

Suggestions:

Work on one carb at a time so parts don't get mixed-up, and looking at an assembled carb may help with reassembly.

Use an egg carton or something similar, to keep track of small parts.

Use proper fitting tools - brass carb parts are deformed easily - don't FORCE things.



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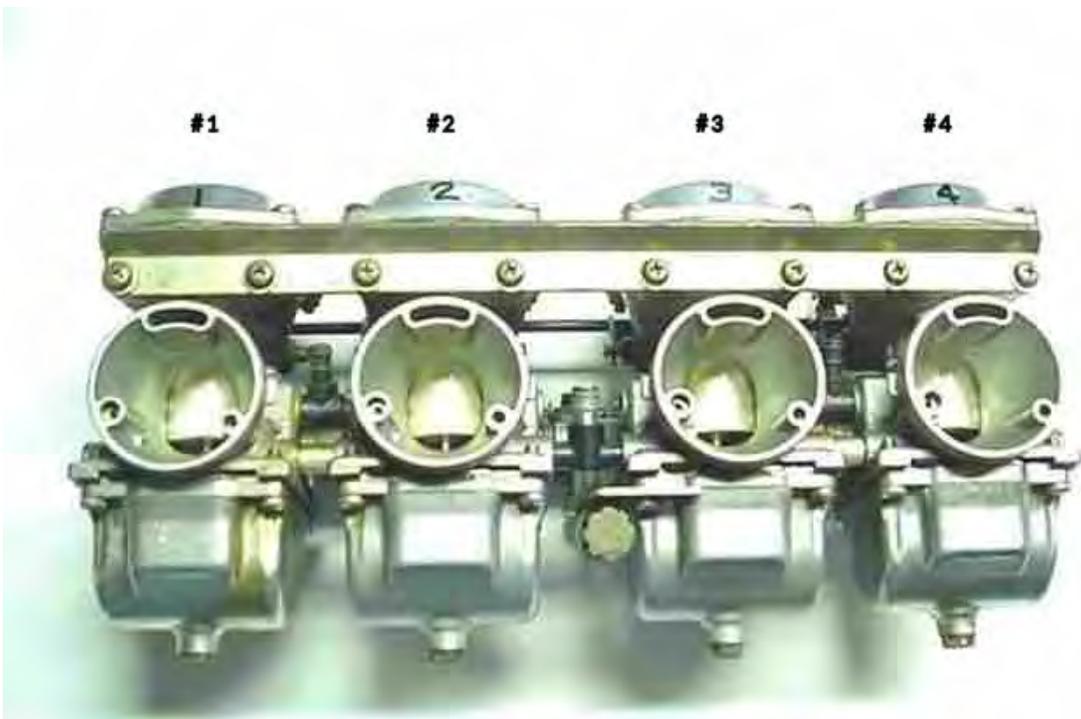
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The following are **SUGGESTIONS ONLY** that worked for the author during his carburetor cleaning and rebuilding experience. Use any of these suggestions at **YOUR OWN RISK!!**

Refer to the manual when needed!!!

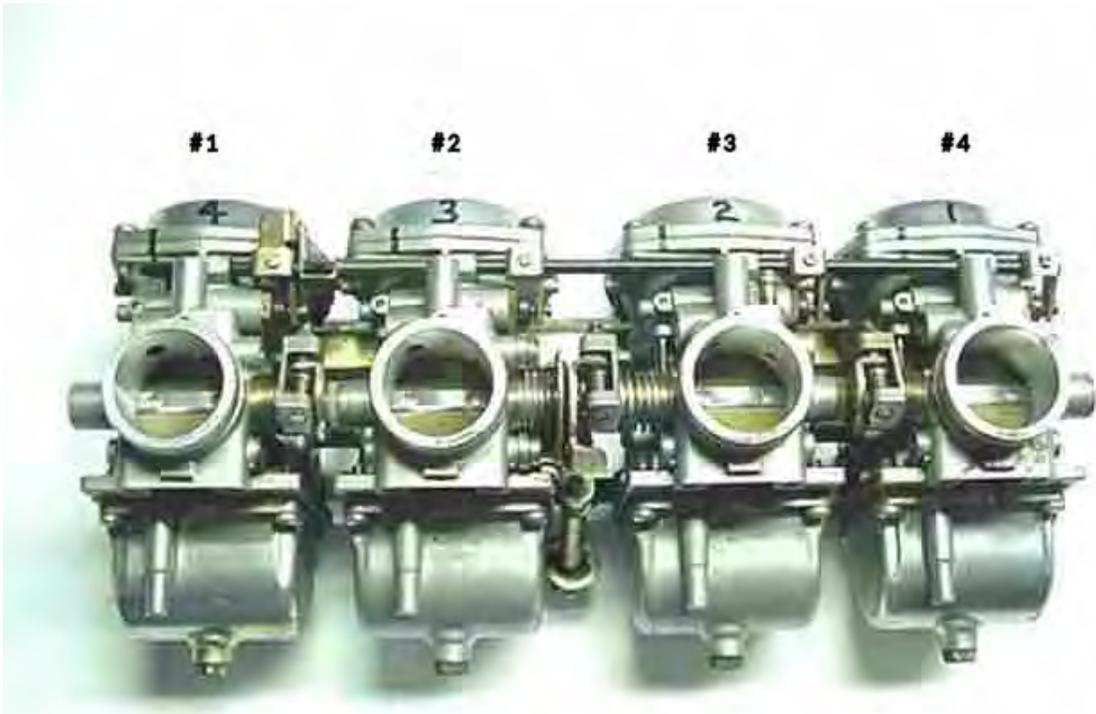


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View of carbs from airbox (rear of bike) side.

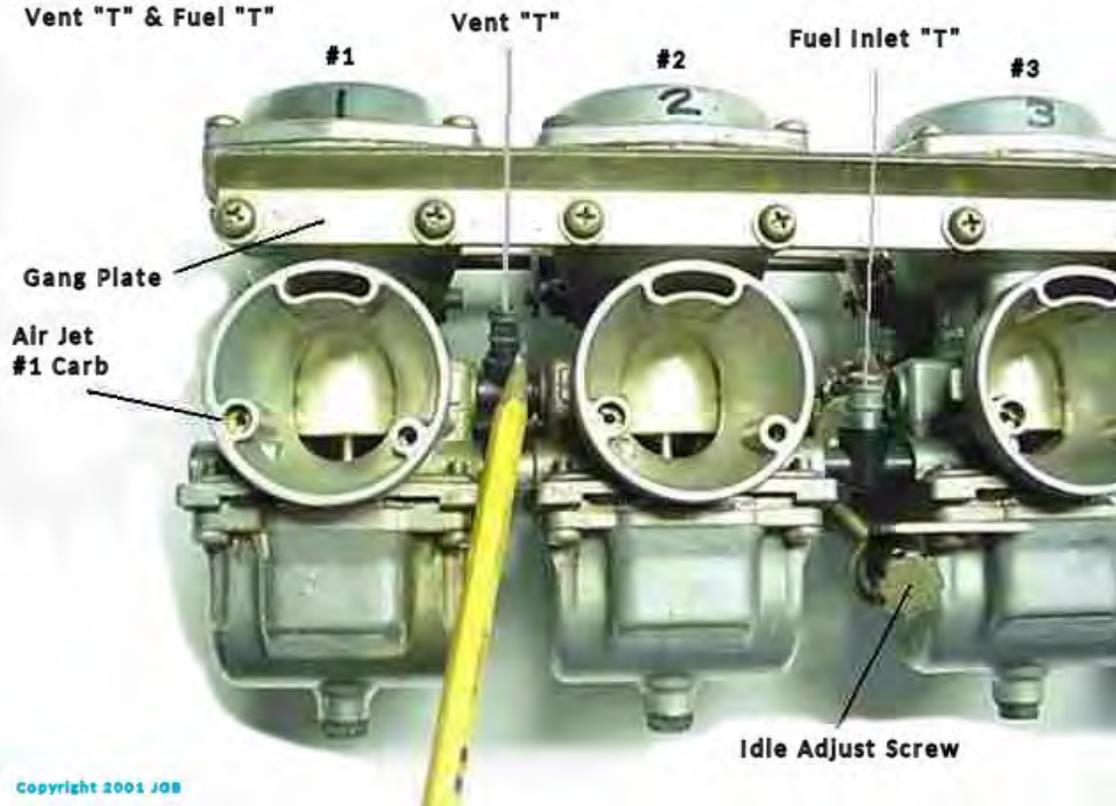
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View of carbs from engine (front of bike) side

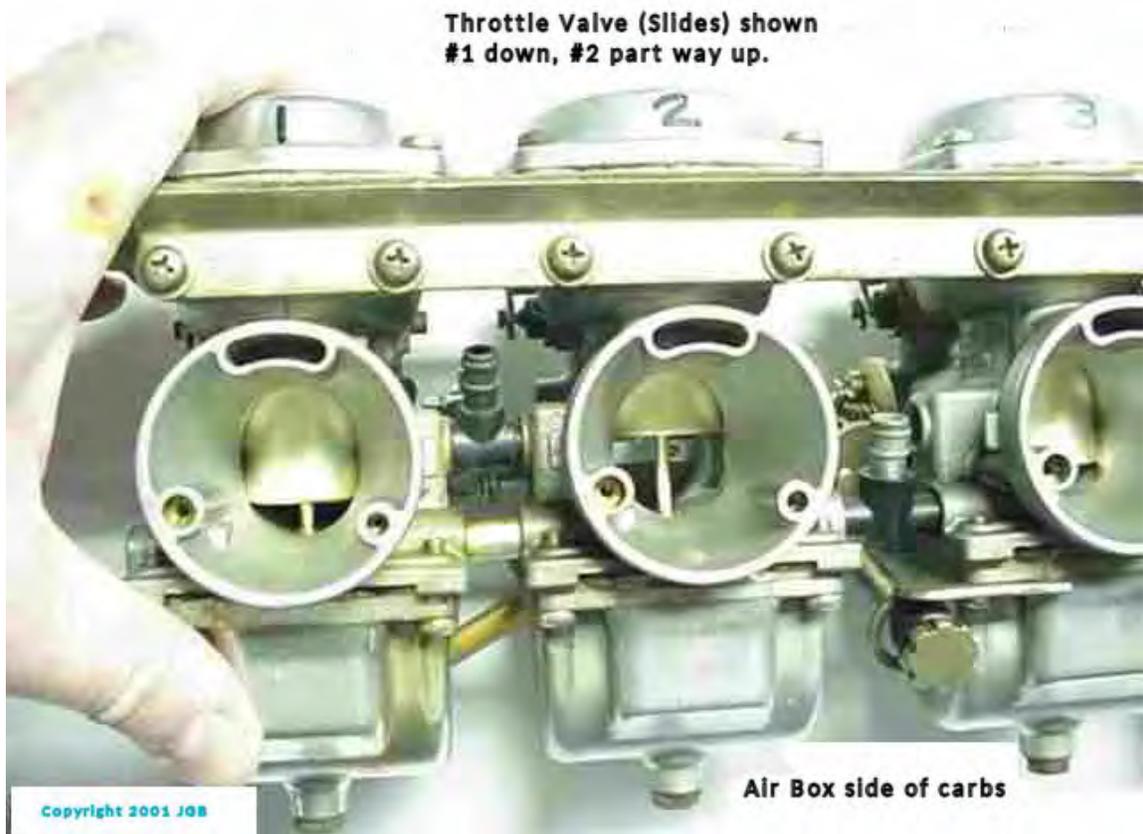
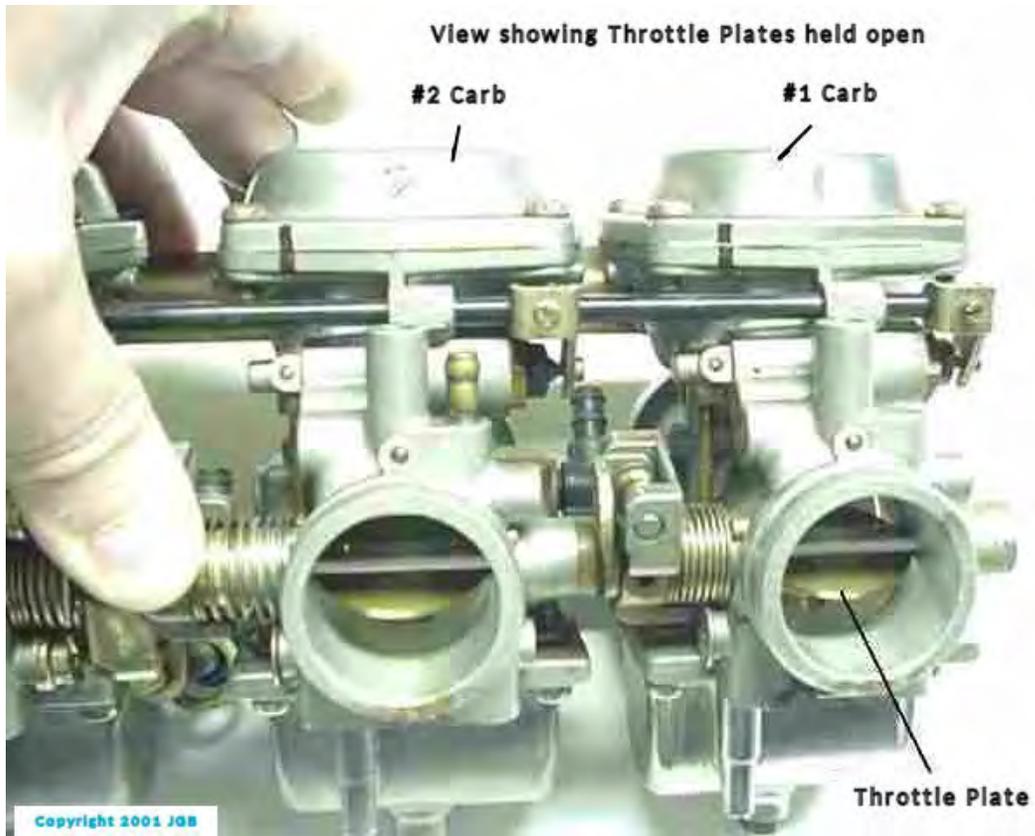
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View Airbox side
Vent "T" & Fuel "T"

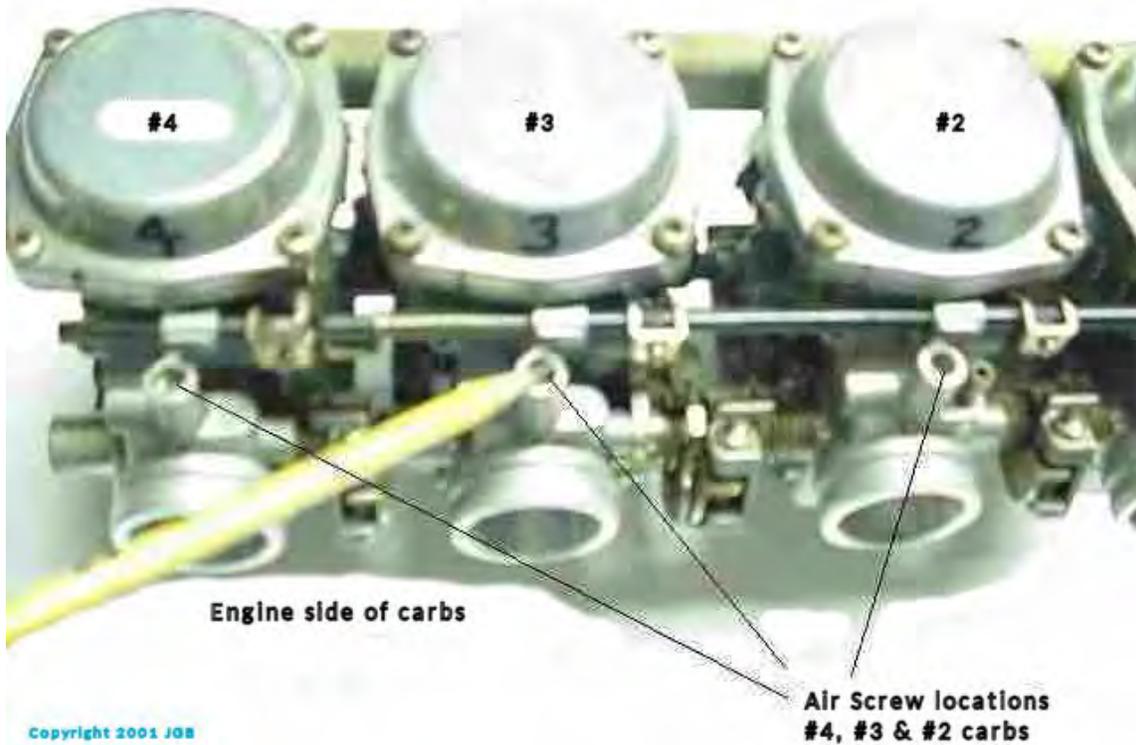


Vacuum port on #2 carb pointed out. This port goes to the fuel petcock small tube fitting.

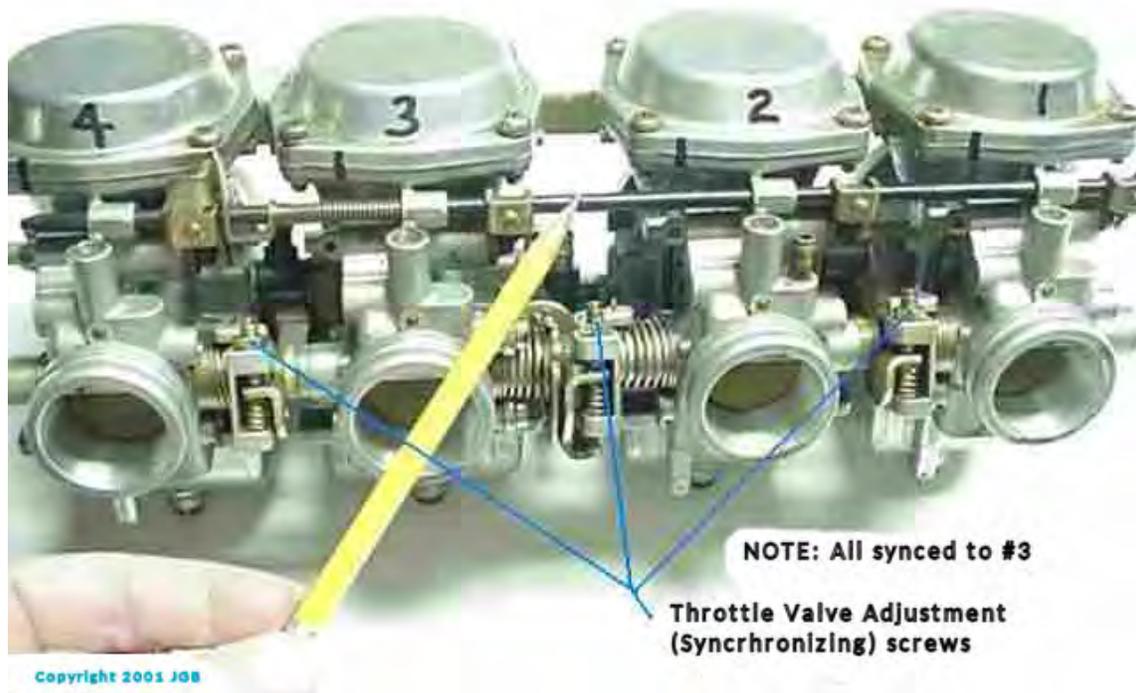


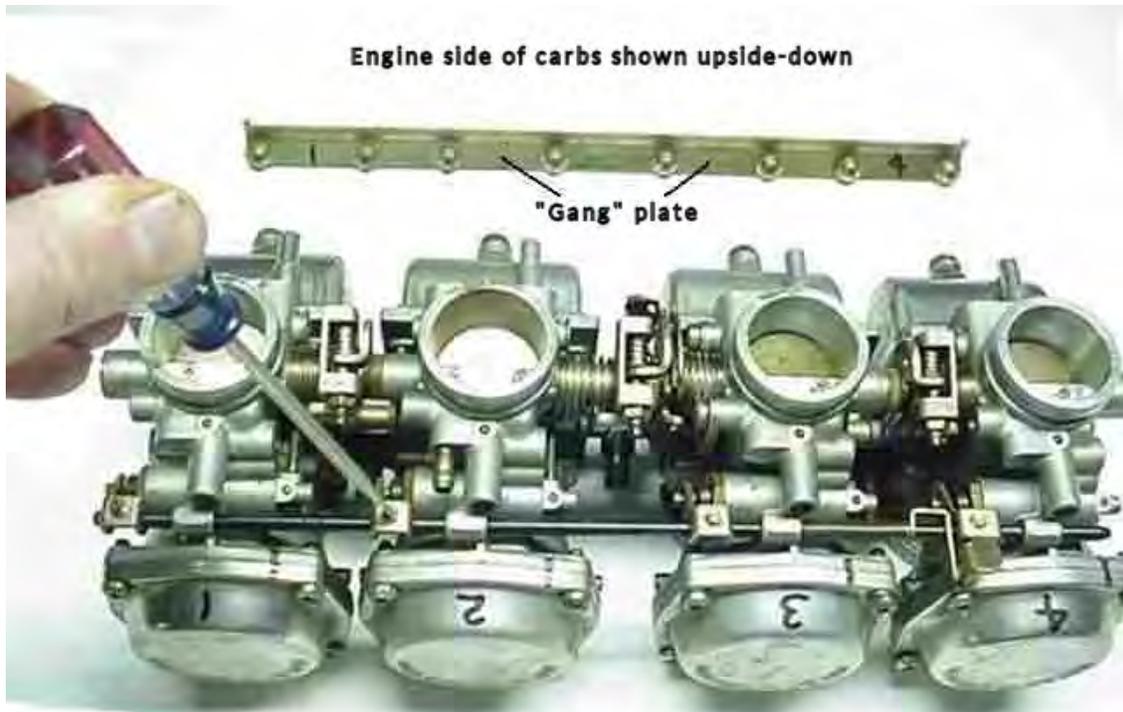


Air Box side of carbs



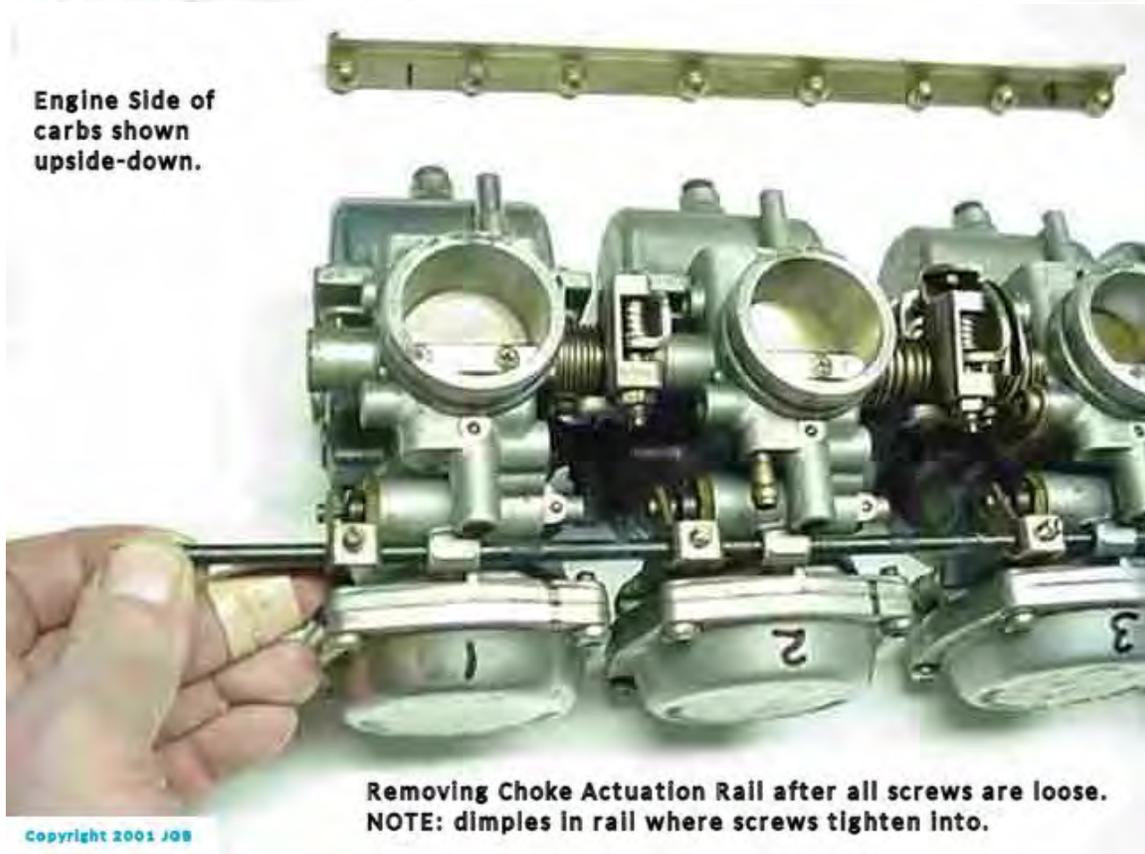
Engine side of carbs shown
with Choke Rail pointed out.





