



Midway USA Tune Up

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Or on Facebook at Midway USA Chapter NCRS

Inside This Issue:	Page	Inside this Issue:	Page
Chairman Ramblings	1-2	Swap—N- Shop	7-8
NCRS Events Calendar	2	Meeting Minutes	9
Did You Know	2	Just for Fun	9
Tech Bits January 2023 Dave Houlihan	3-4	Midway Events Calendar	10
1968 Corvette Instrument Cluster, Radio, Switch Removal—Gene Holtz	5	Membership Application	11
More TECH Tips—Dave Houlihan	6	Jus	
		Midway USA Chapter Merchandise for Sale	2

Midway USA Chapter Meeting
January 7, 2023
9:00 am
Davis-Moore Chevrolet

**NOTE: CHANGE OF DATE
ONE WEEK EARLIER**

Chairman Ramblings- Rick Smiley

PLEASE NOTE JANUARY MEETING WILL BE ON JANUARY 7TH AT DAVIS-MOORE.

Hope everyone had a very Merry Christmas and a Happy New Year.

What a Christmas Party!!! We had a large spread of food to choose from and it was really good. Usually we gather to eat till our bellies hurt and tell lies with our friends. This year was different, because we had live entertainment. Our mainliner was none other than Marsha Rowley and she was a hoot!!!! I am in negotiations to bring Marsha back for a repeat performance. I know it is early, so mark your calendars for next year's Christmas Performance.

December 8th, 2023

Thank you to Mike and Marsha for the use of their Club House and the decorations, and Dallas and Kerri for use of their tables.

Looking back at 2022 we started our chapter meetings via Zoom, and was finally able to get together in person in March. What a great feeling that was. And our computer guru, Dale Green, had the idea if our members could attend via Zoom during a lockdown why could they not attend our regular meetings after lockdown. As they say the rest is history. Thanks to Dale, now all our members have the opportunity to attend our upbeat and informative meetings every month.

Speaking of Dale, Dale will be stepping down from his role of Membership Chairman and Membership Administrator. Thanks to Dales brow beating and harassing of potential members our Chapter has grown over the years. Dale will continue in his role as Chapter Historian and Zoom Director/Producer. Thank you Dale for all you have done and continue to do for Midway USA.

Now you may be asking, who could possibly fill Dale's shoes?? I am happy to announce that Mike Rowley is that man!! Mike will assume the prestigious title of Membership Chairman/Administrator. Thank you Mike for volunteering???

What will 2023 bring for our members?

(Continue on Page 2)



Midway USA Shirt Order Update

(Continue from Page 1)

For starters, those that are interested in the various differences in Corvette dashboards there are four on-line schools right now. You can register for these schools by going to NCRS web site and looking at event registrations. The gentleman that is presenting these schools is very knowledgeable.

As for our Chapter, I am sure we will have tech sessions which are always a great learning opportunity. I am looking forward to several hands on schools. As always, we are looking for cars to Judge which is a great learning experience for both owner and our Judges.

Please keep in mind NCRS Nationals in French Lick, Indiana. This is what I would call a destination resort. If looking at Corvettes all day is not you or your wife's idea of fun, there is Horseback riding, golf, and more. For more information see the NCRS web site.

I look forward to seeing everyone for our first meeting of 2023 on January the 7th at Davis-Moore.

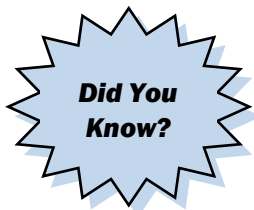
Rick Smiley
Chairman



Did You Know?

1. What wood was used to mold fiberglass around during the first productions?
A. Oak
B. Mahogany
C. Cherry
D. Maple
2. True or False: There are no records of the very first Corvette from 1953.
3. How was Corvette spelled in the January 1953 press release?
A. CoUrvette
B. CorveTe
C. CrVette
D. CorvetteY

(See Page 7 for Answer)



NCRS Events Calendar

(National & Local)

NCRS web site <http://www.ncrs.org>
then click on the Events link.

