

# THE Aircooler

#### DETROIT AREA CORVAIR CLUB

**ESTABLISHED 1974** 

Volume 4, Issue 8

**50 YEARS AS YOUR CORVAIR CLUB** 

August 2024

# From The Dashboard of Your DACC President, Pete Cimbala Corvairkid1963@lentel.com; (0)

I really can't believe that we have reached a point in the short summer season and Homecoming is now behind us. I know everyone had a great time, got some sun and were fed well for three days. I hope you had a chance to visit with our new friends Carl Kelsen and Arlette Pat from Wheelers Hill, Victoria, Australia, They are here in the States for a few weeks and are going to visit the Convention in Dayton and do some traveling in Michigan. Rob Amsler from Ocklawaha, Florida was a great helper in the World Class Hospitality Room and made it on the calendar. He told me in the pass in review that he came up for our show and lives full time in Florida, how about that, I would like to thank Ken and Ruth for all they do to keep everyone fed and to all those who helped them get the food across the serving tables, VP Tom for keeping us supplied with liquid refreshments, Jeff Dehring for coming up with a great road rally/tour, Mike Anstine and K 1 & K 2 for the auction. Pete K. Kenneth and Chris Hand for the tech sessions (Pete K. also organized the indoor and outdoor swap meet. Ken, Kerry, Todd and Clark for helping our friends from Ohio set up and take down the valve cover track that will also be used in Dayton. John & Karen for the picture staging and taking for next year's calendar and a BIG THANK YOU to the Wine Lady Lori for doing the lion's share of organizing this event and the wine and cheese party. There are others that I am sure I forgot that helped make this another great event and I thank you as well. Continued on page 2

#### INSIDE THIS ISSUE

- 1 Articles by Pete Cimbala, Meeting Minutes
- 2 DACC Officers, Tom Murray, Treasury
- 3 Membership, Articles by Pete Koehler
- 4 FC's go to die? Ken H.. Article
- **5** Homecoming pics
- 6 Cover

## Make checks payable to. Detroit Area Corvair Club

# **BREAKING NEWS!**

Bob Whitman has finally won a 50-50 after decades of grumbling.



Other winners were Bill Richards, Jim Dehring and Rob Amsler, congrats to all the winners. The DACC Board thanks everyone that purchased tickets to support the Detroit Area Corvair Club.



# DACC July 2024 Homecoming Meeting Minutes

The July 2024 DACC monthly meeting at the 300 Bowl was cancelled and replaced by the DACC Homecoming. Hopefully everyone was able to attend Homecoming and had a good time. Overall, the weather was pretty good. There was a little rain Saturday afternoon during the top 25 photo session, but other than that it was not too bad. Look for other articles in the Aircooler for more details of the 2024 Homecoming.

Ken Heberling - Secretary ■

#### From the Rear Deck of the DACC VP, Tom Murray

quitar mechanic@yahoo.com

Hi campers!

We're going to take a look at torque today, what it is and why it's important. In its most simple form, torque is a measure of rotational force. The formula is T=RFsine. Math with letters in it has never been my strong suit but I'll do my best. R is the radius or length of the wrench from the bolt being tightened to the point where the force is applied to tighten it. We're going to use 12 inches. F is the amount of force being applied to the wrench. We can use 10 lbs. Sine is the angle of the wrench from its starting position. I'm going to ignore that part because my torque wrench has a click to tell me to stop. A deflection style wrench has a pointer that relies on the wrench bending to indicate the torque on a gage. From the above information we end up with a torque of 10ft/lbs. So why is any of this important? Personally, when Chucky got its most recent engine, I forgot to torque the head bolts on the driver's side. I ended up with three leaking head gaskets a week before Homecoming. Pete Koehler came over on the 4th of July and advised me to change all of the head gaskets. That was a job that could have been avoided. With Pete's guidance we got it done in one day! His portion was over by 11am!! Now I'd like to explore what is happening to the hardware that has been successfully torqued. In reality, bolts have some ability to stretch and return to their original length. This is called elastic deformation. I think the best 2 examples on a Corvair engine would be the crankcase bolts and the head studs. Seeing as there is no center gasket in the crankcase, the bolts need to be able to keep it closed tightly when the engine is cold and after it has expanded when hot. The head studs have the exact same job but because they are so long and spindly, it's easier to imagine them as bungee cords holding the heads on. That's the part I missed. Oops. The hardware's thread forms are chosen specifically to add the correct amount of friction to prevent outside forces from loosening the connection. We can explore thread forms later. A side note on wrenches, if you look at a standard set of wrenches, you may notice the smaller the hardware it's supposed to fit, the smaller the wrench overall. The larger the hardware, the larger the wrench. This is done on purpose so that the length of the wrench acts as a rudimentary way of applying the appropriate amount of torque. It would be crazy hard to tighten a 3/4 bolt with a 5-inch-long wrench. We need the length of the wrench to do the proper amount of work. A small bolt like a 5/16 inch doesn't need that long a handle. We would be twisting the heads off of them. Well, that's all for now. I have to tell you that I learn something new from each article. Being able to fully research a topic that I've always wondered about is a joy.

