

TAM QUICK ENGINE SPECIFICATION

specs_nis_a15.xlsx

Nissan A15				
1488 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
2.992	3.228	1-3-4-2	1.9675	1.7706
SPARK PLUG	SPARK PLUG	DISTRIBUTOR	IGN.TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
B4ES	.028-.031	.018-.022	7 deg.BTDC/650	3.3 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	36-43		Oil pan drain plug	14-29
Rod brg. caps	23-27		Oil pump bolt	
Cyl. head bolts	51-58		Rocker arm nut	12-16
Cam sprocket bolt	29-35		Rckr. shaft brckt.bolt	14-18
Crank pulley bolt	108-145		Side cover bolt	
Flywheel bolt	58-65		Spark plug	13-17
Flywheel housing	12-15		Water outlet bolt	
Manifold bolt and nut	10-13		Water pump bolt	6.5-10
Oil pan bolt	2.9-4.3		Wtr.pmp.pulley bolt	
PISTON				
Diameter	2.9908-2.9928		Cyl.bore clearance	.0010-.0018
Pin diameter	.7478-.7480			
RINGS				
Ring gap-Top	.0079-.0138		Side clearance-Top	.0016-.0029
Ring gap-2nd	.0059-.0118		Side clearance-2nd	.0012-.0025
Ring gap-Oil	.0118-.0354			
CRANKSHAFT				
Main journal dia.	1.9666-1.9675		Rod journal dia.	1.7701-1.7706
Main run clearance	.0010-.0035		Rod run clearance	.0012-.0031
End play	.0020-.0059			
CAMSHAFT				
No.1 journal dia.	1.723-1.724		No.4 journal dia.	1.664-1.665
No.2 journal dia.	1.664-1.704		No.5 journal dia.	1.6224-1.6629
No.3 journal dia.	1.684-1.6849		End play	.0004-.0020
VALVES				
Intake length	4.0748-4.0945		Exhaust length	4.0748-4.0945
Intake stem dia.	.3138-.3143		Exhaust stem dia.	.3128-.3134
Intake head dia.	1.457-1.465		Exhaust head dia.	1.181-1.189
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.014 hot		Exhaust clearance	.014 hot