

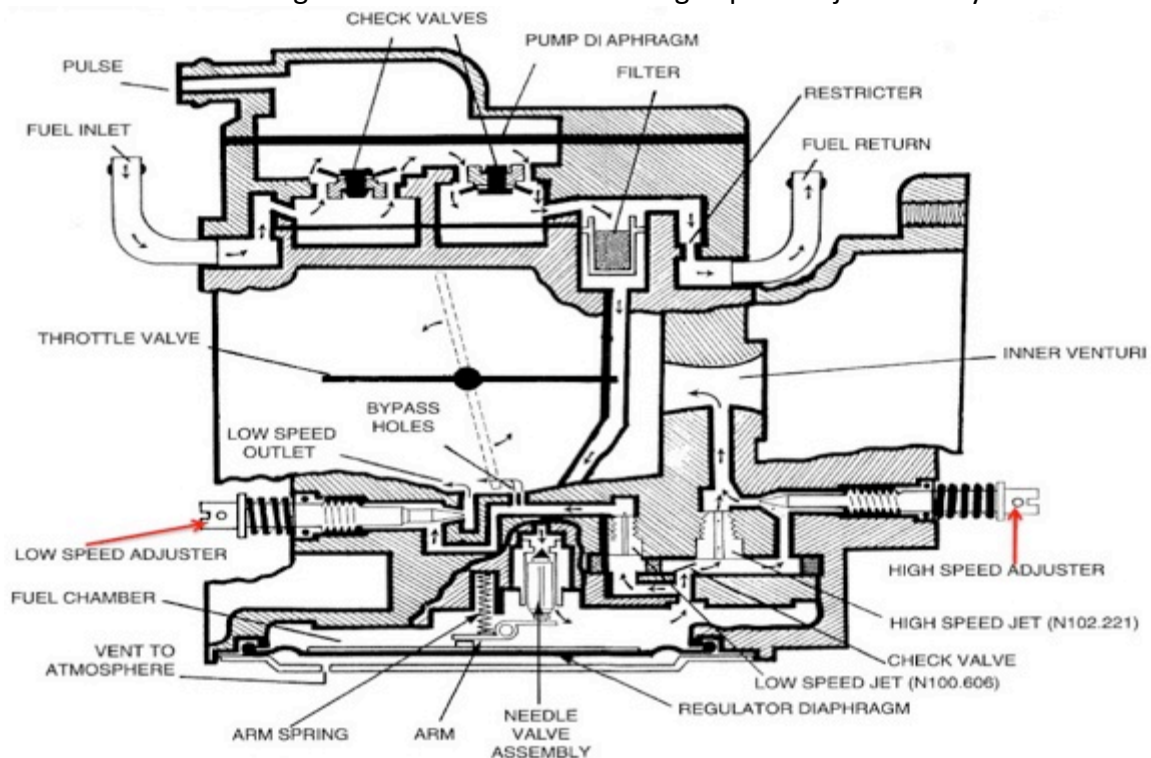


Stock Carb Settings

Whenever you do a carburetor rebuild, it's very important to set the carburetor back to factory spec.

To check the pop-off pressure, you will need a pop-off pressure gauge capable of registering up to 100 P.S.I. First, wet the needle & seat assembly with WD-40 or gas. Then place the pump hose on the fuel inlet and cap off the fuel return fitting and pulse fitting on carb. Next, pump until the pressure unseats the needle. Re-pump a few times to verify what point the pressure holds at. It's important that each carb is as close as possible to all the other carbs on the craft. If pressure is too high on a particular carb, you can lower it by snipping parts of the spring coils. Simply remove the spring and start by cutting $\frac{1}{2}$ a coil at a time and then re-testing. If you need to increase pressure use a heavier spring but never stretch a spring.

Refer to the below diagram to locate the low and high-speed adjusters on your carb:



(Diagram credits: www.Mikuni.com)

To ensure your carburetor is at factory standards, refer to the spec listings below for Polaris.

SBT, Inc.

1401 N Myrtle Avenue Clearwater, FL 33755

1.877.330.0231



M=MAG, Front, C=Center, P=PTO, RearStock Carb Settings, all listed as turns out from seated:

Polaris	Engine Size	Pop Off (PSI)	Low Speed Screw	High Speed Screw
1994				
	650 cc	10-18	1 1/4	High Speed – 1
	750 cc	10-18	1/2	1 – ¼ Mag, 3/8 Center, 7/8 PTO
1995				
	650 cc	10-18	1	1-1/8 Mag, 1/4 Center, 7/8 PTO
	750 cc	10-18	1/2	1 Mag, 1/2 Center, 3/4 PTO
	780 cc	10-18	1/2	7/8 Mag, 3/4 Center, 1-1/8 PTO
1996				
	700 cc	20-24	5/8	1 1/2
	Hurricane	20-24	5/8	Not adjustable
	SL780	20-24	5/8	¾ Mag, 3/4 Center, 1 PTO
	SLT780	20-24	1 3/8	1-1/8 Mag, 7/8 Center, 1-1/4 PTO
	SLX780	20-24	1 3/8	1-1/8 Mag, 7/8 Center, 1-1/4 PTO
	900 cc	20-24	5/8	Not Adjustable
	1050 cc	20-24	1	Not Adjustable
1997				
	SL700	20-24	7/8	Not Adjustable
	SLT700/Deluxe	20-24	5/8	1-5/8 +/- 1/8
	Hurricane	20-24	5/8	Not Adjustable
	780 cc	20-24	1 1/4	1/8
	900 cc	20-24	5/8	Not Adjustable
	SL1050	10-12	7/8	Not Adjustable
	SLTX	20-24	1	Not Adjustable
1998				Not Adjustable
	700 cc	18-20	1 7/8	Not Adjustable
	1200 cc	18-20	1 3/4	Not Adjustable
2000				
	SLX/Pro 1200/Virage TX	18-20	1 1/8	Not Adjustable
	Genesis	10-18	1 1/4	Not Adjustable

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