





1927 Kissel "Gold Bug" Speedster

Owned by: Bruce & Kathie McBroom

PNR CCCA & Regional Events

Details can be obtained by contacting the Event Manager. If no event manager is listed, contact the sponsoring organization.

September 8th-17th - PNR CARavan

PNR Contact: McEwan's & Dickison's

October TBD - Tour PACCAR Distribution Center

PNR Contact: Steve Larimer

October 26th - Las Vegas Concours

Head Judge: Gerald Greenfield

November 6th - Annual Meeting

PNR Contact: Frank Daly

December 8th - Holiday Party

PNR Contact: Frank Daly



Ernie Crutcher

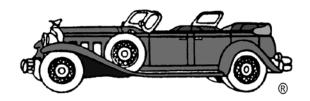
08/14/1933 - 03/05/2019

From a recent email from Bill Deibel:
"I read in the local Packard Club
publication that long-time (though recently
lapsed) PNR member Ernie Crutcher had recently died."

From Ernie's family: "Ernie was a very strong, spirited and intelligent man who died a gentle soul. He loved many things including his children, friends, pets and collections and died knowing he was loved in return"

From PNR members (and Packard afficianados)
Jan Taylor & Bob Newlands: "In our lives, Ernie was
certainly a mechanic extraordinaire, as well as a legendary
story teller. Anyone who ever toured with him surely
heard some of his whoppers."

CCCA National Events



Grand Classics®

September 14, 2019 Cobble Beach, Ontario November 9, 2019 SoCal Region

CARavans

September 8-17 2019..... PNR Canadian Adventure



Director's Message

Greetings Fellow Classic Aficionados!

This issue's message will be brief, as I and numerous other colleagues of yours have just returned or are returning from this year's Pebble Beach Motoring Classic. Wow, what an adventure! Al and Sandi

McEwan once again led an amazing tour. This was my third PBMC; there were slight changes each time and it just keeps getting better. I've said it before and I'll say it again: it's the most fun, delightful, challenging and rewarding vintage car event that you can imagine. Try it once and you'll be hooked. I suspect that there will be an article about it in a future Bumper Guardian.

My third Motoring Classic involved my third car, and unlike the first two I experienced a couple of FTPs (Failures to Proceed) in my recently acquired 1941 Packard LeBaron 180 Sport Brougham. The trouble truck saved my bacon, and I'll be writing a future technical

Continues on page 31

Disclaimer: The technical information in this publication is provided "as is" without any representations or warranties, express or implied by PNR-CCCA. The information in technical articles is provided by the authors to the best of their knowledge as correct at the time of original publication but neither they nor PNR-CCCA will be responsible for errors.

Pacific Northwest Region Classic Car Club of America

The Bumper Guardian is the official publication of the Pacific Northwest Region, Classic Car Club of America. The region was founded in 1963.

Officers and Appointed Posts:

Frank Daly, Director	425-210-1804
Val Dickison, Secretary	206-546-3306
Terry McMichael, Treasurer	206-790-5012
Stan Dickison, Activities	206-949-1115
Val Dickison, Membership	206-546-3306
Karen Hutchinson, BG Co-editor	360-678-5453
Raymond Loe, BG Co-editor	360-678-9366
Colin Gurnsey, BC Liaison	604-980-7429

Board of Managers:

Al McEwan	2019	206-999-4485
Val Dickison	2019	206-546-3306
Kenny Heng	2019	425-443-7546
Kim Pierce	2020	425-330-2665
Frank Daly	2020	425-210-1804
Marty Ellison	2020	425-941-9451
Steve Larimer	2021	206-954-7829
Brian Rohrback	2021	206-235-0371
Jim Tail	2021	206-948-4215

Bumper Guardian Staff:

Advertising	Darrin Wong	425-210-7558
Caption Editor	Bill Deibel	206-522-7167
Copy Editor	Bill Allard	253-565-2545
Cover Story	Raymond Loe	360-678-9366
Staff Photographers	Michael Bradley	206-225-6491
0 1	Steve Larimer	206-954-7829

Board of Managers' Meetings:

1st Wednesday at

The Danz Garage, Totem Lake, Kirkland 5:00 Social Gathering, 6:00 Dinner/Meeting. Minutes on the web and available upon request.

Membership:

Regional membership is available only to Classic Car Club of America National members.

Advertising Policy/Rates:

The Bumper Guardian will print classified advertising free of charge to members on a space available basis. Display advertising rates are available on a prepaid basis only.

Table of Contents

Calendar of Events2
Showcase Cars: Bruce & Kathie McBroom's 1927 Kissel 4
Articles:Kissel Kar Company History6Amelia Earhart's Kissel7Prestige in the Classic Era26
Technical Topics:Manufacturing a Cylinder HeadMeandering Through the Oil IndustryPart II – 3D Printing in Metal
Columns:Director's Message2Membership Update18Editor's Message31
PNR Events/ Regional/National EventsGreat Race84th of July9Rally for SAM10Dochnahl's Picnic12Penz Cast Solutions14Forest Grove Concours16Auto Angels18Motoring Classic Kick-Off20Bentley Driver's Club Picnic21

On the Front Cover
1927 Kissel Speedster Model 8-75

Owned by: Bruce & Kathie McBroom

1927 KISSEL GOLD BUG

The car Kissel referred to as a "speedster" was widely known as the "Gold Bug."





In 1927, my grandmother and grandfather had been taking golf lessons – golf being all the rage in the Roaring Twenties. One day my grandfather, Arthur N. Powers of Kankakee, Illinois saw an ad for the new 1927 Kissel four-passenger speedster with golf bag mounts on the rear fenders. He decided to order one as a surprise for his wife, (my grandmother) because they needed a way to get the golf bags to the country club.

Most of the speedsters were painted yellow, hence the nickname "Goldbug", but he ordered a special paint job in Robin's Egg Blue. The Model 8-75 Speedster for 1927 has a 131-inch wheelbase, a 287 cubic-inch, straight-eight Lycoming engine with a Kissel cylinder head and oil pan, and hydraulic brakes. Cost when new: \$2,500.

My grandparents would take it for a drive to the country club and on occasion, to Chicago on a nice day. In the winter the Kissel was shipped by enclosed boxcar to Phoenix or Tucson, Arizona where they spent the winters (where they could play more golf!).

As a young boy in Kankakee, I would help my grandfather dust the Kissel, which lived in the carriage house with his several Stutz and Packard automobiles. I can remember him telling me when I was about age seven that when I was old enough to drive he would give me the Kissel Speedster. A few years later my parents and I were living in California and one day my mother told me grandfather had sold the Kissel but that when I turned 16 he would buy me a brand new car. I realize now that is when my interest in Classic Cars began and in later years, I wondered whatever happened to that Kissel.

Many years later, while working with Tom Sparks in Hollywood restoring my mother's 1932 Stutz, I would tell all my car friends about my search for the Kissel. In the early 1970s I was put in touch with a collector back east who was the Kissel expert. His name was Gene Husting



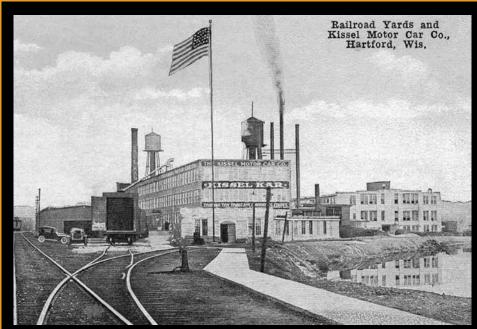


and he had kept track of the car and its multiple owners since 1950. During the 1960s one of the owners had repainted it to the more traditional color scheme for 1927 Kissels: an ivory body and black fenders.

The car was in Milwaukee in the collection of Wally Rank, a long-time member of the CCCA, now deceased. I contacted Wally and he told me the Kissel was his favorite and he would never sell it, but on the outside chance if he ever changed his mind, he would call me first. For the next 25 years I would call Wally, send him Christmas and Happy Birthday cards, and each message ended with "If you ever decide to sell the Kissel, call me!".

Well, he never called. Then one day in 1993 I saw an ad in Hemming's Motor News: "For Sale, 1927 Kissel" with his phone number! I called the number about 3 A.M. and woke him up. The next day I called him at his office and he said "Oh, I forgot, but I have drawer full of cards from you."

A few weeks later, the Kissel was at our home in California. Tom Sparks tuned it up for us. Since it only has 25,000 miles from new, that's all we had to do. We did splurge on new tires and I have some of my grandparents' original golf clubs so they are back together with the car I remember as a kid.

