

Central Virginia Chapter Studebaker Drivers Club

Commanding Leader

Calendar of Events

* Designates CVC Event

October 12th, 2019

Saturday @ 10am-4pm
6th Annual Beyond The Call Of Duty
Car, Truck, & Bike Show
Mobility Super Center
7450 Midlothian Turnpike
North Chesterfield, VA 23225
Registration 7am-12pm, Fee \$20
Awards presented in over 50
categories, and this show is open to all
makes and models
INFO: Call (804) 514-5407 or by email
cntwlk@yahoo.com
FaceBook Event Page, click HERE



Saturday @ 10am-4pm
Old School Hot Rodders Fall Cruise In &
Swap Meet!
19621 Namozine Road
Sutherland, VA 23885
Cars, trucks, rat rods, project cars and

we will be preparing BBQ and baked beans that we can all enjoy so please bring a side dish or dessert you can share with all and also bring your beverage of choice (adult or otherwise) and a lawn chair.

This event is 100% free but we will graciously accept donations to help defer our expenses.

INFO: FaceBook Page, click HERE

December 7th, 2019

Saturday @ 8am Santa's Helpers 10th Annual Toys For Tots Run & Cooking Autism Event Chili's

1030 Stafford Market Place, N. Stafford, VA

Coffee will be ready at 8AM for Early Birds and Food Service starts at 10AM. We leave Chili's and stage across RT 610 in the commuter lot at Noon. With police escort, we will cruise North on Rt. 1 to the National Museum of the Marine Corps located at 18900 Jefferson Davis Hwy, Triangle, VA. Please bring a new, unwrapped toy for Toys For Tots.

INFO: Dan Crane , (540) 842-6891 EMAIL: whoop75@aol.com WEBSITE: www.cruisinforheroes.com



For more events in Central Virginia, go to the Car Club Council of Central Virginia website: http://carclubcouncil.com/



Betty & Linwood Crawford's 1957 Studebaker Silver Hawk



Buzz Horne's 1957 Studebaker Golden Hawk



Jim Jett's 1963 Studebaker GT Hawk R-1



CVC/SDC Meet ~ July 13th, 2019

Central Virginia Chapter SDC July meet was held at The Pickel Barrel Restaurant in Centerville, Virginia.

Attending in Studebakers were Betty and Linwood Crawford driving their 1957 Studebaker Silver Hawk, Buzz Horne in his 1957 Studebaker Golden Hawk, and Jeanette Smith and Jim Jett in his 1963 Studebaker GT Hawk R-1.

Attending driving brand X were Carl Bowmer, Chris Mendl and Martin Pajka. Attending with Chris was Peter Rutledge who joined CVC at the meet. Welcome to the club Peter!

A guest speaker, Michael Persinger of Richmond Raceway, gave a presentation to the group. Michael informed us about the Classic Car show held at the track on September 21 for Race Week.

After the presentation and lunch, it was back to the parking lot to talk about Studebakers and then home.



(L-R) Martin Pajka, Chris Mendl, Peter Rutledge, Michael Persinger, Buzz Horne, Linwood Crowford, Betty Crawford, Jeanette Smith

CVC/SDC Meet \sim September 21st, 2019

The weather was sunny and a great day for a Studebaker Drivers Club meet. The gathering was hosted by Becky and Lee Harrison at there Amelia County home.

Becky cooked hamburgers on the grill and everyone contributed a side dish or dessert to share. Lots of tasty dishes were enjoyed by all.

Attending in their Studebakers were George Marshall, Mazie and Linwood Melton and James Jett and Jeanette Smith. Becky and Lee had several of their Studebakers on display. Also attending sans Studebaker were Barbara Jett and Chris Mendl.

After lunch, we took a tour of Lee's projects. A recent acquisition is a 1939 Graham Shark Nose with the supercharged straight 6. Also, a Gran Turismo Hawk restomod is a work in progress.

Thanks to Becky and Lee for hosting this excellent meet.