Until next month, be safe! Tom.

## 7/17/24 Treasury Report by Carol Hairsine 6/17/24 Balance \$9685.75

#### Income:

Membership \$260.00 Homecoming \$2680 HC 50/50 \$953.00 HC Auction \$364.00

**Expenses:** 

Newsletter \$242.16 Grill Cleaning supplies cash \$45.00 HC 50/50 Payout \$476

Road Rally \$120.63

DJ \$800.00

Dash Plaques \$130.00 Balance 7/17/24 \$12,128.96

#### President's report continued from page 1.

We were down a few people and cars this year being the big National Convention is both close on the calendar and only a few hours away, next year we will be back to normal or even bigger with the convention being in May way out west in California. When everything shakes out, we will see how we did, I know a lot of people renewed their membership and we gained several new members and that is a good thing. August brings us two of the biggest events in Michigan, The Woodward Dream Cruise and Back to the Bricks. Like most of you I am very involved in all of the Bricks events so it will be a busy few weeks. Check out the backtothebricks.org website for events and times and the Facebook page for all the details. What I can tell you is you will have many things to choose from with the Tune Up Parties, Drive in Movie night, Rolling Cruise, Concert and the big Main Event Downtown on the 17th. Stop by the Mega Site on S. Saginaw St. and Hemphill Rd. Wed or Thurs while you are cruising Saginaw St. and visit the food trucks like Hot Dog Heaven for dinner. I am working on group parking for the big day Saturday Downtown if we get 10 cars to show up, as of this writing we are close. There will be a BIG opening ceremony with a fly over, Brass Band and we always honor our Veterans with free shirts. Watch for an Eblast with the last-minute details and watch the DACC Facebook page. Aaron Greer will be organizing the Woodward Dream Cruise parking for those who are going to that long running event.

# Welcome to the dog days of summer in Michigan.

## Like us on Facebook

#### DACC OFFICERS

President Pete Cimbala

Corvairkid1963@lentel.com;

Vice President Tom Murray

Ph. 313-510-7570 quitar mechanic@yahoo.com

Membership Mike Hurt

1795 Ring-O-Kerry, Milford, MI. 48381

Ph. 248-972-7188 mdhurt821@gmail.com.

Editor Adam Morenski

Ph. 586-354-5626 amorenski7636@wowway.com

Treasurer Carol Hairsine

6374 22 Mi. Rd. Shelby Township, MI. 48317 Ph. 586-321-9952 hairsine@sbcglobal.net

