



Part # 16-74253

3" Lift Kit

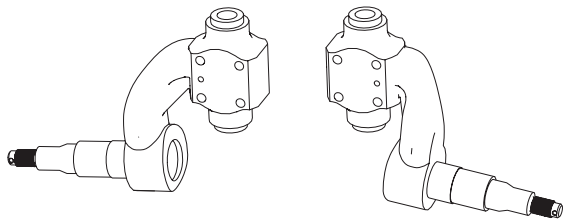
Fits Gas Yamaha Drive 2 (2017 - 2019)
with Independent Rear Suspension

ITEMS INCLUDED

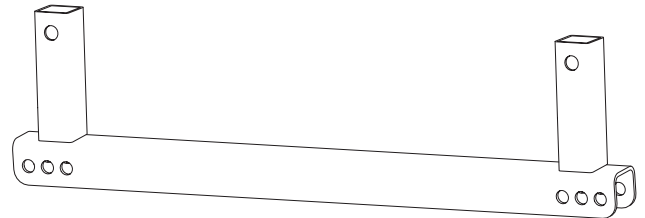
- Front Passenger Side Spindle
- Front Driver Side Spindle
- Passenger Side Steering Arm
- Driver Side Steering Arm
- Rear Shock Goalpost
- Rear Subframe Riser
- Forward Subframe Spacers
- Motor Mount Spacers

TOOLS NEEDED

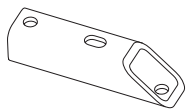
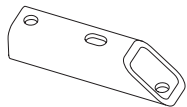
- 13mm Socket
- 14mm Socket
- 17mm Socket
- 19mm Socket
- 5/8" Socket
- 13mm Wrench
- 14mm Wrench
- 1/2" Wrench
- 5/8" Wrench
- 5mm Allen Wrench
- 3/16" Allen Wrench
- 9/16" Socket
- 9/16" Wrench



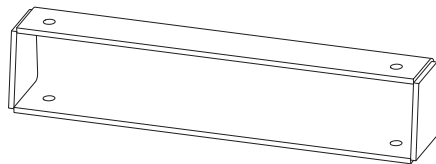
Front Spindles



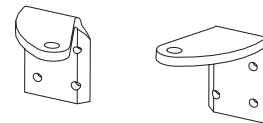
Rear Shock Goalpost



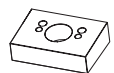
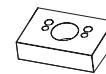
Forward Subframe Spacers



Rear Subframe Riser



Steering Arms



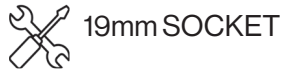
Motor Mount Spacers

FRONT INSTALLATION

STEP 1

Chock the rear wheels and lift the front end with a jack and place on jack stands. If installing larger tires, lift the vehicle high enough to accommodate.

STEP 2



Remove the wheels and tires.

STEP 3

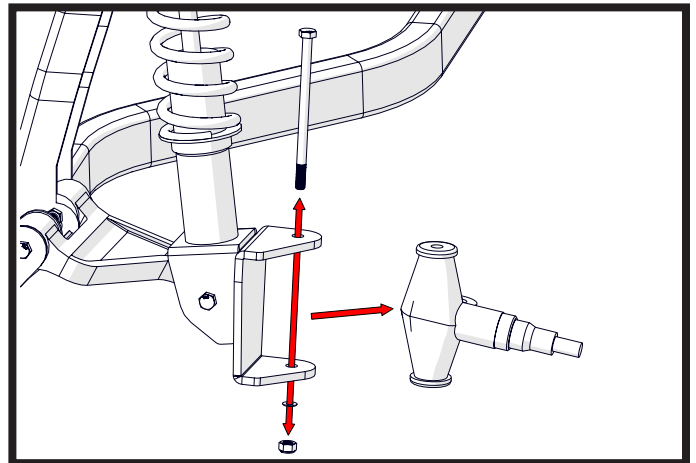


Remove tire rods from the spindles. Save the hardware for later reinstallation to the new steering brackets.

STEP 4



Remove the hubs and the stock spindles.
Retain hardware.