Or click the [underline link](#) for registration then enter your NCRS Forum credentials then click the event to register

2023

Jan 7	Chapter Meeting
Feb 11	Chapter Meeting
Feb 23-25	Florida Regional – Lakeland, FL
Mar 11	Chapter Meeting
Mar 23-25	Tucson Regional - Tucson, AZ
Apr 8	Chapter Meeting
May 13	Chapter Meeting
Jun 1-3	Pittsburg Tri-State Regional—Altoona, PA
Jun 3	Midway USA All Corvette Car Show
Jun 8-10	North Central Regional—Rochester, MN

Midway USA Chapter of NCRS, Inc. Established January 28th, 2009 Officers & Committee Chairs

Chairman	Rick Smiley	(316) 729-8388
Vice-Chairman	Seth Paulsen	(623) 229-2555
Secretary	Jim Coote	(316) 789-0005
Treasurer	Dallas Keller	(316) 200-4125
Judging Chair	Bev Smiley	(316) 729-8388
Events Coordinator	Mike Rowley	(316) 708-2016
Newsletter Editors	Kerri Keller & Jim Coote	
Membership Chairman	Mike Rowley	
Historian & Zoom Director	Dale Green	
Chairman Emeritus	Kurt Geis	
Region Director VII Emeritus	Dave Ewan	

Midway USA Chapter Merchandise

Midway USA Chapter Banner
Sizes Available 10" x 20" 13¼" x 23½"
2' x 5' \$25 min order requirement
X-Press Signs & Graphics
5830 W. Hendryx Ave. Wichita, KS 67209
(316) 613-2360 Call for current pricing

Midway USA Name Tag
\$7.00 + tax for either magnetic or pin type
Can be purchased at Apple Graphix
2429 W Douglas Ave (316) 942-5426

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Newsletter Editors
Kerri Keller and Jim Coote

Chapter Web Site
<http://www.midwayusancrs.org>



**Davis-Moore
Chevrolet**
8200 W. Kellogg
Wichita, KS
(316) 749-4000

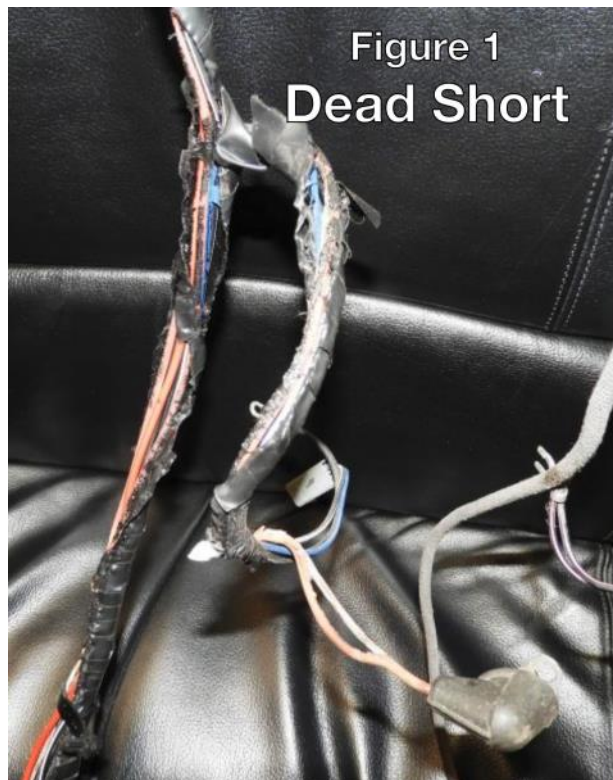
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Midway USA Chapter
of NCRS

Tech Bits: Dead Short Mid-Year Engine Wiring Harness, Jan 2023, Dave Houlihan

Every now and again, there's a post on Corvette Forum or our NCRS Technical Discussion Board with a member seeking help after their engine wiring harness burned up. This is a BYITA issue for Mid-Year cars. Figure 1. Member has, for what ever reason, disconnected/reconnected wires associated with **HORN RELAY**. However, an error on **Corvette Service Manual Wiring Diagrams**, if followed, results in a dead short. As GM's wiring diagrams were source information for other vendor's Corvette wiring diagrams, often this error is perpetuated.

