

### VOL. 49, ISSUE 3, A MONTHLY PUBLICATION OF THE INDY CHAPTER OF THE STUDEBAKER DRIVERS CLUB, MARCH 2024

A snowy Saturday did not stop the Indy Chapter from having a wonderful lunch at the Kopper Kettle. The food was delicious and the group enjoyed a afternoon of visiting and catching up after the holidays. Our next meeting is the annual pitch in lunch with the Hudson Club and Lincoln Club hosted by Larry & Sue Kennedy. This is always a great get together with lots of food, friends and fun! Spring is just around the corner and it will be time to get our Studebakers out for some warm weather fun. The club has some upcoming events already on the calendar but if you know of something or somewhere that would be of interest to members let us know.

Last year we had members tell their story of "Why Studebaker" I thought these were interesting and enjoyable. Anyone who would like to submit their "Why Studebaker" story to Becky she can continue this feature in our newsletter.

Hope to see everyone a our next meeting and Think Spring!!!

Nancy Bacon President, Indy Chapter

### Lunch at the Kopper Kettle February 17, 2024

32 members joined together at the Kopper Kettle some slippery roads after four plus inches of snow the day before. Happy to report by the time lunch was over the roads were clear.

President, Nancy Bacon held a very short meeting before lunch as served thanking those who came.

Malcolm Berry, an active member of the Tri State Club sadly passed away February 3.

Larry Kennedy announced that member Bill McDowell was on the TV series "Pickers" on the History Channel.

The meeting was adjourned. Afterwards the 50/50 drawing was made by birthday girl Sue Kennedy with Mike and Yvonne Baker as the winner of \$43.00.

Submitted by Becky Griffith







50/50 winners Mike and Yvonne Baker

### **Check This Out!**

One of our Hamilton members sent this link to me. Check it out.

Just went here and thought might be of interest for the next newsletter. Features Factory info on every car ever built. Kool

http://www.lov2xlr8.no/broch1.html

There is quite the list of brochures for Studebakers.

Respectfully, Susan Lusted



Daylight savings begins Sunday, March 10.

Remember to set your clock ahead one hour



### **TECH TIPS** Odds 'N' Ends Musings Of A Wandering Mind

### By Peter Yuen

Friction:

1 - Friction is not an element nor a compound.

2 - It was not discovered in year 0049 by Alexander Von Slickandstick 3 - It is not sold in bottles at the liquor store.

4 - Ice skating is made possible by friction. Sliding friction.

5 - A parachutist uses air resistance to slow down his speed of plummeting. Air resistance is friction.

6 - Can "friction" cause wars? Yes! All wars. Wars are a blend of egos, hate, politicians, greed, superiority and friction.

7 - Do we need friction to safely drive our cars? Safe driving mostly depends more on the driver than the car. 8 - How is friction utilized in our cars? - In brakes to slow or stop the car, in clutches and transmissions to transmit energy. Belts and pulleys to transmit power.

9 - On cold days, rubbing your hands together makes them feel warmer. Friction is involved 10- Erosion of rocks into sand and gravel are caused by friction.

11 - Friction slows movement. Where there is friction involved, there is heat energy created. Excessive friction causes excessive heat and a fire could result.

12 - Grinding of metal utilizes friction cause by abrasives.

13 - Definition of friction: Friction is a force that resists the relative motion between two objects or materials. The causes of this resistive force are molecular adhesion, surface roughness, and deformations. Adhesion is the molecular force resulting when two materials are brought into close contact with each other.

14 - In lighting a match, the match is stuck on an abrasive surface to generate heat to ignite the compounds. 15 - Stringed musical instruments using a bow utilizes friction to make music.

16 - It is the friction of the tires on the car and the road to drive your car. Driving a car in the rain or wet roadways at high speeds create hydroplaning, that is when a car's tires are actually riding on water instead of the road. When a car is hydro- planing, the friction factor is reduced, thereby it takes a longer distance to stop the car after the brakes are applied.

17 - Since wider tires on a car are to give more grip (Friction) on the road, why was it that in the old days, cars with narrower tires can drive through the snow better than the present day cars with the wider tires? Why is less better than more? It is one of the mysteries of life.

18 - Bearings are designed to reduce friction. In use, they can and will fail if they are not lubricated. 19 - Lubrication reduces friction.

20 - Friction causes wear on tires, brake and clutch linings, bearings and parts that move. 21 - Friction can cause an earthquake.

22 - In the olden days, our ancestors in the cave-men era, they had to start a fire by rubbing sticks together. Friction was involved. It generates heat. High heat can bring combustibles to a flash point, thus, fire.

