
2003-2022 HONDA PILOT
2001-2019 ACURA MDX
1999-2016 HONDA ODYSSEY
1.5 INCH FRONT SPACER DIAGRAM
(C)HRG OFFROAD 2022



Step 11. Reinstall strut in reverse order, using supplied hardware (M10x25) to bolt strut to body.

Step 12. Install new sway bar end link.

Step 13. Repeat steps 2-12 for passenger side.

Step 14. Double check all bolts

Step 15. Reinstall wheels and lower vehicle

Rear installation:

TIP: remove sway bar (if applicable) or disassemble suspension on both sides before installing spacers.

Step 1. Jack up vehicle and support with jack stands.

Step 2. Remove wheels.

Step 3. Remove bolts holding shocks to lower control arm.

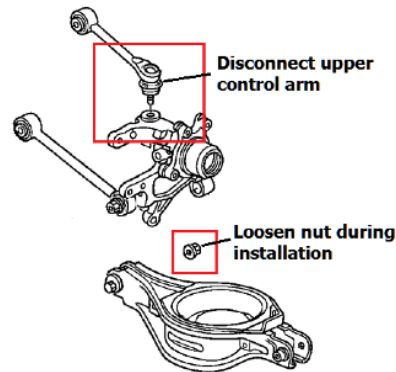
Step 4. Remove cotter pin and nut holding upper control arm to hub. Save hardware.

Step 5. Shock upper ball joint with large hammer to release it from hub. Take care not to damage the threads on the ball joint. (See diagram below.)

Step 6. Loosen bolts connecting lower arms to subframe to allow lower arms to drop down. (See diagram below.)

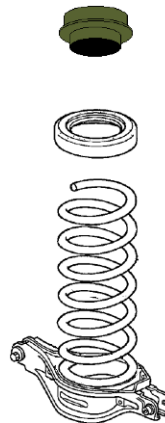
Note: Take care not to allow the axles to separate from the inner joint.

**2003-2008 PILOT
1999-2016 ODYSSEY
2001-2006 MDX
REAR SPRING DIAGRAM
(C) HRG OFFROAD 2022**



Step 7. Install spacer on the top of the spring, between the spring and the spring seat. re-use rubber spring isolator. (See diagram below)

**2003-2008 PILOT
1999-2016 ODYSSEY
2001-2006 MDX
REAR SPRING DIAGRAM
(C) HRG OFFROAD 2022**



Step 8. Using a floor jack, compress spring by lifting on the lower arm until the upper control arm can be reinstalled. (re-use original hardware unless installing adjustable upper control arms.)

Step 9. Reinstall lower shock bolts.

TIP: do not fully tighten control arm bolts until vehicle is resting on the ground (this will help prolong bushing life)

Step 10. Reinstall wheels and lower vehicle.

Step 11. Tighten lower control arm bolts at this time.

Step 12. Referring to factory service manual, torque all bolts to spec and mark with paint pen once completed.

Step 13. Get a professional alignment.

Note: Installing lift spacers will change the suspension geometry and will require a 4 wheel alignment, and possibly front/rear camber correction kits.

Warning: Failure to follow the procedures in these installation instructions may result in unsafe handling characteristics, damage to vehicle, or loss of control.

For tech support, please call 1-844- HRG LIFT (474-5438) from 8-4:30 PM EST Mon-Thu 8-3:30 PM Fri or email us 24/7 at support@hrgoffroad.com.

This product is intended for off-road use only!!

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