



1 Move carton to a clean location with 3 or more feet of room around the unit.



4 Lay out ALL hardware on a clean surface and count.



2 Remove strapping and outer container.



5 Remove battery box from kart. Read all precautions, filling instructions and safety instructions. Make sure to wear safety glasses and protective gloves.



3 Unpack parts and place near where they are to be installed.



6 Place the battery in a sink.



7 Remove the battery cell seal.



10 Place the battery acid container on top of the battery. Be sure to properly align the container with the battery cells.



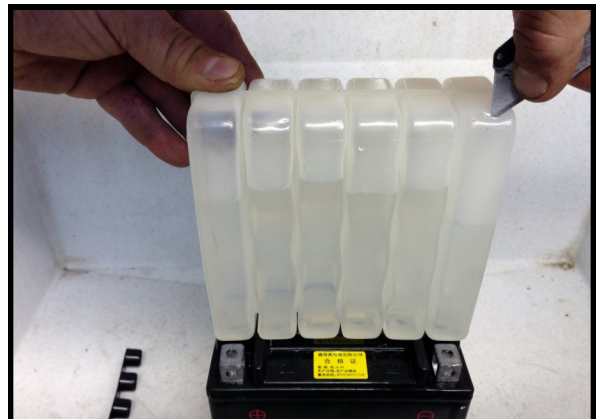
8 Carefully open the package containing the battery acid and hardware. Set the hardware package aside for later use.



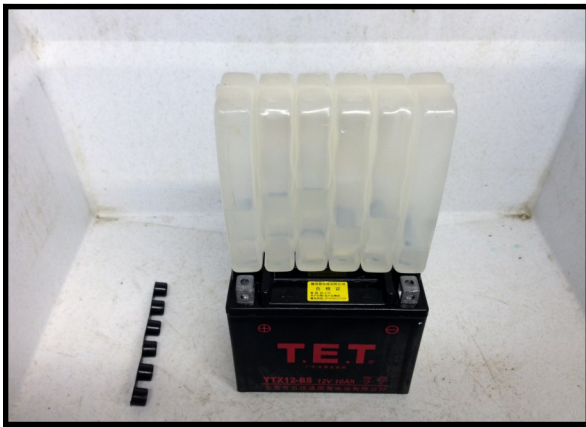
11 Gently press the battery acid container into the battery cells. This will puncture the foil caps and allow the battery acid to flow.



9 Remove the plastic cap from the battery acid container. IMPORTANT: DO NOT DISCARD THE PLASTIC CAP. Set the plastic cap aside for later use.



12 The battery acid container needs to be vented to allow the acid to flow from the container easier. With a sharp knife or thumbtack, poke a hole in the TOP of each of the battery acid container's cells.



13 Allow the battery acid to fill the battery while putting the go kart together or at least for 30 minutes. This will also allow the battery to absorb the acid and vent properly.



14 Select the two short 8mm bar bolts. These will be used to install the rear rack.



15 Install 1 each of the cupped washers to each bolt.



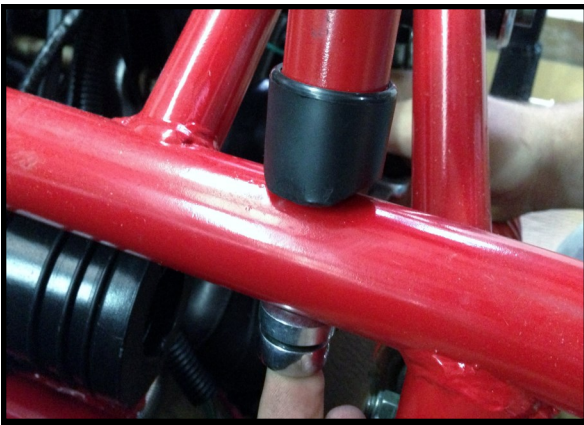
16 Remove the hose from the frame behind the driver's seat. This fuel hose will connect to the fuel petcock on the fuel tank later.



17 This hole will be used to mount the rear rack.



18 With an assistant, sit the rack in place and align it with the holes in the frame.



19 Insert the bolt with washer through the hole in the frame and turn the bolt to tighten the threads (clockwise rotation) into the rack. Do this procedure on both the left and right sides. Then, tighten both bolts securely with a 10mm wrench.



22 Locate the vacuum hose that is already connected to the fuel valve.



20 Now, it is time to mount the fuel tank and install the fuel hoses. Sit the fuel tank into place with the fuel cap on the driver's side.



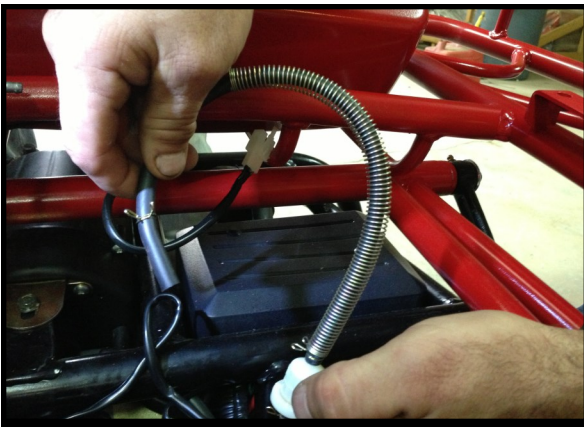
23 Attach the vacuum hose to the 'Y' connector near the carburetor.



21 The hardware necessary to mount the tank. These are the (4) four longer of the short bolts. Do not install 8mm yet.



24 Push hose on completely and slide the hose clamp to 1/4" from end of hose.



25 Locate fuel hose with the fuel filter and spring that is already attached to the carburetor.



26 Push the hose onto the top fitting of the fuel valve and slide the clamp to 1/4" from hose end.



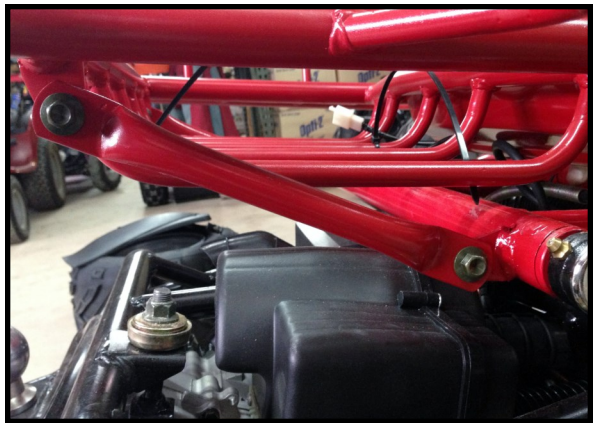
27 After properly connecting the fuel hoses, it is time to install the tank hardware. The tank should be mounted with the curve of the tank towards the rear of the go kart.



28 Start all four bolts into the threads by hand. Make sure that the steel bushing is inserted into each rubber bushing.



29 This is the rear support for the rear rack. There are two supports on the rack. One on each side of the go kart.



30 Install the 4 shortest 8mm bolts with nuts. Then, tighten all 4 bolts with a 10mm and 12mm wrenches.



31 It is time to install the main bars on the cage. This step require 4 bolts, 4 nuts and 8 cupped washers.



34 Insert the bolt, washers and nuts through the bars at the front left side and front right side. Nut should be to the inside.

NOTE: DO NOT TIGHTEN HARDWARE YET.



32 Place the 2 long top bars into place.



35 Install the right side rear bolt, washers, and nut. Nut should be to the inside.

NOTE: DO NOT TIGHTEN HARDWARE YET.



33 The left and right bars are the same.

NOTE: May be necessary to use a medium size Phillips screwdriver or punch to align the mounting holes.

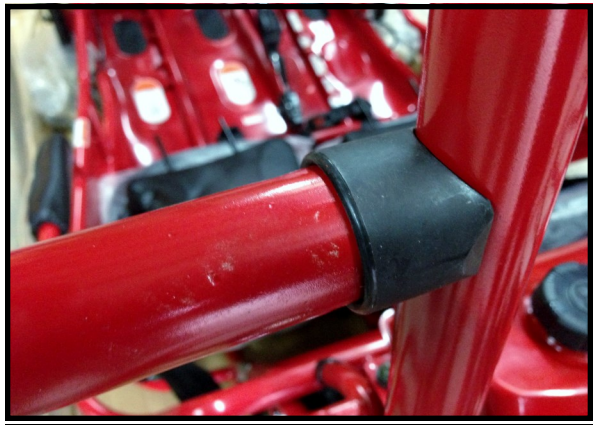


36 Install the left side rear bolt, washers, and nut. Nut should be to the inside.

NOTE: DO NOT TIGHTEN HARDWARE YET.



