

# Dixie Vintage Antique Automobile Club, Inc Newsletter

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

May 2024 Hoover, Alabama



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 Monthly Events

Dixie Vintage First Saturday Cruise-In  
Saturday, May 4, 2024, 8-11 am.  
Hoover Tactical Firearms  
1621 Montgomery Highway  
Hoover, Alabama 35226

Dixie Vintage Business Meeting:  
Tuesday, May 7, 2024, 6 pm.  
Dale's Southern Grill  
1843 Montgomery Highway  
Hoover, Alabama 35226

Dixie Vintage Mid-Month Cruise-In:  
Saturday, May 18, 2024, 8-11 am.  
Dunkin Lakeshore  
300 Commons Drive  
Homewood, Alabama 35209

### Saturday, May 25, 6am - 12noon

Lassiter Mountain Speedway, Swap Meet, & Cruise-in. 3995 Raceway Parkway, Mount Olive, Al. Vendor setup is 6am, Cruise-in & Spectator gate opens 8am. We had a good turnout for April. To all members, please support this event by attending. We hope to be awarded trophies at this event. Cruisers & spectators pay \$10-person. Vendor spots are \$40.

## Dixie Vintage Special Events

**Visit to Brookdale University Park Senior Living:**  
May 31, 2024, 11:30 am to 1:30 pm  
400 University Park Drive,  
Homewood, Alabama 35209  
**8-10 old cars or trucks needed**  
**Call Gary to reserve a spot: 205-706-7614**

**Siluria Brewing Cruise-In:**  
June 8, 2024, 4-7 pm  
145 1st Avenue West  
Alabaster, Alabama  
Two Food Trucks, Music  
**Questions? Call Gary, 205-706-7614**

**Visit to Cahaba Ridge Retirement Home:**  
June 18, 2024, 1:00 - 2:30 pm  
390 Healthy Way  
Birmingham, Alabama  
**6-8 old cars or trucks needed**  
**Call Gary to reserve a spot: 205-706-7614**

## "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.

### New Dixie Vintage Members

John and Pam Crawford  
Pelham, Alabama  
1966 Chevy Corvette Convertible  
1969 Chevy Camaro Convertible

Robert Green  
Birmingham, Alabama  
1969 Ford Fairlane 500 Convertible  
1956 Ford Thunderbird  
1963 Ford Falcon Wagon

Grahl and Angie Keener  
Gallant, Alabama  
1972 Corvette Stingray  
1966 Chevy C-10  
1938 Chevy Truck Rat Rod

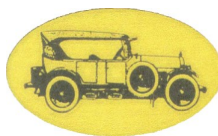
Jerry and Cathy Owen  
Helena, Alabama  
1976 Chevrolet Laguna S3

Craig and Connie Reeves  
Hoover, Alabama  
1940 Plymouth 2 door sedan

### Winner of the April Drawing

Bob Falls  
Congrats Bob!

### 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.

#### 2024 Board of Directors

**Ed Zanaty, Chairman, President, Membership**  
[edward.zanaty@gmail.com](mailto:edward.zanaty@gmail.com)

205-942-1312; 205-585-8580

**Jim Black**

205-527-9346

**Steve Owen**

205-567-2735

#### 2024 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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**John Krauser, Vice President, Newsletter**

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**Pat Krauser, Secretary**

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**Mike Likis, Accounting**

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**Ed Keller, Chaplain**

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**Gary Adams, Webmaster**

# Automobile Fasteners

by  
John E. Krauser

Automotive fasteners come in distinctive designs and type, each with a particular function. When our old cars and trucks were new, most of the fastener materials used in their construction were a type of metal. Automobile fasteners, which are vital to the construction of the vehicle, were rarely replaced in an old car as they were made to last for the car's life expectancy. New car purchases were common and often old cars wound up in the junk yard after a few short years. When we were young it was hard to imagine that those junk yard cars would come back and play a significant role in our lives and have a multibillion-dollar impact on our economy.

As the classic car hobby grew, so did the number of vendors who make replacement parts for our old rides. The demand for fasteners of all types has increased. Vendors have met the demand. A search online for fastener vendors lists dozens of companies that supply products that we need for our vehicles. Interestingly, many replacement parts are now made of plastic as opposed to metal. There are areas of the vehicle where plastic will work simply fine, as a replacement. But it is up to us to determine the best course for the proper replacement part.

I have listed below some of the most common fasteners used when our old cars were manufactured. It should be noted that Fasteners are available today to replace worn, damaged or missing parts as we maintain our prized possessions.

**Nuts** are used on bolts and studs to fasten parts together by clamp threads. The most popular nut is the hex nut which is a metal fastener with six sides. Other nuts used include cap nuts, barrel nuts, castle nuts, flange nuts, knurled nuts, and nylon-filled lock nuts.

**Bolts** have threads on the outside of the shaft and are used with nuts to attach components together. Bolts can be partially or fully threaded and have different thread patterns such as fine or course. Various lengths and diameter sizes are common.

