

# MAGNETO



## HISTORIC FREDERICKSBURG REGION Antique Automobile Club of America

January 2024

Volume 67, #1

### 2023 OFFICERS AND COMMITTEE CHAIRS

#### EXECUTIVE BOARD

John Garnett	President
Terry Thomann	Vice President
Mark Irving	Treasurer
Nora Aftel	Secretary
Paul Myers	Past President
David Armstrong	At Large Member thru 2024
Frank DuVal	At Large Member thru 2025

#### COMMITTEES

Wally Hunt	Meet Chair
Robert Aftel	Chief Judge
Sam Enfield	Magneto Editor
Nora Aftel	Webmaster
Wally Hunt	Membership & Activities
Terry Thomann	Legislative Chair
Connie Brown	Sunshine Chair **
Ben Schooler	Chaplain
Doug Makin	Historian

### MONTHLY MEETINGS

Monthly meetings of the Historic Fredericksburg Region AACA will continue on the 4<sup>th</sup> Tuesday each month, except December, starting at 7 pm at the Fredericksburg VFW, 2701 Princess Anne St, Fredericksburg. Members will be notified of any changes. The next meeting is February 27, 2024.

### MEMBERSHIP

We are always looking for new members. If you or someone else you know is interested in joining our club, please come to one of our membership meetings. For more information on membership, please contact our Membership Chairman Wally Hunt at 540-424-0212.

**\*\*Please call Connie (540-993-7941) with input for the **Sunshine** Committee.**

## PRESIDENT'S MESSAGE

Greetings and Happy New Year! It's a little hard to believe that January is more than half over. I hope 2024 is off to a good start for all of you. We had a very successful 2023 with two major shows and lots of other good activities. The year ended with a well-attended Christmas party. Thank you to Wally and Liz for making this event a success.

Regarding activities, a number of events are right around the corner. Several of us are on the way to the Daytona Rolex 24 Hr race January 27-28. Great event – rain in the forecast – ug. The AACA annual meeting is an easy drive for those interested in some of the meetings and presentations. Consult your Antique Automobile Magazine for details February 8-10. The annual Grand National Show is being held at Charlotte in conjunction with the Spring Auto Fair. This is a dual meet. Grand National is open to cars which have received their Senior status. Both meets require preregistration. This can be done online or via mail. Check your magazine or AACA web site. If you have never attended a national meet I highly recommend doing so. Lot to see, judging school to attend and in the case of Charlotte an excellent flea market. If you have not entered your car in a national show now is the time. Any of us who have done so would be happy to help with questions, look at your car from the prospective of a judge, etc. Just ask. Lots of good help in our club.

Our June show plans are coming together per Wally and Robert. We should have an update at our next meeting. Following our June show we have the opportunity to help host the AACA Eastern Divisional Tour. Dates are June 9-13. I hope many of you will be able to give a day or two to this effort. Details to follow.

Please remember our new meeting location and time. VFW, 2701 Princess Anne St, Fredericksburg Va. 7:00 PM. As always we need program material. Many thanks to all the presenters in 23. November's presentation by Tom was a hoot! Let's continue to think outside the box for fun and/or educational ideas.

See everyone Tuesday evening.

John

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## **MONTHLY MEETING 28 NOVEMBER 2023**

Meeting was held at the VFW Hall in Fredericksburg. There were 27 members and 4 guests in attendance.

The meeting was called to order at 7:00 PM by John Garnett, President.

**Minutes:** The October minutes were approved as published in the Magneto.

**Treasurer's Report:** Mark presented the treasurer's report.

**Dues:** National and Local Dues need to be paid for 2024.

**Sunshine Report:** There was quite a summary for the end of the year.

- J is at the meeting in November.
- Ben requires heart surgery. He is a candidate for the "Watchman Program"
- Carey is recovering from knee surgery and was at the meeting.
- Paul Petrill and his new wife, Marta (Marta) are celebrating their recent wedding.
- Jim Lowe is in a holding pattern.
- Jane Shelton's treatments didn't work; she is looking into Johns Hopkins.
- Ken Loucks recently ran into Hank at Mission BBQ
- Millie had a clear mammogram
- Lauman and Frances are moving slowly; but they are taking care of each other.

### **Guests / New Members**

Travis Turner works at Mary Washington Hospital. He has an original '69 Camaro and a '70 Challenger TA.

Dave Harvey is a VFW Member with a Corvette, a 2001 and a 442 Olds (being restored).

Mike Berrios and his mom, Nuriya Smart join us with a '66 Dodge Charger.

WELCOME!

### **Old Business**

Meetings for 2024 will be held at the VFW on the **4<sup>th</sup>** Tuesday of the month. The club voted and none were opposed. The by-laws will need to be updated accordingly.

