

Founded in 1958 www.cccorvette.org



Founded in 1959 www.corvettesnccc.org

#### 2014 Officers

Sandy Bechtel
President

Mike Sprague
Competition Director

Simon Reiffer
Governor/Vice President

David Pursel

Membership Director

Jerry Wardell
Newsletter Editor

Sally Wardell
Points Director

**Dave Averill**Public Relations Director

Katherine Twining
Secretary

Janet Litrenta
Social Director

Mike Britz
Treasurer



www.budkoutschevy.com

# **The Connection**

The Newsletter of Capital City Corvette Club

Volume XLIV ● Number 7 ● July 2014

## Let's Rally!

#### **July Activities**

**General Membership Meeting** 

July 2 • Social/Dinner - 5:45 pm • Meeting - 7:00 pm Delhi Café • 4625 Willoughby Road • Holt

Nifty Fifty Drive and Dine

July 12 • Meet at 11:20 AM • Meijer Parking Lot 1167 E Clinton Trai • Charlotte, MI

**Board Meeting** 

July 16 ● Dinner - 5:30 pm ● Meeting - 6:30 pm Delhi Café ● 4625 Willoughby Road ● Holt

**Spartan Speedway Low Speed Event** 

July 26 & 27 • Registration begins at 7:45 AM 779 N. College Road • Mason, MI

Please check the CCCC Web Site for additional information.

Contact Janet Litrenta if you would like to organize a social event.

#### **July Birthdays**

Please accept my apology if your birthday was missed.

Kiesha Plaskett Jul-6 Kathy Wyma Jul-06 NancyLee Buck Jul-07 Mary Blackwood Jul-10 Susan Swan Jul-11 Terry Burke Jul-21 Jeanne Harris Jul-21 Ward Harris Jul-21 Kathleen Schultz Jul-24

Please submit newsletter articles to 4c . editor @ cccorvette . org by the 24<sup>th</sup> of each month.





# Follow this Corvette on a Nifty Fifty Drive & Dine Saturday, July 12

Please meet at 11:20AM at:

Meijer Parking Lot 1167 E Clinton Trail Charlotte, MI

(Just East of I69, Exit 60)

We will leave Meijer at 11:40AM

Hosted by Kim & Sue Keith

Contact us at 616-874-4001 or 616-308-5648

We will be using 2 way radios.

#### From Our President

Ah, Corvettes – aren't they beautiful! We buy them, pamper them, collect them, show them off, trade them in, sell them outright, and then buy another one. They're just so much fun. Like our daily drivers, they come and they go, and we're on to the next one.

Did you know, though, that Michigan law requires an owner of a vehicle (other than a licensed dealer) to do one of the following when selling or transferring it:

- 1. Accompany the purchaser to a Secretary of State office to assure the vehicle title is transferred; or
- 2. Maintain a record of the sale for at least 18 months. (A "record of sale" means either a photocopy of the reassigned title or a document that includes the name, address, driver's license number, purchase price, date of the sale or transfer, vehicle identification number, and signature of the new owner or purchaser. Failure to maintain this record subjects you to a fine plus costs, state assessments, and other statutory penalties.)

Why this is important – the owner or registrant of a vehicle is the person eligible <u>and responsible</u> to insure it. If the vehicle you sell is not re-registered in the name of the purchaser, you remain the responsible party if it is involved in an accident. Because chances are pretty good you dropped the insurance when you sold the vehicle, you become personally responsible for all of the damages and/or injuries it caused. Although Michigan has a no-fault automobile insurance law, it only protects a person if he/she had no-fault coverage on the vehicle at the time of the accident. Therefore, you become subject to tort liability. So, do yourself a favor the next time you sell a vehicle – make sure when you hand over the keys, you also hand over the responsibility.

It's officially summer – have fun, wear your sunscreen, and "Save the Wave".

## Sandy Bechtel

#### **News for Members**

#### Editor's Notes:

The Z06 convertible made the news in the June issue of Motor Trend. The tag line is "Couples Therapy" offering something for couples that they both can agree on. Spec'd at 625 HP and 635 lb/ft torque with either a 7 speed manual or 8 speed automatic. Speed or cruise with the top down, who couldn't agree on that combination?

