



4 INCH LIFT KIT E-Z-GO® RXV®

INSTALLATION INSTRUCTIONS



Main Bracket



Spindles



Shock Mount Brackets



Rear Shock Plates



Rear Lift Blocks

WARNING:

After installing this lift kit, the front wheels must be properly aligned. Failure to properly align the front wheels may result in decreased ability to control the Golf Cart which may result in rollover or crash.

WARNING

< To reduce risk of accidents and injury or death >

Be Prepared

- Wear seat belt, motorcycle helmet, eye protection and protective gear.
- Keep your body completely inside the vehicle at all times. Keep both hands on the steering wheel. Be sure passenger is seated, belted, and holding on to the handholds.

Be Qualified and Responsible

- This vehicle is intended for use only by an operator 16 or older with a valid motor vehicle license.
- Passenger and driver must be able to place both feet flat on the floorboard while seated upright with their backs against the seat backs.

Avoid Rollovers and Crushing Injuries

- Use care when turning:
 - Turning the steering wheel too far or too fast can result in a rollover or loss of control.
 - Slow down before entering a turn.
 - When making tight turns from a stop, or at slow speeds, avoid sudden or hard acceleration.
 - Avoid sideways sliding, skidding, or fishtailing, and never do donuts.
- Drive straight up and down inclines, not across them. If crossing a hill is unavoidable, drive slowly and turn downhill immediately if you feel the vehicle may tip.

Abrupt maneuvers or aggressive driving have caused rollovers, even on flat, open areas.



STEP 1

To begin, be sure to engage the parking brake and switch your cart to “off”. Also make sure Run/Tow switch is in the “Tow” position. Raise cart with lift and support with jack stands under the frame. Remove front wheels.



STEP 2

Using 15mm socket and wrench remove the nuts holding bumper in place. Leave bolt in place until step 5. Retain bumper and hardware.



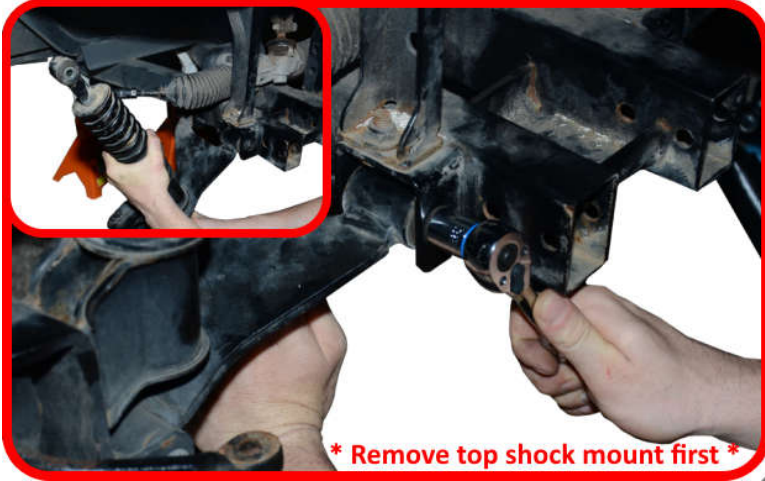
STEP 3

Remove cotter pin. Then use a 15/16 socket and remove castle nut from spindle. Remove hub. Retain hub and hardware.



