

Build Sheet

Date:		Customer's Name:			
Engine Brand/Type:		Block I.D.:		Work order #:	
Bore:	Stroke:	C.I.D.:	Crankshaft I.D.:		
Piston Part #:			Ring Set Part #:		
Conn. Rod Type:		C/C Length:		Bolt Torque.:	
Piston Pin Dia.:		Piston Pin Length:		Pin Part #:	Pin end play:
Piston pin fit, piston :		Piston pin fit, rod:		Cylinder head type:	
Main Bearing #:		Rod Bearing #:		Piston-Rod side clear.	
Crank end play:		Cam end play:		Comp Ratio:	Piston to deck:
Piston to Valve -->	Int.:	Exh.:	Deg @		

Piston Data

	1st	2nd	Oil		Deck clearance				
Ring Groove Width's					1)	2)	3)	4)	
Ring end gap									
Ring Back Clearance					5)	6)	7)	8)	

Cylinder Bore Clearances

Bore Dia.	Cyl. #1		Cyl. #2		Cyl. #3		Cyl. #4	
Piston Dia.	Cyl. #1		Cyl. #2		Cyl. #3		Cyl. #4	
Clearance	Cyl. #1	0.0000	Cyl. #2	0.0000	Cyl. #3	0.0000	Cyl. #4	0.0000
Bore Dia.	Cyl. #5		Cyl. #6		Cyl. #7		Cyl. #8	
Piston Dia.	Cyl. #5		Cyl. #6		Cyl. #7		Cyl. #8	
Clearance	Cyl. #5	0.0000	Cyl. #6	0.0000	Cyl. #7	0.0000	Cyl. #8	0.0000
Rod Side Clearance	#1 & #2		#3 & #4		#5 & #6		#7 & #8	

Main and Rod Clearances

	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>	<u>#5</u>
Main Bore dia.					
Main Bearing I.D.					
Main Journal Dia.					
Bearing clearance	0.0000	0.0000	0.0000	0.0000	0.0000

	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>
Rod Bore Dia.				
Rod Bore I.D.				
Rod Journal Dia.				
Bearing clearance	0.0000	0.0000	0.0000	0.0000

	<u>#5</u>	<u>#6</u>	<u>#7</u>	<u>#8</u>
Rod Bore Dia.				
Rod Bore I.D.				
Rod Journal Dia.				
Bearing clearance	0.0000	0.0000	0.0000	0.0000

Lifter Bore Clearances

Lifter Bores Numbered started on number 1 cylinder down. Opposite bank down

	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>
Lifter Bore Dia.				
Lifter Dia.				
Clearance	0.0000	0.0000	0.0000	0.0000

	<u>#5</u>	<u>#6</u>	<u>#7</u>	<u>#8</u>
Lifter Bore Dia.				
Lifter Dia.				
Clearance	0.0000	0.0000	0.0000	0.0000

	<u>#9</u>	<u>#10</u>	<u>#11</u>	<u>#12</u>
Lifter Bore Dia.				
Lifter Dia.				
Clearance	0.0000	0.0000	0.0000	0.0000

	<u>#13</u>	<u>#14</u>	<u>#15</u>	<u>#16</u>
Lifter Bore Dia.				
Lifter Dia.				
Clearance	0.0000	0.0000	0.0000	0.0000

Camshaft Info

Cam P/N:			Cam Grnd #:				MFR:		Type:	
Events timing .020 or .050:									Overlap:	
	Cline	Dur	Open	Close	Lb Area	Lb Lift	Vlv Lift	RAR	Lash	LbSep/Adv
Int:										
Exh:										
Advertised Dur:		Int:		Exh:		Inst @ IVC :				

Cylinder Heads

Brand:	P/N:	Chamber cc:	Int Vol:	Exh Vol:	Mtl:
Flow Int:	Flow Exh:	Int V Mfr:	Int P/N:	Exh V Mfr:	Exh P/N:
Valve Dia Int:	Valve Dia Exh:	Stem Dia:	Int Mtl:	Exh Mtl:	Guide CI Int:
Spring Mfr:	Spring P/N:	Spring Dia:	Inst Hgt:	Coil Bind:	Guide CI Exh:
Ret Mfr:	Ret P/N:	Lock Mfr:	Lock P/N:	Seal P/N:	Cup P/N:

Misc

Timing Chain P/N:		Pan P/N:		Reciprocating Wt.	Rotating Wt.
Oil pump P/N:		Mains TQ:		Rod Sm. End:	
Rocker Arm P/N:		Heads TQ:		Piston:	Rod big end:
Rocker Arm Ratio:				Pin:	Rod Bearings 2ea.:
Lash Cap P/N:				Locks:	Oil:
Pushrod Mfr:				Rings:	
Pushrod Length:				Buttons:	
Pushrod Dia/Wall:				Support rails:	Total BW: