



16-009

6 INCH

A-ARM LIFT KIT

WILL FIT YAMAHA® DRIVE®

INSTALLATION INSTRUCTIONS



INCLUDED:



## WARNING:

After installing this lift kit, the front wheels must be properly aligned. Failure to properly align the front wheels may result in decreased ability to control the Golf Cart which may result in a rollover or crash.

1

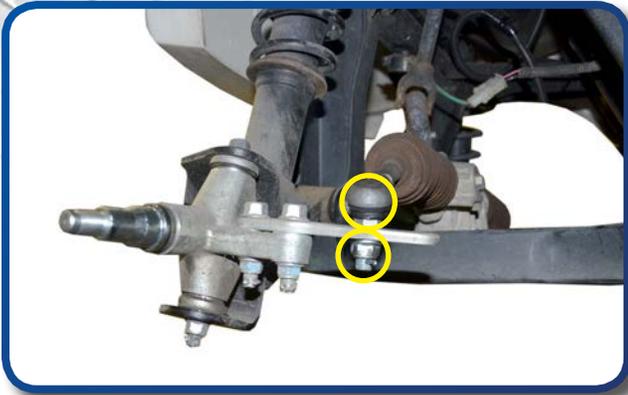
Engage Park Brake. Raise cart with lift and support with jack stands. Remove front wheels. Remove front bumper. Retain hardware



2

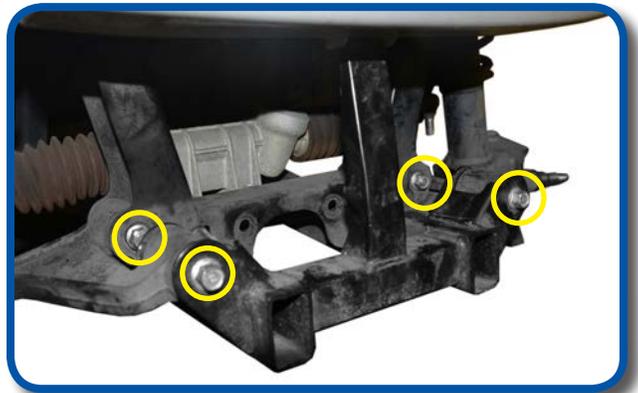
Remove bumper brackets.

3  
Remove dust cover, cotter pin, and hub.  
Retain hardware.



4  
Disconnct ball joint by removing cotter pin and castle nut. Separate ball joint from spindle. Retain hardware.

5  
Remove bolts from control arm assemblies.



6  
Remove upper bolts from shocks to remove control arm assembly. Retain hardware.

7  
Attach rear of Main Suspension Assembly to cart frame using provided U-bolts.

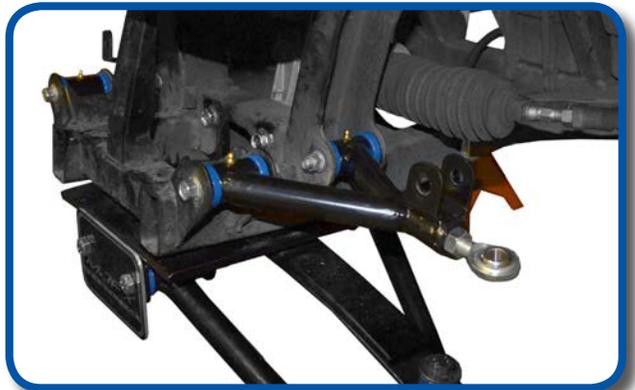


8  
Attach front of Main Suspension Assembly to frame as shown using provided hardware.

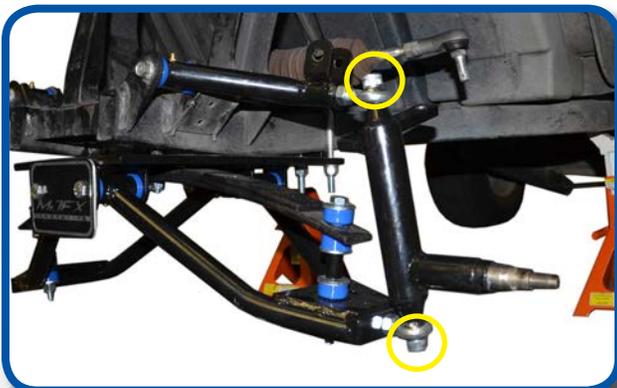


9  
Attach A-Arms using hardware retained from Step 5.

**IMPORTANT:** Ensure the angled portion of the A-Arm is facing towards the front of the cart.



10  
Apply thread locking adhesive to provided bolts' threads and attach spindle to A-Arm and Lower Control Arm.



11  
Attach lower portion of shock to A-Arm.  
Attach tie rod to spindle as shown.



12  
Attach upper shock using retained hardware from Step 6.



13  
Attach hub and dust cover using retained hardware. Install wheels.



14  
Chock front wheels. Lift cart and place jack stands to secure cart. Leave jack in place to assist with reassembly.



# 15

Remove motor cover and retain.



# 16

Remove upper bolt from rear shocks on both sides. Retain hardware.

# 17

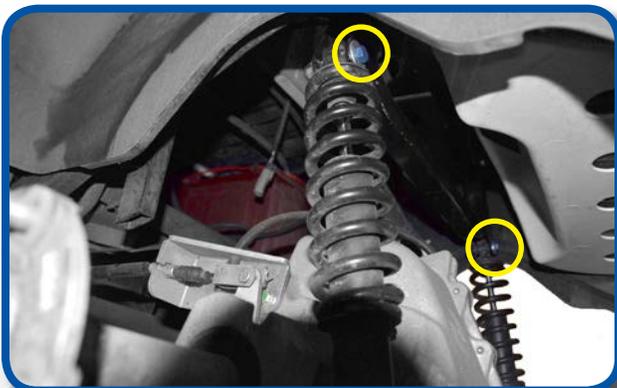
Attach Rear Mounting Bracket using retained hardware from step 17.

