

# TAM QUICK ENGINE SPECIFICATION

specs\_mit\_4g54.xlsx

Mitsubishi 4G54				
2555 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.587	3.858	1-3-4-2	2.5985	2.086
SPARK PLUG TYPE	SPARK PLUG GAP	AIR GAP	IGN.TIMING IDLE SPEED	OIL CAPACITY WITH FILTER
W14EX-U	.028-.031	0.031	6 deg.BTDC/650	1.32 U.S.gals.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	54-61		Oil pan drain plug	43-57
Rod brg.caps	33-35		Oil pump bolt	5.8-7.2
Cyl. head bolts	65-72		Rocker arm nut	3.6-5.1
Cam sprocket bolt	36-43		Rckr.shaft brckt.bolt	
Crank pulley bolt	80-94		Timing cover	
Flywheel bolt	94-101		Spark plug	18-21
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	3.31		Cyl.bore clearance	.0008-.0016
Pin diameter	0.87			
RINGS				
Ring gap-Top	.0098-.0157		Side clearance Top	.0024-.0039
Ring gap-2nd	.0098-.0177		Side clearance 2nd	.0008-.0024
Ring gap-Oil	.008-.035		Side clearance Oil	
CRANKSHAFT				
Main journal dia.	2.5985		Rod journal dia.	2.086
Main run clearance	.0007-.003		Rod run clearance	.0005-.0025
Center clearance	.001-.002			
CAMSHAFT				
1st journal dia.	1.3386		End play	.004-.008
2nd journal dia.				
3rd journal dia.				
VALVES				
Intake length	4.3331		Exhaust length	4.2504
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	.006 hot		Exhaust clearance	.010 hot