

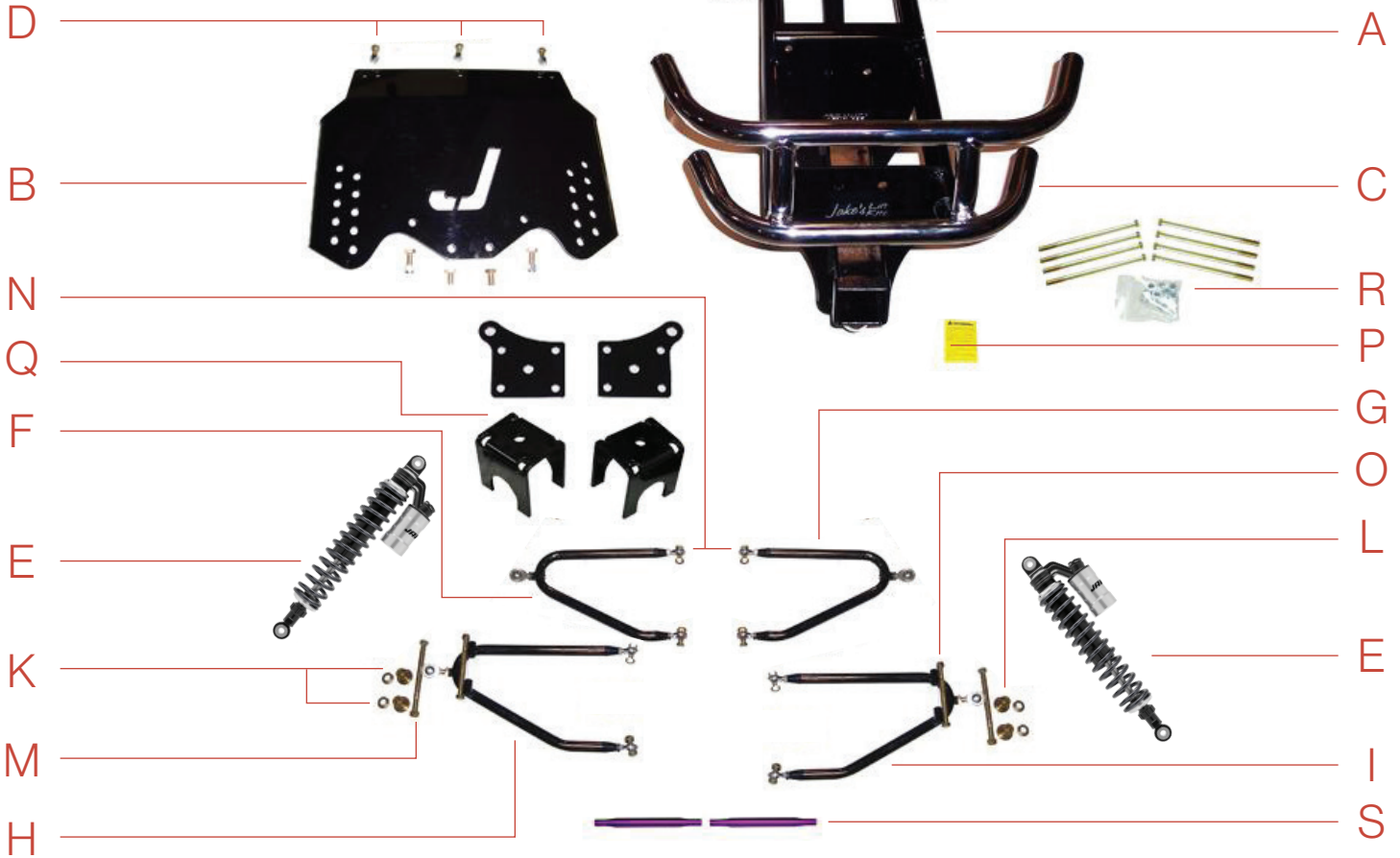


INSTALLATION INSTRUCTIONS

Part 16-778

Long Travel Travel Lift Kit for Electric
EZGO TXT 1994-2001.5

Parts Diagram



CalloUT	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	7
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
J	7/16" X 3 1/2" BOLTS NUTS & SPACERS (NOT PICTURED)	2/EA

