

GOING PLACES



Web Site

www.modelacolumbus.com

June 2012

Membership meetings are held on the 2nd Thursday of the month at the Sirloin Stockade in Columbus. The meetings are held September through May. The meal will be at 6:00 p.m. with the meeting following at 7:00 p.m.

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President's Corner

While returning from the MARC Membership Meet at Perrysburg in mid-April, my car started getting hot, 190 degrees on the temp gauge. I stopped and added some water. We drove about 40 mph the rest of the way back home. The next day I checked the oil and it was ok. I then checked the compression on my motor. It had 95 lb. psi on each cylinder, and this was ok for a high compression head. I checked the spark plugs and they had a nice gray color. I checked the points and they were at .018. I adjusted them to .020 and adjusted the timing. I started the motor and it ran fair. I took the car out for a test drive, and around 50 mph it started to get hot, 190 degrees on the temp gauge. I drove it back home and noted some steam was coming from the

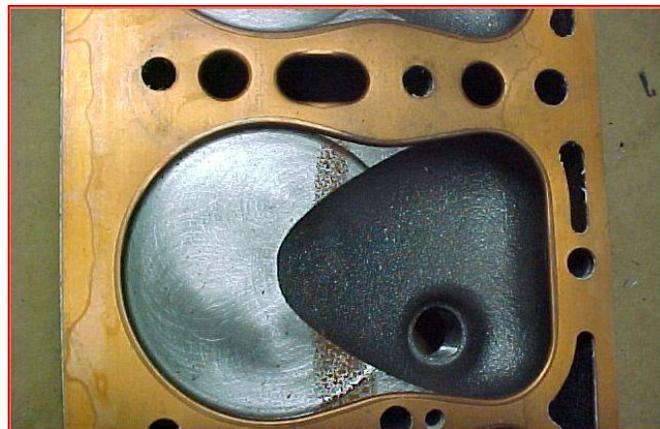
muffler. I drove it into my shop and let Ms. Daisy cool down. I checked the water and it was low. I pulled the spark plugs and the number 2 spark plug was wet. I checked the oil and it was milky. Could I have a cracked block, or blown head gasket? You think of all the worst things until you find the root cause. I bought my motor from ANTIQUE ENGINE REBUILDING, Richard Fallucca. My engine has a .125 oversized cylinder bore, a Snyder 6.1 head, touring grind cam, lighten flywheel and inserted main and rod bearings. When I got the engine from Richard it had the Snyder 5.5:1 high compression head. I changed the head to the Snyder 6.1 head. I put on the new Premium Head Gasket that Snyder recommended. I blew that head gasket last year with about 400 miles on the engine. It blew out

between numbers 3 and 4 cylinder. I replaced the head gasket then, with another Premium Head Gasket. This time I have a little over 5000 miles on the engine. It is just about broken in. I called Richard at Antique Engine and told him what I had done. He asked me whether I had replaced the head and I told him "yes." He said that he thought that I told him at the Indianapolis Swap meet in the fall that I changed the head to a 6.1compression. He asked me if I had planed the head down. I said "no." Richard said he planes all heads down, new, right out of the box. I told him I would look into this when I pull the head.

I fell on my shoulder back in January on ice and damaged my rotator cuff. I called Richard Herbert (Whitey) and asked would he help me because of my shoulder. Whitey came over the next day and we pulled the head. The number 2 cylinder was wet. The head gasket was blown between numbers 2 and 3 cylinders, just like before when the head gasket blew at 400 miles. What should I replace the head gasket with: another Premium Head gasket, a Fel-Pro 7013 copper head gasket or a Fel-Pro 7014 Model B composition head gasket? I called Federal Mogul who manufactures the Fel-Pro head gasket. I talked to an engineer and we talked head gaskets. I told him that I had purchased a Fel-Pro 7013 R-1 for my 1930 Model A pick-up and it has over 60,000 miles on it. I asked him what I should use on my 1929 Town Sedan. He said to use the 7013 R-4 Model A head gasket. I told him that I had a high compression head and oversized piston of .125. He still said to use the 7013 R-4 head gasket. I told him that the 7013 gasket that I put on my 1930 pick-up had an R-1 stamped in it and asked him what the R-1 stood for. He said that the R-1 was an engineering level number. Every time they change something on the gasket they change the engineering level. The engineering level on their gaskets now is at R-4. He said that this gasket will fit all Model A engines with up to .125 oversize bores, and it is the only one that they recommend for the Model A engines. I asked him about the Model B engine gasket and

he said the 7014 Fel-Pro Model B gasket will not work on a Model A engine with a .125 oversize bore and the combustion chambers are not the same size. He said that it might work on Model A engines up to .040 oversize bores but they do not recommend them. They recommend the 7013 R-4 copper head gasket for the Model A. I have a 7014 Model B gasket and when I laid it over the high compression head it covered up some of the combustion chamber. When selecting cylinder head gaskets, it is important that the gasket fit the combustion chamber opening properly, and not hang over or expose the gasket to the combustion gasses when installed.