Secretary Ken Heberling

Ph. 248-709-3622 <u>kenheberling@comcast.net</u>

Activities Raven Hand

Ph. Rhand1499@yahoo.com

Webmaster John Allesee

#### Winners of the 2024 DACC Homecoming

63 Rampside Glen & Rita Rittenhouse. Pekin,

#### **IL Best of Show**

64 Spyder Conv't Jim Dehering. Tecumseh, MI

60 500 Coupe Bob Norwalk. North Canton, OH

64 Spyder Coupe Rob Amsler. Ocklawaha,

#### FL \*first time on calendar

63 Greenbrier Mike & Tammy Zuercher. Rittman, OH 65 Monza Conv't Shriner Car Garry DeMoss. Bath, OH

65 Corsa Coupe Bill Richards. Canal Fulton, OH

69 Monza Conv't Arden & Kimberly

Robinette. Findlay, OH

66 Corsa Coupe Don Bearding. OH

63 Spyder Conv't Kerry Borgne. Birmingham, MI

66 Monza Coupe Alan Ellish. Highland, MI

61 Rampside Mike Anstine. Livonia, MI

65 Monza Conv't David Carter. Ashland, OH

66 Monza Conv't Ryan Casper. Uniontown, OH

64 500 Coupe Trish Burton. Painesville, OH

62 Spyder Conv't Tim Duve. Grand Blanc, MI

65 Monza Conv't Rich Blanchard. Oxford, MI

62 Monza Coupe Jeff Shreve. Flushing. MI

64 Spyder Conv't Mark Smith. Lake City, MI

63 Monza Coupe V8 John Bussard. Charlotte, MI

66 Monza Coupe Ethan Force. Leslie, MI \*first

#### time on calendar

65 Monza Conv't Lori Komora. Livonia, MI

63 Corvan Chris and Raven Hand. Clarkston, MI 65 Corsa Conv't Stephanie Miller. Bloomfield Hills,

MI

64 Monza Conv't Stewart Cavcey. Pinckney, MI

# first time at event and on calendar Model/tov/diorama

1st. John Bussard (Monk Motors first shop)

2nd. Mike Anstine
"Just Kool Award" given to Mike and Tammy

Zuercher to hold for one year.

#### **DACC To the Rescue!**

We have a unique opportunity to help out our favorite Museum, The Ypsilanti Automotive Heritage Museum right here in our backyard. Some time back, a generous family from Elk Rapids, MI expressed an interest in donating two Corvairs to the Museum. The cars are a pair of Monza coupes and "bookends" at that! A 1960 Monza coupe and a 1969 coupe have been offered and that is where we come in. Currently the cars are parked in a garage in Elk Rapids. Neither one has been running in a long time and the keys have been misplaced so they will need to be re-cut. 1969 is the 63rd Corvair off the line in Willow Run. That must have been the very first day that 1969 Corvairs were built there? The 1960 coupe was built in California, but we won't hold that against it. The '60 will need a set of year correct wheel covers. The '69 started out life as an Olympic gold example. It was repainted in two-tone red and white, and the interior was re-done in a similar fashion.

# DACC Membership Report for the AUGUST 2024 AIRCOOLER

Submitted July 12, 2024 by Mike Hurt Welcome to our new members:

#### Thanks for keeping your membership up to date:

R Bluhm, J Carbary, K Cutter, J Davis, R Foti, R McKean, J Monk, H Reyes, C Rollins, S Saph, J Schmidt, B Storc, M Williams

We have 162 paid members and are mailing 2 complementary newsletters to Clark's and the Ypsilanti Museum. If you can't make it to the meeting or Homecoming, send a **check for \$20.00** payable to **Detroit Area Corvair Club** to: Mike Hurt – DACC. Address: 1795 Ring O Kerry, Milford, MI 48381

\*\*A NOTE ABOUT DUES RENEWAL DATES. ON YOUR AIRCOOLER TO THE RIGHT OF YOUR ADDRESS LABEL IS A DATE – THAT IS YOUR CURRENT DATE TO RENEW YOUR MEMBERSHIP. Generally, unless you've paid ahead, YOUR DUES ARE UP AT THE END OF JUNE. The thought was that you could pay at Homecoming or by the end of July. \*\*

Questions about membership, change of address, email info can be sent to Mike Hurt at (248) 972-7188 or <a href="mailto:mdhurt821@gmail.com">mdhurt821@gmail.com</a> and leave a message. We have an **email blast list** to notify members of quickie tours or last-minute changes. Please send me your email address so we can keep this list up to date.

#### DACC To the Rescue! Continued.

The plan is for me to run up to Traverse City on July 30th and meet up with new DACC member Al Houtman, Al lives in Milford and has a home in Traverse as well. We will settle the paperwork and identify the YAHM as the new owner of the pair. Al has a truck and a trailer and a not-empty pole barn on his property. Wow! We could be best friends! The cars will be transported to Al's place on that Tuesday, and I will carry the title documents back down to Ypsi. Once the Museum has the title transfers complete Al will bring the cars down here one at a time as he travels between his two homes. We need to make keys and get the cars up and running. After that we will need to see what repairs might be needed and also detail the cars for their museum debut. Eventually we will have to work to find a permanent owner/caretaker of the cars.

