

Engine Type Parameters

SERIAL NUMBER

SAMPLE

MODEL NUMBER

08 645 —

DATE

3/13/02

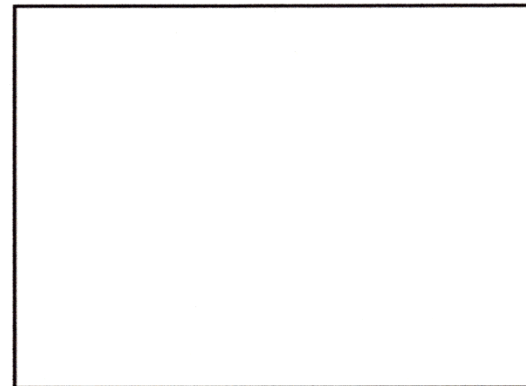
TECHNICIAN

SAMPLE

CONDITION

As Received

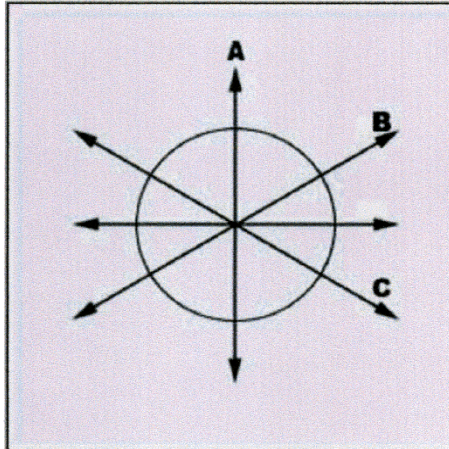
NOTES



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This page is the data cover page. This page allows the operator to enter the Crankcase information before taking readings. The Serial #, Model #, Date, Technician, and Condition of the Crankcase is displayed on this cover page and at the bottom of every additional page. The data is easily entered using the mouse on the system.

DIAMETER SUMMARY



UNITS=INCHES

FRONT

REAR

	A	B	C	A	B	C
1	8.2433	8.2432	8.2431	8.2435	8.2431	8.2433
2	8.2499	8.2482	8.2478	8.2524	8.2500	8.2496
3	8.2529	8.2570	8.2564	8.2532	8.2569	8.2564
4	8.2494	8.2479	8.2474	8.2481	8.2478	8.2477
5	8.2467	8.2463	8.2455	8.2471	8.2458	8.2462

Date

Engine Serial Number

Engine Model Number

Technician

Status Of Engine Block

3/13/02

SAMPLE

08 645 ----

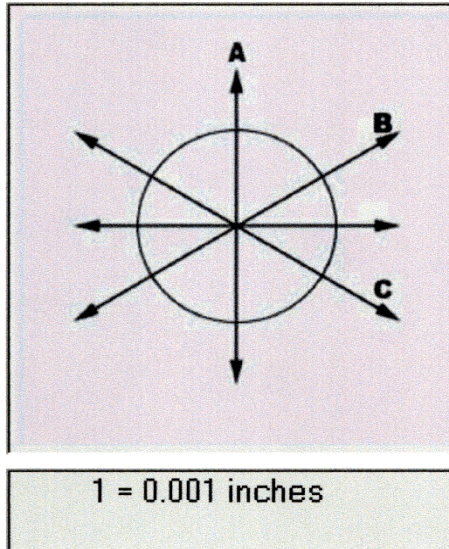
SAMPLE

AS RECEIVED

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This is the Diameter Summary page. The operator is able to take 8 readings with the press of a button. The diameter of each bore is displayed in an easy to read format. If a bore is the correct size it is displayed in BLACK. If a bore is undersize it is displayed in RED. If a bore is oversize it is displayed in BLUE. All of the readings are accurate within .0001".

