

Carburetor Bank Removal on a Magna V45

This section is an example on how to remove the carburetor bank. We are showing this on a magna V45.

Note: Clicking on any image will show you a full size image in a new window.

Start by removing the seat and to disconnect the battery.

Turn the fuel valve in the OFF position.



Slide the hose clip back as shown in the picture above.

Pull the hose from the fuel valve.



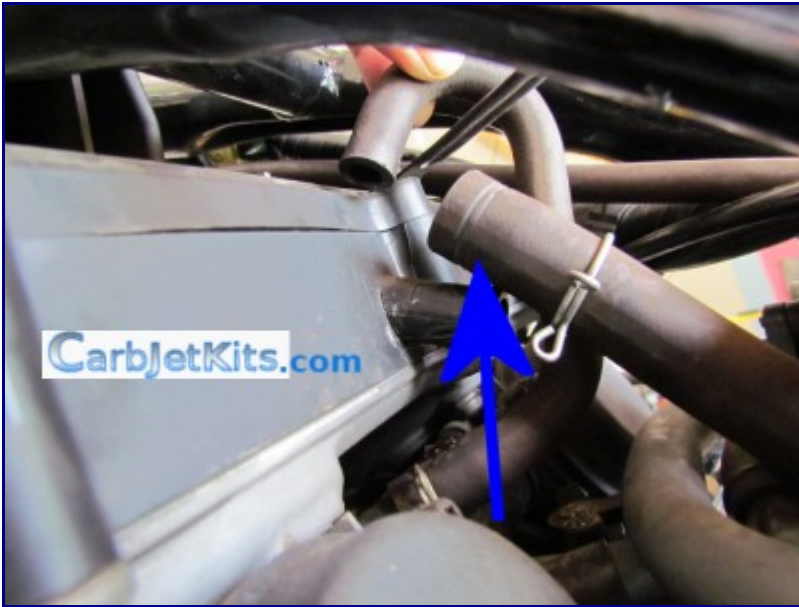
Remove the bolt that holds the gas tank and lift the tank up about 6 inches.
Look for the vent hose and remove.



take the tank from your bike and place in a secure area.
Make sure the fuel valve remains in the OFF position.
Below is an image with the gas tank removed.



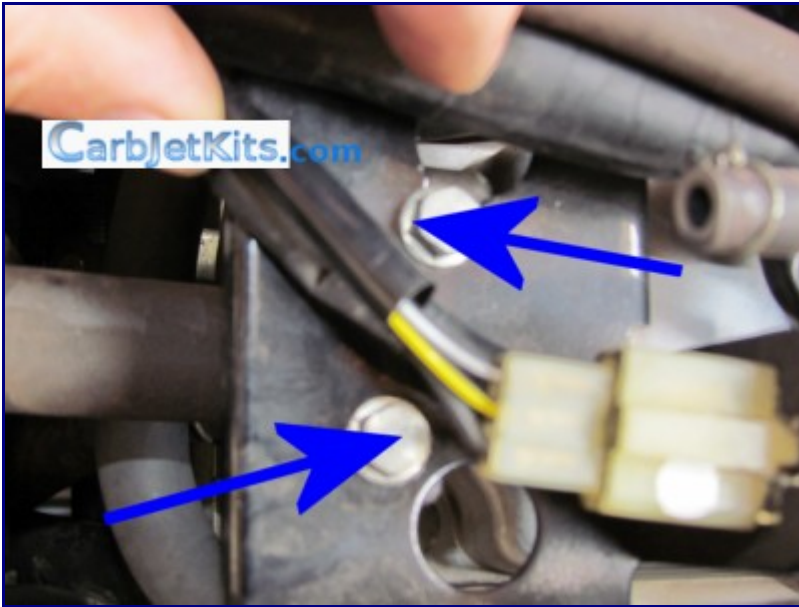
Remove the breather hose from the aircleaner box.



locate the fuel valve diaphragm.

