



ENGINE TIGHTENING TORQUE SETTINGS

ENGINE REBUILD SPECS

These are recommended measurements that suit most cases. There could be some variation caused by temperature or altitude.

Cylinder head squish clearance 0.8mm (.0314) thick base gasket
Cylinder head squish clearance 0.7mm (.0275) thin base gasket

Piston ring gap 0.3mm Min (.0118)
Piston ring gap 0.45mm Max (.0177)

Piston to cylinder clearance 0.1mm Min (.0397)
Piston to cylinder clearance hot weather 0.125mm (.0492)

Carburetor setting H/S 1 ¼ turns L/S 2 1/16 turns. This may vary due to weather or altitude.

Spark plug Nippon W27esu running in. W27eszu racing. W29eszu hot weather racing.
NGK B8XX plugs are good for run in and racing

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Cylinder head 14 ft/lb (168 in/lb)

Spark plug 12 ft/lb (144 in/lb)

Crankcase bolts 7 ft/lb (84 in/lb)

Rotor mounting nut 15ft/lb (180 in/lb)

Carb nuts 5ft/lb (60 in/lb)

Exhaust nuts 14ft/lb (168 in/lb)

Reed block nuts 5ft/lb (60 in/lb)

Clutch centre mounting nut 60ft/lb (720 in/lb) with loctite

Clutch drum nut 10ft/lb (120 in/lb) with loctite

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