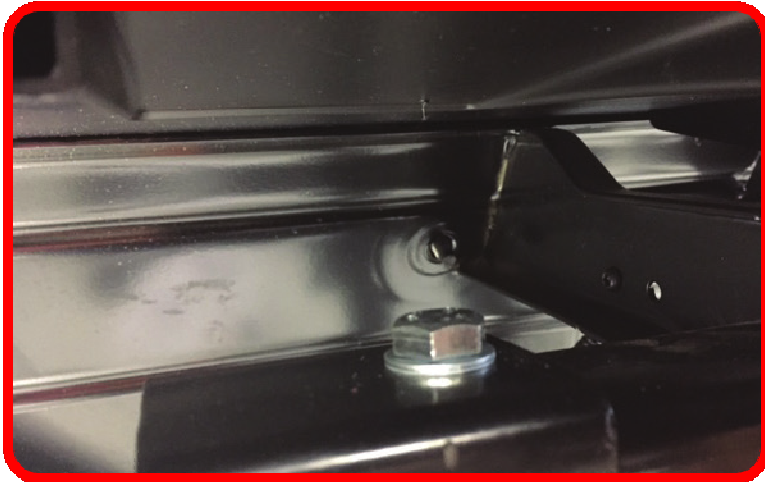
STEP 4

Remove cotter pin. Then use a 17mm socket and remove castle nut from tie rod and remove tie rod from spindle. Retain hardware.



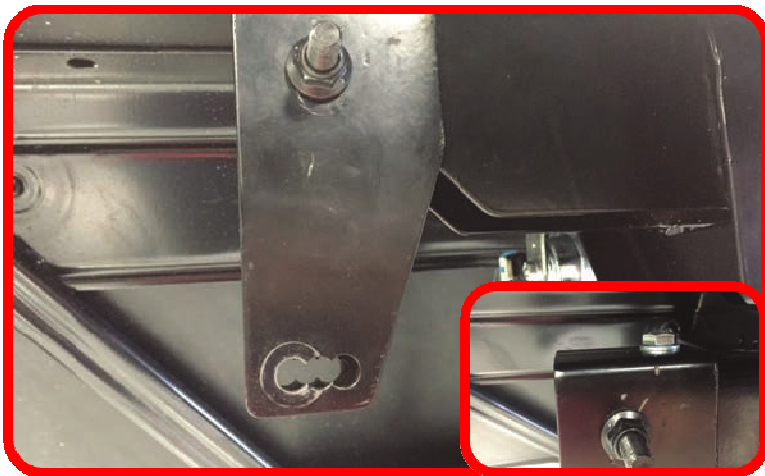
STEP 5

Using a 15mm socket and wrench remove hardware from top of the shock and from the lower control arm. Remove factory suspension assembly from cart. Retain hardware (factory suspension will not be reused). Repeat Steps 3-5 on the other side.



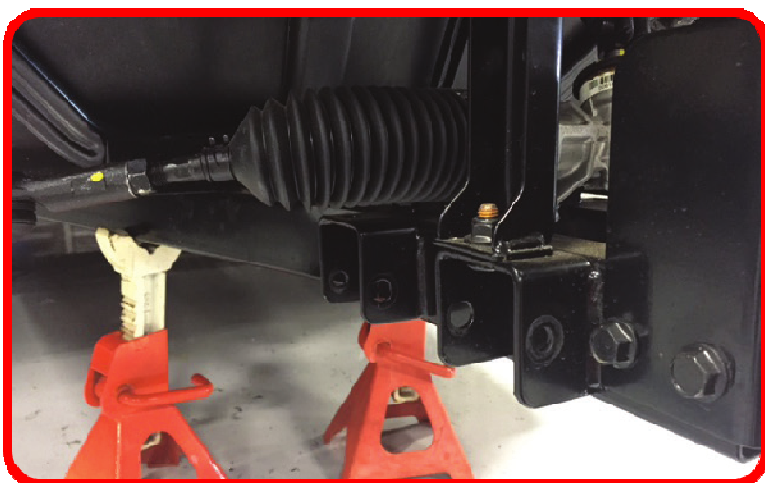
STEP 6

Attach shock mounting bracket to top of upper frame using 10mm x 25mm bolts as shown. DO NOT tighten until after next step.