### **Upcoming Events**

- 12/2 – Spotsy Christmas Parade, 2 cars requested. No requirement for convertibles, although it is a plus. Rain Date 12/9.
- 12/3 – HFRAACA Christmas Party – Castiglia's on Courthouse Road in Spotsylvania. 1300. Buffet and non-alcoholic drinks are \$23/person including taxes and tip.
- 12/9 – Toys for Tots Toy Run – Walmart to the warehouse – all toys must be turned in by 12/12.

- Feb 8-10 – Annual Convention, in Chantilly, VA – Westfields Marriott Washington Dulles
- March 21-24 – Winter Nationals in Puerto Rico
- April 4-6 - SE Spring Nationals and Grand Nationals in Charlotte
- May 2024 – ODMA Meet in Roanoke, VA. At the Holiday Inn near 581/Airport – Airport Conference Center.
- June 1 – HFRAACA Show at Fburg Fairgrounds, (Jeannette Requested to round up 3 food trucks) Fairgrounds to sell water and soda at the concession stand.
- June 2<sup>nd</sup> HFRAACA Tour
- 6/9-13 Eastern Divisional Tour, Buzzards Breath Touring Region, To be held in Fredericksburg area with the Host Hotel being the old Hospitality House in Central Park. **They are looking for help**; members are needed. A silent auction can be held with proceeds benefitting HFRAACA. The tour will include mainly AACA cars – post WWII, highway capable cars.

### **New Business**

Nominations for an at-large member are needed. Based on Frank Duval being the only nomination, he has been named the at-large member through 2025.

**Benevolence:** We have collected \$156 for the Food Bank through Pass the Hubcap. There will also be a collection at the Christmas Party for the Food Bank. The club voted and decided to donate an additional \$300 from the club.

**By Laws** – There is a change necessary to make the by laws reflect the 4<sup>th</sup> Tuesday of the month for meetings. Does anyone have a copy of the by-laws that are newer than 2009?

Jim Holt noted that the Stafford Christmas Parade is on 12/16. Please let Jim or Terry Thomann know ASAP if you want to join them.

### **Presentation**

Tom Bernardo gave a fun presentation. Tom has a '66 Mustang, a '67 VW Bug, and an '80 MGB. He started out by saying that he is very impressed with the knowledge and skills of HFR members. Tom has always been a sports guy. But he has developed his skills and come a long way. Tom ended the night with a fun car trivia quiz – with prizes!! Thank you, Tom for a very entertaining presentation and the awesome prizes too.

**Volunteers are needed for future presentations. Please consider how you can contribute – it does not have to be technical or even car related.**

The next meeting will be the 4<sup>th</sup> Tuesday of January, 1/23, at the VFW Hall at 7 PM. The main entrance is on the side of the building. Go in and turn right – the room is 4 steps up.

Ben closed the meeting with a prayer.

The meeting was adjourned at 8:30 PM.

## **2024 HFR CALENDAR**

### **JANUARY**

23 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg.

### **FEBRUARY**

8-10 AACA Annual Convention, Westfields Marriott, Chantilly, VA.

27 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg.

### **MARCH**

26 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg

### **APRIL**

4-6 Southern Spring Nationals, Charlotte, NC, hosted by Hornets Nest Region.

17-21 Spring Carlisle, Carlisle fairgrounds, Carlisle, PA.

23 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg.

### **MAY**

10-11 Mid-Atlantic Pre-War Swap Meet, Luray, VA.

11 64<sup>th</sup> Apple Blossom Meet, Winchester, VA, hosted by Shenandoah Region.

11 Classic Car Show, Harrison Rd Elementary School. Fredericksburg.

28 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg.

### **JUNE**

1 67<sup>th</sup> Annual HFR Car Show, Fredericksburg Fairgrounds.

2 HFR Tour.

8 Richmond Region Car Show, St John's Villa.

9-13 AACA Eastern Divisional Tour, Fredericksburg.

25 HFRAACA meeting, 7 pm, Fredericksburg VFW, 2701 Princess Anne, Fredericksburg.

### **OTHER**

Other local car shows can be found in the AACA publication Antique Automobile, at [www.capitalcruisin.com](http://www.capitalcruisin.com), at [www.carclubcouncil.com](http://www.carclubcouncil.com), & on the HFR Facebook page.



Terry & Steve B. in Spotsylvania Christmas parade on 2 Dec.



At HFR Christmas dinner on 3 Dec, J & Connie were presented a plaque & gift card as HFR thank you for their years as HFR car show chairman & aide.