This is a great opportunity to help out the Museum and the family who is making the donation. I am sure that we are up to the task. I mean what else would you expect from the DACC Garage Squad? ■

#### Meet the Makers - Engineer's Edition

So, I just got back from Werner Meier's Masterworks Automotive Services in Madison Hts. Werner and his, Brian run a topflight Corvette shop there. The reason for today's visit was to get Werner and DACC member Ken Heberling and his dad, George together for a talk down history lane. George Heberling is a retired GM Engineer and Executive who was involved in a very special Corvette. How special, you ask?

Continued on page 4.

#### **Homecoming Valve Cover Racetrack**

We were able to get the Valve Cover Racetrack set up with help from the Ohio guys. They helped last year as well to learn how this all goes together. We had a year to forget everything, but we managed to succeed. The parts are marked "Right" and "Left" and arrows showed direction for the parts. However, it is difficult to figure out what the reference point is. Bottom of track or top of track!? Bottom line, Right and Left are based on standing at the starting line.



The Red side of the track is Right. The Blue side of the track is Left. All the arrows on bottom of the track point to the starting line. I am writing this so I will have a reference for next year when I am in the same situation scratching my head! The Ohio guvs only need to remember for a little over a week before they need to set it back up again for 2024 Corsa International Convention, Many pictures were taken as well to help remember things. Good Luck!

Clark Hartzel ran the races. There were 6 race cars in the competition. Ultimately, Clark won with his well proven car.

#### Ken Heberling

Editor's note; If we cannot get more members & guests to make and bring a valve cover racer, will it be worth setting up the track? This track and the race are a DACC institution at the Homecoming, but it takes you personally to keep it going. Let's make history along with remembering it, we all have a year, (including myself) to prepare. ■

#### **Activities by Raven Hand**

Hello all, August cruise event opportunity. Sunday August 10th let's meet at 2218 south Milford rd. at 9 am for breakfast at Leo's Coney for breakfast and then continue as a group to Bakers in Milford for a Sunday Cruise in/day. (This can take the place of Second Saturday Breakfast. I will also post on FB. Water pumpers welcome for breakfast and to continue on to view car show at Bakers (will have to park separately and walk over) it's a large show of you've never attended

Also, Back to The Bricks show is August 17th and I have room for a few more cars if anyone would like to attend.

(If you haven't heard already, Orphan Show is no longer a thing.) ■

#### Meet the Makers continued from page 3.

How about a one of one 1969 Corvette with the optional ZL1 all-aluminum 427 engine? And he ordered it special and used it for his Company car! Ken made the meet happen and Werner really appreciated it. We also teleconferenced with the current owner of the Vette down in Florida. Some of the stories were priceless. Speaking of priceless - what do you think that 430 horsepower (now who's fooling who?) one-off Corvette is worth today? Think of lots of zeros.

But wait, there's more! George wasn't always a Corvette guy. When he was assigned to the Freemont, California Plant in 1962 they were preparing for Corvair production. This line was shared with the front-engine Chevy II models. The engineering task was to figure out a way to build both very different cars on the same assembly line. When the Willow Run Assembly started here in Michigan back in July 1959 a local company devised a way to install both the front suspension and rear powerpack from the floor upwards. George and his team came up with a similar solution and that is why there are Cali-built Corvairs for us to enjoy today. Many thanks to George Heberling for sharing his experiences with us. Thanks a bunch, to Ken for bringing him out to Werner's shop and thanks to Werner for hosting this meet. What a great day!