37 Four (4) 8mm bolts and washers will be used for the top weldment.



40 Install the bolt with washer in the top of the bar first.



38 Two (2) long bolts, nuts and four (4) washers along with two (2) long bolts with washers only will be used to install the side bars.



41 Make sure the threads start into the bar.

NOTE: DO NOT TIGHTEN HARDWARE YET.



39 Side bar installation. Fit the left side and right side bars into place.



42 Install the bolt, 2 washers and nut at the bottom of the bar.

Repeat Steps 38-42 for other side bar.

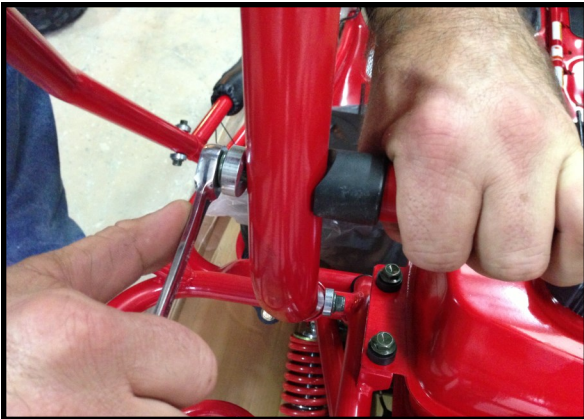
NOTE: DO NOT TIGHTEN HARDWARE YET.



43 Place the rear cross bar into place and align holes.



46 Use the remaining four (4) long 8mm bolts and washers to install the top weldment.



44 Start 8mm bolts with washers.

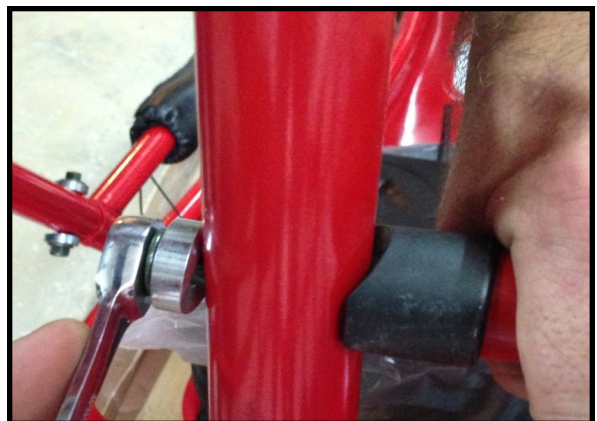
NOTE: DO NOT TIGHTEN HARDWARE YET.



47 Plastic end caps may need to be rotated with pliers to fit properly



45 With an assistant, hold the top weldment in place.



48 Start the four (4) bolts with washers into the top weldment.

NOTE: DO NOT TIGHTEN HARDWARE YET.



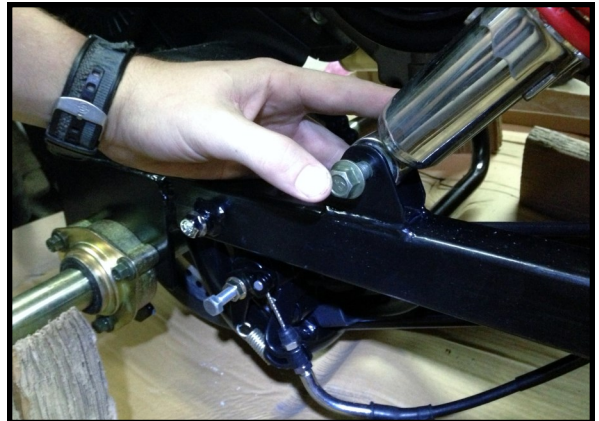
49 Tighten ALL of the hardware previously installed into the cage at this time with a 10mm wrench and a 12mm wrench.



52 Align the shock.



50 It is time to install the lower shock bolts at the rear of the go-kart. Remove the bolt and nut from the frame at the shock mount.



53 Insert the bolt and nut.



51 Have an assistant lift up on the rear rack to align the shock with the mount.



54 Tighten the bolt and nut with two (2) 14mm wrenches.

NOTE: Repeat Steps 50-54 for the other side.



55 At this time, the go-kart must be lifted approximately 12" from the crate. You may need an assistant or two. Place a sturdy support under the kart frame i.e. jack-stands. Be safe. Use caution. Make sure the unit is stable and secure so that it doesn't fall.