TAPER/TILT SUMMARY



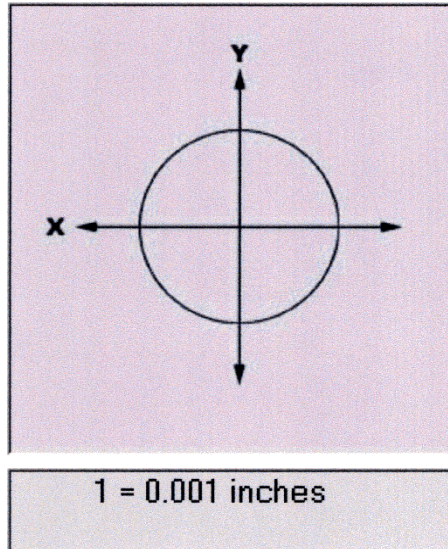
	TAPER		TILT	
	VERT	HORZ	VERT	HORZ
1	0.2	0.0	0.3	0.1
2	2.4	1.8	1.7	0.3
3	0.3	0.0	0.2	0.3
4	1.4	0.1	0.4	0.4
5	0.4	0.1	0.3	1.0

Date	Engine Serial Number	Engine Model Number	Technician	Status Of Engine Block
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This is the Taper/Tilt Summary page. The vertical and horizontal TAPER and TILT of each bore is calculated and displayed. If the value of the reading is greater than .002", it appears in RED.

LASER SUMMARY



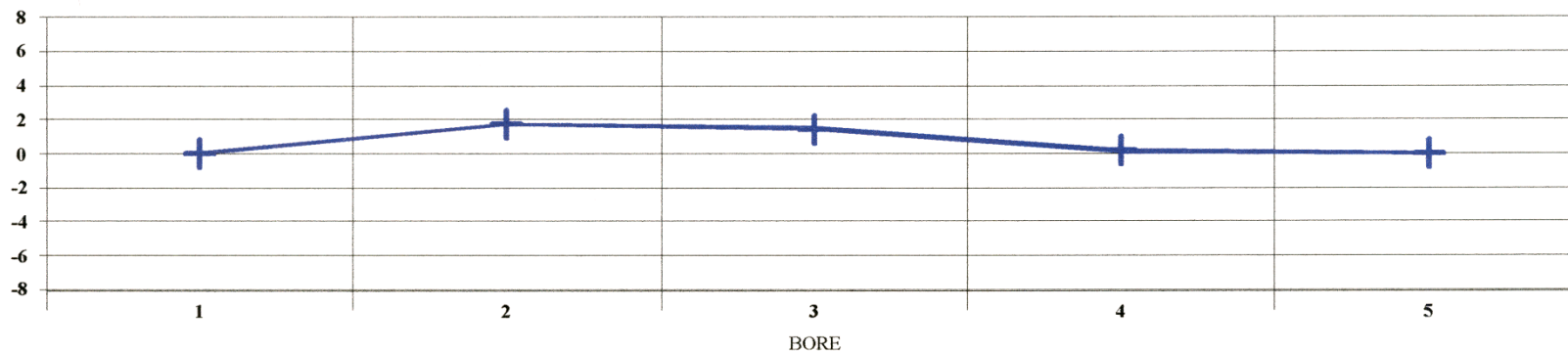
	X	Y
1	0.0	0.0
2	1.7	-6.7
3	1.5	-16.0
4	0.2	-6.7
5	0.0	0.0

Date	Engine Serial Number	Engine Model Number	Technician	Status Of Engine Block
3/13/02	SAMPLE	08 645 ----	SAMPLE	AS RECEIVED

