

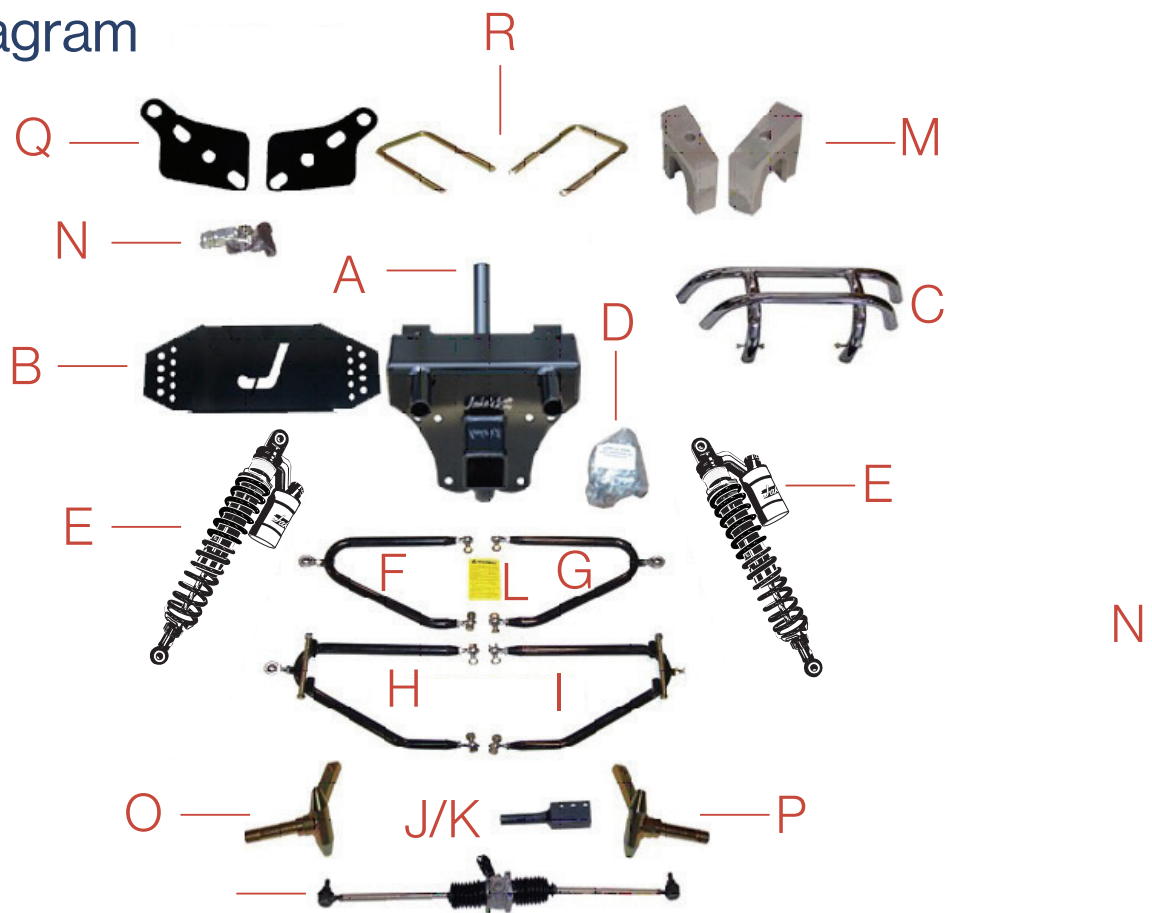


INSTALLATION INSTRUCTIONS

Part #16-783

Long Travel Lift Kit for
Club Car Precedent 2004-Up
Gas & Electric

Parts Diagram



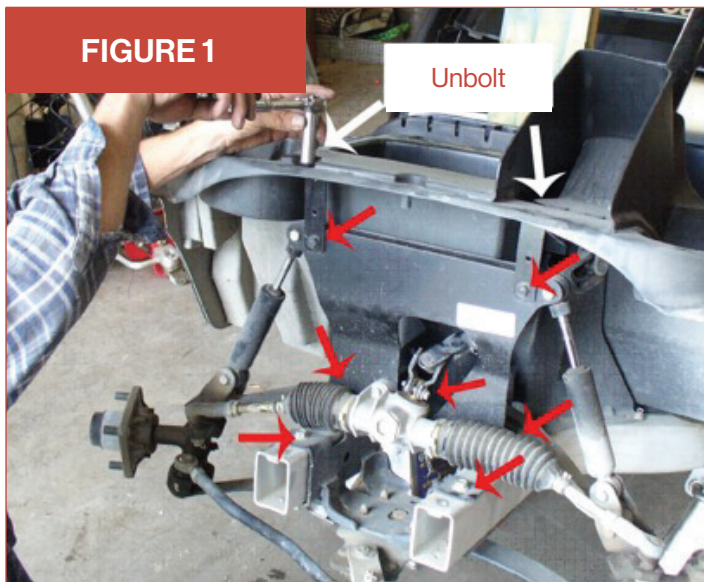
| CALLOUT | ITEM | QTY |
|---------|---|-----|
| A | JAKE'S SUB-FRAME | 1 |
| B | TOP FRAME SUPPORT | 1 |
| C | STAINLESS FRONT BUMPER | 1 |
| D | FRONT HARDWARE KIT | 1 |
| E | JAKE'S LONG TRAVEL SHOCKS WITH EXTERNAL RESERVOIR | 2 |
| F | PASSENGER SIDE TOP A-ARM | 1 |
| G | DRIVER SIDE TOP A-ARM | 1 |
| H | PASSENGER SIDE BOTTOM A-ARM | 1 |
| I | DRIVER SIDE BOTTOM A-ARM | 1 |

| CALLOUT | ITEM | QTY |
|---------|------------------------------|------|
| J | STEERING EXTENSION | 1 |
| K | STEERING BOX | 1 |
| L | WARNING LABEL | 2/EA |
| M | REAR RISERS | 2/EA |
| N | NUTS AND BOLTS FOR REAR LIFT | 8/EA |
| O | PASSENGER SIDE SPINDLE | 1 |
| P | DRIVER SIDE SPINDLE | 1 |
| Q | REAR SHOCK MOUNT PLATES | 2 |
| R | 1/2" U-BOLTS FOR REAR | 2 |

