M.S.R.A

Montana Street Rod Association • 42nd Year

www.montanasra.org

OFFICERS

ELIZABETH SCHOLL

President PO Box 1275 Livingston, MT 59047 Ph. (406) 579-2296 escholl@ecolibrium.com

CONNIE McCORMICK

Vice President 60 Triple Tree Road Bozeman, MT 59715 Ph. (406) 580-3945 connie.mccormick@bsd7.org

JUDY SORG

Secretary 307 E. Granite Ave. Bozeman MT 59718 Ph. (406)582-7572 jasorg@hotmail.com

STEVE SORG

Treasurer 307 E. Granite Ave. Bozeman MT 59718 Ph. (406)599-9618 sorg1932@gmail.com

NEWSLETTER

Barb Salerno 1104 13th St. W. Havre, MT 59501 Ph. (406) 265-3163 gitgo@bresnan.net

WEBSITE

Steve Sorg 307 E. Granite Ave. Bozeman, MT 59718 Ph. (406) 599-9618 sorg1932@gmail.com

BOARD OF DIRECTORS:

Elizabeth Scholl - President Roger Boom- Vice President Steve Sorg - Treasure Judy Sorg - Secretary Bob Degenhardt - Past President Steve Sorg - Past President Max Cederburg - Member at Large Gary Taylor - Business Sponsor Rep Roger Mudd - Member Club Rep

NEWSLETTER

May, 2016

NSRA MONTANA REPS: Open - Eastern MT Rep Tony Patrick - Western MT Rep

MONTANA SAFETY REP Tommy Taylor



Prez Sez...

Dear MSRA Friends!

We are off to a great year thanks to the organization and good work of our past executive committee members. Hats off to them for a job well done!

We kicked off this year with a great meeting in Livingston followed by 2 local shop tours. We also gave three MSRA Rod and Custom Scholarships \$1,000 scholarships to deserving students in Montana. Look for their personal stories in the upcoming newsletters.

Our board's goal for the next two year term is to raise more money for our successful Rod and Custom Scholarship fund. With so many applicants this year and more to come our demand exceeds our funds. Connie McCormick, VP of MSRA, will be heading up our fundraising and we need your good input. Our next meeting is being held again in Butte this year in conjunction with the NSRA appreciation day. Bring your rods in for a check-up, enjoy a fabulous lunch provided by Pioneer Street Rods of Butte and join us for the MSRA meeting at noon and weigh in!

I look forward to visiting with each of you at various car shows this summer. And a sincere thank you for your support of the Rod and Custom Scholarship program through MSRA!

Elizabeth Schuyler Scholl

The next meeting will be held Saturday, May 7, 2016 at:

Highlands College automotive shop Butte, MT

Membership Meeting at 12:00 pm

New Members & Ideas Welcome

Meeting Minutes

February 6, 2016 Livingston, MT

Minutes of the February 6, 2016 Meeting Montana Street Rod Association

The February 6, 2016 meeting of the Montana Street Rod Association was called to order by President Bob Degenhardt at 10:00 AM in a meeting room of the Livingston, Montana Public Library.

The membership book was passed around. Twenty-one members were in attendance. There were no guests, new members or sponsors.

A motion was made by Judy Sorg and seconded by Roger Boom to dispense with the reading of the minutes of the previous meeting and to accept them as printed in the newsletter. The motion passed.

Marilyn Patrick, Secretary, reported that membership renewal letters have been sent out. Scholarship donation letters have been sent to those folks who had contributed to the scholarship fund in the last year. There was no correspondence to be read.

Bob Degenhardt gave the financial report in place of Greg Staples who was not in attendance at the meeting. For details, see the report as printed in the newsletter. A motion was made by Steve Sorg and seconded by Gary Taylor to accept the treasurer's report as presented. The motion passed.

Roger Boom reported on the membership renewals received so far this year. He reported that 21 business sponsors had paid for 2016; 6 car clubs had renewed; and 38 members were paid for 2016.

