

TAM QUICK ENGINE SPECIFICATION

specs_nis_p40.xlsx

Nissan P40				
3656 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.375	4.5	1-5-3-6-2-4	2.7283	2.25
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING	OIL CAPACITY WITH FILTER
B4ES	.028-.031	.018-.022	8 deg.BTDC/550	6 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	72-87		Oil pan drain plug	14-29
Rod brg. caps	33-43		Oil pump bolt	15-25
Cyl. head bolts	51-65		Rocker arm nut	
Cam sprocket bolt	22-30		Rckr. shaft brckt.bolt	25-35
Crank pulley bolt	110-120		Side cover bolt	
Flywheel bolt	58-72		Spark plug	13-17
Flywheel housing	38-54		Water outlet bolt	7-9
Manifold bolt and nut	18-25		Water pump bolt	18-25
Oil pan bolt	5.8-10.1		Wtr.pmp.pulley bolt	4.3-6.5
PISTON				
Diameter	3.3720-3.3740		Cyl.bore clearance	.0012-.0019
Pin diameter	.8129-.8131		Piston pin hole bore	.8131-.8133
RINGS				
Ring gap-Top	.0098-.0157		Side clearance-Top	.0012-.0031
Ring gap-2nd	.0059-.0118		Side clearance-2nd	.0012-.0031
Ring gap-Oil	.008-.035			
CRANKSHAFT				
Main journal dia.	2.7274-2.7283		Rod journal dia.	2.2492-2.2500
Main run clearance	.0012-.0042		Rod run clearance	.0006-.0027
End play	.0031-.0071			
CAMSHAFT				
No.1 journal dia.	1.9240-1.9350		No.4 journal dia.	1.9020-1.9030
No.2 journal dia.	1.9260-1.9270		End play	.0018-.0085
No.3 journal dia.	1.9140-1.9150			
VALVES				
Intake length	5.1201-5.1319		Exhaust length	5.1712-5.1831
Intake stem dia.	.3400-.3406		Exhaust stem dia.	.3396-.3402
Intake head dia.	1.693		Exhaust head dia.	1.425
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.015 hot		Exhaust clearance	.015 hot