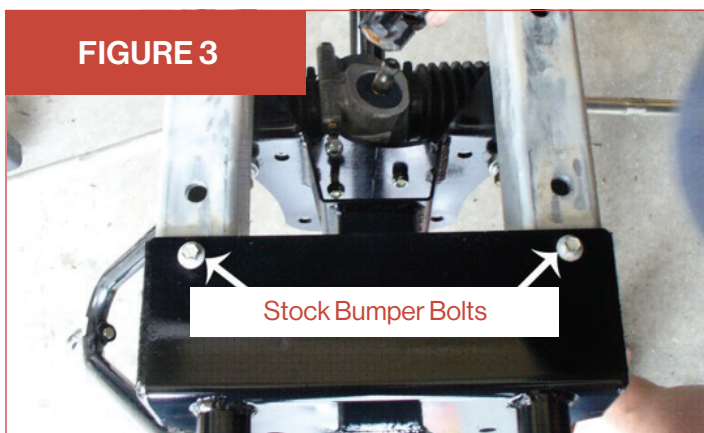


*Always wear appropriate
eye protection!*

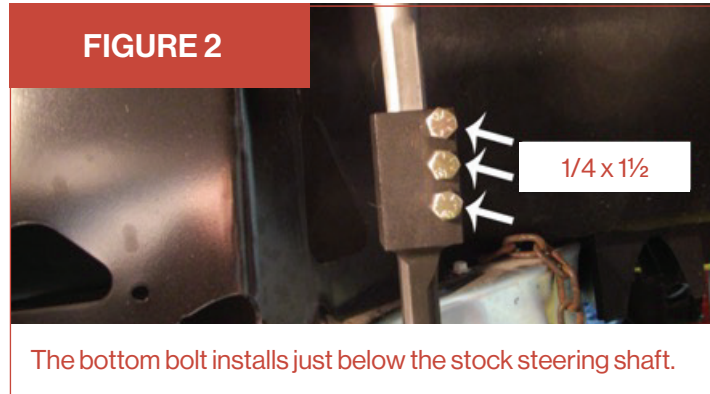
Front Assembly



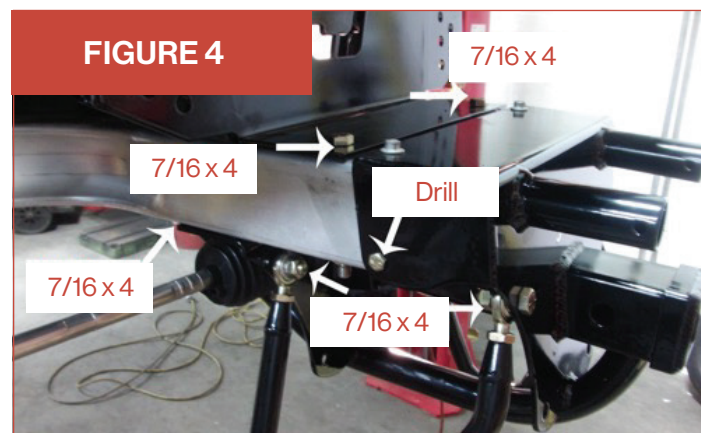
- 1 Place the cart on jack stands.
- 2 Remove front wheels/tires.
- 3 Remove the front cowl using a T20 & T40 torque wrench.
- 4 Completely disassemble the front sub-frame of the golf cart as shown in **FIGURE 1**. Save the stock bumper bolts, nuts, & hubs for reinstallation. When the stock subframe assembly is unbolted remove the subframe/steering box assembly from the car.



- 6 Mount Jake's sub-frame (**ITEM A**) to the stock sub-frame location using the stock bumper nuts, bolts, and included washers as shown in **FIGURE 3**.



- 5 Mount Jakes steering extension (**ITEM K**) in between the stock steering brackets as shown in **FIGURE 2**. **NOTE:** Do not tighten the bolts at this time. The bottom bolt goes just below the stock steering shaft as shown in **Figure 2**.



- 7 Install both driver and passenger side top a-arms (**ITEMS F & G**) using the supplied 7/16 x 1 1/4 bolts and locknuts as shown in **FIGURE 4**.

Front Assembly

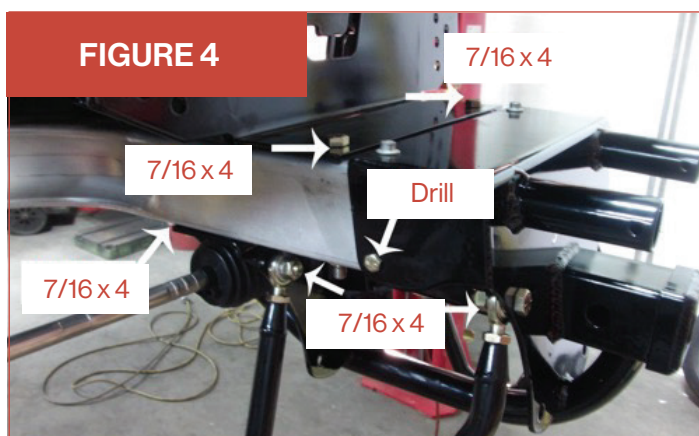
- 8 Install top frame support (ITEM B) using supplied 7/16 x 4 bolts and locknuts as shown in **FIGURE 4**.

NOTE: The 2 supplied washers go on the front bottom of the aluminum frame. Securely tighten frame support. The rear bolts get installed from the bottom for steering box clearance.

- 9 Install steering box (ITEM K) with the supplied aluminum steering box spacer to the sub-frame using the supplied 5/16 x 4 bolts and locknuts as shown in **FIGURE 5**. Using the stock pinch bolts install the stock universal joint to the steering extension and the steering box.

