



Dixie Vintage Antique Automobile Club, Inc Newsletter

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

December, 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

Merry Christmas 2023

DIXIE VINTAGE EVENTS

Dixie Vintage First Saturday Cruise-In:
Saturday, December 2, 2023, 8-11 am.
Hoover Tactical Firearms
1621 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Business Meeting:
Tuesday, December 5, 2023, 6 pm.
Dale's Southern Grill
1843 Montgomery Highway
Hoover, Alabama 35226

Dixie Vintage Mid-Month Cruise-In:
Saturday, December 16, 2023, 8-11 am.
Dunkin Lakeshore
300 Commons Drive
Homewood, Alabama 35209



"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:

Mike and Claudia Freeman
Bessemer, Alabama
1998 Chevy Corvette

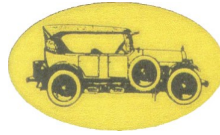
Tom and Bertha Johnson
Pelham, Alabama
2006 Ford Mustang GT

Welcome to the Club!

Winner of the Drawing:

Eddie Bibb
Congrats Eddie!

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

205-567-2735

2023 Officers

Ed Zanaty, President, Membership

Dale Baker, Vice President Emeritus

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Ken Knight, Vice president, Communications

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Kevin Johnson, Vice President, Graphic Design

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Steve Owen, Vice President, Activities

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Joe Alfano, Vice President, Marketing

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John Krauser, Vice President, Newsletter Editor

205-276-4423

Pat Krauser, Secretary

205-276-4423

Mike Likis, Accounting

205-999-4561

Ed Keller, Chaplain

205-832-5424

Gary Adams, Webmaster

TARGETING AFR VALUES

What does Air/Fuel Ratio (AFR) mean?

AFR is the mass ratio of air to fuel in an internal combustion engine. The AFR is an important measure for performance-tuning reasons. If exactly enough air is provided to completely burn all of the fuel, the ratio is known as the stoichiometric mixture which is defined as an 14.6 AFR ratio. The lower the AFR the richer the mixture. The higher the AFR the leaner the mixture.

- 6 AFR - Rich Burn Limit (engine fully warm)
- 9 AFR - Black Smoke | Low Power
- 11.5 AFR - Best Rich Torque at Wide Open Throttle (WOT)
- 12.2 AFR - Safe Best Power at Wide Open Throttle (WOT)
- 13.3 AFR - Lean Best Torque
- 14.6 AFR - Stoichiometric Air/Fuel Ratio Value (Stoich)
- 15.5 AFR - Lean Cruise
- 16.5 AFR - Usual Best Economy
- 18 AFR - Carbureted Lean Burn Limit
- 22+ AFR - EEC / EFI Lean Burn Limit

Dixie Vintage member Steve Jones has installed this device in one of his cars. He provided all the information about the product

Recommended AFR Values for Naturally Aspirated 4 Stroke Engines

IDLE / LIGHT CRUISE: 13.5 AFR

When you start your vehicle we refer to this as being in IDLE condition. When you shift into gear and drive at a low mph we refer to this as being a LIGHT CRUISE driving condition. With 14.6 being the industry standard stoich AFR value, we typically like to see these conditions run slightly richer. We are looking to fine tune an engine to get the smoothest operation.

CRUISING: 14 AFR

Most of the time you are driving your vehicle you will be within the state of CRUISING. This condition is the most wide open for customer preference based on two factors. If you prefer better GAS MILEAGE then run a leaner mixture. Most stock to slightly modified engines will run just fine at an AFR of 15 and yield better MPG. If you prefer better PERFORMANCE then we suggest to run an AFR of 14 or even richer to around 13.

WIDE OPEN THROTTLE: 12.5 AFR

Driving full out within a gear will bring you into a WIDE OPEN THROTTLE driving condition. This condition is where the peak horsepower value is obtained. We typically like to run a richer AFR here to get the best performance. Best performance for most vehicles is in the 12.5 to 13 AFR range. Going too rich will have the opposite affect and decrease your performance.