Figure 2 is a section of 1966 Corvette Wiring Diagram. Figure 3 is a corrected wiring diagram with annotations. And Figure 4 is a highlighted area of diagram changes.

Best analysis of this issue is from **Richard Mozzetta**, a moderator on our NCRS Technical Discussion Board. Bottom link is source of Richard's italicized comments that follow.



What wiring diagram did you use when you reconnected wires to the Horn Relay? If you used the Service Manual Wiring Diagram, that could have caused you to create a mis-wire as the wiring diagram is wrong.

There are 5 wires to the Horn Relay. A small gauge Black and Green go the blade terminals from the horn button/horns. There are 3 other wires, a Red, a Black, and a Black/White tracer. These are the Power and Battery Gauge wires, and Ground feed.

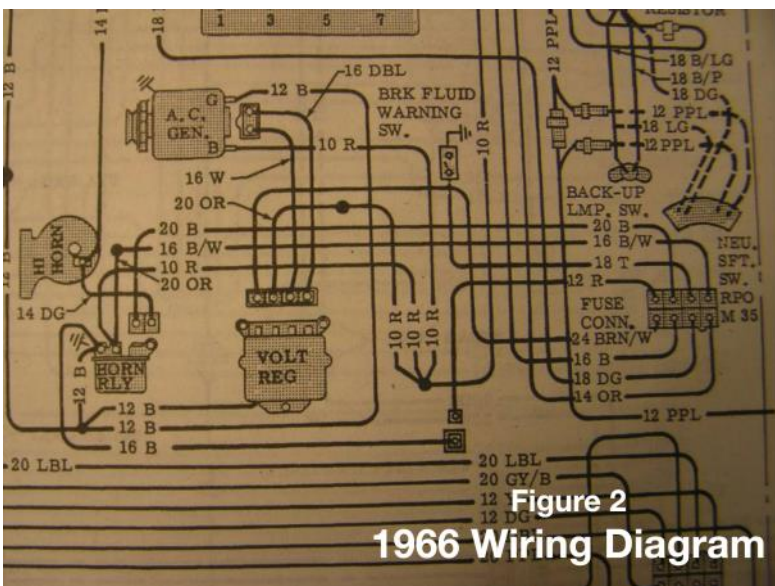


Figure 2
1966 Wiring Diagram

(Continued to Page 4)

(Continued from Page 3)

Red goes to Buss Bar. (Main Power Feed from BAT+ Solenoid terminal)

Black/White goes to Buss Bar. (Source to Battery Gauge Sense terminal)

Black is Ground which attaches to Horn Relay Mount Bolt which screws into Radiator Support.