STEP 5

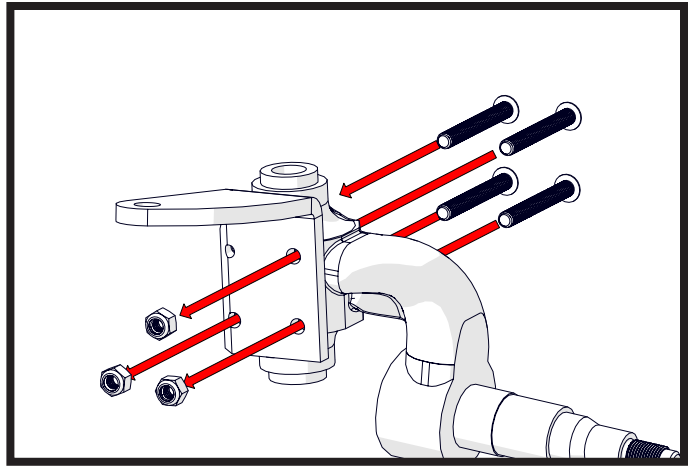
Remove the center steering sleeve and top and bottom seals from the stock spindle. Clean the lubricant off the sleeve, spindle bolt and nut, and seals. Retain for later reinstallation.

STEP 6


 1/2" WRENCH
3/16" ALLEN WRENCH

Install the new steering arms to the spindles with three (3) 5/16" x 2 1/2" button head bolts, one (1) 5/16" x 2" button head bolt, and three (3) 5/16" locknuts. Torque to 13 ft-lb (18 Nm).

NOTE: The steering arms will be bolted to the back side of the spindles, angling toward the center of the vehicle. The 2" button head bolt will be used in the top, inside hole of the spindle and secure into the thread hole on the steering arm. The remaining bolts and lock nuts will be used on the remaining holes in the steering arm.

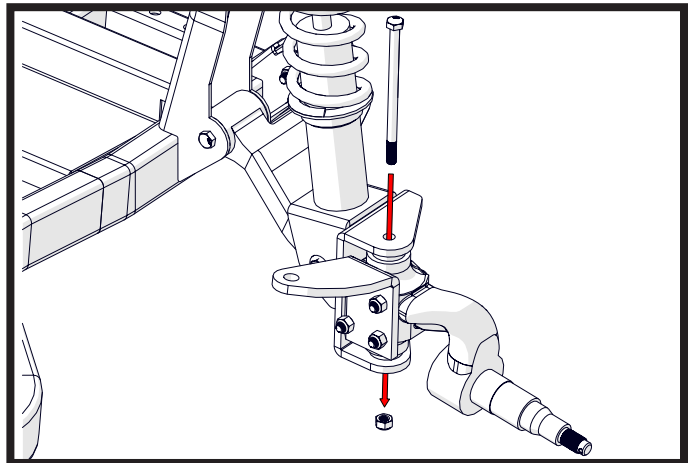


STEP 7

 14mm SOCKET
14mm WRENCH

Install the stock spindle sleeve and seals to the Jakes spindles. Install the new spindles to the vehicle using the stock spindle bolt and nut retained from Step 5. Torque to 18 ft-lb (24 Nm).

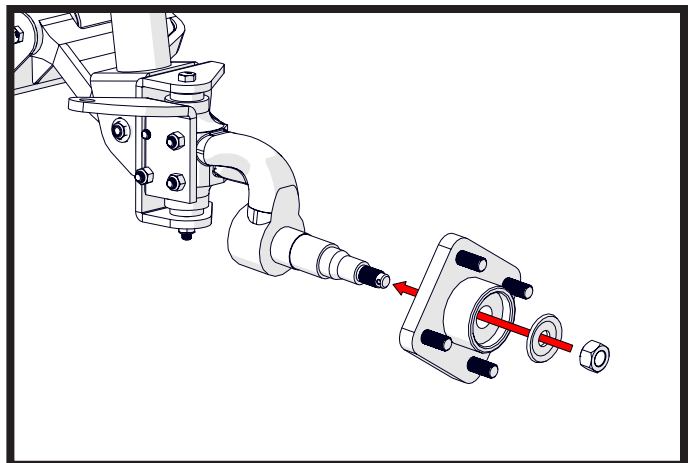
NOTE: Spindles are stamped with 6249-3D and 6249-3P denoting either driver's or passenger's side, respectively.



STEP 8

 19mm SOCKET

Install the stock hubs to the new spindles using the stock hardware removed in Step 4. Torque to 50 ft-lb (68 Nm).

