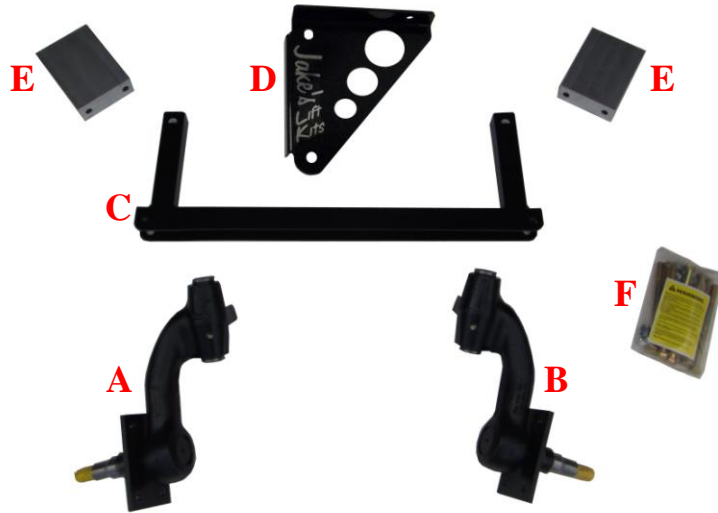


**Yamaha 6" Spindle Lift
Adventurer 2
Installation Instructions
Part# 7437
U.S. Patent 7185901**

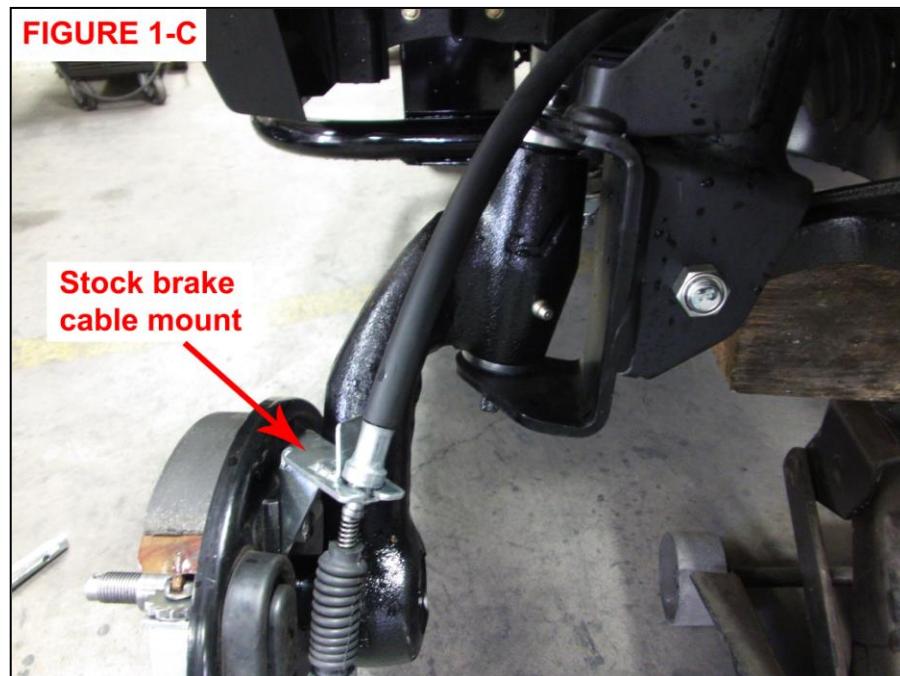
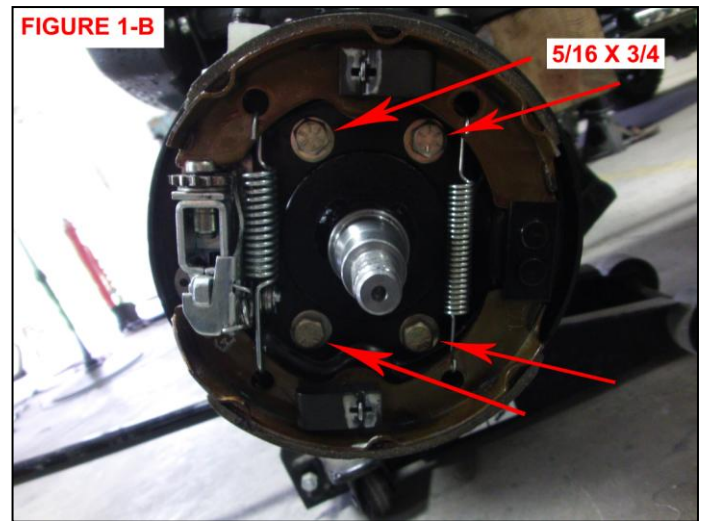
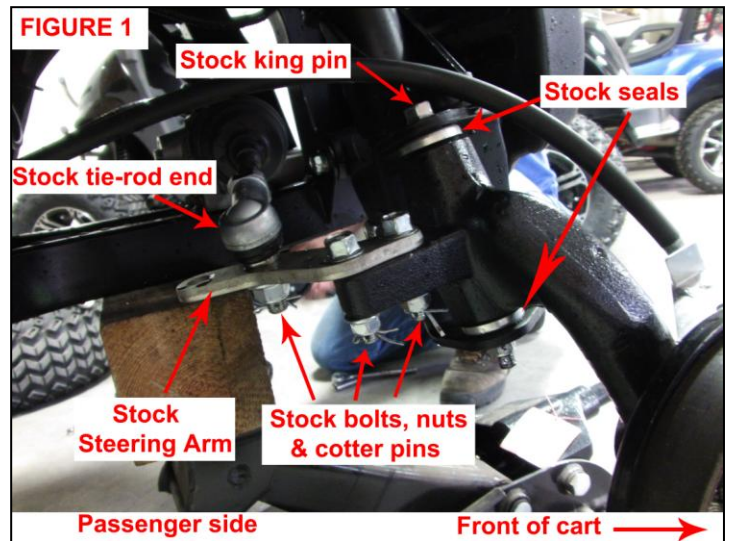


