



# 16-020 5 INCH DROP AXLE LIFT KIT

WILL FIT E-Z-GO® TXT®

## INSTALLATION INSTRUCTIONS

### TOOLS NEEDED:

14mm Socket  
16mm Socket  
19mm Socket  
11/16 Socket  
5/8 Socket  
14mm Wrench  
16mm Wrench  
19mm Wrench  
11/16 Wrench

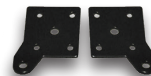
### INCLUDED:



Main Axle Assembly



Spindles



2 Rear Shock  
Mounting Plates



2 Rear Lift Blocks



2 Spacers



4 U-Bolts



## WARNING



- To reduce risk of accidents and injury or death -

### Be Prepared

-Wear seat belt, motorcycle helmet, eye protection and protective gear.

-Keep your body completely inside the vehicle at all times. Keep both hands on the steering wheel. Be sure passenger is seated, belted, and holding onto the handholds.

### Be Qualified and Responsible

-This vehicle is intended for use only by an operator 16 or older with a valid motor vehicle license.

-Passenger and driver must be able to place both feet flat on the floorboard while seated upright with their backs against the seat backs.



### Avoid Rollovers and Crushing Injuries

-Use care when turning:

-Turning the steering wheel too far or too fast can result in a rollover or loss of control.

-Slow down before entering a turn.

-When making tight turns from a stop, or at slow speeds, avoid sudden or hard acceleration.

-Avoid sideways sliding, skidding, or fishtailing, and never do donuts.

-Drive straight up and down inclines, not across them, if crossing a hill is unavoidable, drive slowly and turn downhill immediately if you feel the vehicle may tip.

**Abrupt maneuvers or aggressive driving have caused rollovers- even on flat, open areas**

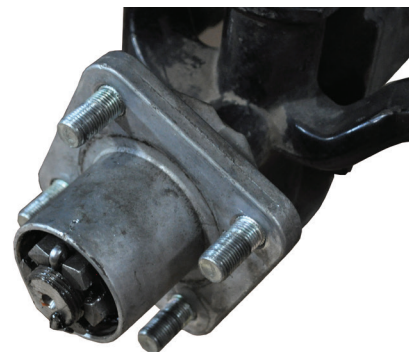
**MUST BE  
16 or Older**



# 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.

Engage parking brake and chock rear wheels. Raise Golf Cart with lift and use jack stands. Using 19mm socket remove front wheels and dustcaps. Now remove cotter pin, castle nut and hub. Retain hub and hardware.

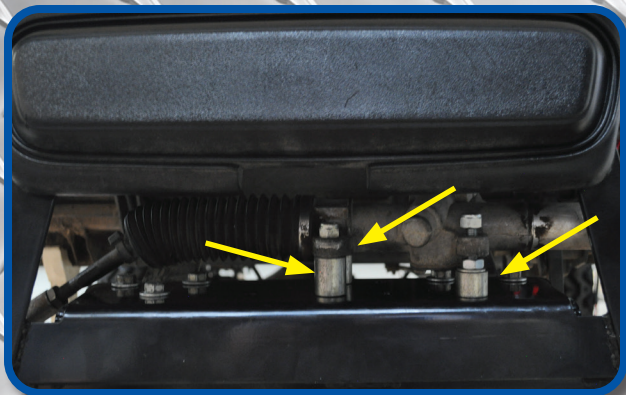


Disconnect steering tie rod by removing cotter pin and castle nut (11/16" Socket)

Remove tie rod ends from both sides of drag link using a 16mm socket and 11/16" wrench.







Using 16mm socket and wrench. Remove three bolts from rack and pinion. Retain hardware.

4

Using a 14mm wrench. Remove the lower washer, bushing, and nut from shock. Push shock up and out of the way. Retain Hardware. Repeat on other side.