Do you like the looks of LED lights similar to the C7? Well if you do check out this months issue 'Tips and Mods' section for some upgrade ideas.

The Corvette Museum Motorsports Park is scheduled to open on August 27<sup>th</sup> just in time for the Museum's 20<sup>th</sup> anniversary celebration. The track is 3.5 miles and will include a 2 mile high speed loop.

For you specification junkies, the 2014 addition of the Corvette Black Book is available at Amazon.com or other book providers. The C7 (2014) pages include all the specs and options and my favorite, the Facts section on what's new with the 2014 model.

#### Our CCCC Sponsor:

Bud Kouts Chevrolet is the official sponsor of Capital City Corvette Club and is one of the area's finest Chevrolet dealers.

Please joint in welcoming the Feldman Automotive Group the new majority share owners of Bud Kouts Chevrolet.



www.budkoutschevy.com



Traveling in style

#### 2.2 NCCC OFFICIAL FLYER

<b>SANCTION #:</b> MI-003-001 thru MI-003-007		TYPE OF EVEN	TYPE OF EVENT: Seven Low Speed Events		
<b>DATE:</b> July 26, 2014					
(If Drag Rac	es, include rain date)		(If Rallye, include Rallye type)		
<b>REGISTRATION:</b>	<b>OPENS:</b> <u>7:45 am EI</u>	OT CLUB: Capital C	City Corvette Club		
	<b>CLOSES:</b> 9:00 am EI	OT REGION: Mich	igan Region		
DRIVERS MEETIN	<b>G TIME:</b> 9:45 am EDT		ICCC members \$14 per event or \$84 for all		
FIRST CAR OUT TIME: 10:00 am EDT		seven; Non-NCC	seven; Non-NCCC \$16.00 per event or \$96 for all seven.		
		LOCATION: <u>77</u>	79 N. College Road - Mason, Michigan		
		Spartan Speedway	Y Palesal Association		
SPEED EVENTS:	☐ HIGH SPEED*	<b>⊠ LOW SPEED</b>	CORVETTE		
<b>EXHAUST:</b>	<b>☐ OPEN</b>	⊠ CLOSED			
MAP AND EVENT I	NFORMATION (SEE )	BACK OF FLYER):	Est. 1958		

## **FOURTEEN EVENT WEEKEND**

2014 SPARTAN SPEEDWAY
SEVEN LOW SPEED EVENTS – CLOSED EXHAUST
SATURDAY – JULY 26, 2014
SUNDAY SPONSORED BY THE JACKSON CORVETTE CLUB
ALSO AT SPARTAN SPEEDWAY SEE SEPARATE FLYER

NCCC Members: \$14.00 per event, or \$84.00 for all seven.

Non-NCCC: \$16 per event or all seven for \$96.00. Metal Cars Welcome!

Helmet must be DOT Snell 2005 or newer Air, Restrooms, and Lunch Available

In lieu of awards we are providing a free lunch for all paid racers that are registered for four or more events. Lunch will be made available for the rest at a low cost. The track owner has ok'd racers that have self-contained RV's to stay overnight at the track (no camp fires).

BE SURE TO INCLUDE A LOCATION MAP REVERSE SIDE MAY BE USED				
COMPETITION DIRECTOR/CHAIR:	STIONAL COUNCIL	GOVERNOR:		
NAME: Michael Sprague & Rich Bratschi	HATIONAL SONGI	NAME:	Simon Reiffer	
ADDRESS: 7686 Tupper Lake Road	S det Z	ADDRESS: _	832 Creyts Road	
Sunfield, MI 48890	THE STATE OF THE S		Dimondale, MI 48821	
PHONE: Michael - 517.712.8946	A cub	PHONE:	517.646.2180	
Hotels and Map on next page.				

Please note: pre-registration will not be discounted this year.

#### NCCC FAMILY HELPING FAMILY



This is an brief explanation for NCCC's Family Helping Family program with some guidelines for its use.

