

# TAM QUICK ENGINE SPECIFICATION

specs\_mit\_4g33.xlsx

Mitsubishi 4G33				
1439 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
2.874	3.386	1-3-4-2	2.2441	1.7717
SPARK PLUG	SPARK PLUG	AIR	IGN.TIMING	OIL CAPACITY
TYPE	GAP	GAP	IDLE SPEED	WITH FILTER
W14EX-U	.028-.031	0.031	5 deg.BTDC/650	1.19 U.S.gals.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	36-39		Oil pan drain plug	43-57
Rod brg.caps	23-25		Oil pump bolt	11-13
Cyl. head bolts	59		Rocker arm nut	
Cam sprocket bolt	36-43		Rckr.shaft brckt.bolt	
Crank pulley bolt	80-94		Timing cover	
Flywheel bolt	94-101 mounting		Spark plug	15-22
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	10-14		Water pump bolt	
Oil pan bolt	4.3-5.8		Wtr.pmp.pulley bolt	
PISTON				
Diameter	2.87		Cyl.bore clearance	.0008-.0016
Pin diameter	.7480-.7483			
RINGS				
Ring gap-Top	.0059-.0138		Side clearance Top	.0012-.0028
Ring gap-2nd	.0059-.0138		Side clearance 2nd	.0008-.0024
Ring gap-Oil	.008-.020			
CRANKSHAFT				
Main journal dia.	2.2441		Rod journal dia.	1.7717
Main run clearance	.0006-.0028		Rod run clearance	.0004-.0025
End play	.0020-.0068			
CAMSHAFT				
1st journal dia.	1.3386		End play	.003-.006
VALVES				
Intake length	4.169		Exhaust length	4.035
Intake stem dia.	0.3158		Exhaust stem dia.	0.3158
Intake head dia.			Exhaust head dia.	
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.008 hot		Exhaust clearance	.010 hot