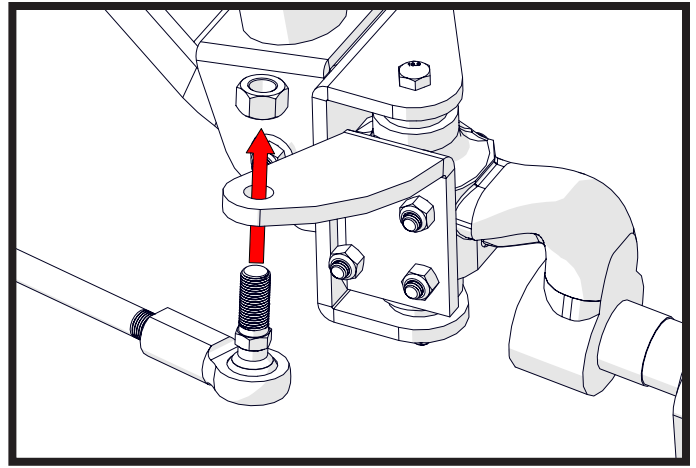


STEP 9



17mm SOCKET

Turn the tire rod ends to point upward and reattach the tire rod ends from the bottom to the new steering arms using the stock hardware retained from Step 3. Securely tighten all bolts and ensure all cotter pins are reinstalled or replaced.



STEP 10



19mm SOCKET

Install wheels and tires to the hubs. Torque lug nuts to 55 ft-lb (75 Nm). Remove the jack stands and set the vehicle on the ground.

NOTE: *Recommend installing 20x10x10 tires and wheels with a 3x5" offset. The stock wheels and tires will work but are not recommended.*

REAR INSTALLATION

STEP 1

Chock the front tires and lift the rear of the vehicle and place the frame on jack stands.

STEP 2

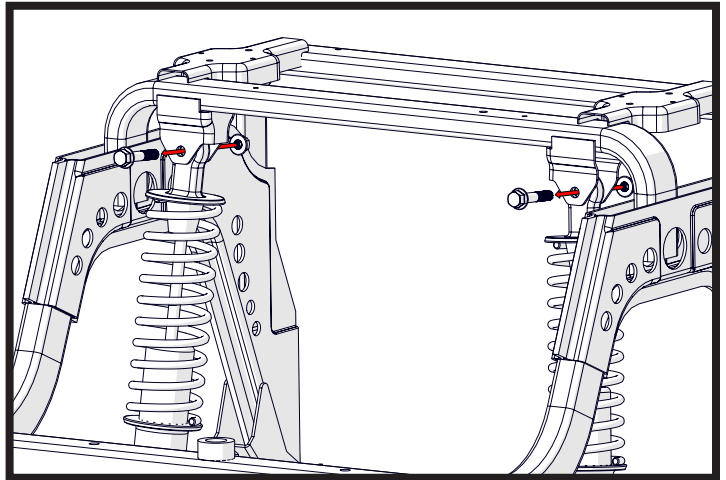
 5mm ALLEN WRENCH
19mm SOCKET

Remove the plastic rear skid plate, bag well, rear wheels, and tires. Save all hardware for reinstallation.


STEP 3

 14mm SOCKET
14mm WRENCH

Uninstall rear shocks from the top and save the mounting hardware.

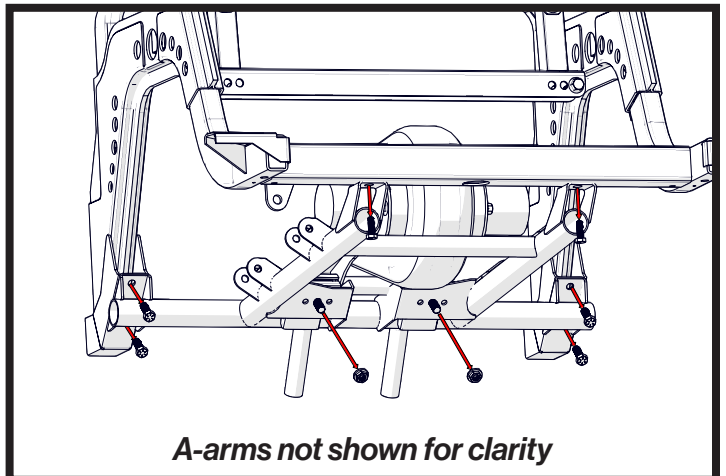


STEP 4

 14mm SOCKET
14mm WRENCH

Remove bolts from front and rear of stock sub frame. Also remove the bolts which mount the motor to the subframe. Retain the subframe

NOTE: Support the motor with a floor jack before removing bolts.