**Lock washers** may not be considered a fastener, but they do fasten parts together. They are manufactured in assorted styles such as split or serrated ends. But all lock washers provide a spring force that keeps the nut and bolt assembly together.

**Clips** are used to hold trim and certain panels in place. The shaft of the clip is flexible enough to allow it to be pushed into position and then the shaft expands to hold the trim piece in place. However, clip removal requires special tools to avoid damage to the part or the clip. Some clips are not made to be reused.

**Studs** look like bolts but without heads. This type of fastener is usually considered a permanent type of device that is welded, pressed, or glued into place. If removed, this fastener is usually replaced rather than reused. A wheel stud would be a good example.

**Pins** are a type of fastener that holds two or more pieces together. The pins allow for movement among the pieces. Pins are easily removed. Examples are clevis and cotter pins.

**Rivets** are one time use fasteners that hold two parts together. They are inserted into predrilled holes and then expanded with a special tool. Removal of a rivet is accomplished by drilling it out of the parts and hole. Rivets are typically made of metal, aluminum, or plastic. If the rivet needs to be replaced, use the same kind of material that was originally used. For example, do not replace a metal rivet with an aluminum rivet. The aluminum rivet may not be as strong, and it may react with the metal in a negative way. Dissimilar metals that are connected can corrode and disintegrate.









**Screws** are commonly used fasteners. A tapered shaft is used as this design increases the force or holding power as the screw is tightened. Hex, machine, countersunk, self-tapping, pan, and cap screws are most common.

A partial list of fasteners used on the 1950 models of Studebaker can be seen on page four of this newsletter. The information is from the 1950 Studebaker Shop manual. Fasteners make it possible to keep our classic vehicles working and looking fine.

Proper torque and tightening practices should always be used when working with fasteners. After all, we do not want to hear someone say, " **Look, that person has a loose screw.**"

# STANDARD PARTS

10-0836

PART NO.	SIZE	PART NO.	SIZE	PART NO.	SIZE
 <b>1743X SPEED NUT</b> 1743X1 FOR 5/16" SCREW 1743X2 FOR 1/4" SCREW 1743X4 FOR NO. 14 SCREW 1743X5 FOR NO. 8 SCREW 1743X7 FOR NO. 6 SCREW		<b>NEW STANDARD PART NUMBERS IN NUMERICAL ORDER</b>  <b>1-HEX. HEAD BOLT, CARBON STEEL (NC-3)</b> DIAMETER-THREAD-LENGTH 1.045 1/4"-20X5/16" 1.046 1/4"-20X3/8" 1.048 1/4"-20X1/2" 1.049 1/4"-20X9/16" 1.0410 1/4"-20X5/8" 1.0412 1/4"-20X3/4" 1.0414 1/4"-20X7/8" 1.0426 1/4"-20X1 5/8" 1.058 5/16"-18X1/2" 1.0510 5/16"-18X5/8" 1.0511 5/16"-18X11/16" 1.0512 5/16"-18X3/4" 1.0514 5/16"-18X7/8" 1.0516 5/16"-18X1" 1.0518 5/16"-18X1 1/8" 1.0520 5/16"-18X1 1/4" 1.0522 5/16"-18X1 3/8" 1.0526 5/16"-18X1 5/8" 1.0540 5/16"-18X2 1/2" 1.0544 5/16"-18X2 3/4" 1.0548 5/16"-18X3" 1.068 3/8"-16X1/2" 1.0610 3/8"-16X5/8" 1.0612 3/8"-16X3/4" 1.0614 3/8"-16X7/8" 1.0616 3/8"-16X1" 1.0618 3/8"-16X1 1/8" 1.0620 3/8"-16X1 1/4" 1.0622 3/8"-16X1 3/8" 1.0636 3/8"-16X2 1/4" 1.0638 3/8"-16X2 3/8" 1.0644 3/8"-16X2 3/4" 1.0712 7/16"-14X3/4" 1.0714 7/16"-14X7/8" 1.0718 7/16"-14X1 1/8" 1.0720 7/16"-14X1 1/4" 1.0722 7/16"-14X1 3/8" 1.0724 7/16"-14X1 1/2" 1.0740 7/16"-14X2 1/2" <b>2-HEX. HEAD BOLT, CARBON STEEL (NF-3)</b> DIAMETER-THREAD-LENGTH 2.048 1/4"-28X1/2" 2.0410 1/4"-28X5/8" 2.0412 1/4"-28X3/4" 2.0416 1/4"-28X1" 2.0512 5/16"-24X3/4" 2.0514 5/16"-24X7/8" 2.0516 5/16"-24X1" 2.0518 5/16"-24X1 1/8" 2.0520 5/16"-24X1 1/4" 2.0522 5/16"-24X1 3/8" <b>3-HEX. HEAD BOLT, ALLOY STEEL (NC-3)</b> DIAMETER-THREAD-LENGTH 3.0644 3/8"-16X2 3/4" 3.0852 1/2"-13X3 1/4" 3.0856 1/2"-13X3 1/2" 3.0858 1/2"-13X3 5/8" 3.1058 5/8"-11X3 5/8" 3.1060 5/8"-11X3 3/4" <b>4-HEX. HEAD BOLT, ALLOY STEEL (NF-3)</b> DIAMETER-THREAD-LENGTH 4.0736 7/16"-20X2 1/4"  <b>9-HEX. HEAD BOLT-CONE POINT (NC-3)</b> DIAMETER-THREAD-LENGTH 9.0410 1/4"-20X5/8" 9.0516 5/16"-18X1" 9.0552 5/16"-18X3 1/4" 9.0748 7/16"-14X3" 9.0876 1/2"-13X4 3/4" <b>10-HEX. HEAD BOLT-CONE POINT (NF-3)</b> DIAMETER-THREAD-LENGTH 10.0752 7/16"-20X3 1/4" 10.0756 7/16"-20X3 1/2" 10.0836 1/2"-20X2 1/4" 		 <b>1748X SPEED NUT</b> 1748X2 FOR 5/16" SCREW	
 <b>1783X SPEED NUT</b> 1783X1 FOR 5/16" SCREW				 <b>1840X CAP SCREW</b> DIAMETER-THREAD-LENGTH 1840X1 5/16"-10X1 1/8"	
 <b>1883X SPEED NUT</b> 1883X FOR 3/32" DIA. STUD				 <b>1885X MOULDING FASTENER</b> 1885X1 FOR 7/32" HOLE	



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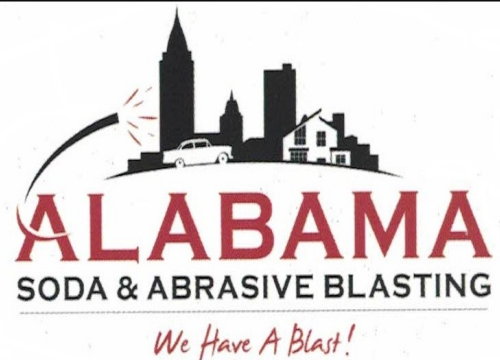
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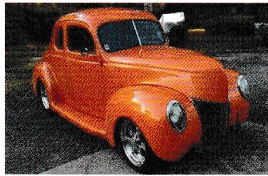
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### 1964-1977

One of the most popular cars ever built and still popular today is the Chevrolet Chevelle. In 1964 the least inexpensive option was the 2-Door Sedan, priced at \$2,249, with an additional \$90 required to upgrade to the V-8. The Chevrolet Chevelle achieved sales of 338,286 for that year. A similar Ford Mustang cost \$2,320 in 1964. The 1977 Chevelle cost \$3,935.

A postage stamp costs **\$0.05** in 1964 and more than doubles to **\$0.13** in 1977. The average cost of a gallon of gas was **\$0.30** in 1964 while the average cost of a gallon of gas was **\$0.62** in 1977. The minimum wage in 1964 was \$1.15 per hour while in 1977, the federal minimum wage was **\$2.30** in 1977.

STP was a popular product in the 1960s that was added to the engine's oil to reduce friction. Today STP is still used because it contains ZDDP which is an additive that helps lubricate our older engines.



Page 7 has pictures of many Chevilles at a recent car event.



1964



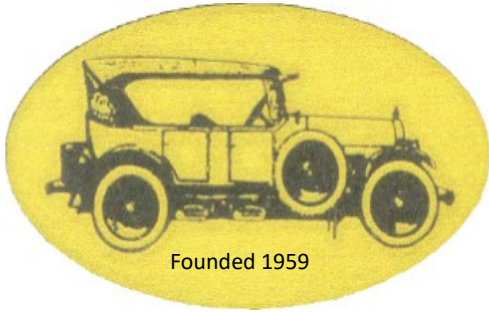
1977



**Above:** A recent show was held at Fayetteville High School near Sylacauga. Many fine cars were in attendance. The Chevrolet Chevelle was well represented at the event.

**Below:** Hoover Tac's first Saturday showcased a wide range of vehicles at our first Saturday morning monthly event.





**Dixie Vintage Antique  
Automobile Club, Inc.**  
4572 Eagle Point Drive  
Birmingham, AL  
35242-6942  
[www.dvaac.com](http://www.dvaac.com)

The 2024 Dixie  
Vintage Member  
Decal is now  
available upon  
payment (\$20) of  
your 2024 Club  
Dues.



April's first trophy winners are Al, Wendy, and son Kyle Bedran. They are pictured with their 1965 Cobra, 1962 Corvette and 1931 Ford Coupe. DVAAC President Ed Zanaty is presenting the award.



Pictured left is Joel Barnette with his 1964 Land Rover 2A88. He is the second trophy winner. DVAAC President Ed Zanaty is presenting the award.