



16-001/16-010

6 INCH A-ARM LIFT KIT

WILL FIT CLUB CAR® PRECEDENT®
INSTALLATION INSTRUCTIONS

INCLUDED:

- Main Suspension Assembly
- 2 Spindles
- 2 A-Arms
- 2 Rear Shock Mounting Plates
- 2 Rear Lift Blocks
- 2 U-Bolts
- Hardware Pack

TOOLS NEEDED:

- | | |
|-------------|-------------------|
| 13mm Socket | 1/2" Socket |
| 21mm Socket | 5/8" Socket |
| 18mm Socket | 11/16" Socket |
| 10mm Socket | 3/4" Socket |
| 17mm Socket | 3/8" Allen Wrench |
| 13mm Wrench | |
| 17mm Wrench | |



Main Suspension Assembly



2 Spindles



2 A-Arms



2 Rear Shock Mounting Plates



2 Rear Lift Blocks



2 U-Bolts

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 a rollover or crash.

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.



Detach front bumper by removing the two factory bolts closest to the edge of the frame. Retain bumper and hardware.

2

3

Using a 3/4" Socket remove front wheels.

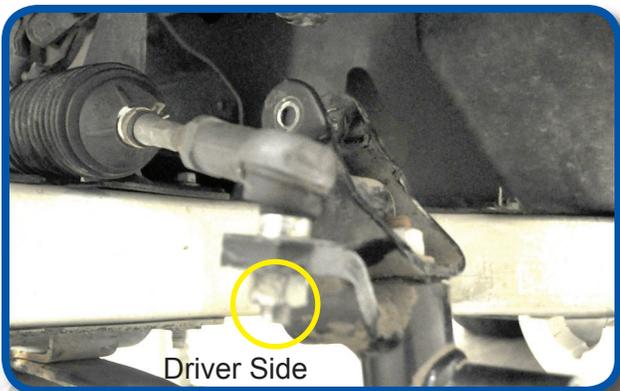
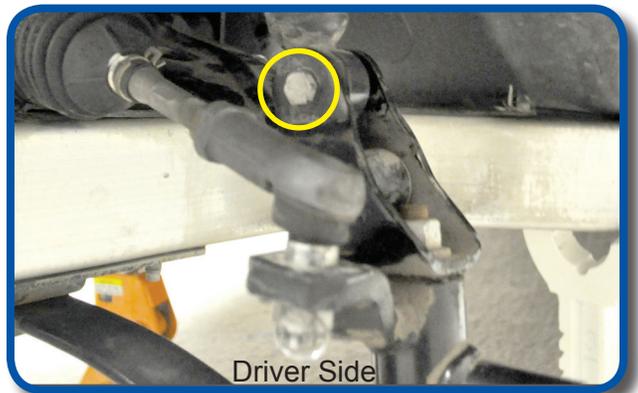


Using a 21mm Socket remove and retain hub and flange nut. Repeat on passenger side.

4

5

Using a 1/2" Socket remove bolt from shock and discard push shock up and out of the way.



Remove and retain the cotter pin from the tie rod end, using an 18mm Socket and an 11/16" Wrench. Remove nut from tie rod.

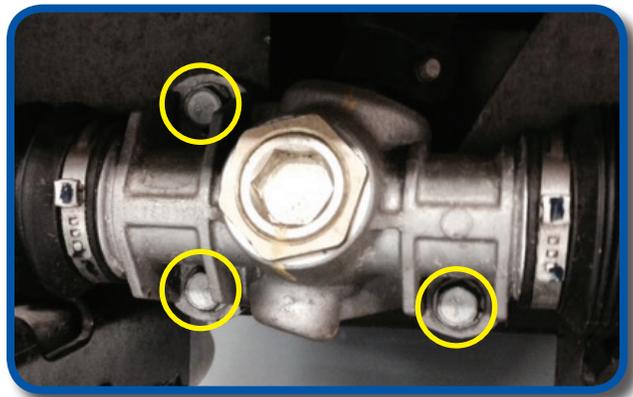
6

Using 1/2" Socket remove factory spindle by removing bolts as shown in picture.