Loosening screws in preparation of removing Choke Actuation Rail.

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Engine side of carbs shown ready to separate, with choke rail (foreground) and "gang" plate removed (background)

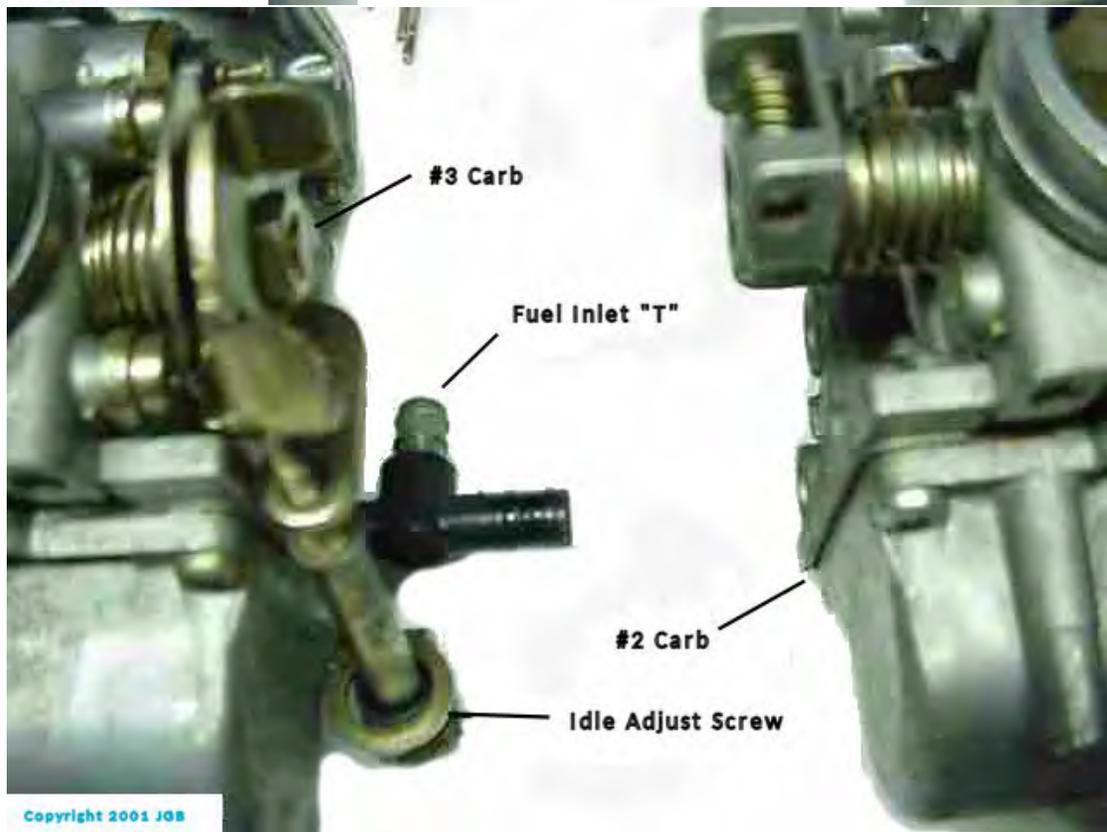
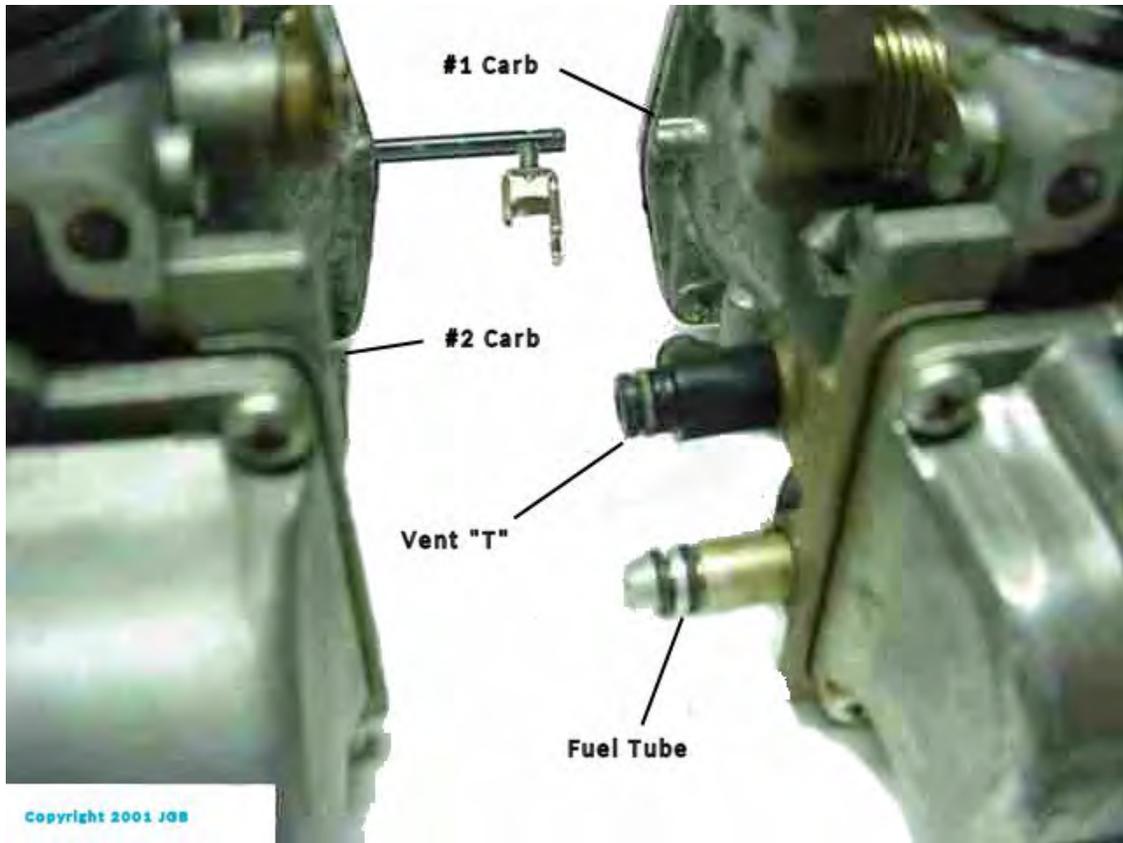


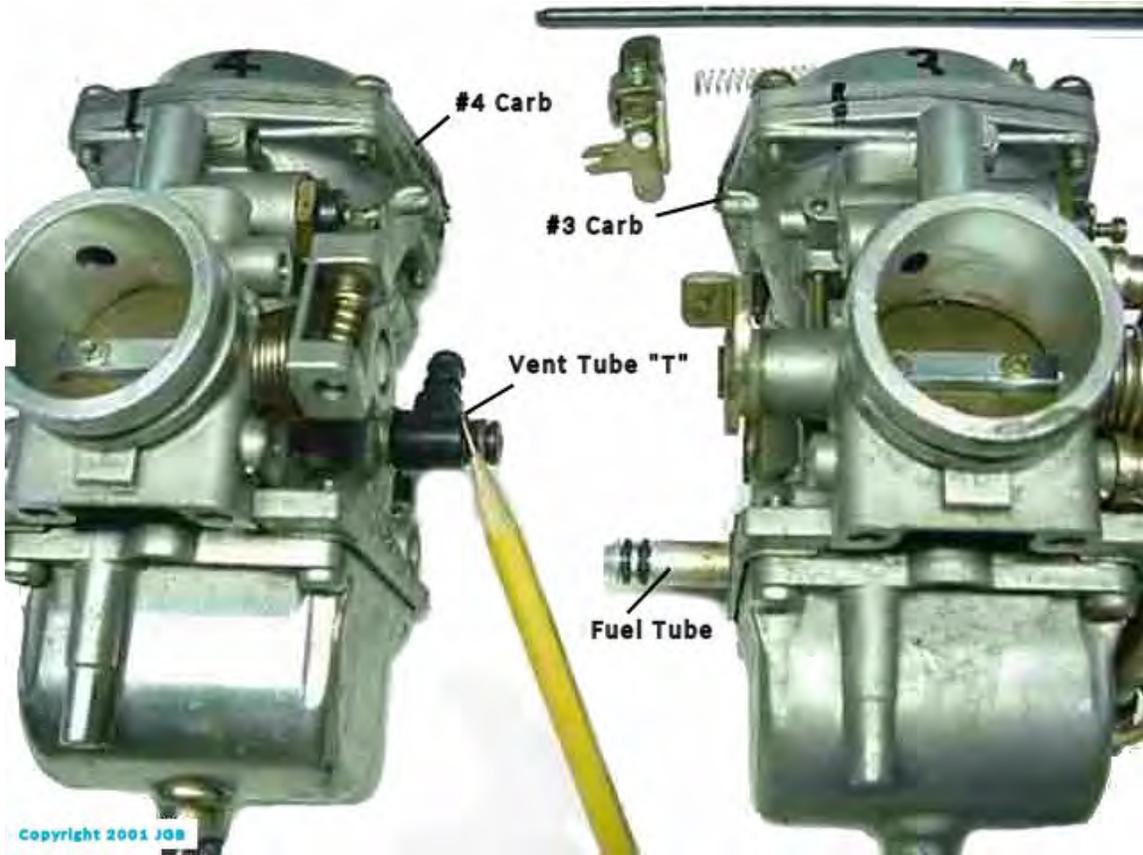
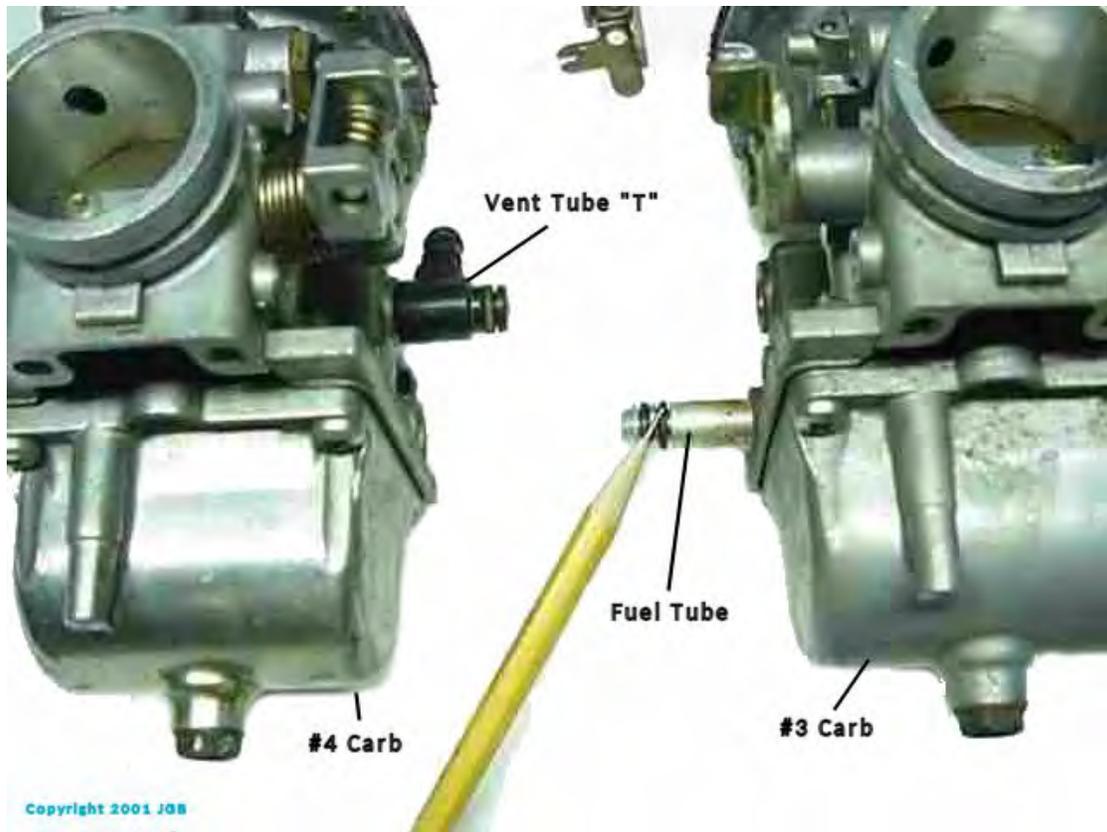
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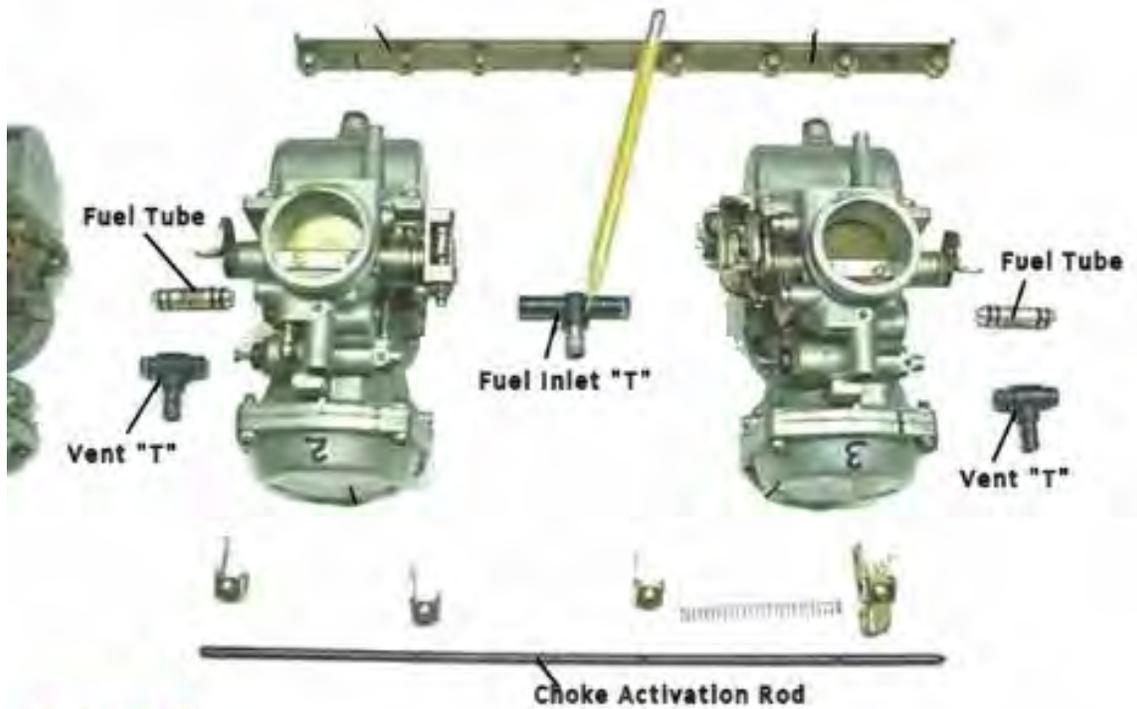
Engine side of carbs shown separated and upside down, with choke rail components in the foreground

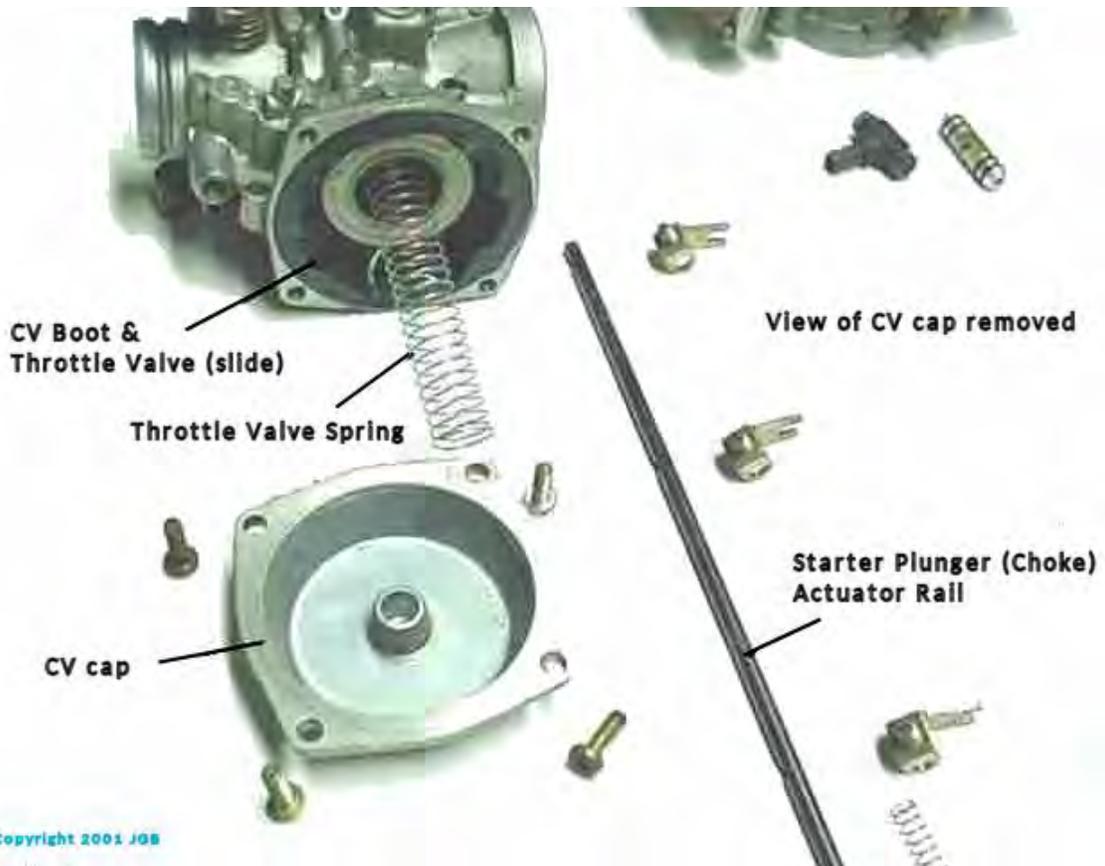


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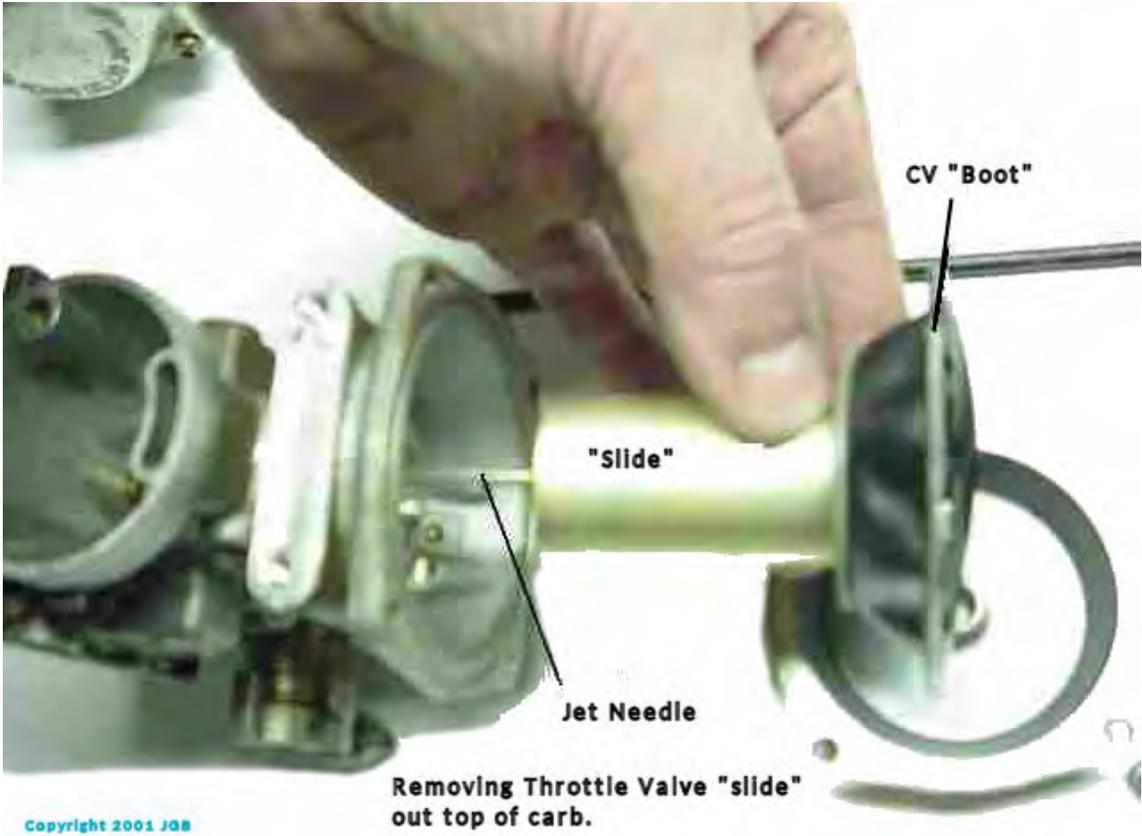






