

TAM QUICK ENGINE SPECIFICATION

specs_toy_2h.xlsx

Toyota 2H				
3980 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.5827	4.0157	1-4-2-6-3-5	2.7559	2.1654
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING IDLE SPEED	OIL CAPACITY WITH FILTER
				12.3 U.S.qts.
LOCATION		TORQUE VALUES		LOCATION
FT. LB.				FT. LB.
Main brg.caps	82-92		Oil pan drain plug	
Rod brg.caps	62-68		Oil pump bolt	
Cyl. head bolts	73-80		Rocker arm nut	
Cam sprocket bolt	26-39		Rckr.shaft brckt.bolt	11-15
Crank pulley bolt	289-361		Timing cover	
Flywheel bolt	84-90		Spark plug	
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	Int:15 Exh:17		Water pump bolt	
Oil pan bolt	8-11		Wtr.pmp.pulley bolt	
PISTON				
Diameter	3.5799-3.5803		Sleeve clearance	.0028-.0035
Pin fit @ 68 deg.F				
RINGS				
Ring gap-Top	.0078-.0138		Side clearance Top	.0018-.0033
Ring gap-2nd	.0078-.0138		Side clearance 2nd	.0020-.0035
Ring gap-3rd	.0078-.0138		Side clearance 3rd	.0016-.0031
CRANKSHAFT				
Main journal dia.	2.7551-2.7559		Rod journal dia.	2.1646-2.1654
Main run clearance	.0012-.0028		Rod run clearance	.0012-.0028
CAMSHAFT				
1st journal dia.	2.0138-2.0146		4th journal dia.	1.9902-1.9909
2nd journal dia.	2.0059-2.0067			
3rd journal dia.	1.9980-1.9988			
VALVES				
Intake length	4.752		Exhaust length	4.748
Intake stem dia.	.3533-.3539		Exhaust stem dia.	.3525-.3531
Intake head dia.			Exhaust head dia.	
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.008 hot		Exhaust clearance	.014 hot