



PRO RACING DESIGN



ENGINE REBUILD SPECS/ 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	0.1mm
Piston ring gap	0.3mm Min
Piston to cylinder clearance	0.1mm Min (0.125mm in hot weather)
Carburetor setting	H/S 1 ¼ turns L/S 1 ¾ turns. This may vary due to weather or altitude.
Spark plug Nippon	W27esu running in. W27eszu racing. W29eszu hot weather racing.

ENGINE TIGHTENING TORQUE SETTINGS

Cylinder head	16 ft/lb
Spark plug	14 ft/lb
Crankcase bolts	7 ft/lb
Rotor mounting nut	15ft/lb
Carb nuts	5ft/lb
Exhaust nuts	20ft/lb
Reed block nuts	5ft/lb
Clutch centre mounting nut	60ft/lb with loctite
Clutch drum nut	10ft/lb with loctite

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