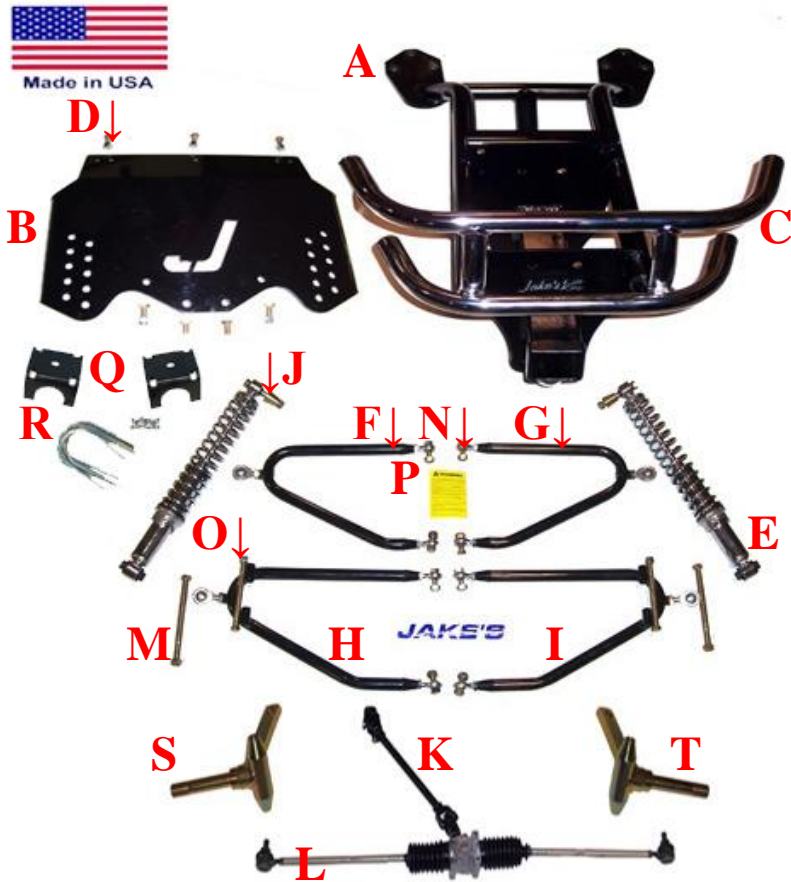


E-Z-GO Long Travel Lift Kit
2001.5-09 Gas TXT
Installation Instructions
Part# 6209
U.S.PAT. 7581740



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



Always wear appropriate eye protection!

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 Jakes 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 Jakes top frame support (ITEM B) to the frame and Jakes 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 X) on the third hole from the left on the bottom with the nut towards the front of the cart for steering clearance.**
8. Mount Jakes coil over shocks to the top frame support (ITEM B) with the appropriate hardware (ITEM J) & shock support (ITEM Y) as 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".**
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 1

