



## **2008-2016 600R IQ Transition Performance Limiting settings for SnoX Racing**

**Carburation:** Install 50% throttle block asm and adjust carburetor slides to calibration tool

Jetting spec for **98 to 100** octane fuel or 50/50 mixture of 110 octane fuel and premium pump 91 octane fuel (highly recommended that pump fuel does not have Ethanol)

Install 360 main jets, 50 pilot jets and move needle clips to #1 location,

**Ignition:** install reprogramed CDI box (TRAN) and set ignition timing clicker box to **E**. Unplug and remove handlebar dragon push button. Unplug exhaust valve solenoids and zip tie wires

**Engine:** Remove black plastic exhaust valve covers. Remove exhaust valve springs and replace with aluminum spacers (from Kit) to lock valves closed. Reinstall black plastic exhaust valve covers

**Clutching:** install 10-68 (#1322427) clutch weights and 100/220 (#7041150) spring in primary clutch. Install total of .095" shim thickness in primary clutch behind spider. Install 125/175 (#7043061) secondary spring. Order and install 74-50-0.46 helix from Venom products at [www.venomproducts.com](http://www.venomproducts.com)

**Gearing:** Stock (19 tooth top gear and 45 tooth bottom gear)

\*Purchase Transition Performance Limiting kit (#0617003) from the Polaris Race Dept. (contact Brad Seavers at 715-355-5157 or [Bradley.seavers@polaris.com](mailto:Bradley.seavers@polaris.com))

\*For suspension setup and settings contact Ben Hayes at 715-355-5157 or [ben.hayes@polaris.com](mailto:ben.hayes@polaris.com)

\*The 2017 600R Race sled is not eligible for this class. (sleds must be at least 1 model year old)