*Steve B. photo: HFR had 6 vehicles in the Stafford Christmas parade on 16 Dec.*



*Rob photo: Angie continues to build the T.*



## **Authorships during Restoration – for Outyear Preservation**

### **How a *Warning Shot* drove 7 Books and Papers**

**By Neil, the Magneto's *Mystery Author and Contributor***

#### Article 23

Throughout the multi-year restoration of the 1999 Hyundai Elantra that I have been undertaking, I have taken on an extra level of effort focused on learning and documenting the car's entire electronics. This has involved dissecting and reverse-engineering all of the car's computers and mapping all the computers' interfaces. The effort also has included the electrical measurements and analyses of all the car's sensors and actuators. During the journey, the electronics work, results, and findings have been documented in a series of books and papers, generally one book per computer system - but also a computer-diagnostics and self-diagnostics book encompassing all the computers together. (This multi-computer book was the first book authored and spans all Hyundai Elantras from their first introduction in the U.S. in 1991 through 2000 – Elantra generations 1 and 2. Each year is covered - 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, and 2000, per computer system.)

So, why did I tackle an effort of this magnitude? Well, several reasons. One was curiosity. I wanted to know how everything worked. But, another reason was to ensure the long-term outyear preservation of the Elantra, by documenting and thereby providing for others the contemporaneous restoration and engineering/electronics baselined-findings that do not exist elsewhere. And, this reason can be explained and understood best by what I was observing as the restoration years were proceeding.

I was noticing a rapid diminishment in the number of early Hyundais on the roads. So, I looked into this and did some legwork. In checking with the Hyundai dealership, I learned that no customers come into the dealership anymore for any Hyundai repairs or parts for Hyundais from the 1980s (Hyundai's first introductions in the U.S. were the Excels in 1985 and the Sonatas in 1989 – with the Excels having had so many electrical issues that new sales back then had dropped to 1 per month at the dealership) ... and no customers come in anymore for repairs or parts for Hyundais from the 1990s for any 1<sup>st</sup> generation Scoupes, 1<sup>st</sup> generation Accents, 1<sup>st</sup> generation Elantras, 1<sup>st</sup> generation Tiburons, and 2<sup>nd</sup> generation Sonatas - and only 1 customer comes in for any 2<sup>nd</sup> generation Elantra parts. Also, in checking with a high-volume car repair shop – with a long history in the area, the data in their system agreed with the dealer's information, showing that the repair shop had had no Hyundais from the 1980s nor 1990s having been brought in for repairs since the early aughts! Further, in checking with the regional automotive junkyards, they no longer have any Hyundais from the 1980s nor 1990s. Zero. Further still, in checking the active on-line Hyundai forums, there are only a couple of posts (over the past couple of years) from owners with Hyundais from the 1980s and 1990s – with most of those posts being from overseas and none being the original owners. And, in checking the availability of factory parts for the early Hyundais, the stocks are largely depleted and unavailable and discontinued - with no back-ordered parts possible, being out of production.

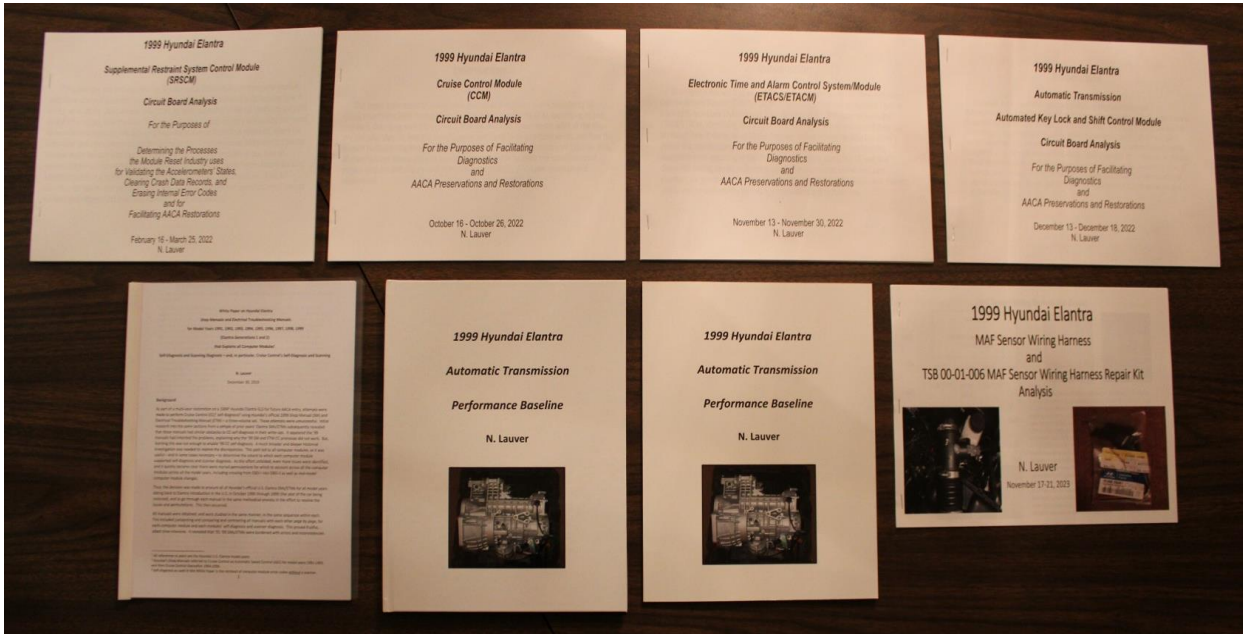
Thus, my anecdotal observations were an important *warning shot*. The number of remaining early Hyundais had been declining even more than I had realized and continues to significantly dwindle. The supply of remaining early factory Hyundai parts has been declining at an alarming rate and continues to significantly dwindle, with much of the originally U.S.-warehoused parts now largely depleted ... and with much of the originally Korean-warehoused parts also now largely depleted – which is further complicated by the long-distance logistics and time-zone issues involved in trying to obtain those parts ... and with no factory- nor supplier-re-manufacturing of the depleted stocks



