

STEP 1 Install Fuel Injector



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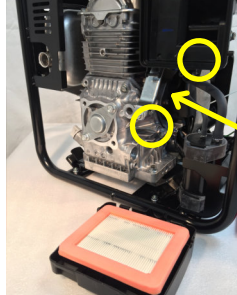


Small socket wrench
#10 mm deep socket
#12 mm deep socket
#10 box wrench
#12 box wrench

Step 1a - Remove front panel



1a-1/2 Remove 4 screws holding front panel to frame, then tilt down front to expose engine.

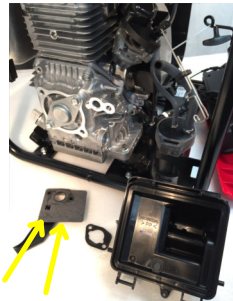
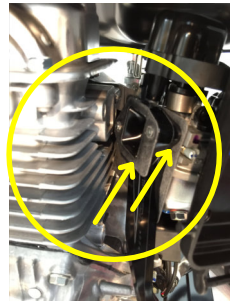
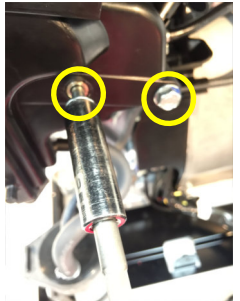


1a-3 Remove Air Filter cover and air filter, then remove lower support bracket's #12 bolt and upper #10 bolt.

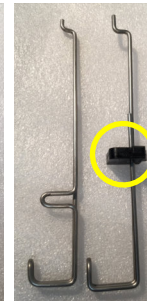


1a-4 Detach upper and lower vent tubes from back side of air box

Step 1b - Remove carburetor bolts and replace with studs

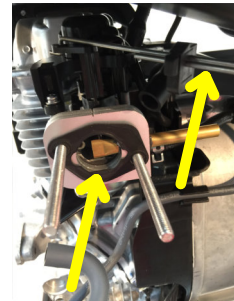
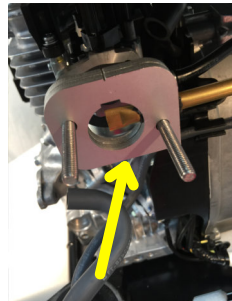
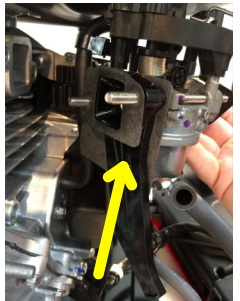


1b-1/2/3 Back-out both #10 stud bolts that hold the air box and carburetor to the engine. MAKE SURE to support the gasket assembly near the engine with one hand so you can keep track of the part order for re-assembly. Note that there is a gasket on both sides of the black air pipe(not shown) and another between the air box and the carburetor.



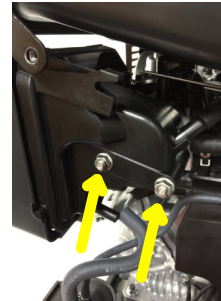
1b-4/5/6 Remove the choke lever, move the rubber bushing from the old choke lever to the new choke lever, then re-install in same orientation. Note the new lever does not have a indent near the middle.

Step 1c - Re-install carburetor and install propane & natural gas injector module



1c- 1/2 Insert new threaded rods supplied through the carburetor and the air pipe w/gaskets and hand screw assembly back into engine block. Then use two #10 nuts back to back tighten against each on each threaded rod to tighten them fully one at a time into the engine.

1c- 3/4 Slide on new gasket, then propane & natural gas injector then old gasket as shown. NOTE Step 1c-2 showed new gasket already on for orientation purposes. Also NOTE position of choke lever off to right.

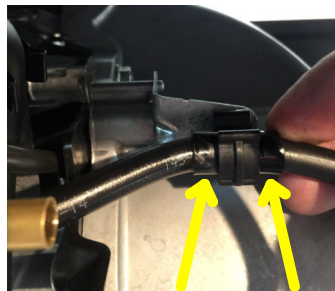


1c- 5/6 Slide on the air box then tighten the two #10 nuts onto the two studs. This should tighten up the entire carburetor and air box assembly.

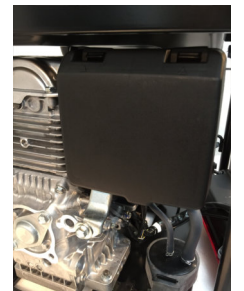
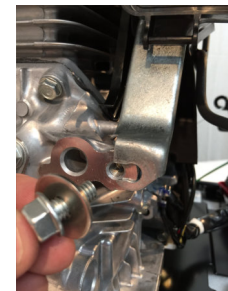
Step 1d - Re-attach vent tubes, check gasoline line and re-install air box



1d- 1/2 Re-attach upper and lower vent tubes to back side of air box.



