

Troubles	Probable causes	Corrective action
	3. Clogged slow jet	3. Unscrew the plug, remove and check for any dirt, blow out with compressed air if dirty. Remove the slow jet and clean in the same manner



Fig. 6.2 Adjusting the Idling (S 90)

① Throttle stop screw ② Air screw

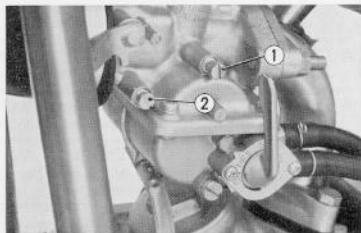


Fig. 6.3 Adjusting the Idling (CT 90)

① Throttle stop screw ② Air screw

Troubles	Probable causes	Corrective action
3. Poor performance at intermediate speed (related symptom) Flat spot Poor acceleration Excessive fuel consumption Poor speed transition	1. Same corrective action as for poor idling	1. Clogged slow jet
	2. Jet needle at improper setting	2. Adjust to the proper stage
	3. Improper fuel level	3. Replace worn jet needle with new part. Use the fuel level gauge and adjust the level by bending the float arm lip
	4. Clogged air vent	4. Clean out the air vent
4. Poor high speed performance (related symptom) ◦ Loss of power ◦ Poor acceleration ◦ Black exhaust ◦ Poor engine performance	1. Loose main jet or clogged with dirt	1. Remove main jet and clean, install and tighten securely
	2. Clogged air vent tube	2. Clean out vent tube
	3. Choke closed	3. Open the choke to full OPEN position
	4. Fuel cock improperly positioned	4. Position the fuel cock lever to full OPEN position
	5. Loose jet needle	5. If jet needle locking clip is broken, replace with a new part
5. Hard starting	1. Excessive use of choke	1. Start engine with choke valve fully open (clean spark plug)
	2. Fuel overflow	2. Same corrective action as 1 above
	3. Fuel cock in closed position	3. Open fuel cock

6.3 ENGINE NOISE

Troubles	Probable causes	Corrective action
1. Tappet noise	1. Excessive valve tappet clearance	1. Adjust to proper clearance
	2. Worn tappet	2. Repair or replace