

TAM QUICK ENGINE SPECIFICATION

specs_nis_k21.xlsx

Nissan K21				
2065 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
3.5039-3.5059"	3.268"	1-3-4-2	2.4780-2.4785"	1.7701-1.7706"
SPARK PLUG	SPARK PLUG	DISTRIBUTOR	IGN.TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
			0° BTDC	
		TORQUE VALUES		
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	62-68 (with oil)		Oil pan drain plug	
Rod brg. caps	31-37		Oil pump bolt	
Cyl. head bolts	14-17, 51, loosen, repeat		Rocker arm nut	
Cam sprocket bolt			Rckr. shaft brckt.bolt	
Crank pulley bolt			Side cover bolt	
Flywheel bolt	97-105		Spark plug	
Flywheel housing			Water outlet bolt	
Manifold bolt and nut			Water pump bolt	
Oil pan bolt			Wtr.pmp.pulley bolt	
		PISTON		
Diameter	3.0455"		Cyl.bore clearance	.0010-.0017
Pin diameter	.7871-.7873"			
		RINGS		
Ring gap-Top	.011-.017"		Side clearance-Top	
Ring gap-2nd	.018-.024"		Side clearance-2nd	
Ring gap-Oil	.008-.024"			
		CRANKSHAFT		
Main journal dia.	2.4780-2.4785"		Rod journal dia.	1.7701-1.7706"
Main run clearance	.0008-.0029"		Rod run clearance	.0012-.0026"
End play	.002-.007"			
		CAMSHAFT		
Front journal dia.	1.7887-1.7892"		End play	.006-.009"
Center journal dia.	1.7282-1.7287"			
Rear journal dia.	1.6228-1.6233"			
		VALVES		
Intake length	3.892-3.915"		Exhaust length	3.896-3.919"
Intake stem dia.	.2744-.2750"		Exhaust stem dia.	.2734-.2740"
Intake head dia.	1.4961-1.5079"		Exhaust head dia.	1.2598-1.2717"
Intake face angle	45.5°		Exhaust face angle	45.5°
Intake clearance	.0006-.0019"		Exhaust clearance	.0016-.0029"