We would like for this program to be available for use by all current NCCC members. If you are traveling and something would happen to you or your car, wouldn't it be better to have a fellow NCCC member to help you out instead of a stranger?

To make this program successful, we will need to enlist your Club and Region's assistance. Each Region Executive is asked to forward this information to each of the Governors in their region to sign up at least two or more club members from each individual club to be on the contact list. We hope out of each club member that signs up, we would have someone that has mechanical knowledge, someone with a trailer, someone with a spare bed and if someone wanted to stop and have a cup of coffee and conversation that we have someone sign up for just that.

If you decide to sign up, then you have agreed to provide assistance for free, to help out a fellow NCCC member. You have made a commitment to respond as soon as you can or to find someone else who can. We don't want someone to wait for hours just because it may be in the middle of the night. If it was you that was needing help, you would want someone to respond as quickly as possible. We would hope that the person receiving assistance would offer some type of appreciation, maybe help with gas money or even lunch.

This list will not be used for outside Solicitations or Distribution. It is intended to be used for NCCC member assistance. Please do not use this list to ask about what tires to buy or if you are looking for a particular part unless you have broken down and this is the kind of assistance you need. Do not make a mailing list for solicitations or jokes from this list.

Please utilize this list for the purpose it was created for.

Each member of NCCC will be informed on how to access this list by information provided by their club's governor. A separate form will be used for you to volunteer and that can be found on the NCCC web site below. The information you provide will be in a secure non-publicly linked, password-protected area. The password will change once a year (minimum).

We ask that the Family Helping Family form or information on the form be sent to the *Director of Public Relations* who will manage the program; Douglas McMahan can be reached at email address <a href="mailto:PublicRelations@corvettesnccc.org">PublicRelations@corvettesnccc.org</a> or cell phone number 972-998-1589.

## Savannah in August!

We're gearing up for the 55<sup>th</sup> Annual National Council of Corvette Clubs Convention August 25-29, 2014. Our convention will take us to beautiful Savannah for a week of Corvette fun and camaraderie.

We'll say at the amazing Westin Savannah Harbor Golf and Resort, offering every luxury you can imagine. This AAA Four-Diamond resort has a top-rated spa, championship golf, secluded beach access, a workout facility and an outdoor pool.

The Convention schedule brings together every Corvette activity you can think of: Car shows, racing, themed events, and awards.



## Corvette Crossroads ~ August 21 - 24, 2014 Summer Getaway to Mackinaw City



There will be lots of socializing including eating, daily ice cream runs and our bonfires on the beach at night.

With all of the Corvettes arriving, downtown Mackinaw City is the place to be on Friday night. The Pancake Chef has a nice buffet dinner and can accommodate our large group so we usually enjoy dinner there on Friday. Robert Ribar is organizing a drive and dine for Saturday evening.

#### Caravan Details

Caravan details will be highlighted soon.

### Lodging Details

#### **Beachcomber Motel**

1011 S Huron Ave. (US 23) Mackinaw City, MI 49701

1.800.968.1383 (Laurie)

#### Mackinaw City Lakefront Motels

Includes: Sunrise Beach, Northwinds, Bells' Melody, Bridgeview, Starlite Budget Inn & Capri Motels 1.800.334.7280 (Sue)

#### Waterfront Inn

1009 S Huron Ave. (US 23) Mackinaw City, MI 49701

1.866.330.6266

This year the Beachcomber Motel and Mackinaw City Lakefront Motel properties are eager to provide accommodations for our club during this event. Laurie (Beachcomber) and Sue (Mackinaw City Lakefront) have offered competitive rates that are in line with previous years, be sure to ask for them when making reservations and tell them you are with Capital City Corvette Club, Lansing. The Beachcomber Motel allows pets. If you did not receive the email containing the room rates for these properties, please email Chris at Prz922@aol.com and she will forward the information to you.

Contact Chris or Tom Wieczorek at 616.551.2460 or 313.590.9795 with any questions about the event. We hope you can join us for this weekend of fun!

