

METRO DETROIT METALWORKING CLUB February 2012 Newsletter

Treasury report:

Balance: \$695.10

Contacts:

President: Rick Chownyk

Vice Pres: Emil Cafarelli

Treasurer: Ken Hunt

Next meeting: March 14, 2012
MCCC - 7:00pm

Secretary: Bob Farr

Publisher: John Lee

Webmaster: Steve/Doug Huck

President's message: Greetings all! With the weather warming up and Daylight saving time giving us our hour of sunlight back it seems like Summer is surely on its way back! I have come up empty handed again for a program this month, so don't forget to bring a show and tell, or tip or trick to the meeting! Good company, coffee and doughnuts await! See ya'all Wednesday.
Rick

Rick, wishing he could lift the car and show us his work but proud nonetheless:



Show & Tell: Some time ago Rick Chownyk landed what for many of us would be a dream job: GM's R&D department. His most recent work involved preparation of belly pans for cars headed to the Detroit Auto Show. Here is a picture of

Jim Peters shared the latest progress on his second V8 project. He built a nice display stand for it and finished the water pump:



The exhaust pipes were nicely bent to the usual high standard we've come to see in all of Jim's projects:



Jim also shared a handy tip for those using Apple iPhones. There is a downloadable 'bubble level' application for the phone which is purported to be accurate within 1/10th a degree and is zeroable. The app has a few versions, but all are free by searching for 'bubble' or 'spirit' level at <http://itunes.apple.com>

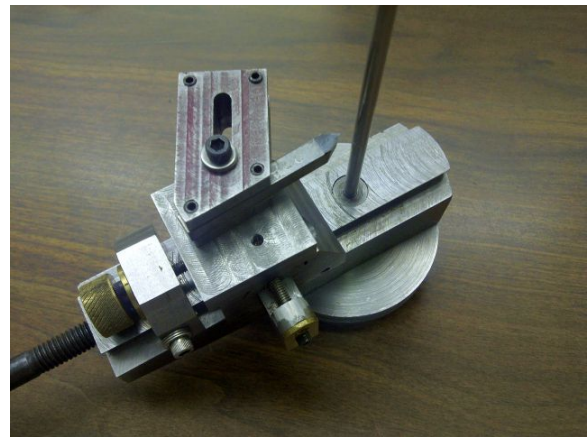
Some discussion also revealed that there may be a vibration application as well. I found a vibration spectrum analyzer

marketed by Defraction Limited Design LLC at Apple's site by searching for 'vibration.' It uses the built-in accelerometers of the iPhone and iPod Touch to identify vibration in three axes. It is only \$5.

Louie Knapp completed a ball turning device designed by Jerry Hollowell:



It mounts to the cross slide and can turn an inside or outside radius:



The device is thumb screw adjustable for cut depth control. It operated very smoothly, no doubt to Louie's fine craftsmanship.

Kevin Thomas brought along the crankshaft of his Panther Pup engine. It was turned from 5/8 bar stock and was nicely detailed:



Kevin also shared a tip for holding painted work to a mill table. Carefully clean the part and table with acetone to remove oil, then use double-faced carpet tape between them. This trick worked for Kevin when he restored the aluminum engine cases of a vintage snowmobile. The cases were completely painted with no masking and then a skim fly-cut was made across the raised 'Polaris' name bosses to remove the paint and leave a nice finish. The part can then be separated from the table with gentle pressure, patience and a touch of acetone wicked into the joint if needed. Thanks for the tip Kevin!

Ted 'Z' (Zillich) recently acquired a high power 4-channel radio controller which he intends to use to in a quad copter project. The machine will be powered by brushless DC motors and is capable of impressive performance. There are no pictures to share yet, but expect to see some interesting stuff from Ted in the near future.

Marc Nowakowski recommended a metal pegboard system made by Wall Control Storage Systems:



The company's website is located at <https://wallcontrol.com>, and they can be contacted toll free at (888) 792-5266. The metal sheets are magnetic and purported to be 10-times stronger than traditional wood pegboard to support heavy loads. Their products are made in Tucker, Georgia from 70% recycled metal, and are non-flammable. Their products are also carried at Sears, Home Depot and Meijer.

Ron Grimes brought a collection his creations: pens, shaving kits, a model shaper and a model canon.