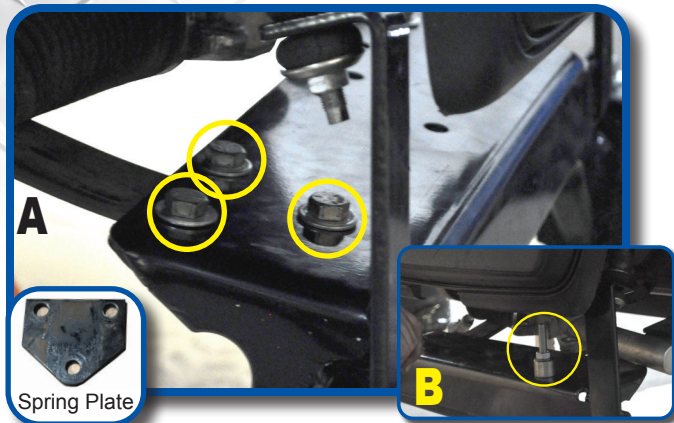
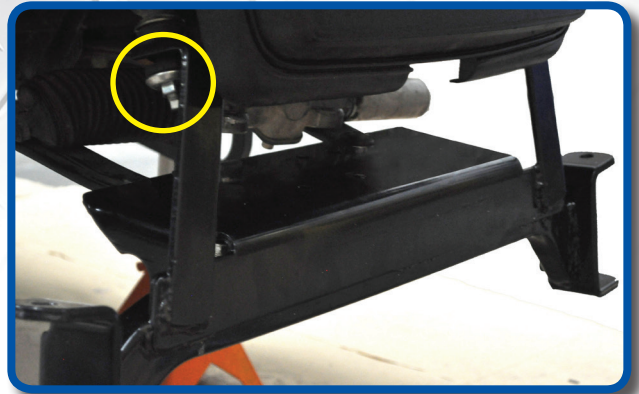
Using 16mm socket and wrench. Remove five bolts from factory axle. Retain shock plates and hardware.

6



Place Main Axle Assembly on leaf spring. Pull shocks down and attach to Main Axle Assembly to hold in place.

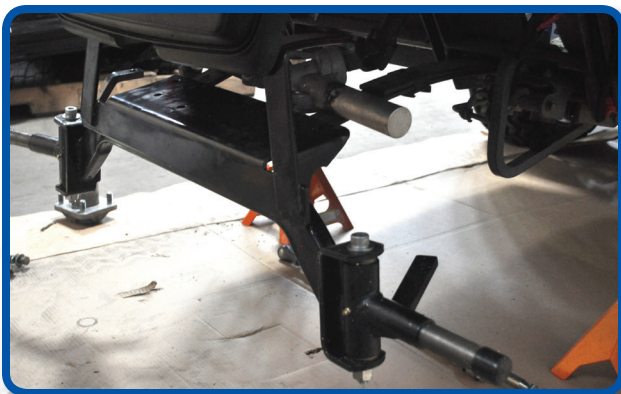
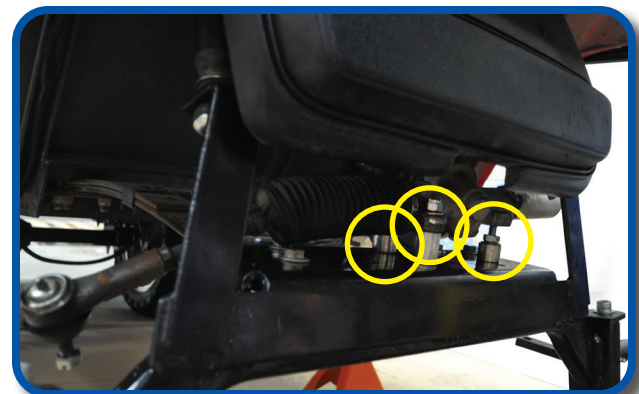
*\*A floor jack is recommended to help hold suspension assembly in place while you get your bolts started.*



(A) Re-attach spring plates to Main Axle Assembly using retained hardware from Step 6. Tighten hardware.

**(B) NOTE:** Make sure to install the longest bolt in the front hole of the driver's side as shown. Shortest of the three spacers go here.

Using 5/8 socket and wrench reattach rack and pinion to Main Axle Assembly using hardware retained from Step 4 and tighten.



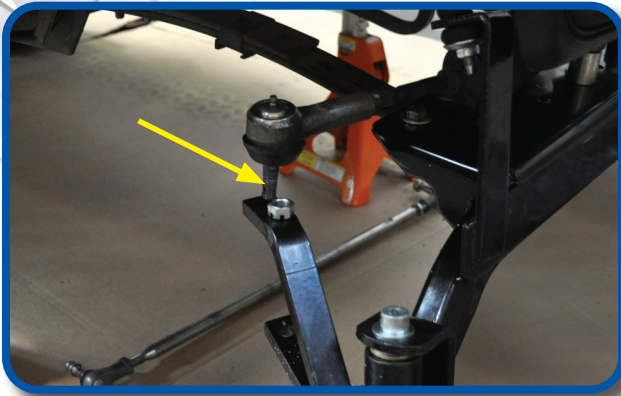
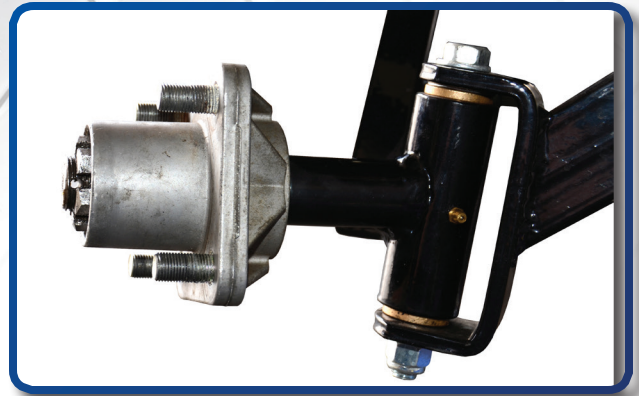
Using 19mm socket and wrench attach new spindles.