Don't forget to register for the Corvette show on Saturday. Registration forms are available at: <a href="http://www.mackinawchamber.com/images/stories/documents/corvetteapp.pdf">http://www.mackinawchamber.com/images/stories/documents/corvetteapp.pdf</a>

## 25th Annual Corvette Crossroads ~ August 23, 2014

The show takes place on a paved parking lot behind Mackinaw Crossings Mall from 10:00 a.m. to 2 p.m. Saturday, August 23, 2014 with the awards presentation at 3:00 p.m. Cost to enter the show is \$25 if pre-registered by August 1, 2014; \$35 thereafter. Pre-registration packets can be picked up at the Chamber Office at 226 E. Central (next to Scalawags) between 10:00 a.m. – 6 p.m. Friday, or at the show Saturday.

Saturday evening the Corvettes parade through the downtown district and then cross the Mackinac Bridge. Parade participation is free to registered Corvettes; \$5 if taking part in the parade only.

## Activities coming up in 2014

#### **Back to the Bricks**

The Back to the Bricks week long event in Flint is scheduled for August.12th – August 16th. The Corvette reunion car show is Saturday August 16th

#### **Dream Cruise**

The annual Woodward avenue car cruise is scheduled for Saturday August 16th.

#### **Corvettes at Carlisle**

The 3 day Corvettes at Carlisle NCCC judged car show and swap meet is scheduled for August 22nd – 24th.

#### **Corvette Caravan**

A Corvette Caravan to Bowling Green, KY from all over the United States

#### When

Leaving Michigan Tuesday August 26, 2014 and arriving in Bowling Green, Kentucky on Wednesday August 27, 2014.

More Information Available at

http://www.nationalcorvettecaravan.com

#### **NCCC Convention**

It's time to start your plans for the 2014 NCCC convention. Registration begins on February 1st. The convention will be on August 25th trough August 29th in Savannah, GA More information at www.corvettesnccc.org

#### **Corvette Museum**

Labor Day weekend 2014 marks a major milestone in Corvette and Museum history; Corvette, the longest running single marquee, is in its 7th generation and the Museum, a member driven organization, celebrates the 20th Anniversary of the Grand Opening.

#### **Summer Getaway & Corvette Crossroads**

The summer getaway to Mackinaw City, MI and 25<sup>th</sup> annual Corvette Crossroads car show is scheduled for August 22 – 24. The car show is on August 23 from 10:00AM to 2:00 PM.

More information is available at;

http://www.mackinawcity.com/events/57/50/



**Crossroads 2013** 



#### **Fun Fest**

The 4 day event sponsored by Mid America Motor works and located at there Effingham, IL facility is scheduled for September 18th – 21st. The band Bachman Turner overdrive is featured.



#### Capital City Corvette Club June 4, 2014 Membership Meeting Minutes D R A F T

**Social Time & Dining** around 5:30 P.M.

**President:** Sandy Bechtel called the meeting to order at 7:03 p.m. She welcomed visitors Char and Dick Johnson who were past members. Char and Dick just wanted to say "hello" and could not stay for the meeting.

#### **Board of Director Reports:**

**Secretary: Katherine Twining** was absent and **Janet Iansiti** took her place. **Sandy** asked for approval of the minutes for the May membership meeting and they were approved.

**Governor/VP: Simon Reiffer** presented **Mike Sprague** with a regional award for his 2013 racing in which he finished 12<sup>th</sup>. Everyone applauded Mike's achievement.

Simon reported that anyone interested in the minutes from the recent Governor's meeting could find them on the regional website. He also reminded everyone that Bloomington Gold is coming up and that the details are also on the website.

**Treasurer: Mike Britz** was absent. He had previously reported to **Sandy** that all bills were paid with the exception of the Hospice show dash plaques. He is awaiting an invoice from the CCMCC.

**Points:** Sally Wardell reported the points are up to date and reminded everyone to email her if you attend a nonclub event so she can give you the appropriate points. Sandy reminded everyone there is a point for visiting the Corvette Museum. Also, she emphasized that the event chairperson is responsible for reporting points to the Points Director.