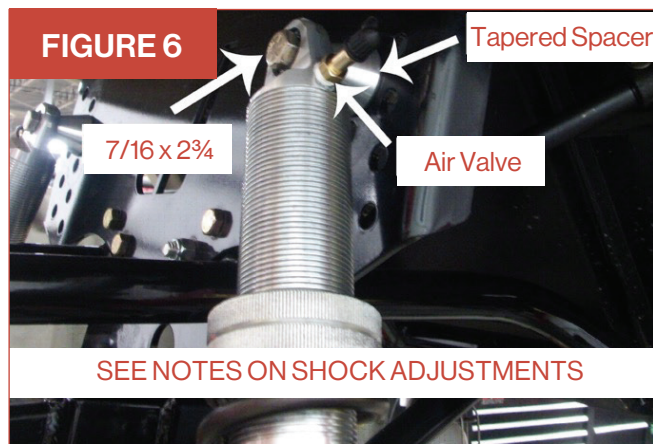
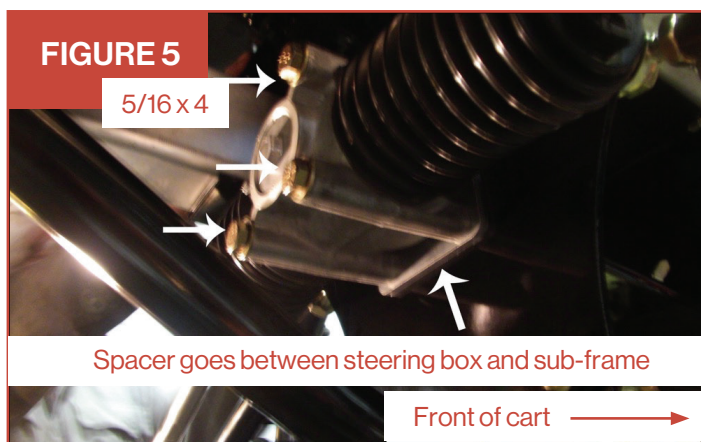
NOTE: The steering box spacer goes towards the front of the cart.

NOTE: The bottom bolt as shown in **FIGURE 2** on the steering extension needs to be just below the stock steering shaft to give you the proper length to attach the universal to the steering box.

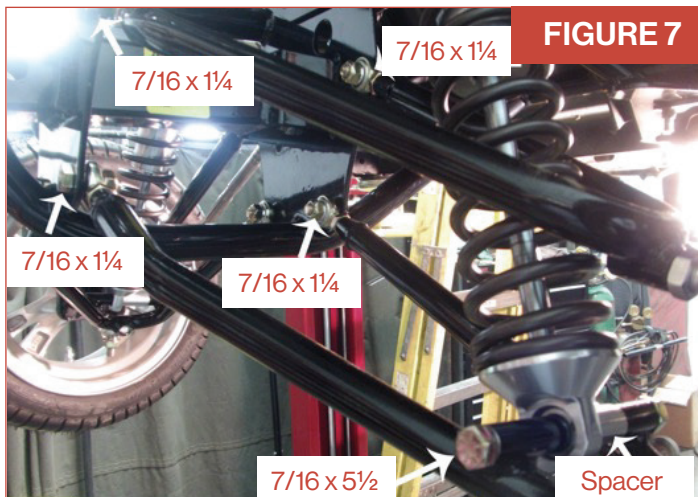


- 10 Securely tighten all steering bolts and universal pinch bolts.
- 11 Using a 1/4" drill bit drill through the box tubing of the frame using the subframe as a guide and bolt the subframe to the box tubing using the supplied 1/4 x 3 bolts, washers and locknuts. Do this to both the driver and passenger side as shown in **Figure 4**.
- 12 Mount Jake's coil over shocks to the top frame support (ITEM B) with the supplied 7/16 x 2 3/4 bolts, locknuts and tapered spacers as shown in

Figure 6. For the softest ride we recommend you install the shocks to the next to top inner hole of the J-Plate. If you want a stiffer ride install the shocks to the top hole on the outside. These are the only 2 holes you will use in the J-Plate. **NOTE:** The larger end of the tapered spacer goes to the shock mount plate and the narrower end goes to the shock as shown. **NOTE:** The shock gets installed with the air valve up as shown. We recommend the bottom nut on the shock is snug against the spring and the top jam nut is tightened against the bottom nut. The further down these nuts are the higher the cart will be in the front end.