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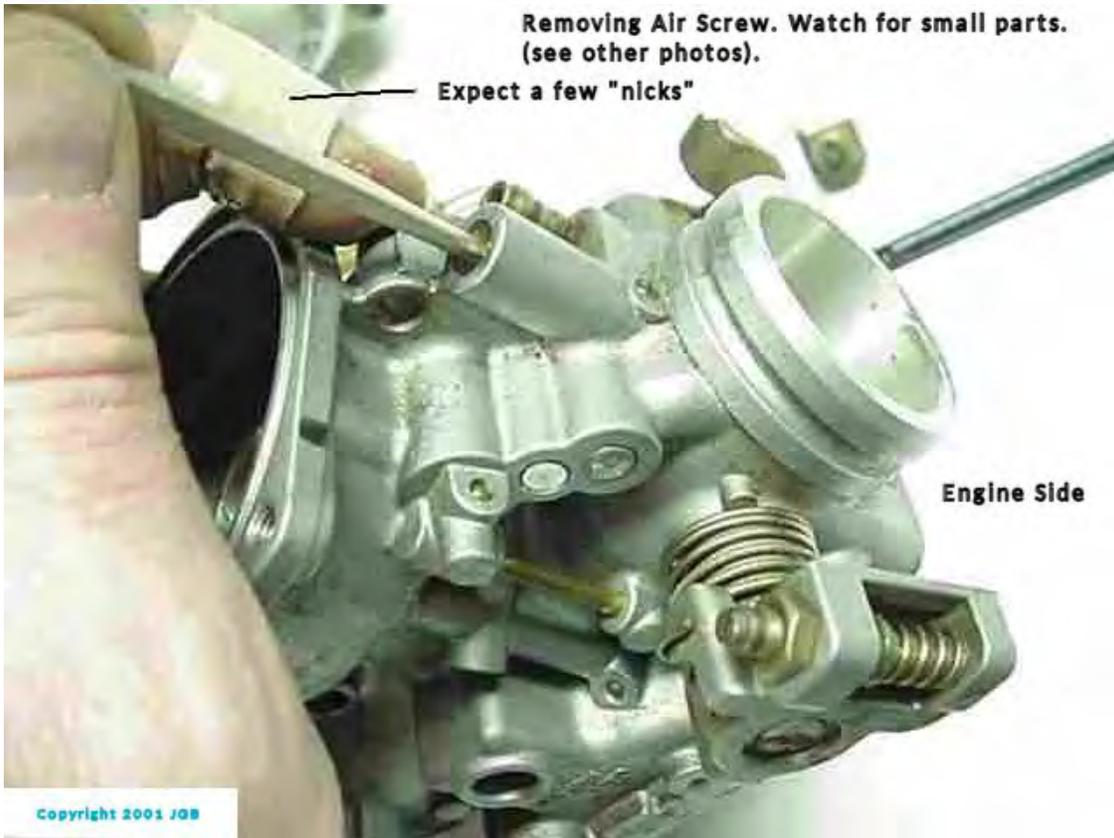






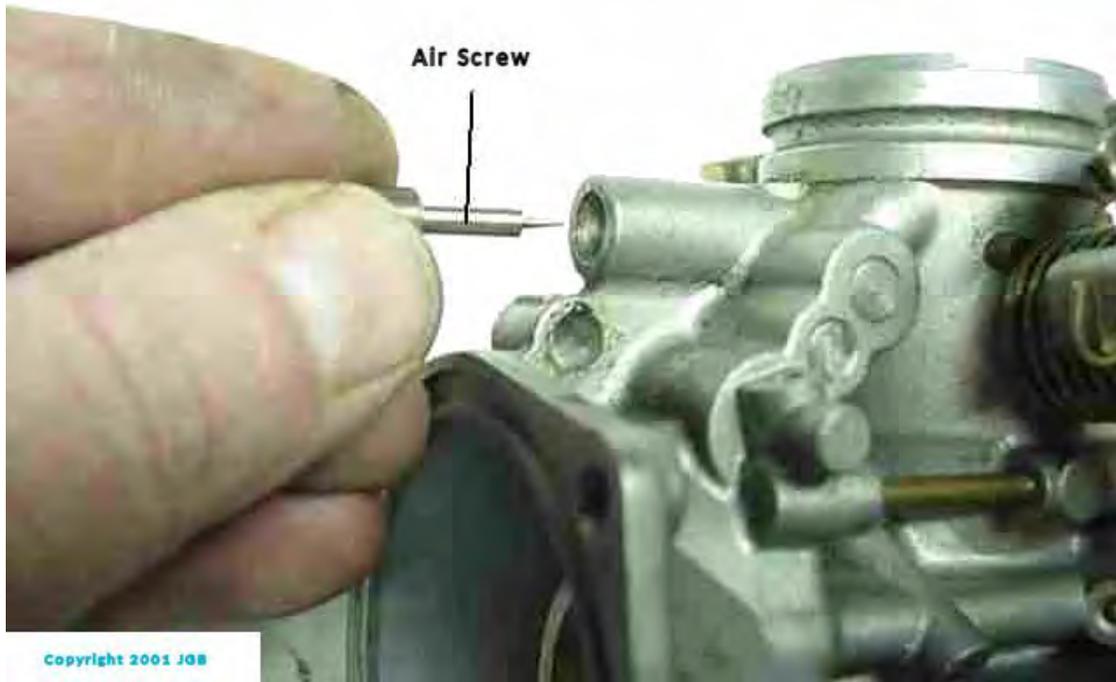
Parts out the top of the carb shown

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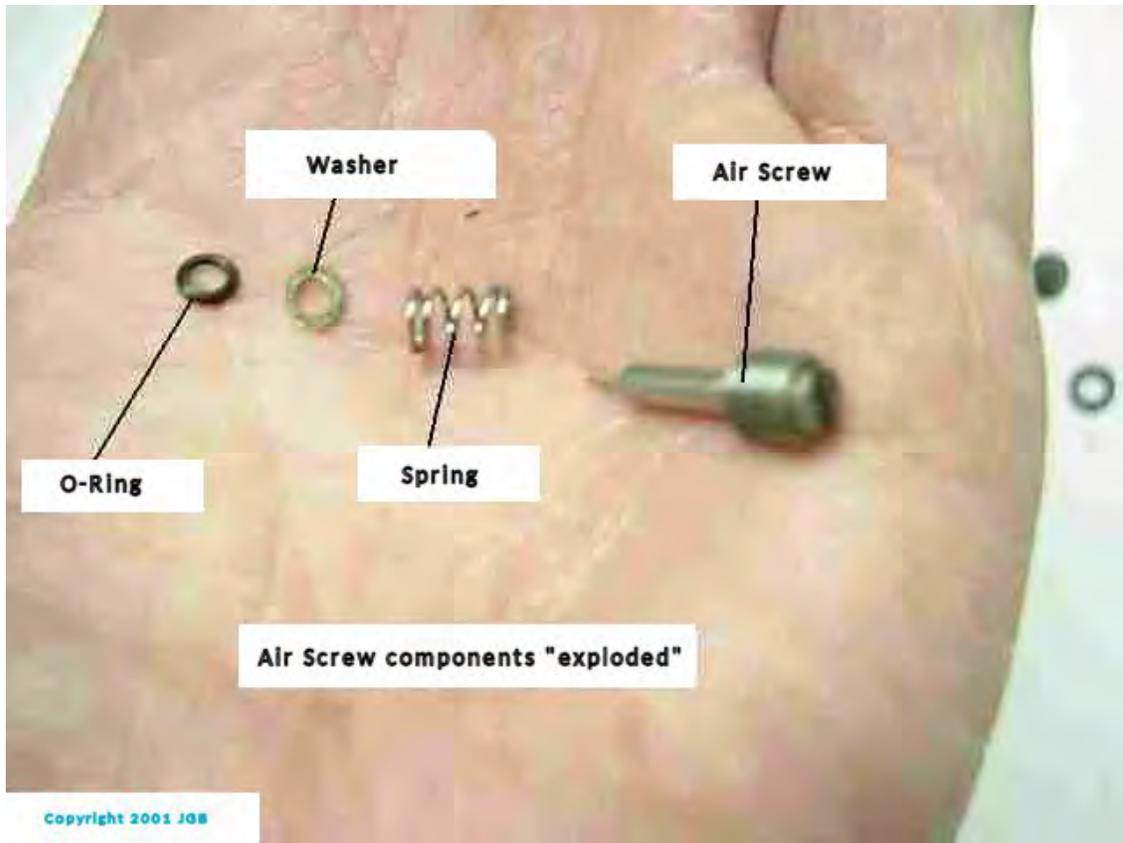
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Air Screw removed



Air Screw Spring removed



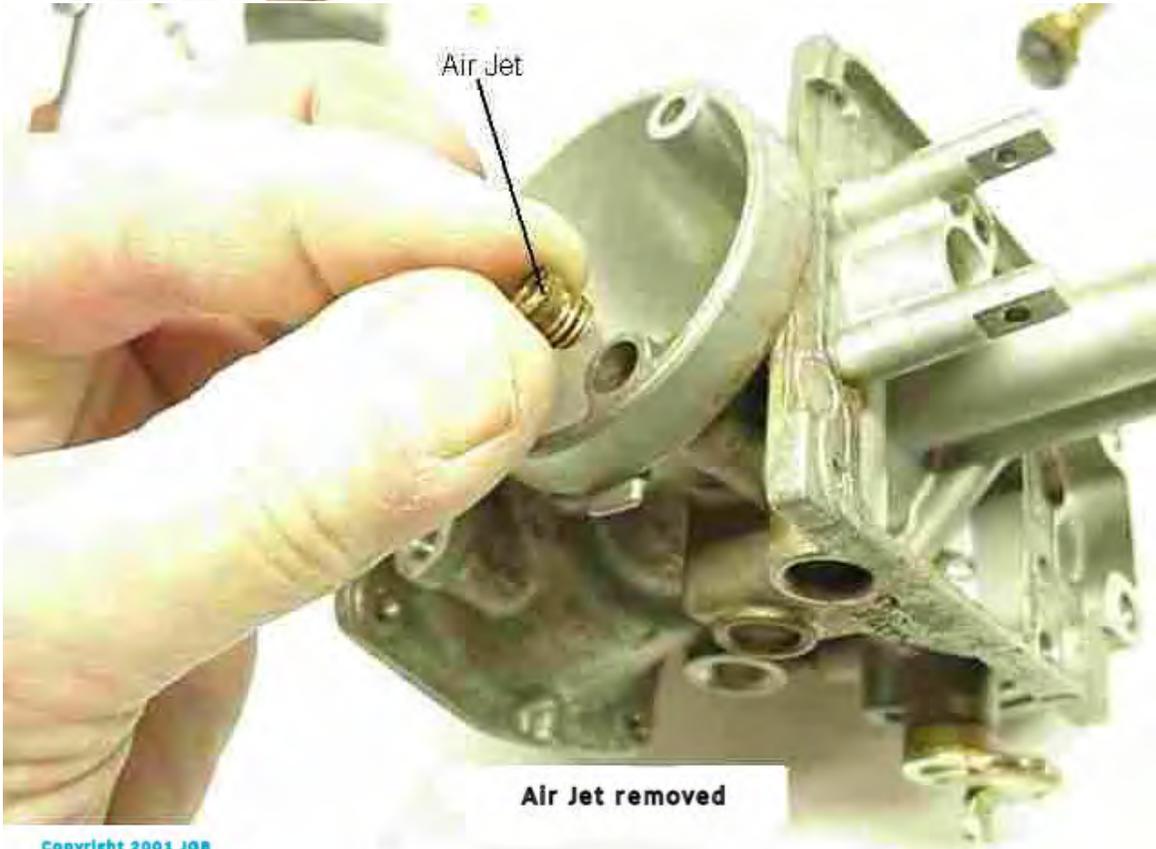




Removing Air Jet. NOTE: use good fitting screwdriver and if stuck spray/soak with carb cleaner.



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Air Jet

Air Jet removed

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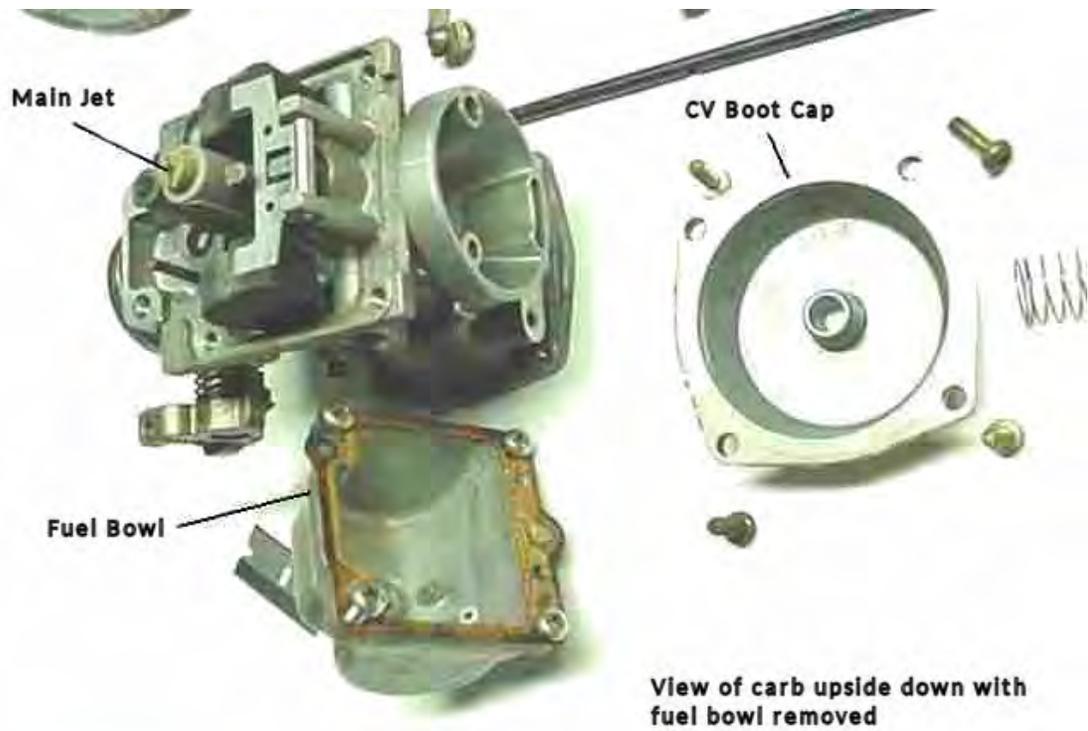
Removing fuel bowl screws, preparing to remove fuel bowl.

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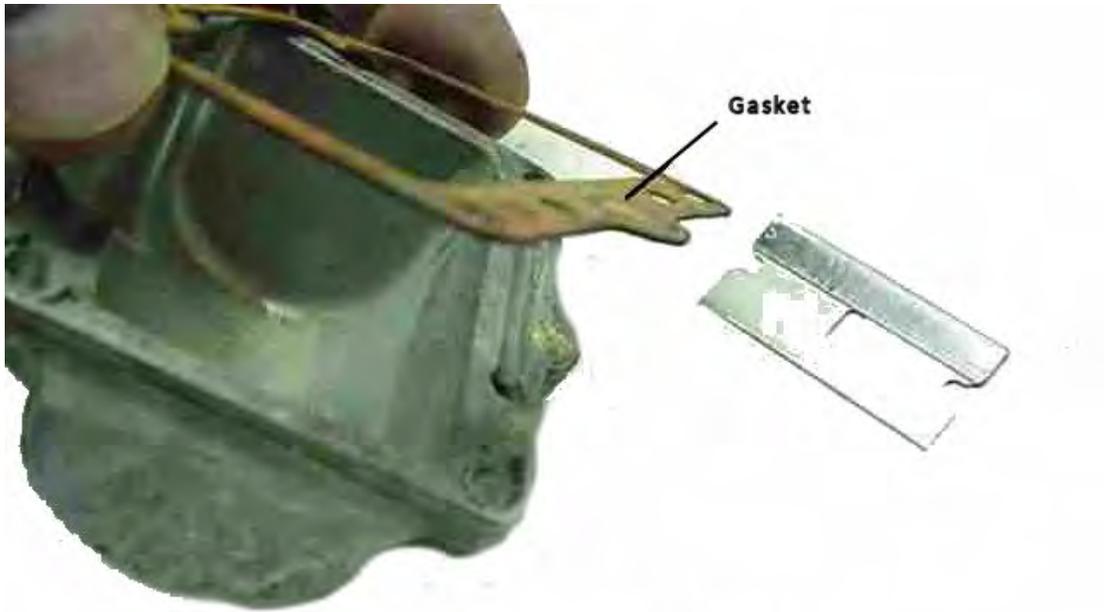
While removing bowl, gently coaxing fuel bowl gasket with a razor blade to prevent fuel bowl gasket from tearing during removal.

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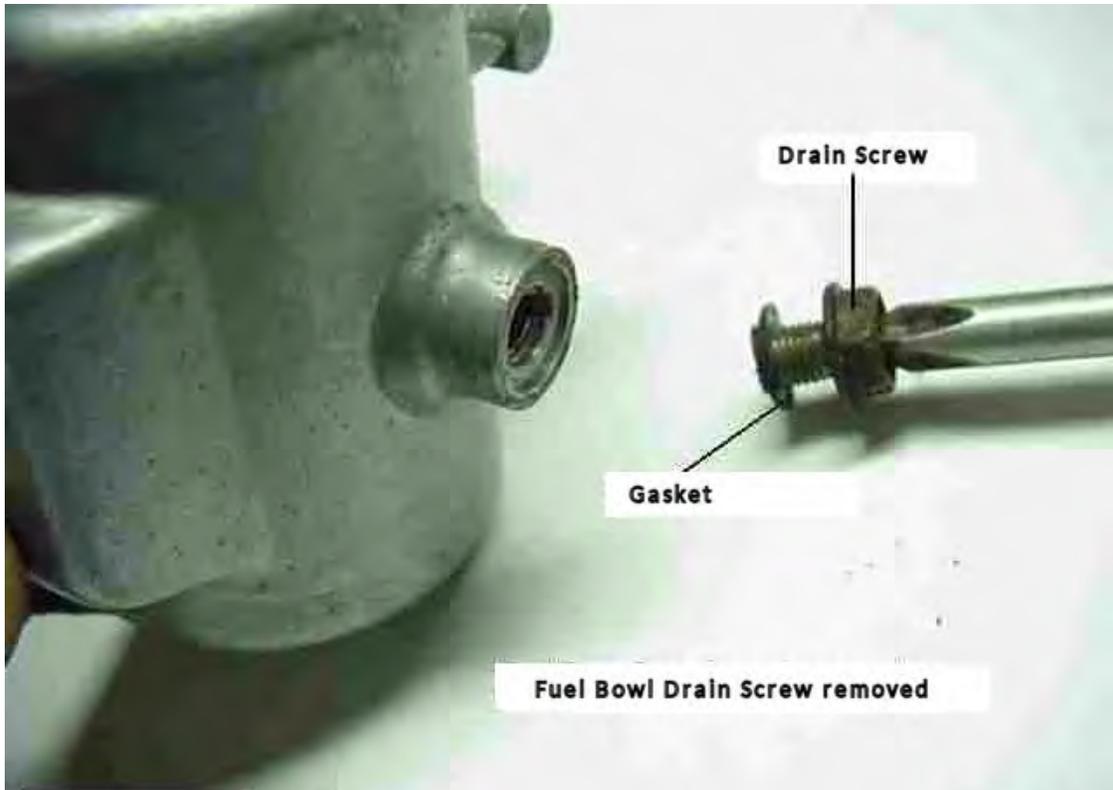


