

TAM QUICK ENGINE SPECIFICATION

specs_nis_j15.xlsx

Nissan J15				
1483 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
3.071	3.055	1-3-4-2	2.001	1.8759
SPARK PLUG	SPARK PLUG	DISTRIBUTOR	IGN. TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
B4ES	.028-.031	.018-.022	6 deg.BTDC/600	3.75 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	72-80		Oil pan drain plug	14 to 22
Rod brg. caps	20-27		Oil pump bolt	7 to 12
Cyl. head bolts	36-43		Rocker arm nut	12 to 17
Cam sprocket bolt	22 to 29		Rckr.shaft brckt.bolt	14 to 22
Crank pulley bolt	87 to 116		Side cover bolt	2.9 to 5.8
Flywheel bolt	36 to 43		Spark plug	11 to 14
Flywheel housing	22 to 29		Water outlet bolt	7 to 12
Manifold bolt and nut	12 to 17		Water pump bolt	9 to 13
Oil pan bolt	4.3 to 6.5		Wtr.pmp.pulley bolt	4.3 to 7.2
PISTON				
Diameter	3.0683-3.0703		Pin hole bore	.8268-.8271
Pin diameter	.8265-.8267			
RINGS				
Ring gap-Top	.0079-.0138		Side clearance-Top	.0014-.0029
Ring gap-2nd	.0055-.0114		Side clearance-2nd	.0014-.0025
Ring gap-Oil	.0118-.0354			
CRANKSHAFT				
Main journal dia.	2.0005-2.0010		Rod journal dia.	1.8754-1.8759
Main run clearance	.0012-.0031		Rod run clearance	.0012-.0028
End play	.0004-.0083			
CAMSHAFT				
Front journal dia.	1.7887-1.7892		Front brg. ID	1.7902-1.7907
Center journal dia.	1.7282-1.7287		Center brg. ID	1.7302-1.7307
Rear journal dia.	1.6242-1.6233		Rear brg. ID	1.6242-1.6248
End play	.0020-.0114			
VALVES				
Intake length	4.3051-4.3169		Exhaust length	4.3051-4.3169
Intake stem dia.	.3417-.3423		Exhaust stem dia.	.3417-.3423
Intake head dia.	1.488-1.496		Exhaust head dia.	1.256-1.264
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.010 hot		Exhaust clearance	.010 hot