

**Step 1**  
**Dis-assembly**



#2 Phillips head screw driver  
12mm box end wrench  
5/32" hex head socket or allen wrench  
flat head screw driver  
small allen wrench or mini screw driver  
8, 10, 12mm sockets  
spark plug socket  
needle nose pliers  
socket extension  
socket U joint (optional)

**Before Starting: DRAIN OUT ALL GASOLINE FROM TANK AND FLOAT BOWL AND DISPOSE OF SAFELY**

**Step 1a - Remove access door and end shells**



1a-1/2 Remove side access door top bolt only and pull door up and off. Remove qty 2 10mm right side bolts next.



1a-3/4 Remove front shell by removing 4 corner 10mm cap nuts then remove screw from inside of fuel lever and pull out fuel lever with round label behind it. DO NOT TURN ON FUEL as a precaution.

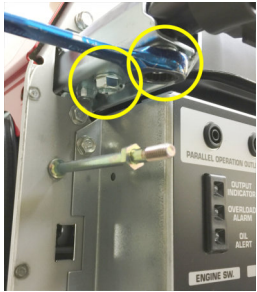
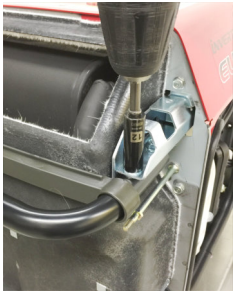


1a-5 Remove two 8mm lower side bolts.

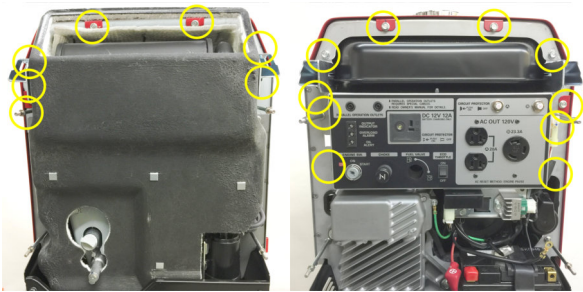


1a-6 Remove rear shell by removing 4 corner 10mm cap nuts then pulling off.

**Step 1b - Remove exhaust guard handles and cover fasteners**



1b-1/2/3 Remove exhaust guard qty 4 10mm bolts then remove handles from front and back by removing qty 4 each 12mm bolts each.

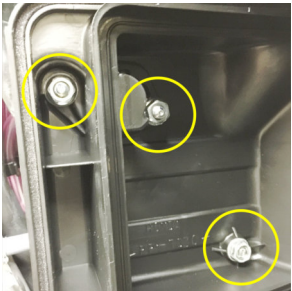


1b-4/5 Remove qty 7 10mm bolts from back as show then remove qty 10 10mm from front side to loosen cover, frame rails, and front box.

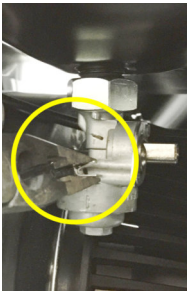
**Step 1c - Remove air cleaner, tank vent, gas line and evap lines**



1c-1/2/3 Remove air cleaner box by first opening box and removing air cleaner element, then disconnect vent tube then remove qty 2 10mm nuts and 1 10mm bolt.



1c-4/5 Disconnect gas tank vent tube and gas line to carburetor from underside of gas tank AND from carburetor.

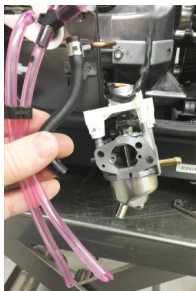


1c-6 remove two evap hoses.

**Step 1d - Remove carburetor choke assembly and drain lines**



1d-1 /2 Remove choke lever assembly from carburetor by pulling entire carburetor and choke forward.



1d-3 Remove all drain tubes from carburetor.



1d-4 Remove press-in choke plate with pliers then remove choke lever by pulling up and out.

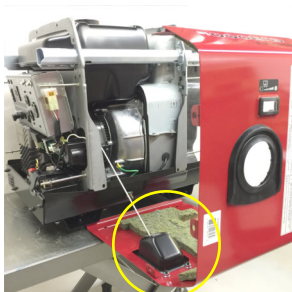


1d-5 Remove choke cable from front box and body.

