

NEWS (p.1/2)

FOR IMMEDIATE RELEASE: 9/15/08

FORD EVALUATION OF PRO-CUT PFM 9.2

LDW, Melvindale, MI 8/19/08

Vehicle	Rotor Serviced	Beginning Runout (microns)	Ending Runout (microns)
Ford Focus	FL	200	36
Mercury Milan	FR	200	20
Mercury Milan	FL	96	14
Ford Focus	FL	203	15
Mercury Milan	RR	96	19
Ford Focus	FL	200	20
Mercury Milan	RR	213	16
Ford Focus	FR	110	21
Avg. Runout After Cut:			20.1

25 microns = 0.001"

PRO-CUT SHOWS OFF ACCURACY IN FORD EVALUATION

PFM 9.2 Consistently Delivers Rotors with Run-out Below 0.001"

Brake engineers have determined that many vehicles have far greater sensitivity to rotor run-out than originally understood and, in response to this, have dropped the manufacturer's specifications on allowable run-out significantly in the past five years. In light of this trend, Ford recently re-evaluated their approved on-car brake lathes in order to determine the true accuracy of repairs made in their dealerships. Both Pro-Cut and Hunter lathes were evaluated. Pro-Cut consistently delivered rotors that had less than 0.001" of run-out. The thickness of a human hair is about 0.003."

In order to best simulate real world conditions, the evaluation used old rotors that had been returned for warranty. Rotors were mounted on the hub with either 100 microns (0.004") or 200 microns (0.008") of induced run-out. Lathes were only allowed one pass to eliminate all run-out. Cuts were made on the front and rear of a Ford Focus and Mercury Milan. The tests were conducted by a LDW Associates at their lab in Melvindale, MI.

Ford set a threshold of 50 microns (0.002") for run-out, 100 Ra for surface finish, and 9 microns for thickness variation.

(continued next page)

NEWS, cont. (p.2/2)

PHOTO: PFM.9.2.DRO.JPG ▼



Pro-Cut's latest model — the **PFM 9.2 DRO-Live** On-Car Brake Lathe

The results from cuts made with Pro-Cut's new PFM 9.2 package fell well below the thresholds established by Ford and have confirmed to the industry that Pro-Cut lathes are the only on-car product that can meet and exceed these tightening industry standards. In eight tests the Pro-Cut lathe averages 20 microns — or less than 0.001" — of run-out (25 microns = 0.001"). Thickness variation ranged from 1 to 4 microns.

"Our own tests have long suggested this level of accuracy," said Pro-Cut Product Manager, Geoff Womer, "but it's nice to have an OEM run an independent test with far more accurate measuring equipment to confirm it. OEM's are struggling over how to deal with run-out. These kind of results can give them assurance that there's a simple and accessible solution."

Pro-Cut International is the world leader in on-car brake lathes. The company is located in West Lebanon, NH.

For more information visit www.procutusa.com or contact Geoff Womer @ 800-543-6618, Ext. 124.