Using a 1/2" Socket remove spring plate and leaf spring. Retain spring plate, discard hardware and spring.

Using a 1/2" Socket remove 3 bolts securing rack and pinion. Retain hardware.
NOTE: You will not completely remove rack and pinion. This step is to gain access to upper A-arm bolts.



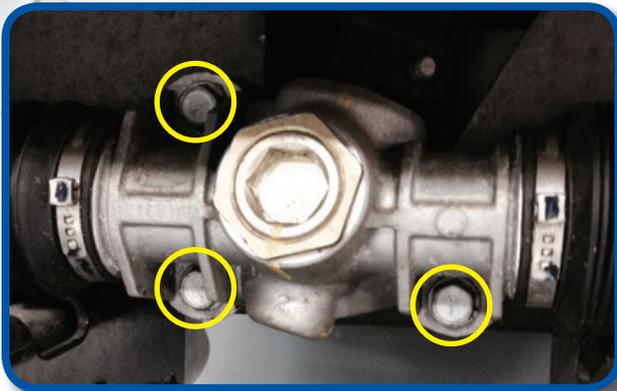
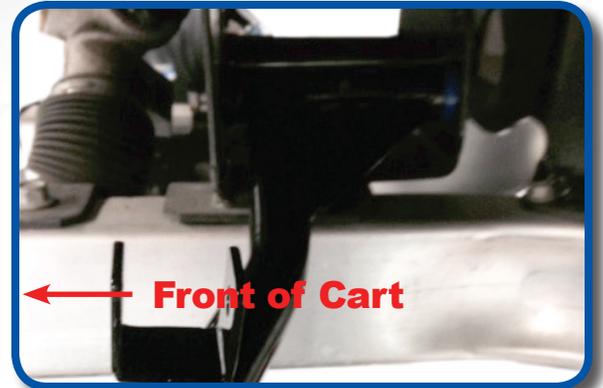
Using a 1/2" Socket remove factory A-Arms. Retain hardware.



Note: Grease all fitting before installing lift on Cart. 1 each on the upper A-Arms and 2 on each on lower A-Arms

11

Attach your new upper A-Arm using hardware retained from Step 10. Be sure to tighten hardware.



12

Using a 1/2" Socket reattach rack and pinion using hardware retained from Step 9.

Using spring plate retained from Step 8. Attach your new main suspension assembly. Use the supplied M10x45mm hex bolts to secure to cart.

Note: Use locking adhesive and make sure all bolts are started before tightening.

*** A floor jack is recommended to help hold suspension assembly in place while you get your bolts started.**

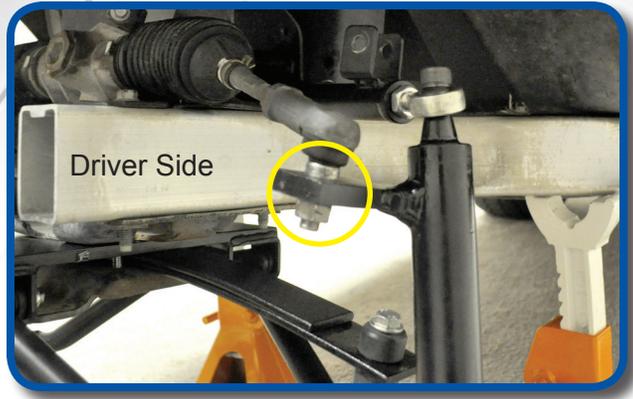


Note: Before attaching spindles, adjust heim joints so there is approximately 1/4" of thread showing.

