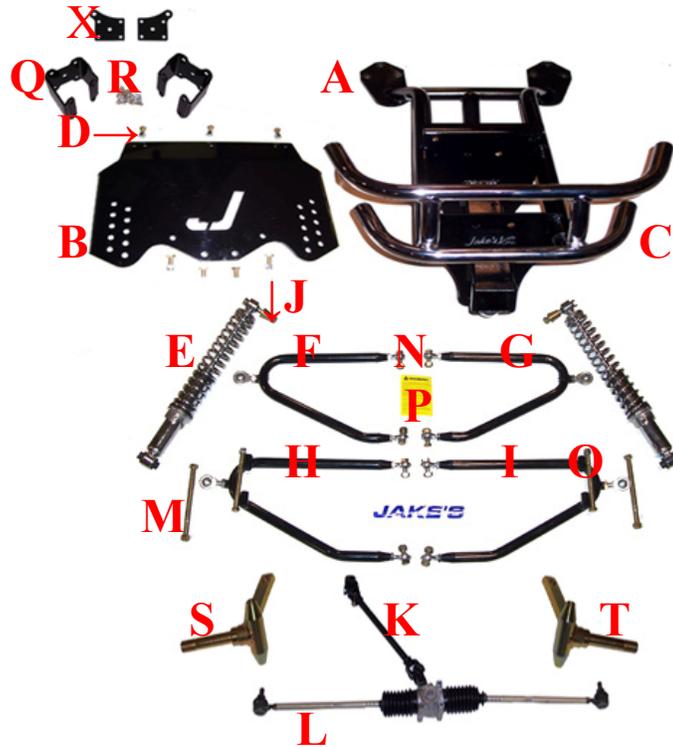


JAKES LIFT KITS

E-Z-GO 2001&1/2 & Newer

Patent Pending Long Travel Electric Lift Kit

Part# 6221



ITEM	QTY
A. JAKES SUB-FRAME	1
B. TOP FRAME SUPPORT	1
C. CHROME FRONT BUMPER	1
D. 3/8" X 1" NUTS & BOLTS FOR FRAME SUPPORT	6
E. 17" CHROME ADJUSTABLE COIL OVER SHOCKS	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
J. 7/16"X 3" BOLTS NUTS & SPACERS	2 OF EACH
K. STEERING EXTENSION	1
L. STEERING BOX	1
M. 1/2" X 6" KINGPIN BOLT AND NUT	2 OF EACH
N. 7/16" X 1 1/4" BOLTS AND NUTS	8 OF EACH
O. 7/16" X 5 1/2" BOLTS AND NUTS FOR SHOCKS	2 OF EACH
P. WARNING LABEL	1
Q. REAR LIFT MOUNTS	2 OF EACH
R. NUTS AND BOLTS FOR REAR LIFT	8 OF EACH
S. PASSENGER SIDE SPINDLE	1
T. DRIVER SIDE SPINDLE	1
U. 5/16" X 4" BOLTS & NUTS FOR STEERING BOX	3 OF EACH (NOT PICTURED)
V. 1/4" X 1 1/2" BOLT & LOCKNUT FOR STEERING EXT.	1 OF EACH (NOT PICTURED)
W. 3/8" X 1 1/4" BOLT & LOCKNUT FOR STEERING EXT.	1 OF EACH (NOT PICTURED)
X. REAR SHOCK MOUNTS	2
Z. 3/8"X 1 1/4" ALLEN BUTTON HEAD BOLT	1 (NOT PICTURED)

FRONT ASSEMBLY

1. Place the cart on jack stands.
2. Remove front tires and wheels.
3. Remove the front cowl.
4. Completely disassemble the front of the golf cart as shown in Figure 1. Save the stock leaf spring bolts & mounting plates, & hubs for reinstallation.
5. Mount Jakes sub-frame (ITEM A) to the stock leaf spring mounting location using the stock nuts, bolts and mounting plates as shown in Figure 2.
6. Line Jake's top frame support holes up with the outside holes on the frame. Using Jake's top frame support (ITEM B) as a guide, mark frame using the middle hole as a guide. Drill a 3/8" hole in the frame as shown in Figure 3 and drill the remaining 2 holes to 3/8".
7. Mount Jake's top frame support (ITEM B) to the frame and Jake's sub-frame (ITEM A) using the supplied nuts and bolts (ITEM D) as shown in Figure 4. **NOTE: Use the allen button head bolt (ITEM Z) on the third hole from the left on the bottom with the nut towards the front of the cart for steering clearance.**