Fuel Bowl Gasket removed

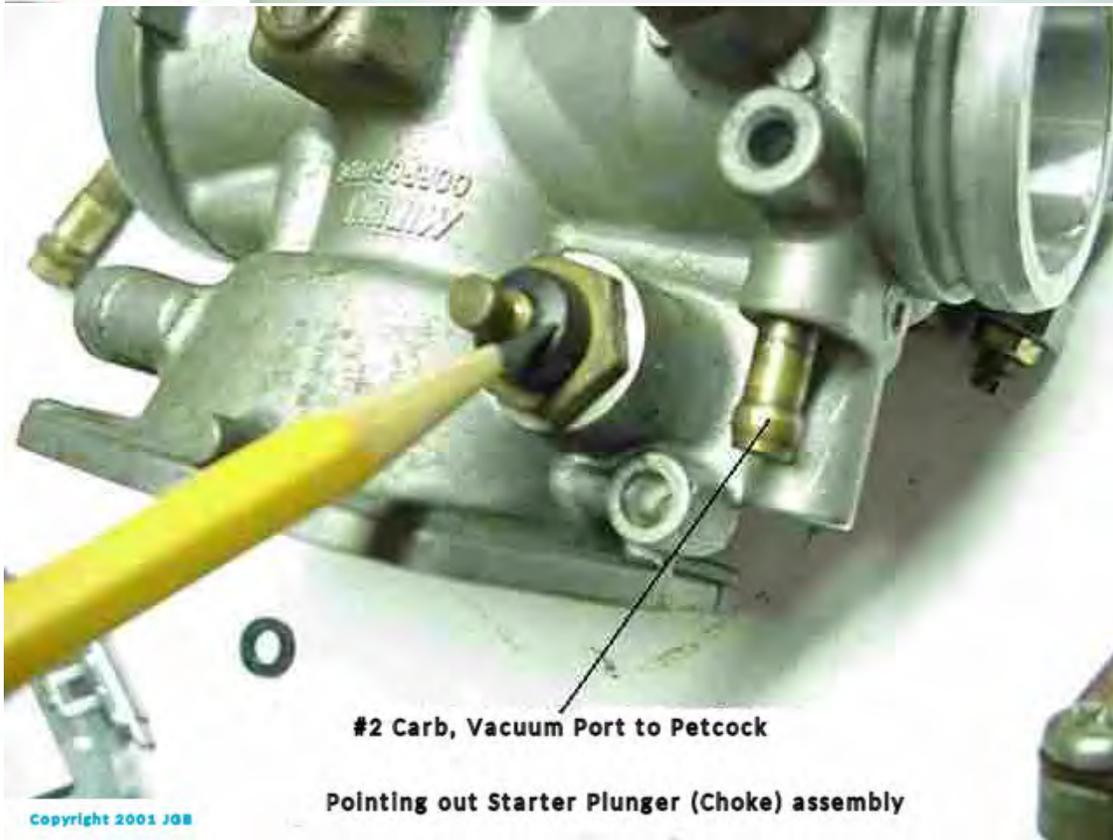
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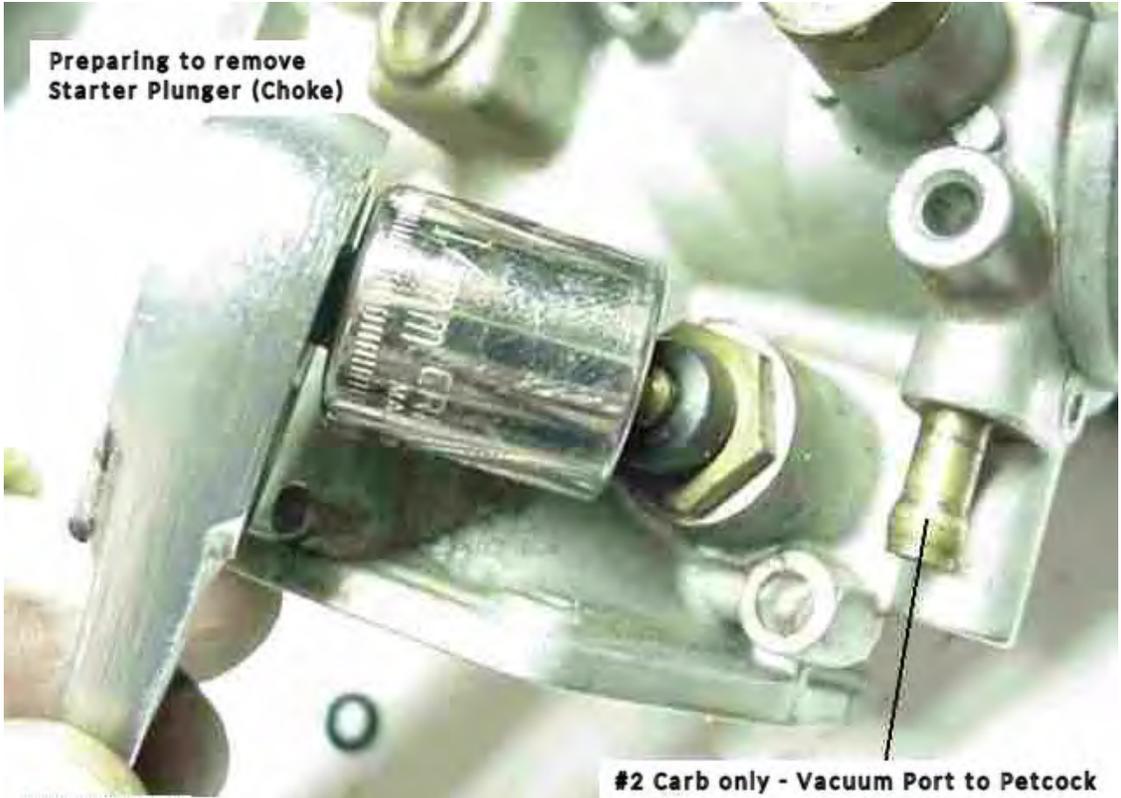
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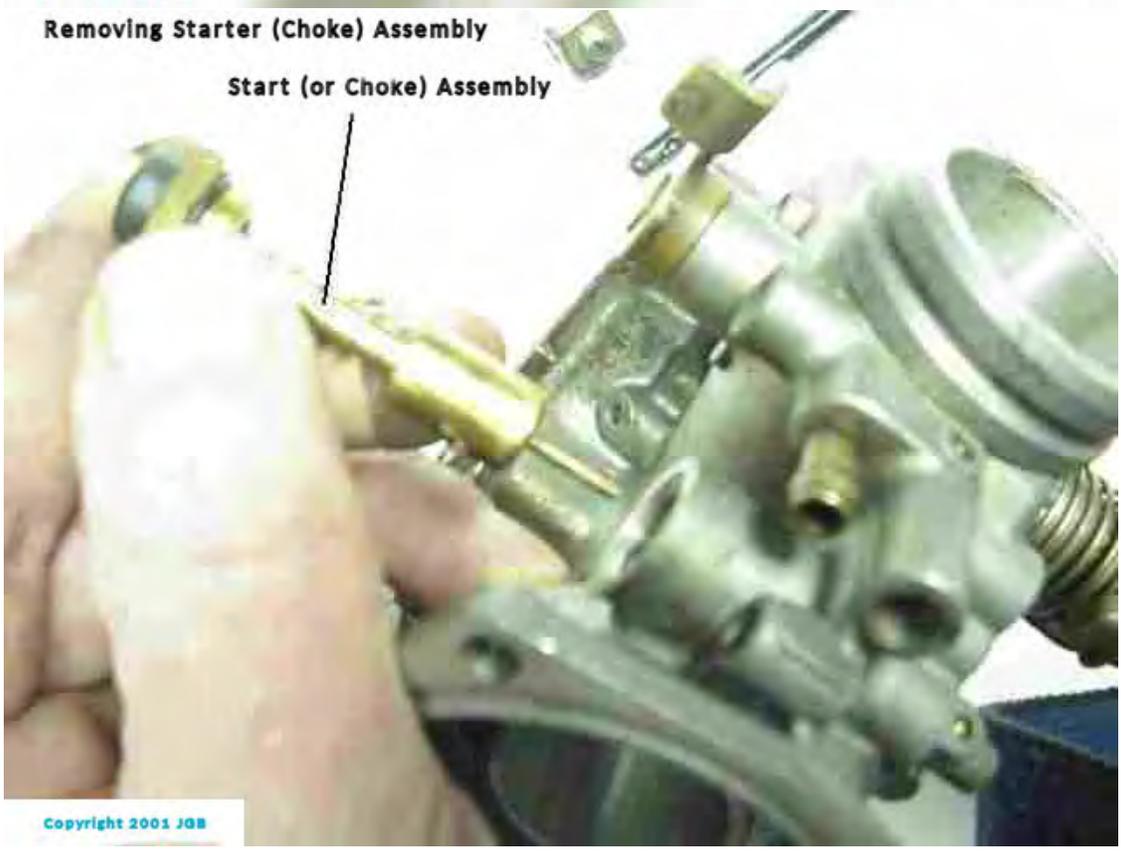
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Preparing to remove Starter Plunger (Choke)

#2 Carb only - Vacuum Port to Petcock

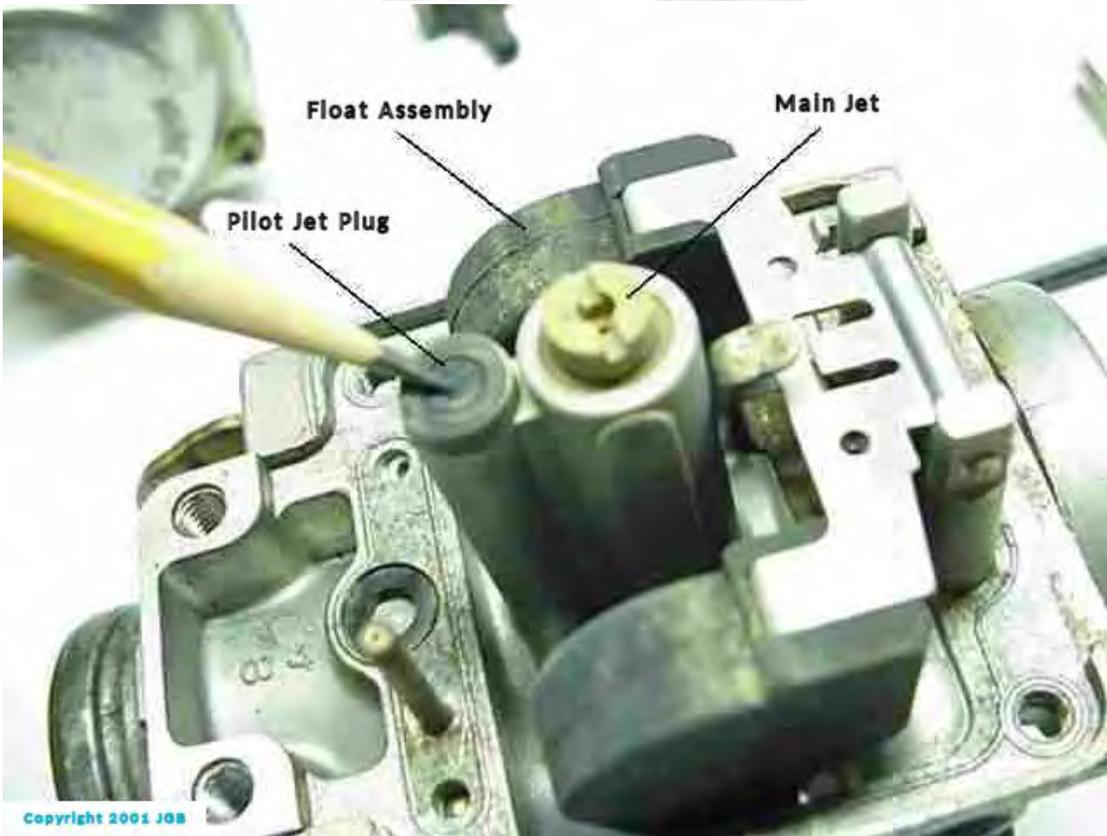
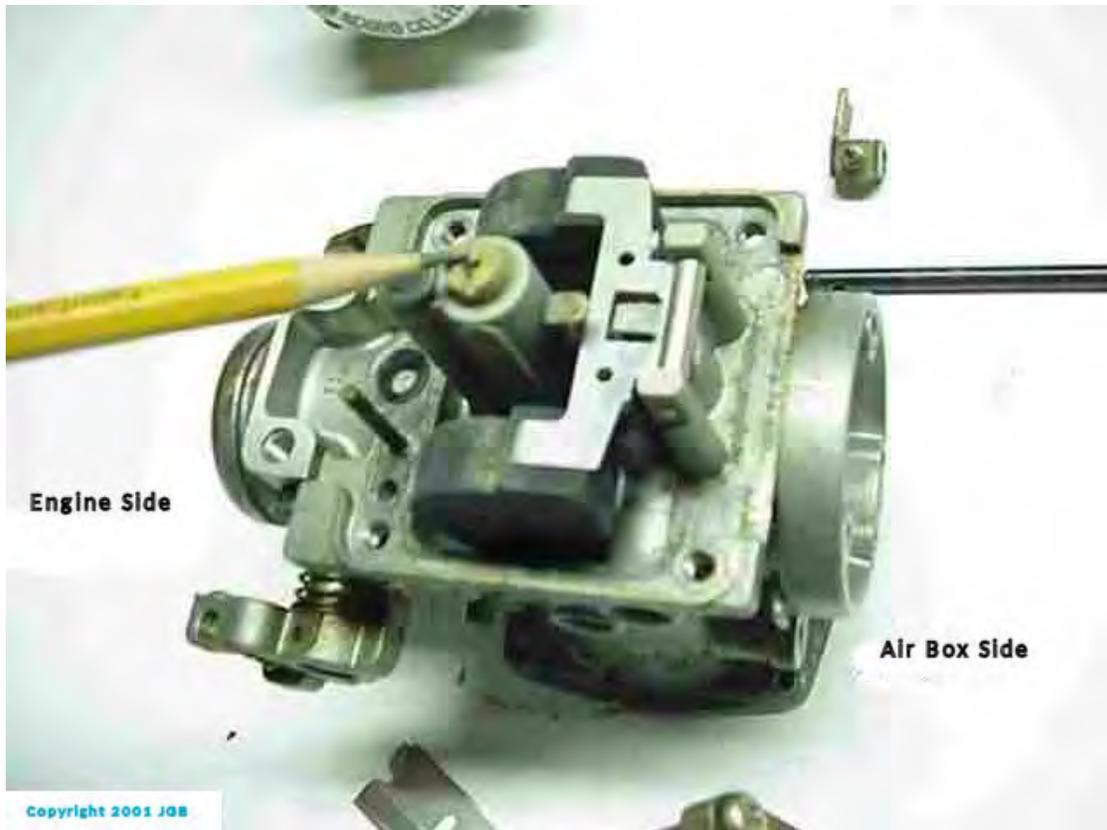
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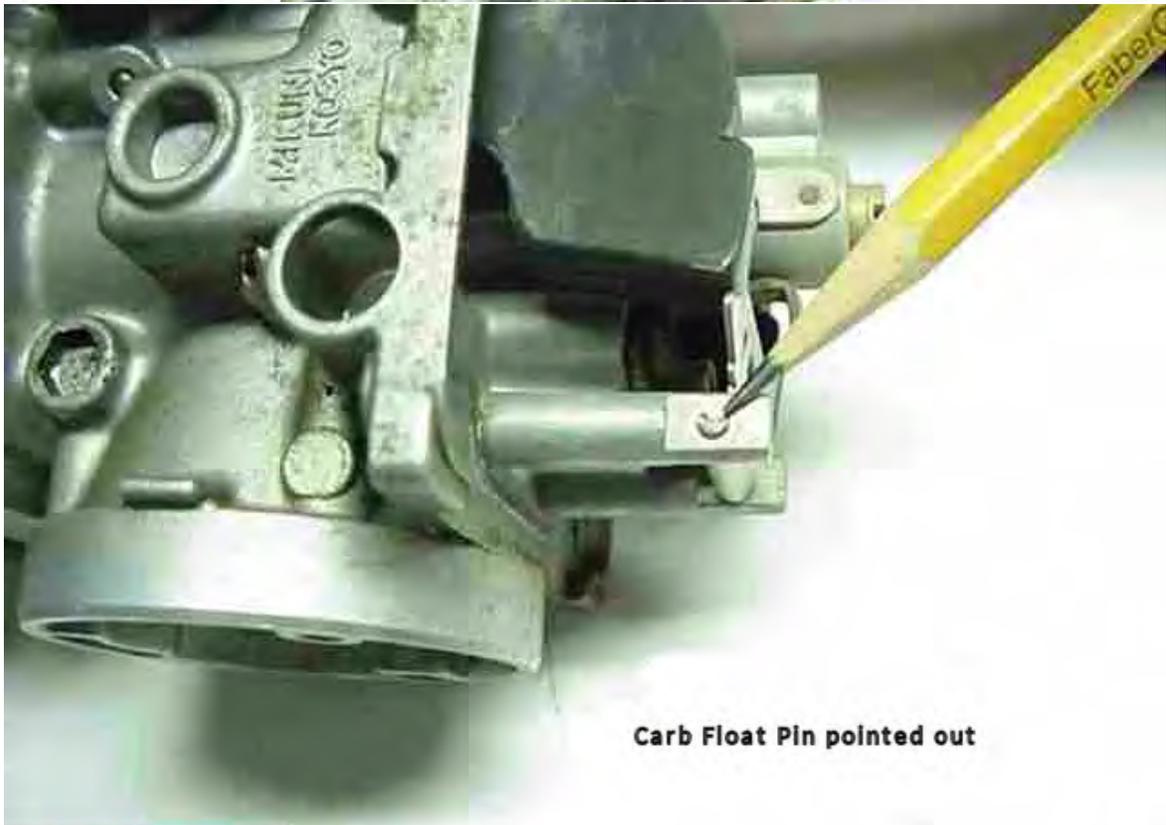
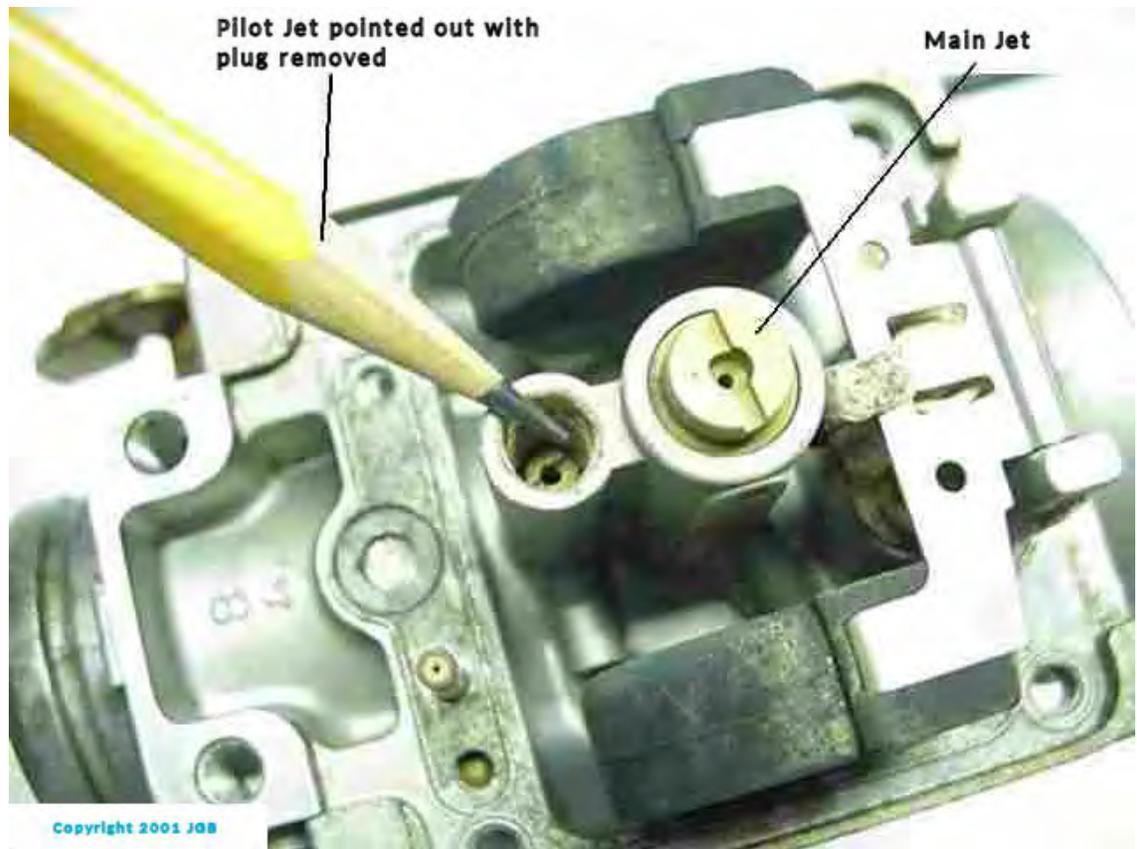


