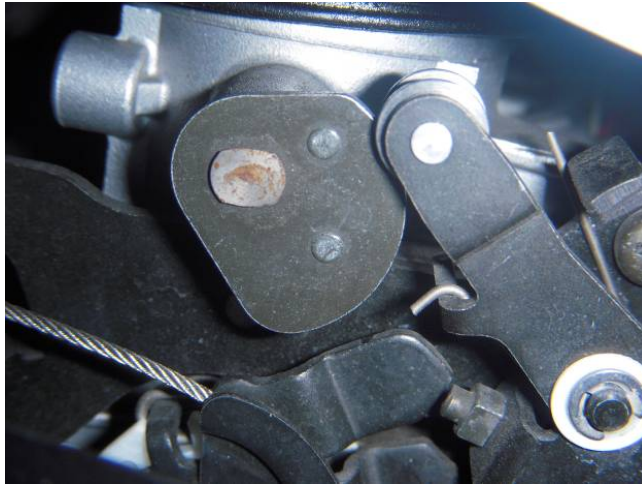


STVA installation:

- 1) Position the secondary throttle plates in the fully closed position. This can be done by turning the high idle cam on the left side of the throttle body:



fully closed

- 2) Slide the STVA onto the shaft. It may take some wiggling to get the shaft to properly engage the STPS.
- 3) Install the two screws. Do not overtighten!
- 4) Cycle the secondary throttle bodies by hand. Do this by turning the high idle cam shown in step 2 counter-clockwise 90 degrees. Then move them back to the fully closed position. If they do not move smoothly, stop. Do not force them!
- 5) Connect the plugs to both the STVA and STPS.
- 6) Put the bike in neutral, the stop switch to the run position, and turn the key on. The STVA should cycle to full open. Start the bike. After a few seconds, they will close. Then rev the engine to about 9000 RPM. They will open with an increase of engine speed and close as the engine returns to idle.
- 7) The STVA is now installed. Reinstall any other parts that were removed (fuel tank, airbox, etc.) and go for a ride!