58 Steps 58 & 59 are not necessary, however, we recommend using a quality lubricant with straw.



56 Locate the rear axle.



59 Carefully push the straw between the seal and axle. Spray lubricant for about 1 second.



57 Apply multi-purpose grease on the spline of the axle. Remove nut and washer.



60 Mounting rear fenders. Remove mounting bolt from rear fender bracket with a 10mm wrench.



61 Place bolt through rear swing arm located just in front of rear shock.

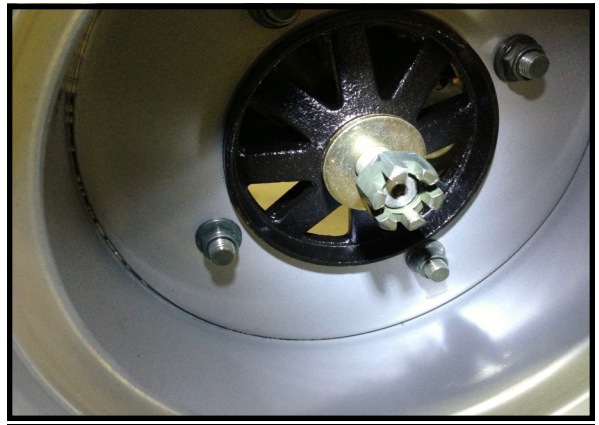


62 Start bolt into fender bracket by hand. Then, tighten firmly with a 10mm wrench.

NOTE: Repeat Steps 60-62 for the other side.



63 Slide rear wheel onto rear axle with the valve stem to the outside. The tread on top of the tire should be pointing forward.



64 Install large washer and castle nut on axle.



65 Tighten nut making sure to align with holes in axle.

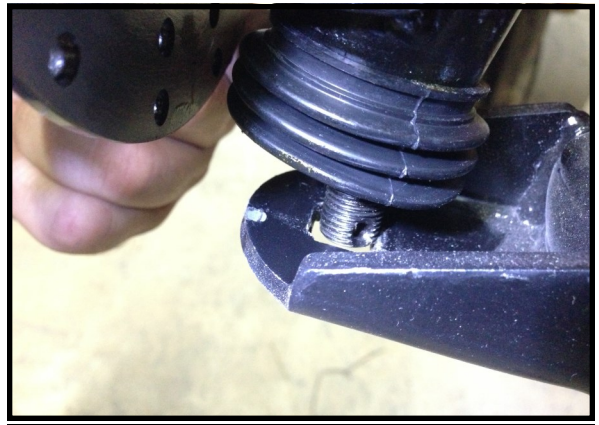


66 Install cotter pin. Bend and clip off excess clip.

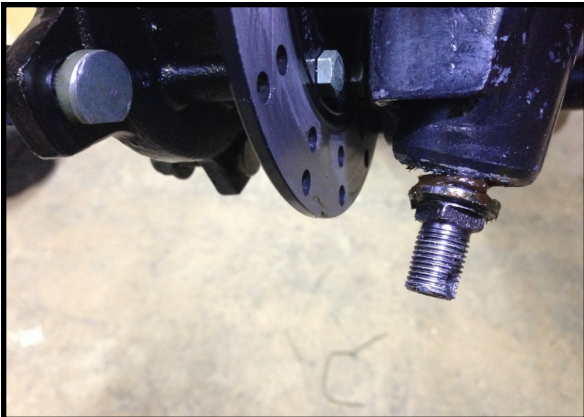
Repeat Steps 63-66 for the other side.



67 Locate front passenger side spindle. Make sure rubber boot and square washer are installed.



70 Install stud in hole.



68 Align square stud with hole in A-arm.



71 Make sure stud square is seated.



69 Align square stud with lower A-arm.



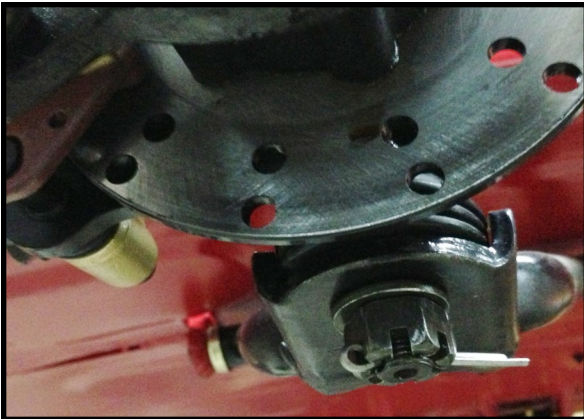
72 Install washer and castle nut.