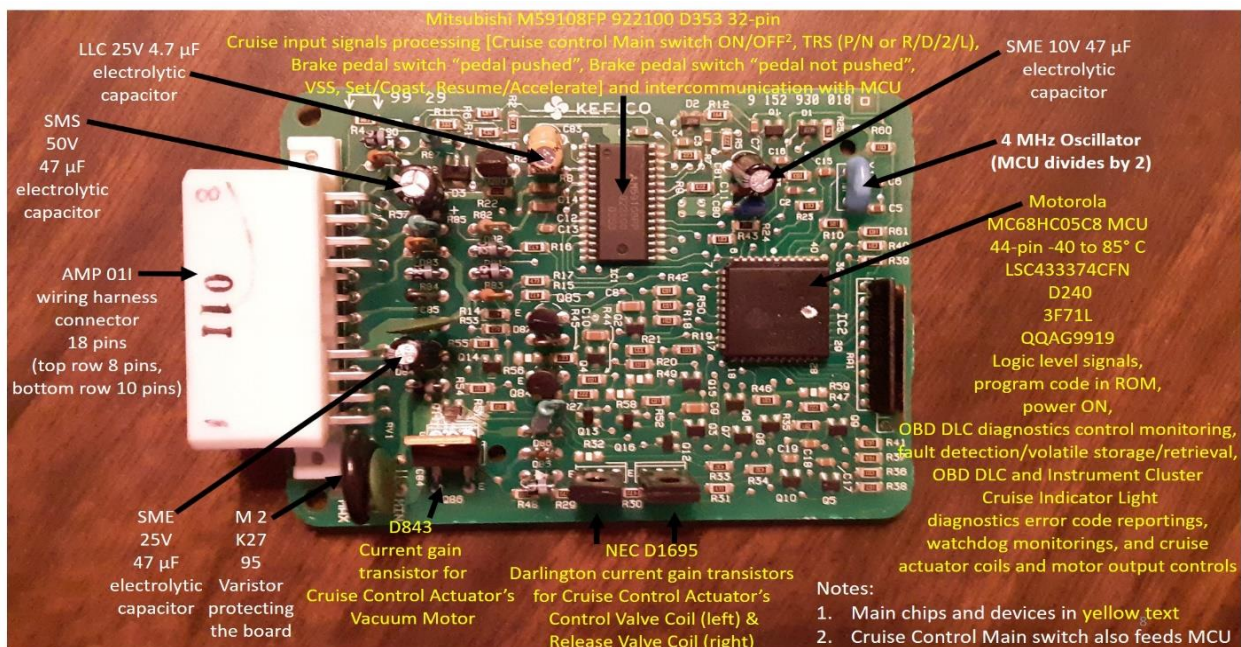
occurring ... and with little availability in the way of aftermarket Hyundai parts (and with those not being desirable anyway). The warning shot *alerted* that time is of the essence for saving the early Hyundais *and* that Asian cars and cars with advanced electronics pose their own unique restoration and preservation undertakings - with significant challenges.

And so, if I wanted to finish the restoration and provide for the car's long-term preservation while concomitantly achieving AACA's goals of authenticity and originality, I had to likewise invest the time and energy to fully understand the outyear electronics, computer, and electrical issues that will ensue. And, at that point, it made sense to author the books and papers and pre-purchase the factory parts remaining available - including the computers, as these books and parts will be vital for the car's distant survival.

The 7 Authored Books and Papers, with the A.T. Book published in Hardcover and Paperback



An example page from one of my authored computer system books on the Elantra







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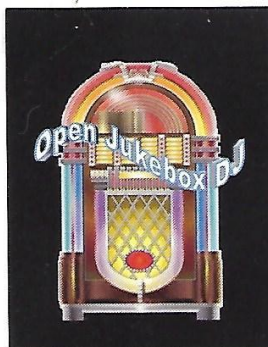
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