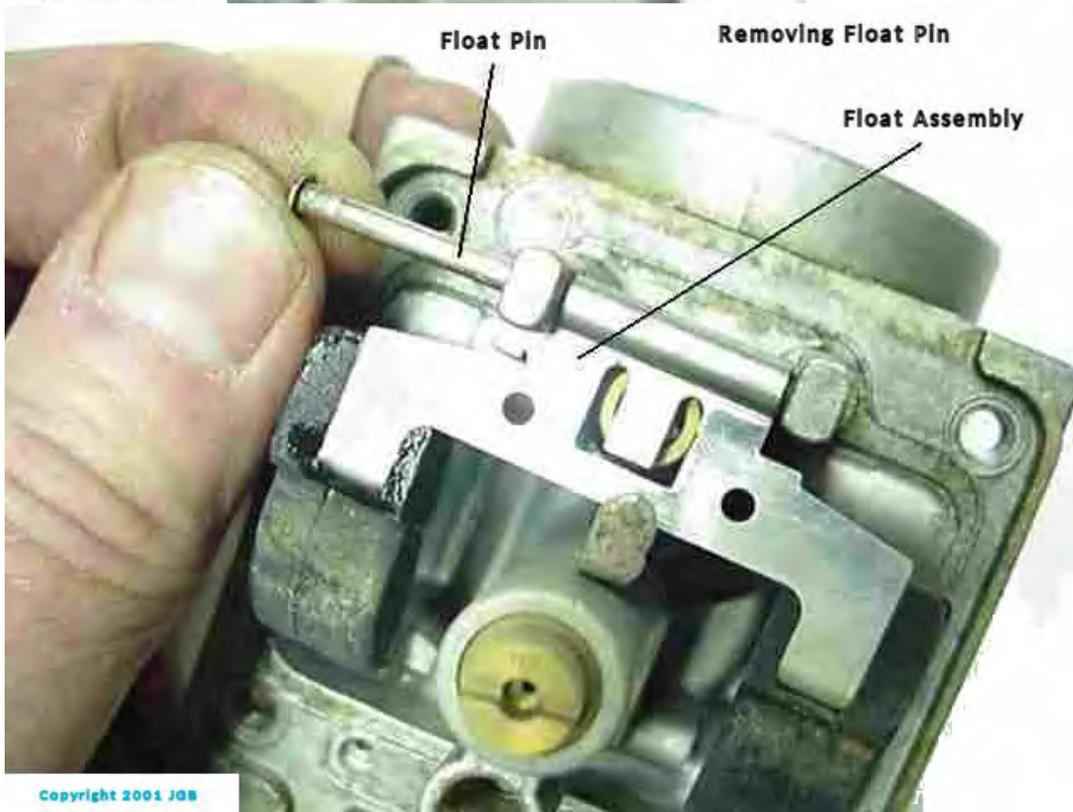
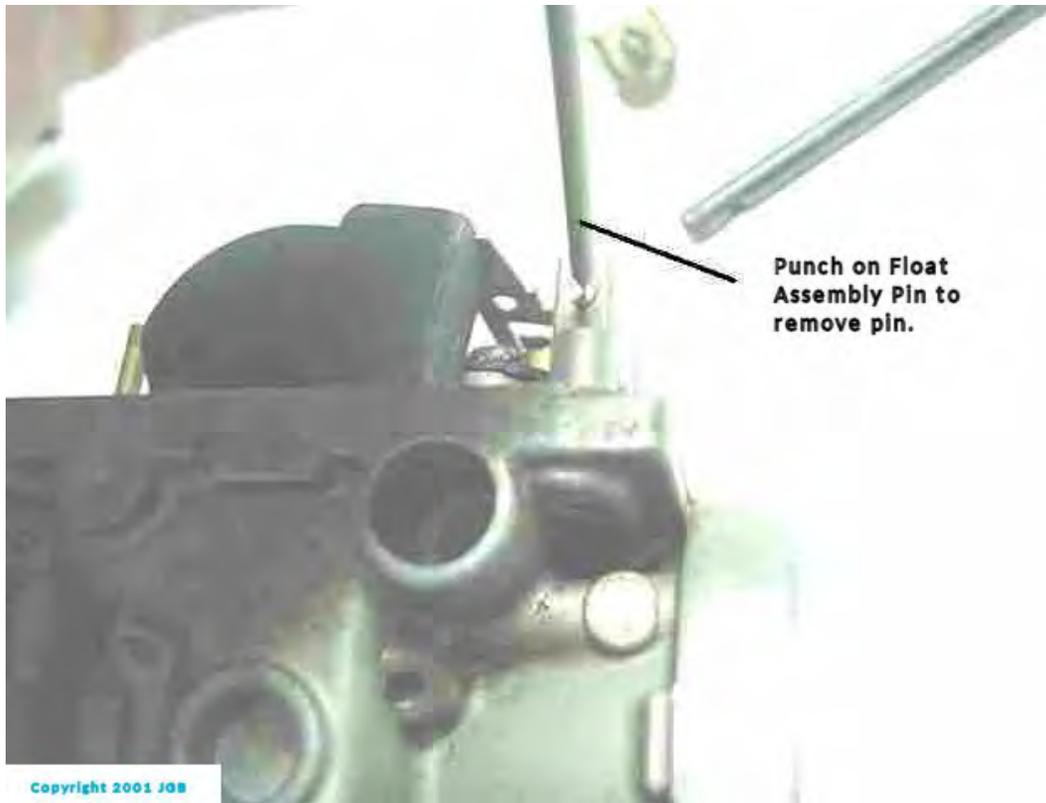
Removing Starter (Choke) Assembly

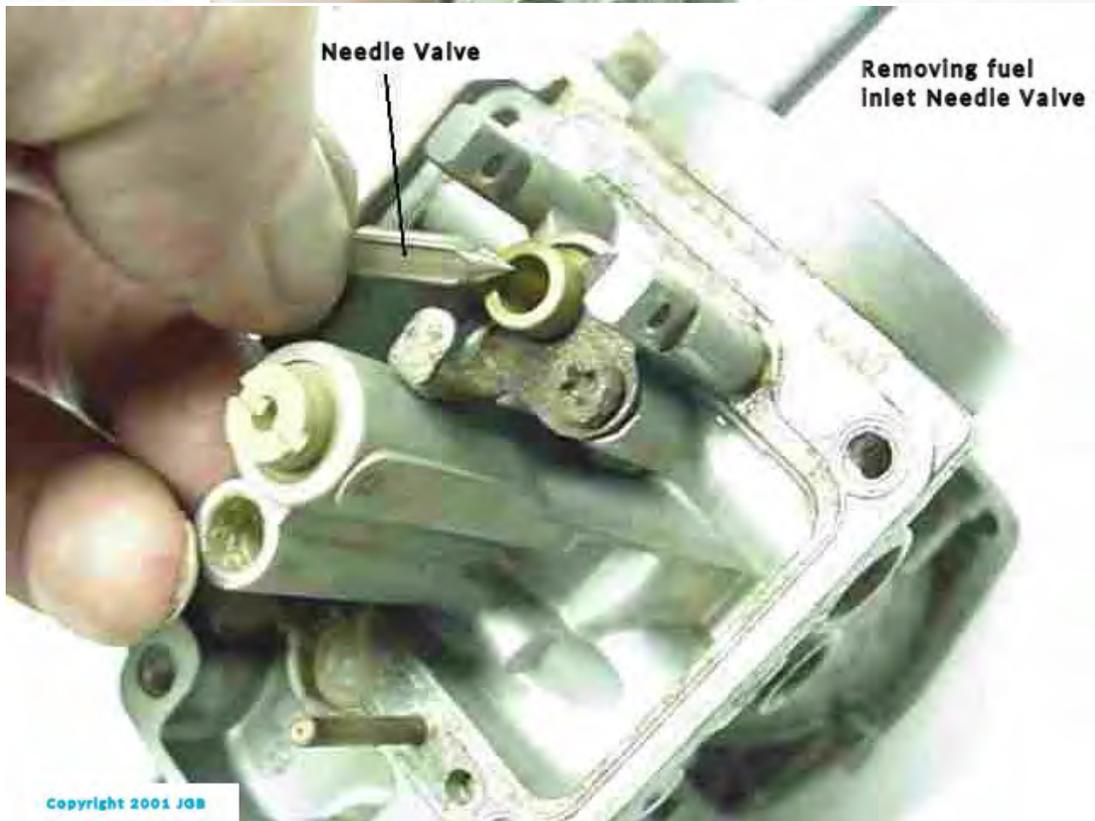
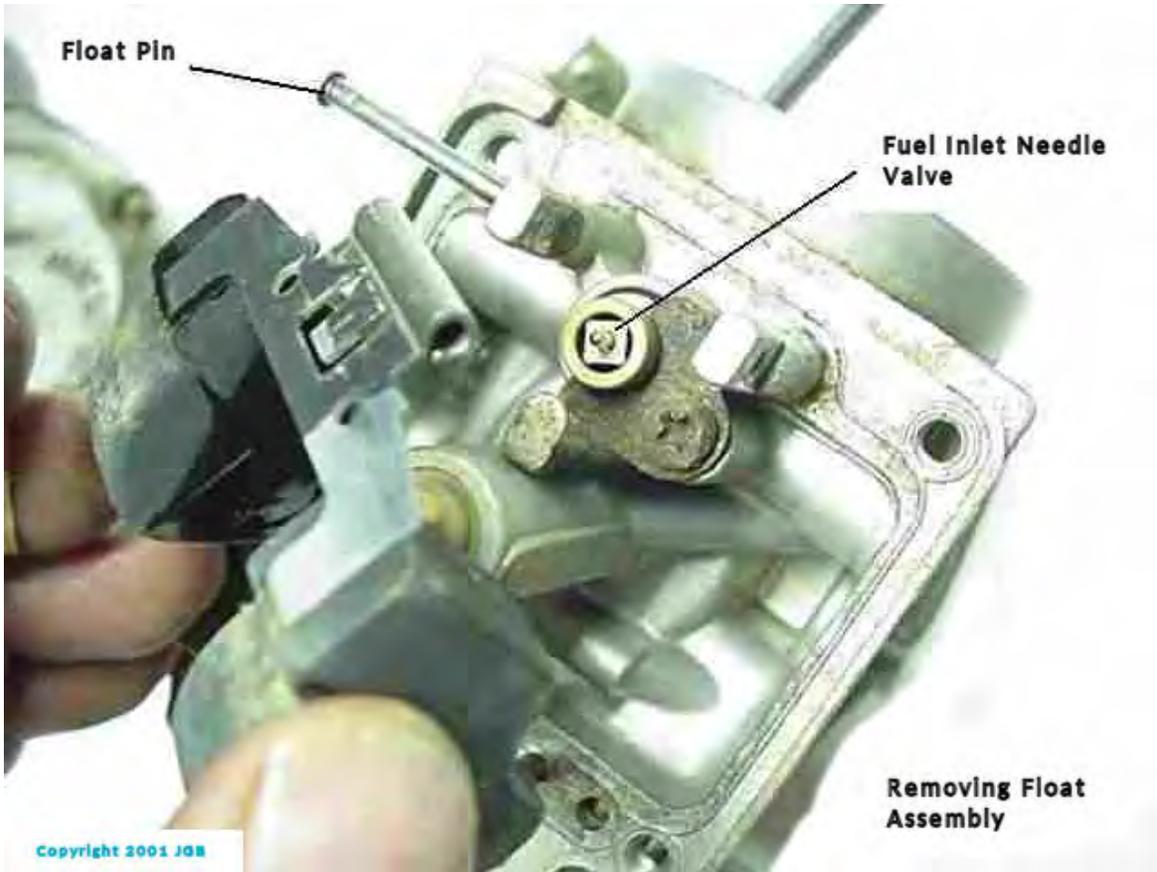
Start (or Choke) Assembly

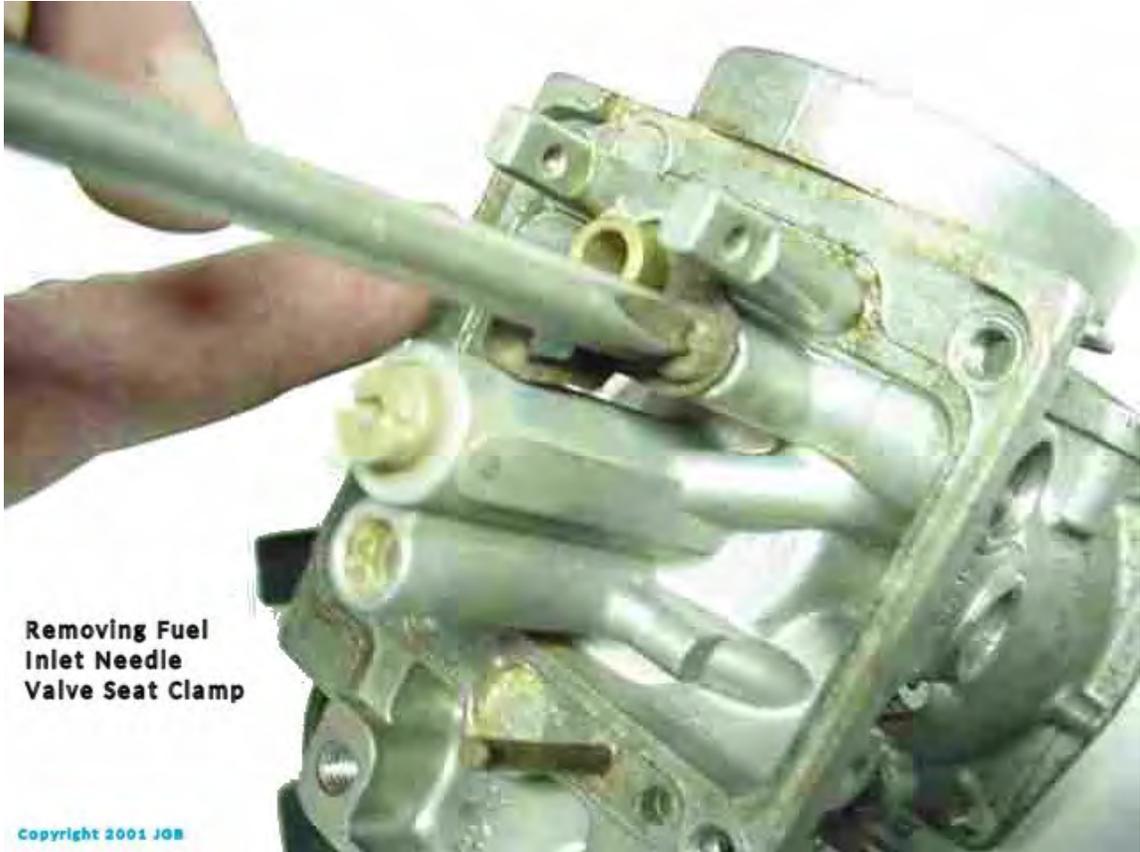
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Removing Fuel Inlet Needle Valve Seat Clamp

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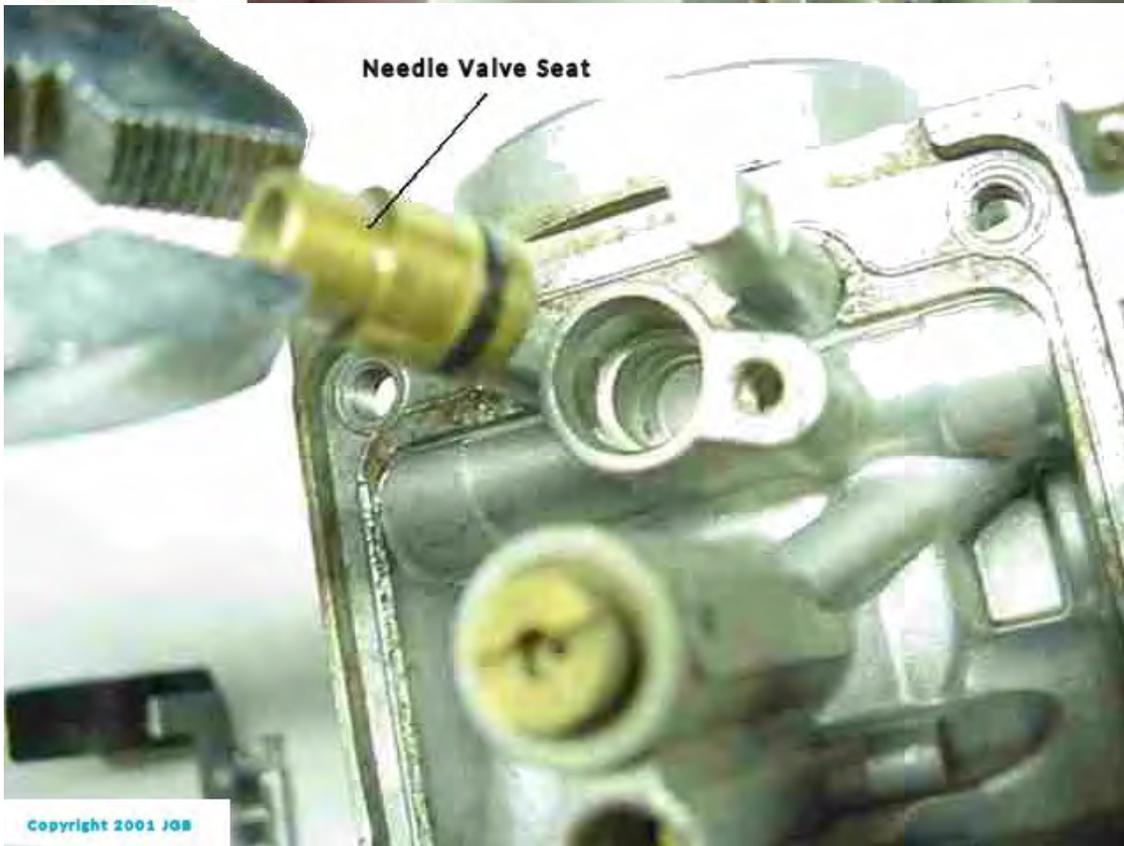
Removing Fuel Inlet Needle Valve Seat Clamp

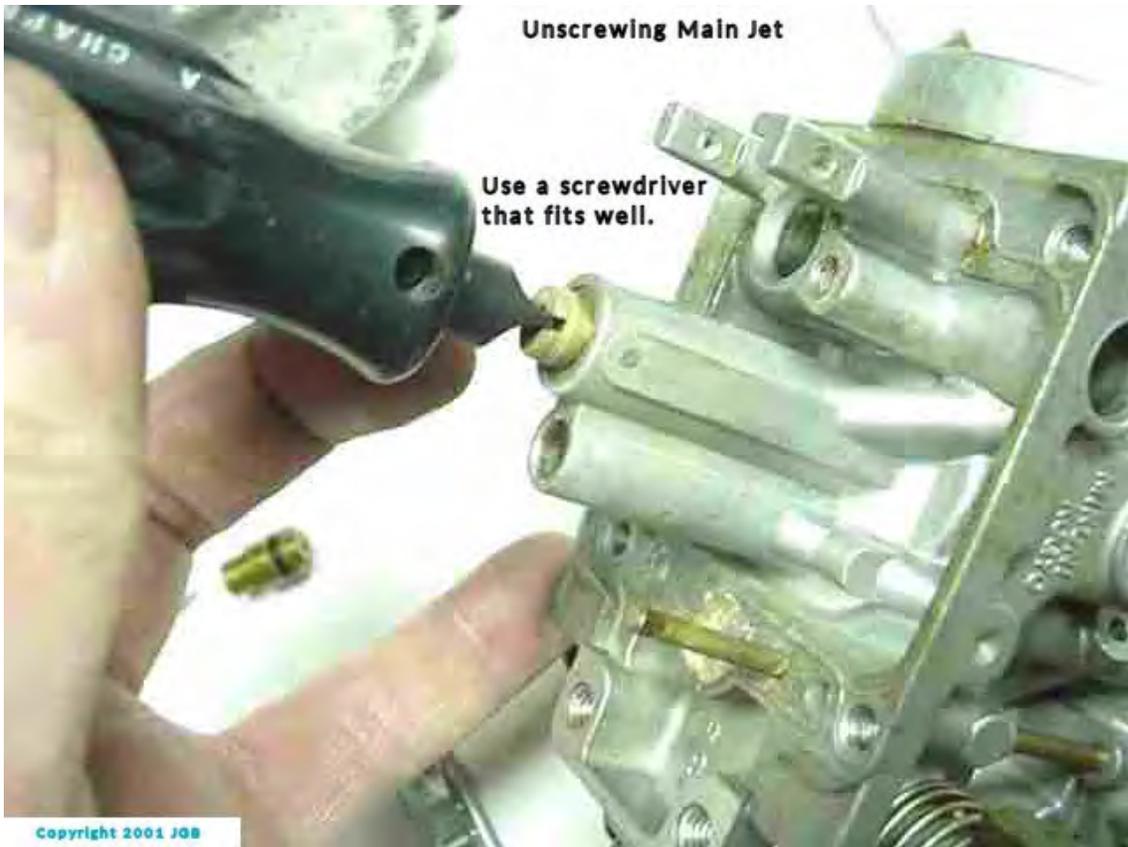


Needle Valve Seat Clamp with screw

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Removing Fuel Inlet Needle Valve Seat Assembly

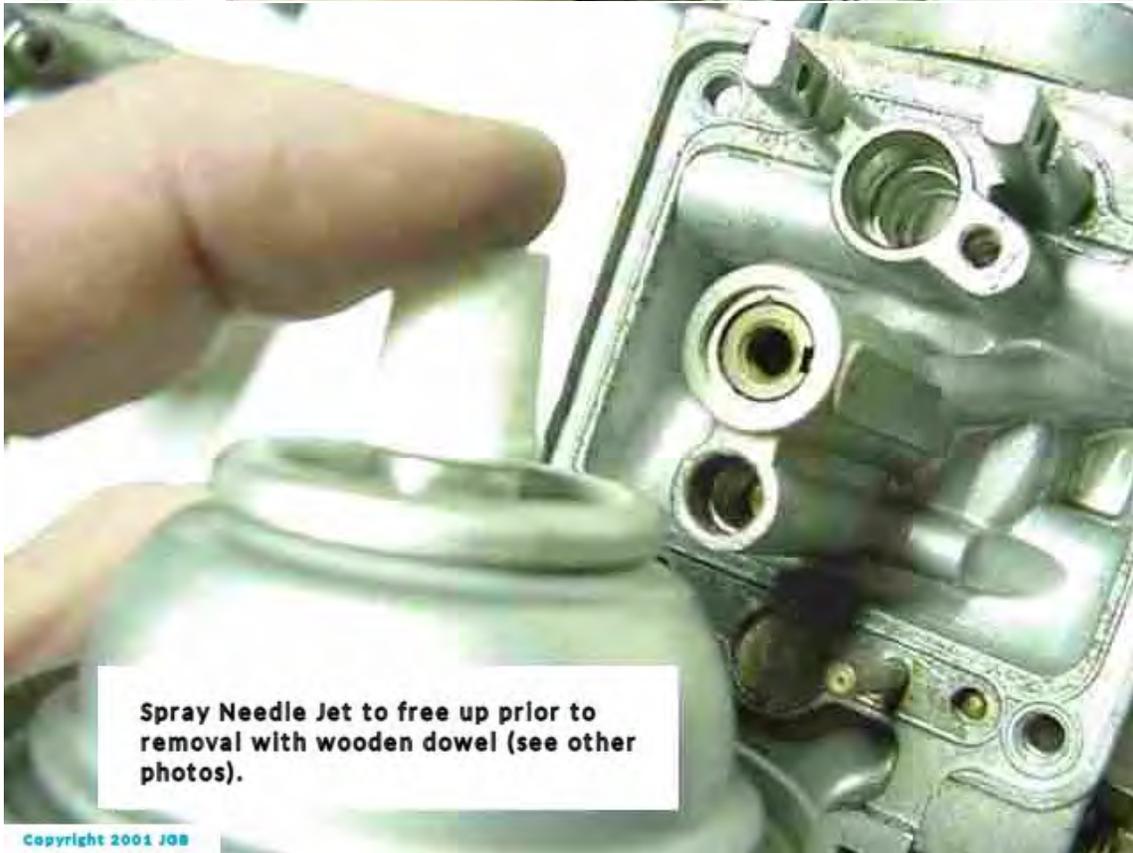




Removing Main Jet Washer



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Spray Needle Jet to free up prior to removal with wooden dowel (see other photos).