K	HIEM SPACERS FOR TOP & BOTTOM OF HIEM	4
L	KINGPIN BUSHINGS	4
M	1/2" X 6 1/2" KINGPIN BOLT & NUT	2/EA
N	7/16" X 1 1/4" BOLTS & NUTS	8/EA
O	7/16" X 5 1/2" BOLTS & NUTS FOR SHOCKS	2/EA
P	WARNING LABEL	1
Q	REAR RISERS & REAR SHOCK PLATES	2/EA
R	3/8" X 6 1/2" BOLTS & NUTS FOR REAR LIFT	8/EA
S	TIE RODS (PART # 6210 ARE PURPLE)	2
T	SHOCK SUPPORTS W/ 7/16" X 1 1/4" BOLTS & NUTS (NOT PICTURED)	2/EA

EA=EACh



*Always wear appropriate
eye protection!*

Front Assembly



FIGURE 1



FIGURE 2



FIGURE 3

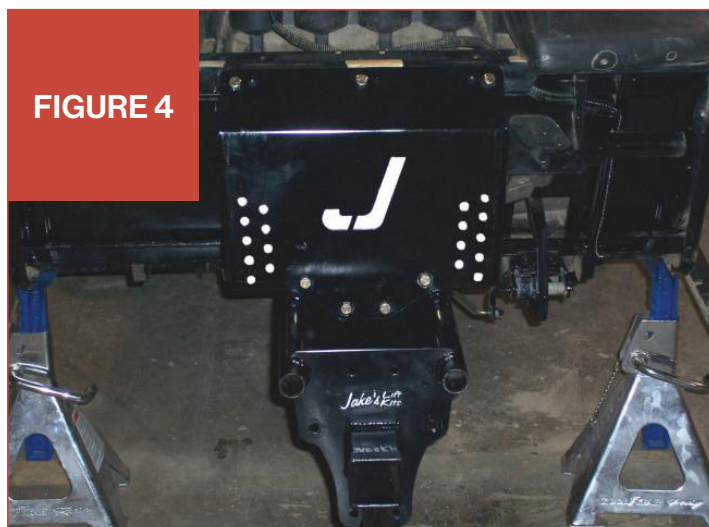


FIGURE 4

- 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, stock spindles, hubs and tie rod ends 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 Using Jakes top frame support (**ITEM B**) as a guide mark frame using the middle hole. Drill a $\frac{3}{8}$ " hole in the frame as shown in **Figure 3** and drill the remaining 2 holes to $\frac{3}{8}$ ".

- 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**.

- 8 Mount Jakes coil over shocks to the top frame support (**ITEM B**) with the appropriate hardware (**ITEMS J & T**) shown in **Figure 5**.

NOTE: The larger end of the shock spacer goes against the frame support.

NOTE: There are several 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: WE DO NOT RECOMMEND THIS KIT BE SET HIGHER THAN 6" DUE TO FACTORY STEERING LIMITATIONS.