#### Where FC's go to die!

Pete Koehler ■





#### Parts and Services.

Show and Go Collision Tom Cavatio

9103 Chalmers, Detroit, MI. 48213 313-371-9085



Clarks Corvair Parts 400 Mohawk Trail Shelburne Falls, MA 01370 413-625-9776 413-625-8498 Fax clarks@corvair.com





Check out this site and expand your Knowledge of the Corvair.

https://www.corvair.org/

Updated the CORSA Club Office address

CORSA Club Office PO Box 68 Long Lake, MN 55356



The DACC
August
meeting is on
Monday, the
5<sup>th</sup>.
As always,
social time
starts at 6pm,
meeting
starts at 7pm.
At the 300
Bowl in
Waterford.

The Aircooler – Adam Morenski 15237 Roycroft Roseville, MI. 48066

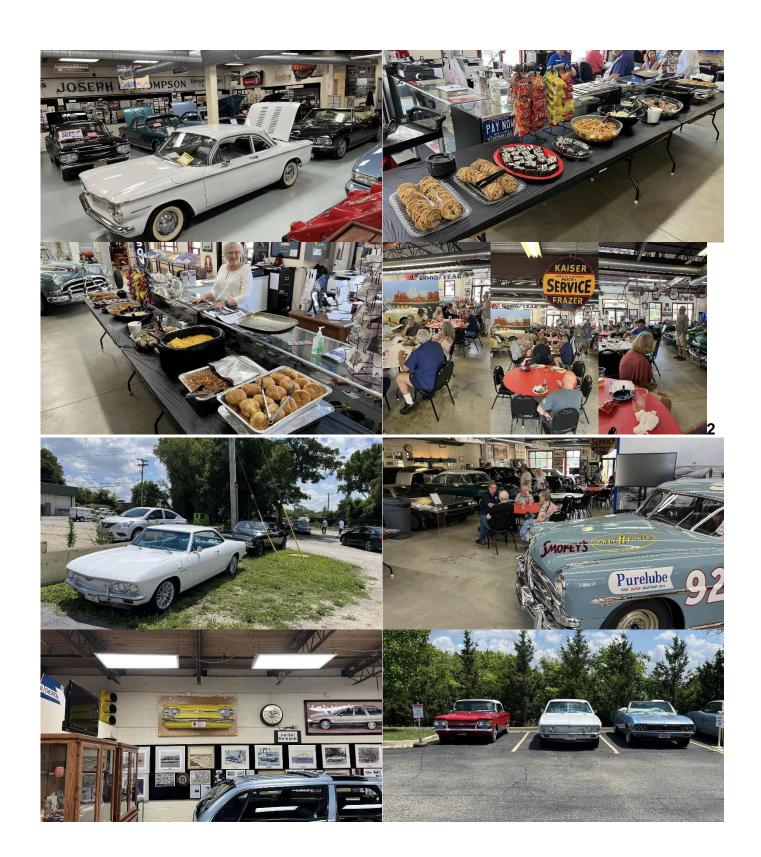
BULK RATE

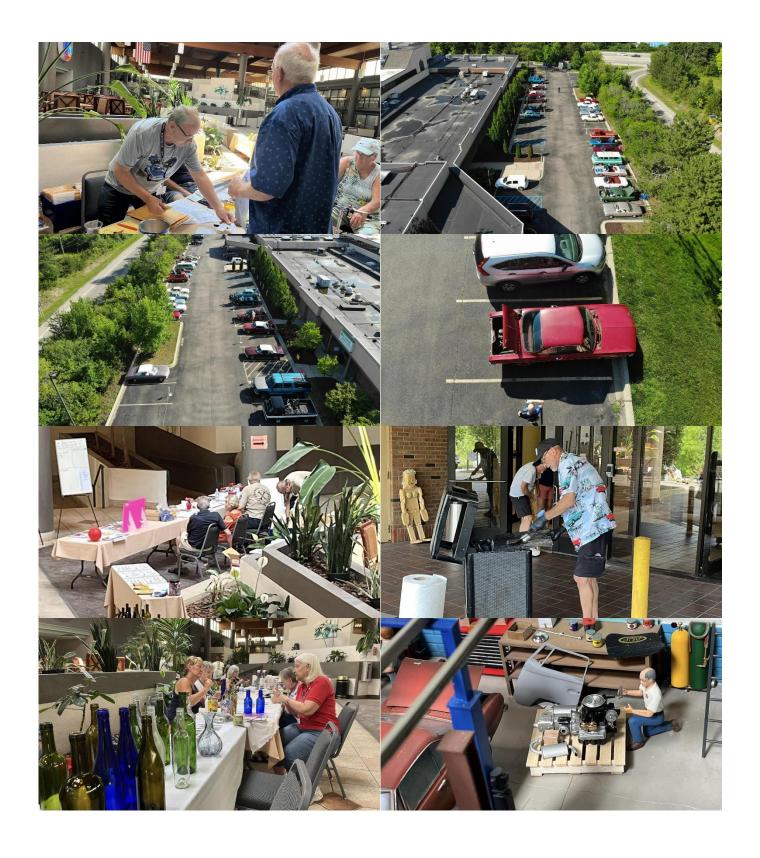
US POSTAGE

PAID

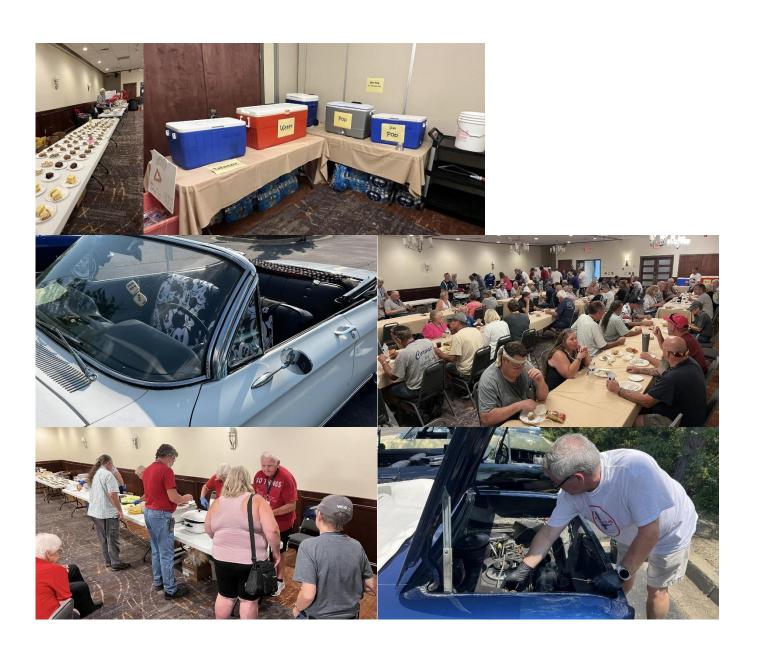
PERMIT No. 00000

More 2024 Homecoming pics from Kerry Borgne on the DACC Facebook page. Check out the other Corvair club newsletter links. Continue scrolling. A list of automotive events from C & G newspaper online.











 $\underline{\text{http://www.vv.corvair.org/pipermail/chapters/attachments/20240628/1ceec413/attachment.pdf}}$ 

https://www.sfbacorsa.org/

https://tinyurl.com/3x9yt9cm

http://www.corvair.org/chapters/chapter627/newsltr/Jul24PCC.pdf

http://www.vv.corvair.org/pipermail/chapters/attachments/20240705/49763dd2/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240705/49763dd2/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240704/82ed48dd/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240701/46e55d0e/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240702/4278632f/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240707/575d86a3/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240707/4a3987ed/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240707/1354741a/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/202407011/956fb5d3/attachment.pdf
http://www.vv.corvair.org/pipermail/chapters/attachments/20240709/b6eb4847/attachment.pdf

# CRUSIN' HINES "Nothing but the Classics"

7.5 miles of two lane Park, with no stop signs, or stop lights to cruise. With nothing but classics on the road. All vehicles must be 25 years old or older. August 25, 2024 \* 9:00am to 4:00pm \* Dearborn, Michigan \* Food Vendors See details at www.cruisinhines.com \$5.00 Donation to Cruise.



