

# TAM QUICK ENGINE SPECIFICATION

specs\_toy\_2j.xlsx

Toyota 2J				
2481 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.465	4.0157	1-2-4-3	2.756	2.165
SPARK PLUG TYPE	SPARK PLUG GAP	AIR GAP	IGN.TIMING IDLE SPEED	OIL CAPACITY WITH FILTER
				1.85 U.S. gals.
LOCATION		TORQUE VALUES		LOCATION
FT. LB.				FT. LB.
Main brg.caps	71-81		Inj.pump to drv.gr.	58-65
Rod brg. caps	47-54		I/pump to Inj. Pipe	17-26
Cyl. head bolts	80-86		Rocker arm nut	
Cam sprocket bolt	22-32		Rckr. shaft brckt.bolt	
Crank pulley bolt	80-108		Timing cover	10-14
Flywheel bolt	83-90		Glow plug	7-11
Flywheel housing			Intake manifold	11-15
Manifold bolt and nut			Exhaust manifold	13-17
Oil pan bolt	3.7-5.7		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.4598-3.4610		Sleeve clearance	.0044-.0051
Pin diameter	1.0630-1.0633			
RINGS				
Ring gap-Top	.0099-.0177		Ring gap-Oil	.0079-.0157
Ring gap-2nd	.0099-.0177			
Ring gap-3rd	.0079-.0157			
CRANKSHAFT				
Main journal dia.	2.755-2.756		Rod journal dia.	2.1645-2.165
Main run clearance	.0012-.0027		Rod run clearance	.0012-.0027
End play				
CAMSHAFT				
1st journal dia.	1.8567-1.8575		4th journal dia.	1.8331-1.8339
2nd journal dia.	1.8488-1.8496			
3rd journal dia.	1.8409-1.8417			
VALVES				
Intake length	4.748		Exhaust length	4.74
Intake stem dia.	.353-.354		Exhaust stem dia.	.352-.353
Intake head dia.	1.59		Exhaust head dia.	1.32
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.008 hot		Exhaust clearance	.014 hot