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NOVEMBER



November 2013

THE RETARDED SPARK is being issued purely for our enjoyment and for those who wish to see what our MAFCA Chapter is doing to further the Model 'A' Hobby here in Quincy, Ca.

Questions, comments, suggestions... email "Smokey"

at: smokeypickett@hughes.net

From the Desk of the President(s)



Hello Fellow Members!



Your Pres

CLUB OFFICERS and MEMBERS

President ----- Jack and Bernadette Brumit
 Vice President ---- Bill and Jennifer Seibold
 Treasurer ----- Rich & Holly Schreiber
 Secretary ----- Rich and Holly Schreiber
 Keeper of the Web..Joe and Heather Way
 Sunshine person--- Shirley Bresciani

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FEATHER RIVER A's NEWSLETTER



GETTING OUT AND HAVING FUN

Another “September Activities” The Grave Occasion September 14th

This September event, was left out of the last “Spark” due to, either, the lack of room or the lazy Editor.

This benefit for the Plumas County Museum, is staged at the County Cemetery in Quincy. It gives patrons a sit-down meal, wine, desert and a fascinating tour of the historic people interred at the cemetery.



Actors portray the individuals buried there and give accounts of their lives and contributions to the County.

The Model A’s are, of course, a natural part of the Counties history and as such are invited to be a presence at the celebration.



The four sommeliers

This gives the club a chance to donate to our museum in two ways, by showing off the cars and by partaking of an excellent meal and interesting presentation.

NOW!

October Activities!

Brumits Event October 26th!

It’s Pumpkin time!

The

“Over-the-mountain to The Pumpkin Patch”
tour.

I met everybody at the Greenville Wye. Saved me a cool 34 miles into town and back!

Speaking of cool, it was about 37 degrees this A.M.



A “cool group”

First stop was at the Taylorsville Market to see Kelly and Karen for coffee and snacks.



Hot coffee, Cool morning



Some people thought it was too cold to park in the shade.

We made it all the way up the mountain to the Antelope Lake Rest Area. 50028 ft elevation.



Our leader wore the appropriate costume for the occasion and handed out some trick or treats.

Then it was off to the East across the top of the mountain.



This is the lineup at Gemples Pumpkin Patch outside of Milford.



Hey! I picked up a rock when I was landing my vintage 1929 Broom!

Quite a unique and interesting farm with lots of antique tractors and other vehicles all around the property.



Didn't get the make or model!

1927 Johnny Popper. This guy was in the field when our cars were built!





We all enjoyed a Pumpkin Patchburger and soft drink and then it was time for, guess what?

Shopping!!



I swear! That burger was like this!! Anybody got a Rolaid?

AAAIIIEEEE!!



We were entertained by the firing of the GIANT PUMPKIN GUN!

One last snapshot of the whole Entourage



*I don't think so, guys
No matter how hard you push....*



70, the all weather highway, toward Quincy and parts beyond!

Then it was time to get back on the road. We took the "freeway" down to Halleluiah Junction and then West on



Looks like Smokey locked em up!

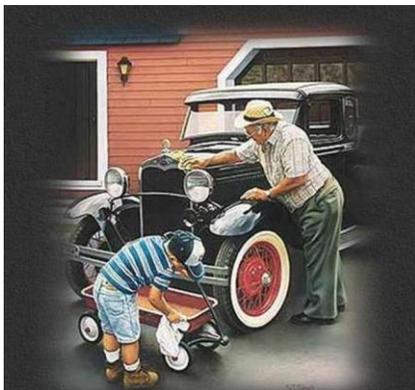
Good to be back in Plumas County



*Is here.
There's no denying it*



Got your wood up??



Grandpas are great!

Hours after Pearl Harbor on December 7, 1941, the Secret Service found themselves in a bind. President Franklin D. Roosevelt was to give his infamy speech to Congress the next day, and although the trip from the White House to Capitol Hill was short, agents weren't sure how to transport him safely.

At the time, Federal Law prohibited buying any cars that cost more than \$750, so they would have to get clearance from Congress to do that, and nobody had time for that.

One of the Secret Service members, however, discovered that the US Treasury had seized the bulletproof car that mobster Al Capone owned when he was sent to jail in 1931. They cleaned it, made sure it was running fine and had it ready for the President the day after.