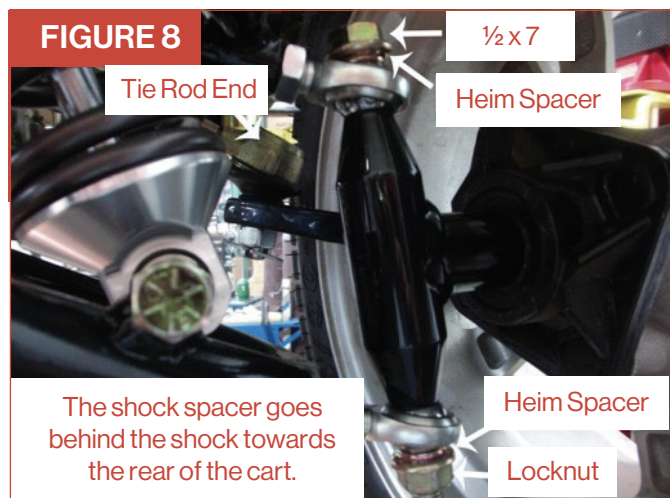


Front Assembly



13 Mount Jake's bottom A-Arms (ITEMS H & I) to the sub-frame using the supplied 7/16 x 1/4 bolts and locknuts as shown in Figure 7. **NOTE:** A-Arms are marked P-Top, P-Bottom, D-Top, D-Bottom. P=passenger side, D=Driver side.

14 Mount the shocks to the bottom A-Arms using the supplied 7/16 x 5 1/2 bolts locknuts and shock spacer as shown in Figure 7. **NOTE:** The shock spacer goes to the back side of the shock towards the rear of the cart with the beveled end against the shock.



15 Attach Jake's spindles (ITEMS O & P) to the A-Arms using the supplied 1/2 x 7 bolts, locknuts, & heim spacers as shown in Figure 8.

16 Attach the tie rod ends down through the steering arms on the spindles using the supplied hardware.

17 Install stock hubs to spindles using the supplied slotted nuts and cotter pins. Reinstall the front body to the cart using the stock hardware.

18 Install Jake's recommended 23x10.5x12 or 22x11x10 offset wheel/tires. **NOTE:** Your stock wheels/tires will not work.

19 Adjust toe-in. Proper toe-in should be approximately 1/8" in.

20 Mount Jake's stainless steel front bumper (ITEM C) to the frame using the supplied nuts and bolts.

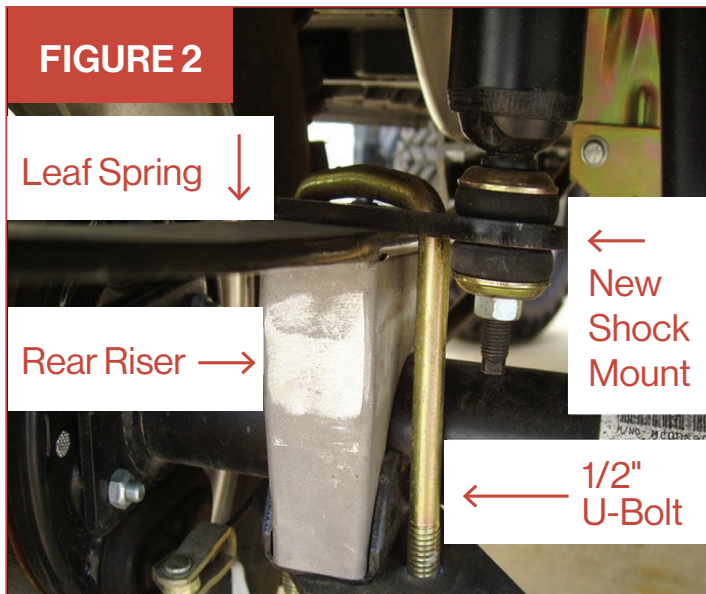
21 SECURELY TIGHTEN ALL NUTS AND BOLTS..

Rear Assembly

FIGURE 1



FIGURE 2



- 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 unhook the bottom of the rear shocks. Clean and lubricate all hardware and save 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 in the center hole of lower stock brake cable mount plate as shown in **FIGURE 1**. (Allen head up to center plate under rear axle)
- 7 The bottom two holes that the u-bolts go through need to be drilled out to $\frac{1}{2}$ ". The larger u-bolts provide maximum strength. See **FIGURE 2**.

- 8 Place Jake's rear lift mounts (**ITEM M**) over the axle, with the shortest end pointed towards the front of the cart. Line the axle with the supplied allen cap screw (**ITEM N**).
- 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.
- 10 Place Jake's top rear shock mounting plates (**ITEM Q**) over the springs with the shock mounts facing in and to the rear.

Rear Assembly

- 11** Put the U-bolts (ITEM R) through Jake's shock mount plate and through the factory shock mount plate. Using the supplied nuts, tighten the U-bolts. Securely Tighten.
- 12** Using the factory nuts and bolts attach the shocks to the new shock mounts.
- 13** Install wheels/tires.
- 14** Included is a warning label (ITEM M) 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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