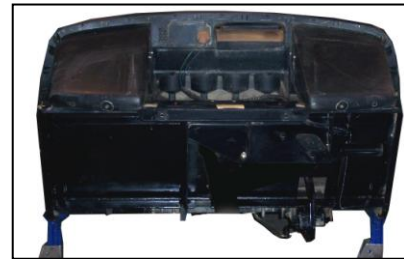


Figure 2

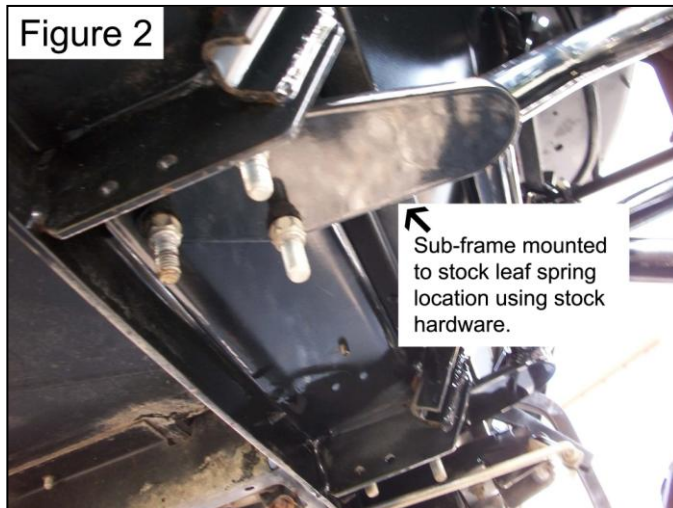


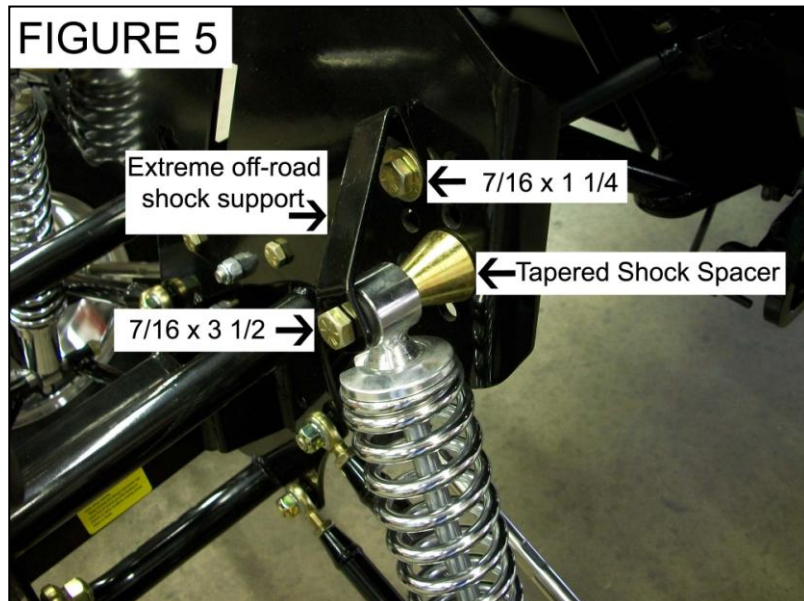
Figure 3



Figure 4

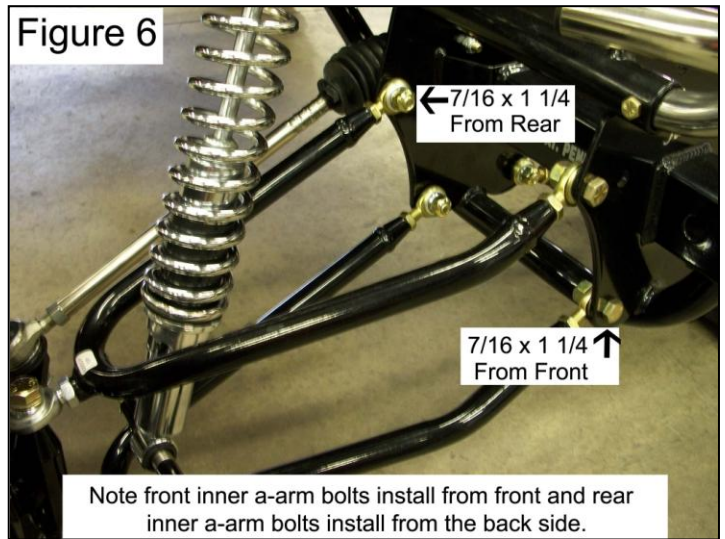


FIGURE 5