And run properly it did. Capone's car was a sight to behold. It had been painted black and green so as to look identical to Chicago's police cars at the time. It also had a specially installed siren and flashing lights hidden behind the grille, along with a police scanner radio. To top it off, the gangster's 1928 Cadillac 341A Town Sedan had 3,000 pounds of armor and inch-thick bulletproof windows. Mechanics are said to have cleaned and checked each feature of the Caddy well into the night of December 7th, to make sure that it would run properly the next day for the Commander in Chief.

The car was sold at an auction price of \$341,000 in 2012.



COMEDY CORNER

VINTAGE FORD HUMOR

"I see that the Willets Motors is not going to handle the Ford car anymore."

"You don't say. Why, who will sell it?"

"The 5 and 10 Cent Store."

Three friends agreed to name their cars after their favorite Presidents. The first christened his Packard with a bottle of champagne.

"I name thee George Washington, first in war, first in peace and first in the hearts of his countrymen."

The second broke a bottle of claret on his car, a Cadillac.

"I name thee Abraham Lincoln, the savior of his country."

The third knocked the neck off a beer bottle on the radiator of his Ford and drank out of the bottle.

"I name thee Theodore Roosevelt, the Rough Rider".

WIFE: "There is trouble with the car. It has water in the carburetor."

HUSBAND: "Water in the carburetor? That's ridiculous "

WIFE: "I tell you the car has water in the carburetor."

HUSBAND: "You don't even know what a carburetor is. I'll check it out. Where's the car?"

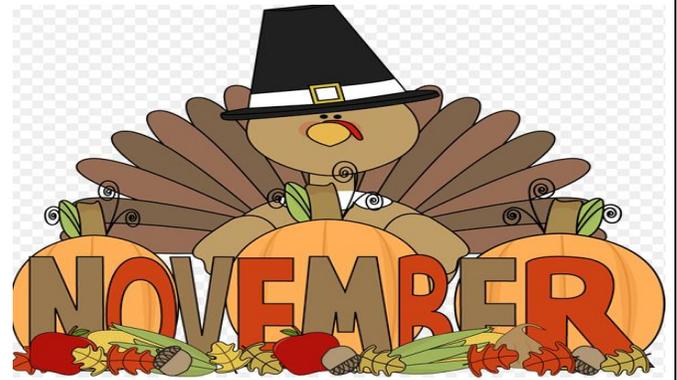
WIFE: "In the pool"

A marine biologist developed a race of genetically engineered dolphins that could live forever if they were fed a steady diet of seagulls.

One day, his supply of the birds ran out so he had to go out and trap some more. On the way back, he spied two lions asleep on the road. Afraid to wake them, he gingerly stepped over them.

Immediately, he was arrested and charged with transporting gulls across sedate lions for immortal porpoises.

Can you believe it??



November Annibirtharies

Ron Grassi -----5th

Dee Barbea ----- 11th

Paula Foster ----- 13th

Jack Brumit ----- 17th

Bill Seibold ----- 22nd



Happy Anniversary

Rick and Paula Foster ----November 4th

Jack and Bernadette Brumit ---November 18th

UPCOMING MODEL 'A' TOURS and ACTIVITIES

November 5th Monthly meeting at Patti's Thunder.

The day before Edsel Ford was born, in 1893!

The Ways have the event for November. Sounds like breakfast at Mi Casita's on November 3rd. (we'll let you know!)

MODEL 'A' GARAGE CORNER

Or, stuff you already knew, and probably forgot

Restoring the Model 'A' Generator Part 1

Introduction

The Model A had at least 4 different styles of generators. In addition to these, there are several variations made by Ford and then there are generators made and sold by after-market suppliers.

The major styles of the Model A generator are;

1. The 5 brush Power house (1927 to mid 1928)
2. The 3 brush Powerhouse (mid 1928 to early 1929)
3. Type 1 Tube type (1929 through early 1930)
4. Type 2 Tube type (mid 1930 on)

This article will deal only with the Tube type generator.

The Type 1 can be identified by the terminal post located at the front or pulley end of the body. The rear plate has a bearing.

The Type 2 has the terminal post at the rear or brush end of the body and has a bushing in the rear plate.