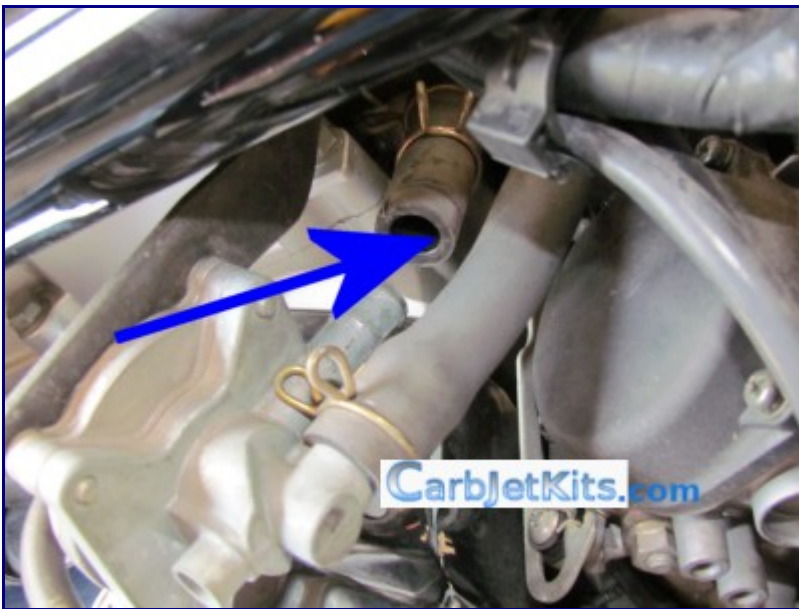


At the top side, remove the 2 bolts that hold the fuel valve diaphragm.



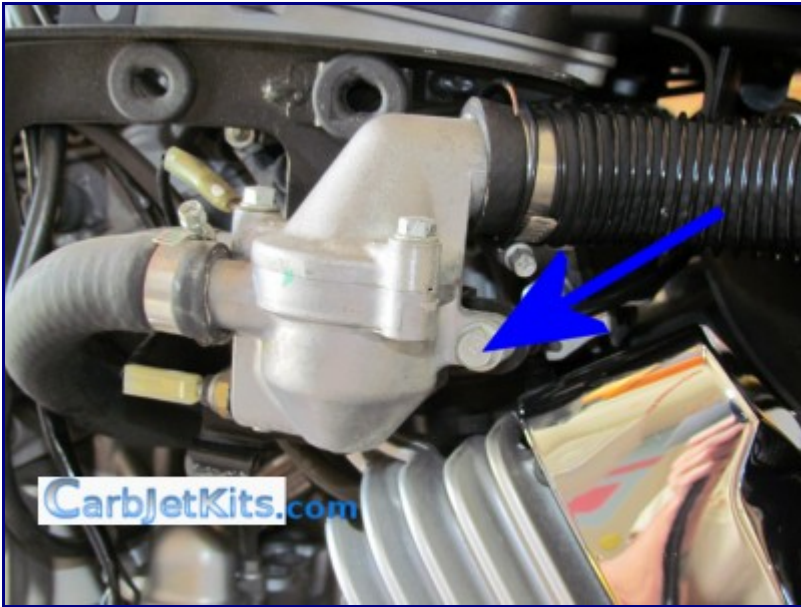
Note: you only have to remove the left bolt completely and loosen the right bolt.

Remove the hose from the diaphragm that leads to the carburetors.

