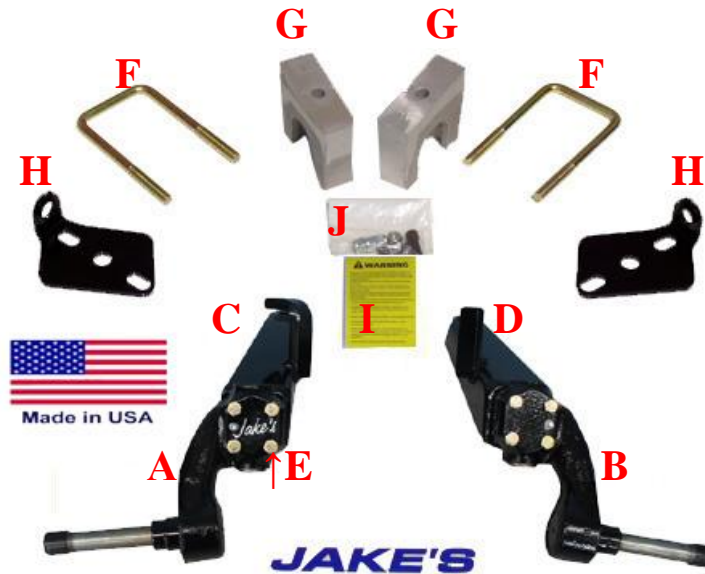
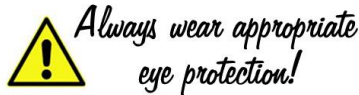


**Club Car DS 6" Spindle Lift
1981-1996.5 Gas Models
W/ Metal Front Hub Dust Covers
Installation Instructions
Part# 6230
U.S. Patent 7185901**



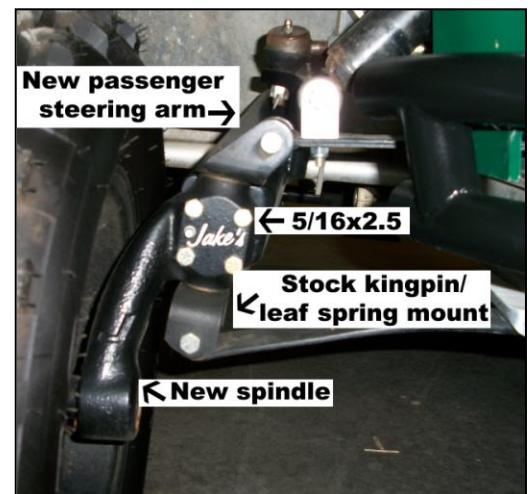
<u>ITEM</u>	<u>QTY.</u>
A. Passenger side spindle	1
B. Driver side spindle	1
C. Passenger side steering arm	1
D. Driver side steering arm	1
E. Nuts & bolts for steering arms	8
F. U-bolts for rear lift	2
G. Rear aluminum lift mounts	2
H. Rear top spring/shock plate	2
I. Warning label	1
J. Bag of nuts & bolts for rear	1

