

TAM QUICK ENGINE SPECIFICATION

specs_nis_h20-11.xlsx

Nissan H20-11				
1982 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
3.433	3.268	1-3-4-2	2.4785	1.7706
SPARK PLUG	SPARK PLUG	AIR	IGN.TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
BP4ES	.031-.035	.0138-.0177	4 deg.BTDC/650	4 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	61-69		Oil pan drain plug	14-29
Rod brg. caps	23-27		Oil pump bolt	15-25
Cyl. head bolts	54-61		Rocker arm nut	
Cam sprocket bolt	22-29		Rckr. shaft brckt.bolt	36-43
Crank pulley bolt	105-112		Side cover bolt	
Flywheel bolt	98-105		Spark plug	13-17
Flywheel housing	32-43		Water outlet bolt	10-15
Manifold bolt and nut	12-14		Water pump bolt	14-18
Oil pan bolt	4.7-5.5		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.4317-3.4337		Cyl.bore clearance	.0010-.0018
Pin diameter	.7871-.7873			
RINGS				
Ring gap-Top	.0098-.0138			
Ring gap-2nd	.0059-.0098			
Ring gap-Oil	.012-.035			
CRANKSHAFT				
Main journal dia.	2.4780-2.4785		Rod journal dia.	1.7701-1.7706
Main run clearance	.0008-.0024		Rod run clearance	.0004-.0026
End play	.0020-.0071			
CAMSHAFT				
Front bushing ID	1.7902-1.7907		End play	.0020-.0091
Center bushing ID	1.7302-1.7307			
Rear bushing ID	1.7302-1.7307			
VALVES				
Intake length	4.2736-4.2854		Exhaust length	4.2539-4.2657
Intake stem dia.	.2744-.2750		Exhaust stem dia.	.2734-.2740
Intake head dia.	1.378-1.386		Exhaust head dia.	1.181-1.189
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.015 hot		Exhaust clearance	.015 hot