



# MMOCC Newsletter – FEBRUARY 2025

*Mid Mo Old Car Club  
PO Box 1594,  
Jefferson City, MO 65102*

## PRESIDENT'S CORNER

Hello my fellow Mid Mo Old Car Club members:

Stop me if you've heard this one...It's probably not safe for me to be driving my car right now. But hey, bad brakes have never stopped me before.



A man was washing his car with his son. His son asks, "why can't you just use a sponge or rag like everyone else?"

I took my car in for a service today. My preacher was not impressed.

But on a more serious note, February 14th was Valentine's Day. This is your friendly reminder that tires and oil changes are not good Valentine's gifts. Chocolates and flowers tend to work better for such occasions.

Our next MMOCC meeting will be on February 27th at Hy Vee. The meeting starts at 6:00 PM. Trooper Chris Winters and his trainee will be there for a presentation. Be sure to come early enough to eat some tasty food. We will also open up the conversation about car show trophies, so please be thinking of possibilities.

### MMOCC SHIRTS:

We have T-shirts in gray and white, collared polo-type shirts, and a humorous T-shirt addition. If your shirt looks dingy, time to upgrade! Shirts available at future meetings and events. \$20 for collared shirts. \$15 for t-shirts. \$10 for hats. Contact Jim Martin at 573-864-4048.

## 2024 Scholarship Winners:



Sophie Baldwin of  
Jefferson City –  
Automotive Tech at  
Missouri State Tech.



Gunner Wilson of  
Iberia – Automotive  
Tech at Missouri State  
Tech.



Gabiella Kempf of  
Jefferson City –  
Automotive Tech at  
Missouri State Tech.



Joel A.C. Cypress of  
Jefferson City –  
Diesel Tech at  
Missouri State Tech.

With many thanks  
to you  
for your kindness.

Dear, MMOCC

I want to thank everyone who contributed to the Scholarship program you guys have. Over my two years of attending State Technical College in Linn, MO your Scholarship has greatly helped with my cost of tuition, tools and whatever else I have needed. I hope you will continue to be able to help more people ~~interested~~ going into the automotive field. Thanks you for all your support throughout these past years.

Sincerely, Sophie Baldwin

EVEN THOUGH  
YOU DIDN'T HAVE TO DO IT,  
YOU DID IT ANYWAY.  
AND IT WAS  
MUCH APPRECIATED.

Thank you So much for  
Awarding me with your  
Scholarship, it is very appreciated  
and will be put to good use. Also  
Thank you for the third place award  
in the show, it was a great show  
and I plan to be back in the  
years ahead.

-Gunner Wilson



# Packard Patrician Repair and Maintenance

As with all cars, no matter what the age there comes a time when maintenance is required. In November 2024, I was helping my father in-law Jack Boswell exercise his 1953 Packard after a few months of storage when I noticed the dreaded puddle of axle oil on the shop floor next to the left rear wheel after the Packard sat for a couple of days. Considering the Packard is about 72 years old I guess you can't complain about needing to replace an original oil seal or two.

Although I was hoping not to do a brake job, it turned out the axle oil seeped by the axle shaft keyway onto the inside of the brake drum along with a generous coating of oil on the rear wheel rims on both wheels.

The Packard rear brake drum and hub assembly is an integral component that mounts on a tapered axle shaft; removal mandates the use of a 'dog bone' puller and a little persuasion. There are two independent axle shafts, left and right side, and both splined ends of the axles meet at a centralizing block in the center of the differential assembly. Once the brake drum hub assembly is removed, the brake cylinder, parking brake cable, and backing plate must be removed to extract the axle and bearing assembly. To remove the axle, I improvised a slide hammer and puller plate and attached it to the axle. After a few raps with the slide hammer and the axle and bearing assembly pulled out of the axle housing without trouble.