**Membership: Dave Pursel** reported we have 108 members and 48 FCOA members.

**Editor:** Jerry Wardell reported the June newsletter was sent and later he sent an addendum for a flyer he originally missed. He also had hard copies of the newsletter for anyone who needed one.

Competition: Mike Sprague urged everyone to sign up to help at Spartan Speedway. He also needs volunteers to make desserts. CCCC will host the Saturday half of the event and JCC will host the Sunday event. Jackson club assured him they had enough volunteers for Sunday and that they would also send help for our Saturday

event. We mainly need help for Saturday but should also try to assist them with Sunday.

Public Relations: Dave Averill reported the Cruise In for Kids car show raised \$2500 for the Blessings in a Backpack program with 95 cars in attendance. He received a thank you note from the mayor of Grand Ledge who is on the board for the program. Channel 6 news reported on the event. Tina Erskine will be coming to our next meeting to give all the final details on the money raised and what those proceeds will be used for. Sandy also thanked Dominique and Jerry Palacio for their generous donation of the hats that were given out in place of trophies. Dave thanked Scott Bauries for the excellent job he did on the flyers for the event.

**Social: Janet Litrenta** told everyone to watch for a flyer about a club event on June 28<sup>th</sup>. The event is still in the works. She also reminded everyone to be on the lookout for items to use as prizes at our November bingo event. Garage sale and goodwill items can be good prizes.

June birthdays were celebrated.

#### **Appointee Reports:**

**Hearts and Flowers: Angela Hyde** said she sent a card to **Jerry Wardell** who had surgery. Jerry reported all is well.

**Historian:** Sue Keith showed the club items donated by new members Dick and Connie Rosendall. The items included a list of club members from 1961, a Lee MacGillvray advertisement and a commemorative tray given out at the 1961 NCCC National Convention in St. Louis, MO.

NCM Ambassador: Joe Thomas was absent.

**Photographer: Milton Scales** reported he is learning to use our Flickr account set up by **Ted Lasher**. Pictures from the Marshall parade on Memorial Day are posted. He said the process is very slow and time consuming and that Ted should be commended for all the pictures he has posted over the years.

**Quartermaster:** Craig Iansiti reported he has put new connectors on our PA system and labeled where everything goes so it will be easier to hook up correctly for the next show. He and **Milton** had a minor issue with the system at the show last week.

**Sergeant-at-Arms: Robert Ribar** had nothing to report.

Chaplain: Gary Wyma was absent.

**Webmaster:** Gloria Reiffer reported that the Marshall parade pictures were on our website and that there is a link to a slide presentation of the Cruise In for Kids car show that is set to music. Worth watching.

#### **Old Business:**

**Sandy** reported that the Hospice Car Show over Memorial Day weekend was successful with 105 cars in attendance. CCMCC reported they will give \$2,000 to Hospice.

She also reported that Bud Kouts Chevrolet is now a partner of Feldman Automotive of the Detroit area. They are currently still our sponsor. **Sandy** and **Dave Averill** are planning to pay them a visit in the near future.

#### **New Business:**

**Kim and Sue Keith** will host a drive and dine on July 12<sup>th</sup>. All the information is on the flyer on our website. **Sue** said to bring your two way radios. **Janet Iansiti** talked about the August 9<sup>th</sup> picnic which is a going away party for **Ted and Julie Lasher**. Please

sign up and plan to bring a side dish, dessert or salad.

**Janet** reported that she and **Craig** are planning to go to Mackinaw on Wednesday, August 20<sup>th</sup>, this year and that anyone interested in joining them should email her. Plans are in the works for some group activities or side trips along with the usual Corvette Crossroads show.

Chuck Miller talked about the Blessing of the Vettes show coming up on Saturday, June 14<sup>th</sup>. Volunteers are needed to run the games for the rallies that will immediately follow the car show. Gloria mentioned they still need more yard games if anyone has one they don't already have. She also reminded everyone about the mini sponsorships that are needed for the car show. \$50 covers your registration for the show and/or rally and the rest is a tax deductible donation. Chuck had flyers available for members to pass out at events this weekend. Dave Averill had door prizes to donate to the show.