**IMPORTANT:** Be sure the ends of the bracket are angled towards the front of the cart.



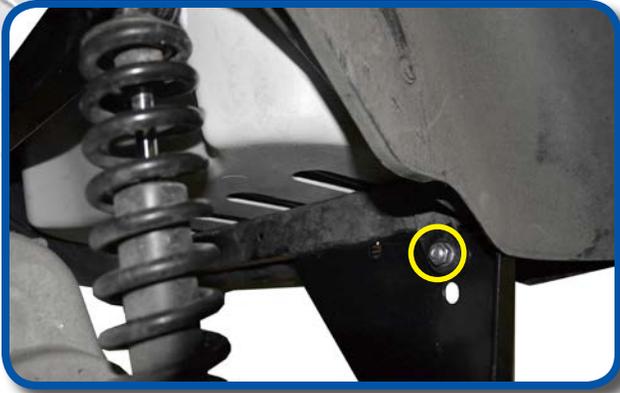
# 18

Attach upper portion of rear shock to rear mounting bracket using hardware retained from Step 16.



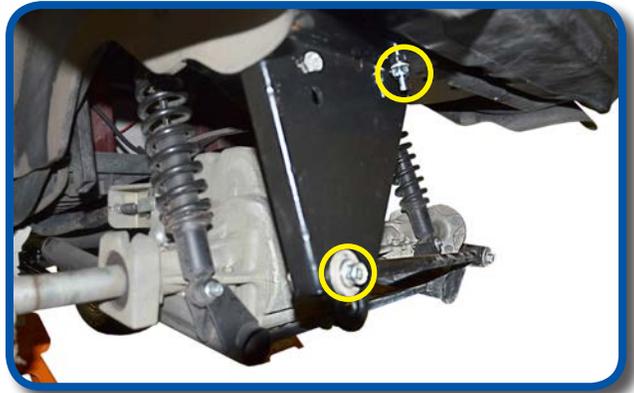
19  
Drill hole through the bagwell in the location shown.

**IMPORTANT:** Be sure to drill straight down through entire frame.



20  
Attach sway bar bracket using hardware provided.

21  
Attach hardware through bagwell to sway bar bracket. Attach the sway bar to the sway bar bracket.



# ALIGNMENT INSTRUCTIONS

## WARNING:

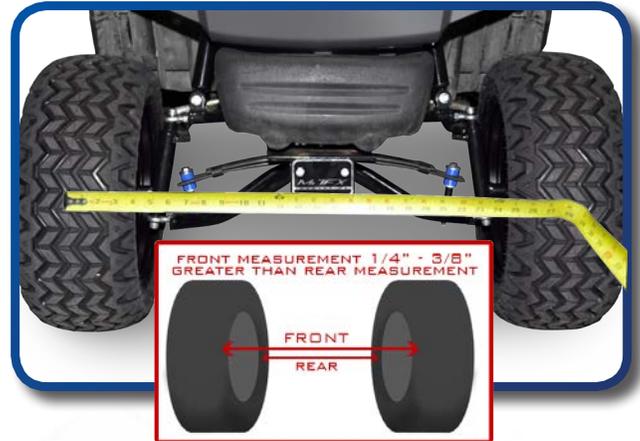
After installing this lift kit, the front wheels must be properly aligned. Failure to properly align the front wheels may result in decreased ability to control the Golf Cart which may result in a rollover or crash.

**IMPORTANT:** Both Camber and Toe must be adjusted on this model.

Once installation is complete and the wheels have been reinstalled, roll the cart forward 5-6 feet.

Ensure the wheels are pointing straight forward. To adjust Toe, find a common point to measure from on the inside front and inside rear of the front tires. Adjust until the front measurement is 1/4" to 3/8" greater than the rear measurement.

To adjust for proper camber, use a framing square, level, or some other means of verifying that the tire is at a 90 degree angle to the ground.



To adjust toe-in/toe-out, loosen nut on tie rod end (A). Adjust using a wrench to desired alignment.

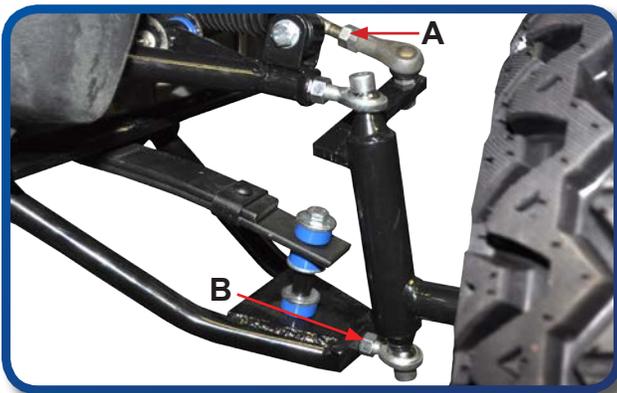
**IMPORTANT:** Ensure that after this adjustment, both wheels toe out from the cart's centerline equally.

To adjust camber (the vertical tilt of the wheels) to 90 degrees using the two nuts on the bottom heim joint (B).

If adjusting the camber to 90 degrees is not possible using only the adjustment on the bottom heim joint, then the top heim joint must be disconnected from the spindle and rotated as necessary to achieve the correct camber.

**IMPORTANT:** Exposed tie rod threading should be equal on both tie rods. Be sure to retighten all adjustment points after adjustments are made.

Once tightened, roll the cart back 5-6 feet and then forward again to check.



## INSTALLATION COMPLETE

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