STEP 5

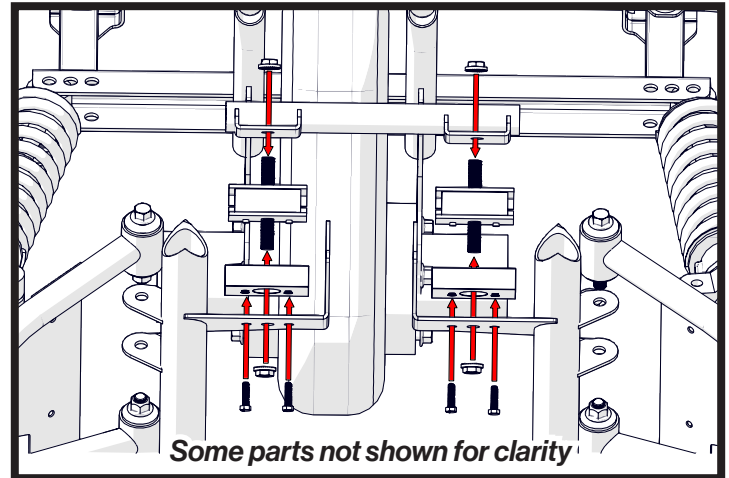
Lower sub frame at least 3 inches, but do not completely remove from the vehicle.

STEP 6


 13mm SOCKET
13mm WRENCH

Install the motor mount spacers between the subframe and motor's rubber isolators. First use the stock motor mount hardware to secure the motor and the rubber isolators to the angled spacers. Then secure the spacers to the subframe using four (4) M8 hex bolts.

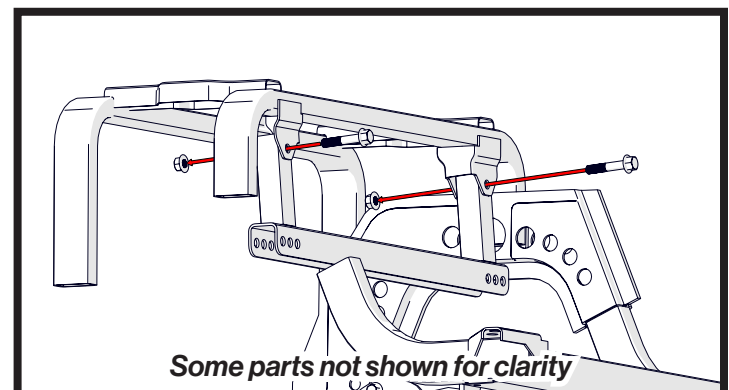
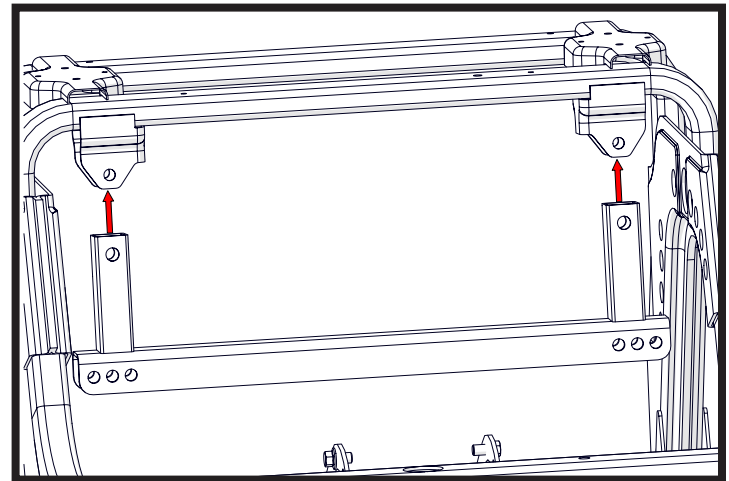
NOTE: The thinner side of the angled spacer will face the front of the vehicle.




STEP 7

 5/8" SOCKET
5/8" WRENCH

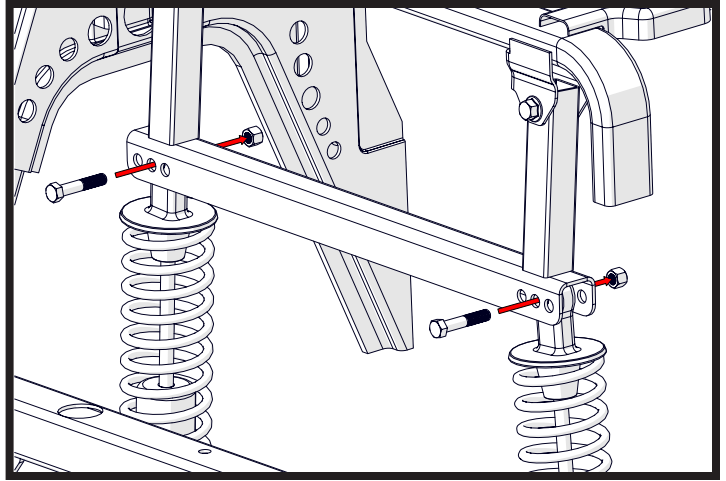
Install Jake's goalpost to the vehicle with the "J" facing the front of the cart using the two 7/16" x 2 1/2" bolts and two 7/16" nylock nuts. Torque to 35 ft-lb (47 Nm).




