



# **LIFT-309**

**Lift Kit  
Installation Instructions**

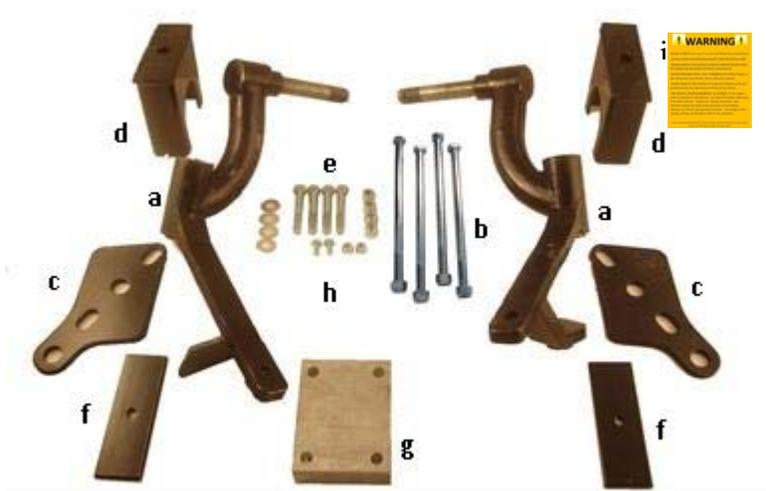
**For**

**Club Car DS 2009+**

**Gas & Electric**

## Contents

- a (1 ea) Left/Right Spindle Arms
- b (4) Nuts, bolts
- c (2) Mounting Plate
- d (2) Lift Bracket
- e (4) Nuts, Bolts, Washers
- f (2) Centering Plate
- g (1) Camber Block
- h (2) Nuts, bolts
- i (1) Warning Label



**Note:** You must install larger tires and wheels once the cart is lifted. Recommended size is 20x11x10 with a 3x5 offset. Your stock tires and wheels will not work.

**Note:** This lift kit is designed to work with 09+ DS model golf carts with Tie Rod Ends that are female thread, silver aluminum

## Front Installation

1. Jack up the front end and place it on jack stands, being sure to raise the cart high enough to accommodate the additional height of the larger tires and wheels. Chock rear wheels.
2. Remove wheels.
3. Remove the stock hubs from the spindles, the tie rod ends from the spindles and the spindles from the front axle.

4. Clean and lubricate the bolts for the reinstallation of the spindles.
5. Install new lift spindles being sure to note that the driver side and passenger side are different.
6. Reattach tie rod ends and install stock hubs to new spindles.
7. Securely tighten all bolts.
8. Remove and discard four nuts and bolts holding the leaf spring in place and the alignment cam and nut from the center of the leaf spring.
9. Insert camber block between the upper plate and leaf spring.
10. Attach lower plate with new hardware; do not tighten at this time.
11. Install recommended tires and wheels.
12. Take cart off jack stands and lower.
13. Use a framing square to check for proper camber.
14. Once camber is set, tighten hardware.
15. Drive forward 10-20 feet and check the tow-in (For stability a 1/8" toe in is recommended).

## Rear Installation

1. Jack up the rear and place jack stands under the frame, being sure to raise the cart high enough to accommodate the additional height of the larger tires and wheels. Chock front wheels.
2. Remove wheels.
3. Remove U bolts from rear axle.
4. Remove the lower shock mounts and push the shock upward, out of the way. Clean and lubricate the bolts for reinstallation.
5. Remove leaf spring shackle bolts and front pivot bolts. Remove leaf springs.
6. Place lift bracket directly over the axle locator pins using the center hole.
7. Install the centering plate between the swing arm mounting plate and the bottom of the spring perch.
8. Place the leaf springs on the top of the lift bracket with the center bolts of the leaf springs in the hole of the lift bracket.
9. Place Warning Label (i) in an obvious location visible to the driver.