



PLANETARY NEWS

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January 2013 Coach House

Although the temperature outside was cool, 15 Model T Enthusiasts were having a hot time at Tod Wirth's garage, where we were participating in re babbitting of Jim Oliva's main bearings. Jim's engine suffered a broken crankshaft last 4th of July. Jim replaced the engine, but decided to redo the original engine as a spare. The old babbitt from the main caps and engine saddles were removed and cleaned. We found out the any moisture or oil that would remain on the cast iron would cause bubbles under the babbitt after it was poured. The saddle oil holes were plugged with steel wool to help prevent leakage. The main caps were heated in the babbitt pot and then cleaned

with solder flux. The babbitt pot is heated until the babbitt melted at about 750° F. The liquid babbitt in pot has a tendency to develop 'dross' on the surface. This a an oxidation that develops on the surface and needs to removed as it can contaminate the new bearing surface. Paraffin is added to the pot just prior a pour to help control the dross. With the babbitt ready, the engine block is prepared. Tod uses a KRW pouring jig, which lays atop the bearing saddles. Tod also made a couple of pouring funnels to help direct the babbitt into place. The engine block was then heated with the acetylene torch until each saddle was about 350° F. (Go to P 8.)



Tod makes a pour



Broken Crank

Finding that *SQUEEEK!*



1j— Special Coach House --- Babbitting Model T main bearings.

4j— President's Message — Jim speaks to 2013 and some new ideas and events

5j— Model T Coach House — Removing the rear axle of a 1926 TuDor

6j— I did it, So can you! — Finding the pesky noise or squeak!

7j— Club Name Tags — Let your board member know if you are interested

EVERY MONTH

10j— Dairyland Model T University— John Regan presents

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15j— Mayan Brunch — The Pauley's host another excellent brunch in Racine