Axle oil leaking onto the rim and tire



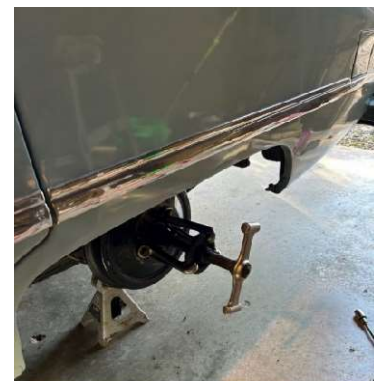
Rear wheel rims coated with axle oil. Both sides were similar. (This is not easy to clean)

I was hoping to reuse the bearing assembly, but I discovered there was damage on the bearing outer race which necessitated a replacement. Unfortunately, due to the effort involved, replacing bearings means the axle shaft endplay must be adjusted to tolerance to account for the finish dimensions of the new axle bearing assembly. The axle bearing is held in by the brake backing plate and shims are used between the baking plate and axle housing to make the adjustment. So, it was off to order bearings, brake shoes, and some used shims from Kanter Auto Products in NJ to help set the endplay as necessary along with the oil seals.

The inner oil seal that was leaking is pressed into the axle housing. The seal is a multi-piece unit pressed together with a leather seal surface. The seal did not want to budge while using a smaller puller I had, so I fabricated a larger puller from parts I had obtained in a recent parts auction. That improvised puller did the trick. A few solid blows of the slide hammer and the

seal was out. The new modern seal taps in easily.

The old axle bearings needed to be removed from the axle shaft. To accomplish this requires a 20-ton hydraulic press. By the way, one of the best tool purchases I ever made was investing in a 20-ton hydraulic press. It paid for itself in one use pressing 'out' and 'in' rear axle bearings in my 1965 Corvair over 20 years ago. I've used the press countless times since for other jobs. The right axle bearing was a little loose on what should be an interference fit on the shaft so I peened the surface with a hard punch symmetrically in several places to be sure the new bearing assembly would press on and stay put.



Removing brake drum hub with dog bone puller



Brake shoes, cylinder axle shaft and braking plate. Note: The outer oil seal, this seal is relatively easy to replace.

Once the bearings were installed it was time to grease the bearings, install the shafts and adjust the endplay. There are six nuts that hold each one of the brake backing plates to the axle housing and shim stack that need to be snugged up very gradually and symmetrically to properly seat the bearing race in the axle housing bore. This operation can be time consuming to set, test, and remove to add or remove shims. To check the endplay and obtain an accurate reading, the bearing races need to be properly seated against the brake backing plates. To accomplish this, I used a large hammer while protecting the axle nut threads and gave the axle a solid 'blow' to seat the bearing race on the opposite side of the car. Then moved to the opposite side of the car and gave another solid 'blow' to the other axle back in the other direction to be sure the other race was seated. Now the endplay measurement can be made. I started with the original shims present when the axles were removed but when taking up the clearance with the backing plate, I soon discovered the

assembly was too tight. I added another 0.020" shim to one side and that was not enough. I added another 0.020" shim to the other side to keep the axles centralized in the differential. This brought the endplay to about 0.003" which is just under the Packard specifications of 0.004"-0.007". There was one 0.005" shim from the original shim stack that I removed and put in the



Inner axle oil seal assembly

used 0.007" from Kanter Auto Products which brought the final endplay to 0.005" which is in the factory specification range. From there it was a matter of assembling the brake pads, installing the drums, and adjusting the brake shoe clearances.



Improvised slide hammer seal puller tool



Bearing outer race showing damage, both left and right bearings had similar damage and wear.



Shims used to set bearing endplay clearance with new bearings (used shims are now only available in 0.020" and 0.007".)





Pressing in the new axle bearing



Measuring bearing endplay with a dial indicator. Set to zero after seating shafts to the opposite bearing race



Dial gage indicating endplay value when moving the shaft out from zero lash. (in the final case 0.005" endplay) Packard specification: 0.004"-0.007".