Steve Sorg gave the Scholarship Committee report. At the last meeting the method of distributing the scholarship funds was changed. Any two-year student in the University system is eligible for our scholarships. Applications were sent to all two-year schools in the State. Eight applications were received – 3 from Helena College; 1 from Highlands College of Montana Tech; 1 from Miles City Community College; 2 from Flathead Valley Community College and 1 from City College in Billings. Three applicants were selected. They are Bruce Bradley from Highlands College, Jacob Gibby from Miles City Community College and Molly Whitewater-Stroup from Flathead Valley Community College.

Gary Taylor asked who was on the committee. Bob shared the names of the committee members. Steve reported that he consulted with Elizabeth Scholl and Bob on the scholarship recipients. Buck Copenhaver asked about the status on four-year students as they pertained to the scholarship program.

Bob talked about the meeting with representatives of the various financial air directors from the various schools. They were encouraged to focus on the two-year programs. Bob and Elizabeth will represent MSRA at a meeting in April, 2016 to present the MSRA scholarship program.

It was reported that \$1,000.00 from the Helena Valley Timing Association was in the mail and will be put in the scholarship fund. \$500.00 was hopefully expected from the Havre group. Steve and Elizabeth said that in the next newsletter there will be letters, projects and interviews from the current scholarship winners.

Under old business the nominations for "Rodder of the Year" were reported to be Terry and Jerry Oksa and Gary Taylor. Bob Bradley made a motion to close the nominations. The motion was seconded by Dwight Wade. The motion passed. Ballots were passed out to the voting members. Roger Boom and Marilyn Patrick counted the ballots. Terry and Jerry Oksa received the majority of the votes and are the recipients of the honor this year.

Election of officers was the next order of business. Nominations for officers are Elizabeth School for President, Roger Mudd for Vice-President, Judy Sorg for Secretary and Steve Sorg for Treasurer. Bob reported that Roger Mudd had declined the nomination. Nominations were opened up and Connie McCormick was nominated for Vice-President by Elizabeth School. Gary Taylor made a motion that the nominations be closed and that the vote be accepted by acclamation. Dwight Wade seconded the motion. The motion passed.

Under new business, Doug Strong made a motion to pay the bills of the association within the established 2016 budget. Bob Stredwick seconded the motion. The motion passed.

The next regular meeting of MSRA will be held in Butte in conjunction with the NSRA Appreciation Day and Safety Inspections. It will be held at Highlands College on Saturday, May 7, 2016. Tony Patrick will set this up with the Pioneer Street Rod Association hosting the event.

Under announcements, the 9th Annual Windbreaker Swap Meet will be on Saturday, March 5, 16 in Livingston, Montana at the fairgrounds. The Hi Line Cruzin' Association's car show will be June 10-12, 2016 in Havre and will feature a rock-a-billy theme.

The Livingston Wheels show will be on Main Street on Saturday, June 4, 2016.

Terry Oksa reported that the Yellowstone Rod Run will continue with a new group taking on the task of putting it on. There will be some changes but should be right on schedule with the dates being August 6-8, 2016. There could be a change of the date next year.

Elizabeth School announced that after lunch there would be a couple of shop tours. The first will be at Montana Hot Rods and then a quick drive to the Degenhardt shop. 12:30 is the scheduled time for Montana Hot Rods.

A motion to adjourn was made by Judy Sorg and seconded by Doug Strong. The motion passed.

Submitted by:

Marilyn Patrick

Board of Directors Meeting Minutes

February 6, 2016 Livingston, MT

Minutes of the Board of Directors Montana Street Rod Association February 6, 2016

The February 6, 2016 Board of Directors meeting of the Montana Street Rod Association was held in Livingston, Montana at the Public Library. The meeting was called to order by President, Bob Degenhardt at 9:30 AM.

Members present were Bob Degenhardt, Marilyn Patrick, Steve Sorg, Gary Taylor, Dwight Wade and Roger Boom. Absent were Greg Staples, Max Cederberg and Roger Mudd.

Bob distributed the Financial Report as of 12/31/16.

There was a discussion about giving out the scholarships at an earlier date, possibly right after the Fall meeting, in order that the checks would clear the bank before the year end.

There will be a meeting of the Financial Air Directors of the University System. It will be good for these folks to see the people involved in the MSRA Scholarship Program.

Bob asked if there were any questions regarding the financial statement. Gary Taylor made a motion to accept the financial statement as written. Dwight Wade seconded the motion. The motion passed.