Both types restore in basically the same way

Disassembly of the generator

Remove the brush cover band.

Remove the belt pulley. This should be done by screwing a bolt into the end of the armature to tap on. Do not hammer the pulley, the original bolt or the armature shaft. Remove the two 6 inch long assembly bolts that run through the entire length of the generator.

Remove the front plate and armature assembly by tapping on the front plate. The armature will come out with it.

Remove the brush holder/ rear plate by tapping it out with a drift. It will come loose enough to remove the wires. Then it can be completely removed and set aside.

Remove the terminal post assembly by removing the hex nut holding it to the housing. Be very careful when removing the nut not to damage the insulators that keep the post from touching the housing.

The pole shoe screws are very tight and should have part of the housing peened into the slots to act as keepers.

They may be removed with a hammer and drift but if not, they can be drilled out with a 5/16 bit being very careful not to damage the coils inside.

If the coils have one lead attached to the housing, remove the screw to free the coils.



Generator housing (disassembled)

Remove the field coils from the housing. This completes disassembly.

Restoring the Housing Assembly

Thoroughly clean the housing of all paint, dirt or grease, inside and out. The best option is sand blasting or bead blasting. Check the housing for cracks, especially near the weld if it is the welded type.



Paint the outside with a good gloss black enamel and the inside with a non-conductive enamel such as Vanguard VSP-E-208

Housing (with field coils installed)

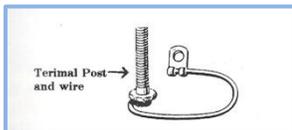
After painting, use a 10-32 tap and chase the threads in the cutout mounting holes. Use a 1/4-28 tap and chase the mounting bracket threads. Temporarily install the mounting bracket with the two 1/4 28 X 7/16 fillister head screws and tighten them to be sure that they don't extend through the housing into the field coils. You can leave it on or reinstall it later if you find that it is in the way. Examine the field coils, checking for rotten wrappings or evidence of overheating or burning. If there is any visible damage it is a good idea to replace the coils.

Whether you use the old coils or new ones, they should still be checked for continuity or shorting. Install the pole shoes in the coils prior to checking and then check that there IS continuity between the field coil leads and that there is NO continuity between either lead and the pole shoes.



Install the coils in the generator housing with the leads at the brush end of the housing. The leads should also be at the upper (terminal post) side of the housing. Place a field insulator gasket between the leads and the case to prevent the wire joining the two coils from shorting on the housing. Use a 3/8" X 14 bolt and several washers to pull the coils up tight against the housing. Then remove the bolt and install the pole shoe screws. The screws must be very tight. Use a large screwdriver with a square shank and an adjustable wrench. A hand held impact driver can be used to do a final tightening, if you are careful. You can stake the screws with a center punch later, after checking the armature clearance.

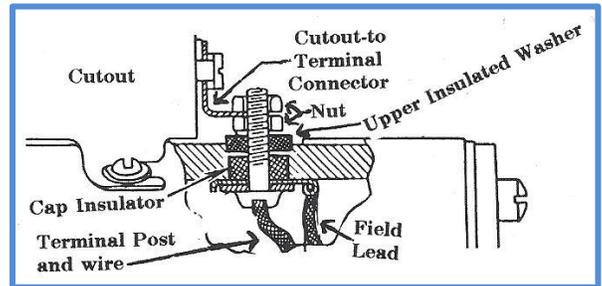
One of the field coil leads will go to the adjustable brush during assembly. The other one needs to have a terminal loop which is either anchored to a screw located inside the housing or held against the case by the terminal post. The loop should have a hole to fit a #8 screw, if located inside the case, or a 1/2" hole if fastened under the terminal post.



The terminal post wire should be replaced if there is any damage visible. Use a multi strand silicone jacketed flexible wire

like the General Silicones Co. #GSC-W14RD, 14awg. The wire should be soldered to the post and should be 7-1/2" for the 29-30 gen (post at pulley end) or 4" for the 30-31 (post at brush end).

Install the terminal post taking care to insure that it is well insulated from the housing. The grounded field coil lead should be held tightly against the housing (scrape off all paint around the post hole inside the case) and must be completely insulated from the terminal post by insulated washers. Tighten snugly so that it will not turn in the case.