#### **Member Comments:**

**Milton Scales** said if anyone is not attending the rallies they should come to Downtown Okemos Days starting at 2:00. There will be live bands, food and a beer tent.

**Dave Averill** asked if we had a Facebook page for the club. His wife might be interested in managing one for

us. Sandy suggested he bring that up at the next board meeting.

Larry Wight said he had recently been in Bud Kouts and had talked to Dick Iding. Dick said we have a very nice group of people in our club. He asked Larry to let us know that their service discount applies to any GM product, not just Corvettes.

**Jerry Wardell** said to contact him if you or anyone you know is interested in a 1985 engine and transmission.

**Simon Reiffer** encouraged everyone to participate in the Shiawassee club car show and rally at Graff Chevrolet this coming Saturday.

**Angela Hyde** thanked **Sandy Bechtel** for hosting the recent crockpot/game night for the club. Everyone had a great time and they plan to do another event in the future.

**Sandy** showed everyone a checklist for planning a car show. **Gloria** will post the list on the website.

The 50/50 raffle was won by Chris Wieczorek

The meeting was adjourned at 7:45 P.M.

Respectfully submitted by **Janet Iansiti**, filling in for club secretary

#### Capital City Corvette Club Board Meeting Minutes – June 18, 2014

#### **Those In Attendance:**

#### **Those Not In Attendance:**

**President:** Sandy Bechtel called the CCCC Board Meeting to order at 6:25 p.m.

**Secretary: Katherine Twining** reported the May 21, 2014 CCCC Board Minutes had been approved via email.

**Governor/VP: Simon Reiffer** reported that the minutes of the recent Governors' meeting have been posted on the NCCC website. Regional Executive **Mark Hanlin** will be attending the July 2<sup>nd</sup> CCCC meeting and will speak as a part of **Simon's** report. NCCC membership numbers need to be recorded and reported in order to get points for events such as the *Blessing of the Vettes*.

Treasurer: Mike Britz emailed current financials to the Board. All bills have been paid. \$1,371 was received from *Blessing of the Vettes* for the VFW Children's Home. Mike Britz made suggestion to round up and increase the amount donated to \$1,500; this can be brought up and voted on at the July meeting. There were 13 mini sponsors, each donating \$50.00. Discussion followed regarding balloting and classes. Suggestion was made to have C1s dash cards numbered in 100's (102, 103, etc.) C2s numbered in 200's, etc. This would clarify which class the vehicle one was voting for was in, as not everyone knows exactly which years a class entails.

**Points: Sally Wardell** reports all points are up to date. The point assignment system was discussed.

**Membership: Dave Pursel** shared that were numerous good comments made regarding the rallye route through MSU campus. Current membership stands at 108, with FCOA numbers at 48.

**Editor: Jerry Wardell** reports all is good. The newsletter will be a little later than usual as he will be out of town.

**Competition: Mike Sprague** was not in attendance but will be in touch with **Mike Britz** regarding the Spartan

Speedway event; 50 new traffic cones have been reserved.

Public Relations: Dave Averill was not in attendance.

**Social: Janet Litrenta** was not in attendance.

**Appointed Officer Reports:** 

**Hearts & Flowers: Angela Hyde** was not in attendance, but will be sending a card to **Carlo Litrenta.** 

**Historian:** Sue Keith was not in attendance but is updating the CCCC display at Bud Kouts.

**NCM Ambassador: Joe Thomas** was not in attendance.

Photographer: Milton Scales was not in attendance.

Quartermaster: Craig Iansiti was not in attendance.

Sergeant at Arms: Bob Ribar was not in attendance.

Chaplin: Gary Wyma was not in attendance.