There was a discussion regarding the drag plates. Should the organization keep them, along with the can koozies, or discontinue them. It was asked if any person, member or non-member of MSRA, could display one of the drag plates. The concensus was to sell the drag plates for \$25.00 for members and \$40.00 for non-members.

Bob spoke regarding the purpose of this meeting and that it was to protect the members if there was an audit of the organization's financial records.

The meeting concluded at 9:45 AM.

Submitted by:

Marilyn Patrick Secretary, MSRA

"Growing up as a kid one of the highlights of my summer was attending the many car shows throughout the Flathead Valley with my Father. I have always appreciated the level of dedication and craftsmanship displayed in the cars and trucks at the shows. These car shows were the key inspiration for me to begin the restoration of my grandfather's 1966 Chevy C10 pickup, a pickup that has been in the family since it was new and passed down to me. At the current stage in the restoration I have reassembled the chassis after powder coating the frame. I have installed front drop spindles with disk brake conversion, converted to power steering, relocated the fuel tank to the rear frame, and replaced the rear suspension with bags. In attempt to keep the truck "somewhat" original, I decided to keep the original 283 and recently had the machine work done by Bradford's Balance and Machine in Kalispell. Over the holiday break I plan on finishing the assembly of the motor with the help of a friend in trade for some welding work I completed on his '54 Ford Skyliner. With the completion of the motor, I will move onto the body work as time and money allows, but with the hopes of completing the project before this summer." Kearney Holst, MSRA Rod and Custom Scholarship applicant, Flathead Valley Community College, Associate of Science Degree in Engineering.

MSRA Treasurer's Report as of 4/28/16

Montana Street Rod Association

Treasurer's report		A	s of As of 4/28/201
Cash in Bank: General fund: \$5696.09	* Scholarship Fund: \$	5203.85* Total: \$1	0,899.94
	General	Scholarship	
Income YTD:	\$900.00	\$	459.00
MEMBERSHIPS	\$275.00		
BUSINESS SPONSORS	\$500.00		
CAR CLUB MEMBERSHIPS	\$100.00		
LICENSE PLATES	\$25.00		
PATCHES	\$		
SCHOLARSHIP MERCHANDISE			
Expense YTD	\$478.36	\$	3,000.00
PRINTING			
POSTAGE	\$92.42		
PLAQUES	\$17.00		
EVENT WALLET CARDS	\$ -		
LICENSE PLATES	\$ -		
PATCHES	\$ -		
MISCELLANEOUS	\$368.94		
WEB SITE	\$ -		
ACCOUNTING	\$ -		
STATE REGISTRATION	\$ -		
TRANSFER TO SCHOLARSHIP FUND			

*note: pending bank to bank transfer of \$459 received scholarship deposited to general fund to date

Expense Transaction Detail:							
CK#	Date	Pay To:	Expense	Amount			
3075	2/05/16	Tony Patrick	Jan Newsletter postage	45.67			
3076	2/26/16	Ryan's Trophies	2014 SRoY Plaque	17.00			
3078	4/11/16	J. Sorg	toner for MSRA printer	323.97			
3079	4/24/16	J. Sorg	envelopes, paper, stamps	91.72			
		_					

"I have a strong desire for working on older vehicles form 1930-1985 before OBD II. Working on old vehicles to make them come alive again is my favorite thing to do. I am currently restoring a 1948 five window Chevy truck that has thrown me many challenges. The truck is coming along but not as smooth as I imagined. I have had to do some custom work for mounting the shocks and making it look sharp. The best part about working on it is coming up with your own ideas to make everything work and last for miles to come." Jacob W. Gibby, MSRA Rod and Custom Scholarship winner, Miles Community College, Automotive.