Don@DonNicholson.net \* 734-658-5296 \* www.DonNicholson.net

# ROBOTICS



#### Aug. 4

#### **Clinton Township Gratiot Cruise**

Starts at 8 a.m. with car show, other activities include cruise from 14 Mile Road to Wellington Crescent (north of Metropolital Parkway), awards, DJ, games, family fun zone and pedal car race, ends at 5 p.m., <a href="mailto:ctgratiotcruise.com">ctgratiotcruise.com</a>

#### **Troy Traffic Jam**

Automotive festival featuring antiques, classics, muscle cars and exotics, plus tech talks, kids Pedal Power 200 race and more, 10 a.m.-3 p.m., Columbia Center on Big Beaver Road, <a href="troyhistoricvillage.org/troy-traffic-jam">troyhistoricvillage.org/troy-traffic-jam</a>

#### Read more: Community members gear up for 14th annual Troy Traffic Jam

#### Aug. 9

#### Old Village Cruise In

Vehicles on display from 4-8 p.m., BBQ from 6-8 p.m. with goodwill donation, First United Methodist Church of Warren, 5005 Chicago Road, (586) 201-3949

#### **Aug. 10**

#### Down on Main Street charity car show

More than 350 vehicles expected, plus food, music, trophies and more, 8 a.m.-4 p.m., Main Street south of 14 Mile Road in Clawson, proceeds support Leader Dogs for the Blind and other Clawson Lions Club charities, clawsonlions.org

#### **Utica's Gasoline Alley**

Car show, swap meet and gas show, 8 a.m.-4 p.m., downtown across from Memorial Park, 7530 Auburn Road, uticasgasolinealley.com

#### Aug. 11

#### Car show and poker rally

Attend and/or compete in car show from 9 a.m.-noon, then visit six historic locations during poker rally from noon-3 p.m., West Bloomfield High School, 4925 Orchard Lake Road, <a href="mailto:gwbhs.org/pokerrally">gwbhs.org/pokerrally</a>

#### Rockin Rods n' Rochester

Event limited to 375 vehicles, also food, collectibles, music, 50-50, door prizes and more, 9 a.m.-4 p.m., Walnut Street in downtown Rochester, proceeds support Leader Dogs for the Blind and other Rochester Lions Club charities, rochesterlionsclub.org

#### Aug. 16-17

#### **Woodward Dream Cruise**

Officially held 9 a.m.-9 p.m. Aug. 17, participating cities along 16-mile radius of M-1 include Ferndale, Pleasant Ridge, Huntington Woods, Berkley, Royal Oak, Birmingham, Bloomfield Hills, Bloomfield Township and Pontiac, <u>woodwarddreamcruise.com</u>

Related events in C & G's coverage area include:

#### Ferndale

- Ferndale Emergency Vehicle Show (1-7 p.m.), Lights & Sirens Cruise Parade (5:30 p.m.), MMRA's Quarter Midget Youth Racing Cars (noon-8 p.m.), Kids Car Club & Play Zone (noon-7 p.m.) and Rock'n Live Entertainment Stage (1-9:30 p.m.), all Aug. 16 and in area of Nine Mile Road and Woodward Avenue, <a href="ferndaledreamcruise.com">ferndaledreamcruise.com</a>
- Mustang Alley (10 a.m.-6 p.m.), Kids Car Club & Play Zone (10 a.m.-7 p.m.) and Rock'n Live Entertainment Stage (11 a.m.-9:30 p.m.), all Aug. 17 and in area of Nine Mile Road and Woodward Avenue, <a href="ferndaledreamcruise.com">ferndaledreamcruise.com</a>

#### Pleasant Ridge

Ford Bronco Show, 10 a.m.-6 p.m. Aug. 17, Woodward Avenue and Oakland Park Boulevard

#### Berkley

CruiseFest Classic Car Parade, 6:30-7:30 p.m. Aug. 16, 12 Mile Road between Coolidge Highway and Greenfield Road in Berkley, then street concert, movie and more, 7:30-11 p.m. on 12 Mile Road, berkleymich.org/cruisefest

#### Royal Oak

- Performance Park Classic Car Show, noon-7 p.m. Aug. 16 and 10 a.m.-7 p.m. Aug. 17, Memorial Park, 31050 Woodward Ave.
- Cruise In Shoes 5K Fun Run/Walk, 7:30-9 a.m. Aug. 17, starts on Yorba Linda Boulevard and continues along Woodward Avenue before going through neighborhoods and finishing at Shrine Catholic High School, woodwarddreamcruise.com/about/cruise-in-shoes