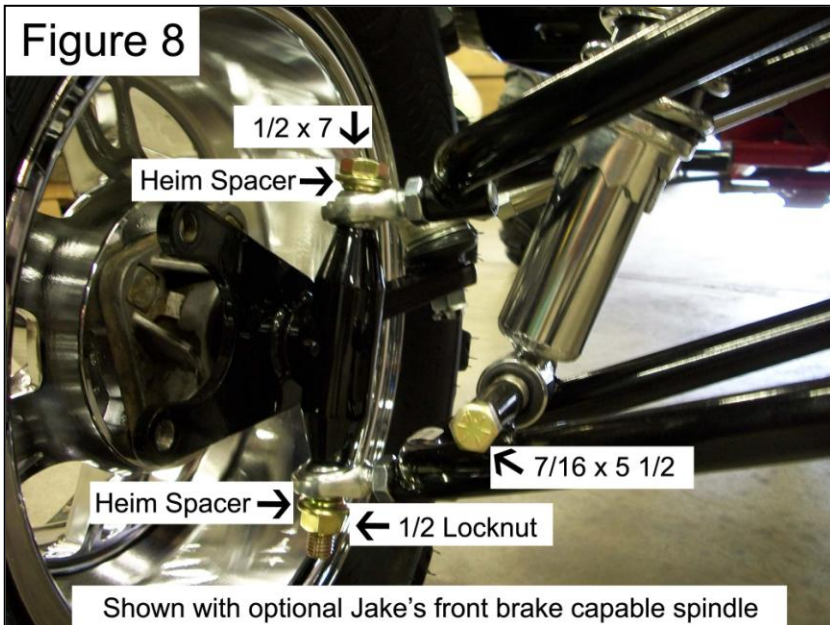
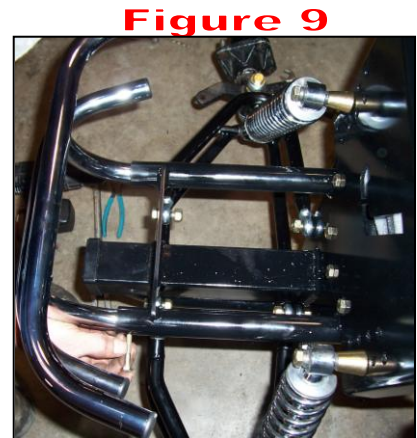
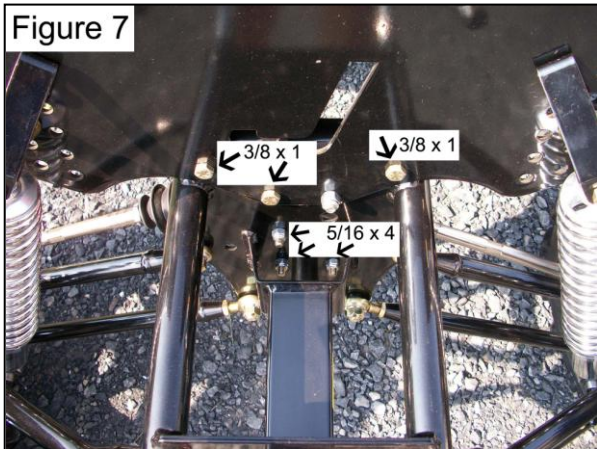
FRONT ASSEMBLY CONTINUED

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).