<u>ITEM</u>	<u>QUANTITY</u>
A. PASSENGER SIDE SPINDLE	1
B. DRIVER SIDE SPINDLE	1
C. REAR GOALPOST	1
D. REAR SWAY BAR MOUNT	1
E. REAR SWAY BAR BLOCK	2
F. BOLT KIT	1

 *Always wear appropriate
eye protection!*

FRONT INSTALLATION

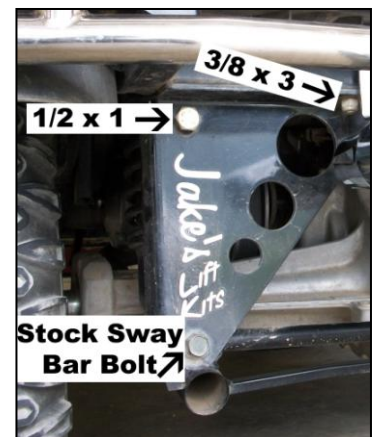
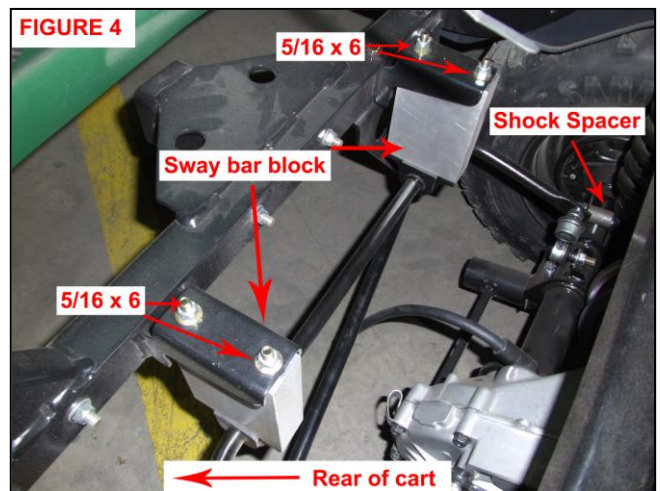
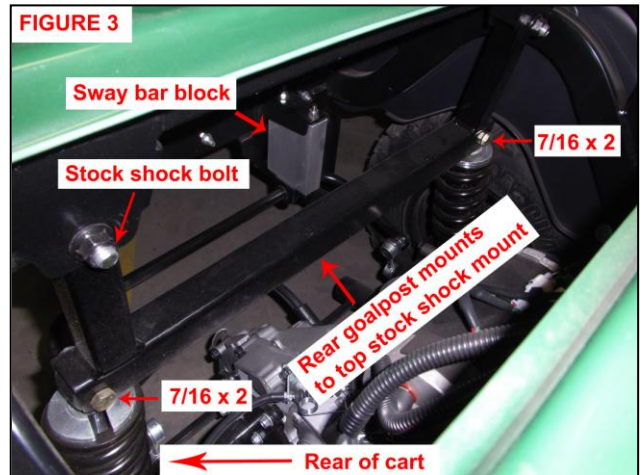
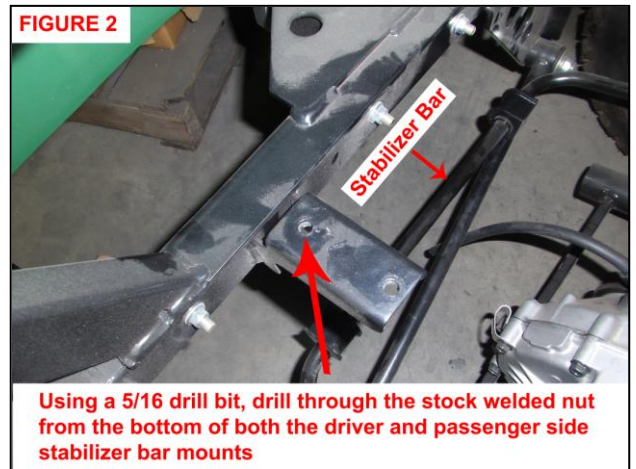
1. Jack up the front end of the cart and place it on jack stands.
You will be installing larger wheels and tires so raise the cart high enough to accommodate for the additional height.
2. Remove the wheels and tires.
3. Remove the tie rod ends & all cotter pins from the spindles.
Save for reinstallation.
4. Remove the hubs. Remove the brake drums from the spindle by taking out the 4 stock bolts (save the stock brake cable mount, let the brakes hang until reinstallation) Remove the stock spindles. Remove the stock spindle sleeve from the stock spindles. Clean and lubricate these bolts, nuts, spindle sleeve & seals for the installation of the Jake's spindles.
5. Install the stock spindle sleeve and seals to JAKES spindles (Items A & B). Install Jakes spindles (Items A & B) to the cart using the stock king pin and cotter pins as shown in FIGURE 1.
6. Using the supplied 5/16 x 3/4 bolts, washers, crimped locknuts & stock brake cable mount reinstall brake drums to the new front spindles as shown in FIGURE 1-B & 1-C. **NOTE: The bolt heads and washers go towards the outside of the cart as shown in FIGURE 1-B.** Reattach brake cable to stock brake cable mount.
7. Using the stock hubs and nut place the hubs on the new spindles.
8. Attach the stock steering arms to the spindles using the stock bolts as shown in FIGURE 1. Steering arms are universal. Mount the steering arms so it angles towards the center of the cart. Reattach the tie rod ends to the stock steering knuckles the same way they were taking off as shown in FIGURE 1.
9. Securely tighten all bolts. Make sure all stock cotter pins are reinstalled or replaced.
10. Install JAKES recommended 22 x 11 x 10 wheels and tires with a 3 x 5" offset for maximum performance and stability.
NOTE: Your stock wheels and tires will NOT work!
11. Take the cart off of the jack stands and lower the cart.
12. Drive the cart forward 10-20 feet and check the toe-in. (Proper toe-in should be approximately 1/8" in)



