

# LKT YA3 3003 LIFT KIT Installation

## Instructions for Yamaha G14/16/19/20/21 Models



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Page 1 of 2

### FRONT INSTALLATION

1. Remove the front bumper.
2. Raise the front of the cart and place it on jack stands. You will be installing larger wheels and tires, so raise the cart high enough to accommodate the additional height.
3. Remove the front wheels.
4. Remove the cotter pins and bolts from both the left and right steering arms. Remove the steering arms. (*Discard these bolts. Longer bolts are supplied in the kit for use when reinstalling the steering arms with the new aluminum riser blocks.*)
5. Use a drift punch to drive the split roll pins out of the spindles. Remove the king pins and clean and lubricate them for later use. Remove the spindle from the stock A-arms.
6. Remove the lower shock bolts.
7. Remove the cotter pins and bolts from the stock A-arms. Remove the A-arms. Save the nuts, bolts and cotter pins for installing the new A-arms.
8. Install the new A-arms (**Items A&B**). Do not tighten at this time.
9. Install the lower bolt of the shock to the 3rd hole from the spindle end of the A-arm. Do not tighten at this time.
10. Clean and lubricate the spindles. Install the spindles on the new A-arms using the king pins and the split roll pins that were removed in step 5. Make sure the thrust washer is on the top end of the spindle.
11. Install both the steering arms along with the two new aluminum riser blocks (**Item C**). Use the longer bolts provided in the kit. Make sure the machined slot in the riser blocks faces forward and inward to provide clearance.
12. Securely tighten all bolts. Reinstall cotter pins in the A-arm bolts.
13. Install the recommended wheel and tire size (*22 x 11 x 8 or 22 x 11 x 10 tire and rim with 3 x 5 offset*) for maximum performance and stability. **NOTE: Your stock wheels and tires will NOT work!**
14. Take the cart off the jack stands and lower the cart.
15. Drive cart forward 10-20 feet and check the toe-in. (*Proper toe-in should be approximately 1/8" out.*)
16. Reinstall the front bumper.

### REAR INSTALLATION

1. Remove the rear body assembly.
2. Remove the rear sway bar at the frame end. (*Driver's side*)
3. Raise the rear of the cart and place the frame on jack stands. (*Make sure you raise the cart high enough for larger tires.*)
4. Remove the rear tires.
5. Remove the rear shocks.
6. Install the rear goalpost (**Item E**) with the welded ears on each end facing downward and slightly forward towards the front of the cart. The U-shaped goalpost will mount in the existing top shock mount holes using the original bolts and nuts.
7. Install the shock to the goalpost using the new bolts and nuts provided in the kit. (*You may need to oversize the lower shock mount holes enough to eliminate shock bind.*)
8. Install the new sway bar bracket (**Item F**) to the driver's side of the cart and reconnect the sway bar. (*Some carts may require enlarging the left rear bag-well hole down through the frame with a 3/8" drill bit to secure the sway bar.*) **NOTE:** The extension bracket for the sway bar mount (**Item G**) is used on 1995-1996 G14 models only.
9. Securely tighten all bolts.
10. Install your new wheels and tires and lower cart to the floor. **NOTE: Your stock wheels and tires will NOT work!**
11. Reinstall the rear body assembly.
12. Make sure you have enough length for the choke cable, ground wires, vacuum lines, fuel lines and the electrical wire. (*The choke in some cases, may need to be lowered in the body 1" – 2" and remounted for adequate length.*)
13. Included is a warning instruction label (**Item O**) which is to be placed on the steering column or other visible area and must be read by all operators.
14. Double check all the bolts for tightness.

**NOTE: Some vehicles may need the inner fenders heated, reformed, or cut for tire clearance.**

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## LTK YA3 3003 Lift Kit Parts List

ITEM	QTY.
A. Driver Side A-Arm	1
B. Passenger Side A-Arm	1
C. Aluminum Steering Arm Riser	2
D. Bolts for Risers	4
E. Rear Goalpost (Shock Extension)	1
F. Rear Sway Bar Mount	1
G. 4" x 2" x 1/4" Sway Bar Extension Plate (only for 1995/96 G14 models)	1
H. 3/8" x 2 1/2" Bolt	1
I. 3/8" Self-Locking Nut (3 for 1995/96 G14 models)	4
J. 3/8" Flat Washers	1
K. 1/2" x 1" Bolt	1
L. 1/2" Self-Locking Nut	1
M. 3/8" x 2 1/4" Bolts	2
N. 3/8" x 1 1/4" Bolt (only for 1995/96 G14 models)	1
O. Warning Label	1



### INDEMNIFICATION AND INSURANCE AGREEMENT

Lift kit installation should be performed by a professional. The lift kit purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Mattison Avenue Corporation (dba Buggies Unlimited), from any and all claim, liability, responsibility, and damage, or any costs or expenses resulting from any loss of life or injuries or claimed injuries to persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to lift kits. The lift kit purchaser also shall indemnify Mattison Avenue Corporation (dba Buggies Unlimited) and save Mattison Avenue Corporation (dba Buggies Unlimited) harmless with respect to any and all liability that may be incurred.

Golf carts are recommended for use only by those aged 16 and older. Golf carts 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. Buggies Unlimited reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models or equipment without notice and without incurring any obligation.

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