Once the post is installed and the pole shoes screws are tightened, do a final electrical check of the field coil and terminal post.

Using a meter, place one probe on the terminal post and the other probe on the generator housing. There should NOT be continuity.

Using a meter, place one probe on the loose field coil wire and the other probe on the terminal post. There should NOT be continuity.

Using a meter, place one probe on the loose field coil wire and the other probe on the generator housing. There SHOULD be continuity.

*Thanks and a tip-o-Smokey's
fedora
To
"The Model A Generator"
Paul and William Mcree*



Next Month

The Armature & Brush Plate!

(Bet you can't wait!!)



Detroit 1917



Atlantic city 1910

THE HORMONE GUIDE

SURVIVAL TIPS FOR MEN: HOW TO ASK A QUESTION TO A WOMAN

DANGEROUS	SAFER	SAFEST	ULTRA SAFE
What's for dinner?	Can I help you with dinner?	Where would you like to go for dinner?	Here, have some wine.
Are you wearing that?	You sure look good in brown!	WOW! Look at you!	Here, have some wine
What are you so worked up about?	Could we be overreacting?	Here's my paycheck.	Here, have some wine.
Should you be eating that?	You know, there are a lot of apples left.	Can I get you a piece of chocolate with that?	Here, have some wine.
What did you DO all day?	I hope you didn't over-do it today.	I've always loved you in that robe!	Here, have some wine.

Automotive Trivia 1912

Vehicle manufacturers crank out 356,000 cars and 22,000 trucks.

75000 Fords!

Several self-starting mechanisms are the rage at the 1912 auto show using a variety of sources including electricity and acetylene.

The Model "T" prices are slashed by Henry, now starting at \$590. The car for the masses!

White separation lines are painted on the streets of Los Angeles area-Redlands California.

They still take both sides out of the middle!

Chicago issues an ordinance restricting auto horn usage within city limits.

Hudson's Mile-a-Minute Roadster is guaranteed to do...(wait for it) 60 Miles per hour!

What a surprise!

November Trivia

Nov 1, 1895 First automotive magazine

Nov 15, 1977 100,000,000th Ford built

Nov 19, 1959 Last Edsel built

Nov 28, 1895 First American auto race, Chicago

Trivia Quiz, questions and answers

Q: *What was the first car with an alternator, rather than a direct current dynamo?*



The 1960 Plymouth Valiant

I think this one should have stuck with the direct current dynamo!!

Next Month

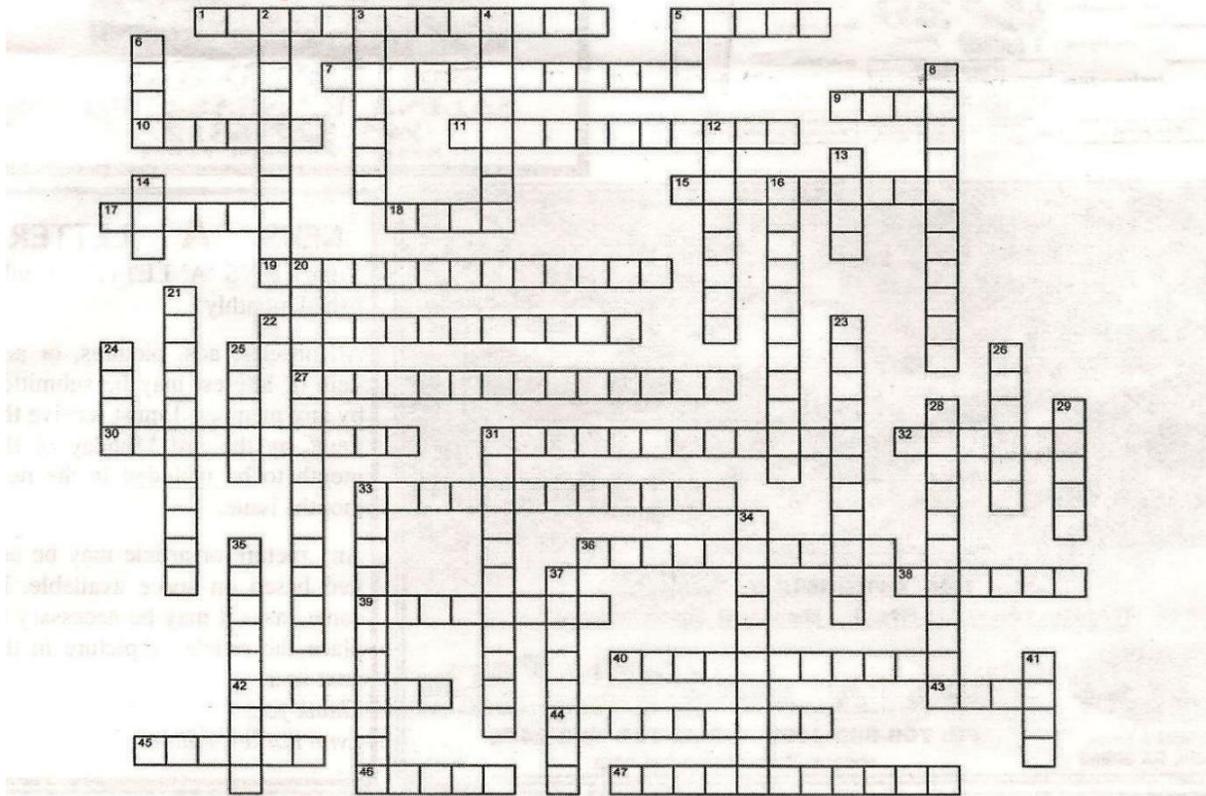
Q: *What was the first car fitted with a replaceable cartridge oil filter?*