The Packard, Steve Hall and Jack Boswell, at the Callaway Energy Center--"Hell no, we won't Glow" Poker Chip Run – March 23, 2024

Packard produced a flat rate manual to help its dealer service shops to estimate the cost of repair jobs for customers. I added the Packard flat rate estimates for the operations to do this job and it comes out to about 8 hours. I estimated it took me around 10 – 12 hours to do this job but some of this time was to clean parts and make puller tools. Now the Packard is ready for another tour. Hopefully, this repair is good for another 72 years!

*Submitted by MMOCC Member Steve Hall.*



# October 1, 1939 News and Tribune

submitted by MMOCC Member Mike Schaefer.

**CAPITOL**  
Today for 3 Days!  
SHOWS TODAY, 2:30 TO 11



The "Bachelor Mother" turns the social whirl into a hurricane!

**GINGER ROGERS**  
—in—  
**"FIFTH AVENUE GIRL"**  
—With—  
WALTER CONNOLLY  
JAMES ELLISON, VEREE TEASDALE, TIM HOLT

Added . . . All Color Novelty  
Cartoon and News

**DUBINSKY BROS. STATE**  
Starts Today for 3 Days!  
Today 2:30-11  
2 Big Hits!

**HI-YO, HILARITY!**  
**JOE PENNER**  
A Howl in . . .  
**'The Day the Bookies Wept'**  
BETTY GRABLE



**IT'S A MONEY!**

**THEY HUNTED HIM LIKE A BEAST OF PREY!**  
**GEORGE RAFT**  
in  
**"I Stole a Million"**  
With Claire Trevor

**SEE IT OCT. 14**  
**AT YOUR LOCAL CHEVROLET DEALERS**

**New 1940 CHEVROLET**

**Eye it**  
Your own eyes will tell you it's longer, larger, more luxurious . . . a much bigger car overall!

**Try it**  
Your own tests will tell you it's the most thrilling performer in the entire low-price field!

**Buy it**  
Your own pocketbook will tell you it gives more value for every dollar of its remarkably low price!

**"Chevrolet's FIRST Again!"**

**You Are Invited . . .**

To SEE the Beautiful New CHRYSLER on Display at new show room, corner Washington and Dunklin. A cord welcome awaits you when YOU see and drive this snappy 1 model.

We also have a nice selection of late model USED CARS at Used Car Location, 710 Jefferson.

**MIKE WILSON**  
CHRYSLER, PLYMOUTH SALES and SERVICE  
129 W. Dunklin 710 Jeffers  
Phone 3243

# MMOCC BRAINSTORMING

During the January MMOCC Meeting, attendees brainstormed activities, meeting topics, past successes, etc. *Can you help organize an event?*