ACCELERATION: 12 AFR

Getting up to cruising speed or getting ready to pass someone, you usually are looking for the performance to get up and go. We refer to any fast turn of the throttle as being in an ACCELERATION driving condition. Again, we typically like to run a richer AFR here to get the best performance. Best performance for most vehicles is around 12 AFR. Going too rich will cause a sluggish roll-on to get up to speed.

NOTE: OPTIMAL AFR VALUES WILL CHANGE BASED ON FORCED AIR INDUCTION VS NATURALLY ASPIRATED AND FUEL TYPES



Sensor Placement

The location at which the sensor is installed in the vehicle's exhaust system is critical to its performance and longevity. Please review the following placement guidelines:

18 inches (45cm) downstream of the cylinder head's exhaust port or turbocharger.

Upstream of any catalytic converters or emission control devices.

Downstream of any turbochargers or large contributors to exhaust pressure.

As far as possible from the exhaust exit (tailpipe) to avoid scavenging fresh air in low exhaust flow conditions such as idling.

AEM's X-Series UEGO controller is a very sensitive device and, thus, it is important to have a completely leak-free exhaust.

Below is the web location for complete setup manual.

<https://www.summitracing.com/parts/AVM-30-0300>

2nd Annual Old Town Helena Car Show

Pre-Register with the Link Above-

Saturday, December 9th- 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



Frank Rush | Top 500 Amazon Vine Voice
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 Email: frank@brandmonkey.co
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Jim Baxley

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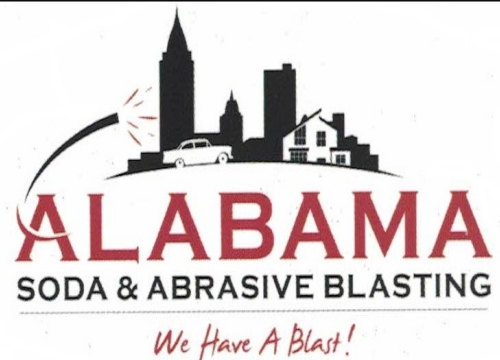
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Eddie Porter
Manager

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It's 2023

Cost of living in Birmingham is 8 % lower than the national average.

Cost of living in Birmingham is 6 % higher than the rest of the state.

Gasoline prices range from \$2.83 to \$3.21 per gallon.

A mobile telephone plan with 10 GB of data is \$44.14.

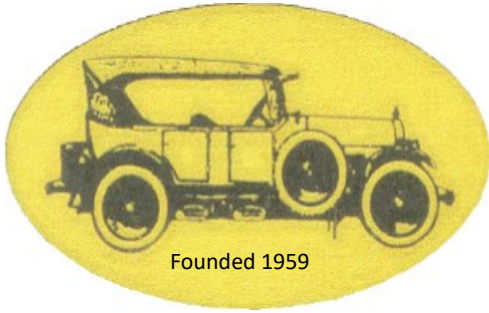
Steve Jones newly finished 41 Olds Model 76 Club Coupe (a.k.a fastback) - 1969 Olds 350, 315 HP, 2004R, PS (605 box), PDB, A/C, cruise. Dolphin gauges integrated in original cluster, Original suspension front and rear. Lowered ~2" in front by moving spring pockets down and lowered ~2" in rear with Mevotech SMS5415 - Supreme Coil Spring (same as 41 Olds Moog 5415 now discontinued) . Installed tube shocks front and rear, rides much better than the lever shocks. Grafted a 16" steering rim to the original 18" steering wheel spokes. This fine ride is pictured to the right.





November's first Saturday at Hoover Tac had picture perfect weather. Many fine rides stopped by that morning to enjoy the event.





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**

The green 1939 Plymouth Coupe belongs to Billy Mathews who is the first winner of the November trophy. 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**

The red 1978 VW convertible belongs to Greg Gesell who is the second winner of the November trophy. DVAAC President Ed Zanaty is presenting the award.

