

# TAM QUICK ENGINE SPECIFICATION

specs\_cat\_xd3p.xlsx

<b>Caterpillar XD3P (Peugeot)</b>				
<b>2498 C.C.</b>				
<b>BORE</b>	<b>STROKE</b>	<b>FIRING ORDER</b>	<b>MAIN JOURNAL</b>	<b>ROD JOURNAL</b>
3.7008	3.5433	1-3-4-2	2.363	2.166
<b>SPARK PLUG TYPE</b>	<b>SPARK PLUG GAP Gas/Dual</b>	<b>SPARK PLUG GAP LPG</b>	<b>IGN.TIMING IDLE SPEED</b>	<b>OIL CAPACITY WITH FILTER</b>
<b>LOCATION</b>		<b>TORQUE VALUES</b>		<b>LOCATION</b>
<b>LOCATION</b>	<b>FT. LB.</b>		<b>LOCATION</b>	<b>FT. LB.</b>
Main brg.caps	75-90		Oil pan drain plug	18-26
Rod brg.caps	44		Oil pump bolt	
Cyl. head bolts			Rocker arm nut	13-27
Cam sprocket bolt	16.6		Rckr.shaft brckt.bolt	30-33
Crank pulley bolt	125		Timing cover	
Flywheel bolt	90-95		Spark plug	22-30
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	15-18		Water pump bolt	
Oil pan bolt	5.3-9.3		Wtr.pmp.pulley bolt	
<b>PISTON</b>				
Pin diameter	1.1809-1.1811			
<b>RINGS</b>				
Ring gap-Top	.016-.026		Side clearance Top	
Ring gap-2nd	.014-.024		Side clearance 2nd	
Ring gap-Oil	.006-.012		Side clearance Oil	
<b>CRANKSHAFT</b>				
Main journal dia.	2.3620-2.3630		Rod journal dia.	2.165-2.166
Main run clearance	.0016-.0039		Rod run clearance	.0016-.0036
End play	.003-.011			
T/washer thickness	.0906-.0917			
<b>CAMSHAFT</b>				
Journal diameter	1.6502-1.6516		End play	.002-.006
<b>VALVES</b>				
Intake length	4.577		Exhaust length	4.577
Intake stem dia.	.3336-.3344		Exhaust stem dia.	.3328-.3337
Intake head dia.	1.673		Exhaust head dia.	1.398
Intake face angle	50 deg.		Exhaust face angle	50 deg.
Intake clearance	.012 cold		Exhaust clearance	.012 cold