**NOTE: Grease spindles**



# 11

Reattach factory hubs to spindles using hardware retained from Step 1.

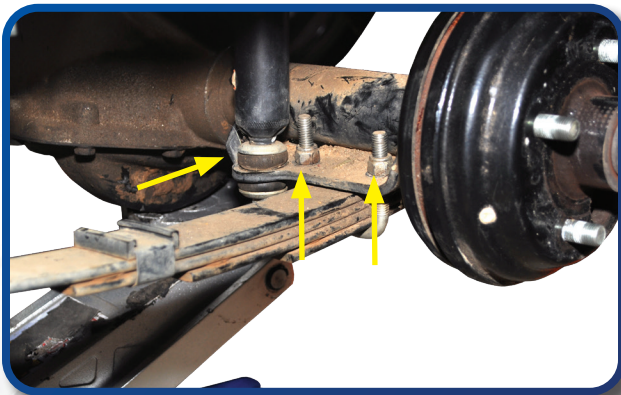
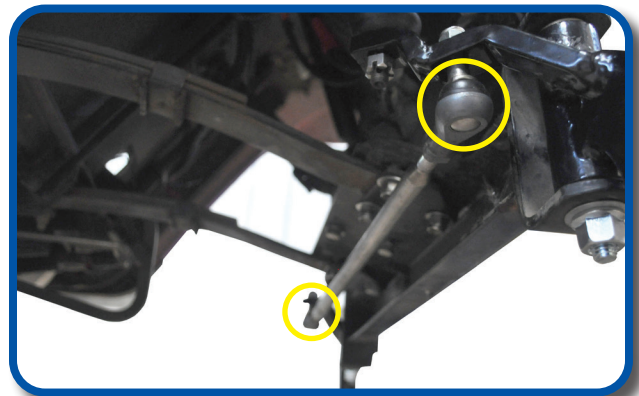


# 12

Reattach rack and pinion to spindle arm as shown, using hardware retained from Step 2.

# 13

Reattach draglink to spindles as shown.

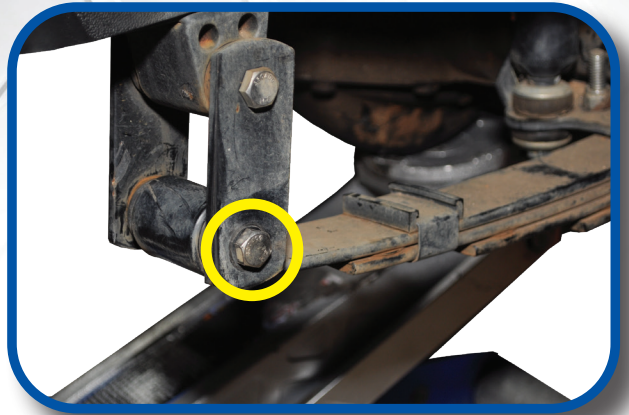


# 14

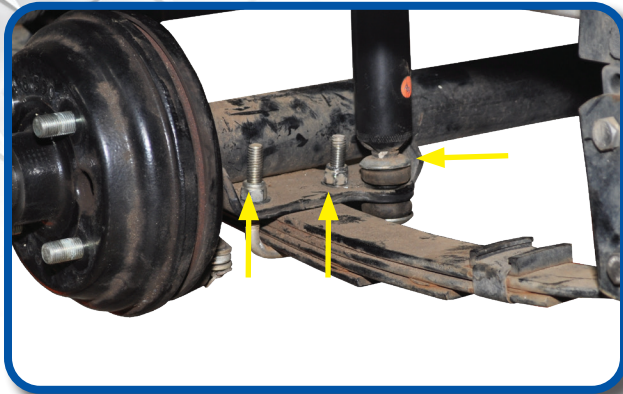
For rear installation disengage parking brake and ensure parking brake is still engaged and chock front wheels. Use jack to support motor. Using 14mm Socket loosen, but do not remove, the nuts on the shock and the two U-bolts on the passenger side. Place jack stands under frame.



