



GYR

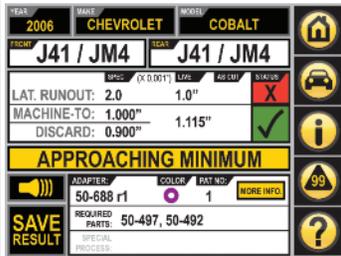
PRO-CUT

ROTOR MATCHING SYSTEMS

Rotor Matching for the Information Age

WHAT IS GYR?

GYR IS A FAST, AUTOMATED ROTOR MATCHING SYSTEM FOR MAKING IN-SPEC BRAKE REPAIRS WHILE CAPTURING ROTOR THICKNESS AND RUNOUT METRICS. PERFORMANCE RESULTS ARE SAVED TO AN ONLINE DATABASE AND MAY BE USED FOR WARRANTY VALIDATION, ENGINEERING STUDIES, ROI CALCULATIONS, OR PRINTED OUT FOR CUSTOMERS.



GYR screen shot

STEPS

1 TECH SCANS VEHICLE

2 VEHICLE INFO LOADED INTO NETBOOK

3 ROTOR MATCHED IN 7-9 MINUTES

4 PERFORMANCE RESULTS AUTOMATICALLY SAVED TO ONLINE DATABASE

GYR TROUBLESHOOTING

ISSUE

LATHE/PC will not communicate. Screen lower left reads "Disconnected." Motor does turn on.

TROUBLESHOOT

Check all wiring connections.

ISSUE

Lathe will not run; computer is on.

TROUBLESHOOT

- 1 Check power cord connections.
- 2 Check shut-off cam.

ISSUE

Scanner will not respond.

TROUBLESHOOT

- 1 Check cable connections.
- 2 Clean vehicle's barcode / windshield.
- 3 Vary barcode scanner distance.
- 4 Approach barcode with scanner at a 30-degree angle.

ISSUE

PC will not print.

TROUBLESHOOT

Check Wi-Fi connectivity. Any network issues should be reported to your internal IT department.

ISSUE

Thickness value of rotor does not change on screen.

TROUBLESHOOT

- 1 Check wire connections on cutting head sensor.
- 2 Check 15-pin connector located on lathe computer for poor connection or damage.
- 3 Unplug lathe for 15 seconds.
- 4 Plug back in to reset connections.

For Tech Support, call 800.543.6618. Press #2 for service.

Learn more at www.procutusa.com



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YEAR	MAKE	MODEL	
2006	CHEVROLET	COBALT	
FRONT	J41 / JM4	REAR	J41 / JM4
SPEC. (X 0.001")			
LAT. RUNOUT:	2.0	1.0"	X
MACHINE-TO:	1.000"	1.115"	✓
DISCARD:	0.900"		
APPROACHING MINIMUM			
ADAPTER:	50-688 r1	COLOR:	1
REQUIRED PARTS:	50-497, 50-492	NOTE INFO	?

GYR screen shot

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GYR CUTTING HEAD SENSOR CALIBRATION

An .8" calibration block is required to perform this procedure.

- 1 Motor must be off but unit plugged in.
- 2 Computer must be on.
- 3 Install fresh unused cutting tips on the cutting arms.
- 4 Select "i" on screen.
- 5 Select "Calibrate lathe."
- 6 Properly place the .8 calibration block between the cutting tips as shown on screen.
- 7 Select "Okay."
- 8 Confirm or press "Yes."
- 9 Select "Home."
- 10 Remove the calibration block from teh cutting arms/tips.
- 11 Adjust cutting arms out 10 thousandths per arm.
- 12 Reposition the 0.800" calibration block between the tips and turn the cutting arms until tips contact the block.
- 13 The correct thickness, .8", should register on the screen.
 - If YES, remove block, clean it and safely store it away.
 - If NO, repeat the procedure. Be sure to use the proper orientation of the block when measuring the cutting tip distance.

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