

# TAM QUICK ENGINE SPECIFICATION

specs\_nis\_sd25.xlsx

Nissan SD25				
2488 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.504	3.937	1-3-4-2	2.7921	2.0837
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING IDLE SPEED	OIL CAPACITY WITH FILTER
				6.87 U.S.qts.
LOCATION		TORQUE VALUES		
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	108-116		Oil pan drain plug	
Rod brg. caps	38-41		Oil pump bolt	
Cyl. head bolts	Sub(36) Main(94)		Rocker arm nut	
Cam sprocket bolt	33-36		Rckr. shaft brckt.bolt	14-18
Crank pulley bolt	217-239		Side cover bolt	
Flywheel bolt	33-36		Spark plug	
Flywheel housing			Water outlet bolt	7-9
Manifold bolt and nut	11-13		Water pump bolt	8mm (8) 10mm (18)
Oil pan bolt	2.9-4.3		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.4998-3.5014		Sleeve clearance	.0035-.0045
Pin diameter	1.0233-1.0236			
RINGS				
Ring gap-Top	.0118-.0197		Side clearance Top	.0024-.0039
Ring gap-2nd	.0079-.0138		Side clearance 2nd	.0016-.0031
Ring gap-Oil	.0059-.0118		Side clearance Oil	.0008-.0024
CRANKSHAFT				
Main journal dia.	2.7916-2.7921		Rod journal dia.	2.0832-2.0837
Main run clearance	.0014-.0037		Rod run clearance	.0014-.0035
End play	.0024-.0055			
CAMSHAFT				
Front journal dia.	1.7887-1.7892		End play	.0032-.0102
Center journal dia.	1.7282-1.7287			
Rear journal dia.	1.6228-1.6233			
VALVES				
Intake length	4.61		Exhaust length	4.61
Intake stem dia.	.3138-.3144		Exhaust stem dia.	.3128-.3134
Intake head dia.	1.571-1.579		Exhaust head dia.	1.335-1.343
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.014 hot		Exhaust clearance	.014 hot