



16-016/16-008

# 6 INCH A-ARM LIFT KIT

WILL FIT YAMAHA® DRIVE®

## INSTALLATION INSTRUCTIONS

### TOOLS NEEDED:

(NOT SUPPLIED)

- 14mm socket
- 17mm socket
- 19mm socket
- 14mm wrench
- 17mm wrench
- 11/16 wrench
- 3/8 allen wrench
- 7/16 drill bit

### INCLUDED:



Main Suspension Assembly



2 A-Arms

2 U-Bolts



2 Spindles

2 Shocks



Sway Bar Bracket

Rear Bracket

# 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

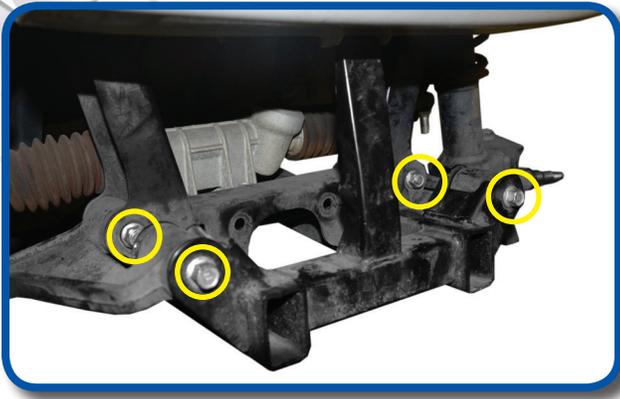
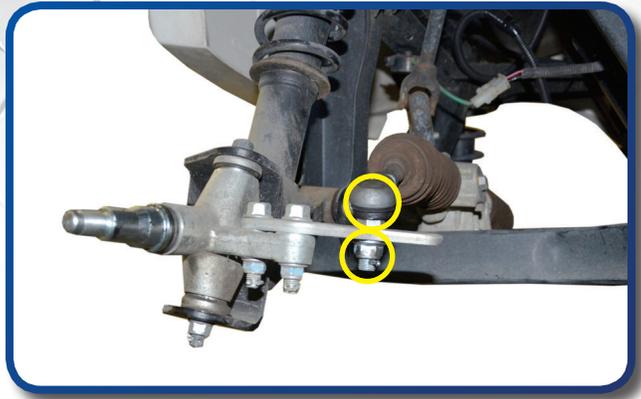
Engage parking brake and switch cart to "off" Also make sure Tow/Run switch is in Tow Position. Raise cart with jack, support with jack stands under frame. Remove front bumper. Retain hardware.



Use 19mm socket remove front wheels and then remove dust cover, cotter pin, and hub. Retain hardware.

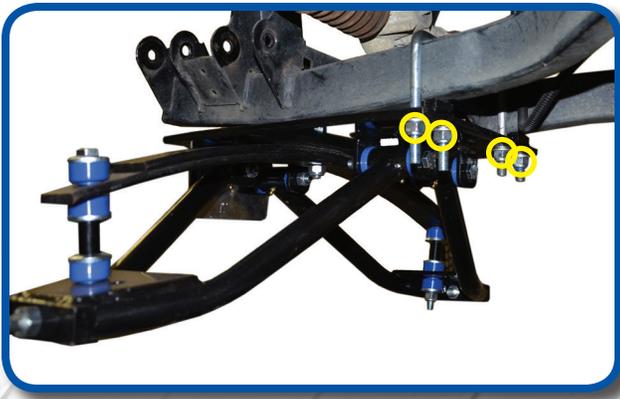
# 2

Using a 17mm socket and 11/16 wrench. Disconnect steering linkage by removing cotter pin and castle nut. Separate ball joint from spindle. Retain hardware.



Using 14mm wrench and socket. Remove bolts from control arm assemblies. Retain hardware.

Using 14mm wrench and socket remove upper bolts from shocks to remove control arm assembly. Retain hardware.



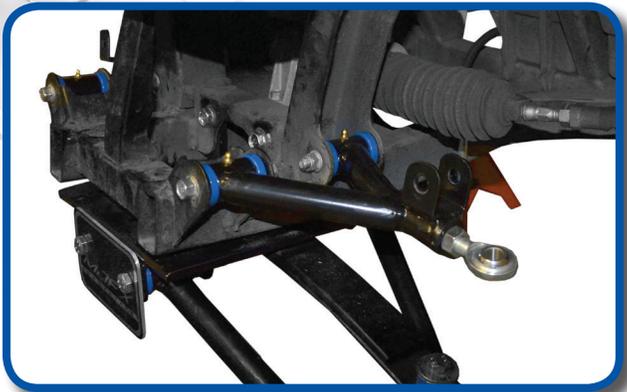
To attach main suspension assembly, install supplied U-Bolt on rear of assembly. Do not tighten.