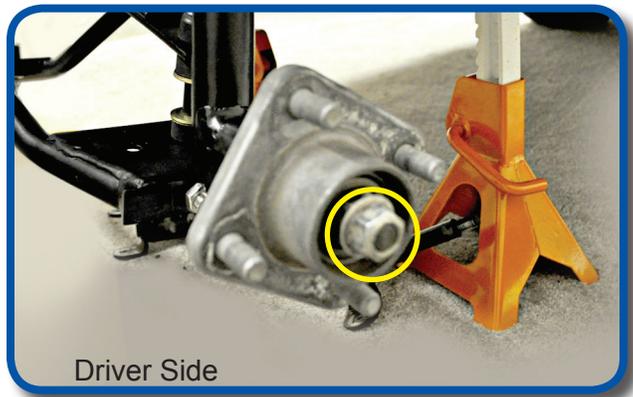
Attach Spindles to Main Suspension Assembly and Upper A-Arms using supplied allen head cap screws.

***Do not use thread locking adhesive until alignment is completed at the end of installation.**

15
Reattach tie rod to spindles using retained castle nut and cotter pin from step 6.



16
Using a 13mm Socket and Wrench Reattach shock to A-Arm using the two 8x50mm Hex bolt, four 8x15mm flatwashers and two 8mm locknut.



17
Reattach hub using hardware retained from Step 4 and tighten.

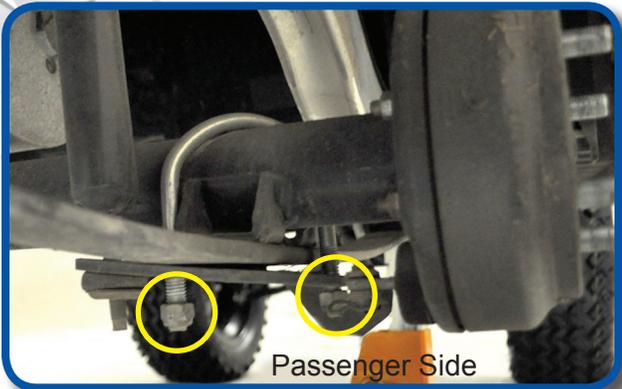


18
Reinstall bumper using hardware from Step 2. Install new wheels and lower cart.

Chock front wheels, then disengage parking brake. Lift rear of cart and support with jack stands under the frame. Remove rear wheels. Leave jack in place under axle and motor assembly.



Using a 5/8" Socket loosen the U-Bolts on the passenger side.
IMPORTANT: Do not remove the U-Bolts. It's important to do one side at a time to avoid motor roll. Loosening but not removing the U-Bolts will make this easier.



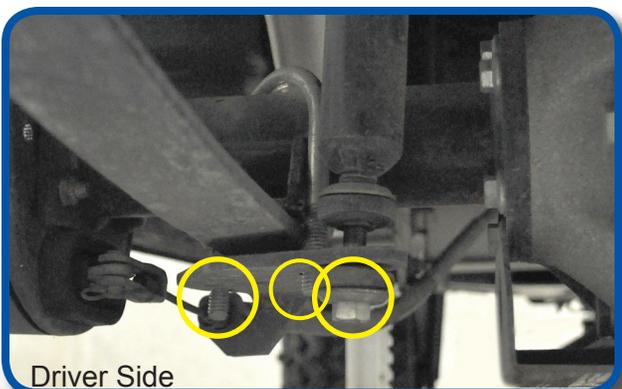
Use jack to raise and lower axle/motor assembly as needed for steps 22-29.

IMPORTANT: Only use jack to keep axle and motor assembly at correct height, do not lift cart.

Note: When rear suspension is not attached to rear motor and axle assembly it will roll forward. Leave jack in place to keep this from happening.