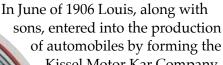


The Kissel Motor Car Factory in Hartford consisted of 15 buildings, constructed between 1905 and 1920. The first buildings were constructed for the production of the Kissel Gasoline Engine. In 1906 an additional building, measuring 112 feet by 160 feet, was constructed to support the production of automobiles. Almost yearly through 1920, new buildings were constructed and existing buildings were expanded to accommodate the growing business. In the early 1920s, the company employed over 1200 people. Largely as a result of the success of the Kissel business, Hartford's population nearly tripled between 1900 and 1920 and the city grew from a small agricultural support community to a large manufacturing center. Kissel ceased production in 1931. The most popular Kissel model was the 1919 Speedster, nicknamed the Gold Bug. Beginning in 1927, Kissel also produced the sporty White Eagle Speedster.

Bruce & Kathie McBroom recently moved from Southern California to Bainbridge Island and joined the PNR bringing two lovely Classics with them - the 1927 Kissel and a 1932 Stutz DV-32 Convertible. This story ran in 2017 in the SoCal-CCCA SIDE MOUNT MIRROR and is reprinted by permission with supplemental information.

Opposite page: Bruce McBroom's mother at the wheel, grandmother in the passenger seat, and chauffeur in the "rumble seat"; Arthur N. Powers in golfing attire; Bruce McBroom and his grandfather - 1948.

This page: 1927 Kissel Speedster Model 8-75 with golf clubs; Rear Cover: Kissel "Gold Bug" cartoon, circa 1920s.



Kissel Motor Kar Company.

The Kissel family built cars that were known for their old world craftsmanship. International renown for advanced design and outstanding performance, helped the company prosper.

Kissel entered the professional car field in 1916 using their then-famous worm drive 32hp 126" chassis offering a limited range of models including hearses, ambulances, taxicabs and trucks.

For 1918 Kissel introduced a coach with wide beveled-glass windows surrounding the casket compartment making them amongst the most striking funeral coaches of the period. Their catalogs also depicted some very sleek and attractive ambulances and service cars all using their long (142") and longest (162") chassis.

espite having a foreign sounding name, "The Kissel Motor 'Kar' Company" was an "American" company founded in 1906 by Louis Kissel and his sons, William and George, in Hartford, Wisconsin. There are conflicting references about the official spelling of "Kar" versus "Car" in the company name. The most plausible rationale I have found is that the Kissel corporate name started using the spelling "Kar" but that was changed after the WWI armistice when they officially dropped that Germanic looking and sounding word in favor of the word "Car". Company advertisements, however, often continued referring to the "KisselKar" thereafter when describing their automobiles.

Conrad Kissel (b.1812-d.1872) emigrated from Prussia in 1857. His son, Ludwig "Louis" Kissel moved to Hartford, Wisconsin in 1883 and by 1890, had opened several companies manufacturing and distributing farm machinery for various manufacturers. One of those companies "Kissel Manufacturing Company" developed their own line of gasoline engines including outboard motors distributed exclusively by Sears Roebuck.

66EVERY INCH A CAR. >>

At the beginning of the War (WWI), the Kissel firm went into the production of trucks for the Army, and during the later months of the war devoted itself almost entirely to production of trucks.

However, with the war mostly over, and anticipating that government contracts for trucks would soon be cancelled, in ????? The company decided to change direction away from producing almost only commercial type vehicles to offering mostly high-end user coupes, speedsters and touring cars. In so doing, they also withdrew from a

very prominent position in the field of funeral cars and ambulances by making their final run of 200 Kissel built coaches sold thru Boston's National Casket Company during 1928 & 1929. The National Casket Company then turned to REO/ Henney for a new line of funeral vehicles, ending their distribution of the Eureka-bodied Kissel coaches.

At the New York Show of January 1918 Kissel unveiled the "Gold Bug", a development of their Silver Special Speedster. The 1919 through 1927 Gold Bug Speedster went on to become the most popular Kissel model automobile ever produced. The Gold Bug earned its name because that was when the firm made chrome-yellow the make's standard color.

