

TAM QUICK ENGINE SPECIFICATION

specs_toy_5p.xlsx

Toyota 5P				
2771 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.66	4.02	1-2-4-3	2.756	2.165
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING	OIL CAPACITY WITH FILTER
W9EP	.028-.031	.016-.020	5 deg.BTDC/700	1.82 U.S. gals.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	71-81		Oil pan drain plug	10-16
Rod brg.caps	47-54		Oil pump bolt	
Cyl. head bolts	80-86		Rocker arm nut	
Cam sprocket bolt	22-32		Rckr.shaft brckt.bolt	10-16
Crank pulley bolt	80-108		Timing cover	
Flywheel bolt	83-90		Spark plug	10-16
Flywheel housing	36-50		Water outlet bolt	
Manifold bolt and nut	10-16		Water pump bolt	
Oil pan bolt	2.5-4.7		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.66-3.661		Cyl.bore clearance	.0012-.0020
Pin diameter	1.0630-1.0633			
RINGS				
Ring gap-Top	.012-.020		Side clearance Top	.0024-.004
Ring gap-2nd	.012-.020		Side clearance 2nd	.002-.0035
Ring gap-Oil	.012-.020		Side clearance Oil	.0012-.003
CRANKSHAFT				
Main journal dia.	2.755-2.756		Rod journal dia.	2.1645-2.165
Main run clearance	.0012-.003		Rod run clearance	.0012-.003
T/ brg thickness	.115-.117			
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