

Newbee Check list -RD350 /400 "Been Sitting"

- 1) Fuel system clean- tank rusty? [Phosphoric acid](#) treatment.
Cross over tube clean -pipe cleaners
Petcock clean replace gasket @ [fuel selector](#)
New [fuel lines](#) and [filters](#)
- 2) Carburetor clean
Clean all passageways compressed air, Pilot, choke, nozzle, air, fuel
Inspect [needle and seats](#) -if visible x5 eye loop wear mark replace
Remove air screw, clean with steel wool tip
Remove [needle Jet](#) [Nozzle] clean all debris off shaft, clear holes, hone cavity.
Set float height as manual stated RD350 = 15mm +/- 1mm RD400 = 23mm +/- 1mm
Remove [Jet Needle](#) from slides -clean with steel wool -note type and clip position
Clean [pilot jet](#) -guitar wire to clean all holes -shoot with air
- 3) Compression - test both cylinders [dry] must be a minimum of 100psi both sides
Both sides should be within 5% of each other.
- 4) Timing- NOTE: Battery must have at least 11 VDC
Inspect [point](#) -pitted (R&R) replace or repair file down if in limits
Set gap to 0.012" - 0.016" [0.014']
Using a [dial indicator](#) [metric preferred] set timing to 2.0mmBTDC
If motor work and pipes, big carbs 1.8mmBTDC -Retarded
- 5) Install new [plugs](#) as recommended R5-RD350 B8hs, RD400 B8es
gap to 0.022" - 0.026"
- 6) Start that mother up!!!!
If all was done correctly 1-2 kick should bring it to life.
- 7) If Right pipe [sitting on bike] smokes more than left [crank seals](#) will need to be replaced
For GOD sake this is a 35-39 year old bike rubber parts wear out due to many years of exposure.
If seals need to be replaced Jetting will be a bitch -left side FAT [jetting](#) right side LEAN jetting. If the labyrinth seal is weak both sides will smoke.
- 8) Noise in the engine - Slappy [pistons](#) will make noise- Ride the Bitch.
When you are riding and it slows down and will not start. Wait for 10 minutes then start and go home you have just experienced a seizure. Medication for this is a new top end! YEY!!

Off you and your [wallet](#) go, new tires, chain and sprockets, brake rebuilds, rubber parts, new odds and ends. Your [Wife](#) has to [love you a lot](#) or the bike for this to work... Once you ride a well tuned RD you will find it is not the fastest bike out there. But is sure is fun, power band is an addicting thing on these bikes

Have fun

JT RD's Only