This BG issues' feature car model 8-75 represents the end of the Gold Bug two-seater version. It is interesting to note that this very car was featured in the 1956 movie The Eddie Duchin Story. This is the story of famed pianists Eddy Duchin and his son Peter Duchin. Definitely worth viewing.

The new product direction chosen by Kissel management was not working as overall sales volume started to decline after the war and continued on through the late 1920s. Overall, automobile sales along with their other remaining products, were not generating enough income to sustain the business in its current form.

In a desperate move, on March 21, 1930 Mr. George Kissel personally entered into an agreement with Mr Archie Andrews, President of New Era Motors, Inc., whereby he was to have the Kissel Motor Car Company manufacture at least 1,500 newtype Ruxton automobiles a year. Mr. Kissel further guaranteed that Kissel would also manufacture at

least five regular Kissel White Eagle (Speedster) cars, one funeral car and one taxicab daily for the remainder of the year 1930. Unable to meet the terms of this agreement Kissel was forced to file for receivership protection in November of 1930.

After having produced approximately 35,000 automobiles since 1907, the last motor vehicles manufactured at the Kissel plant was a small batch of 25 Ruxtons built in 1931. From then on Kissel production was largely limited to their successful line of outboard motors built for Sears. Upon the death of George Kissel in 1942 the company was sold to the West Bend Aluminum Company thereby ending the 35 year era of the Kissel Motor Car Company.

By Raymond Loe



Celebrities who owned Kissel Kars

Amelia Earhart, Bebe Daniels,
Ralph De Palma, Eddie Duchin,
Douglas Fairbanhs, Gréta Garbo,
Gladys George, Ruby Keeler, William
S. Hart, Al Jolson, Mabel Hormand,
Mary Pickford, Rudy Vallee and more.



Amelia Earhart and her Kissel 'Gold Bug' Speedster

By L. Gurnsey

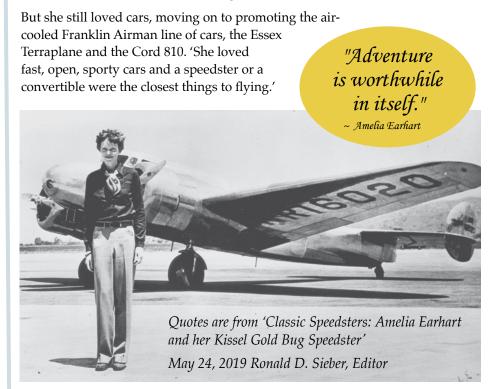
Amelia Earhart climbed trees as a child and climbed into the sky as an adult, searching for new heights and new adventures. We all know about the last days of her life and her mysterious disappearance, but it's the little known things about her that are fascinating. For example, Amelia was only the 16th female to earn a pilot's license. She quit college to become a volunteer nurse during WWI and the flu pandemic that followed.

And, Amelia owned a 1922 Kissel Gold Bug Speedster that took Amelia and her mother on one of those adventures...

driving all over the West Coast and on to Boston across the continent on "roads that were at best dirt wagon trails." They were recognized everywhere they went, as was their bright yellow car.

She loved her 'Kizzle' and a friend said 'she lived poorly and went without everything but essentials in order to maintain the Kissel car, which she loved like a pet dog.' She was apparently a mad driver and people got out of her way. When life was hard, her car brought her freedom and a much-needed sense of fun.

Amelia kept the Kissel into 1928, the year that things picked up for her...the year of her transatlantic crossing and the year she fell in love, later marrying George Putnam in 1929. Her solo Atlantic flight in 1932 made her famous.



The 2019 2300 mile Great Race started on June 22nd in Riverside California and ended at LeaMay-America's Car Museum on June 30th. The museum was excited to have been selected to host the "Great"

HEMMINGS MOTOR

Finish" and final day celebration. This race is a time, speed and endurance rally taking place over the nine consecutive days. After nine days, I (Renee Crist) would put emphasis on endurance. The race is open to cars 45 years or older. The 150 foreign and domestic marques entered in the race ranged in years from 1900s up to early '70s. The cars may be modified for safety, but I was told any other racing modifications are reviewed by the race organizers and must meet their standards for period

correct modifications.

Each day's route is a well-guarded secret. The teams only see the course instructions one-half hour before their start time.