#### Birmingham

Birmingham Cruise includes classic car show, retail, food vendors and more, 9 a.m.-5 p.m. Aug. 17, South Old Woodward from Maple Road to Lincoln Street, <u>ALLINBirmingham.com/CruiseEvent</u>

#### Aug. 17

#### **Cars and Coffee**

Also raffles and prizes, 10 a.m.-noon, Michigan Military Technical & Historical Society Museum, 16600 Stephens Road in Eastpointe, mimths.org

#### Aug. 28

#### **Shorewood Kiwanis Harper Charity Cruise**

5-9 p.m., 8 1/2 Mile to 12 Mile roads on Harper Avenue in St. Clair Shores, facebook.com/HarperCharityCruise

#### **Ongoing**

#### **Center Line**

Car shows, 4-8 p.m. Wednesdays, SandBaggers Sports Bar and Grill, 25615 Van Dyke Ave.

#### **Chesterfield Township**

Rockin' Roll In Cruise In, 4-7:30 p.m. select Thursdays until Aug. 29, Stahls Auto Museum, 56516 North Bay Drive, stahlsauto.com/events

#### Clawson

Car shows, 4-8 p.m. Mondays through October, Old Port Family Restaurant, 278 E. 14 Mile Road in Clawson, (248) 588-2660

#### **Clinton Township**

Sweet Treats and Sweet Rides, includes cars on display, music and in-store specials, 5-8 p.m. Aug. 15 and Sept. 19, Sanders Chocolate and Ice Cream Shoppe, 23770 Hall Road, (586) 464-5372

#### **Farmington**

Farmington Cruisin The Grand Car Show, also door prizes, 50-50, music and snacks, 4-7 p.m. Mondays through mid-September (weather permitting), Village Commons, 32780 Grand River Ave., Facebook

#### **Harrison Township**

Classic car meetups, 4 p.m. Saturdays and Sundays during summer, Eddie's Drive-In, 36111 Jefferson Ave., eddiesdrivein.com

#### Livonia

Cruise Nights, 6 p.m. Saturdays, Big Boy, 37123 Six Mile Road

#### **Mount Clemens**

Car shows, 4-8 p.m. Wednesdays, Louie's Towne Grill, 79 N. Main St.

#### **Pontiac**

Cars and Coffee, featuring customs, hot rods and pro-touring vehicles Aug. 3, supercars and European vehicles Sept. 7, and MOPAR brands Oct. 12, also complimentary java, 8-11 a.m., M1 Concourse, 1 Concourse Drive, m1concourse.com

#### Roseville

- Car shows featuring Twisted Axle Car Club, 7 p.m. Fridays, Gratiot Coney Island, 28560 Gratiot Ave.
- Bike shows featuring and benefitting Crusaders for Children, also 50-50 and raffle, 6-11 p.m. Mondays, The Lucky Leprechaun, 32456 Gratiot Ave. in Roseville, <a href="mailto:facebook.com/CrusadersforChildrenMichigan">facebook.com/CrusadersforChildrenMichigan</a>

#### St. Clair Shores

- Car shows, also raffles, DJ and food, 4-7:30 p.m. Fridays during summer, VFW Bruce Post #1146, 28404 Jefferson Ave., (586) 524-0449
- Cruise n' Classic Car Show, also food, DJ, 50-50, door prizes and awards, 4 p.m.-dusk Thursdays until Sept. 26, St. Margaret of Scotland, 21201 E. 13 Mile Road in St. Clair Shores, (586) 909-4700

#### Troy

Car Cars & Classic Food, also music, 50-50, prizes and giveaways, 5-8 p.m. Thursdays during summer, Big Boy, 200 W. Maple Road, (248) 362-0840

#### Warren

- Car, truck and motorcyle shows, also music, 50-50, food and drinks, 5-8 p.m. Tuesdays, Ukrainian Cultural Center, 26601 Ryan Road, (586) 757-8130
- Friday Night Flex car shows, 7 p.m. Fridays through late fall, Michigan Collegiate High School, 31300 Ryan Road, Facebook

#### **Washington Township**

Car show, 5-8 p.m. Thursdays until Labor Day, Culver's, 66227 Van Dyke Ave.