STEP 8

 14mm SOCKET
14mm WRENCH

Reinstall the factory shocks to the goal post using the factory shock mounting bolts. Recommend installing in the second hole on the goalpost. Torque to 35 ft-lb (47 Nm).

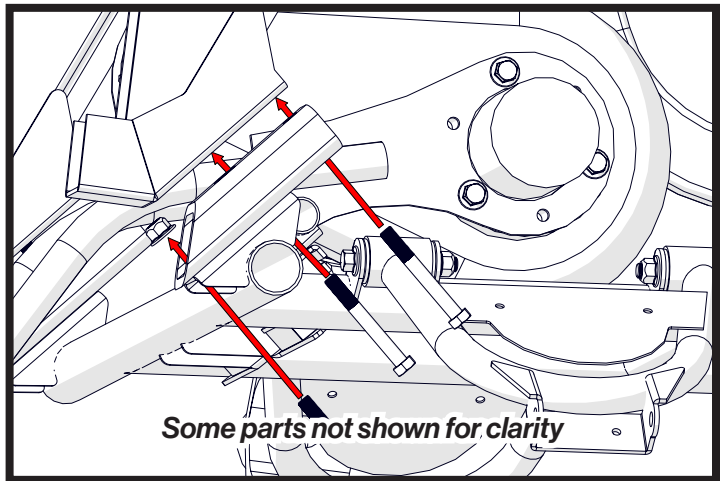


STEP 9

 17mm SOCKET
5/8" SOCKET
5/8" WRENCH

Install the front mount spacer tubes using two (2) 7/16" x 1" hex bolts and two (2) 7/16" nuts for the bottom mounting hole and four (4) M10x60 bolts for the top and middle holes of the spacer tubes.

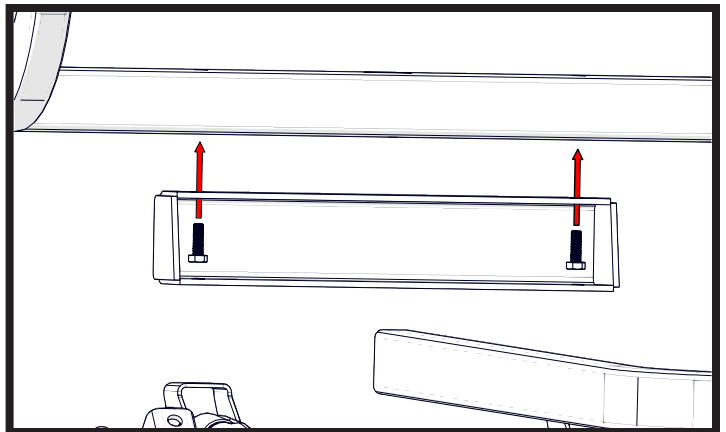
NOTE: Leave bolts loose for adjustments.




STEP 10

 13mm SOCKET
13mm WRENCH

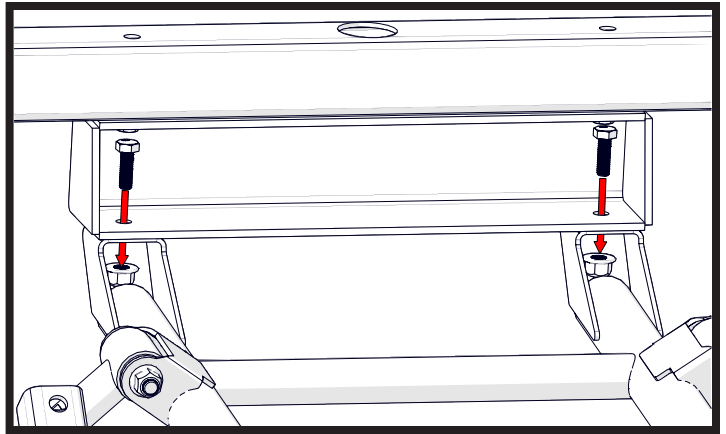
Install the spacer to the vehicle frame using the two stock bolts that previously held the rear subframe to the vehicle.



STEP 11

 9/16" SOCKET
9/16" WRENCH

Secure the rear subframe to the new spacer using two (2) 3/8" x 1" bolts and two (2) 3/8" nuts. Torque to 23ftlb (31Nm).



STEP 12

Once all the hardware is in place, tighten all hardware.

STEP 13

 19mm SOCKET

Install the wheels and tires back onto the cart and lower the cart to the ground.

STEP 14

Install rear body assembly as needed.

