

Idle

Warm the bike Completely then start off. Set air screw to 1.0 turns out.
restart bike set idle screws 15-20% higher than desired target idle. Turn Air Screw Left [out] (leaner) and Right [in] (Richer) between 1/4 and 1/2 turns STOP when engine revs reach maximum. Adjust idle screws to bring down RPM's to target Idle. Adjust Air Screw again to where RPM's are maximized.
Now check Air Screw TURNS.

If more than **two [2] turns out**
Install **SMALLER** Pilot Jet (leaner)

If **less than .75 turns** Install **LARGER** Pilot Jet (Richer)

1/4

Reset Idle and set air screw to .75 turns out. Ride bike using Closed to 1/4 throttle
Turn air screw in then out to find the best response when cracking the throttle

Lean = Hesitates then accelerates

Rich = Excessive smoke unresponsive off idle

Perform Plug Chop

Needle Jet / Jet Needle

start with clip in middle position

Ride bike between 1/2 and 3/4 throttle paying attention to the following

LEAN

RICH

Bike bogs for a second then responds
Runs better with choke on

If bike sputters / crackels, sounds rough with these settings
excessive smoke, fouls plugs & gets worse with choke on
Engine gets HOT

1/2

Plug Chop

Lean

Plug Chop

Rich

Then

Then

Take out Needles and place clip one notch lower [Raiseing needle - Richer]

Take out Needles and place clip one notch Higher [Lowers Needle - Leaner]

Perform Plug Chop

3/4

MAIN JET

Install new Plugs gaped correctly, find a long straight road. Run at WOT in 4th and 5th gear
Hit kill switch, pull in clutch. Coast to side of road, remove plugs [replace with old plugs]
this is a PLUG CHOP return home inspect plugs

Lean= White or grey color

Rich= Dark black, Dark brown

WOT

Go **up** two sizes on Main jet

Go **down** two sizes on main jet

Ideal Plug color should be Light Brown to Brown at base of insulator