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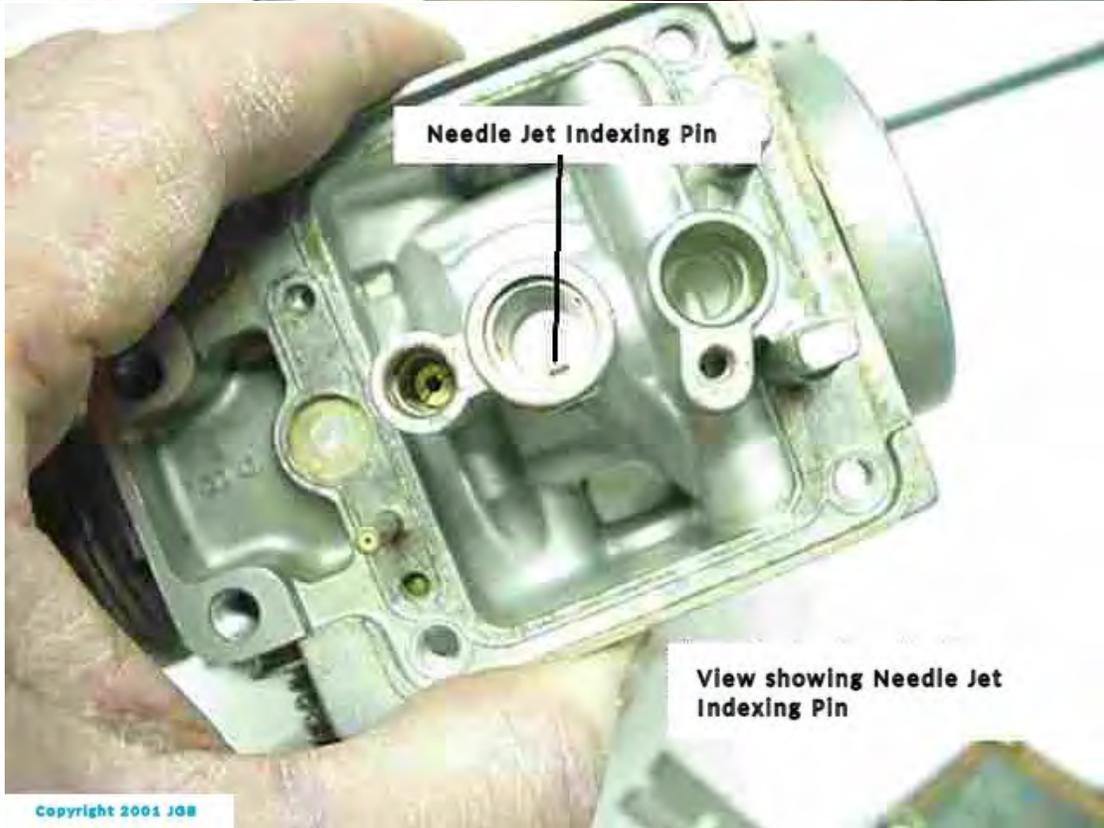
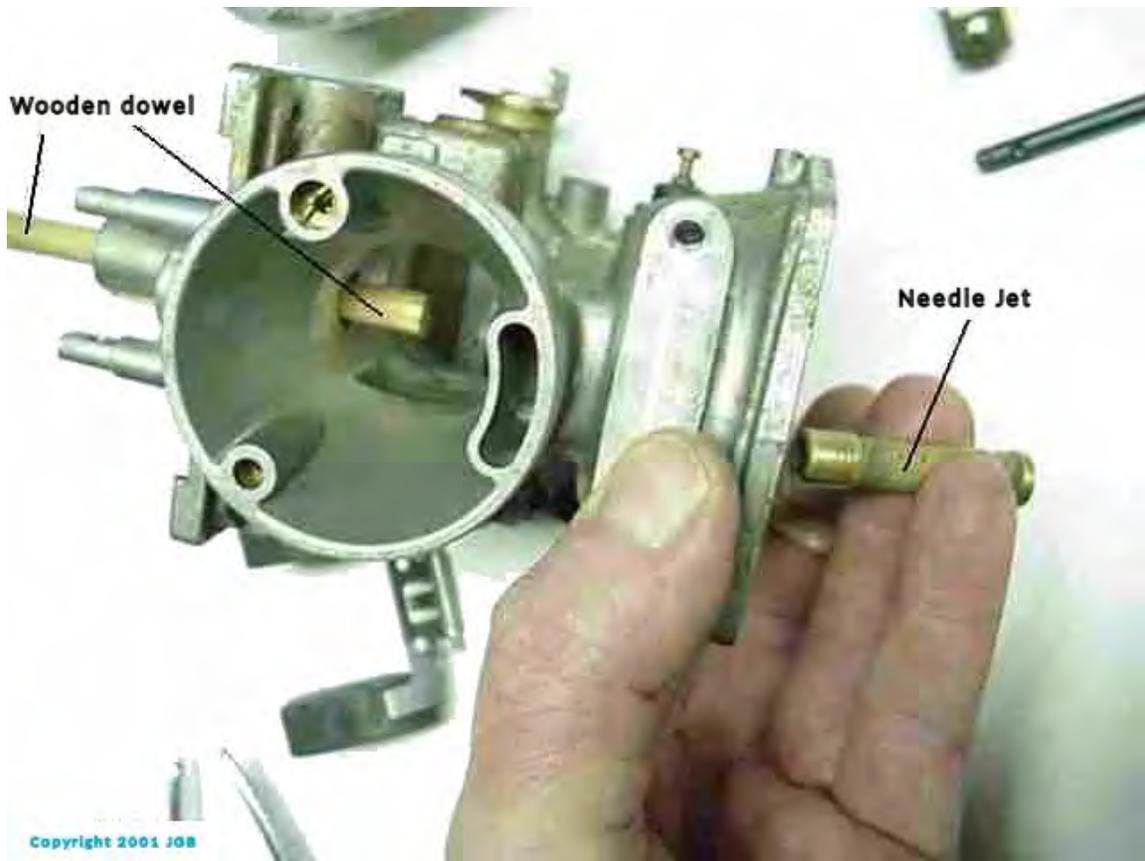
Gently tapping out Needle Jet with wooden dowel after spraying with carb cleaner and letting soak for a few moments.



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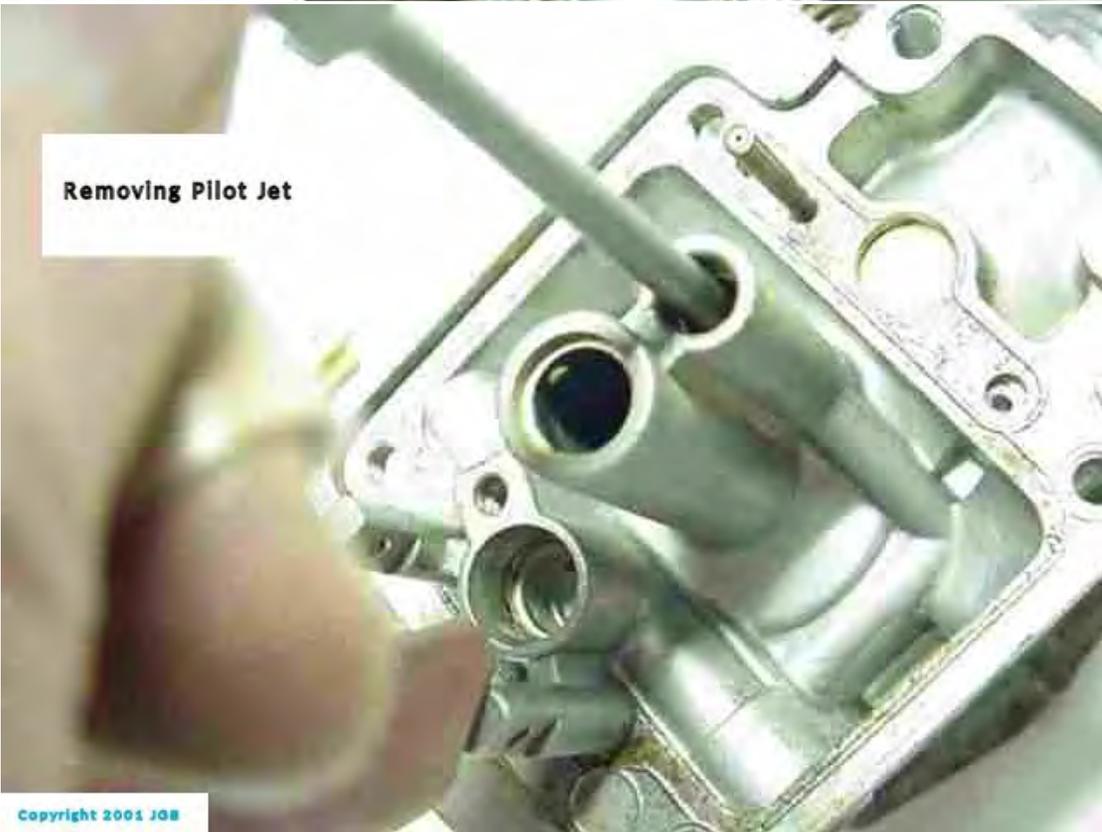


Preparing to remove Pilot Jet.
NOTE: use good fitting screwdriver
& soak if stuck.

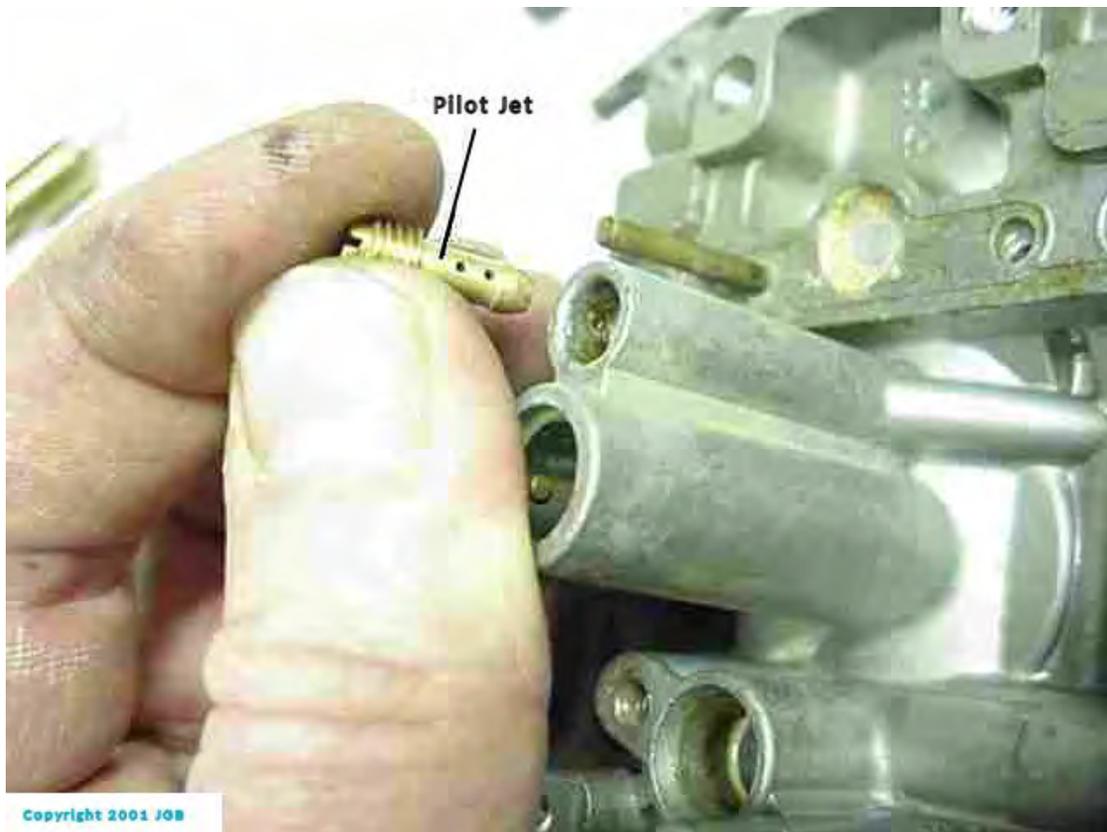


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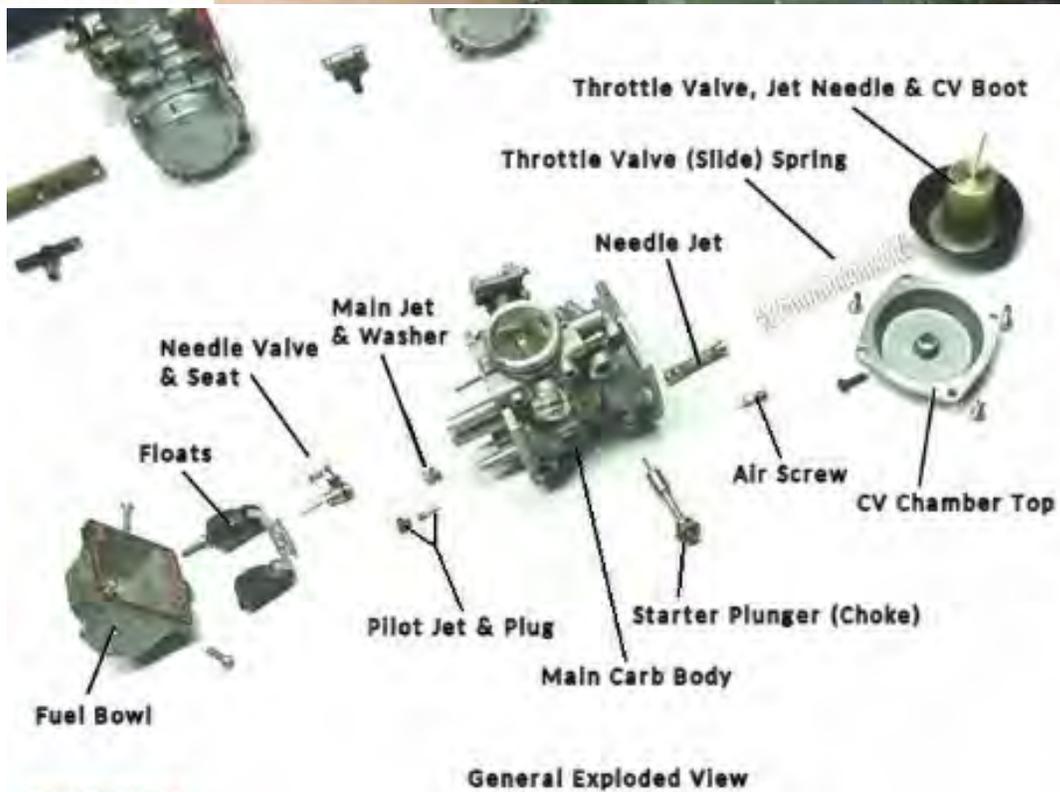
Removing Pilot Jet



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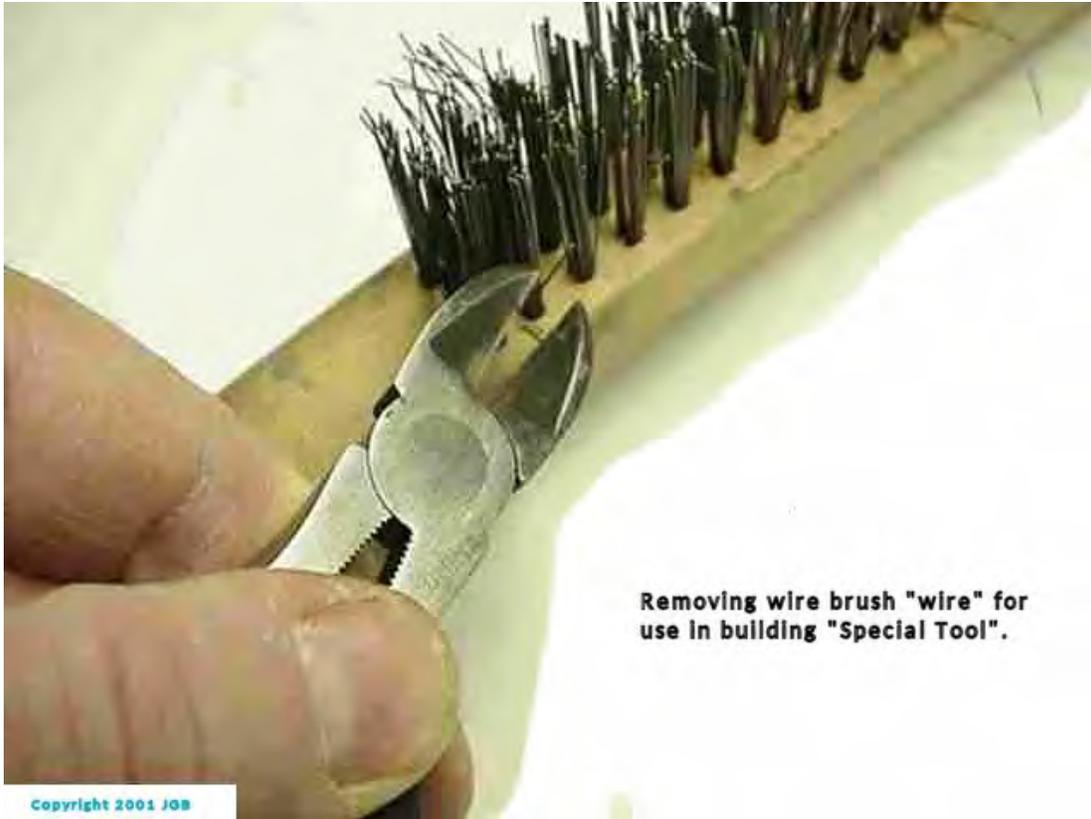


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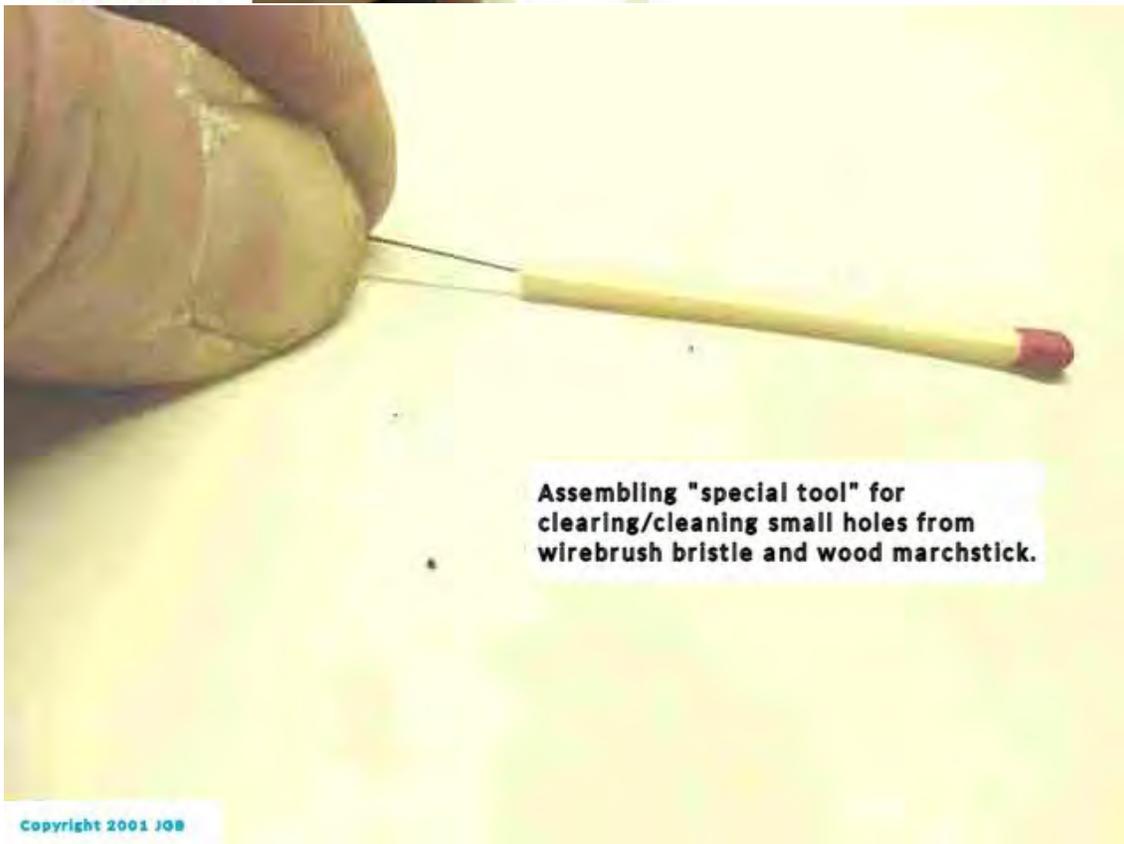
General Exploded View

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Removing wire brush "wire" for use in building "Special Tool".

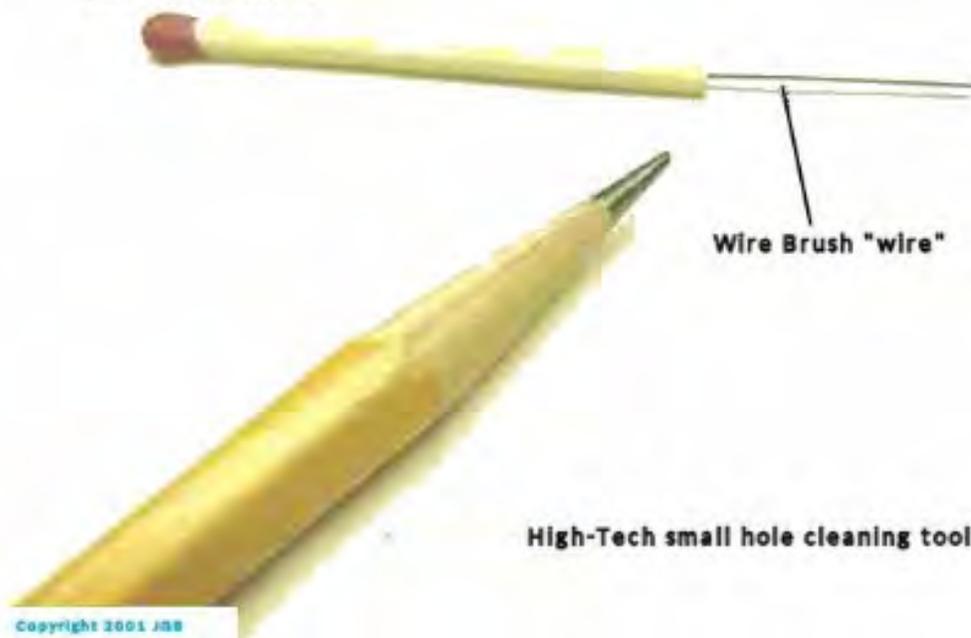
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Assembling "special tool" for clearing/cleaning small holes from wirebrush bristle and wood matchstick.

