


Club Car DS 3" Lift Kit Part# 6234-3LD
2004.5 & Newer DS Gas/Electric
U.S. Patent# 7185901
Installation Instructions

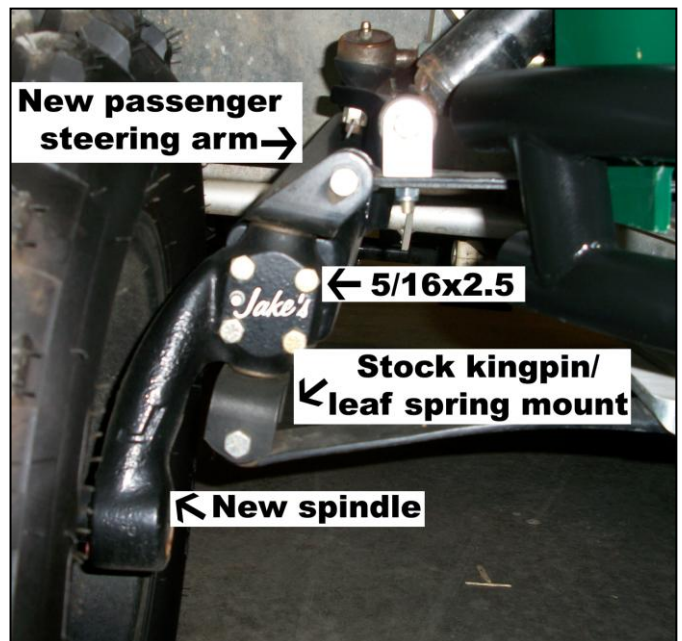


<u>ITEM</u>	<u>QTY.</u>
A. Passenger side spindle	1
B. Driver side spindle	1
C. Passenger side steering arm	1
D. Driver side steering arm	1
E. Nuts & bolts for steering arms	8
F. Warning label	1
G. Rear Risers	2
H. Rear Shock Mounts	2
I. U-Bolts	2
J. Allen Cap Screw & Nuts	2
K. Slotted Nuts for Spindles (not pictured)	2

 *Always wear appropriate eye protection!*

FRONT INSTALLATION

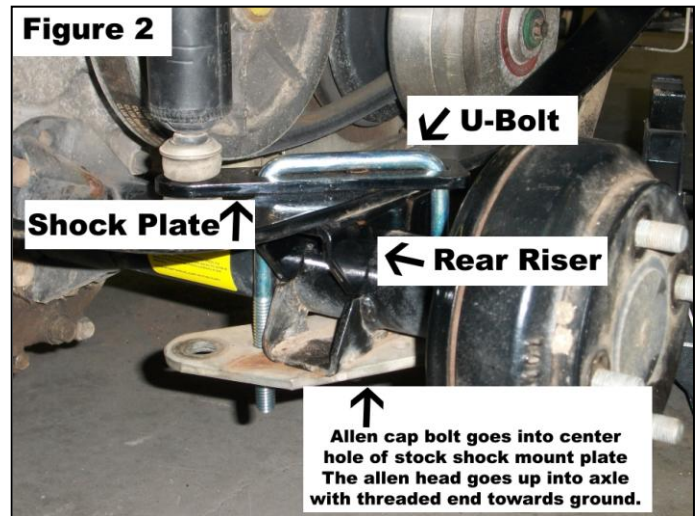
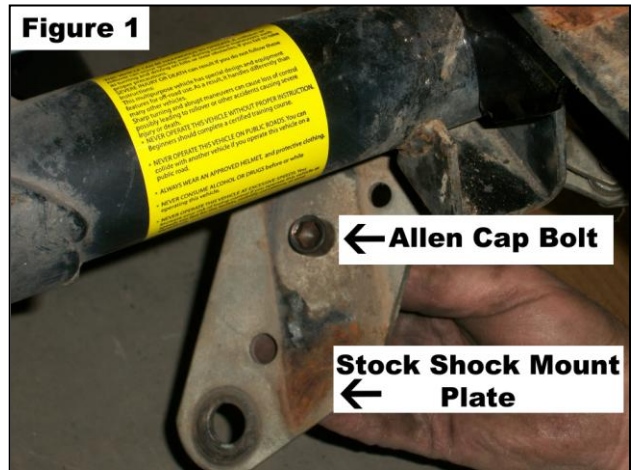
1. Jack up the front end of the cart and place it on jack stands.
2. Remove wheels and tires.
3. Remove the stock hubs from the spindles.
4. Remove the tie rod ends from the spindles.
5. Remove the spindles from the front axle. Clean and lubricate these bolts for the reinstallation of the spindles.
6. 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. The driver side spindle (Item B) has 6234-3D etched on the side and the passenger side spindle (Item A) has 6234-3P etched on the side. Assembled pieces are pictured in your parts list for a guideline.
7. Install JAKES spindles to the front axle.
8. Reattach the tie rod ends to the new spindles.
9. Securely tighten all bolts.
10. Install hubs and tighten with supplied slotted nuts (Item K) and stock cotter pins.



10. Install wheels and tires. 20" tires are recommended with all 3" lifts but in some cases 22" tires may fit.
11. Take the cart off of the jack stands and lower the cart.
12. Drive the cart forward 10-20 feet and check the toe-in. (Proper toe-in should be approximately 1/8".)
13. Included is a warning label (Item F) which is to be placed on the steering column or another visible area and is to be read by all operators.

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 shackles bolts and unhook the bottom of rear shocks. Clean and lubricate all hardware for reinstallation.
5. Remove the springs from under the axle on both sides of the cart. Using the car jack lower the rear-end of the cart.
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 location 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 E) 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 springs to the stock front leaf spring mount.
10. Place Jake's top rear shock mounting plates (Item H) over the springs with the shock mounts facing in and to the rear as shown in Figure 2.
11. Put the U-bolts (Item I), through Jake's shock mount plate and through the factory shock mount plate. Using the supplied nuts, 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. **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 hardware bolt the rear of the leaf spring to the stock leaf spring mounts. **Once rear is aligned and in place securely tighten all bolts.**
13. Install wheels and tires. 20" tires are recommended with all 3" lifts but in some cases 22" tires may fit.



Indemnification And Insurance Agreement

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