



Dixie Vintage Antique Automobile Club, Inc Newsletter

<https://www.facebook.com/dixievintageauto/>

November, 2023 Hoover, Alabama

Hoover TACTICAL FIREARMS
BUY SELL TRADE
Dixie Vintage Cruise-In@ Hoover Tac meets on the 1st Saturday each month year round 8A-11A.

Visit <http://WWW.DVAAC.COM> for more information about Dixie Vintage Antique Automobile Club.

You may mail your dues (\$20) check to:

Ed Zanaty, 1312 Forest Ridge Court, Birmingham, AL 35226.

Checks should be made payable to Dixie Vintage Antique Automobile Club. Thank you!

Dixie Vintage Events

Non Dixie Vintage Member

DIXIE VINTAGE EVENTS

Dixie Vintage First Saturday Cruise-In:
Saturday, November 4, 2023, 8-11 am.
Hoover Tactical Firearms
1621 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Business Meeting:
Tuesday, November 14, 2023, 6 pm.
Dale's Southern Grill
1843 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Mid-Month Cruise-In:
Saturday, November 18, 2023, 8-11 am.
Dunkin Lakeshore
300 Commons Drive
Homewood, Alabama 35209

The gentleman below is not a Dixie Vintage Antique Automobile Club member. However, he is a member of the Studebaker International Addicts and lives in Cuba. The degree of difficulty getting car parts in Cuba is very high. Yet his ride looks great. I have seen several of these fine classic cars while working in Havana. The skill level and ability to keep these cars running and looking good is impressive.



"Dixie Vintage Cruise-in at Hoover Tactical "

We will vacate the lot by 11:00A. Upon arrival at the cruise-in please park in spaces closest to Hwy 31 between Hoover Tactical and O'Reilly Auto parts. The other side of the parking lot is reserved for Hoover Tactical customers.

New Process for Ordering Name Tags

Dixie Vintage has streamlined the process for ordering name tags. This new process will expedite the delivery of your nametag to your home. The member needing a name tag will complete an order form and mail it with payment to Crown Trophy. The finished name tag will be mailed to you.

We encourage each of our members to own and wear a Dixie Vintage Car Club name tag. We really do want to get to know you. The cost of the name tag is \$10.00.



Newsletter Editor

Do you have a classic car story?

Please let us know.
Text us at 205-276-4423

New Car Members

New Members:

Charles and Paula Trammell
Hoover, Alabama
1973 Corvette
1971 Mustang Mach 1

Welcome to the Club!

Winner of the Drawing:

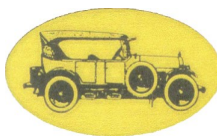
Danny Parker
Congrats Danny!

Pictured right is Elijah pulling the winning drawing ticket.



Dixie Vintage Antique

Automobile Club



The Dixie Vintage Antique Automobile Club Newsletter is published monthly by Dixie Vintage Antique Automobile Club, Inc., a non-profit Alabama Corporation. The purpose of this Club is to promote interest in restoring and preserving antique, classic, and special interest old cars; and to provide a social club for members and their families of mutual interest to all. Monthly meetings and activities are conducted in a variety of locations. We encourage membership from other automobile clubs and orphan marquees.

The only requirement to become a member of Dixie Vintage Antique Automobile Club, Inc. is an interest in the history and preservation of automobiles.

2023 Board of Directors

Ed Zanaty, Chairman, President, Membership
edward.zanaty@gmail.com

205-942-1312; 205-585-8580

Jim Black

205-527-9346

Steve Owen

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Automotive Wiring

By

John E. Krauser

Automotive wiring is used in every function of a vehicle's operation. In modern vehicles wiring harnesses (a group of wires bundled together) are complex due to all the sensors that monitor vehicle operation and location. These sensors send signals to an onboard computer that analyzes each operation and sends appropriate signals back to the sensors. Sensors make adjustments that help insure correct vehicle operation. One failed wire connection, and the vehicle can be rendered useless. And quite often wiring systems are overlooked when a failure occurs.

Modern automotive wiring harnesses are made by a third party, based on the manufacturer's specification. Construction of a wiring harness is labor-intensive. Much of the manufacturing process in making a harness is done by a combination of manual labor and automation. Automated machines can measure, cut, and strip wire in preparation for connectors to be added. Connectors can be added and crimped by a hand or with the aid of a machine.

Modern wiring harnesses manage up to 40 different systems, 600 to 700 connectors, and around 3000 wires. A vehicle's wiring harness may use over a mile of wire and weigh 100 plus pounds. The harnesses are enclosed in a plastic mesh that protects the wire from mechanical damage. Connectors are usually molded in a plastic or phalanx casing that offers protection from corrosion and mechanical damage.

Wiring systems on our classic rides are very primitive compared to today's modern vehicles systems. After years of environmental and operational wear the older wiring systems are no longer functional or safe. The time will come to get these replaced or repaired, as necessary. Fortunately, there are options available for full wiring harness replacement for our rides.

There are companies that will build a new wiring harness to look and operate just like the OEM (original equipment manufacturer) harness. Materials used in a new harness will be superior to what the vehicle had when it was new. If the new harness looks just like the OEM its cost will be high. Other wiring harnesses with correct wire color coding are made with a plastic coating. The cost will be less expensive. Budget and authenticity will dictate what type of harness will be installed. Generic wiring harnesses that can be adapted to a wide range of vehicles are available at a reasonable cost. But one word of caution, make sure to purchase a harness where the wire is 100% copper. This type of wire is referred to as "Primary Wire" and is a good choice for automobile usage. Copper wire conducts electricity with little loss of voltage. That's an important characteristic to keep in mind.

