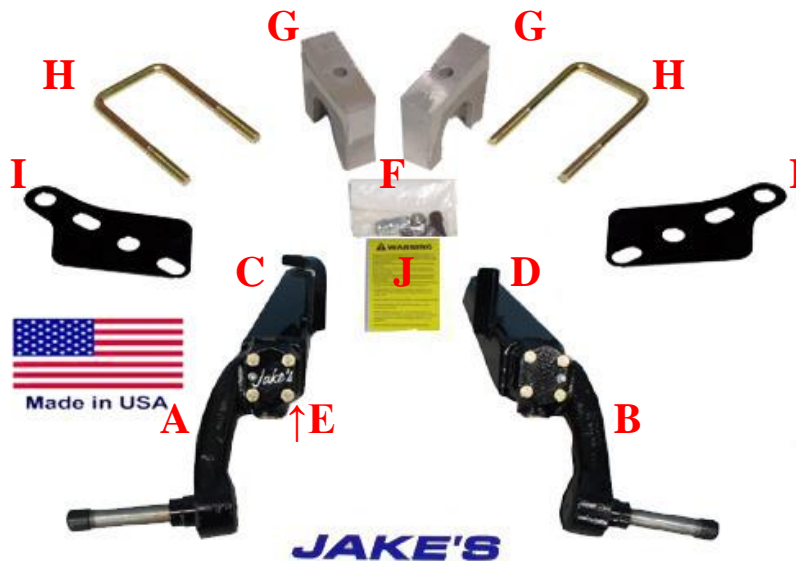


Club Car DS 6" Spindle Lift
1981-04.5 Electric/1996.5-04.5 Gas Part# 6231
2004.5 & Newer Gas/Electric Part# 6234
Installation Instructions
U.S. Patent 7185901



<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. Bolts for rear lift	1
G. Rear lift mounts	2
H. U-bolts for rear lift	2
I. Top rear shock mount plates	2
J. Warning label	1

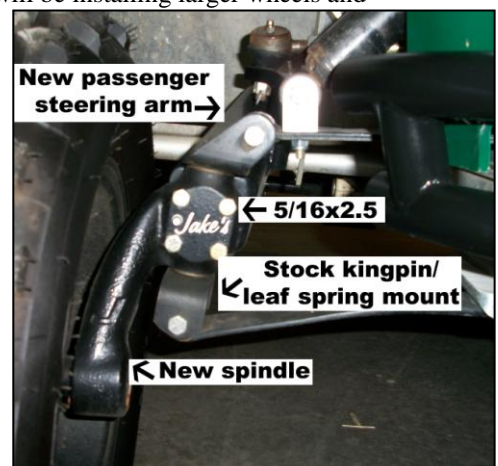
**** These spindles are pre-drilled to accept Jake's hydraulic front brake kit. ****



Always wear appropriate eye protection!

FRONT INSTALLATION

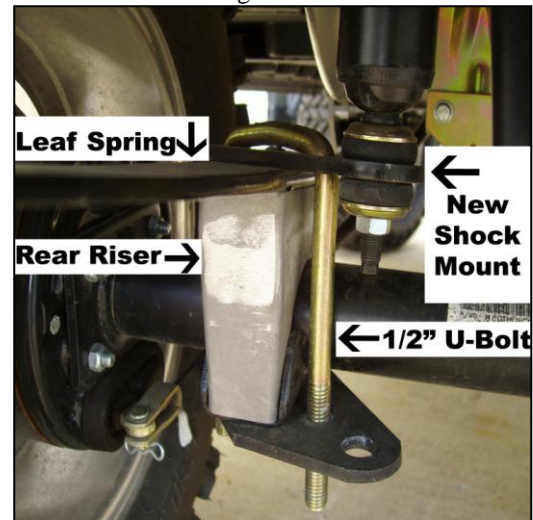
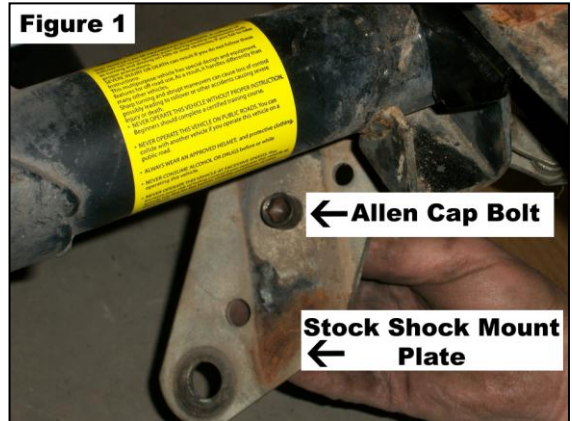
1. Jack up the front end of the cart and place it on jack stands. You will be installing larger wheels and tires so raise the cart high enough to accommodate for the additional height.
2. Remove wheels and tires.
3. Remove the stock hubs from the spindles.
4. Remove the tie rod ends from the spindles.
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 hydraulic front brake kit!**
8. Reattach the tie rod ends to the new spindles. **NOTE:** If your stock tie rod ends are not tapered you will need to enlarge the tie rod end holes in the new steering arms to 1/2".



9. Securely tighten all bolts.
10. Install stock hubs to new spindles. **NOTE: If you purchased lift kit Part# 6231 use the stock hardware. If you purchased lift kit Part# 6234 use the supplied slotted nuts and cotter pins.**
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.
2. Remove the wheels and tires. Place a car jack under the rear-end housing of the cart.
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 & spring bolts and save them for reinstalling the shocks & spring.
5. Remove the springs from under the axle on both sides of the cart. Lower the rear using the car jack.
6. Place the provided allen cap bolt in the center hole of lower stock brake cable mount plate. (allen head up to center plate under rear axle) as shown in FIGURE 1.
7. Look at the picture of the rear lift provided. **The two stock u-bolt holes that the new u-bolts go through need drilled out to 1/2".** The larger u-bolts provide maximum strength.
8. Place JAKES rear lift mounts (Item G) over the axle, with the shortest end pointed towards the front of the cart. Line the axle with the supplied allen cap screw (Item F).
9. Place the springs on the top of the rear lift mounts with the center bolts of the springs in the hole of the rear lift mounts. Using the stock hardware loosely mount the front of the leaf springs to the stock leaf spring mount.
10. Place JAKES top rear shock mounting plates (Item I) over the springs with the shock mounts facing in and to the rear.
11. Put the U-bolts (Item H), through JAKES shock mount plate and through the factory shock mount plate. Using the supplied bolts (Item F), tighten the U-bolts. Using the stock hardware mount the rear of the leaf springs to the stock leaf spring mounts.
12. Using the factory nuts and bolts attach the shocks to the new shock mounts.
13. Once rear is in place securely tighten all nuts/bolts.
14. 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!**
15. Included is a warning label (Item J) which is to be placed on the steering column or another visible area and is to be read by all operators.



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