Front Assembly

FIGURE 5

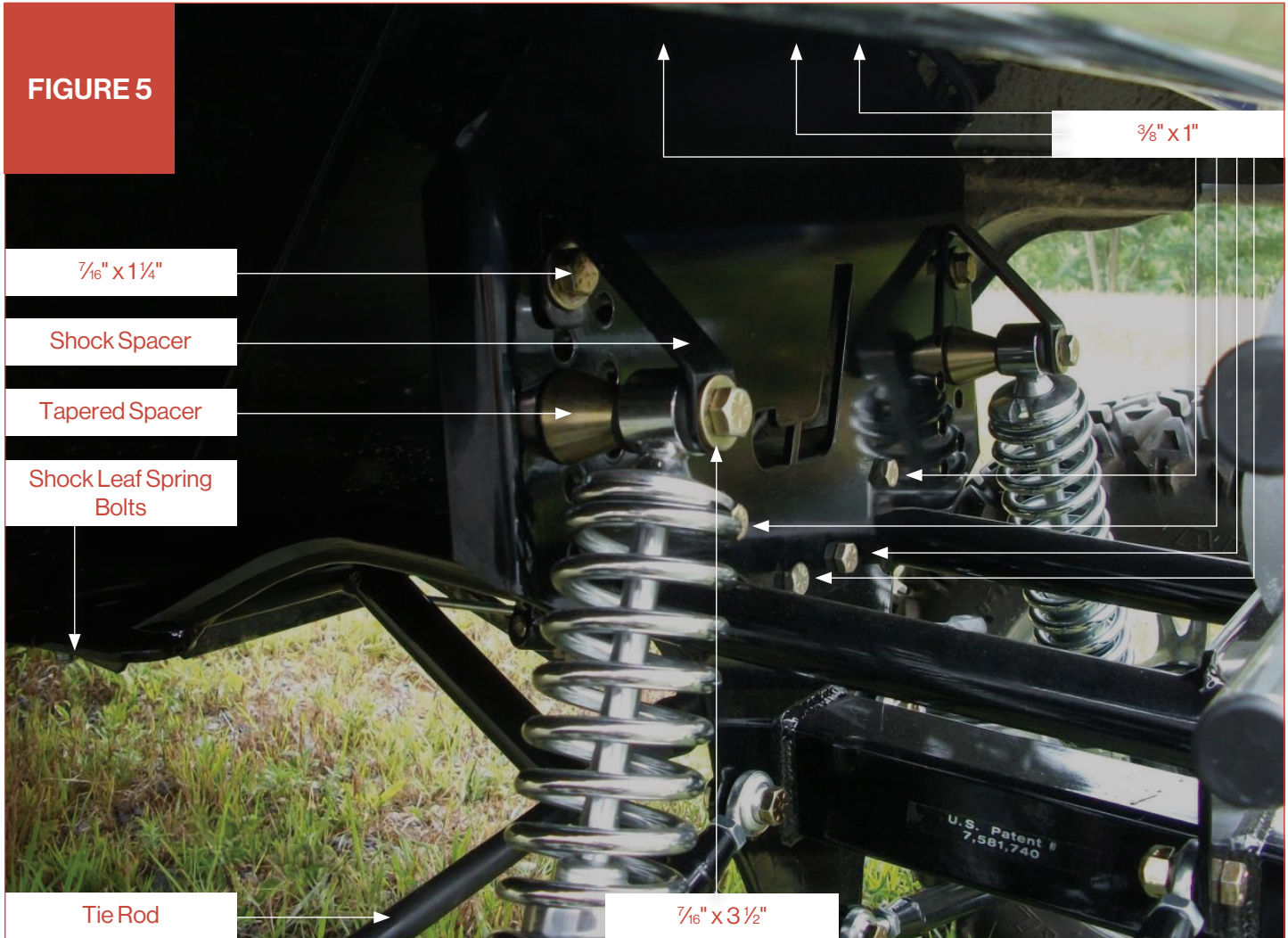
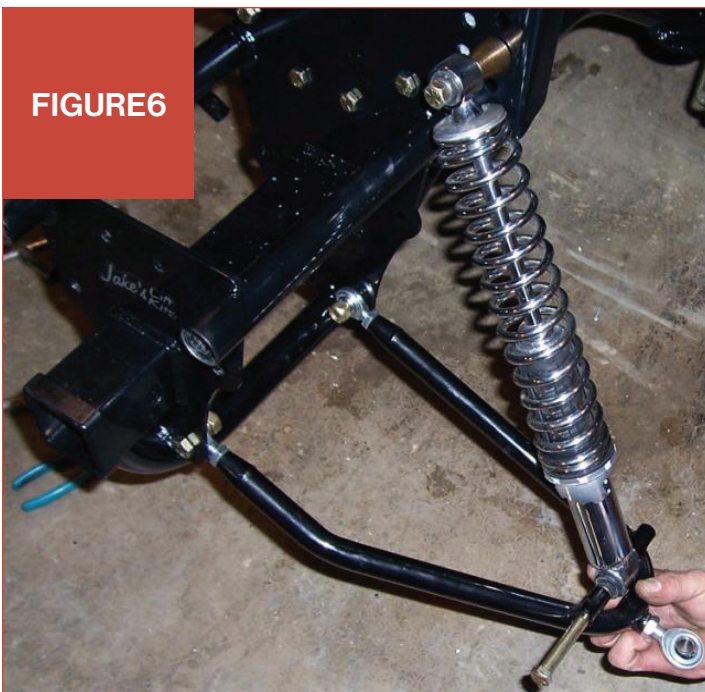