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Wooden Match or
small wood dowel



Wire Brush "wire"

High-Tech small hole cleaning tool

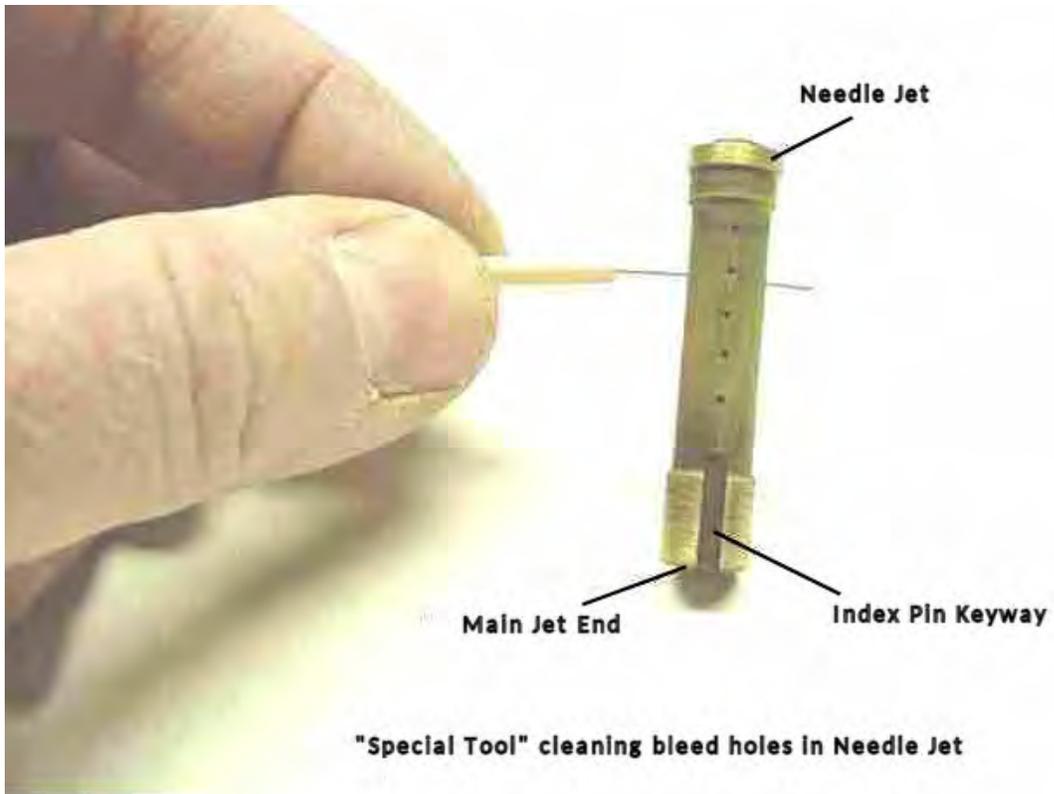
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"Special Tool" cleaning Air Jet bore

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"Special Tool" clearing Air Screw hole



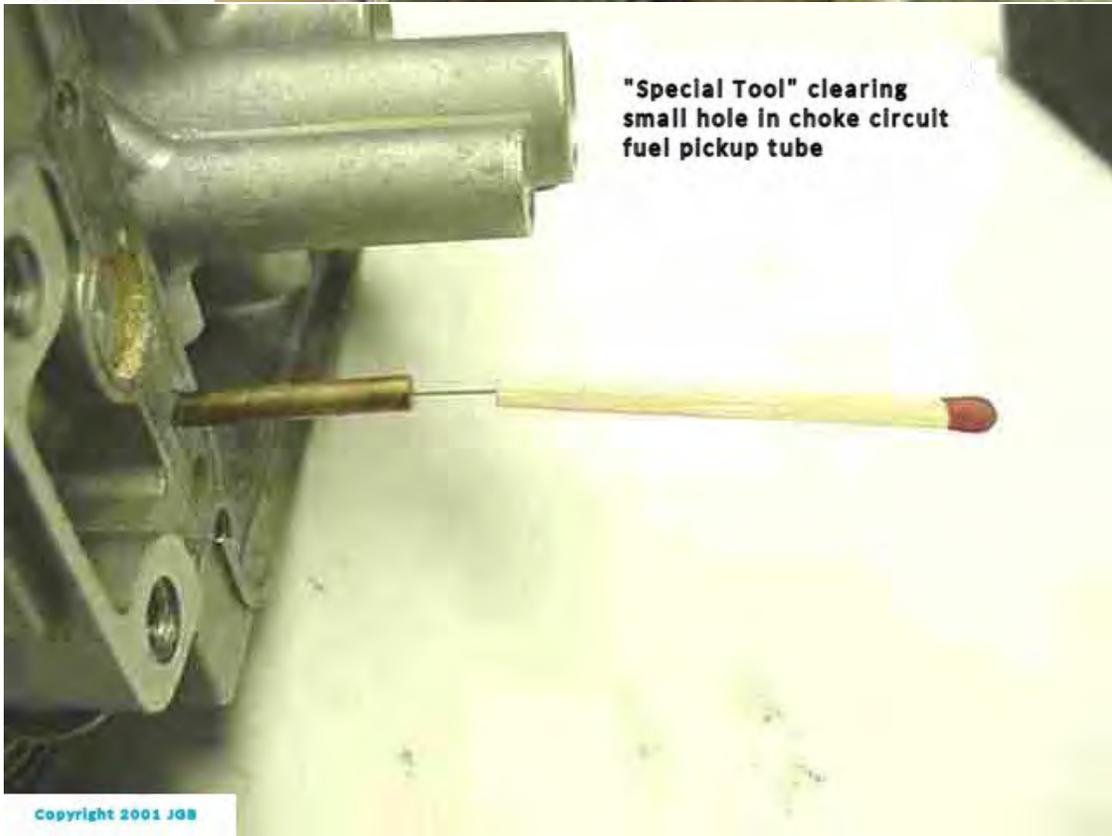
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"Special Tool" cleaning air passage across from Air Jet location



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"Special Tool" clearing small hole in choke circuit fuel pickup tube



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"Special Tube" clearing holes in choke circuit pickup tube



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"Special Tool" clearing small passage in choke circuit tube well. Feel step down when through.

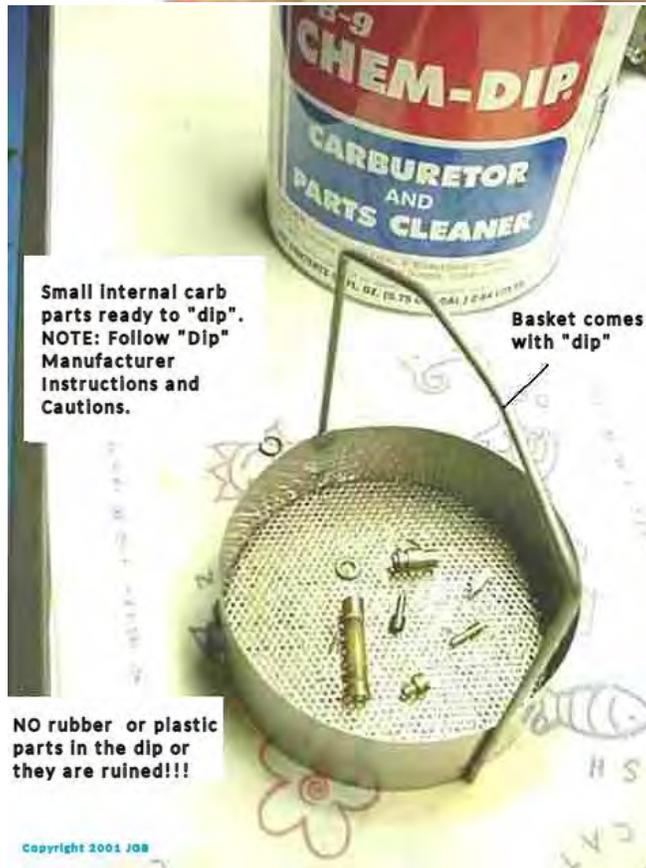


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"Special Tool" clearing small hole in Fuel Bowl. Feel the "step" down when hole cleared.

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Small internal carb parts ready to "dip". NOTE: Follow "Dip" Manufacturer instructions and Cautions.

Basket comes with "dip"

NO rubber or plastic parts in the dip or they are ruined!!!

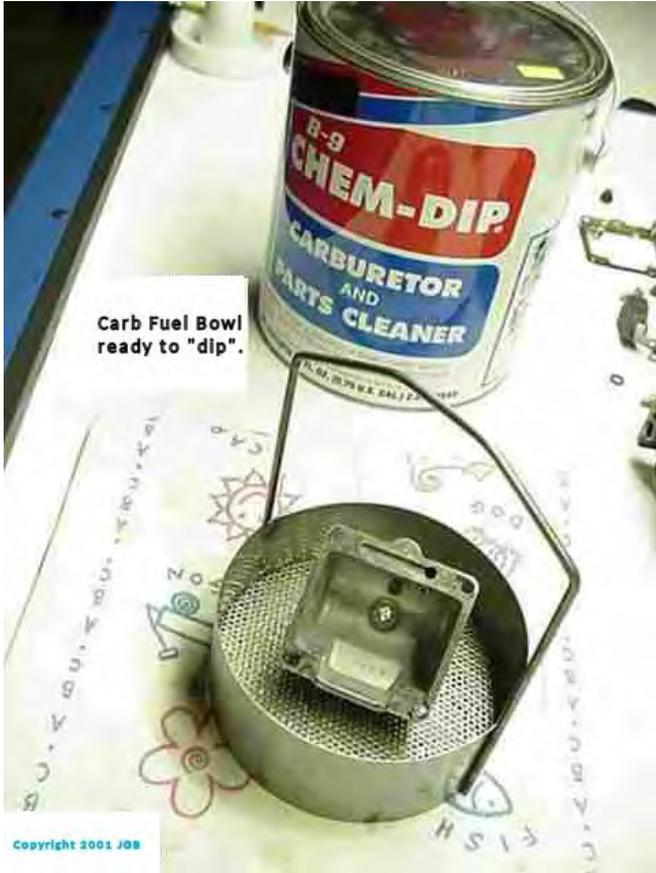
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Carb Main Body ready to "dip".

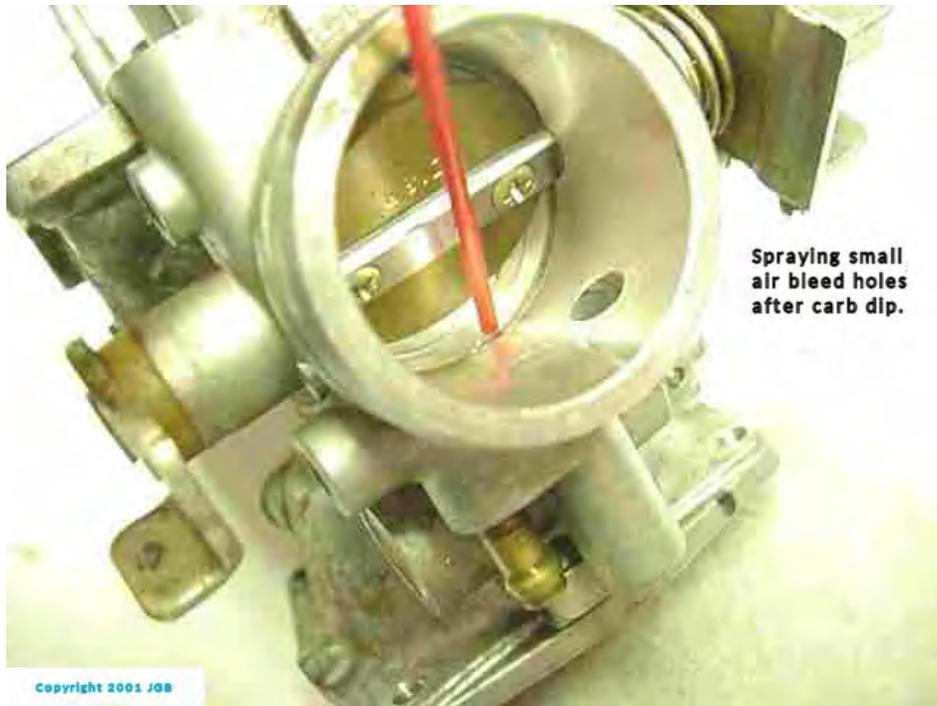


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Carb Fuel Bowl ready to "dip".

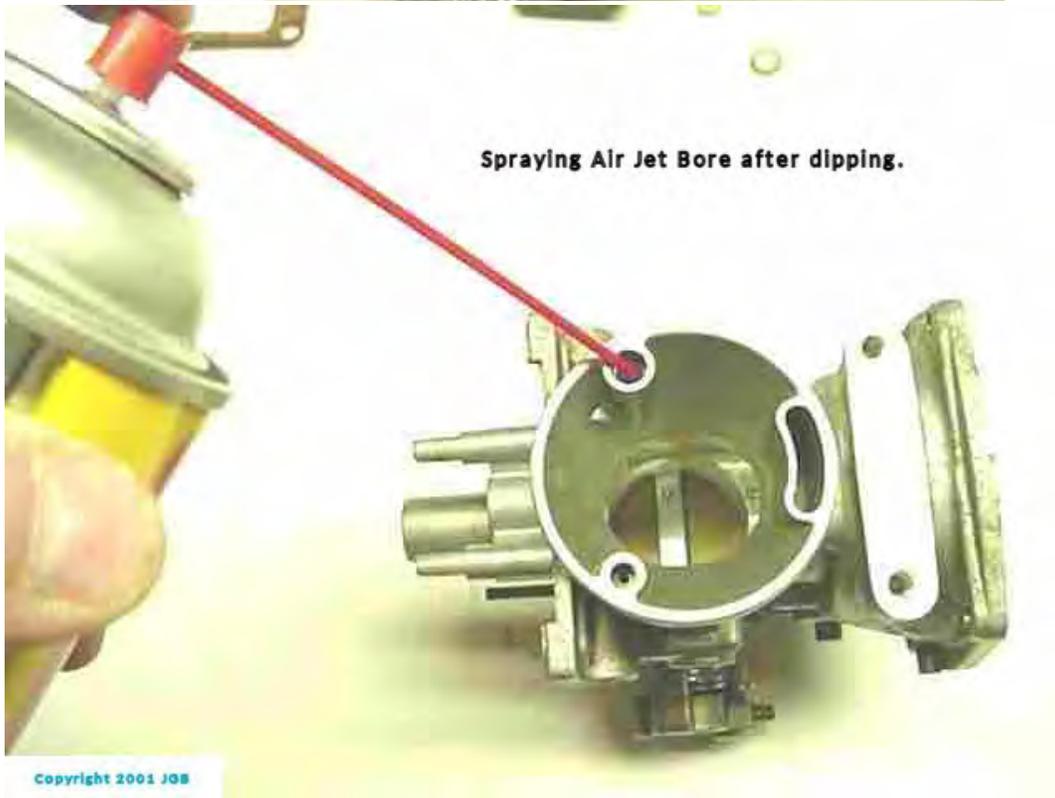


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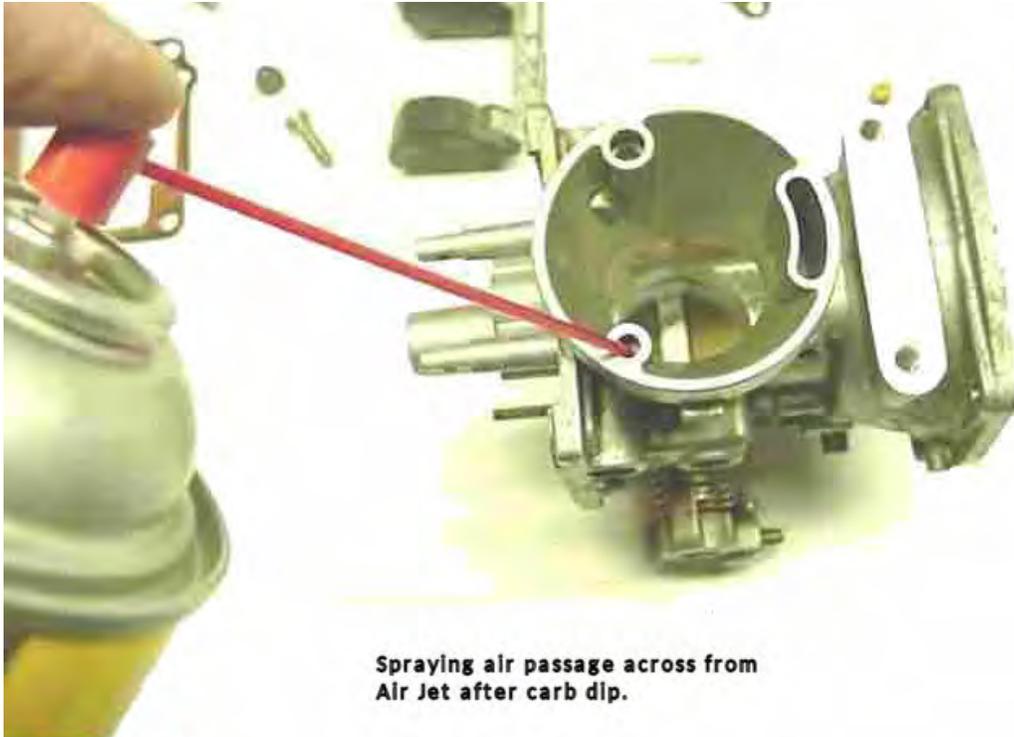
**Spraying small
air bleed holes
after carb dip.**

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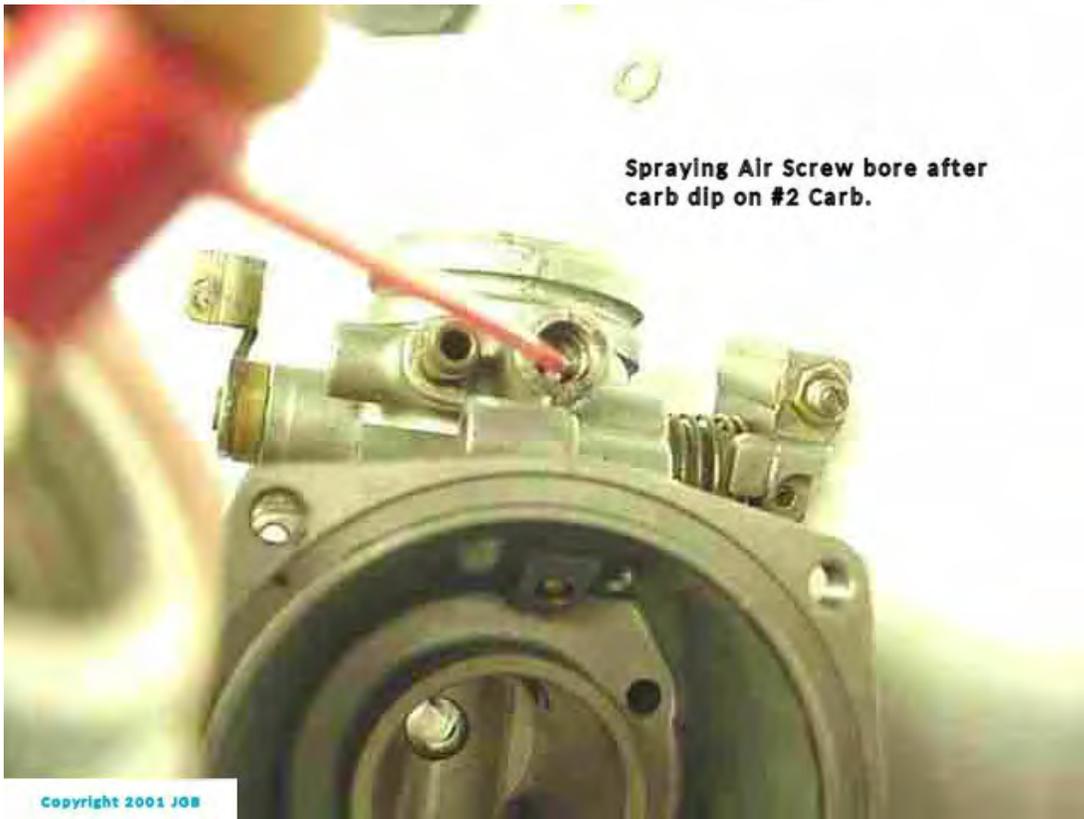
Spraying Air Jet Bore after dipping.