23 - Even with lubrication to reduce friction, things do wear out through use. This keeps factories operating to make re- placements.

24 - Even liquids can create friction. In some homes, the copper elbows in the water supply system wear out. 25 - Is friction bad or good? ...... Both, depends on the application and whether or not that it is controlled.

26 - When we walk, we rely on friction to keep us from falling on our face or the buttocks.

27 - When we hone our knives to a sharp edge, in essence, we are reducing the friction to enable us to cut easily. 28 - Abrading and chafing is friction.

29 - Can friction cause a fire on the car when driving? . . Yes, if there is a bad wheel bearing causing heat. Friction is a heat energy

30 - Contaminates in grease and oil reduces their effectiveness to lubricate properly. Poor lubrication leads to higher friction factor.

31 - Studded tires on icy pavement have more friction than "Snow" tires. Studded tires are detrimental to roads.

32 - In laundering, water, detergents and friction are used.

33 - Clothes wear out due to friction

34 - Friction helps strapless bras to stay in place. This is an assumption.

36 - Phonographs and gramophones: Analog sound reproduction is tactile. It is, in part, a function of friction: the needle bounces in the record groove, Tape players: The tape drags across a magnetic head. Friction dissipates energy in the form of sound. Meaning: You hear these media being played.

### **TECH TIPS**

### Spark Plugs Tell the Tale

### By Jim & Karen McKeever San Joaquin Valley Chapter, SDC

Spark plugs come in a bewildering assortment of what is known as "heat ranges," or the ability of the plug to carry heat away from the electrode (the end where the spark happens) to the surrounding air.

You want the heat carried away so you don't get the dreaded "glow plug effect" which makes the cylinders fire when you don't want them to, and which causes all sorts of trouble inside the engine. Plugs with a shorter path to carry the heat away will run cooler than those with a longer heat path.

By choosing the proper heat range plug, you will make your engine run better and get better gas mileage. (I personally like E3 spark plugs for performance and longevity.)

When you remove your spark plugs to examine them, make sure to mark which one came out of which hole, as it may be helpful for future troubleshooting. Then compare them to a spark plug color chart that can easily be found online. There are many websites that display color charts for reading your spark plugs.

A good one to review is <u>gtsparkplubs.com</u>. This is a site with info about why a plug looks like it does and whether changing the heat range will work, or whether a mechanical fix may be needed. I have actually met the site owner, Sandy Ganz! His website has a lot of information in other topic areas, not specifically Studebaker, but still interesting.

Back to reading the plugs; if they are a nice tan color, they are normal. With the advent of unleaded gas the color of the plug could be a reddish tan, which is still normal. If they're not, find the picture that most closely matches the look of your plugs, and go hotter or cooler based on the reason.

Just because the parts store attendant pulls up a "recommended" plug on the computer doesn't mean it will work best for your intended application. Consider what you want the plug to do. You may want to choose a plug that will:

- 1. Stay cool enough to avoid pre-ignition and/or electrode burning;
- 2. Run hot enough to burn off the combustion deposits that collect on the plug's firing tip (electrode);

3. Adapt to the specific characteristics of your engine and the little idiosyncrasies of your driving habits and varying load (weight) conditions.

Here are a few myths surrounding spark plugs that should be dispelled:

1. A too hot plug by itself will NOT burn valves. However too hot a spark plug can cause pre-ignition and/or detonation (ping), which can lead to other serious engine problems.

2. Heat range does NOT affect the voltage available to fire the plug; this is determined by the coil (stock coils put out about 26,000 volts, high energy ignition/HEI coils produce around 40,000+ volts.) Therefore, hotter plugs do NOT produce a hotter spark.

3. Colder plugs are NOT always better at the drag strip. You still need to match them to the conditions and use, using the color chart as a guide. To protect your engine from possible damage it is best to start 1 or 2 heat ranges cooler than the recommended street driven spark plug, working your way up as needed. When the heat range is right, and to achieve optimum performance while racing, there will be a bluish ring on the center electrode between the insulator and the tip. Beware of going too hot, as the result of pre-ignition and/or detonation on an engine when racing could be catastrophic.

(NOTE: Information in these tech tips is based on the writer's own research, experiences, and viewpoints. The information, and links to other websites, is to be viewed and/or used at your own risk. The writer makes no guarantees regarding the outcome of the use of the material, products, or resources in this article and is not responsible for any loss or damage incurred. Adjustments or modifications may be needed for your specific vehicle. Remember to use all standard safety equipment and precautions.)