**** These spindles are pre-drilled to accept Jake's hydraulic front brake kit. ****



FRONT INSTALLATION

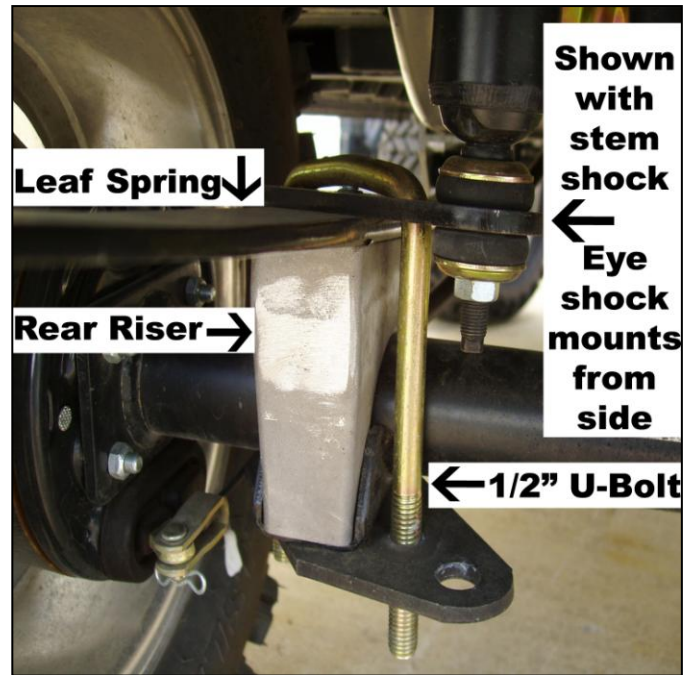
1. Jack up the front end of the cart and place it on jack stands. You will be installing larger wheels and tires so raise the cart high enough to accommodate for the additional height.
2. Remove wheels and tires.
3. Remove the stock hubs.
4. Remove the tie rod ends from the spindles.
5. Remove the spindles from the front axle. Clean and lubricate these bolts for the reinstallation of the spindles.
6. Using the supplied nuts and bolts (Item E), bolt the steering arms (Items C&D) to the rear of JAKES spindles (Items A&B). **NOTE:** Steering arms and spindles are different for driver's side and passenger side. Assembled pieces are pictured in your parts list for a guideline.
7. Install JAKES spindles to the front axle. **NOTE: These spindles are pre-drilled to accept Jake's front hydraulic disk brake kit.**
8. Reattach the tie rod ends to the new spindles.



9. Put the stock hubs back on JAKES spindles.
10. Securely tighten all bolts.
11. Install JAKES recommended 22 x 11 x 10 wheels and tires with a 3 x 5" offset for maximum performance and stability. **NOTE:** Your stock wheels and tires will NOT work! *If you want to run 23x10.5x12 wheels and tires you will need to order Jake's wheelbase extension kit Part# 7260 (for carts 1992 & older you will also need Part# 7260-B)!*
12. Take the cart off of the jack stands and lower the cart.
13. Drive the cart forward 10-20 feet and check the toe-in. (Proper toe-in should be approximately 1/8".)

REAR INSTALLATION

1. Jack up the rear end of the cart and place jack stands on the frame in front of the springs. You will be installing larger wheels and tires so raise the cart high enough to accommodate the additional height. Place a car jack under the rear-end housing of the cart.
2. Remove the wheels and tires. .
3. Remove the U-bolts from the rear axle on both sides of the cart.
4. Remove the spring shackle bolts and shocks. Clean and lubricate the shock nuts and save them to reattach the shocks later.
5. Remove the springs from under the axle on both sides of the cart. Save the hardware for reinstalling the leaf springs.
6. Remove lower brake/U-bolt plate and drill the 2 holes from 7/16" to 1/2" for JAKES larger U-bolts (Item F).
7. Reinstall brake/U-bolt plate with allen bolt placed in the center to act as a spring bolt. (allen head up)
8. Lower the rear-end using the car jack.
9. Place JAKES rear aluminum lift mounts (Item G), with the shorter end **towards** the front of the cart, over the axle as shown.
10. Place the springs on the top of the Jakes aluminum lift mounts with the center bolts of the springs in the hole of the aluminum lift mounts.
11. Place JAKES top rear shock mounting plates (Item H) over the springs with the shock mounts facing in and to the rear. (depending on single or 4 leaf, you may need to flip the shock mounts to raise or lower the travel of your shock). Loosely mount the front the rear leaf spring to the stock leaf spring mount using the stock hardware.
12. Using the supplied u-bolts (Item F) and nuts (Item J) bolt the rear lift assembly together.
13. Attach the shock to JAKES new spring plate (Item H) using the supplied nuts and bolts (Item K). **REMINDER:** Flip the shock plate up or down, depending on your shock travel or spring height. Attach the rear of the leaf spring to the stock leaf spring mount using the stock hardware.
14. Securely tighten all bolts.
15. Install JAKES recommended wheel and tire size 22 x 11 x 10 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.



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.

Golf Cars are recommended for use only by those aged 16 and older. Golf Cars can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Nivel LLC reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models, or equipment without notice and without incurring any obligation.