73 Tighten nut. Align with hole in spindle stud.



76 Check castle nut for tightness.



74 Install cotter pin in lower spindle nut. Bend and clip excess.



77 Install cotter pin in upper spindle nuts. Bend and clip excess.



75 Remove cotter pin from top of spindle.



78 Remove cotter pin from ball joint.



79 Tighten nut. Align hole with stud.



82 Install fender and tighten bolts with 10mm wrench.

Repeat 81-82 for driver's side.



80 Reinstall cotter pin. Bend and clip off excess.

Repeat steps 67-80 for driver's side.



83 Remove wheel nuts from passenger side hub.



81 Remove fender mounting bolts from passenger side spindle.



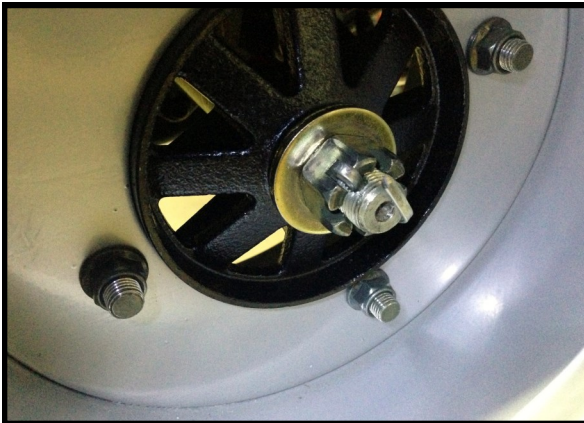
84 Install front wheel with valve stem facing out and tread pointing forward on top of tire.



85 Tighten lug nuts securely.

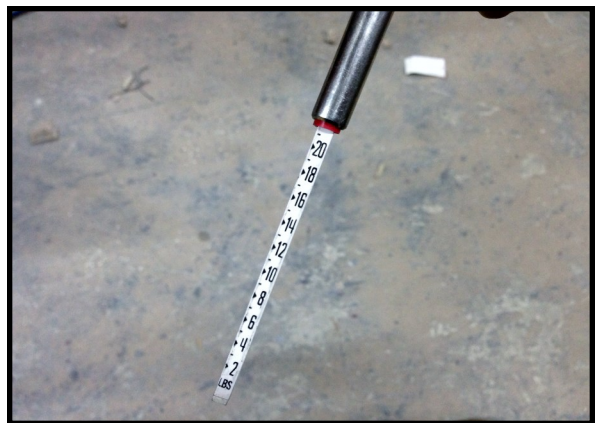


88 Tighten all valve stem cores.



86 Bend and cut cotter pin in wheel hub.

Repeat Steps 83-86 on driver's side.



89 Using a low pressure tire gauge, set tires at 10 psi for front and 8 psi on rear. Install valve stem caps.



87 You will need a valve stem tool to tighten all valve stem cores. This tool can be purchased at an auto parts store.



90 Remove the acid container from the top of the battery and properly discard. Set the plastic cap (from Step 9) into the top of the battery making sure that ...



91 Make sure cap lines up correctly. If not properly aligned, the cap can become damaged and it will not fit properly. Firmly press cap into top of battery.



92 After making sure that the cap is properly inserted, gently tap the cap into place. Make sure to work your way from one end to the other and the repeat until the battery is flush to the top of the battery.



93 Insert the rubber ... into the battery tray located behind the driver's seat.



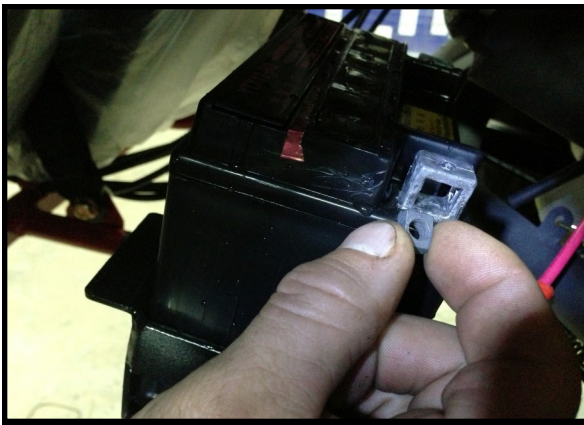
94 The rubber ... will lay flat in the bottom of the tray and will help with reducing battery movement and noise.



