



Carb Symptom Settings

Symptom	Setting	Checking
At full throttle Stall at high speeds Hard Breathing Shearing noise Whitish spark plug Lean Mixture	Increase main jet calibration # Gradually	Discoloration of spark plug If tan color, it is in good condition If cannot be corrected: Clogged float valve seal Clogged fuel hose Clogged fuel cock
At full throttle Speed pick-up stops Slow speed pick-up Slow response Sooty spark plug Rich Mixture	Decrease main jet calibration # Gradually	Discoloration of spark plug If tan color, it is in good condition If cannot be corrected: Clogged air filter Fuel overflow from carb
Lean Mixture	Use needle jet with a smaller diameter, or NBLF Lower jet needle clip position	The clip position is the jet needle groove on which the clip is installed. The positions are numbered from the top
Rich Mixture	Use jet needle with a larger diameter, or NBKG Raise jet needle clip position	
1/4 - 3/4 throttle Hard breathing Lack of speed	Use needle jet with a smaller diameter, or NBLF Lower jet needle clip position	
1/4 - 1/2 throttle Slow speed pick-up White smoke	Use jet needle with a larger diameter, or NBKG Raise jet needle clip position	

STILL WORKING