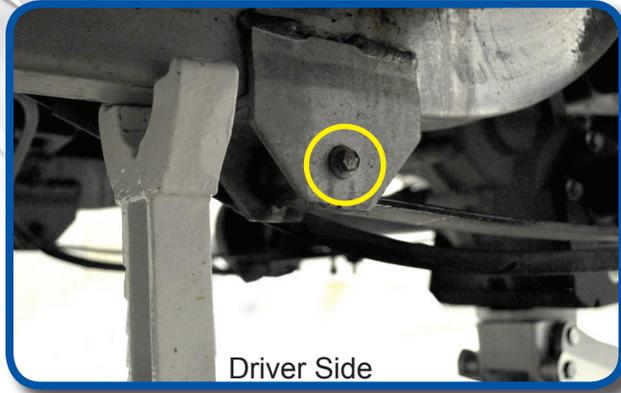
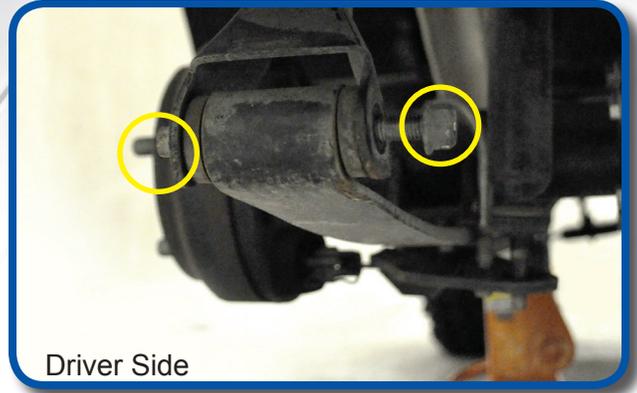
Using a 5/8" Socket remove the driver side U-Bolts. Once the U-Bolts are removed you can remove the lower bushing and shock using a 9/16" Socket. Retain shock hardware. Discard U-Bolts and nuts.



Using a 10mm socket and 13mm wrench remove hardware from rear leaf spring mount. Retain hardware.

** We recommend using the HD Springs when installing your new lift kit.*

**Check spring bushing for rust and wear. Replace if necessary.*



Remove hardware from front leaf spring mount. Retain hardware.



Use jack to lower axle and motor assembly. Reinstall leaf spring on top of axle using hardware retained from Steps 23 and 24.

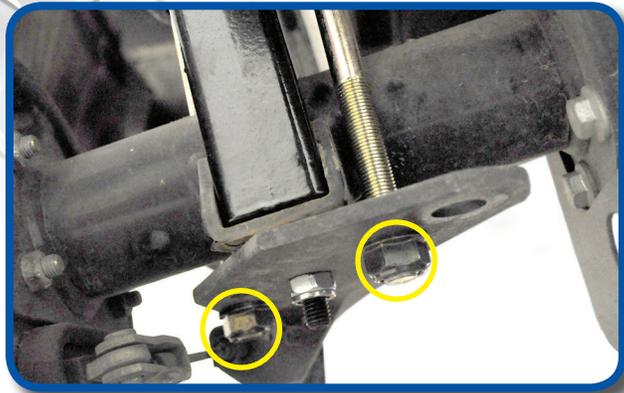
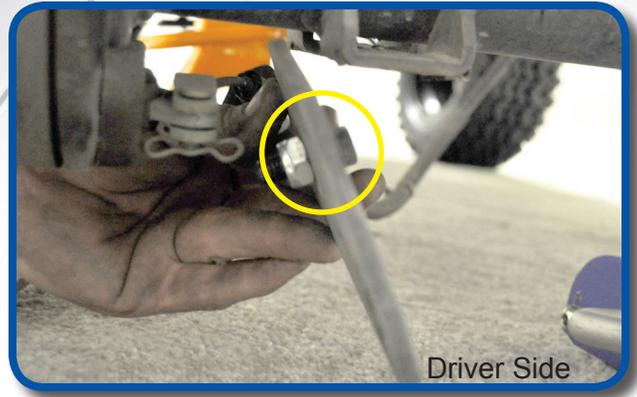


Place Rear Lift Block under leaf spring.