1. Involve kids in Cruises. Source could be Foster Kids or Big Brothers Big Sisters.
2. Club Cruise In starting in JC and going to smaller towns, stop in each town for an hour, and invite car owners in the towns. Could end at the JC Mall Cruise.
3. Club Cruise together to the Versailles Sonic Nights.
4. Car Club Challenge and invite another club from another town to meet halfway. The "Challenge" is to see how many of each Club meet. Meet at a lunch spot.
  - A. Clubs in St. Clair and JC meet in Hermann.
  - B. St. Louis and JC.
  - C. KC and JC and meet in Sedalia.
5. Tour of Body Shops, such as a repeat of Xtreme Body and Paint. Could start off at Pizza Haus in St. Martins and then go to Xtreme. **Bondo to talk to Chris at Xtreme.**
6. Tour to Marshall. WWII memorabilia as part of the Nicholas Beazley Aircraft Museum. Club visited >5 years.
7. Trip to Boonville. Mitchell Car Museum. Boonville City History Museum. It has been a long time since the Club went.
8. Fulton: AutoWorld Museum. Churchill Memorial.
9. Multi-Day Trips and meet up with local car clubs. See tourist spots in the destination town. St. Louis, Hannibal, Springfield, Cuba, etc.
10. Drive In Theater. Carthage Drive In Theater on Route 66. Lakeside Ashland. Moberly.
11. Jefferson City Fire Museum with a meal at Daisy Delight. **Lyle to coordinate.**
12. Missouri Military Museum at Ike Skelton.
13. Highway Patrol Museum.
14. Highway Patrol Garage Tour.
15. Veterinary Museum during business hours.
16. Larry Rhea's legendary Poker Chip Runs. **Larry to schedule.**
17. Drives in the country. Missouri bottoms, etc.
18. Poker Run Fundraiser or some other fundraiser to promote the Club and give back to the Community in the name of the Club.
19. Back roads / Alleys tour around Jefferson City.
20. Road trip to the old covered bridges. Four remain... Pershing State Park, south of Paris, Sandy Creek in Hillsboro, Bollinger Mill. Then attend something else in that area.
21. Swinging bridges. One in St. Elizabeth and one in Brumley. Longest one exists, but is no longer open for car traffic.
22. New Cruise at Pizza Hut in Holts Summit.
23. Tour of a local car dealer.
24. Nichols Career Center car show in April. **Tentatively April 27.**
25. State Tech tour.
26. State Tech car show with Dyno.
27. Belt Sander Races. **Larry Rhea and Lyle to coordinate.**
28. Adult Pinewood Derby races.
29. Matchbox / Hot Wheels races.

## MEETING TOPIC IDEAS

- A. March 2025 Auction Meeting at Tom Winters' Kustum Signs shop on Buchanan Street in California. Possible dinner in California prior to the meeting. 5 and 50 Diner, LaRosa(?) next to the Bowling Alley, Pizza Hut, Burger Haus.
- B. Meeting at Jim Martin's Garage. Topic to be determined.
- C. September Meeting is at HyVee with Car Show at the Topic.
- D. Noble Needle meeting on JayCee Drive at Industrial (across from Mid City Lumber) with food trucks. Potential upholstery topic. **Justin Colvin to coordinate.**
- E. Trunk Swap in August. Hoping for a new location or Bondo can host, reluctantly.
- F. Make business cards for potential new members. **Lyle to provide.**
- G. Missouri Department of Revenue representative on buying old cars, titles, inspections, etc. Rusty Baldwin is a great source and was well received the last time he presented. **Rusty has agreed and is tentatively scheduled for April 24.**
- H. Trooper to talk about law enforcement, traffic laws, etc. **Scheduled for February 27 meeting. Organized by Lyle.**
- I. Heidbreder Museum tour.
- J. Kelsey Tire explanation meeting. Daughter is on our mailing list and was a Car Show Sponsor. **Lyle has corresponded with the current owner.**
- K. BBQ – McClung Park. **Schedule for August 28. Organized by Connie Schaefer.**

## Upcoming Events that MMOCC Plans to Attend

### A. February MMOCC Meeting.

- Thursday, February 27 at 6pm. Arrive as early as 5pm and get your meal and dine together.
- HyVee-JC Community Room (upstairs).
- Topic: "Ask a Trooper" – Missouri State Highway Patrol Trooper Chris Winters will talk all things Traffic and MSHP. Your chance to ask questions.

### B. March MMOCC Meeting.

- Thursday, March 27.
- Annual Scholarship Auction. Bring donated items to auction off and cash to buy some bargains! (Baked goods have been a big hit in the past.) All proceeds benefit the Scholarship Fund.
- Meal prior in California, Missouri. Exact location to be determined.
- Auction at 7pm at Tom Winters' Kustum Signs shop at 507 E. Buchanan in California, Missouri.
- Bring your own chair. Enter the parking lot on an angle to avoid dragging.
- Bring items and money to buy.

### C. Capitol Cruise In (JC) East Capital at Madison.

- Last Saturday of each month from March to September. 5-9pm.

### D. Monthly Capital Mall (JC) Cruise In.

- Last Saturday of each month from April to September. 3-7pm.