Webmaster: – Gloria Reiffer and Sandy Bechtel shared a number of emails received recently. In particular, a request to host a foreign exchange student. This will not be pursued due to liability issues. Sandy Bechtel will respond on behalf of CCCC

**OLD BUSINESS: Sue Keith** needs final figures for *Blessing of the Vettes*.

#### **NEW BUSINESS:**

**Upcoming Events Include:** August 9 Going Away Picnic for **Ted** and **Julie Lasher**, August 10 car show at the VFW Home in Eaton Rapids, and Bingo at Tamarack on November 1.

**July Membership Meeting: Tina Erskine**, Blessing of the Backpacks, and **Mark Hanlin**, Regional Executive will address the membership.

**Ingham County Medical Facility:** Staff has contacted CCCC members to display their cars; no specific date.

#### **Member Comments:**

**Simon Reiffer** brought up the CCCC engraved crystal bowl that **Sue Keith** has in her possession regarding where it should be displayed.

#### Adjourn:

MOTION was made by **Simon Reiffer** and SUPPORTED by **Dave Pursel** to adjourn at 7:23 p.m. MOTION CARRIED.

Respectfully submitted, Katherine Twining Secretary

# **PICNIC & PARTY**

You are invited to a Picnic/Going-Away Party for *Ted and Julie Lasher* 

Saturday, August 9th

1:00 PM - 5:00 PM

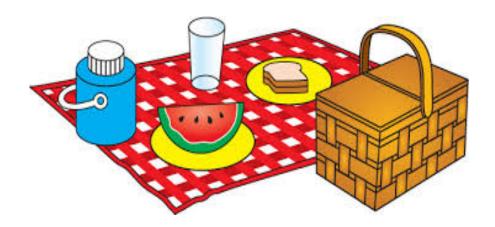
Rayner Park 622 East Ash Mason, Michigan

Bring a dish to pass and your favorite non-alcoholic beverage.

Burgers and hotdogs will be provided.

Be prepared to have fun.

There will be a pavilion, so party is rain or shine.



Contact Janet or Craig lansiti 517-282-3342 or 282-0940 or sign up at club meetings

#### Tech Tips and Mods

#### **LED Lights**

Replacing turn signal, DRLs and interior incandescent bulbs with LED bulbs is a nice mod to upgrade your corvette lighting. LED bulbs draw very little power, last nearly forever (30k+ hours), are readily available and relatively inexpensive (online). However, there is one problem you will encounter when replacing the turn signal bulbs; hyper-flashing.

#### **Hyper-Flash Fix**

Changing to LED turn signal bulbs creates an issue called hyper flash. The low current draw of the LEDs appears like an open connection in the flasher circuit and causes the flasher control to cycle at a high speed to indicate a burned out bulb. There are 2



ways to fix this (1) install a LED designed flasher (C5 or older) or (2) add load resistors in parallel with the turn signal bulbs – note: resistors get very hot).

Sources tell me the BCM controls the flash rate on a C6. On a C5 the flasher circuit is combined with the 4 way emergency flasher, so the turn signal flasher circuit needs to be separated from the emergency flasher circuit. To accomplish this you need a bypass harness with LED flasher (picture #1 above). The part is available online at suppliers such as Corvette Central.

<u>Installation Instructions – C5</u> (Note: Requires removal of driver's side kick panel and center console bezel. Detailed instructions can be found on the web.)

#### Basic steps:

- 1. Remove the 2 screws retaining the driver's side kick panel belowr the steering column.
- 2. Using a small flat blade tool pop out the fog light switch. Remove screw behind switch.
- 3. Similarly pop off the cover on the interior air sensor and remove screw behind cover.
- 4. Pop up traction control panel on console, disconnect and remove.
- 5. Remove the 2 console retaining nuts under panel
- 6. Open ashtray cover and remove screws behind ashtray and next to lighter.
- 7. Pull shifter all the way back and remove center console bezel.
- 8. Squeeze the side retainers of the sensor housing, pull forward and remove connector.
- 9. Remove kick panel. (finally!)
- 10. Disconnect battery

- Locate the flasher harness and plugs shown in picture #2. Disconnect the white plug.
- Install the harness between the two white connectors. Picture #3.
   Circuit check
- 1. Reconnect battery.
- Turn the ignition key to the run position and try the turn signals. The turn signals should flash normally.
- Turn off the key and press the four-way switch on the dash. The four-ways should function normally.
- 4. If all is correct, tuck the harness under the dash. Replace kick panel, bezel and associated parts.



