## ENGINE DATA SHEET

THRUST CLEARANCE:

Exact component measurements and clearances are critical in order to build a reliable, powerful engine. Use this form to record component sizes and clearances so your project is a success.

		_		ALL CLEARAN		_	_	
CYLINDER #	-	2	3	4	5	6	7	8
BORE DIAMETER								
PISTON DIAMETER								
CLEARANCE								
CYLINDER #	1	2		EAD CLEARAN 4		6	7	8
HEAD GASKET THICKNESS								
PISTON DECK HEIGHT								
TOTAL CLEARANCE								
VALVE DELIEF DEDTIL				OME VOLUME				
VALVE RELIEF DEPTH								
EXHAUST VALVE								
			MAIN BEARI	NG CLEARANC	E			
JOURNAL #	1	2	3	4	5			
BEARING ID								
JOURNAL OD								(
CLEARANCE								,
FASTENER TORQUE:	INNEF	R:		OUTEF	R:			,
			ROD BEARIN	IG CLEARANCE	E			
JOURNAL #	1	2	3	4	5	6	7	8
BEARING ID			_					
JOURNAL OD								
CLEARANCE								
CRANKSHAFT STROKE								

<sup>•</sup> THREADLOCKERS • ANTI-SEIZE COMPOUND • RTV SILICONE GASKET MAKER • ASSEMBLY LUBE • GASKET DRESSING • CAM LUBE

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CYLINDER #		1		2		3	•	4	5	•	6		7		8	•
END GAP TOP																
SECOND																
OIL																
					;	SIDE CI	.EARAI	NCE								
TOP																
SECOND																
OIL																
ROD #		1		2		ONNEC		RODS 4	5	i	6		7		8	<b>;</b>
WRIST PIN OD																
SMALL END ID																
CLEARANCE																
FASTENER TORQUE:																
ROD #	1+2			3-	<b>+4</b>			5+6 7+8								
SIDE CLEARANCE																
						VALVE										
CYLINDER#				2		VALVE 3	SPRIN			5	6		7		8	<b>;</b>
VALVE	IN	1 EX	IN	EX			SPRIN	GS 1	5		_	EX		EX		EX
VALVE INSTALLED HEIGHT	IN	1 EX	IN	EX		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM	IN	1	IN	EX		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT	IN	1	IN	EX		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM	IN	1	IN	<b>EX</b>		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE	IN	1 EX	IN	<b>EX</b>		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE OPEN PRESSURE	IN	1 EX	IN	<b>EX</b>		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE OPEN PRESSURE COIL BIND	IN	1 EX	IN	<b>EX</b>		3	SPRIN	GS 1	5	i .	_					
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE OPEN PRESSURE COIL BIND PISTON-TO-VALVE	IN	1 EX	IN	<b>EX</b>		EX	IN	GS 1 EX	5 IN	EX	IN	<b>EX</b>	IN	<b>EX</b>	IN	<b>EX</b>
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE OPEN PRESSURE COIL BIND PISTON-TO-VALVE CLEARANCE	IN	1 EX	IN	EX	IN	EX	IN	GS 1	1N	EX  LOBE (	IN	EX	IN	<b>EX</b>	IN	<b>EX</b>
VALVE INSTALLED HEIGHT SHIM SEAT PRESSURE OPEN PRESSURE COIL BIND PISTON-TO-VALVE CLEARANCE GRIND NUMBER:	IN	1 EX	IN	EX	IN	EX	IN	GS 1 EX	5 IN	EX  LOBE C	IN	EX		<b>EX</b>	IN	<b>EX</b>

<sup>•</sup> THREAD SEALANT • DIALECTIC GREASE • HEAD BOLT & WATER JACKET SEALANT • SYNTHETIC ASSEMBLY LUBE • CAM LUBE