Teams start in an ordered sequence in one-minute intervals at a specific location, sometimes that is many miles from the end of the prior day's race. Each day is considered an individual race of an overall nine-day "season" and at the end of the race "season" there is a "Grand Champion." Day nine at ACM is not only the end of the 9th race; it is also the Great Race season finish that awards the Grand Champion. The most consistent team (not necessarily the most daily wins) for the entire nine days wins Season

Championship and the big award. This year, the end of the 8th day and the 9th day races both happened to be in Pierce County, day 8 at The LeMay Family Collection and day 9 LeMay-America's Car Museum. Having two

races end in close proximity to each other is historically not unusual - there have been seasons where one race might end a few miles from the prior day, but will have a 200 course in-between.

I was fortunate to be asked to participate in our 1964 Porsche 356C for the last three legs of the event in advance of the race ending at the LeMay-ACM. My husband Pat drove the first two of those days while I tried my hand at the complex navigation. Happily, since Pat was not able to be with me Sunday, I drove the last day with Mallory Henderson, a seasoned Great Race navigator. Mallory has been navigating for her father in their 1965 Mustang convertible since she was 15 years old. It was an amazing experience overall.

LeMay-America's Car Museum's official entry competing in the Professional Division was Car #45, a 1964 Studebaker Daytona owned and driven by Steve and Janet Hedke. The team had a great run finishing second in the Commercial Division and 8th overall. The Grand Champion winner this year was Howard and Doug Sharp driving their 1916 Hudson Pikes Peak Hill Climber.



1940 Cadillac Series 62 (Day 7)



1931 Auburn Boattail Speedster (Day 4)



Submitted by:
Renee Crist
Great Race Driver & Navigator
PNR-CCCA Member

150 cars started the Great Race in Riverside, California 110 (approx.) cars finished in Tacoma, Washington 2 cars were Full Classics®*











Attendees in Full Classics®

Frank Daly & Steve Larimer 1941 Buick Convertible Sedan

Ron & Margie Danz and guests 1948 Chrysler T&C Convertible 1934 Packard Convertible Sedan Fire truck

other special interests N/C vehicles

Stan & Val Dickison w/ guests Mayor Joe & Mrs. Anna Sabey 1935 Packard Convertible Victoria

Don & Arlene Jensen and guests 1937 Cord Beverly

Carl King & guest-driver 1932 Auburn Cabriolet

Al & Sandi McEwan w/ guests Mayor Dicker Cahill & guests 1930 Hispano-Suiza

Brian & Jeffrey Rohrback w/ members Darrin & Suki Wong 1939 Bentley All Weather

Attendees with n/c cars:

Jerry & Keenon Greenfield & family Lee Noble & Theresa Renico Kenny Heng Al McEwan has led PNR members and their guests in the annual Yarrow Point 4th of July parade for 43 years! This year marks the 243rd anniversary of our country's founding. PNR members drove seven Full Classics® and nearly as many Non-Classic cars including a beautifully restored fire truck.

As usual, the parade started at the top of the hill and it was actually possible to coast your way to the bottom. Lots of candy for the kids and plenty of red, white and blue to bring-out your patriotic spirit.



Photos: Suki Wong & Al McEwan decorating the McEwan's 1930 Hispano-Suiza; Val Dickison decorating the Dickison's 1935 Packard; The Rohrback's 1939 Bentley; Marjorie Danz in patriotic attire.









impractical motor car imaginable' by Automotive Quarterly. One of the rarest speedsters produced by the Auburn Automobile Company, it is powered by a Lycoming V-12 engine: a 4-L 160hp motor with a two speed rear axle that was cutting-edge for its era. The speedster was exceptionally fast for its day, with a top speed fo 95 mph and was the first production car to break 100 MPH across a flying mile. In monitored endurance speed test held in dry lake beds, the 160A averaged 92.2 mph for one hour, a record that stood until after World War II. The coachwork was done in-house and was inspired by the flamboyant race cars of the late 1920s.

The 1932 Auburn Boattail Speedster was called 'the flashiest, most flamboyant and most outlandishly

Eighteen rare and historically significant automobiles from four private PNW collections and the Mullin Automotive Museum in Southern California were on display at SAM's (Seattle Art Museum) Olympic Sculpture Park.

Spanning 90 years, from the Classic Era to present day, the luxury automobiles and racecars represent extraordinary examples of automotive elegance and history.