Now using provided hardware. Attach assembly to frame as shown. Tighten all bolts and U-bolts using 17mm socket.



Attach upper A-arms using the 14mm socket and hardware retained from Step 5.

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

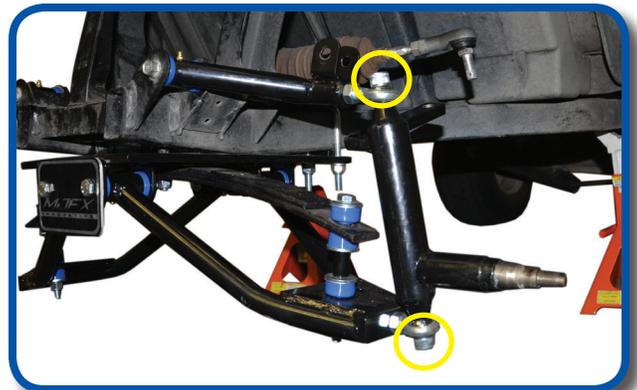


**NOTE: Grease all fittings before proceeding**

*Note: Before attaching spindles, adjust heim joints so there is approximately 1/4" of thread showing.*

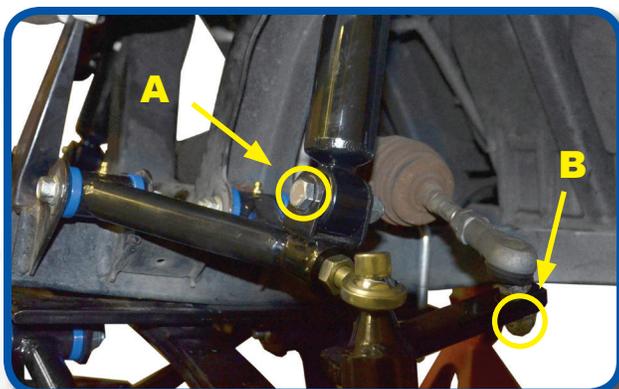
Attach Spindles to Main Suspension Assembly and Upper A-Arms using supplied allen head cap screws.

**\*Do not use thread locking adhesive until alignment is completed at the end of installation.**

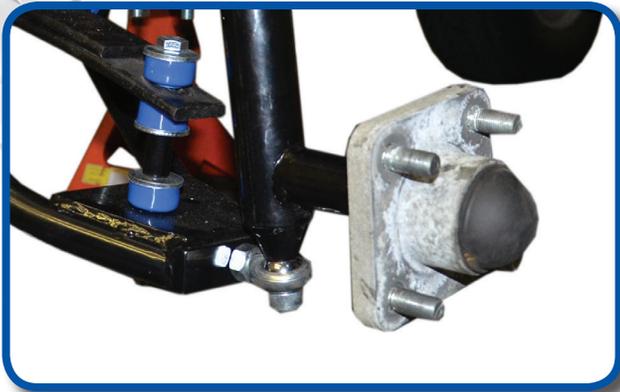


A) Using 14mm socket and wrench attach supplied shock to upper A-arm.

B) Attach steering linkage to new spindle as shown.



Using 14mm socket and wrench attach new shock to cart shock mount using retained hardware from step 5.



Attach hub and dust cover using retained hardware. Install wheels and re-attach bumper.

Chock front wheels. Lift cart and place on jack stands to secure cart. Leave jack in place to assist with reassembly installation. Using 19mm socket, remove rear wheels.



Remove motor cover and retain.

15  
Using 14mm socket and wrench remove upper bolt from rear shocks on both sides. Retain hardware.

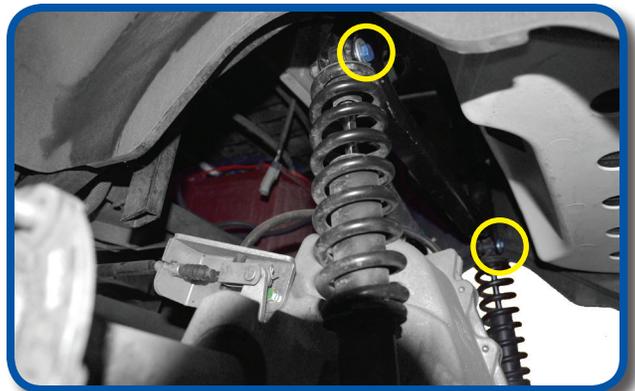


16  
Using 14mm socket and wrench to attach Rear Mounting Bracket with retained hardware from step 15.

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



17  
Using 17mm socket and wrench attach upper portion of rear shock to rear mounting bracket using supplied hardware and tighten.



