

**E-Z-GO 2008-13 RXV Gas 6" Spindle Lift
Installation Instructions
Part# 7212
U.S. Patent 7185901**



ITEM	QTY
A. PASSENGER SIDE SPINDLE	1
B. DRIVER'S SIDE SPINDLE	1
C. REAR SHOCK PLATE PASSENGER SIDE	1
D. REAR SHOCK PLATE DRIVER SIDE	1
E. CAST REAR RISERS	2
F. REAR U-BOLTS	2
G. REAR U-BOLT PLATES	2
H. 1/2" NUTS (NOT PICTURED)	4
I. WARNING LABEL (NOT PICTURED)	1
J. FRONT ENGINE MOUNT	1
K. 3/8" X 2" BOLTS W/ NYLOCKS	2
L. 1 7/8" X 3/4" RUBBER BUSHING FOR MOTOR MOUNT	1
M. 2 1/2" X 1/2" BOLT & LOCK NUT FOR MOTOR MOUNT	1
N. DRIVER SIDE BRAKE CABLE MOUNT (NOT SHOWN)	1

 *Always wear appropriate eye protection!*
Disconnect The Battery!

New ENGINE Mount

FRONT INSTALLATION

1. Raise the front end of the car and place it on jack stands. You will be installing larger wheels and tires so raise the car high enough to accommodate for the additional height.
2. Remove wheels and tires.
3. Remove the tie rod ends from the spindles.
4. Remove the spindles from the front axle. Clean and lubricate these bolts and king pin tube for the reinstallation of the spindles.
5. Install spindles to the front axle using the stock king pin bolts and king pin tube. NOTE: The Passenger side is Item A and the Driver's side is Item B.
6. Lengthen each tie rod approximately 3 to 4 turns.
7. Securely tighten all bolts.
8. Attach the tie rod ends to the new spindles.

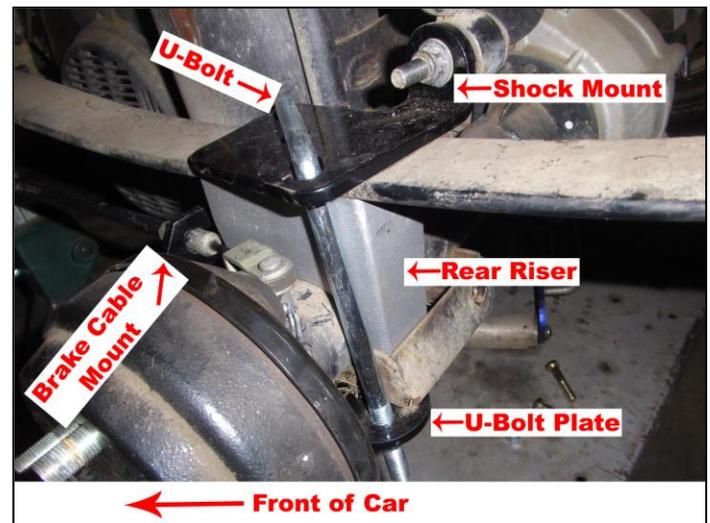


9. Install recommended 22 x 11 x 10 wheels and tires with a 3 x 5" offset for maximum performance and stability.
10. Take the car off of the jack stands and lower the car.
11. After the rear lift is installed drive the car forward 10-20 feet and check the toe-in. (Proper toe-in should be approximately 1/8-1/4".)

REAR INSTALLATION

1. Raise the rear end of the car and place jack stands on the frame in front of the springs. You will be installing larger wheels and tires so raise the car high enough to accommodate the additional height. Place a car jack under the rear differential.
2. Remove the wheels and tires.
3. Place a jack stand under the engine and unbolt the front engine mount from the frame. Place jack stands under the engine to secure.
4. Unbolt the bottom of the shocks.
5. You will need to un-hook rear brake cables and re-route them. We recommend cutting a hole in the driver side of the plastic frame, under the battery (remove battery) as shown for re-routing the driver side brake cable as shown. The passenger side brake cable needs rerouted to give you the length you will need. You do not have to cut the floor on the passenger side only the driver side.
6. Remove the **DRIVER** side brake drum cover from the car. Unbolt the 2 front bolts that are holding the stock brake cable mount to the car. Replace the stock brake cable mount with the newly supplied brake cable mount (Item N) with the stock hardware. Reinstall the stock brake drum cover with the stock hardware.
7. Unbolt the rear leaf springs from the front and rear mounts. Save the bolts for reinstallation.
8. Put the aluminum rear risers (Item E) on top of the axle as shown. **NOTE: The thinner leg of the riser goes towards the rear of the car.**
9. Place the leaf springs on top of the risers and loosely bolt to the stock leaf mounts using the stock hardware.
10. Place rear shock plates (Item C & D) on top of the leaf springs with the shock mount holes facing the rear of the car and towards the center. Using the supplied U-bolts (Item F) & 1/2" nuts (Item H) mount the shock plates to the rear risers with the leaf springs between them. The U-Bolt plates (Item G) mount on the bottom of the assembly as shown. Make sure you tighten these bolts evenly.
11. Attach the bottom of the shocks to new shock mounts on the rear shock plates using the supplied nuts and bolts (Item K).
12. Bolt the new supplied engine mount (Item J) to the stock engine mount location on the frame using the supplied hardware (Items L & M).
13. Using the stock or supplied engine mount bolt, stock washers, & stock retainers bolt the new drop engine mount to the stock mount from the engine assembly as shown. ****BARELY SNUG Engine MOUNT DO NOT OVERTIGHTEN**** Rubber Mount should spin freely.
14. Reinstall brake cables to brake cable mounts. Securely tighten all bolts at this time.
15. Install recommended wheel and tire size 22 x 11 x 10 or 23x10.5x12 wheels and tires with a 3 x 5" offset for maximum performance. **NOTE: Your stock wheels and tires will not work!**
16. Included is a warning label (Item I) which is to be placed on the steering column or another visible area and is to be read by all operators.

DRIVER SIDE UNDER BATTERY



Indemnification And Insurance Agreement

High Performance Enhancement Kit purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Nivel LLC, from any and all claim, liability, responsibility, and persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to high performance enhancement lift kits. The High Performance Enhancement Kit purchaser also shall indemnify Nivel LLC harmless with respect to any and all liability that may be incurred.

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