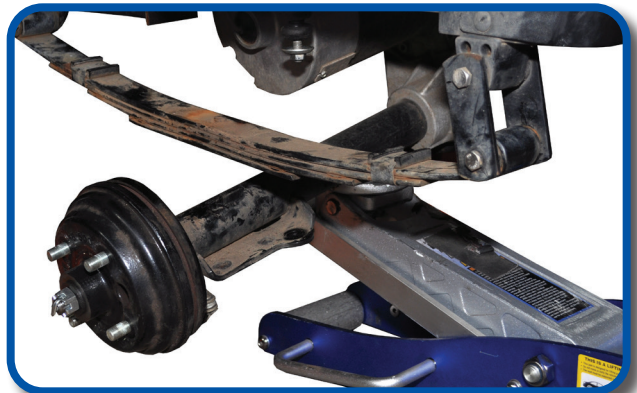
**Important:** Leave jack in place to support motor and axle assembly to avoid motor roll. Move to driver's side of cart. Remove and retain the bolts from the leaf spring.



Remove the shock and U-bolts on the driver side. Retain shock hardware discard U-bolts.



Once hardware has been removed, lower axle and re-install factory spring above axle as shown using retained factory hardware, from step 15.



For carts with three or four leaf springs, only install rear block as shown. The nut on the bottom of the factory spring should align with the alignment hole on the rear block.





For carts with two leaf springs or less, install spacer on rear block as shown.



Using supplied hardware, attach U-bolts to bracket as shown. Using retained hardware from Step 16 reattach spring as shown. Repeat Steps 15-20 on passenger's side. Install rear wheels and lower cart to begin alignment.

**PLACE STICKER ON CENTER ACCESS PANEL OR  
IN PLAIN SIGHT OF DRIVER AND PASSENGERS**

## **! WARNING**

This vehicle has been modified to enhance off-road characteristics. As a result, it handles and reacts differently than many other vehicles. Avoid sharp turns or abrupt maneuvers that can lead to loss of control and/or rollover possibly causing serious injury or death.



# ALIGNMENT INSTRUCTIONS

## WARNING:

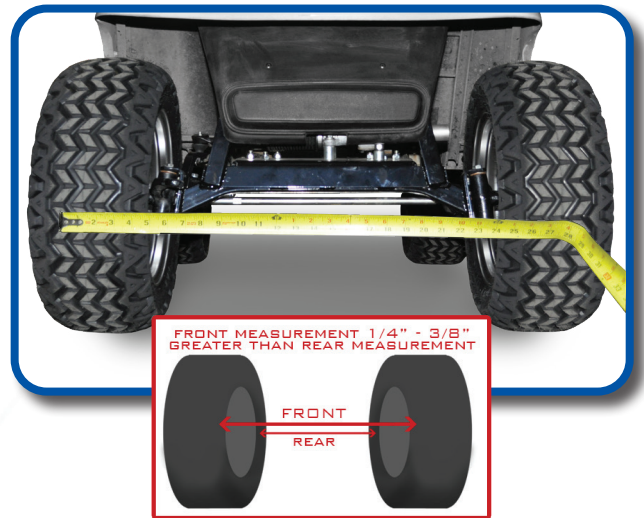
After installing this lift kit, the front wheels must be properly aligned. Failure to properly align the front wheels may result in decreased ability to control the Golf Cart which may result in a rollover or crash.

**IMPORTANT:** The Toe must be adjusted on this model.

Once installation is complete and the wheels have been reinstalled, roll the cart forward 15-20 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.

\*Use thread locking adhesive on heim joints once desired camber is achieved on all members of a spindle/ Heim joints. Torque the upper/lower Heim joint bolts to 35FTlbs.



To adjust toe-in/toe-out, loosen nut on tie rod end. Adjust using a 3/4" wrench to desired alignment.

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

**IMPORTANT:** Be sure to retighten all adjustment points after adjustments are made.

Once tightened, roll the cart back 15-20 feet and then forward again to check.

**NOTE:** After the first hour of drive time, re-check all lift kit components and alignment. Regrease the fittings, check the alignment and ensure all lift kit hardware is secured for safety after 50 hours of recurring use.

## INSTALLATION COMPLETE

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# HARDWARE PACKS

Madjax® 5 inch Drop Axle Lift Kit : Fits E-Z-Go® TXT®