1d- 3 CAUTION - make sure the original gasoline line going to the carburetor is still in it's clip and that the RUBBER BUSHING CENTERED IS BETWEEN THE HOSE AND THE CLIP.



1d- 4/5/6 Attach the NEW bracket supplied to the air box (note previously removed brass washer location), then use supplied washer to hold lower end of bracket to engine frame. Then install air cleaner element and cover making sure to snap both upper snaps in place fully.

Step 1e - Install propane and natural gas fuel tube then close up front.



1e- 1 Attach supplied fuel hose to the brass pipe protruding from the propane and natural gas fuel injector previously installed (push on fully).



1e- 2 Route new fuel hose behind vent tube from gasoline tank then over to other side of generator and leave hanging for next steps.



1e- 3 Re-attach front by installing and tightening 4 of #10 bolts previously removed.

STEP 2

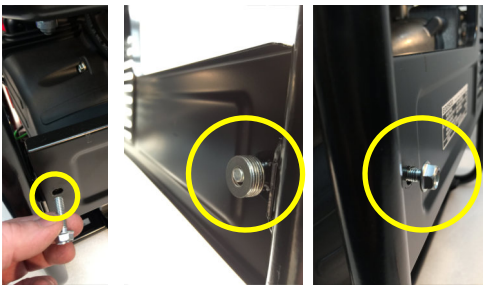
Install Gas Module



Step 2a - Change corner bolt on frame

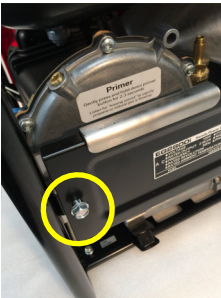


2a-1 Remove existing #10 bolt holding muffler guard to frame



2a-2/3/4 Install supplied #10 bolt (longer than original) in it's place but only far enough to support 6 supplied washers. NOTE if you screw this bolt in too far you will not be able to perform the next step.

Step 2b - Install natural gas & propane module



2b-1/2 install propane & natural gas demand regulator module as shown. Line hole in metal bracket up with #10 screw and make sure bracket is fully seated on the top edge of the generator back black panel as shown.



2b-3/4 Tighten down the #10 bolt from the outside then attach the supplied #10 flange nut on the inside and tighten the inside. NOTE you may need to hold the bolt's head from backing out when you start to get the nut on the inside tight.



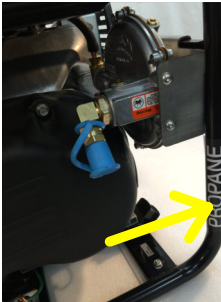
Step 2c - Select orifice for fuel to be used



2c-1/2 Select the fuel you wish to use then install either the supplied natural gas or propane orifice then push on fuel tube routed over from previous step. Note if the orifice with the larger hole is the natural gas orifice. Also NOTE this is where you will install any high-altitude orifice needed to operate either fuel above 5,000 feet.



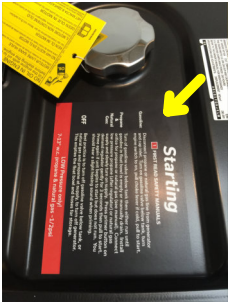
Step 2d - Apply decals and operating labels



2d-1 Apply the medium sized Propane & Natural gas label to frame rail below regulator as shown.



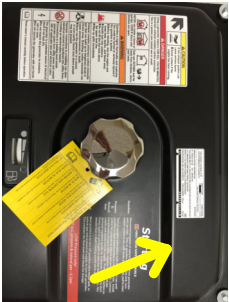
2d-2 Apply supplied rating label to back muffler guard as shown.



2d-3 Apply the supplied "Starting Guide" label to top of gasoline tank as shown.



2d-4 Apply the supplied "Genconnex" label to the side front frame rail as shown.

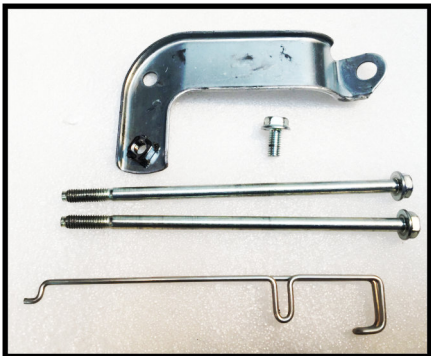


2d-5 Apply the supplied "Emissions" label next to the existing emissions label.

Kit Contents



Removed Parts that won't be used



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.