



CARRY

1.5" 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 Off-road 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.

Recommended tire/wheel sizes:

Stock:	145/80R12 (21.1")
+5"	155/70R13 (21.5")
+1"	175/65R13 (22")
+1"	185/55R14 (22")

Be sure to check fitment prior to installation! These sizes are only suggestions. HRG is not responsible for improperly fitted wheels/tires!

Included in the kit:

2 1.5" (38mm) offset lift spacers (1 Left 1 Right) 5790
2 Rear spring shackles 5171
6 M8 nuts (front spacers)
4 M10x90 bolts (rear shackles)
4 M10 bolt sleeves (rear shackles)
4 M10 nuts (rear shackles)
2 rear shock extension brackets
2 M12x60 bolts
2 M12 nuts

Approximate installation time: 1-1.5 hours

Skill level: *EASY*

Install Video



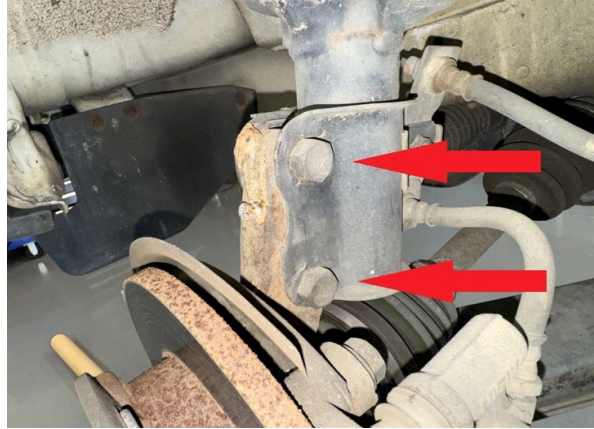
Front installation:

Parts required: 2 front spacers, 6 nuts

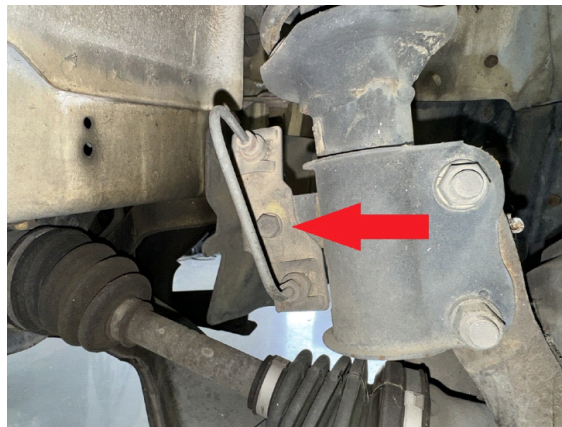
Tools required: Floor jack, Impact gun, 3/8" ratchet, 12mm socket, 14mm socket, 17mm socket, 17mm wrench, torque wrench.

Step 1. Lift vehicle and remove wheels.

Step 2. Remove 2 17mm bolts holding left side (passenger side) strut to wheel hub.



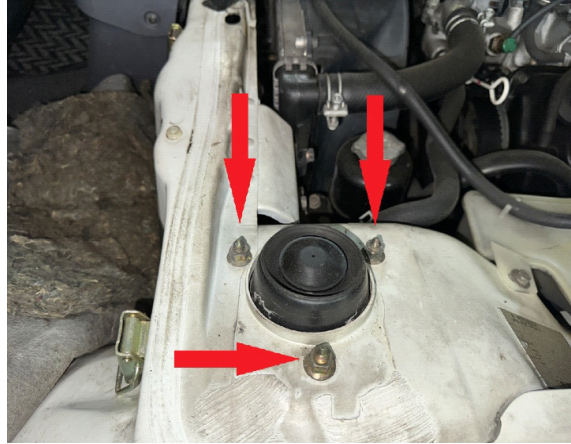
Step 3. Remove 12mm bolt holding brake lines to strut.



Step 4. Pull back carpet and lift up the bottom of the passenger side seat. Pull forward and up to remove seat bottom.



Step 5. Remove 3 12mm nuts holding strut to shock tower. Save hardware.



Step 6. Remove strut.

Step 7. Place spacer on top of strut and attach with original hardware saved from step 5.



Step 8. Install spacer/strut combo using hardware provided in the kit. Be sure spacer is oriented as shown!



Step 9. Reinstall seat and carpeting.

Step 10. Reinstall 17mm bolts holding strut to wheel hub.

Step 11. Reinstall 12mm bolt holding brake lines to strut.

Step 12. Repeat steps 2-11 for driver (RIGHT) side

Step 13. Reinstall front wheels.

Rear Installation:

Parts required: 2 extended shackles, 4 M10x90 bolts, 4 M10 nuts, 2 shock extension brackets, 2 M12 nuts, 2 M12x60 bolts.

Tools Required: 3/8 ratchet, 14mm socket, 17mm wrench, 17mm socket, pry bar.

Step 1. Lift vehicle and support with jack stands.

Step 2. Remove rear wheels.

Step 3. Support rear axle with floor jack.

Step 4. Remove nut holding left (PASSENGER) side rear shock to axle, slide shock off of stud.



Step 5. Lower rear axle about 2 inches, taking care not to lower more than that to protect rear brake line.

Step 6. Remove 14mm nuts holding passenger side (LEFT) spring shackle in place, slide OEM shackle out of rubber bushings. It may be necessary to use a pry bar to remove the rear shackles.



Step 7. Slide 2 M10 bolt sleeves through OEM rubber bushings.



Step 8. Push new extended spring shackle over rubber bushings and align bolt holes.

Step 9. Install 2 M10x90 bolts through shackles and bolt sleeves, secure with 2 M10 nuts as shown. Torque bolts to 35 ft-lb.



Step 10. Place shock extension onto shock mounting stud. Reuse OEM hardware.

Step 11. Insert shock into shock extension as shown and secure with M12x60 bolt and M12 nut. Torque

to 55 ft-lb.



Step 12. Repeat installation procedure for driver side (RIGHT).

Step 13. Get a professional alignment.

Note: Installing lift spacers will change the suspension geometry and will require a 4 wheel alignment.

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 EST Mon-Thurs. and 8-3:30 EST Fri. or email us 24/7 at support@hrgoffroad.com.

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

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