Six of the "rolling sculptures" are deemed Full Classics® by the CCCA. The Alfa's all came from John Shirley's collection, the Auburn from Bruce Wanta's collection and the Delahaye and Talbot-Lago from the Mullin Museum. The placards, that were placed with each car, provided both technical features and a bit of history and have been reproduced here alongside the photographs. John Shirley's 1934 Alfa Romeo Tipo B P3 is not pictured here but can be seen in the Autumn 2018 issue of the *Bumper Guardian*.

The event was attended by PNR-member Steve Larimer who regularly contributes photographs to this publication. Other PNR members attending include (but are not limited to): Tom Astrof, Denny & Bernie Dochnahl, Amanda Friedman, Peter Gleeson, Jason Harris, Paula Morrier, Brian & Randy Pollock, and Ashley Shoemaker (Hagerty was a sponsor.)



This Alfa was originally owned by Andrea Mario Piaggio, whose family was known for manufacturing airplanes and scooters. Piaggio donated this car to the Museo dell'Automobile Carol Biscaretti in Torino, Italy in 1951. The museum removed the bodywork and displayed it as a rolling chassis. After 44 years, it was sold, reunited with the bodywork, and carefully restored to maintain its originality. It is one of the most correct Alfa Romeo 8C 2300s remaining. The car has been driven in multiple long distance road tours and vintage races at differing events. Accomplishments include 'Most Significant Alfa Romeo' at the Meadow Brook Concours in 2007, as well as a Certificato d'Oro from the Alfa Romeo Owners Club USA.



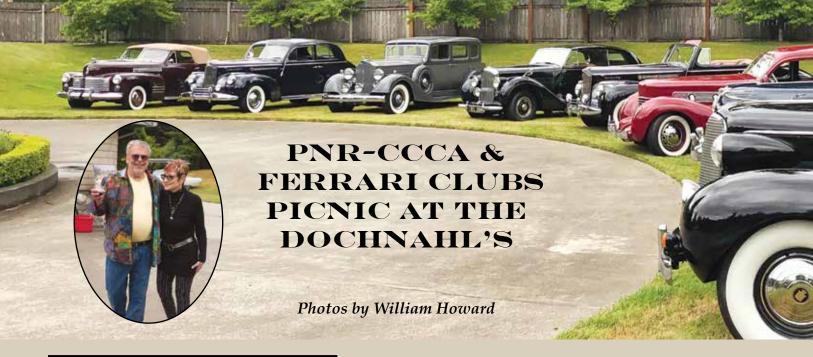
Known as the 'Star of India,' this graceful Delahaye enjoys the fluid "French curves" that helped set the tone at the 1936 Paris Auto Show. The dramatic lines were created by the coachbuilder, Giuseppi Figoni, drawing on inspiration of the aerodynamic landing-gear pontoons on planes designed by Rene Cousinet. The car was originally purchased by a successful businessman in Bombay (Mumbai), who traveled long distances and wanted the ultimate in comfort and performance. The car was re-discovered in 1982 on wooden blocks in a garden shed in India. This car was 9th of the 11 cars made by Figoni et Falaschi between 1936 and 1939. Extensive research was required to complete the outstanding restoration. The car now resides in the Mullin Automotive Museum.



Known by the nickname Goutte d'Eau (teardrop), the shape of this 1937 Talbot Lago 150c SS created by coachbuilders Figoni et Falaschi represents the epitome of 1930s aerodynamic design. One of only 14 produced, the car was originally owned by Woolf Barnato, chairman of Bentley Motors and a "Bentley Boy" race driver. Powered by a 4.0-liter inline 6-cylinder engine producing 140 horsepower combined with a 4-speed transmission with a pre-selector, top speed for this Talbot Lago is 115 mph. The car has won multiple Best in Class awards at the Pebble Beach Concours d'Elegance, as well as Best of Show and Most Elegant Car at the European Concours in 2001.



A beautiful design with unique bodywork, the 1938 Alfa Romeo 8C 2900B represents state-of-the-art Italian prewar technology with lightweight alloy construction, independent suspension and twin superchargers. In 1948 this 8C 2900B won the inaugural Watkins Glen Grand Prix in New York. After a two-year restoration beginning in 2005, the car went on to win numerous awards including Best of Show at the Pebble Beach Concours in 2008, the Louis Vuitton Classic and Ville d'Este in 2009, Windsor Castle in 2012 and Chantilly Arts & Elegance Richard Mille in 2016.