The picture below shows a 7013 R-1 Fel-Pro head gasket and it is covering part of the Combustion Chamber of this high compression head. This will blow a head gasket if installed on a Model A. The 7013 R-4 gasket fit with clearance all away around the combustion chamber and a .125 oversized piston area (sorry no picture for the 7013 R-4).



The picture below of the Fel-Pro 7014 composition head gasket has the extra 'steam' holes which are located very close to the fire rings (between number 2 and 3 cylinders) and can be difficult to seal for water. Also the Fel-Pro 7014 gasket is designed to fit the Model B head combustion chamber, not the Model A combustion chamber shape per Fel Pro engineering. The head gasket for my engine was

just part of the root cause of a blown head gasket. I have put the Fel-Pro 7013 R-4 copper head gasket back on.



I checked the head for flatness. I took my head off and it had low spot of .005 between numbers 3 and 4 cylinders. I took it to the Machine shop and made sure that it was not clamped too tight on the machine, or in other words, clamped it in position with so much force that it could cause the casting to flex. They took off .005 and then put the head on a CMM (Coordinate Measuring Machine) to check for flatness without being clamped down. It checked within 5 microns (5 μm = .000196"). This is flat. It is recommended by Larry Brumfield that a high compression head on a Model A should be flat within .001 of an inch or less. Larry also likes to see the block equally as flat, with no more than .002 air gap between the block and the head for flatness. I checked the flatness on my block and it was flat within .0015 of an inch. I now have less than .002 of inch flatness.

You must also follow the proper torque sequence and torque specification. I would not torque any head gasket over 60 ft. lbs. Some gasket manufactures recommend not over 50 ft. lbs.

Fel-Pro also recommends Permatex High Tack Gasket Sealant. Follow direction on the container.

The root cause of my blown head gaskets was that the Premium Head Gasket did not fit the combustion chamber opening properly and the head was not flat enough. I had .007 air gap between the block and the head.

I am on the road now and hope to see you all on the road also. Happy motoring.

Board Meeting

There will be no board meeting in June. The next meeting will be on July 19, Thursday, at Ron Lawson's house.

Membership Meeting Minutes

May 2012

The Columbus MARC membership meeting was held on May 12, 2012 at The White Front Café in North Vernon, IN. Forty members were present as well as Terri Moore, a guest of Linda Sullivan. Ron Lawson, President, called the meeting to order

The secretary's report was approved as presented in the monthly newsletter. Phil Sutton, treasurer, gave his report for the month of April.

Beginning balance for April:	\$1,554.00
Income:	3,210.86
Expenses:	646.00
Ending balance:	\$2564.86

Phil also presented a report on our recent Swap Meet. Total profit was \$1,276.36. Ron gave special thanks to Jane Herbert for chairing the kitchen, Larry Morlock for chairing the meet, and also to all of the club members that made donations or helped at the meet.

Special dates and upcoming tours were announced.

Larry Morlock presented driving awards as follows:

2,000 miles: Chris & Janice Ryder and Ron & Susan Lawson.

5,000 miles: Whitey & Jane Herbert
10,000 miles: Ed & Mary Dathe, and Tom Mathis
40,000 miles: Larry & Susan Riss
60,000 miles: Larry & Lois Morlock
75,000 miles: Phil & Marge Sutton
105,000 miles: Jack & Linda Sullivan
195,000 miles: Jack & Kathryn Sullivan

Larry Morlock also announced that Susan Riss had received recognition from MARC for the newsletters she submitted to MARC magazine.

Ron thanked Jack and Kathryn Sullivan for hosting the annual Cob Web breakfast and tour. Kathryn Sullivan encouraged club members to attend the Friday night sing at South Boston. Check the tour schedule for more info.

The club voted to meet at the Sirloin Stockade in Columbus beginning in September. The monthly meetings will be on the second Thursday of the month.

The 50/50 raffle of \$21.00 was won by Paul Lyles, Susan Lawson made a motion to adjourn. It was seconded by Wayne Arnholt.

Respectfully submitted,
Nita Bridges, Secretary

Notice: Meeting Place Change

Beginning in September, our membership meetings will be held at the Sirloin Stockade in Columbus, on the 2nd Thursday of the month. Dinner will be at 6pm with the meeting to follow at 7pm.