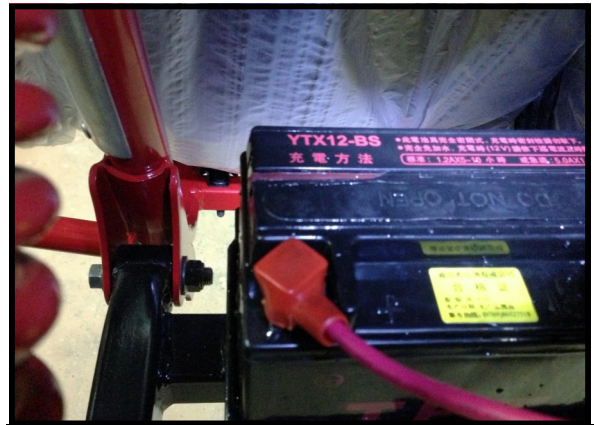
95 BEFORE YOU BEGIN BATTERY INSTALLATION: MAKE SURE KEY SWITCH IS TURNED TO THE OFF POSITION. Place battery in tray with terminals towards the rear of the go kart.



96 Locate battery bolts and nuts.



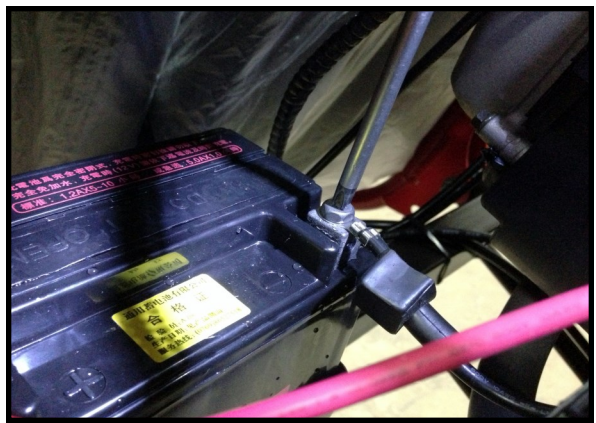
97 First, insert one square nut into the '+' terminal.



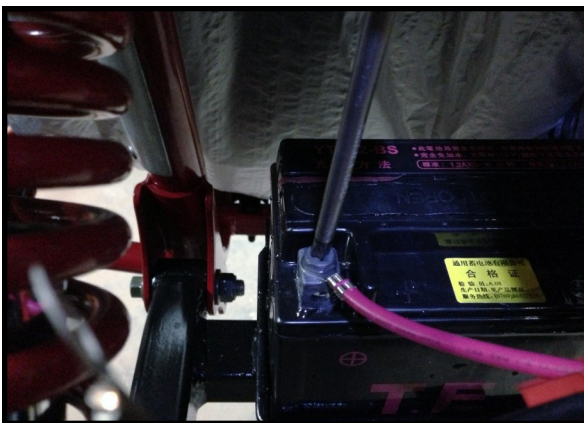
100 Place rubber cover over terminal.



98 Locate the positive battery cable (red).



101 Repeat Steps 97-100 for negative battery cable (black).



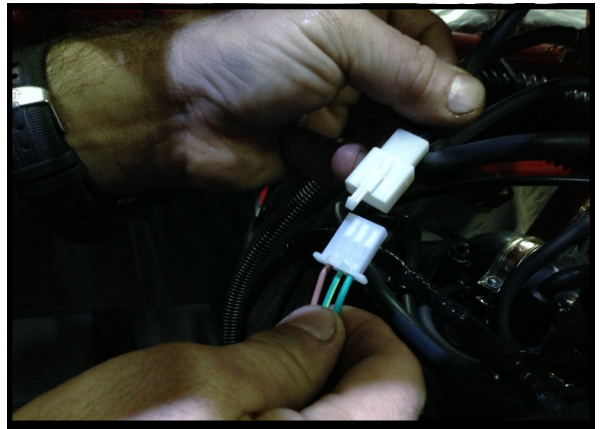
99 With a Phillips head screwdriver, mount the positive (red) cable to the '+' terminal on the battery.



