

TAM QUICK ENGINE SPECIFICATION

specs_toy_2f.xlsx

Toyota 2F				
4229 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.701	4	1-5-3-6-2-4	See Below	2.126
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING	OIL CAPACITY WITH FILTER
W14EX-U	.028-.031	0.012	7 deg.BTDC/750	8.2 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	#1-3(108) #4(94)		Oil pan drain plug	
Rod brg.caps	35-54		Oil pump bolt	
Cyl. head bolts	84-97		Rocker arm nut	
Cam sprocket bolt			Rckr.shaft brckt.bolt	10mm(32) 8mm(21)
Crank pulley bolt	116-144		Timing cover	
Flywheel bolt	58-79		Spark plug	
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	29-36		Water pump bolt	
Oil pan bolt	53-104 in.lbs.		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.6992-3.7012		Cyl.bore clearance	.0012-.0020
Pin fit @ 68 deg.F	.0003-.0005			
RINGS				
Ring gap-Top	.0079-.0157		Side clearance Top	.0012-.0028
Ring gap-2nd	.0079-.0157		Side clearance 2nd	.0008-.0024
CRANKSHAFT				
Main journal dia.	2.636/2.695/2.754/2.813		Rod journal dia.	2.1252-2.1260
Main run clearance	.0008-.0017		Rod run clearance	.0008-.0017
CAMSHAFT				
1st journal dia.	1.8880-1.8888		4th journal dia.	1.7108-1.7116
2nd journal dia.	1.8289-1.8297			
3rd journal dia.	1.7699-1.7707			
VALVES				
Intake length	4.913		Exhaust length	4.921
Intake stem dia.	.3138-.3144		Exhaust stem dia.	.3134-.3140
Intake head dia.			Exhaust head dia.	
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.008 hot		Exhaust clearance	.014 hot