**Step 1e - Remove gas tank from frame**



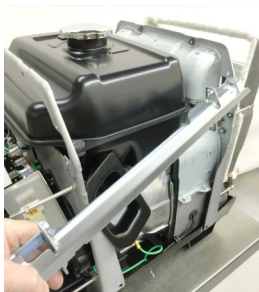
1e-1/2 Remove gas cap with needle nose pliers then lift off cover to side. Remove qty 3 10mm nuts holding pull handle unit to side and pull through. DO NOT UNTIE handle on outside from rope pull cord.



1e-3 Remove qty 4 10mm bolts and flat washers holding tank in place from top and save for later.



1e-4/5/6 Remove gas tank by gently prying up and away on the frame until the side rail slips free at front top edge. Take side rail out to lift out tank then lift up on tank. Then gently push front back into place.

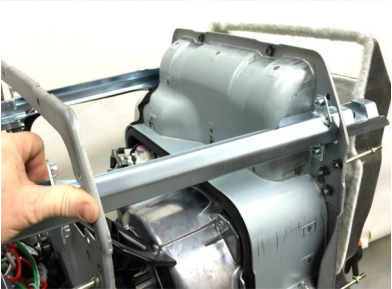




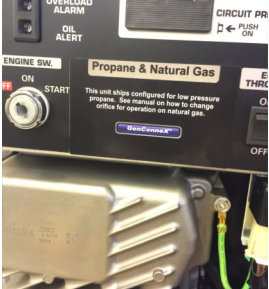
## Step 2 Re-assembly



### Step 2a - Re-assemble base frame and prep parts for re-assembly



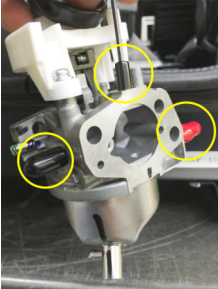
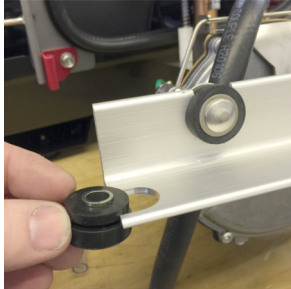
2a-1 Re-install side rail, loosely install 8 removed 10mm bolts then tighten all bolts to secure frame.



2a-2 Re-install box with 4 removed 10mm bolts then apply supplied label over holes.

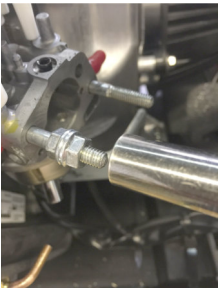


2a-3/4 Remove shock mounts from gas tank and **Install 2 shock isolators onto new fuel module rail** with the thickest part down.

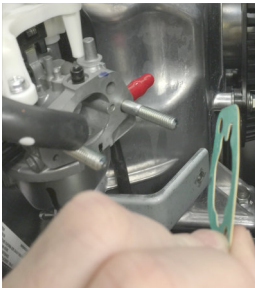


2a-5 Install 2 supplied caps over brass vent and inlet, and push in and twist supplied plug into choke hole.

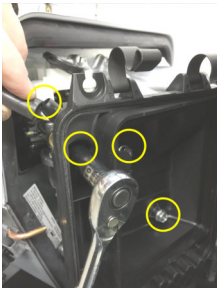
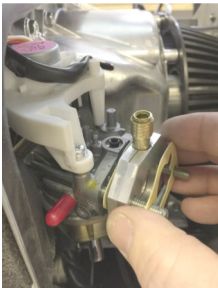
### Step 2b - Install Injector module and re-install air filter unit



2b-1 Back out both studs 3 complete turns by tightening nuts back to back.



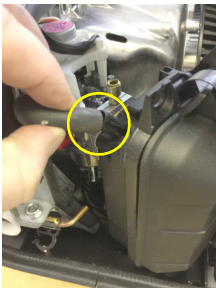
2b-2/3 Install gasket from removed choke assembly then install supplied injector assembly followed by supplied gasket (or optionally supplied liquid gasket to be applied from tube).



2b-4 Tighten 2 removed 10mm nuts and new 1 10mm bolt (removed in earlier step 1d-3) placing 6 supplied washers between frame and air box.