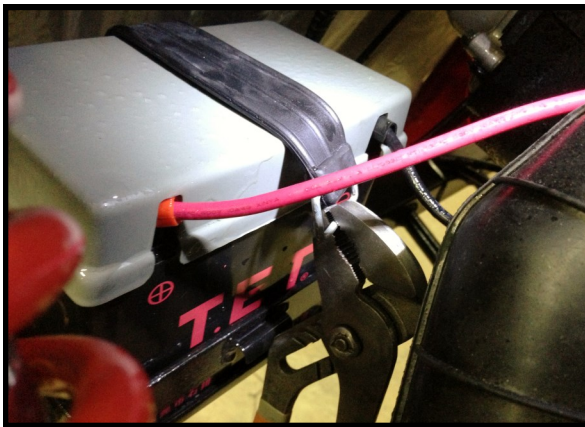
102 Battery installation is complete.



103 Install battery cover.

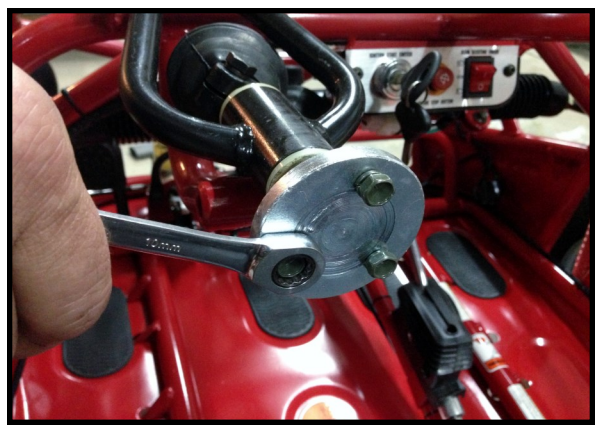


106 Find the 3 wire connectors from the tail light and top of the engine at the wiring harness and connect.



104 Install rubber strap using a pair of pliers to stretch .

*NOTE: WD40 sprayed on the rubber strap will make this step easier.



107 Remove bolts from steering wheel mount.



105 Completed battery cover and strap.



108 Install steering wheel with center spoke down.



109 Install and tighten bolts.



112 Install hub caps on front wheels.



110 Install plastic cover.



113 Install hub caps on rear wheels and check mounting nuts.



111 Snap cover into place.



114 Make sure seat belts are to center of seatback.



115 Install headrest into holes on seat.



118 Use electrical tape to secure top padding.

*NOTE: May also use spray adhesive on all padding and foot pads.



116 Push headrest all the way down.



119 Install fabric top starting at front.



117 Peel protective film from decals, reflectors and seats.



120 Secure and attach with Velcro.

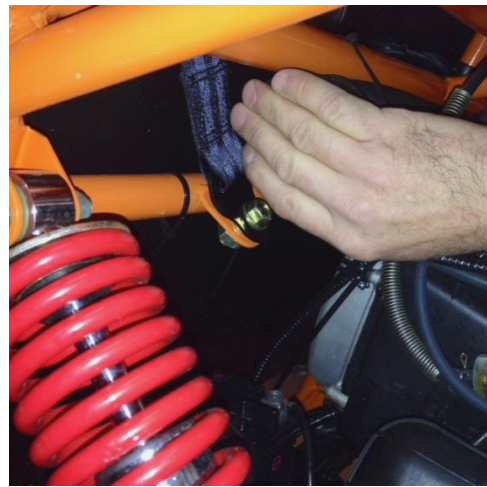
TrailMaster 150 Startup

1. READ owner's manual carefully.
2. Fill fuel tank with 93 octane gasoline.
3. Make sure operator is seated in seat and seatbelt is fastened.
4. Place foot on brake or apply parking brake.
5. Turn key to 'ON' position.
6. Turn key to start position in 4-5 second intervals.
7. May need to repeat Step 8 several times to make engine start up and run.
8. If engine does not start, have another person place their hand over the intake pipe snorkel hose (corrugated, flex hose). Hose is located behind the driver's seat near the headrest at the seatbelt bracket (See pictures below). While holding their hand over the intake pipe, turn the key to the start position again in 4-5 second intervals. This procedure chokes the engine and should be used in colder weather or if the go-kart has been sitting for a while.

Manually Choke Engine Procedure



Intake Pipe



Place Hand Over Intake Pipe