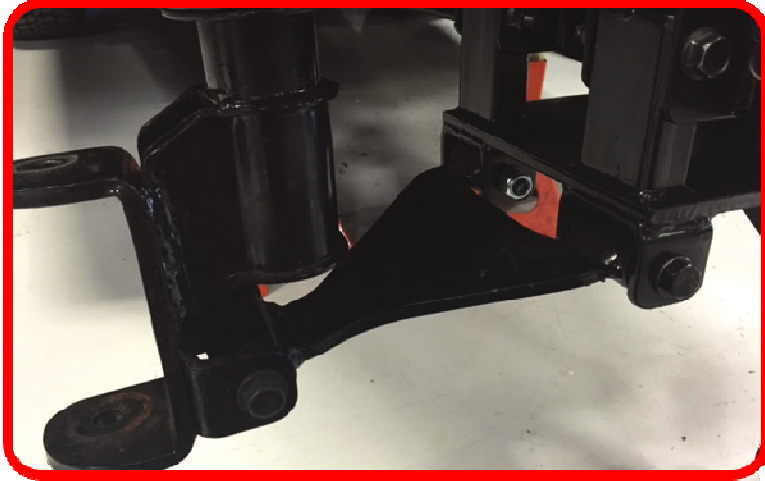
STEP 7

Additionally secure shock mounting bracket using factory shock and bumper hardware as shown. Tighten all hardware.



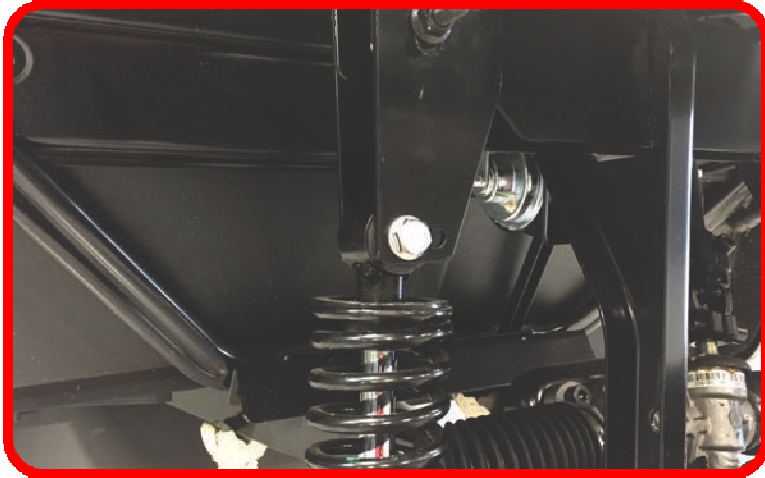
STEP 8

Using a 15mm socket and retained hardware from STEP 5. Attach main bracket to factory A-Arm mounts. Once all four bolts are in place, tighten.



STEP 9

Mount factory A-Arms to main bracket using the 10mm x 80mm bolts and hardware.



STEP 10

Attach factory shock to shock mount bracket using 10mm x 65mm bolts and hardware as shown.



STEP 11

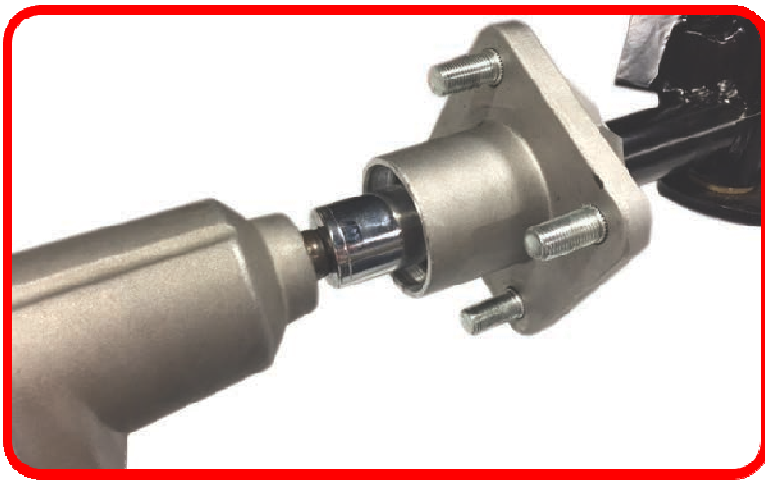
Attach new spindles to factory spindle mount using hardware retained from STEP 5. Repeat.