FIGURE 6



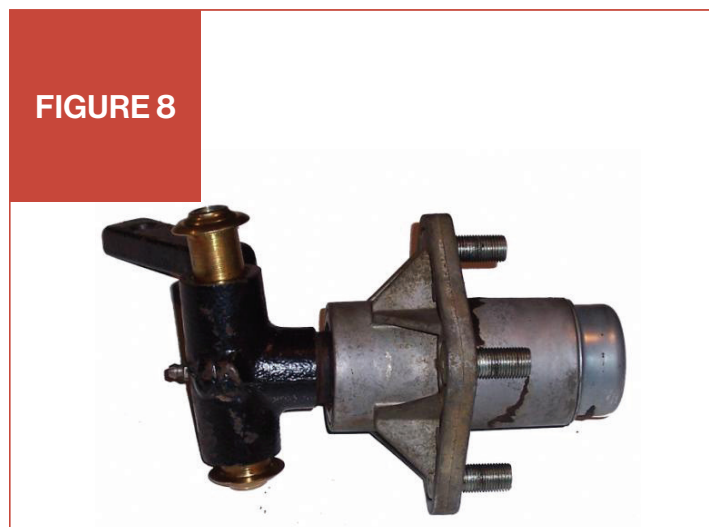
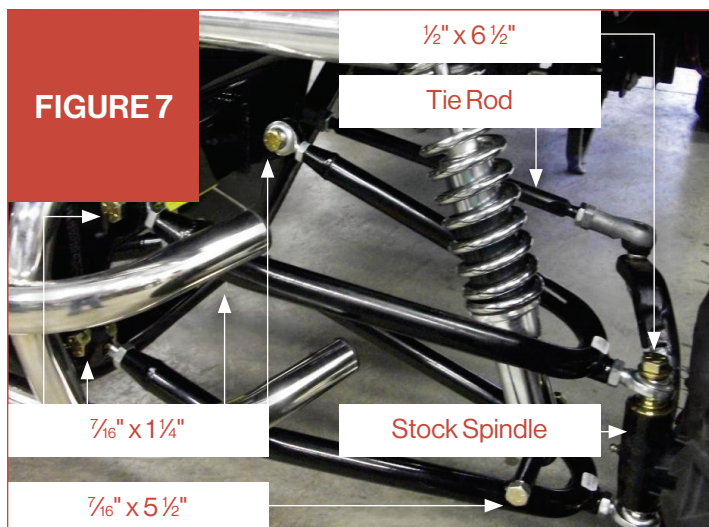
9 Mount Jake's bottom A-Arms (**ITEMS H & I**) to the sub-frame using the appropriate hardware (**ITEM N**) as shown in **Figure 6**.

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**.

Front Assembly



12 Place the kingpin bushings (ITEM L) in the stock spindles as shown in Figure 8.

13 Attach the spindles to the A-Arms using the supplied nuts, bolts (ITEM M) and heim spacers (ITEM K) as shown in Figure 9.

14 Take the stock tie rods ends and attach them to Jake's tie rods.
NOTE: Tie rods are left hand thread on one end and right hand thread on the other end. Attach tie rods to the steering box and to the steering arms on the spindles.