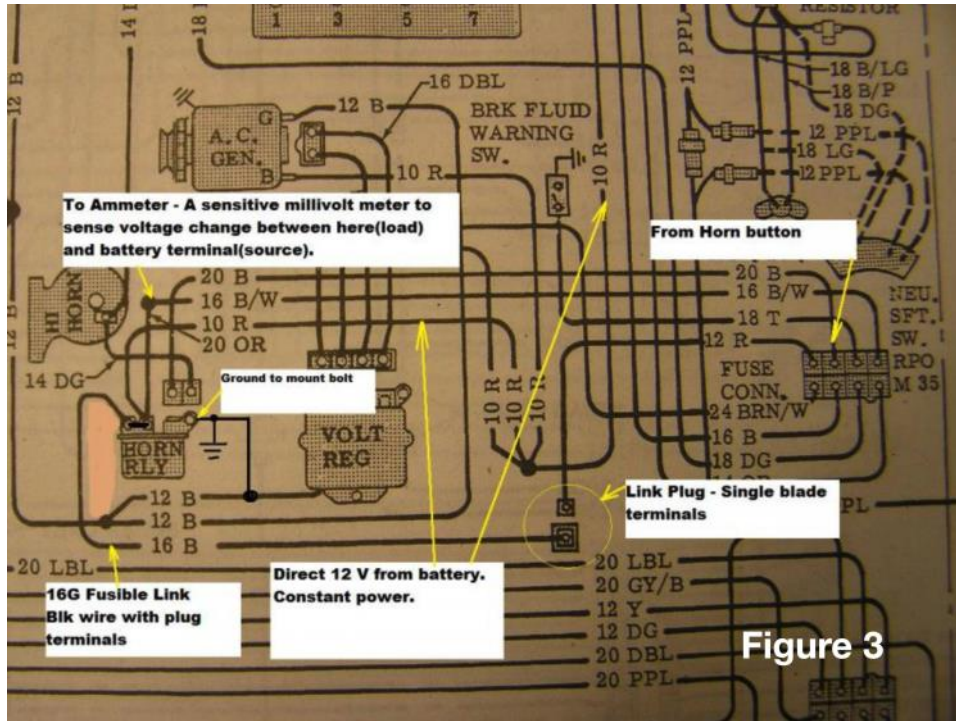


Figure 3

The 1966 CSM (and other years) Wiring Diagram is misleading and shows the Black (Ground) as being attached to the Buss Bar, not the Mount Bolt. This mis-wire would cause a dead short between Power and Ground and may be your fault.

This is a 1967 diagram error but the 1966 is also in error and excludes the Fusible Links. (1966 PDF attached and also shows error)

Seems like some photos, tags, and notes are in order when servicing these wires - put Humpty Dumpty back together again.

Dave

<https://www.forums.ncrs.org/showthread.php?119003-melting-power-wire>

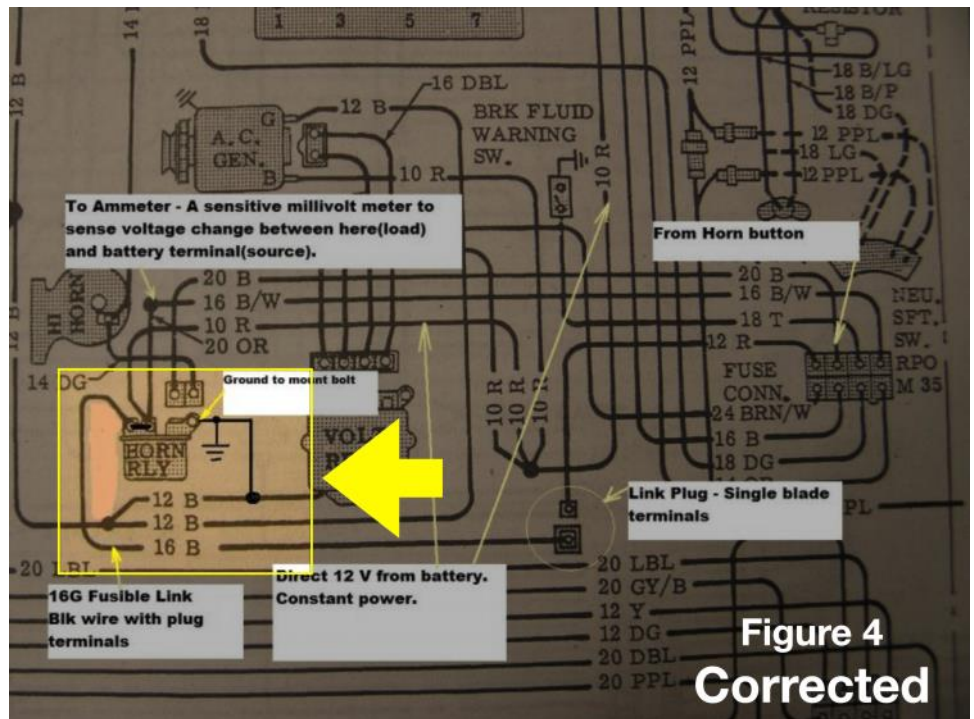


Figure 4 Corrected



1968 Corvette Center Instrument Cluster Removal

Revise the procedure for 1968 Corvette "Center Instrument Cluster" removal, given on Page 12-31 of the 1968 Passenger Car Chassis Service Manual as follows:

1. Disconnect battery positive cable at battery.
2. Remove wiper switch trim plate screws and tip plate forward for access to remove switch connector. Lift trim plate out from cluster assembly.
3. Unclip and remove right and left console forward trim pads to gain access to studs at lower edge of cluster assembly.
4. Remove nuts from studs at lower edge of cluster.
5. Remove remaining screws retaining cluster assembly to instrument panel.
6. Remove right instrument panel pad.
7. Remove radio knobs, bezel retaining nuts and one radio support bolt (from behind cluster assembly).
8. Slide radio back towards firewall and pull cluster forward. Reaching behind cluster, disconnect oil pressure line, wiring harness, and bulbs.
CAUTION: The center instrument cluster trim plate is designed to collapse under impact. Consequently, do not try to deflect the cluster plate forward to gain more access to back of gauges.
9. Lift cluster assembly up and forward for removal.
10. To install cluster assembly in the dash, reverse 'Removal' procedure Steps 1-9.

1968 Corvette Radio Removal Procedure

The following procedure covers radio removal on all 1968 Corvettes (including when equipped with air conditioning). This procedure is being published for the first time.

1. Disconnect battery ground cable.
2. Remove left and right door sill plates and kick pads. Disconnect radio to speaker connectors (left and right side).
3. Remove right side dash pad.
4. Remove right & left console forward trim pads
5. Remove one (1) bolt securing heater floor outlet duct to center distributor assembly (reference Fig. 12 on page 1A-7 of the 1968 Passenger Car Chassis Service Manual).
6. Remove floor outlet duct by pulling it through left hand opening.
7. From front of console, tape radio push but-

tons in depressed position. From rear of console, disconnect electrical connector, brace and antenna lead-in.

8. Remove radio knobs and bezel retaining nuts. Push radio assembly forward (towards front of car). From rear of console, tip back of radio up and remove from right side opening.
9. To install, reverse 'Removal' steps 1-8.

Ignition and/or Lighting Switch Replacement—1968 Corvette

Revise the procedure for ignition switch replacement on the 1968 Corvette when equipped with air conditioning and the procedure for 1968 Corvette lighting switch replacement (all models, regardless of whether or not the unit is equipped with air conditioning) as indicated below. These procedures supersede those published on Pages 12-16 and 12-17 of the 1968 Passenger Car Chassis Service Manual covering the same subjects.

1. Disconnect battery ground cable at battery.
2. Remove screws securing mast jacket trim covers and remove covers for access to steering column to instrument panel mounting bracket.
3. Unclip and remove the left side console forward trim panel so that left side instrument cluster may be lowered for access to the ignition switch or light switch in latter steps.
4. Lower steering column.
5. Remove screws and washers securing left instrument panel to door opening, top of dash, and left side of center instrument panel.
6. Pull cluster assembly down and then tip forward for access to the ignition switch or light switch.
7. To remove ignition switch—
 - a. Using a screwdriver, unsnap the locking tangs on the connector and unplug from switch.
 - b. Remove switch lock cylinder, switch retaining bezel, and ignition switch.
8. To remove light switch—
 - a. Depress the switch shaft retainer and remove the knob and shaft assembly. Remove the switch retaining bezel.
 - b. Disconnect vacuum hoses from the switch, tagging them for assembly. Pry the connector from the switch and remove the lighting switch.

To install replacement switches, reverse the 'Removal' steps. It should be emphasized here that the 'Ignition Switch Removal' procedure given in this article applies only to 1968 Corvettes with air conditioning. For ignition switch replacement procedures which apply to 1968 Corvette without air conditioning, refer to Page 12-16 of the 1968 Passenger Car Chassis Service Manual.

