Instructions: be certain to view Installation Video on this site.

When installing new STIC insert; make sure the insert is aligned perfectly with the opening left after the removal of the original part.

- Use security #20 Torx tool included to remove the original part;
- Do not use the original gasket.
- Use the new STIC gasket provided; make sure the gasket is pressed into the new STIC metering block.
- Install the metering block carefully, making sure it is pressed into the opening evenly.
- Tighten the new Torx screws evenly.
- Now install the pilot jet; recommend installing gradually running it in an out until you feel the pilot jet hit a solid shoulder. Make sure to use a screwdriver that is ground to fill the entire pilot jet slot.
- Install the main jet snugly.
- The initial jetting combination is 190 main, and a 48 pilot.
- Because the STIC process will make more horsepower; this, of course, will produce 2400 BTU's of heat for each horsepower gained; this requires that you use a minimum of + 94 octanes [recommended VP 98]
- Further, consider upgrading your cooling capacity.
- Work with the front air adjustment; this should be approximately 1 ½ turns to 2 turns out.
- Do not attempt to remove the STIC jet tube without removing the small lock screw. Make sure security screw is in place at all times; it seals the jet tube. Here is the procedure to use when removing and reinstalling the STIC jet tube.
    - A: first remove the security screw.
    - B: remove the main jet; then screw it back in two threads
    - C: push the main jet upward by placing it on a table and pushing it down against the table; this will push the needle jet out of its taper at the top; grab jet tube with gloves upward and out.
    - D: when installing the jet tube; note it will only go in one way due to alignment feature flats.
    - E: push jet tube downward until seated.
    - F: now thread the main jet into the tube and tighten down; now install the security screw until tight; do not over tighten.

- G: if unsure about the procedure view the removal and installation video on our web-site.
- Check with your dealer or distributor; other jet tube sizes will be available:

Please be careful when using the STIC metering process as it will increase the acceleration significantly. Suggest you practice to become used to the increased performance. To further increase your performance; I suggest that you consider going to a longer torque pipe and that you consider reducing your compression by utilizing a larger combustion chamber or a thicker head gasket; you will have less compression resistance and greater force created by the more effective STIC combusting pressure. Contact our skilled distributor/dealer network or contact me direct at 715-479-7822 or STIC@frontier.com Thank you for your purchase