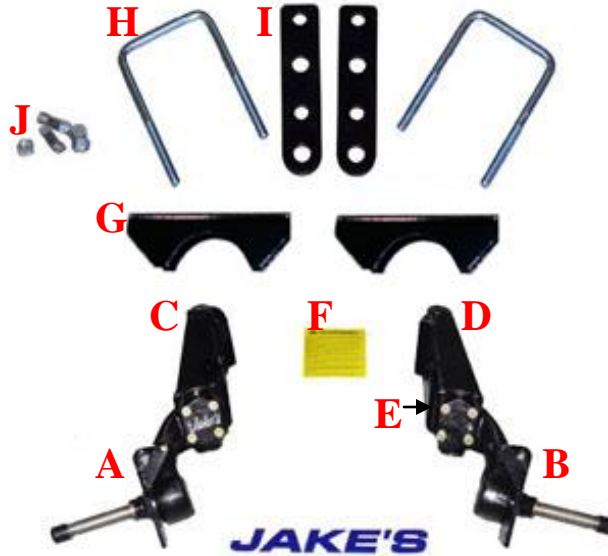


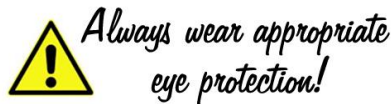
Club Car DS 3" Lift Kit Part# 6233-3LD
Fits DS/Carryall/Villager Models w/
Factory Front Mechanical Brakes
U.S. Patent# 7185901
Installation Instructions



PARTS LIST



<u>ITEM</u>	<u>QTY.</u>
A. Passenger side spindle w/ brake mount	1
B. Driver side spindle w/ brake mount	1
C. Passenger side steering arm w/ steering mount	1
D. Driver side steering arm	1
E. Nuts & bolts for steering arms	8
F. Warning label	1
G. Rear risers	2
H. U-Bolts	2
I. Rear shock mounts	2
J. Bolts for rear lift	1



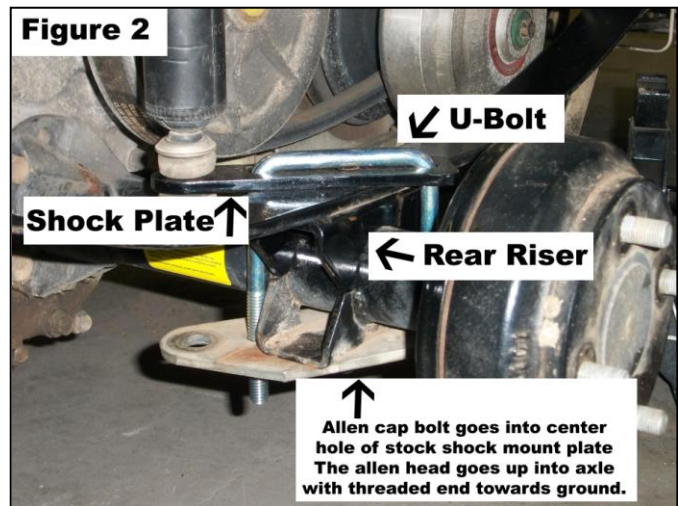
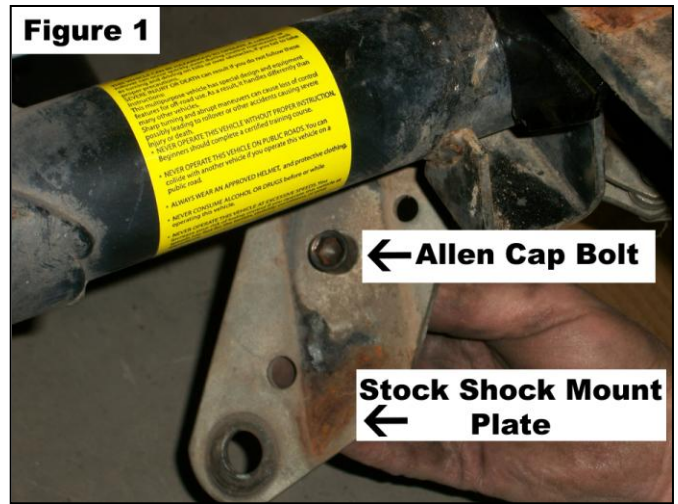
Front Installation

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 brakes from the spindles.
6. Remove the spindles from the front axle. Clean and lubricate these bolts for the installation of JAKES spindles.
7. 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.
8. Install JAKES spindles to the stock spindle location using the stock kingpins and nuts.
9. Attach the passenger side steering arm with the steering mount on top, to the rack and pinion steering.
10. Reattach the tie rod ends to the new spindles.

11. Attach the factory brakes to JAKES brake mounts on the spindles.
12. Place the stock hubs onto JAKES spindles.
13. Securely tighten all bolts and check brakes for adjustment before using.
14. Install JAKES recommended 20 x 10 x 10 wheels and tires with a 3 x 5" offset for maximum performance and stability.
15. Take the cart off of the jack stands and lower the cart.
16. Drive the cart forward 10-20 feet and check the toe-in. (Proper toe-in should be approximately 1/8".)
17. Supplied is a warning label (Item F) which should be placed on the steering column and read by every operator.

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 leaf spring shackle bolts and shocks. Clean and lubricate the bolts and save them for reinstallation.
5. Remove the springs from under the axle on both sides of the cart. Lower the rear-end of the cart using the car jack.
6. Place the provided allen cap bolt (Item J), (allen head up) in the center hole of the lower stock brake cable mount plate to center rear axle. Figure 1 shows the correct placement of the allen cap bolt.
7. Place Jake's rear risers (Item G) over the axle as shown in Figure 2.
8. Line the axle with the supplied allen cap screw (Item J) as shown in Figure 2.
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 as shown in Figure 2. Using the stock hardware loosely mount the front of the leaf spring to the stock front leaf spring mount.
10. Place Jake's top rear shock mounting plates (Item I) over the springs with the shock mounts facing in and to the rear as shown in Figure 2.
11. Put the U-bolts (Item H), through Jake's shock mount plate and through the factory shock mount plate. Using the supplied bolts (Item J), tighten the U-bolts as shown in Figure 2. **Securely tighten.**
12. Using the factory nuts and bolts attach the shocks to the new shock mounts as shown in Figure 2. **Note: If you have an older model gas cart and your shock has an eye on the bottom instead of a stem you need to bend this plate 90 degrees.** Using the stock leaf spring hardware mount the rear of the leaf springs to the stock rear leaf spring mount. **Once rear is aligned and in place securely tighten all nuts/bolts.**
13. Install JAKES recommended 20x10x10 wheels and tires with a 3x5" offset for maximum performance and stability.



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