

Step 1 Dis-assembly



#2 Phillips Head Screw Driver
#10mm box end wrench
Flat head screw driver
2 small flat head screw drivers
10mm socket
Spark plug socket
needle nose pliers
socket extension
socket bend joint

DRAIN OUT ALL GASOLINE AND DISPOSE OF SAFELY BEFORE STARTING AND DISCONNECT BATTERY

Step 1a - Remove fuel pump cover & left side door



1a-1 Remove #10mm side bolt holding corner cover on



1a-2/3 Pull back rubber gasket and remove 2 #10mm nuts then pull up and remove corner cover.



1a-4 Lift off door to gain access to air cleaner side of generator (left side when looking at front)

Step 1b - Disconnect fuel pump



1b-1 Disconnect electrical connector for fuel pump by pressing tab.



1b-2 Disconnect fuel line fitting from fuel pump by pushing down on yellow tab then pushing in fuel hose quick connect fitting, then pull out fitting (pushing in first makes release easier).



1b-3/4 Catch small amount of any remaining gasoline with small rag and use supplied caps to seal both ends.

Step 1c - Remove fuel tank



1c-1 Disconnect gas tank vent tube from underneath side of gas tank. No fuel should spill doing this.



1c-2/3 Locate and remove four #10mm corner bolts with washers as final step before lifting out tank.



1c-4 Lift back edge of tank - pull back, up and away from back of unit to clear front frame bracket.



1c-5 Secure pump connectors with supplied tie wrap.

Step 1d - Move drain/vent tubes and open air box



1d-1/2 Gently twist tank vent tube and insert into forward hole on backside of door latch for safe keeping.



1d-3/4 Pull up canister vent tube from white plastic clip and pull out of hole to make room for adding new vent line.



1d-5/6 Remove air box cover by prying up on 4 corner clips then lift off vent tube from top corner.

Step 1e - Remove airbox, throttle body to air box spacer and bracket



1e-1/2/3 Remove final piece of airbox from throttle body by removing inner two #10mm nuts, loosening clamp below and then swinging plastic box off studs and pulling up.



1e-4/5 Remove cable harness support bracket by first removing black plastic push in connector. Use pliers to press backside of small push through and pull from other side to release. Then press tab on larger connector and pull down and away. Save gasket after removing from silver plate.



1e-6 Gently push fuel injector harness up to make room for assembly.

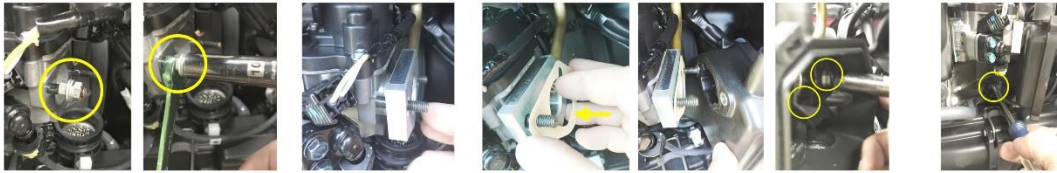


Removed Parts that won't be used for re-assembly.

Step 2 Re-assembly



Step 2a - Install fuel injector block



2a-1/2 Back out two main studs by 3 full turns. To do this use #10mm nuts earlier removed and tighten back-to-back fully on then use slight rapid jerk with both tools to get stud to start turning out. Remove nuts and repeat on second.

2a-3 Slide on supplied fuel injector block.

2a-4/5/6 Install previously removed gasket then push air box inlet into bottom flexible clamp and rotate in and onto studs. Tighten two #10mm air box nuts.

2a-7 Tighten bottom clamp on air box inlet.

Step 2b - Install demand regulator vent tubes (prevents pressure feedback in gas regulator)



2b-1 Install left side vent tube by inserting into hole on back of door latch bracket and leave loose until later step.

2b-2/3 Install right side vent tube under engine and leave loose until later step.

2b-4 Leave vent tubes laying on top of engine ready to mate with regulator when cover goes on in later step.

2b-5/6/7 Insert bottom ends of vent tubes into chassis vent opening with right side vent tube from under engine getting pushed into white plastic clamp after putting into back side of hole. Left side (near side) tube should be towards front of hole.

Step 2c - Install new tank lid with gas module assembly



2c-1/2 remove gasket and shock isolators from removed gas tank.

2c-3 Install gasket and isolators onto new tank lid. Note final fit of gasket should be neat and tight over lip of tank all around.

2c-4 Install new tank lid into place from behind pushing forward to line up all 4 of #10 lid screws.

2c-5 Insert and tighten down tank 4 corner screws and install cover over fuel pump section and fasten.

Step 2d - Make internal connections to gas module assembly



2d-1/2/3 Note location of fuel orifice (hex head wrench to remove) if changing out for alternate fuel or high-altitude kit. Push fuel line onto brass injector and tighten hose clamp

2d-4/5 Push vent hoses onto brass nipples on both side of internal regulator suspended from inside of lid.

2d-6/7 Fasten ground strap from internal regulator by removing existing #10mm ground bolt, and re-installing with both ground wires together under bolt head and tightening down.

Step 2e - Change spark plug, install labels, and read safety information to finish



2e-1 Change spark plug to one supplied.

2e-2/3/4/5 Attach "GenConneX" label on rear handle, and "Propane & Natural Gas" labels one each side door as shown. For all states except California place Emissions label over existing EPA/CARB label at base of engine (inside door). For California place Emissions label next to existing EPA/CARB label at base of engine (inside door).

WARNING:

Propane is a combustible fuel. It should be kept outdoors at all times. If you suspect a leak in your generator or any hoses / connections, you should immediately turn off the fuel at the tank then test connections with soapy water. Do not attempt to use any components including hoses that have leaks. Replace them immediately.