APPRECIATION DAY & SAFETY INSPECTION MAY 7, 2016 HIGHLANDS COLLEGE BUTTE, MONTANA 10am TO 2pm

Contact: Tony Patrick 494-6033 Tom Taylor 490-2384 MSRA Meeting @12pm

Popular Automotive Math Formulas and Conversions

RPM = MPH X Gear Ratio X 336 divided by Tire Diameter (inches)

Rolling diameter of a tire differs from standard diameter. Measure rolling diameter by marking rear tire and ground with chalk and driving car forward one tire revolution. Divide measurement by Pi (3.1416)

MPH = RPM X Tire Diameter (inches) divided by Overall Gear Ratio X 336

To convert from:

- Miles to Kilometers, Multiply by 1.609344
- Liters to Cubic Inches, Multiply by 61.023744
- Inches to Millimeters, Multiply by 54.4
- Millimeters to Inches, Multiply by .0393701

Displacement: (cubic inches) = Bore (inches) Squared X Stroke (inches) Xnumber of Cylinders X .7854

Displacement: (cubic inches) = Pi (3.1416) X Rdius of Bore Squared X Number of Cylinders X Stroke (inches)

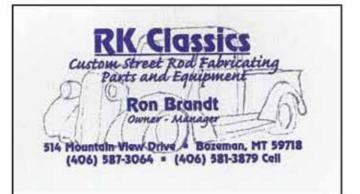
Rear End Ratio = Flywheel Turns X 2 divided by Rear Wheel Turns

Jack only one rear wheel off the ground and shift transmission into high. Formula applies only to standard three-speed transmission that has high gear as a straight through drive. If car has overdrive, lock it out. Rotate wheel one full turn and count flywheel turns to the fraction.

Transmission Ratio = Flywheel Turns X 2 divided by Rear Wheel Turns X Rear End Ratio Shift transmission into either first, second or high gear with overdrive, depending on which gear ratio you want to find. Follow procedure for "Rear End Ratio" formula above.

"As a more recent car and truck enthusiast, customizing cars and trucks has become a passion. Making cars better, faster and stronger is more of a need than a want for me. Starting small, I have begun to build my Mazda up. Along with this, I have been helping and interning at Lady Like Performance. Being able to learn under a new performance shop is an extraordinary opportunity. Ashely Mae (owner) has taught me an innumerable amount of things about cars and trucks alike. Although new to this hobby and passion, I know it will be a continual need to learn more about building vehicles." Molly Whitewater Stroupe, 2015 MSRA Rod and Custom Scholarship winner, Flathead Community College, AAS Accounting, Small Business Management, Business Administration.





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Speed Potential Calculator for Ring Gear and Pinion Changes

This calculator is designed to give the potential speed values of a vehicle, based on the RPM of the engine, the ring gear and pinion gear ratio, the final transmission gear ratio and the tire diameter, ground to top of tire as mounted.

The default values are for a typical V8 small block Chevrolet vehicle, however you may enter any value you wish. The default values yield a highway cruise speed of about 65 MPH. The higher the RGP ratio, the lower the top end speed but faster acceleration and more pulling power. The same is true of the transmission final gear ratio. The higher the engine RPM, the greater the potential speed at the cost of fuel, heat, friction and engine longevity. Although there is a point of diminishing returns, the larger the tire diameter, the higher the potential speed.

Potential Speed Theory Speed Factors Required Data Ent	rv	
Target Engine RPM	2500	0000 RPM
Ring Gear And Pinion Ratio (3.08, 3.55, etc.)		0.00
Transmission Final Gear Ratio (2.54, 1.43, 1.00, etc.) Tire Diameter (24.5, 26, 27.5, etc.)		0.0000.0 Inches
Calculated Results		
Calculated Potential Speed Your Ring Gear And Pinion	0	MPH
Calculated Potential Speed For RGP Ratio Of 2.59	0	MPH
Calculated Potential Speed For RGP Ratio Of 2.73	0	MPH
Calculated Potential Speed For RGP Ratio Of 3.08	0	MPH
Calculated Potential Speed For RGP Ratio Of 3.36	0	MPH
Calculated Potential Speed For RGP Ratio Of 3.55	0	MPH
Calculated Potential Speed For RGP Ratio Of 3.70	0	MPH
Calculated Potential Speed For RGP Ratio Of 4.11	0	MPH
Calculated Potential Speed For RGP Ratio Of 4.56	0	MPH
Calculated Potential Speed For RGP Ratio Of 4.88	0	MPH
Calculated Potential Speed For RGP Ratio Of 5.12	0	MPH