When welding I use small powerful magnets to pick up a lot of metal debris. It can be difficult to get this metal off the magnet. However, gorilla tape works pretty well to clean them up.



Swap-N-Shop Wanted

Unloved Corvette Wanted

I know that the C3 body style, particularly the plastic bumpers ones are the ugliest and most unloved Corvettes of all time. Underpowered, uninspired styling, boring, I've heard it all. Regardless, I love the C3 body style and want to learn more about them by purchasing, repairing, preserving and then working thru the NCRS judging system. Many of you know I have had a 1981 for 20 years, and this summer I purchased a 1979 that had been sitting untouched for years. It has been so fun learning the differences between my 1981 and this 1979 and the nuances of each car. If you know of a 1974-1982 Corvette that has been sitting unloved in the garage, let me bring it back to its former glory. The prior owner of my 1979 has been thrilled to see her baby back on the road again and earning awards as I have kept her updated with the progress from unloved to Top Flight. Thank you for any leads!

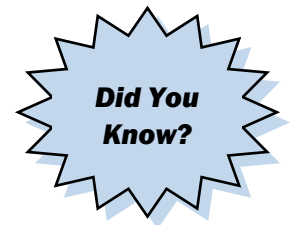
Brad Hillhouse

402-730-6898

BradHillhouse@yahoo.com

Did You Know Answers (Continued from Page 2)

1. What wood was used to mold fiberglass around during the first productions?
 - A. Oak
 - B. Mahogany**
 - C. Cherry
 - D. Maple
2. **True** or False: There are no records of the very first Corvette from 1953.
3. How was Corvette spelled in the January 1953 press release?
 - A. CoUrvette**
 - B. CorveTe
 - C. CrVette
 - D. CorvetteY



We still have several members that have not renewed their dues for 2023. Dues are \$25 per year. We are hoping not to lose any members, so if you have not renewed your dues and plan to do so, please bring your 2023 dues to the January 7th Chapter Meeting or mail your dues to:

Dallas Keller
13502 W. Rolling Hills Drive
Wichita, KS 67235

Dues should be paid no later than January 7, 2023.



Swap-N-Shop For Sale

FOR SALE:

Gas Tank Anti-Squeak Pads for C2/C3 - Thick like factory originals, 2 & 3 inches wide Pair \$20.00 plus shipping.
Call Dallas Keller (316) 200-4125

1968 Only Wheel (1) K18 5 13 AG—\$150

Set of 4 NOS Valve Stem Extensions for '68-'73 PO1 and PO2 Hubcaps \$200 per set plus shipping
Call Dallas Keller (316) 200-4125

Hard to Find:

Headlight Washer "Y"
1969 only
Nice Reproductions
\$20.00 plus shipping
Call Dallas Keller
(316) 200-4125



1 Gallon of DuPont Lucite Acrylic Lacquer Paint. DuPont Code 2930L
1959 Corvette Crown Sapphire Turquoise
1 full gallon - Mixed on 10/07/1982
\$250.00
Kent - (316) 393-2192

Swap-N-Shop Wanted

Looking for original 1992-1996 factory Corvette C4 exhaust. I bought a 1994 with an exhaust system that had been modified by the prior owner and I am trying to put it back to stock. From the factory, the entire "cat back" portion of the exhaust was one big welded system all the way back to the mufflers. I don't need the exhaust manifolds or catalytic converters or O2 sensors. Prefer the 92-96 version with the black rectangle exhaust tips as shown in this photo.
Brad Hillhouse 402-730-6898
bradhillhouse@yahoo.com



Services Available

National NCRS member, Lindsey McElhaney (60247), now has the capability to remove C3 broken headlight mounting screws and repair threads in the lid. If you are in need of this service, contact Lindsey at 316-641-5138 for more information.

Bowtie Breast Cancer Awareness Pins \$5.00 each



Meeting Minutes - Midway USA Chapter of NCRS, Inc.

There are no meeting minutes from the December Christmas party, other than we all had great food and lots of fun!