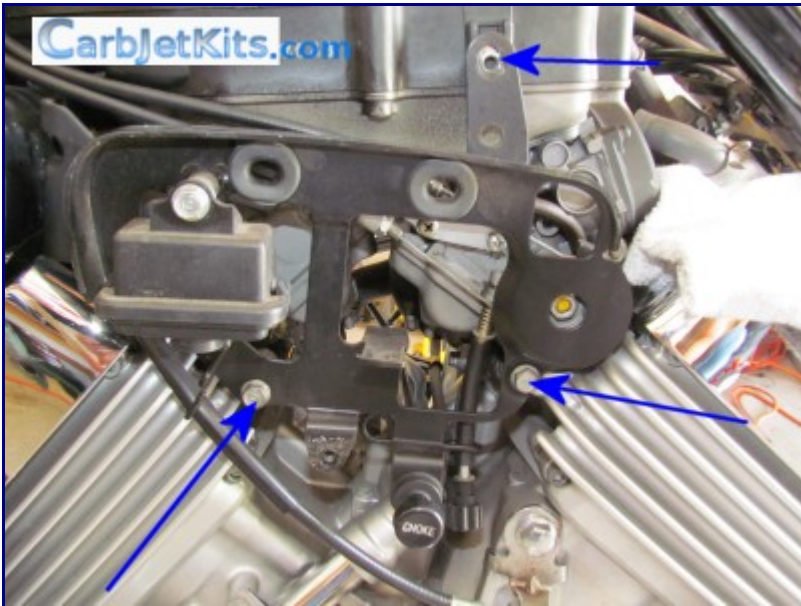


If you not have done so, remove both plastic side covers.

at the thermostat housing (right side) remove the bolt as shown in the picture below.



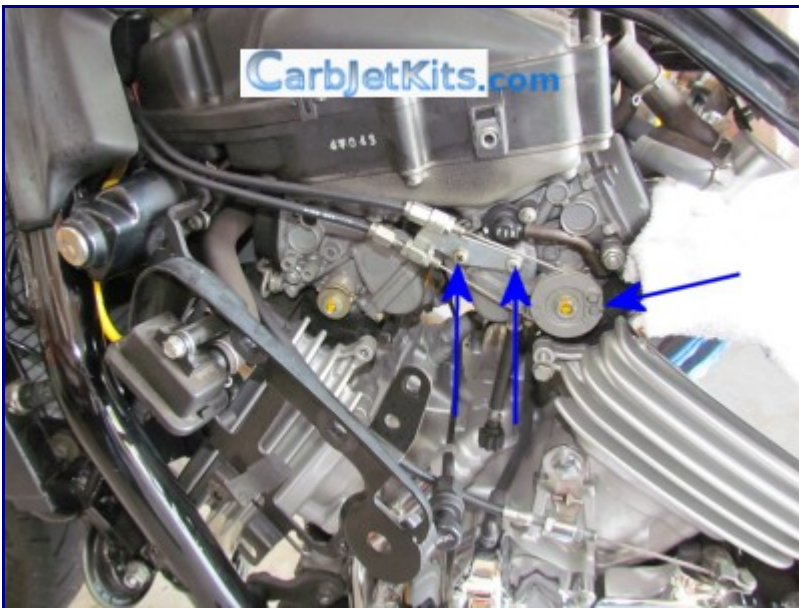
Find the choke cable bracket on the left side.
Remove the 3 bolts as shown in the image below.



Remove the choke knob by loosening the choke nut.



Slide the choke knob with cable out and let the choke cable bracket hang.
remove the 2 screws from the throttle cable assembly and take the cables off as shown below.



When done it should look like in the image below.



remove the 2 screws that hold the air intake snorkel.
there is one on each side.



Slide the air intake snorkel towards the back of the bike to remove.
When done, it should look like in the picture below.



The air cleaner lid is attached with 9 screws.

Remove all 9 screws.

Slide the air filter lid out on either left or right side of the bike.



Remove the 3 screws that hold the air filter spacer, but leave the spacer where it is.



The carbs are still attached with the boots on the intake spigots.
Loosen the boot nuts at the intake spigot side.



Now the fun part, lift the carburetor bank from the intake spigots.
You might have to work the boots a little before they come loose, but be careful not to damage anything.
Remove the carburetor assembly by sliding it out towards the left side of the bike, starting with the rear end of the carburetor assembly.



Note: you will notice that there is a hose attached to the front.
remove this before completely removing your carburetor assembly.
the picture below shows this hose after the carburetor assembly has been removed.



Cover the open intakes!