HI-LINE CRUZ'N ASSOCIATION 30TH ANNUAL ROD RUN JUNE 10, 11TH &

12TH, 2016

"ROCKABILLY"

HAVRE, MT

ALL EVENTS WILL BE HELD AT THE GREAT NORTHERN FAIRGROUNDS

AGENDA

Friday, June 10th

 Registration:
 5 pm - 9 pm

 Eats:
 6:30 pm-7:30 pm

Saturday, June 11th

Registration: 9 am – 1 pm Show 'N Shine: 11 am – 2 pm Poker Run: 2 pm – 4 pm Pitch Fork Fondue 6 pm until ??? Awards & Dancing to "Blind Luck" at the Activity Building

PRICES

Before June 1, 2015

\$45 per Couple (US FUNDS)
\$35 per Single (US FUNDS)
\$50 per Family (US FUNDS)
*Family includes 2 adults and any children under 21. Age 21 and older are considered adults and pay the \$35

After June 1, 2016

\$50 per Couple (US FUNDS) \$40 per Single (US FUNDS) \$55 per Family (US FUNDS)

NO REGISTRATIONS WILL BE ACCEPTED AFTER 1 PM SATURDAY! YOU WILL NOT BE ADMITTED TO THE EVENING DINNER IF YOU WERE NOT REGISTERED BY 1 PM SATURDAY!

PLEASE DO NOT ASK!

ROOMS HAVE BEEN BLOCKED under Hi-Line Cruz'n Rod Run at all of the listed hotels. <u>IT IS</u> <u>IMPARATIVE THAT YOU CALL AND MAKE RESERVATIONS BEFORE MAY 15th, 2016 AS THAT IS</u> <u>THE DATE THE HOTELS REMOVE THE IR BLOCKS.</u>

Super 8 Hotel – (Ph. 406-265-1411) 15 single queen rooms for \$74.18 per night. No doubles available. Townhouse Inn – (Ph. 406-265-6711) 20 double queen rooms for \$80 plus tax per night. AmericInn Lodge – (Ph. 406-395-5000) 10 double queen rooms for \$104.71 per night plus tax. 4 single queen rooms for \$95.91 per night plus tax.

2 single king rooms for \$104.71 per night plus tax.

Best Western Plus Havre Inn & Suites - (Ph. 406-265-2888) 10 king rooms for \$113.39 plus tax per night

10 queen bed size rooms for \$122.39 plus tax per night

Great Northern Inn – (Ph. 406-265-4200) 10 single queen rooms for \$86.39 plus tax per night. 10 king rooms for \$108.89 plus tax per night

For more information, contact Barb Salerno at 406-265-3163 or <u>gitgo@bresnan.net</u> or Kirsti Cederberg at 406-379-2387 or maxc@ttc-cmc.net

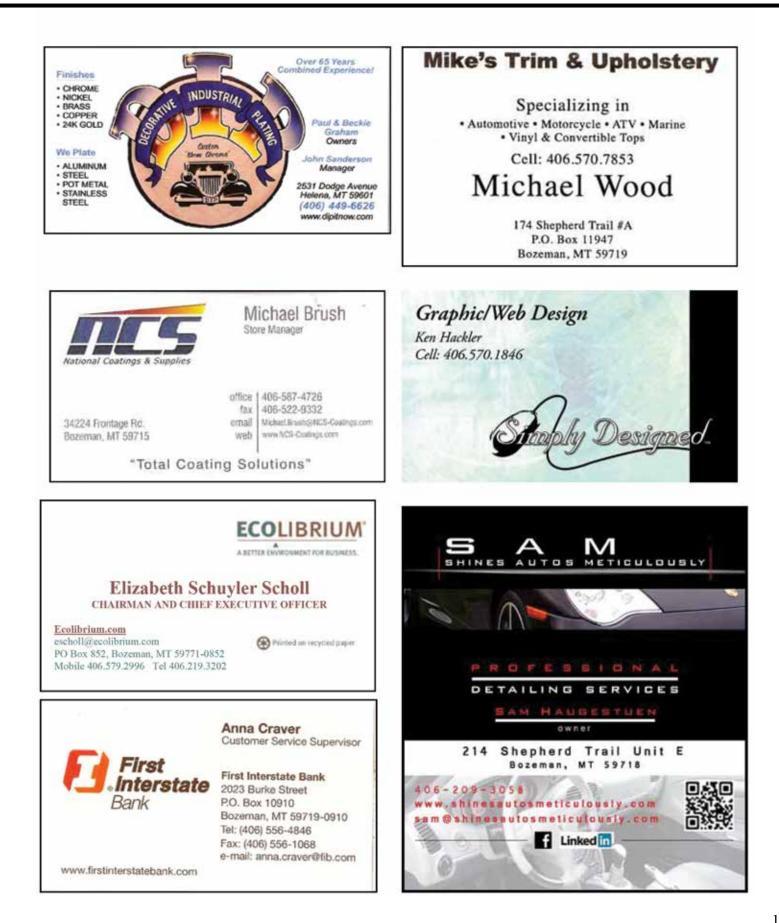
HI-LINE CRUZ'N ASSOCIATION 30TH ANNUAL ROD RUN