Reminder for Tour Leaders:

If you are a tour leader, we **need the information for the tour by the time of the monthly board meeting** or deadline date. That will be June 16 for tours in July. You can send this information by e-mail, regular mail or phone, to Susan Riss. Thanks!

Tours

June 2, Saturday

Young Eagles

(Morlock)

Anyone interested in providing Model A rides to young kids, meet at the Columbus Airport terminal building at 8:00 am. The kids are given a free airplane ride and really enjoy the Model A rides as well. We will be finished by noon.

June 3, Sunday

Lawrenceburg Flea Market

(Bridges)

Meet at 9:00 a.m. at the McDonalds in Seymour at the junction of 31 and 50. We will leave shortly thereafter and pick up anyone at N. Vernon. We will eat lunch after checking out the flea market.

June 9, Saturday

Clay City Pottery Festival

This event is on your own. For more information, visit: <http://www.claycitypottery.com/pottery-festival.html>

June 9-17

MARC Meet – Oshkosh

(Sutton)

If you plan on going on this tour, contact the tour leader for information.

June 16-22

MAFCA Meet – Marquette Michigan

(Sutton)

Contact the tour leader if you are interested in this trip.

June 17, Sunday

Happy Father's Day!

Jun 22-29

Lake Superior Canada Tour

(Sullivan, Sr.)

Please call the tour leader for more information if you are interested in this trip.

June 23, Saturday

Brown County Studio and Garden Tour

(Riss, Schmelz)

We are sorry, but we are unable to lead the tour this year. However, we highly recommend this event. If you are interested, visit this website for more information:

<http://www.browncountystudiotour.com/>

July 7, Saturday

Young Eagles

(Morlock)

Anyone interested in providing Model A rides to young kids, meet at the Columbus Airport terminal building at 8:00 am. The kids are given a free airplane ride and really enjoy the Model A rides as well. We will be finished by noon.

July 14, Saturday

Picnic at Brown County Park

(Alexander)

Due to the space available, this is a Columbus Region member's only event.

If you are coming from Columbus, meet at West Hill shopping center at 12 noon.

We are planning for dinner to be around 1 pm. at the Walnut Shelter House in Brown County State Park.

Ask at the entry gate for the directions to the shelter or follow the signs. Plan to arrive between 12:30 and 1:00.

Bring a covered dish-- either side dish or dessert.

You might also want to bring folding chairs for the lawn.

Meat, ice and pop will be provided.

If you are planning to attend, be sure to call Gerald Alexander at 812-988-6949, so we know

how much food to get. We wouldn't want to come up short!!

Club History – 1993

The following officers of the Columbus Region were elected for 1993:

President – Wayne Arnholt

Vice President – Phil Slusser

Secretary – Ronnie Lawson

Treasurer – Larry Morlock

Directors – Gary Lawless, Ed Morley,
Larry Riss

There were 53 families who were members in 1992. New members were Evandro Fullin, Harold Mix and Tom Bruce.

Tours for 1993 included a scavenger hunt led by Jack & Linda Sullivan and Larry & Lois Morlock; a fall foliage tour of Washington County led by Jack & Kathryn Sullivan and Billy & Sinda Sergent; the Columbus Ethnic Expo parade led by Tom Mathis and Larry & Susan Riss, and the Hope Heritage Parade led by the Morleys. Our Labor Day trip was to Rockville, where we toured all the Parke County covered bridges, Turkey Run State Park and all the many flea markets for that weekend. Hosts were Suttons, Sullivans and Morlocks.

The National Meet was held in Winston-Salem, NC. Fourteen cars went from our club:

Bob Burns & Irene Sorrells

Ralph & Maryleen Collins

Whitey & Jane Herbert

Ron & Carmen Huddleston

Gary & Connie Lawless

Tom Mathis

Frank & Jane Morley

Lloyd & Edna Morley

Larry & Lois Morlock

Lee & Marge Shick

Claire Sipes & Lee Sipes

Phil & Rosemary Slusser

Cleo & Norma Sparks

Phil & Kathy Sutton

Our 30th annual Swap Meet was held on Oct 17 at the 4-H Fairgrounds. Chairpersons were Gary & Connie Lawless.

The Christmas party was held at the Broadacres Restaurant in North Vernon. Hosts were Connie & Gary Lawless, Susan & Larry Riss, Duke & Linda Mathis and Tom Mathis.

Long-time member Marcella Verbarg, wife of Bob Verbarg, passed away.

Message from the Webmaster

I've been updating the website, so take a look from time-to-time.

Take a look at the pictures from this year's swap meet. Thanks to Larry Morlock for taking pictures of this most successful ever event!