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**Spraying air passage across from
Air Jet after carb dip.**

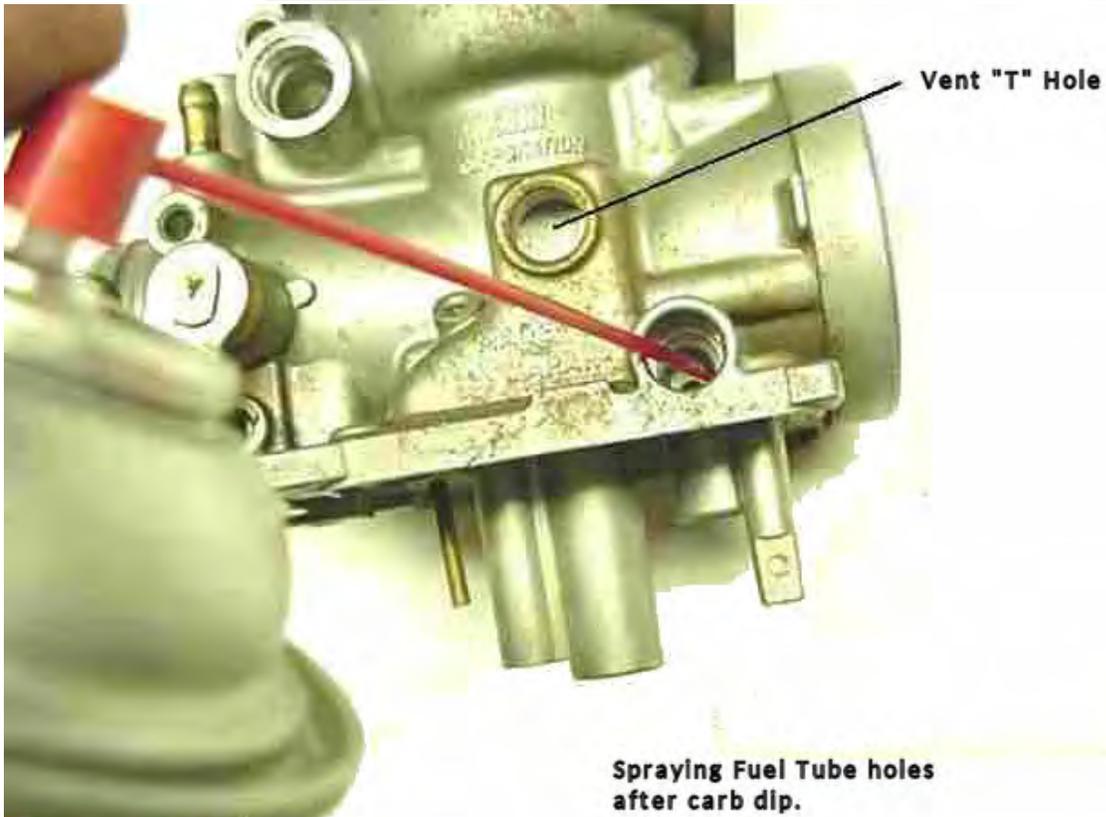
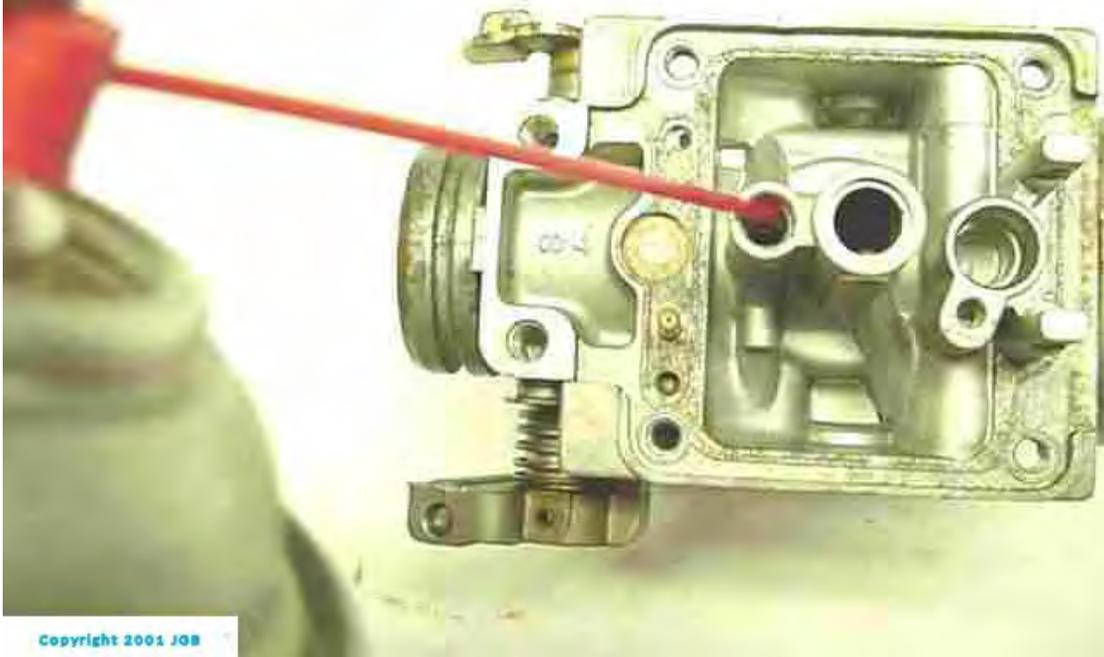
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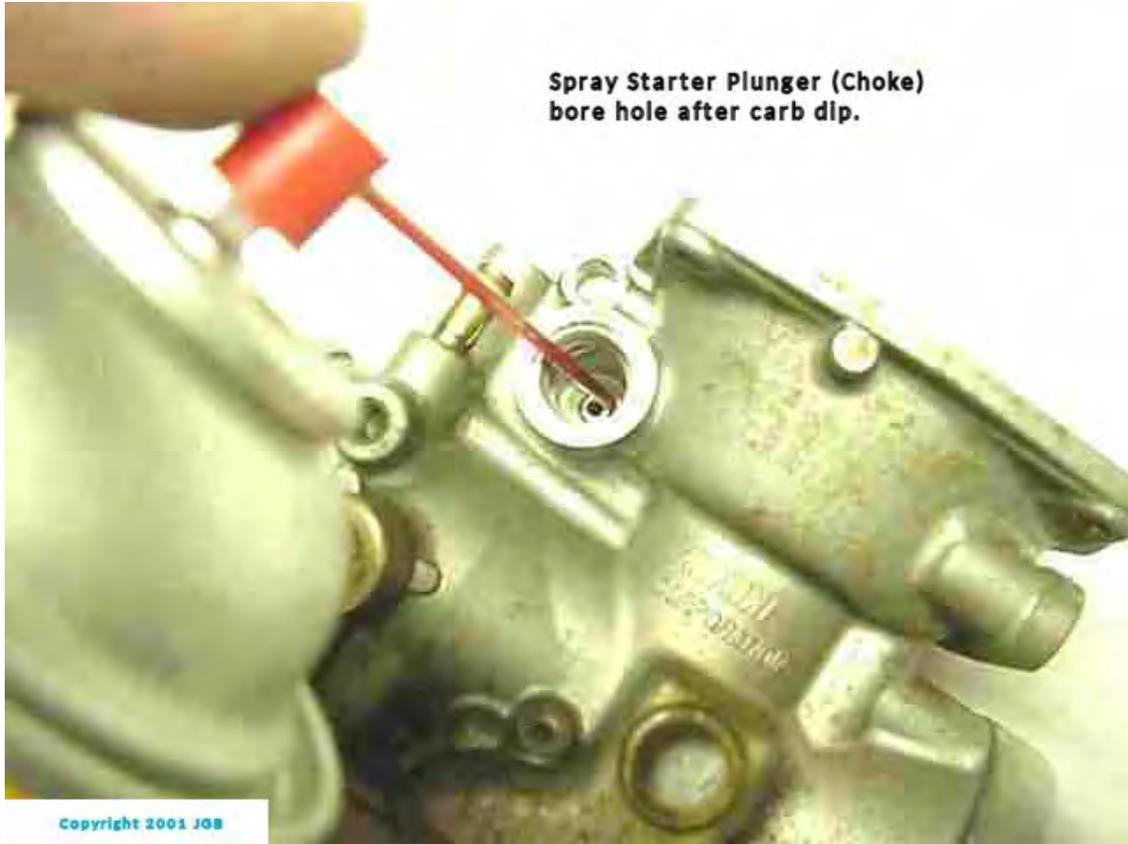
**Spraying Air Screw bore after
carb dip on #2 Carb.**

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Spraying Pilot Jet bore after carb dip.

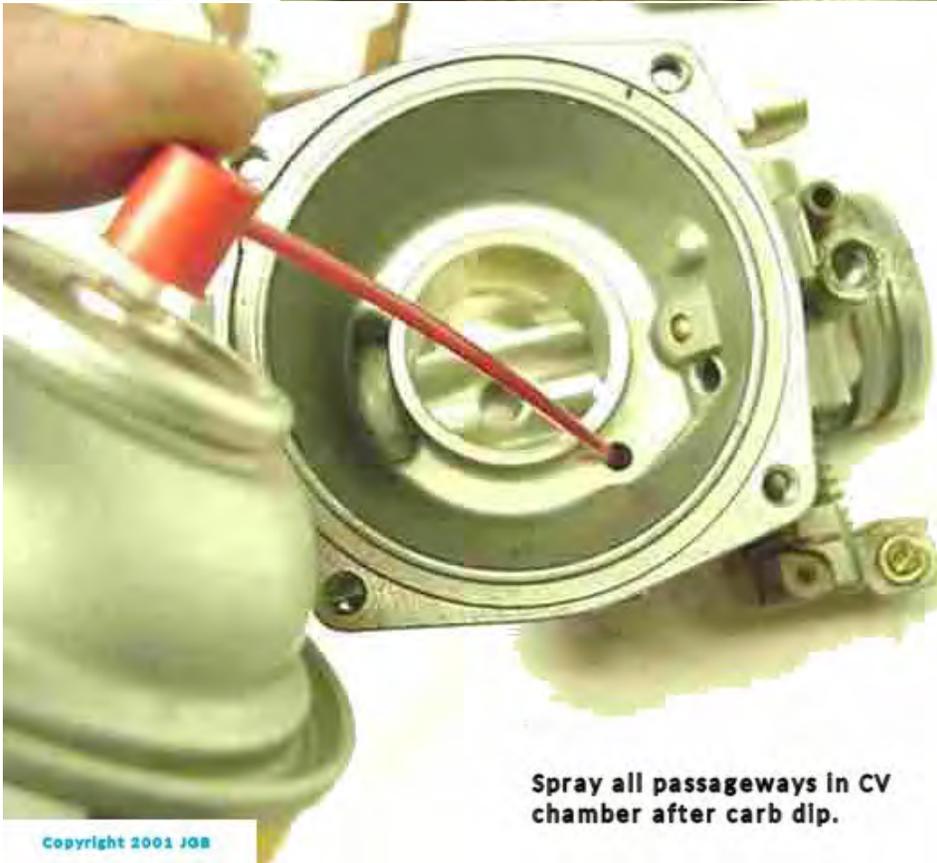


**Spraying Fuel Tube holes
after carb dip.**



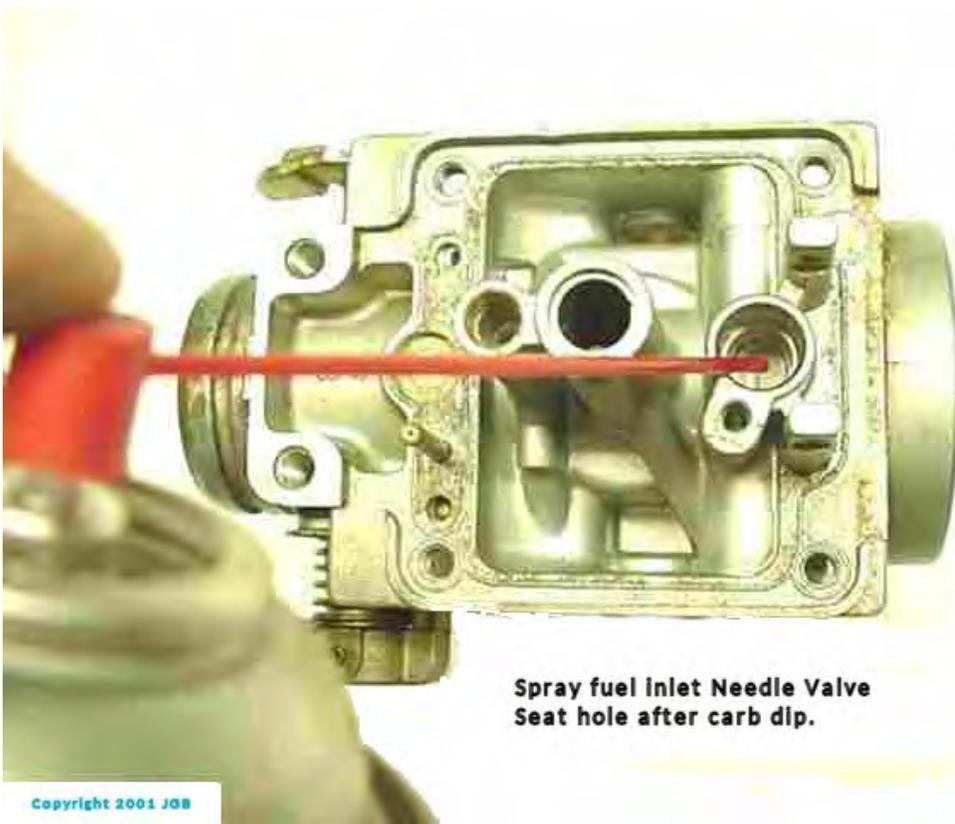
Spray Starter Plunger (Choke) bore hole after carb dip.

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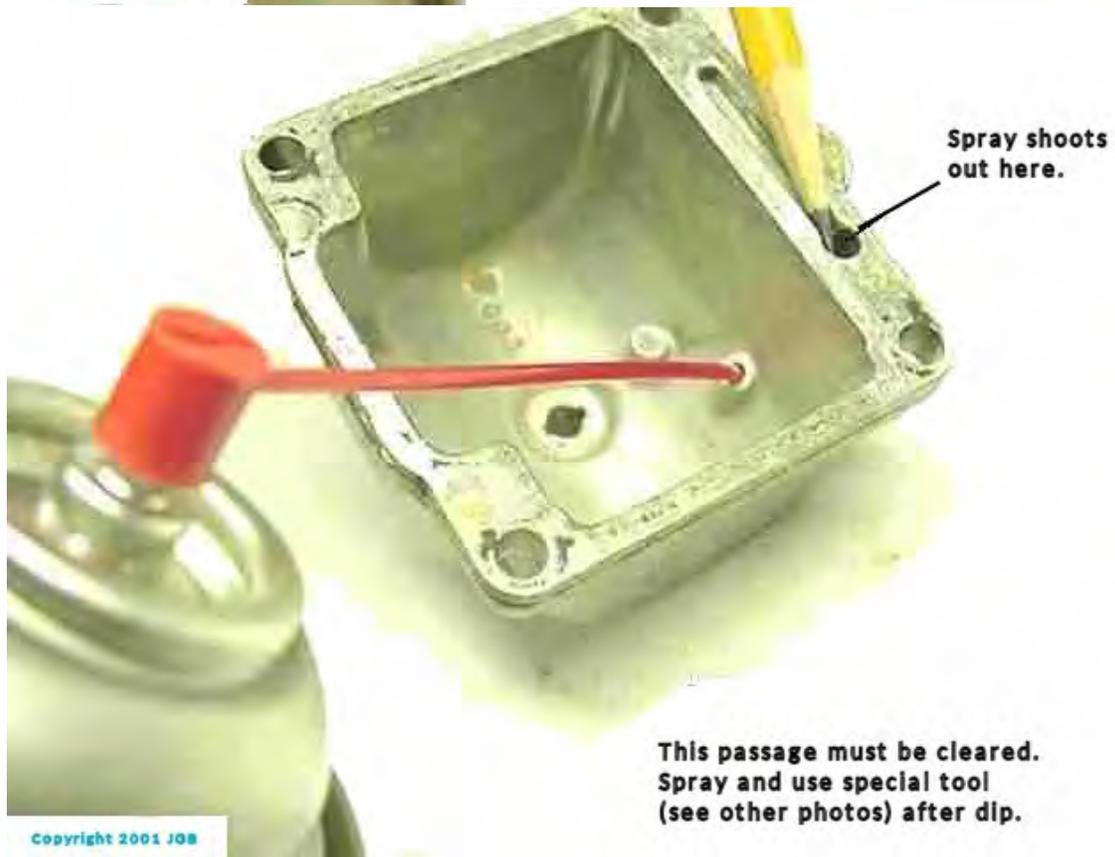
Spray all passageways in CV chamber after carb dip.

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Spray fuel Inlet Needle Valve Seat hole after carb dip.

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Spray shoots out here.

This passage must be cleared. Spray and use special tool (see other photos) after dip.

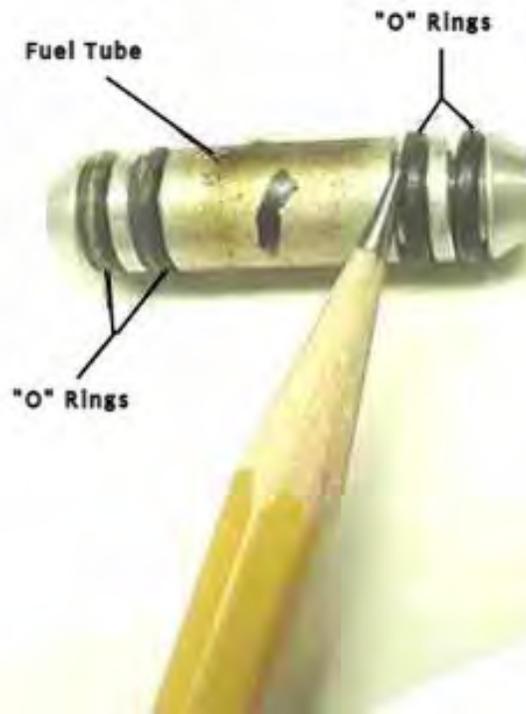
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**Bowl Vent "T"
"O" Rings to replace**



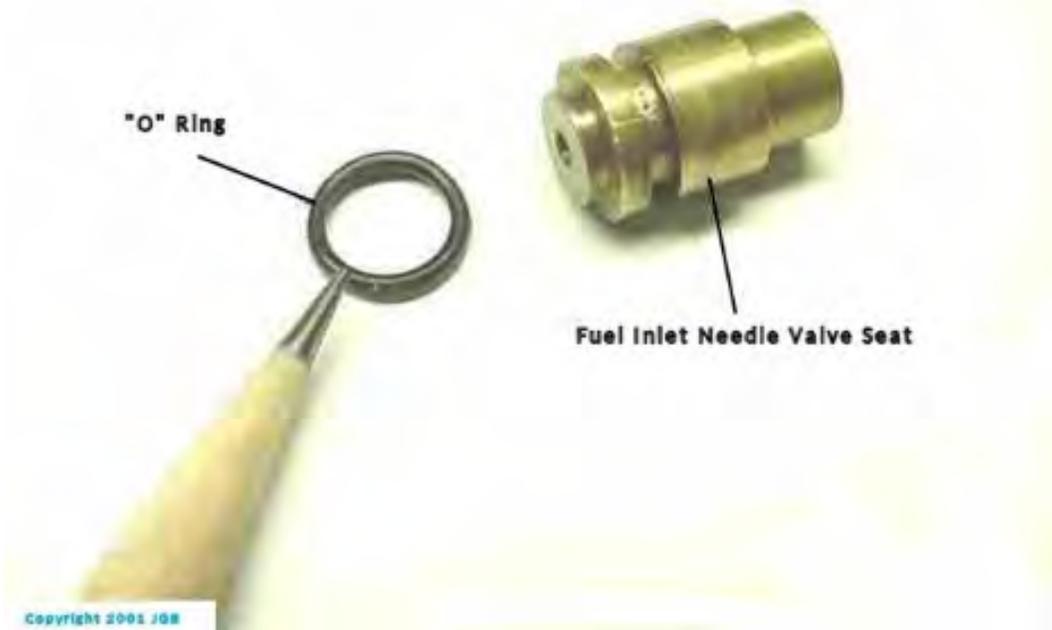
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Four "O" Rings on Fuel Tubes to replace.



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Replace "O" Ring on Fuel Inlet Needle Valve Seat.



Replace Rubber Pilot Jet "Plug"



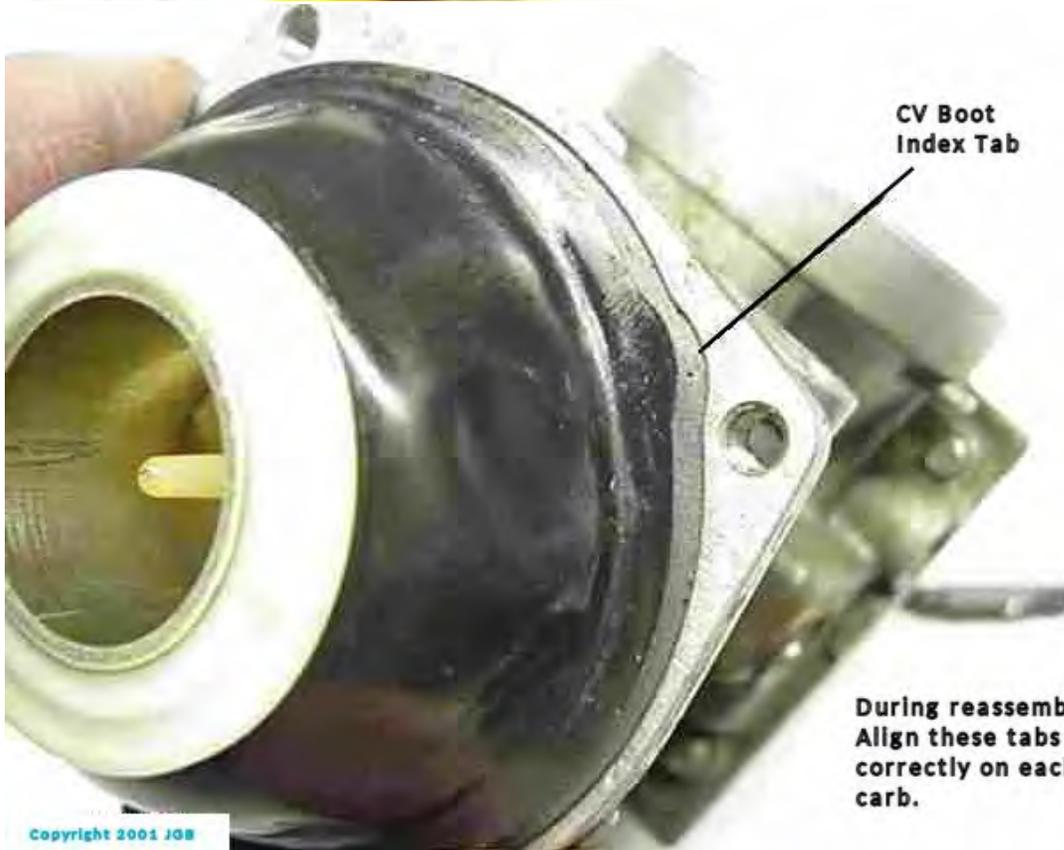
Replace gasket on Fuel Bowl Drain Screw.

Small Gasket **Fuel Bowl Drain Screw**



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**CV Boot
Index Tab**



**During reassembly -
Align these tabs
correctly on each
carb.**

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Installing Fuel Bowl Vent Lines (also do Fuel Supply line) during reassembly. NOTE: These are very hard to install after the carbs are all bolted back together!!



END - Good luck with yours...

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GOOD LUCK with yours!

Reassembly is the reverse of disassembly shown. Lube "O" Rings with some type of "no water" vinyl-rubber-plastic "protectant" spray.

Check engine and airbox carb boots for leaks, tears, stiffnes - replace or repair as necessary.

Check for and repair all fuel leaks, they are VERY dangerous!

Refer to a manual when needed!!
(like to set float levels since they vary across models)



Engine

Carburetors

Airbox

J.G. Bloemer 1/2001

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