

**Genconnex®**

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## TECHNOTE

### Genconnex® Honda EU7000is Propane & Natural Gas Gen 3.1 - Gen3.3 Aluminum Air Box Upgrade

Tools Needed: Small flat blade screw driver  
#10mm socket & wrench  
Spark plug wrench

## How to upgrade your Genconnex EU7000is' Gen 3.1 - Gen 3.3 upper air box to the new Genconnex aluminum air box cover

Pic 0



Pic 1



Pic 2



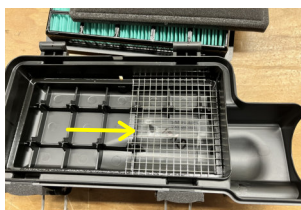
Pic 3



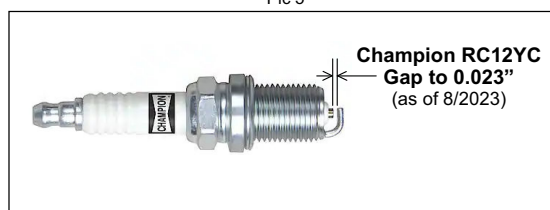
### Step 1 - Install the new aluminum upper air box cover

Start by removing the 4 clips (Pic 0) holding the 4 corners of the outer plastic air box to the back half air box. Next remove the two #10mm nuts holding the back half to the carburetor and install first a supplied flat washer then one each of the 30mm and 40mm studs (pic 1) (NOTE the longer 40mm stud goes towards the back (Pic 2). Next put the supplied clamp around the black large hose connected to the back air box half (Pic 2). Finish by installing the cover by pressing it onto the back half and securing with 2 supplied #10mm bolts (Pic 3).

Pic 4



Pic 5



### Step 2 - Install the protective screen in the lower air cleaner & re-gap plug

The supplied wire mesh (pic 1) is designed to prevent the foam filter in the air filter unit from diving into the air cleaner inlet. If this happens the air for the engine is impeded which can cause the generator to run too rich. This can then also lead to a fouled spark plug, carbon buildup in the combustion chamber and very poor operation including backfiring. Simply lay it into the lid as shown then place the foam filter over it. Add the paper filter back in close the filter compartment. Next remove the spark plug and re-gap to 0.023" (Pic 2) to reduce chance of backfiring from misfire when starting. Also please note YOU MUST KEEP THE BATTERY COMPARTMENT COVER ON when running the generator to keep it from running too lean per the Honda manual.

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