15 Install the stock hubs to the spindles using the stock hardware.

16 Install Jake's recommended 23" x 10.5" x 12" or 22" x 11" x 10" offset wheels/tires.

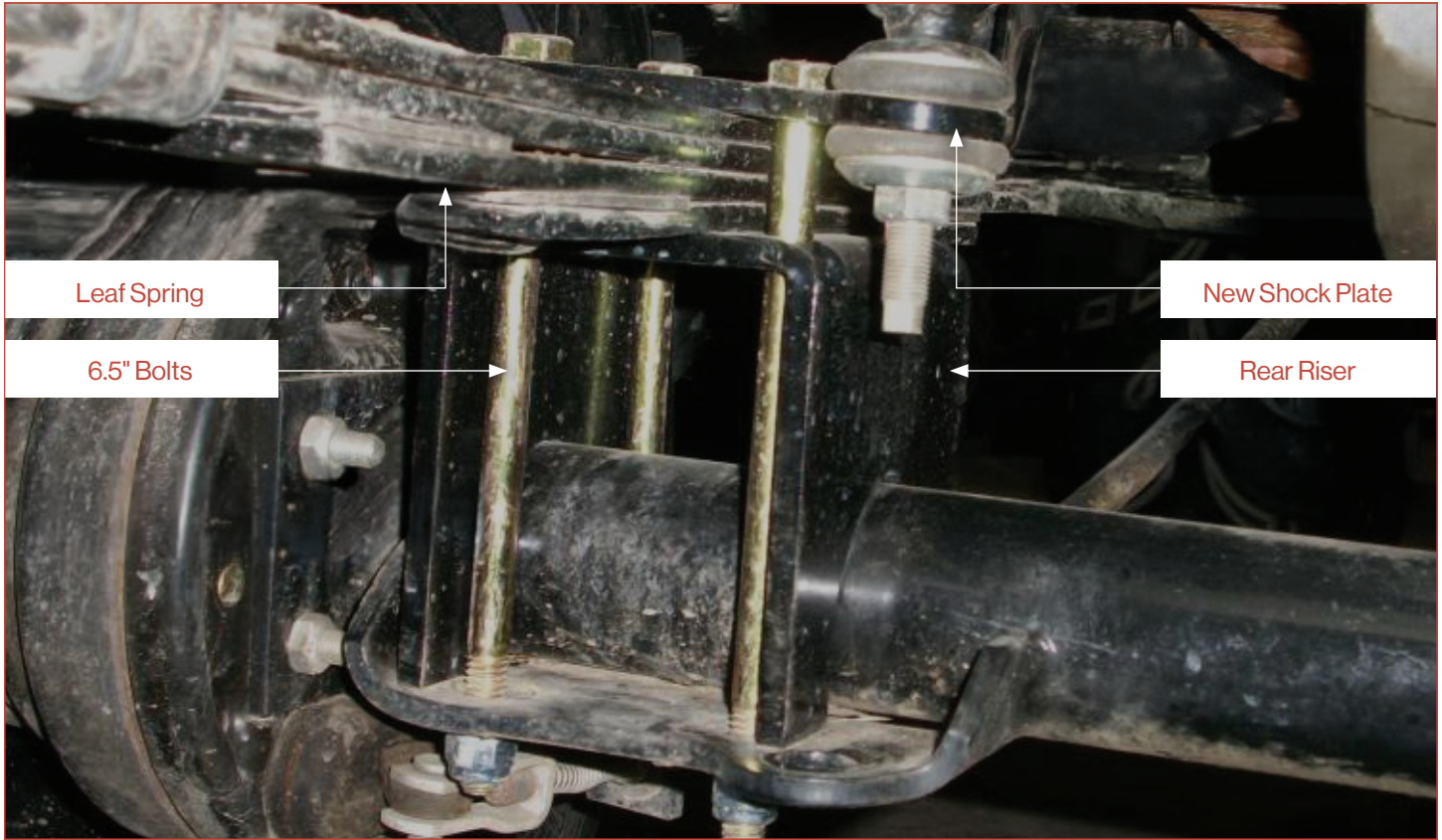
NOTE: Your stock wheels/tires will not work.

17 Adjust toe-in. Proper toe-in should be approximately $\frac{1}{8}$ " in.

18 Mount Jake's chrome front bumper (ITEM C) to the sub-frame using the supplied nuts and bolts as shown in Figure 10.

19 SECURELY TIGHTEN ALL NUTS AND BOLTS.

Rear Assembly



- 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 of the cart. 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 end. Save the stock leaf spring bolts for reinstallation. Using the car jack lower the rear-end of the golf cart.
- 5** Place JAKES rear risers (**ITEM R**) on top of the axle.
NOTE: Parts are universal. There is no left or right side.
- 6** Place the leaf springs on top of the risers. Using the stock hardware loosely bolt the front of the leaf spring stock leaf spring mount.
- 7** Place JAKES rear shock plates (**ITEM Q**) on top of the leaf springs with the shock mount holes facing the rear of the cart and towards the center. Using the supplied nuts & bolts (**ITEM S**) mount the shock plates to the rear risers with the leaf springs sandwiched in between them. The bolts go through the new shock mount, rear risers, and stock shock mount. Make sure you tighten these bolts evenly.
- 8** Using the stock hardware bolt the rear leaf spring to the stock rear leaf spring mount. 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** Securely tighten all nuts/bolts.
- 11** Install wheels/tires.
- 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.



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