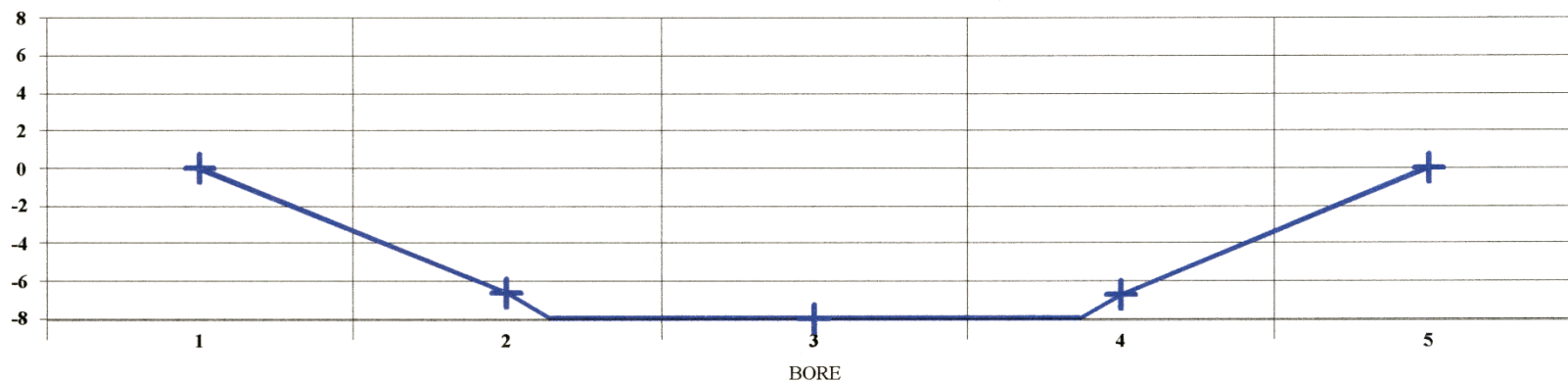
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This is the Laser Summary page. This is the Laser Data only. Each reading is compiled from 200 samples to provide steady and accurate readings. This page displays the Vertical and Horizontal Bow of the Crankcase.

X LASER READINGS



Y LASER READINGS

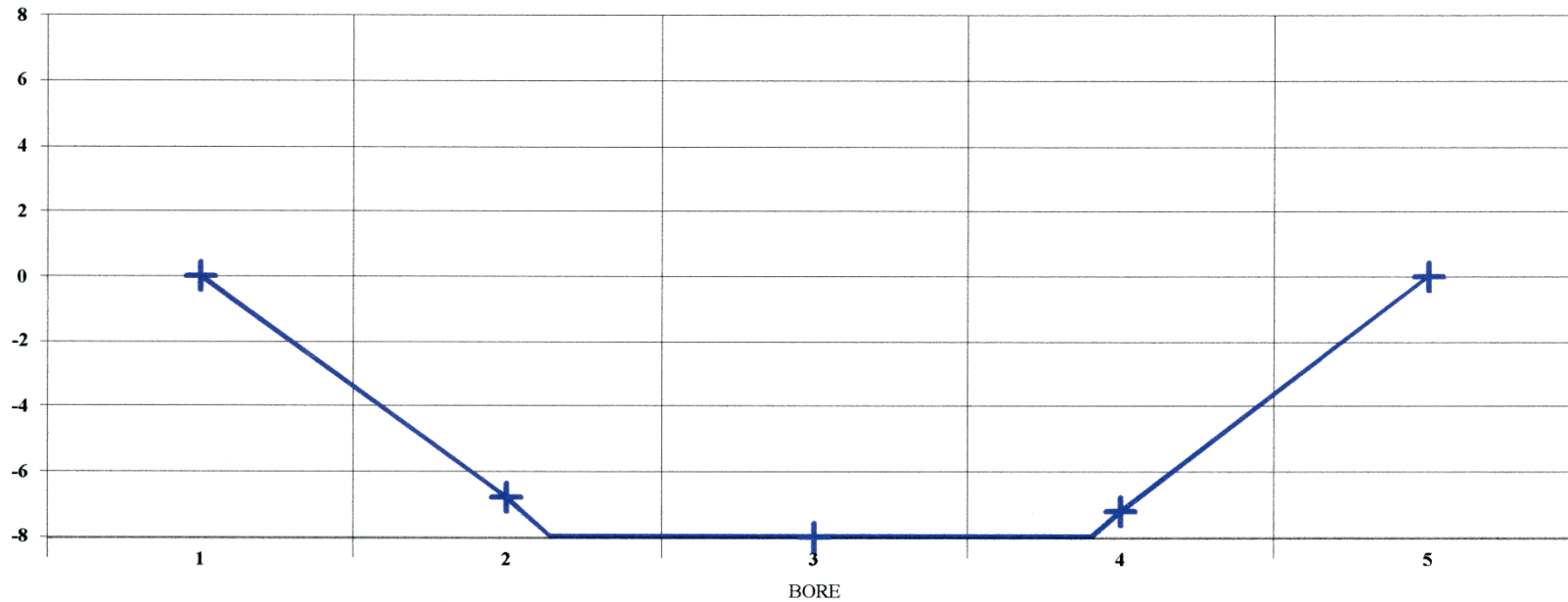


Date	Engine Serial Number	Engine Model Number	Technician	Status Of Engine Block
3/13/02	SAMPLE	08 645 ----	SAMPLE	AS RECEIVED