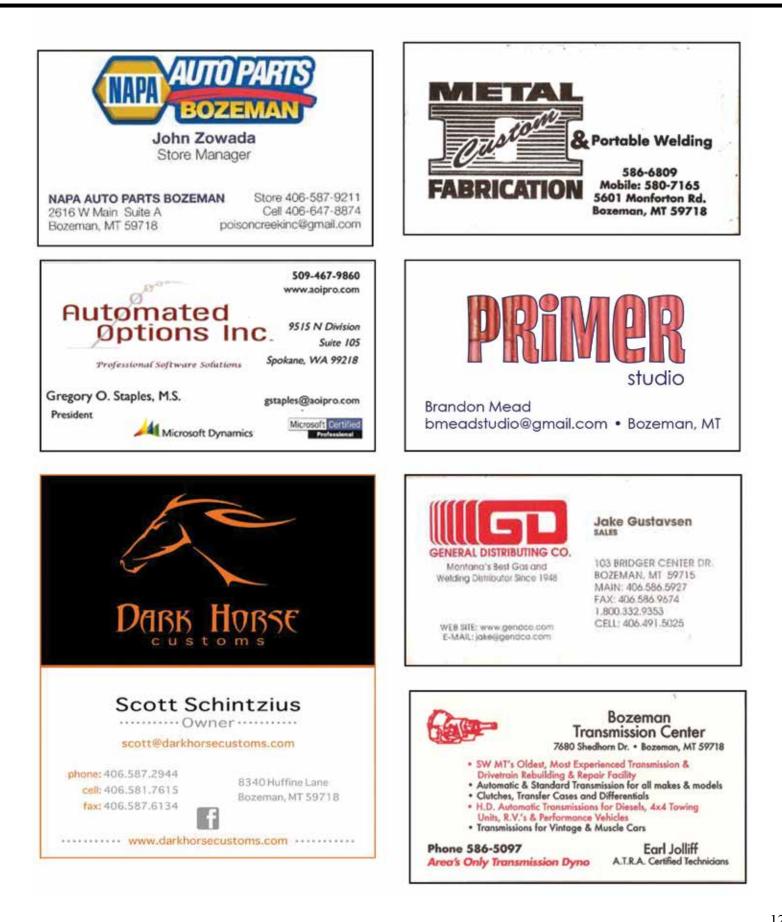
Please Return this Application to the Address Below

NAME	#	^t in Party		
ADDRESS				
CITY	STATE			
ZIP CODE	EMAIL:			
YEAR OF VEHICLE	MAKE			
MODEL				
PLEASE MAKE CHECKS PAYABLE TO : HI-LINE CRUZ'N SEND TO: PO BOX 98, HAVRE, MT 59501				
Signature				

Date

For more information, contact Barb Salerno at 406-265-3163 or <u>gitgo@bresnan.net</u> or Kirsti Cederberg at 406-379-2387 or maxc@ttc-cmc.net





MSRA Business Sponsors

MSRA MEMBERSHIPS FOR CAR CLUBS ARE AVAILABLE

\$25 PER YEAR

BENEFITS:

- You can have your rod run registration/advertisement printed in the newsletter that goes out to 120 memberships.
- You can advertise any club fundraisers.
- You can put articles in the newsletter.
- You can advertise "FOR SALE" vehicles, parts, etc. in the newsletter and on the website.
- Your name will appear on the website as a club member.