Figure 1



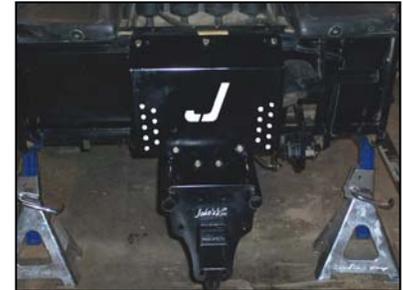
Figure 2



Figure 3



Figure 4



8. Mount Jake's coil over shocks to the top frame support (ITEM B) with the appropriate hardware (ITEM J) shown in Figure 5. **NOTE: The larger end of the shock spacer goes against the frame support. NOTE: There are 9 locations to mount your shocks. Outside holes are for a stiffer ride and inside holes are for a softer ride. The top hole on the outside is for a 4" lift. Each hole below lifts the cart an additional 1". NOTE: The shocks have 4 adjustable settings. A spanner wrench is provided for adjusting the shocks.**
9. Mount Jake's bottom A-Arms (ITEMS H & I) to the sub-frame using the appropriate hardware (ITEM N) as shown in Figure 6. **NOTE: A-Arms are marked P-Top, P-Bottom, D-Top, D-Bottom. P=passenger side, D=Driver side.**
10. Mount the shocks to the bottom A-Arms using the appropriate hardware (ITEM O) as shown in Figure 6.
11. Mount Jake's top A-Arms (ITEMS F & G) to the sub-frame using the appropriate hardware (ITEM N) as shown in Figure 7.

Figure 5



Figure 6



Figure 7



FRONT ASSEMBLY CONTINUED

12. Attach Jake's spindles (ITEMS S & T) to the A-Arms using the supplied nuts & bolts (ITEM M).
13. Mount Jake's steering extension (ITEM K) to Jake's steering box (ITEM L) using the supplied nut and bolt (ITEM W).
14. Loosely mount Jake's steering extension to the stock steering column using the supplied nut and bolt (ITEM V). Loosely mount Jake's steering box to the top frame support (ITEM B).
SECURELY TIGHTEN ALL BOLTS. NOTE: WASHERS MUST GO BETWEEN SUB-FRAME & STEERING BOX. SECURELY TIGHTEN ALL BOLTS AS SHOWN IN FIGURE 10.
15. Attach the tie rod ends to the spindles as shown in Figure 8.
16. Adjust toe-in. Proper toe-in should be approximately 1/8" in.
17. Mount Jake's chrome front bumper (ITEM C) to the sub-frame using the supplied nuts and bolts as shown in Figure 9.
18. **SECURELY TIGHTEN ALL NUTS AND BOLTS.**

Figure 8



Figure 9



Figure 10



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.
3. Unbolt the bottom of the shocks. Clean and lubricate these bolts for later use.
4. Unbolt the rear leaf springs from under the rear.
5. Put the axle through the rear risers (ITEM Q) and bolt the bottom of the risers to the stock holes for the leaf springs using the supplied nuts and bolts (ITEM T). **Note: The rear risers are made in an angle. Mount with the shorter end towards the front of the cart.**
6. Place the leaf springs on top of the risers.
7. Place JAKES rear shock plates (ITEM X) on top of the leaf springs with the shock mount holes facing the rear of the cart and towards the center. Using the stock U-bolts from the leaf springs mount the shock plates to the rear risers with the leaf springs sandwiched in between them. Make sure you tighten these bolts evenly.
8. Attach the bottom of the shocks to JAKES new shock mounts on the rear shock plates using the stock nuts and bolts.
9. Use wire ties to fasten the brake cable to either the underside of the springs or the frame.
10. Double check all nuts and bolts for tightness.
11. 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!**
12. Included is a warning label (ITEM P) which is to be placed on the steering column or another visible area and is to be read by all operators.