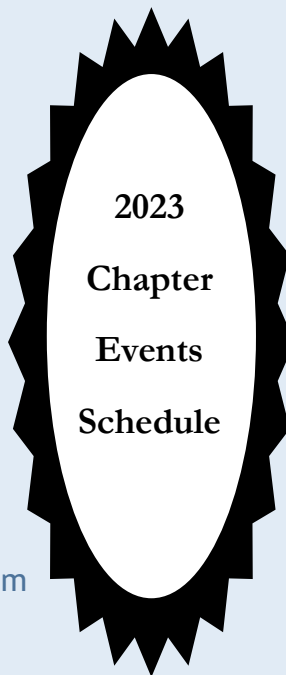
Just for Fun!

Not for sale. I'm gonna fix it up one day.



2023

- Jan 7 Chapter Meeting NOTE CHANGE OF DATE
- Feb 11 Chapter Meeting
- Feb 23-25 Florida Regional – Lakeland, FL
- Mar 11 Chapter Meeting
- Mar 23-25 Tucson Regional – Casino Del Sol
- Apr 8 Chapter Meeting
- May 13 Chapter Meeting
- Jun 1-3 Pittsburgh Tri State-Regional – Altoona, PA
- Jun 3 Midway USA Chapter Annual All Corvette Show
- Jun 8-10 North Central Regional – Rochester, MN
- Jun 10 Chapter Meeting
- Jul 23-27 NCRS National Convention – French Lick, IN
- Sep 14-16 Ontario Regional – Canadian Warplane Heritage Museum
- Oct 19-21 Texas Regional – Frisco, TX



Sep 7-11, 2025 - NCRS National, South Pointe Casino, Las Vegas, NV.

NCRS Cars in National Corvette Museum Rotunda for a year starting June 2023. For 70th Birthday of Corvette. 18 cars total - there will be a application required. Details to follow from National.

National New Information Page

In case you have not seen this on NCRS Technical Discussion Board, the link below takes you to a new information page with links to current NCRS announcements and documents.

<https://www.ncrs.org/contact/documents.php>





Date _____ NCRS Member # _____

National Corvette Restorers Society
Midway USA Chapter of NCRS
<http://www.midwayusancrs.org>
Membership Application

Member _____

Address _____ City: _____

State _____ Zip: _____ - _____ Email: _____

Home Phone _____ Mobile _____

List of Corvettes:

Year	Color	Style	Additional Comments for Corvette
_____	_____	_____	_____
_____	_____	_____	_____

Restoration Experience (if any) _____

Midway USA Chapter of NCRS in Wichita, KS

promotes the enjoyment, preservation and restoration of Chevrolet Corvettes.

We meet the 2nd Saturday of each month, 9:00 a.m. at Davis-Moore Chevrolet 8200 West Kellogg.

The National Corvette Restorers Society is a non-profit hobby group of thousands of families dedicated to the restoration, preservation, history and enjoyment of Corvettes. Membership in the National Organization is required in order to join local chapters. Below is the website for the National Organization.

The NCRS has organized Local Chapters around the world. Local Chapters provide the opportunity to meet NCRS Members in your region who share your love of Corvettes and the restoration and enjoyment of these fantastic cars. Chapters hold local events such as Judging Meets, Judging Schools, Road Tours and occasional social events.

If you wish to get the total NCRS experience you need to belong to one or more Local Chapters. The NCRS membership is made up of people who join for the cars and continue for the wonderful friends they have made. The easiest way to be part of that experience is through membership in Local Chapters.

Chapter Membership Dues:

Midway USA Chapter of NCRS (\$25.00) __ Check # _____ Cash _____

Nat'l NCRS Membership is Required. Register by Internet <http://www.ncrs.org/services/membership>

Nat'l NCRS Membership is \$50.00 Register by Phone (513) 760-6277

Think will be \$60.00 as of Jan 1, 2023

Mail this application and check written to **Midway USA Chapter NCRS:**

Dallas Keller - Midway USA Treasurer

13502 W. Rolling Hills

Wichita, KS 67235-8230

(316) 200-4125