NOTE: Remember to properly grease spindles as shown.



STEP 12

Using 17mm socket attach steering rack to new spindles using retained hardware from STEP 4. Repeat process on the other side.



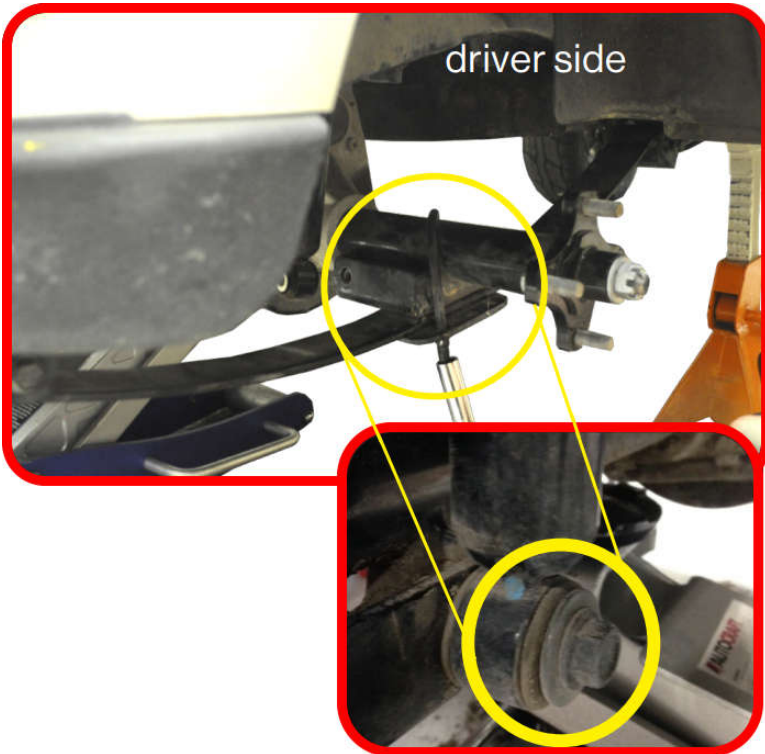
STEP 13

Using a 15/16 socket and retained hardware, reinstall hub and dust cap. Repeat on the other side.



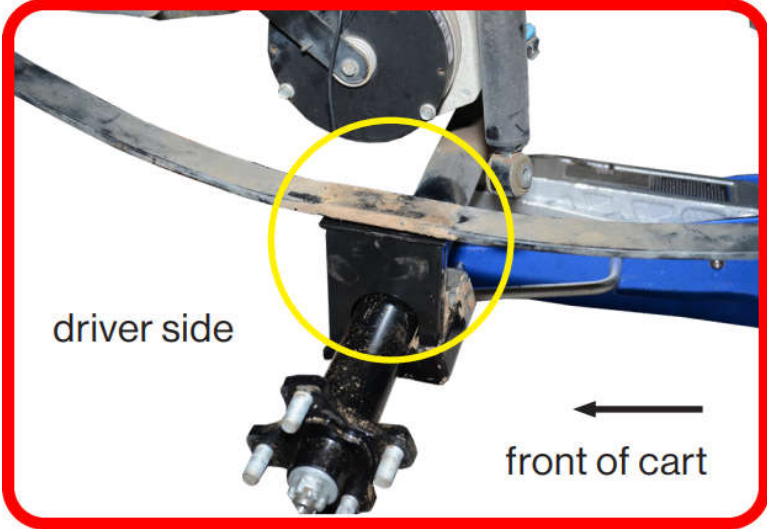
STEP 14

Reattach front OEM bumper and headlights. Install new tires and wheels.