A. IMPORTANT: Ensure that top of lift block angles down toward the front of cart.

B. Place Rear Shock Mounting Plate over leaf spring and attach shock to mount plate.

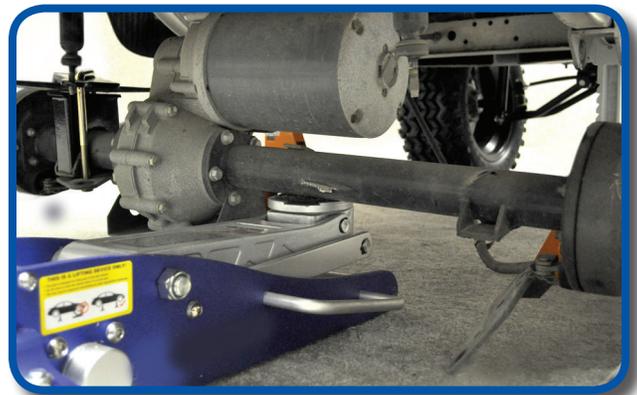
Using 6mm Allen Wrench and 13mm Wrench attach bolt from hardware pack through the factory lower bracket as shown. This bolt does not serve as a fastener, its only purpose is to provide the proper placement of the bracket under axle. Tighten hardware.



Route U-Bolt through Shock mounting plate around axle and through factory lower bracket making sure alignment bolt attached in step 27 fits properly in axle. Using a 17mm socket tighten U-Bolt evenly to ensure proper alignment.

Repeat steps 22-28 on passenger side, use jack to lower axle and motor assembly as needed.

Once complete, install wheels, lower cart and proceed with alignment as shown on next page.



ALIGNMENT INSTRUCTIONS

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 a rollover or crash.

IMPORTANT: Both Camber and Toe must be adjusted on this model.

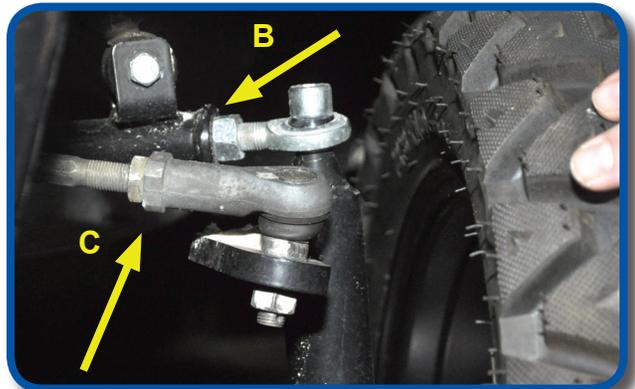
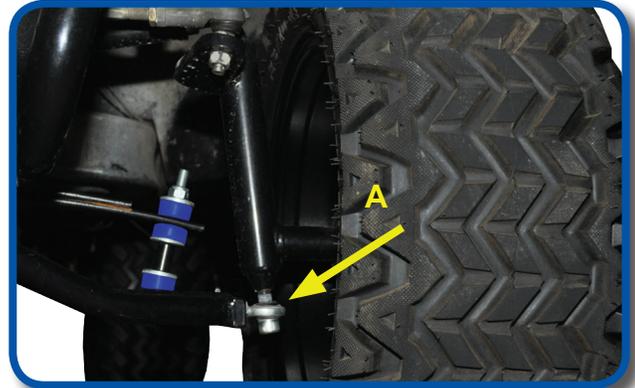
To adjust for proper camber, use a framing square, level, or some other means of verifying that the tire is at a 90 degree angle to the ground.

Adjust camber using the two nuts on the bottom heim joint (A).

If adjusting the camber to 90 degrees is not possible using only the adjustment on the bottom heim joint, then the top heim joint (B) must be disconnected from the spindle and rotated as necessary to achieve the correct camber.

IMPORTANT: Exposed tie rod threading should be equal on both tie rods. Be sure to retighten all adjustment points after adjustments are made.

***Use thread locking adhesive on heim joints once desired camber is achieved.**



Ensure the wheels are pointing straight forward. To adjust Toe, find a common point to measure from on the inside front and inside rear of the front tires. Adjust until the front measurement is 1/4" to 3/8" greater than the rear measurement.

Loosen nut on tie rod end (C) and adjust using a 3/4" and 11/16" wrench. Tighten nut on rod end when complete.

IMPORTANT: Ensure that after this adjustment, both wheels toe out from the cart's centerline equally.

Once tightened, roll the cart back 15-20 feet and then forward again to check. Check measurement readjust if necessary.

INSTALLATION COMPLETE

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