#### **DRLs (daytime running lights)**

DRLs became available on some US vehicles in the early 90's. They are allowed but not mandated in the US. They are mandated in Canada beginning in 1990 and mandated in the European Union in 2011.

Corvettes with DRLs became available in the US with the C5 model (maybe earlier for Canadian exports). Upgrade kits are available for older models from a variety of suppliers. The DRL bulb is combined with the front turn signal bulb on C5's.

#### LED replace bulbs

Direct replacement LED bulbs are available for most automotive incandescent bulbs. All are available online and some at retail automotive parts stores. There are many bulb numbers used by OEMs, most are related to bulb colors and socket style. LED automotive bulbs come in a variety of light outputs determined by the number and type of SMDs (surface mounted device or LED chips). All are 12v have +/- polarity.

A few of the common bulb types and numbers are;

T3 twist lock (mini dashboard light) ...# T3 or T4
T5 wedge (mini dashboard light) ...... # 74
T10 wedge (most interior lights) ....... # 168 or 194
T25 wedge (DRL & turn signal) ...... # 3157, etc

Round bayonet base (Backup light) ....# 1157 or 2057



## Capital City Corvette Club

#### **Participation Points for Year 2014**



A

As Of: Tuesday, June 24, 2014	Member	10
-------------------------------	--------	----

28	David Averill
	Kim Beaman

- 5 James Boettcher
- 9 Connie Britz
- Terry Burke
- Sioux Cowper Sheila Day Paul Flynn
- 11 Ward Harris Jim Hoppin Dick Iding
- 43 Sue Keith Ellie Lickfeldt Lee MacGillvray
- 14 Diana Mosher Laurie Nelson
- **Howard Parks**
- 3 Ed Politza
- 13 Carol Putmon
- 45 Robert Ribar Herb Schultz
- 2 Barbara Ann Sipka Loretta Spinrad
- 10 Ralph Swan
- 5 Joseph Thomas
- 33 Jerry Wardell
- 12 Larry Wight

- 7 Ursula Averill
- 38 Sandy Bechtel
- 5 Mara Boettcher
- 35 Mike Britz Dana Conley
- 5 Dave Cripe
- 8 Art Doty Janet Gunthorpe
- 14 Howard Hein
- 32 Angela Hyde
- Laura Kazmer Fred Koos
- 5 Patrick Lickfeldt
- 18 Bob Maynard
- 4 Barb Musselman
- 23 Dominique Palacio Codi Plaskett
- 4 Suzanne Politza
- 12 Randy Putmon
- 2 Connie Rosendall Kathleen Schultz
- Thomas Sipka Steve Spinrad
- 10 Susan Swan
- 22 Harold Twining
- 31 Sally Wardell
- 10 Gary Wyma

- Jim Balla Mary Blackwood
- 14 Colleen Bratschi
- 5 NancyLee Buck **Darrell Conley**
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- 8 Nancy Doty Larry Gunthorpe
- 11 Sheila Hein
- 35 Craig lansiti
  - Wayne Kazmer
- 14 Julie Lasher
- 14 Carlo Litrenta
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- Steve Musselman
- 23 Jerry Palacio Kiesha Plaskett
- 25 David Pursel
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- Brenda Shatkosky
- 4 David Sowders Janet Sprague
- 8 Connie Taylor
- 29 Katherine Twining
- 23 Christine Wieczorek
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- 6 Joe Platte
- 3 Kathryn Pursel
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- 4 Richard Shatkosky Frances Sowders
- 8 Michael Sprague
- 8 Thomas Taylor
- 8 Sue VanAtta-Wight
- 17 Thomas Wieczorek

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40 Kim Keith

33 Jerry Wardell

58 Gloria Reiffer

38 Sandy Bechtel 32 Angela Hyde

45 Robert Ribar

35 Mike Britz 31 Sally Wardell 43 Sue Keith

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