Attending with Full Classics®

Frank Daly 1941 Packard Sedan

Denny & Bernie Dochnahl 1935 Packard Sedan

Monty Holmes & Katie Nolan 1941 Packard Convertible Coupe

> Don & Arlene Jensen 1937 Cord Beverly

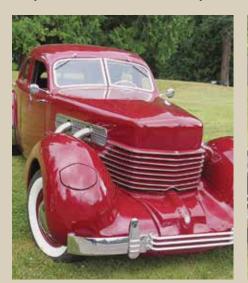
Al & Sandi McEwan & guest 1947 Chrysler T&C Sedan Terry & Barbara McMichael 1947 Bentley Coupe

Lee Noble 1936 Bentley Sports Saloon Jon Schoenfeld 1937 Cadillac Coupe

Attending with Non-Classics

Michael & Ildi Bradley, Stan & Val Dickison,
Marty & Linda Ellison, Jerry & Keenon
Greenfield, Kenny Heng, William Howard &
Jamei June, Barrie & Karen Hutchinson,
Terry & Cherry Jarvis, Marty Kulina, Steve
Larimer, Paul & Janet Lewis, Warren Lubow,
Paula Morrier & Tom Astrof,
Brian & Randy Pollock, Sean & Ashley
Shoemaker, Randy & Carmel Tanner, Jerry
Tiberio, David & Mary Williams, Darrin & Suki
Wong, Conrad Wouters & Glenna Olson

From L - R: Denny Dochnahl's 1941 Cadillac, Frank Daly's 1941 Packard, Denny Dochnahl's 1934 Packard, Terry McMichael's 1947 Bentley, Monty Holmes' 1941 Packard, Don Jensen's 1937 Cord, Al McEwan's 1947 Chrysler, Lee Noble's 1936 Bentley, Jon Schoenfeld's 1937 Cadillac.







From Left Clockwise: Keenon Greenfield, Val Dickison, Jerry Greenfield, Steve Larimer, Paula Morrier, William Howard, Ashley & Sean Shoemaker





First on the Scene!

By Brian Rohrback

The Dochnahl party is the premier event of the early-Summer, and I like to be ontime. Somehow, I got it in my head (and my iPhone calendar) that the party started at 10:00 am and Lisa, Jeffrey and I dutifully drove my Bentley into the Lake Kathleen compound right on the (wrong) dot: 4 hours too early! Although ever-the-ultimate-host Denny offered-up coffee, wine or vodka to pass the time, we retreated onto the open road to grab some lunch and do a few errands.

Next on my evolving agenda – a failure to proceed. So, I found myself using my trusty reserve battery pack to revive the roadability and limp to the nearest Napa parts store. Sure enough, the battery was dead; I made the swap, looked at my watch, found it to be 4:30, and retreated to my condo for a glass of wine. Show or no show, I leave it to the reader.



Dochnahl's Famous Cioppino

2 qts fish fumet*

(or 2 pts water to 1 pt clam juice)