MSRA BUSINESS SPONSORSHIPS

If you are a business owner and would like to become a business sponsor of MSRA, send your business card or a copy of your ad to:

Montana Street Rod Assocation

PO Box 1423 Bozeman, MT 59771-1423

Cost: \$50 per year

Your fees go toward the MSRA Scholarship Fund

You will receive:

- MSRA Business Sponsorship Plaque
- Advertising in the Newsletter
- > Advertising on the MSRA Website



"Some of my first memories were walking around parking garages in Denver CO at "Show and Shine" events. My Dad, a mechanic at the time and later a tool man, would routinely take me to car shows and to Bandimere Speedway just outside Denver. That was the hotrod portion of the hobby I grew up in, the love of automobiles stems from memories of road trips and family vacations. I remember riding with the family in the Colt Vista, stuffed in the hatch with two other cousins. We would push on the brake light and it would light up (later realizing that my Dad was watching us in the rearview mirror, pushing the brake pedal as we pushed on the light). I remember trips up to Park Lake outside Clancy, MT in my Mom's Ford Torino. The same Torino we watched her drive down Bandimere ¼ mile. We used to laugh at how you could see her clear as day, like a parade celebrity. Whereas, her competitors were blurs as they made up the ground of her massive handicap." John Austin Dorr III, 2015 MSRA Rod and custom Scholarship applicant, Helena College, Automotive.

FOR SALE:

1966 Mercury 4 dr. Montclair, 30- engine with 2 barrel carburetor, rebuilt motor and C6 tranny, brown in color, drive train is good, paint and interior both in very good shape. Odometor: 75,447 miles. \$6000. Call Merlin at 406-265-9381

1966 Mercury 4 dr. Sedan Park Lane Breezeway, 410 Maurder engine with 4 barrel carburetor. Drive train is good, paint and interior is in very good condition. \$10,855. Call Merlin at 406-265-9381.

LOOKING FOR:

1950 original Chev. 4 dr. Call Leo at 406-372-3182



1932 Ford pickup rolling chassis includes: pickup bed; four 15" chrome reverse wheels; original 'K' member and cross members; front fender braces; radiator; headlight bar; and steering box and column with original key in column lock. The torque tube and rear end were chromed in the 1960's Price: \$3500

Wally Hammett, Roundup, MT Phone: 406.323.1695 email: whammett30sotonsra@midrivers.com

> SUPPORT THE BUSINESS SPONSORS THAT SUPPORT MONTANA STREET ROD ASSOCIATION

1938 Dodge Pickup

Can be used for parts or as a project car \$1500

1939 Plymouth Coupe 400 Mopar \$12,000

1965 Plymouth Barracuda \$8500

'30's to '50's Style Gas Pumps Available (will restore)

Call Ron Brandt 406-587-3064

FOR SALE:

Mallory dual-point distributor for SBC, N. 2548201, used one hour (long story) as new in box, \$100.

Ram 11-inch clutch and pressure plate for 26 spline for T-10 or Muncie, never used, \$90.

Copper/Brass AutoCity Classic radiator for 55-56 Chevy car, Harrison clone, for V-8 position, used for 500 miles (another long story), like new, \$175.

Call Mike at 406-763-4732 or douglasfir@ centric.net. Will donate 20% of any sales to the scholarship fund.



Barb Salerno 1104 W. 13th St. Havre, MT 59501

Ph. (406)265-3163

Email: gitgo@bresnan.net



"It is my personal goal to start a career at Boeing or Pioneer Aerostructures and then someday when I have my own shop, start a business. It would be called Beirwagen Motorsports and will be either in Helena or Bozeman. I'll specialize in building custom automobiles that are appealing to the eye and perform with super cars. I would like to have a body shop and machine shop in my business and also have the equipment to chassis dyno and time late model vehicles including diesel's since they're all the rage in Montana. I need to stay in Montana because it's where my family is and I love all the rivers, lakes, mountains and plains." Jacob D. Beirwagen, 2015 MSRA Rod and Custom Scholarship applicant, Helena College, Computer Aided Manufacturing.