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# COMING TO BUNKER HILL DRAGSTRIP The Studebakers

### SPECTATORS \$10+KIDS 12 & UNDER FREE \$25 TO MAKE PASSES DOWN THE TRACK

**GATES OPEN** 

AT 9AM

11:15AM

**RACING AT** 

1512 W 900 S Bunker Hill IN 46914

Jowman &

AA/GS

**STUDEBAKER** 

**PARADE AT 11AM** 

**CRUISE IN AWARDS AT 12PM** 



## An Ode to INDIANA by Steve Kruger

It's winter in INDIANA And the gentle breezes blow, Seventy miles an hour, At thirty-five below.

Oh, how I love INDIANA, When the snow's up to your butt, You take a breath of winter air, And your nose gets frozen shut.

Yes, the weather here is wonderful, So I guess I'll hang around, I could never leave INDIANA, "Because I'm frozen to the ground!"

### **Upcoming Events**

**Saturday, March 16, 2024 at 1:00 p.m**. - Larry and Sue Kennedy will host a joint Winter Meet with the Indy Chapter of the Studebaker Drivers Club, the Southern Indiana/Kentucky Chapter of the Hudson Club and the Lincoln Club. This joint meet will be held at the Franklin Township Civic League, 8822 Southeastern Avenue, Indianapolis, IN 46239 (located two houses beyond the Ordinary in downtown Wanamaker). Hosts will provide a meat dish, water, coffee and iced tea. Bring your place settings and a dish or dessert to share. This facility is handicapped accessible and has a handicapped restroom, but no kitchen facilities. There are lots of electrical outlets for crockpots and plenty of parking spaces. If you have questions, contact Larry Kennedy at 317-862-2020

### **Mark Your Calendar**



April – Stay tuned, we're working on it.

**Saturday, May 11 at 11:00 a.m. Tour at the Atterbury-Bakalar Air Museum** at 4742 Ray Boll Blvd, Columbus, In 47203. See inside the Fairchild C-119 Flying Boxcar. Same type aircraft used in Studebaker Avanti Operation Airlift, May 1962 to fly two Avantis around USA for dealer demonstrations.

**At Noon** – **Lunch at Hangar Five Restaurant** at 2770 Ray Boll Blvd, Columbus, IN 47203. After lunch a free guided air museum tour by Patrick Billey, former Studebaker Owner.

Also, photos opportunities of Studebakers at the Miller House.

**RSVP by May 6 to Mike Baker at** mikebaker@aoai.org . Designated parking for Studebakers and Avantis.

**Saturday, May 25 Studebaker Nationals Drags** - The annual Studebaker Nationals held in Bunker Hill, Indiana. All performance and skill levels welcome. Bunker Hill, Indiana, is about 14 miles north of Kokomo, IN and the Studebaker Nationals will be Saturday the 25<sup>th</sup> so bring your car to race, or not, and come to and enjoy the day with us. This is a track day and open to us so you can make passes in you Studebaker just for the fun of it. There's a snack bar at the track. For more information about this event Checkout Bunker Hill Dragstrip web site @ www.Bunkerhilldragstrip.com or call Richard Poe at 812-345-5414, or roserichpoe@att.net. See page 6 for more information.

**May 31** – **June 1** – StudeBaker Indiana Annual June Swap Meet in South Bend at the St. Joseph Fairgrounds.

June 25 – 29 - 60th Diamond Jubilee International Meet is June 25-29, 2024 in Dubuque, Iowa.

### **National Directors**

President: Dennis Foust - <u>studeguy54@gmail.com</u> Vice President: Don Jones Secretary: Cindy Foust - <u>cfoust1966@gmail.com</u> Treasurer: Jane Stinson - <u>jestinson@aol.com</u> Past President: Tom Curtis - <u>tomnancurtis@aol.com</u>

### **National Board of Directors**

Crossroads Zone National Board Director: Bob Henning at <u>rhnn15090@aol.com</u> Crossroad Zone Coordinator: Dave Hamblin

Regional Manager Indiana: Bob Henning

### National SDC Membership

Regular membership dues in the National Studebaker Club are \$37.00 for new members 1<sup>st</sup> year only. Renewals are \$46.00 per year, which includes 12 monthly issues of *Turning Wheels*, the National SDC Magazine. (Other memberships are available.) Application is available upon request or e-mail studebakerdriverclub.com.

National SDC membership is a prerequisite. Renewal INDY Chapter dues are \$18.00. Renewals are payable January each year. After March a \$5.00 late fee will be added. Application is available upon request.

Updated January, 2024

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To: