



Engine Build Sheet

For

Engine: _____ Date: _____

Bore: _____ Stroke: _____ Rod Length: _____ Displacement: _____

Piston To Wall Clearance

Cylinder No.	1	2	3	4	5	6	7	8
Bore Diameter								
Piston Diameter								
Clearance								

Piston To Head Clearance

Cylinder No.	1	2	3	4	5	6	7	8
Head Gasket Thickness								
Piston Deck Height								
Total Clearance								

Piston Dome Volume

Cylinder No.	1	2	3	4	5	6	7	8
Valve Relief Depth								
Intake								
Exhaust								

Main Bearing Clearance

Journal No.	1	2	3	4	5
Bearing WIDTH					
Bearing Thickness					
Bearing I. D.					
Journal O. D.					
Clearance					

Fastener Torque Inner: _____ Outer: _____

Rod Bearing Clearance

Journal No.	1	2	3	4	5	6	7	8
Bearing WIDTH								
Bearing Thickness								
Bearing I. D.								
Journal O. D.								
Clearance								
Crankshaft Stroke								

Thrust clearance: _____

Piston Rings

Cylinder No.	1	2	3	4	5	6	7	8
End Gap								
Top								
Second								
Oil								
Side Clearance								
Top								
Second								
Oil								

Connecting Rods

Rod No.	1	2	3	4	5	6	7	8
Wrist Pin O. D.								
Small End I. D.								
Clearance								

Fastener Torque Inner: _____ Outer: _____

Rod Nos.	1&2	3&4	5&6	7&8
Side Clearance				

Valve Springs

Cylinder No.	1		2		3		4		5		6		7		8	
Valve	int	exh	int	exh	int	exh	int	exh	int	exh	int	exh	int	exh	int	exh
Installed Hieght																
shim																
Seat Pressure																
Open Pressure																
Coil Bind																
Piston to Valve Clearance																

Camshaft

Grind Number: _____
 Duration @ 0.050": _____
 Lobe Center: _____
 Installed @ Intake Centerline: _____
 Lobe Lift: _____
 Rocker Arm Ratio: _____
 Theoretical Lift: _____
 Actual Lift: _____

Valve Lash

Intake: _____ Exhaust: _____ Head Fastener Torque: _____