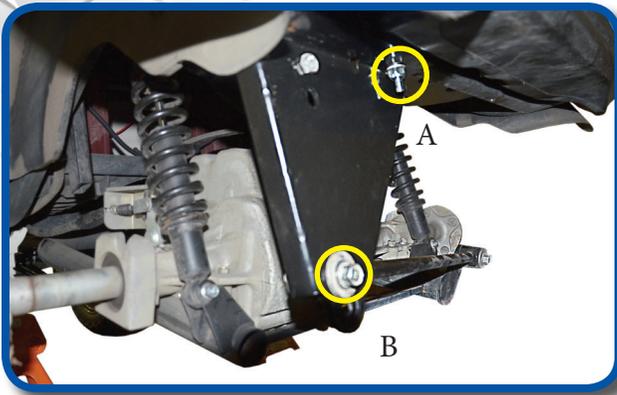
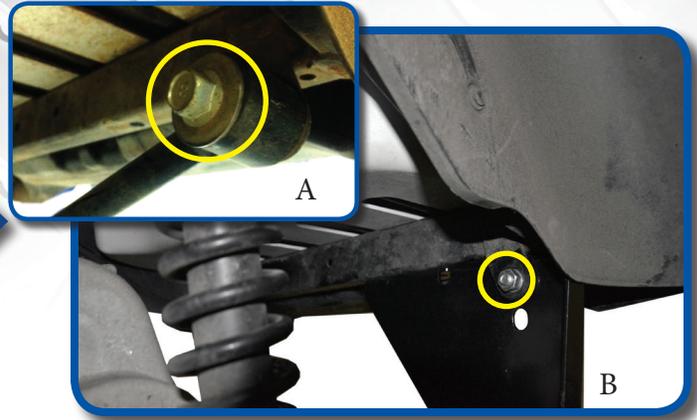
18  
Use 10mm socket to remove bolt from bagwell. Drill 7/16 hole through the bagwell in the location shown.

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



19

(A) Using 17mm wrench and socket remove factory bolt at sway bar.  
(B) Now attach new sway bar bracket using 10x25mm hardware provided. Do not tighten.



20

(A) Using supplied 10x90mm bolt. Insert through 7/16 hole drilled in bagwell and secure new sway bar bracket.  
(B) Attach sway bar to new bracket as shown using retained hardware using 17mm socket and wrench tighten all hardware.

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Side skirt must be trimmed to accept larger wheels and tires. See Pic.



# 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.

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.

Adjust camber 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 (C) 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.

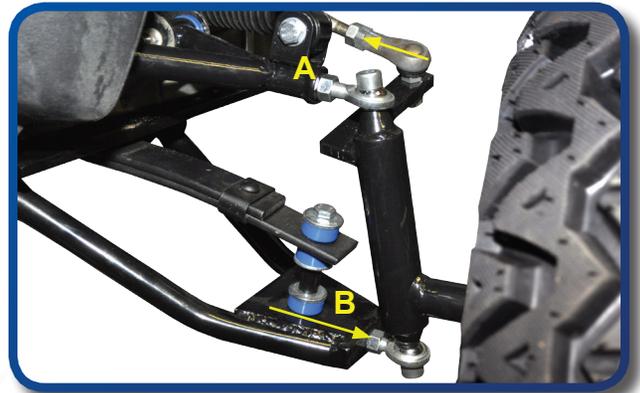
**\*Use thread locking adhesive on heim joints once desired camber is achieved.**

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.

Loosen nut on tie rod end (A) and adjust using a wrench. Tighten nut on rod end when complete.

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

Once tightened, roll the cart back 5-20 feet and then forward again to check.



## INSTALLATION COMPLETE

VISIT [WWW.MYMAJAX.COM](http://WWW.MYMAJAX.COM) FOR MORE INSTALLATION VIDEOS

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**16-016 - MADJAX 6" A-ARM LIFT KIT FOR YAMAHA DRIVE**  
**WARRANTY PARTS**  
**EXPLODED VIEW DIAGRAM**

