

# TAM QUICK ENGINE SPECIFICATION

specs\_nis\_h20.xlsx

Nissan H20				
1982 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
3.433	3.268	1-3-4-2	2.4785	2.0462
SPARK PLUG	SPARK PLUG	DISTRIBUTOR	IGN.TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
B4ES	.028-.031	.018-.022	7 deg.BTDC/550	4.5 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	72-79		Oil pan drain plug	14-29
Rod brg. caps	35-44		Oil pump bolt	15-25
Cyl. head bolts	59-69		Rocker arm nut	12-17
Cam sprocket bolt	18-22		Rckr. shaft brckt.bolt	36-43
Crank pulley bolt	87-116		Side cover bolt	2.9-5.8
Flywheel bolt	43-54		Spark plug	11-14
Flywheel housing	22-29		Water outlet bolt	7-12
Manifold bolt and nut	10-13		Water pump bolt	14-18
Oil pan bolt	2.9-5.1		Wtr.pmp.pulley bolt	4.3-7.2
PISTON				
Diameter	3.4325-3.4344		Cyl.bore clearance	.0010-.0018
Pin diameter	.8656-.8661			
RINGS				
Ring gap-Top	.0098-.0157		Side clearance-Top	.0016-.0029
Ring gap-2nd	.0059-.0118		Side clearance-2nd	.0012-.0025
Ring gap-Oil	.0118-.0354			
CRANKSHAFT				
Main journal dia.	2.4780-2.4785		Rod journal dia.	2.0457-2.0462
Main run clearance	.0008-.0024		Rod run clearance	.0004-.0026
End play	.0020-.0071			
CAMSHAFT				
Front journal dia.	1.7887-1.7892		End play	.0020-.0110
Center journal dia.	1.7282-1.7287			
Rear journal dia.	1.6228-1.6233			
VALVES				
Intake length	4.33-4.35		Exhaust length	4.35-4.37
Intake stem dia.	.3408-.3413		Exhaust stem dia.	.3396-.3402
Intake head dia.	1.654		Exhaust head dia.	1.26
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.015 hot		Exhaust clearance	.015 hot