### E. Missouri Moonshiners Street Rod Club Cruise In.

- Second Saturday of each month from April to October. 5-8pm.



- Thriftway in Linn. Contact the Evens at 573-291-6209 if questions.

#### **F. April MMOCC Meeting.**

- Thursday, April 24 at 6pm.
- Location to be determined.
- Topic: MMOCC Member Rusty Baldwin – Missouri State Motor Vehicle Inspector, discussing Titles, VINs, safety inspections, vehicle purchase do's and don'ts.

#### **G. Nichols Career Center Car Show.**

- TENTATIVELY scheduled for Sunday, April 27 from 12-3pm.
- JCHS Adkins Stadium Parking Lot at 610 Union Street / JCMO.
- All proceeds benefit Nichols Career Center SkillsUSA Chapter.
- Lots of student cars and projects on display.

#### **H. Sheriff's Barbeque Car Display.**

- Old Car display at the annual Cole County Sheriff's Barbeque.
- Tuesday, June 10 serving from 4-7:00 pm. Arrive when you can. Leave when you want. Bring a chair. Contact Lyle at 573-291-7159 if questions.
- BBQ pork steak or chicken available.
- Old Car parking inside the Cole County Fairgrounds near the flagpole.

#### **I. Lohman Cruise In.**

- Sunday, June 29 from 10:30am to 2pm in Lohman on Front Street "by the big tree".
- Bring a chair and cooler. Come and go as you please. Contact Lyle at 573-291-7159 with questions.
- Lions Club BBQ available at the Community Center from 10:30am to 2:30pm.
- Fireworks at the Church at 9pm by Dennis and Laura Even.

#### **J. August MMOCC Meeting – BBQ at McClung Park.**

- Thursday, August 28. McClung Park Indoor Pavilion (air conditioned). 931 McClung Park Drive.
- Arrive as early as 5. Meal at 5:30. Meeting at 6. Indoor BBQ. Bring a side to share and bring your own beverages. Pulled pork, plates, and utensils provided by the Club.
- Contact Connie Schaefer with questions at 573-690-5954.
- Topic to be determined.

#### **K. MMOCC Old Car Round Up and Show.**

- 56<sup>th</sup> annual.
- Saturday, September 27, 2025.
- In conjunction with JC Oktoberfest.
- Car Show Chair Justin Colvin at 573-694-6813.

#### **L. NO November meeting.**

#### **M. December Meeting / Holiday Party.**

- Thursday, December 18, 2025. Arrive as early at 5pm. Meal about 6pm.
- American Legion off Tanner Bridge.
- Meal provided by the Club.
- Bring a rob-your-neighbor gift for your gender valued around \$25. Be creative!

Missouri State Highway Patrol in 1972

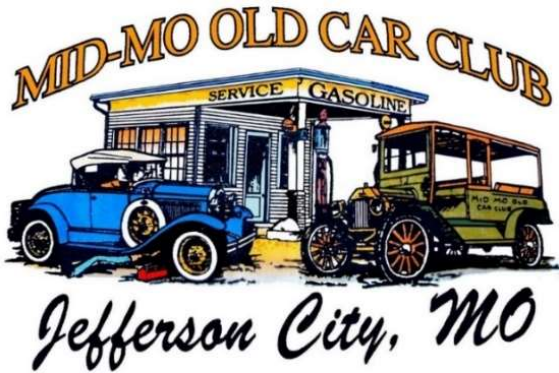


1963: The 49 millionth Chevrolet Impala rolled off the assembly line at GM's Tarrytown NY Plant!



### Officers:

President Nathan Fuller (573-645-7088)  
Vice President Dennis Smith (573-680-2505)  
Secretary Lyle Rosburg (573-291-7159)  
Newsletter Editor Lyle Rosburg (573-291-7159)  
Treasurer Larry Rhea (573-606-9266)  
Historian Ron Bandelier (573-893-2553)  
2025 Car Show Chair Justin Colvin (573-694-6813)



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