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This is the Laser Summary Graph page. These graphs clearly display the Laser readings from the Laser data. Data is graphed in .002" increments to show the Vertical and Horizontal bow in the crankcase these graphs match the data on the previous page.

CASELINE LASER READINGS



	1	2	3	4	5
	0.0	-6.8	-15.1	-7.2	0.0
STEP	6.8	8.3	7.9	7.2	

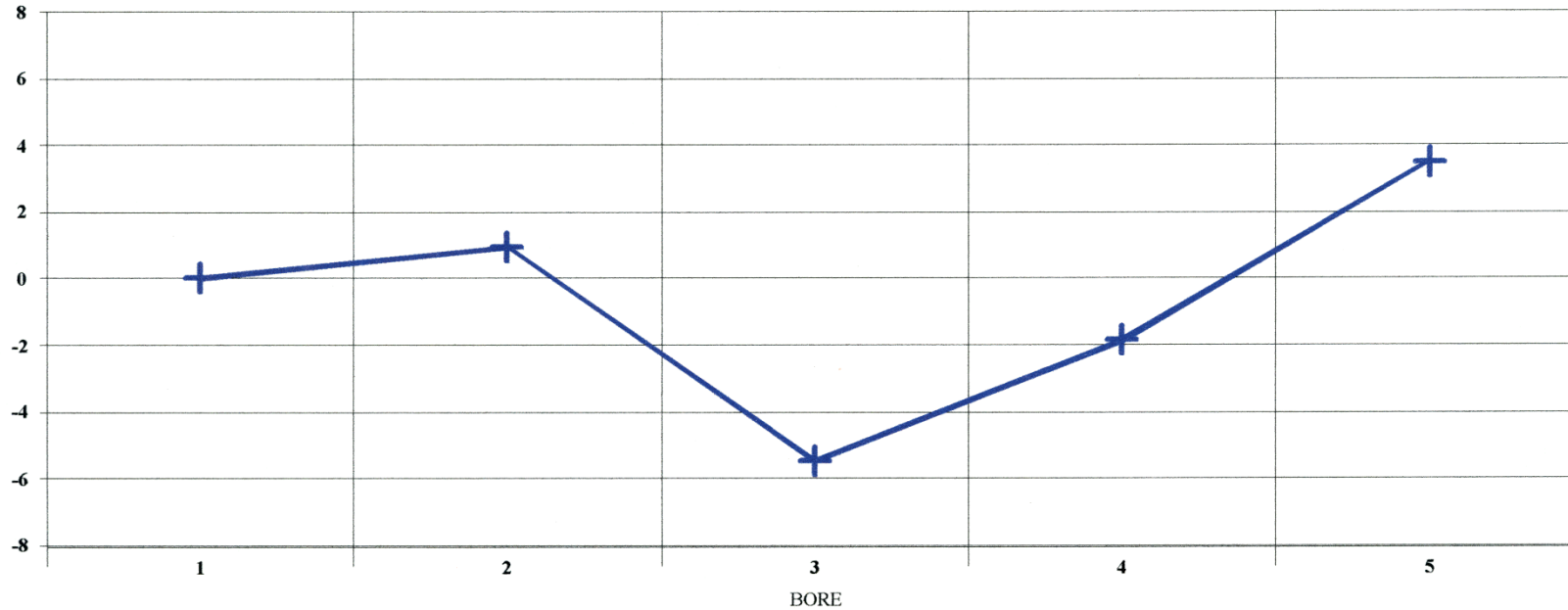
1 = 0.001 inches

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This is the Caseline Readings page. The Caseline is a combination of the Laser readings and the probe readings. This shows the exact Caseline of your crankcase. The step between each bore saddle is calculated and displayed in **RED** if it is out of tolerance.