A type of lower quality/cost wire is readily available for automobile use. It is known as Copper-clad aluminum or CCA. However, aluminum does not conduct electricity as well as copper wire so the wire size must be at least one or two gauges larger. For example, if the circuit calls for 14AWG the next larger size is 12AWG. 10AWG would be one size larger than 12 AWG. CCA wire is less flexible than copper and that makes it harder to install. Individual strands can break when overly flexed or stressed. It can also be more prone to corrosion due to a process called galvanic corrosion. The aluminum portion will corrode faster, causing unforeseen problems. Even though CCA is considered safe for use in automobiles, it is not recommended.

There are times when simple changes to the wiring harness are required. This may be due to an additional piece of electronic gear being added or a maintenance issue that may require replacement of a damaged piece of wire or connector. Most of us will tackle these types of wiring projects.

When adding electrical gear there are two items to consider: first determine the circuit's current draw; second, determine the length of the wire. In direct current applications (automobile circuits are direct current) wire size required for distance (measured in feet) is critical. A wire size too small for the amperage drawn/length of wire will cause a voltage drop - no more than a 2% drop at 12 volts is acceptable. If the wire size is too small it can get hot and melt or burn. There are tables with current/distance guidelines found on the internet.

Continued on page 4

Continued from page 3

Good quality connectors should be used. Connectors designed for automobile use are designed to withstand heat and cold temperatures; humid and arid climates; constant vibration and resistance to corrosion. If interested, The USCAR2-7 specification by the Society of Automotive Engineers (SAE) provides general requirements for connectors approved for automotive use.

The proper tool to fasten connectors to the wire is important. Crimp tools that utilize a ratchet feature and have multiple dies to accommodate various connector sizes are the best. Ratchet tools are designed to apply proper pressure to the connector for crimping. And a proper mechanical connection made by crimping is considered better than a solder connection for automobile wiring systems.

Regardless of how large or small your automobile wiring project may be, proper wiring methods should be employed. Time spent inspecting vehicle wiring is much better than time spent looking for a fire extinguisher. I've experienced the latter.

2nd Annual Old Town Helena Car Show

Pre-Register with the Link Above-
Saturday, November 11th- 7:30am-1:30pm
THE CHURCH AT OLD TOWN

815 Hwy 52 East

Helena, AL 35080 \$25 per entry-to be collected upon arrival. Proceeds to benefit the Helena Softball Family.

Questions? Coach Mark Sanders 205.337.7926 or msanders@shelbyed.org

In efforts to promote fairness in competition, cars will be classified by year. There will be 7 classifications. Each car will be electronically scored by multiple judges. Scores will be combined and averaged. Top 5-10 cars in each class will be recognized and awarded (depending on the number of participants). Classifications are as follows:

Class 1= 1900-1939

Class 2= 1940-1949

Class 3= 1950-1959

Class 4= 1960-1969

Class 5= 1970-1979

Class 6= 1980-1999

Class 7= 2000-2023



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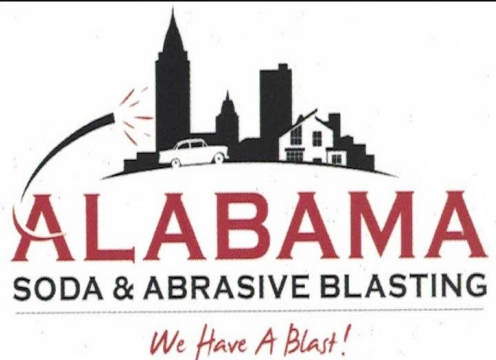
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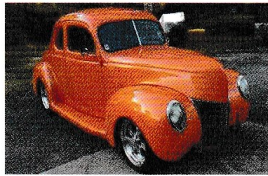
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It's 1982

337,667 Ford Escorts were sold in 1982.

For Sale:

2 original Ford steel front fenders (left and right) for 1940 Ford Coupe. (lower left)
Fenders are straight and in excellent condition (\$500 each).

1 original ford passenger side front fender for 1953 Ford Pickup. (below) Fender is straight and in excellent condition (\$100).

Call Larry, 205-966-5581, Alabaster, AL

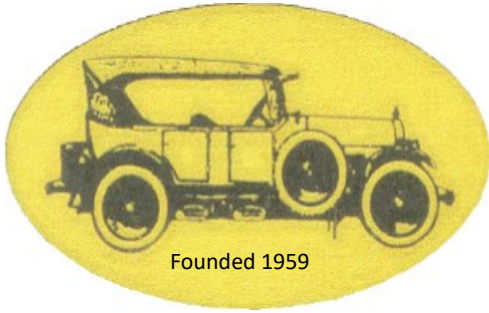




Pictured above are a few examples of vehicles at Indian Springs Church's Fall Festival.

Pictured below are vehicles at a show in St. Clair County. It was held at the high school.





Dixie Vintage Antique Automobile Club, Inc.
 4572 Eagle Point Drive
 Birmingham, AL
 35242-6942
www.dvaac.com

The 2023 Dixie Vintage Member Decal is now available upon payment (\$20) of your 2023 Club Dues.



Pictured **below** is October's first Cruise-In Favorite Trophy winner, Amanda Krumrie with her 1973 Plymouth Duster 340 4 Speed.

DVAAC President Ed Zanaty is presenting the award.

Each month DVAAC President Ed Zanaty presents the Dixie Vintage Auto Club's award trophy to two current club paying members.

A picture of the newly designed 2023 trophy is to the **right**.



Pictured **right** is October's second Cruise-In Favorite Trophy winner, Jim Harper with his 1955 Chevy.

DVAAC President Ed Zanaty is presenting the award.