2b-5/6 Re-install Air cleaner element then snap all 4 air cleaner box clips into place and push on vent tube.



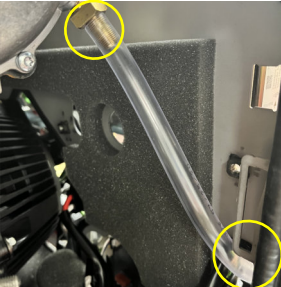
### Step 2c - Install new gas module assembly



2c-1 Install gas module and secure with 2 10mm removed bolts/washers from earlier step 1d-3.



2c-2 Secure ground strap from gas module to outer frame bolt.



2c-3 Install vent tube on regulator nipple and other end through sheet metal hole with wiring harness protected by existing sheet metal edge protection.



2c-4/5/6 Reposition top gasket so facing forward, then re-install pull handle assembly then pull up on gas module and tilt front edge of lid down to install cover over gas module.



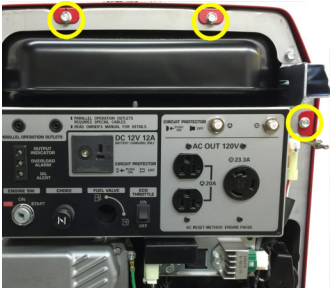
### Step 2d - Connect fuel line after cover is in place then fasten cover down (AND install proper fuel orifice)



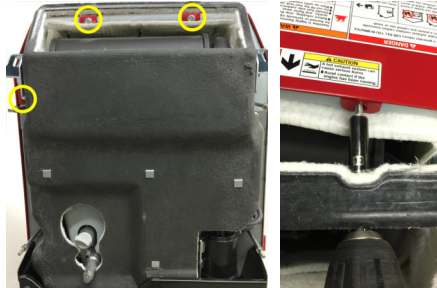
2d-1 Install new fuel line from regulator onto carburetor adapter inlet after installing correct fuel orifice (propane or nat gas)



2d-2 Re-install 2 lower side 8mm bolts.



2d-3 Re-install front 3 cover 10mm bolts.



2d-4/5 Re-install rear 3 cover 10mm bolts where 2 are partially hidden under exhaust baffle top edge.



2d-6/7 Re-install door and 2 right side bolts - all 10mm bolts, then push up gasket into place.



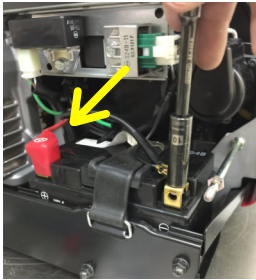
### Step 2e - Clamp inlet to cover, re-install handles, and connect battery



2e-1/2 Install supplied 2 clamp halves on top of unit then tighten 2 clamp bottom 5/32" socket head bolts on underside. **USE CAUTION- BEWARE OF SHARP EDGES ON SHEET METAL FRAME**

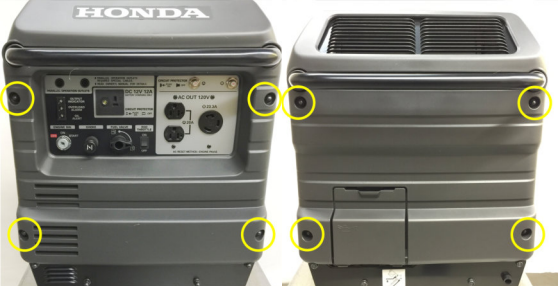


2e-3/4/5 Re-install rear handle with 4 12mm bolts then re-install exhaust shield with 4 10mm bolts then slide in front handle and secure with 4 12mm bolts.



2e-6 Connect & tighten battery terminals connecting red lead first then black lead.

### Step 2f - Re-install handles, add labels and connect battery



2f-1/2 Re-install front and back covers with 4 each 10mm cap nuts



2f-3 Remove spark plug cover, gap new supplied plug to 0.020 and install.



2f-4/5/6/7/8 For all states except California place Emissions label over existing EPA/CARB label on side of engine (inside door near spark plug). For California units place Emissions label next to existing EPA/CARB label. Apply medium size Propane label on top, Genconnex label on the REAR handle and small labels on sides as shown.



**WARNING:**  
**Propane is a combustible fuel. It should be kept outdoors at all times, If you suspect a leak in you 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.**