CAPLINE LASER READINGS



	1	2	3	4	5
	0.0	0.9	-5.5	-1.9	3.5
STEP	0.9	6.4	3.6	5.4	

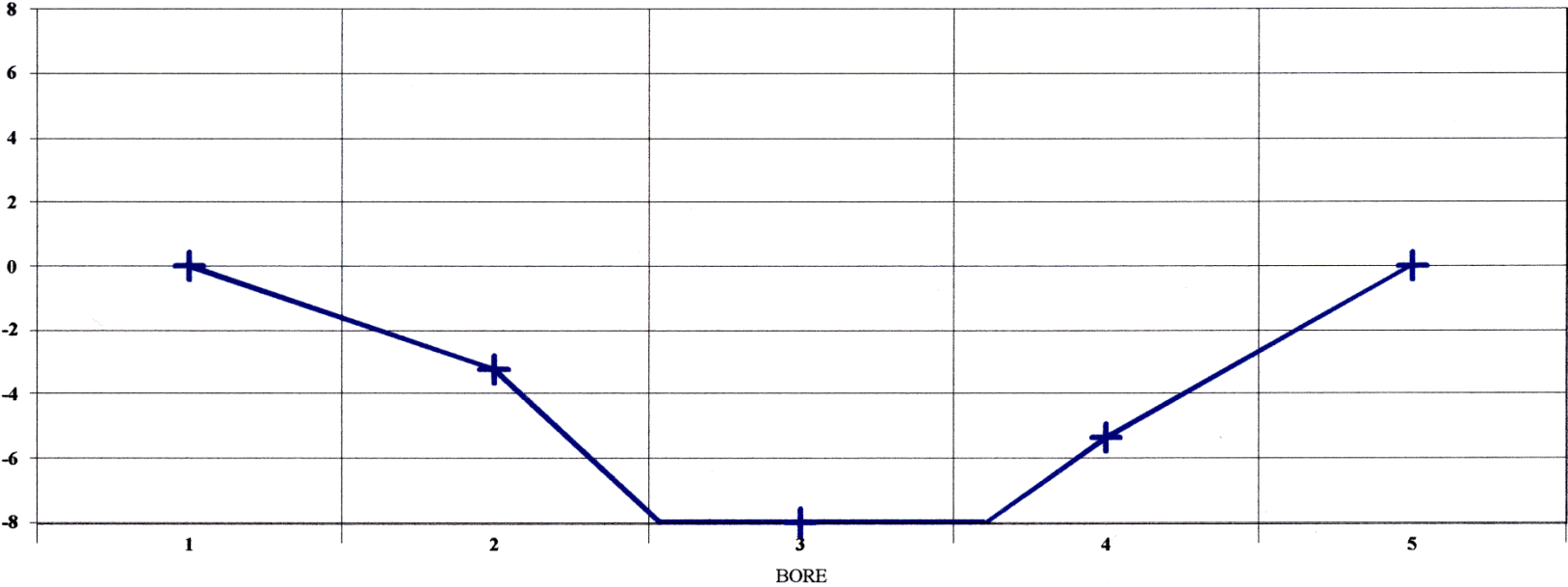
1 = 0.001 inches

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This is the Capline Readings page. The Capline is a combination of the Laser readings and the probe readings. This shows the exact Capline of your crankcase. The step between each bore cap is calculated and displayed in **RED** if it is out of tolerance.

DIAMETER CORRECTED Y LASER READINGS



1	2	3	4	5
0.0	-3.2	-12.0	-5.4	0.0
STEP	3.2	8.8	6.7	5.4

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This is the Diameter Corrected Vertical Laser Readings page. Typically if a Bore is .010" undersize the Laser reading would be .005" too high. This page compensates for varying bore diameters and displays their position. The step between each bore is calculated and displayed in RED if it is out of tolerance.