REAR INSTALLATION

1. Raise the rear of the cart and place the frame on jack stands.
(Make sure you raise cart high enough for larger tires.) Place a car jack under the rear-end housing.
2. Remove the rear tires.
3. Unbolt the rear sway bar from the rear driver side mount.
Unbolt the rear stabilizer bar from both the driver and passenger side stock mounts as shown in FIGURE 2.
4. Using a 5/16" drill bit, drill **FROM THE BOTTOM** through the stock existing welded nuts on both the driver and passenger side stabilizer bar mounts as shown in FIGURE 2.
5. Unbolt the rear shocks. Using the car jack lower the rear-end of the cart.
6. Install JAKES rear goalpost (Item C) to the **TOP STOCK SHOCK MOUNT LOCATION** as shown in FIGURE 3.
NOTE: The "J" in the center of the rear goalpost should be facing the rear of the cart.
7. Install the shock to the goalpost using the 7/16 X 2 bolts and locknuts. Place the supplied spacer (Item F) to the stock bottom shock mount location. Mount the bottom of the shock to the front of the stock shock mount using the supplied 7/16 x 3 1/2 bolts and locknuts as shown in FIGURE 4.
8. Install the sway bar blocks (Item E) to stock stabilizer bar mounts and stock stabilizer bar using the supplied 5/16 x 6 bolts and locknuts as shown in FIGURES 3 & 4. **NOTE: There is a counter sunk hole on each of sway bar blocks. These counter sunk holes are to clear the rear stock welded nuts you drilled out earlier.**
9. Install JAKES new triangular shaped sway bar bracket (Item D) to the driver's side of the cart using the supplied nuts and bolts as shown. 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.)
10. 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!
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 lowered in the body 1 – 2" and remounted for adequate length.)
13. Included is a warning label (Item F) which is to be placed on the steering column or another visible area and is to be read by all operators.
14. Double check all of the bolts for tightness.

NOTE: Inner fenders & rockers may need heated, reformed or cut for tire clearance.



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.

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