STEP 15

Using 15mm socket, remove driver side shock, factory u-bolt and spring. Retain spring and shock hardware.



STEP 16

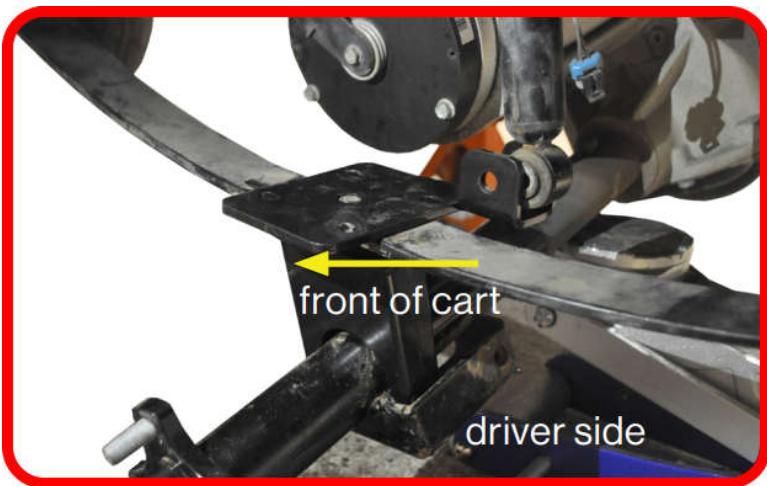
Reinstall factory leaf spring above the axle and install rear lift block under the leaf spring as shown. Check spring bushings for rust and wear. Replace if necessary.



STEP 17

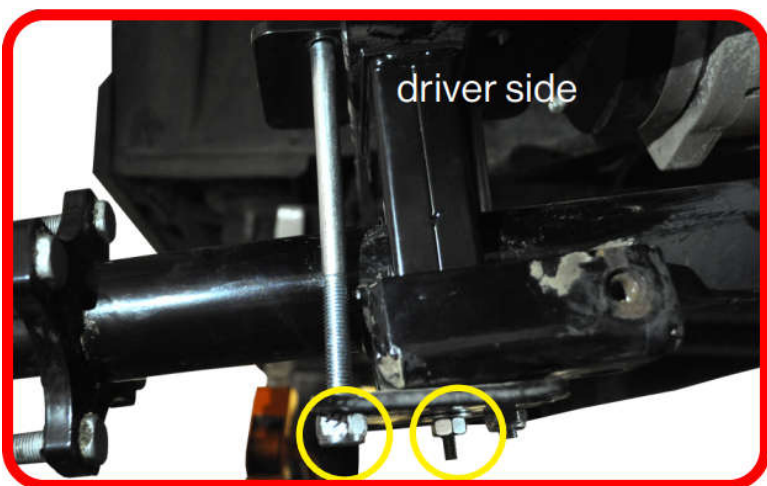
Using the supplied hardware, place bolt on factory bracket as shown and tighten.

IMPORTANT: Bolt head must be placed on top of factory bracket. This will be used to align bottom bracket with the rear shock mounting plate and keep axle in the correct position.



STEP 18

Attach Rear Shock Mounting Plate to top of the spring as shown.



STEP 19

Route supplied u-bolt down through the top of the Rear Shock Mounting Plate to the factory bracket on the bottom. Be sure that all alignment bolts are in correct position to keep axle straight. Using a 17mm socket, tighten u-bolt evenly to ensure proper alignment.

driver side



STEP 20

Attach shock to new shock plate using retained hardware from step 15.



STEP 21

Repeat steps 15-20 on passenger side. Use jack to lower axle and motor assembly as needed. Once complete, install new wheels, lower cart and proceed with alignment as shown on next page.

NOTE: After the first hour or drive time, re-check all lift kit components and alignment. Re-grease the fittings, check the alignment and ensure all lift kit hardware is secured for safety after 50 hours of recurring use.