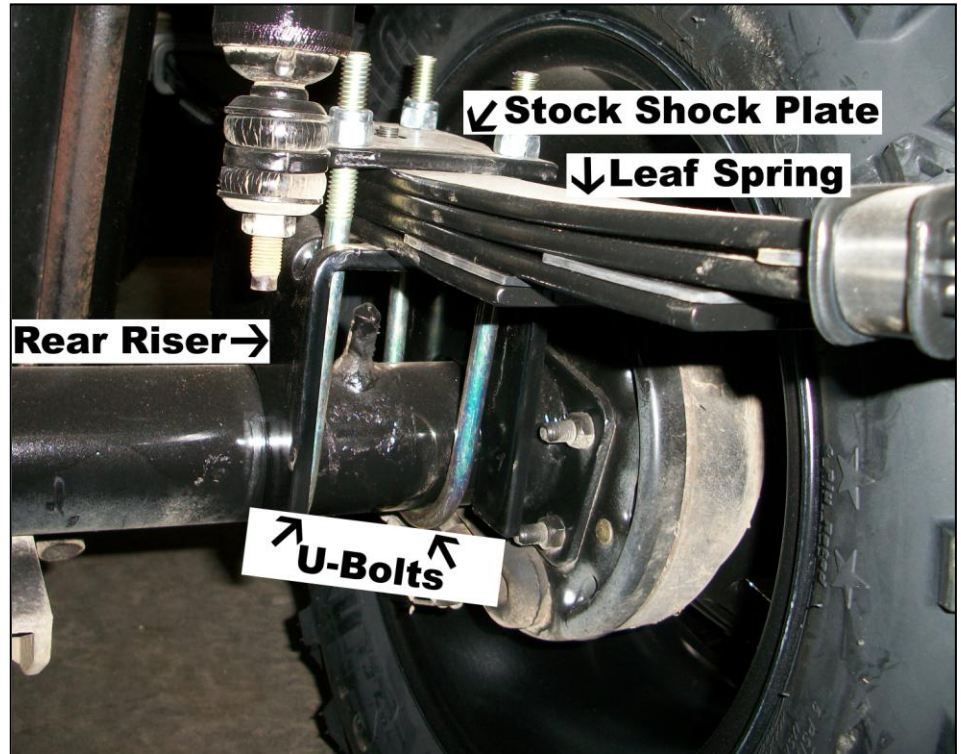
SECURELY TIGHTEN ALL BOLTS. NOTE: WASHERS MUST GO BETWEEN SUB-FRAME & STEERING BOX. SECURELY TIGHTEN ALL BOLTS AS SHOWN IN FIGURE 10.

15. Attach the tie rod ends to the spindles as shown in Figure 8.
16. Install the stock hubs to the spindles using the stock hardware.
17. Install Jake's recommended 23x10.5x12 or 22x11x10 offset wheels/tires. **NOTE: Your stock wheels/tires will not work.**
18. Adjust toe-in. Proper toe-in should be approximately 1/8" in.
19. Mount Jake's chrome front bumper (ITEM C) to the sub-frame using the supplied nuts and bolts as shown in Figure 9.
20. **SECURELY TIGHTEN ALL NUTS AND BOLTS.**



REAR INSTALLATION

1. Jack up the rear end of the cart and place jack stands on the frame in front of the springs. Place a car jack under the rear-end housing. 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. Remove the aluminum/rubber ISO mount and leaf springs from the cart. The ISO mount will not be reused. Save the stock leaf spring bolts and nuts for reinstalling the leaf springs. Using the car jack lower the rear-end of the cart.
5. Place JAKES rear riser (Item Q) on the axle as shown in the picture. Use the centering pin as a guide as to where the riser should be placed.
6. Place the leaf springs on top of the rear risers. Bolt the front of the springs into place.
7. Place the stock shock plate on the top of the springs. Bolt the rear together as shown in the picture using the supplied u-bolts and nuts (Item R). Bolt the rear of the springs into place using the stock bolts.
8. Attach the bottom of the shocks to the new location of the shock mounts using the stock bolts.
9. Double check all nuts and bolts for tightness.
10. Install wheels/tires.
11. 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.



Indemnification And Insurance Agreement

High Performance Enhancement Kit purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Nivel LLC, from any and all claim, liability, responsibility, and persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to high performance enhancement lift kits. The High Performance Enhancement Kit purchaser also shall indemnify Nivel LLC harmless with respect to any and all liability that may be incurred.

Golf Cars are recommended for use only by those aged 16 and older. Golf Cars can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Nivel LLC reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models, or equipment without notice and without incurring any obligation.



866-405-2537

www.jakesliftkits.com

© Copyright Nivel LLC
All Rights Reserved