Across:

- 1 Shows that the car can be on the road legally.
- 5 Controls level of fuel in the carburetor
- 7 Provides for the optimum engine speed for the cars movement
- 9 Increases ignition voltage
- 10 Locks the clevis on the brake rod
- 11 Changes steering wheel movements to car direction
- 15 A funny looking nut made to be locked with a cotter pin
- 17 Seals the space between parts keeping oil, water or air from leaking.
- 18 Interrupts the electricity in a circuit if there is an emergency
- 19 What you step on when entering your model A.
- 22 Centers the transmission input shaft with the clutch
- 27 Used to hold the car on a hill, but can stop the car if needed
- 30 Indicates water temperature
- 31 Catches solid contaminants in the fuel
- 32 Stops contaminants in air, gas and oil.
- 33 Allows the rear wheels to turn at different speeds
- 36 These turn on when the light switch is turned clockwise.
- 38 Allows the emergency brake rod to be adjusted.
- 39 Supports the crankshaft where it leaves the engine block.
- 40 The spring shackle connects the spring to the _____.
- 42 Protects the lights wiring between the radiator and the lights.
- 43 Supports the car on air.
- 44 Strains oil before being pumped back through the engine.
- 45 This must be correct for the engine to run.
- 46 Seals the space between the cylinder and piston
- 47 Insures that the wheel turns with the axle.

Down:

- 2 Mixes air and gasoline
- 3 Smooths out the bumps in the road.
- 4 One is found in the starter and generator
- 5 Pulls air through the radiator
- 6 The part of a bearing that rotates with the shaft
- 8 Main part of the transmission
- 12 Reduces friction between moving parts
- 13 Main part of a spring
- 14 Keeps oil in and allows fumes to escape.
- 16 Provides for a common starting place for electrical wires.
- 20 Allows the rear axel to move independently from the transmission and engine.
- 21 Hold the crankshaft in place
- 23 Controls fuel to the engine
- 24 Holds parts together.
- 25 Used to make small, incremental changes in parts placement.
- 26 Interrupts engine power from reaching the rear axels.
- 28 Used to adjust the distributor
- 29 Emergency starter
- 31 Tells the driver how fast the car is going
- 33 Sends an electrical pulse to each cylinder in turn.
- 34 Meshes with the driving gear to direct power to the wheels.
- 35 Used in the generator to convert magnetism to electricity.
- 37 The Radius Rod is also known as the _____.
- 41 Allows light to pass through



Thanks and a tip-o-Smokey's fedora

To Janice Gemmell, The Desert A's

You're makin us crazy, Janice!!

FEATHER RIVER A's NEWSLETTER