Studebaker line up

Commanding Leader

Quarterly publication of the Central Virginia Chapter Studebaker Drivers Club Richmond, Virginia Jim Jett, Editor jsjett@centralvirginiachapter.org

Officers:
Jim Jett, President
Lee Harrison, Vice-President
George Marshall. Treasurer



(L-R) Jim Jett, Becky Harrison, Barbara Jett, Chris Mendl, Lee Harrison, Linwood Melton, George Marshall, Mazie Melton



1939 Graham





Jim Jett's 1963 GT Hawk R-1



Mazie & Linwood Melton's 1963 Avanti R-2

Next Meet

November 9th, 2019, Saturday @ 2:00pm

County Seat Restaurant

3883 Old Buckingham Rd Powhatan, VA 23139 (804) 598-5000

The County Seat Restaurant located in Powhatan Court House, Virginia, will be the site of our November meet.

The County Seat is family owned and operated with four generations of family members to keep the restaurant running smooth with Southern Style cooking and hospitality.



To visit their website, click **HERE**.

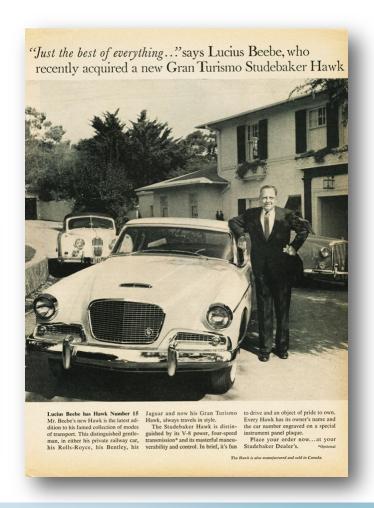
For directions to The County Seat Restaurant click **HERE**.





Central Virginia Chapter of the Studebaker Drivers Club welcomes new members Janet and Peter Rutledge. Janet and Peter live in Woodbridge, Virginia and are the proud owners of a 1964 Studebaker Avanti R-2, 1954 Studebaker Starlight Coupe and a 1951 Studebaker Champion 4 door.

Welcome to the club Janet and Peter!



Studebaker Tech Tip

Borg Warner R-10 and R-11 Overdrive Tech Tips...The Odds and Ends

Source: Fifth Avenue Internet Garage

https://fifthaveinternetgarage.blogspot.com/2017/11/borg-warner-r-10-and-r-11-

OK...if you have been paying attention to the tech stories in the Garage Tech section of the website you know I have written two tech articles about the Borg-Warner R-10 and R-11 overdrive.

You should know by now they these two transmissions are basically the same except for the number of cluster gears inside of the sun gear, with the R-11 having four while the R-10 has three. Both transmissions have proven to be plenty durable in normal use. The R-10 is the most common with the R-11 transmission used in the heavier cars like Packard, and in Solenoid Shaft Lengths... the higher horsepower applications in various brands in later years. The electrical is the same for both in that a solenoid, relay, kickdown switch, of the same voltage will work on either transmission.

It is not uncommon to find the Borg-Warner overdrive were shaft lengths of 1.5 or 1.75 in length. transmissions installed in all sorts of non factory applications. These transmissions were cheap and plentiful in the 1950's and 1960's and and easy to adapt in all types of drive shaft was the 1946-48 Lincoln. Those applications typically lines. Complete transmissions could be purchased from a salvage yard for twenty dollars...back in the day. That is what they were selling for in the 1960's when I was growing up.

need to upgrade the solenoid and relay to 12-volts. The kickdown switch and the governor will both work fine on 12volts.

Because of the demand for solenoids, both for production and the aftermarket, there were three different companies that So the point is...DO NOT ASSUME all of the solenoid shaft manufactured solenoids, Delco, Autolite, and Borg -Warner. Borg-Warner had sold over two million of the overdrive transmissions by 1954. All of the solenoids will interchange with each other physically, you just need to match up the voltage of the solenoid to the voltage of the vehicle's electrical system, and check the shaft length.

When you upgrade a 6-volt vehicle to 12-volts you will also need to upgrade the solenoid and relay to 12-volts. The kickdown switch and the governor will both work fine on 12volts.

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What this means is... when you go to the next swap meet... pay attention to the overdrive solenoids for sale. Often times a Ford solenoid will be \$125.00, and two rows over you will see a Studebaker Solenoid for sale for \$75.00. Now you know those are both the same solenoids.

The most common shaft length by far is the 1" long shaft as measured with a ruler placed on top of the solenoid shaft and slid up next to the flange of the solenoid. Convertibles and Station Wagons sometimes had longer shafts if there was an extra cross member in the frame. Typically these

Another common application that had a longer solenoid had a shaft length of 1.5 inches. Lastly the solenoids used in 1968 thru 1972 Chevrolet pickup applications had a shaft length of 2.0 inches.

When you upgrade a 6-volt vehicle to 12-volts you will also There were about 1500 Chevrolet pickups sold with overdrive option... so they are somewhat rare. Chances of finding a replacement long shaft solenoid for this application are almost slim to none. In some cases you can rebuild your current solenoid.

> lengths are the same or that yours is the most common one inch solenoid shaft. You need to physically measure your solenoid shaft so you know for certain what the lengths is.

> > (Continued next page)

Studebaker Tech Tip (continued)

If you have one of the longer shaft 6-volt solenoids... from a 48 Lincoln for example, you need to keep in mind that there is no 12 volt equivalent of that solenoid, and you cannot exchange shafts inside of the solenoid without a lot of effort because the early shafts were held using an "e clip" while If that causes a "click" to be heard, the "click" indicates a short the later solenoid shafts were held in place using a roll pin. Apparently there was a problem with the "e clips" falling out as internal parts began to wear, so that was the reason for the change.

The Flat Spot On The End Of the Solenoid...

The position of the flat spot on the end of the solenoid shaft is there to allow the pawl to slide by so you can then turn the solenoid to lock the pawl into the end groove on the Solenoid shaft. Does it matter where the clock position of the flat spot is...?

NO IT DOES NOT...if you install the solenoid correctly. The best way is to apply battery power to the number four terminal on the Solenoid and ground the case. That will make the solenoid shaft extend out. Now rotate the Solenoid until the flat spot is at the 12 o'clock position. Slide the solenoid shaft into the transmission and rotate the solenoid so your bolt holes line up.

Next remove the battery power from the solenoid. If the pawl is in the groove at the end of the solenoid shaft, when you remove the battery power... the solenoid will be drawn in towards the transmission housing. That will confirm for certain that you do indeed have the pawl in the groove.

This is by far a much better way to install the Solenoid. If you just stick it into the transmission without extending the shaft you will not know for certain that the pawl is in the groove. Often times the pawl gets pushed back and forced up inside the transmission which is not a good thing. Once you energize the Solenoid it will be two late if the Pawl is not in the groove, the damage will be done.

Checking the Governor

When the transmission gets "stuck in overdrive" you already know what to do first, if you have read my overdrive book. Besides the careful rocking motion and solenoid service discussed earlier, there is one other thing you need

to check if you are still having trouble... the governor.

First remove the cover of the governor and then hold the governor contact points apart. Next ground the cover of the governor by touching it against the transmission case.

circuit in the governor cover assembly and the cover assembly wiring connections or the wiring itself is "shorted out" and needs to be repaired. If there is NO click, the governor is ok and you need to look to the solenoid for your defect.

Removing And Replacing The Governor

To remove the governor from the transmission, first disconnect the wire at the cover (or wire end connector) and loosen the governor housing using an (1-3/8") open, end wrench to turn the nut at the base of the governor. To replace the governor insert the governor into the transmission housing and engage the teeth of the governor drive gear into the teeth of the speedometer drive gear. Next, tighten the nut located at the base of the governor housing using an (1-3/8") open, end wrench. Reconnect governor wire and check for proper transmission operation.

Reverse Lockout Switches

If your reverse lockout switch fails there are no new ones available so your best bet is to remove the defective switch and connect the two wires together that were connected to either end of the switch. Reverse lockout switches were discontinued on B-W overdrive transmissions beginning in the early 1950s. Your B-W overdrive transmission will work just fine without one.



CVC Members Out~N~About



Buzz Horne took his 1957 Studebaker Golden Hawk to the 20th Annual Southern Knights Cruisers Veterans Car and Bike Show held on Saturday, August 3rd, at Richard Bland College in Petersburg, Virginia.



Jim Jett entered his 1963 Studebaker Gran Turismo Hawk R-1 in the Town of Windsor Fourth of July Car Show. His Studebaker won the Duke Automotive Group award.

Studebaker Dealership: Then~n~Now

Coburn Motor Car Company was the Studebaker Dealership in Norfolk, Virginia, located at 739 Granby Street. The dealership was designed by Charles J. Cabrow, Architect, and the builder was E. E. Weddle & Company.



Coburn Motor Car Company Studebaker Dealership in Norfolk, Virginia, 1920's



The Coburn Motor Car Company Dealership building is still in use today.

Here are comparison photos of the building during its time as the Studebaker Dealership and its multiuse purpose today.

Coburn operated a Studebaker Dealership in Richmond as Coburn Motor Sales Corporation located at 1217-1233 W. Broad Street, Richmond, Virginia.



739 Granby Street in Norfolk, Virginia Today

Studebaker Sightings

Sighted at the 20th Annual Southern Knights Cruisers Veterans Car and Bike Show held on Saturday, August 3rd, at Richard Bland College in Petersburg, Virginia; 1959 Studebaker Lark VIII.







Sighted at the Stray Cats Rod and Custom Show at the 29th Littleton-Lake Gaston Festival held on August 31, 2019; 1961 Studebaker Hawk.

Photos and articles for Newsletter and Website

Do you have any photos of events you attended? Is there an upcoming event you would like to promote? Do you have any interesting information you would like to share?

If so, send them to the editor at isjett@centralvirginiachapter.org



CVC/SDC apparel available

Items displaying the Club logo are available to club members. The Polo Shirts are available in white, navy or black in men's and women's styles. T-shirts are available in white or black in men's and women's styles.

CVC/SDC apparel and other items can be ordered and paid for on the Club website, go to:

http://centralvirginiachapter.org/ MemberStore.html





Classified Ads

Approved Classified Ads are free to all CVC/SDC members and available to non-members for \$5 per ad. Ads will be on the website for 90 days and in 1 newsletter unless renewed.

For Sale:

ONE (1) New air filter for 289 R-2 V8, \$17.25.





TWO (2) Rebuilt 12-volt generators, \$125.00 each.





ONE (1) Rebuilt Stromberg Model WW 2 barrel carburetor, \$300.00





Contact Jim Jett, (804) 920-2129

EMAIL: jsjett@va.freei.net

Membership

You don't have to own a Studebaker to be a member of the Club. If you do, or are just interested in Studebaker automobiles, we would love to have you as a member. You can join and pay membership dues online or print and mail the membership application. Membership in the Studebaker Drivers Club is required to join the Central Virginia Chapter.

Link to join CVC/SDC:

http://centralvirginiachapter.org/JoinCVC.html

Link to join the Studebaker Drivers Club:

http://www.studebakerdriversclub.com/join.asp







Central Virginia Chapter Studebaker Driver Club, Inc.



MEMBERSHIP APPLICATION

NAME:		
SPOUSE/PARTNER:		
ADDRESS:		
CITY:	ST:	ZIP:
TELEPHONE: () EMAIL:		
Membership number in Studebaker Driver's Club, Inc This is a requirement for local membership.		(Found on your membership card)
Annual dues are \$15.00 per person/couple (Both husband and Checks should be made payable to <u>"Central Virginia Chapt</u>		members)
Please list the model, year and series name of any Studebaker requirement for membership)	r vehicles you ow	n. (Ownership of a Studebaker is not a
1)		
2)		
3)		

Please mail with dues to:

George Marshall Treasurer CVC/SDC 12302 Bailey Oak Pl Midlothian, VA 23112-6895