

TAM QUICK ENGINE SPECIFICATION

specs_cat_xn1p.xlsx

Caterpillar XN1P (Peugeot)				
1971 C.C.				
BORE	STROKE	FIRING	MAIN	ROD
		ORDER	JOURNAL	JOURNAL
3.465	3.189	1-3-4-2	See Below	1.9685
SPARK PLUG	SPARK PLUG	SPARK PLUG	IGN.TIMING	OIL CAPACITY
TYPE	GAP Gas/Dual	GAP LPG	IDLE SPEED	WITH FILTER
W16EX-U	0.024	.016-.020	8 deg.BTDC/850	
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	55		Oil pan drain plug	26-30
Rod brg.caps	29		Oil pump bolt	90 in,lbs.
Cyl. head bolts	60		Rocker arm nut	90 in,lbs.
Cam sprocket bolt	16.6		Rckr.shaft brckt.bolt	
Crank pulley bolt	125		Timing cover	90 in,lbs.
Flywheel bolt	50		Spark plug	16.5-18
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	15-18		Water pump bolt	
Oil pan bolt	90 in.lbs.		Wtr.pmp.pulley bolt	
PISTON				
Sleeve clearance	.0024-.0031			
RINGS				
Ring gap-Top	.0079-.0197		Side clearance Top	
Ring gap-2nd	.0157-.0217		Side clearance 2nd	
Ring gap-Oil	.0098-.0157		Side clearance Oil	
CRANKSHAFT				
Front M/journal	2.3386-2.3392		Rod journal dia.	1.9679-1.9685
Front Interior	2.3050-2.3060		Rod run clearance	.0007-.0020
Center	2.2509-2.2515		Main run clearance	.0010-.0030
Rear Interior	2.2102-2.2112		End play	.003-.008
Rear M/journal	2.1616-2.1622		T/washer thickness	.090 to .098
CAMSHAFT				
Front journal dia.	1.8864-1.8874		End play	.002-.0055
Center journal dia.	1.8077-1.8087			
Rear journal dia.	1.7289-1.7299			
VALVES				
Intake length	4.656		Exhaust length	4.409
Intake stem dia.	0.3158		Exhaust stem dia.	0.3157
Intake head dia.	1.6733		Exhaust head dia.	1.3977
Intake face angle	45 deg.		Exhaust face angle	45 deg.
Intake clearance	.004-.006 cold		Exhaust clearance	.010-.012 cold