6 tbsp olive oil, or as needed

5 large garlic cloves, minced

2 medium onions, chopped

1 head fennel, sliced

Grey salt and freshly ground pepper

1 tsp dried oregano

2 tbsp tomato paste

1 can (28 oz) whole plum tomatoes, drained and chopped

2 cups dry white wine

1/4 c parsley leaves

3 tbsp fresh chopped basil leaves

2 tbsp fresh chopped tarragon leaves

2 pounds littleneck clams

1 pound cooked crab legs, cracked into

1 ½ in pieces

1 pound large shrimp, peeled and deveined, tails on

1 stick unsalted butter, room temperature

2 pounds halibut fillet, shinned, cut in 1 ½ in pieces

3/4 pound sea scallops, foot removed

Directions

- 1. Heat 2 cups clam juice and water in a saucepan. Simmer about 5 minutes, remove from heat and set aside
- 2. Heat ¼ cup olive oil in an 8-qt pot over medium heat. Add garlic, allowing it to brown for about 20 seconds, then add onions, and a pinch of salf. Cook until vegetables are softened, about 4 minutes. Add oregano. Stir and cook for 30 seconds. Add tomato paste. Cook stirring until paste darkens a bit, about 2-3 minutes. Add chopped tomatoes (squeeze them slightly through your fingers), white wine and saffron, clam juice, and water. Add remaining clam juice and water and bring to a boil. Season with salt and pepper. Cook until liquid has reduced by half. Cover and simmer for 30 minutes.
- 3. Skim the fat from the soup, add parsley, basil and tarragon. Add clams and simmer until clams open, about 3 minutes (discard unopened clams.) Add crab pieces and heat through. With a pair of tongs, remove crab legs to warmed serving bowls. Place a colander with shrimp in it, into the pot without submerging it completely. When shrimp are just cooked and pink add to serving bowls. Use tongs to fish out the clams, add to bowls. Melt the butter in the broth, stirring as it melts.
- 4. Meanwhile, season halibut and scallops with salt and pepper. Heat a skillet over medium-high heat, ad 2 tbsps oil. Cook the halibut and scallops, wihtout stirring until browned, about 2 minutes. Turn and cook another 30 seconds. Fish will be slightly underdone. Cover scallops and sauteed fish with ladles of broth, bring to a simmer, then transfer scallops and fish to the serving bowls.
- 5. Remove the bay leaf and the jalapeno peppers from the pot. Season broth with salt and pepper. Pour broth over fish in bowls.
- 6. Mash the softened jalapeno peppers into a paste, and serve as a garnish for guests who like their Cioppino spicy.
- Place all ingredients in a large stockpot. Bring to a boil. Lower heat and simmer for 30 minutes. Allow to cool before storing.

^{*} Fish Stock - recipes available on line

PNR tour of Pentz Cast Solutions



Wednesday*, July 10th found twenty PNR members and guests gathering at Pentz Cast Solutions in Duval to tour this local foundry which recently finished casting an aluminum water-cooled cylinder head for member Bill Allard.

The tour was guided by foundry owner Larry Pentz and sales and engineering associate Robert Del Valle. Larry began casting metals in 1972 as a way to further his interest in art. The resultant company is now a provider of complex cast aluminum parts to Boeing and many other industries.

* the foundry is not open weekends



Attendees

Bill & Lucy Allard, Mike and Ken Beach, John Campbell & guest Cole Tsang, Frank Daly, Stan & Val Dickison, Bill Gluth, Steve Larimer, Ralph McCarty, Al McEwan, Lee Noble, Tom Profit, Brian Rohrback, & guest Paul Bailey, Jim & Irene Tait.









Manufacturing a New Cylinder Head!

By Bill Allard

Over a year ago, I began the process of making a new aluminum cylinder head for a mid-1930s vehicle who's original head had deteriorated from electrolysis and corrosion. New heads are unavailable and used heads suffered from the same problems, so the only option for obtaining a serviceable head was reverse engineering the original to create a new copy.

The process began by making a 3D X-ray scan of the old head and transferring the scan data into digital format which would be used to create the patterns for both the outside shape and the internal water cavity (core). This required refinement of the scan data; including allowing for shrinkage of the aluminum in the casting process.

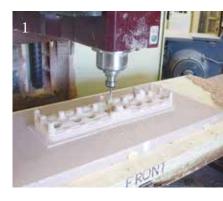
A company in Tacoma CNC-machined the pattern for the outside shape from high density synthetic material. This pattern was used to make the traditional sand mold for the exterior of the head (*Pic. #1: machining the head pattern.*)

The core pattern was 3D sandprinted, and inserted directly inside the final mold. It was flushed-out with hot water after the casting was completed, leaving an area in which engine coolant will circulate. (Pic. #2: pattern on right; core shipping container being opened on left. Pic #3: printed core removed from shipping container.)

The final step was machining details to match the original. (*Pic.* #4: machining the casting.)

Pic. #5: finished head.













Forrest Grove Concours d'Elegance



Best of Show Winner - James Harri's 1934 Packard 1107 Convertible Sedan

Friday, July 19th, a small, but mighty band of PNR members started out at LeMay America's Car Museum in Tacoma, enjoying donuts and coffee furnished by Hagerty. Event manager/tour leader Kim Pierce took us on backroads east of I-5 to Napavine, where we had lunch at Ragin' Jack's BBQ before continuing on backroads west of I-5. Then it was onward in somewhat difficult traffic through Longview to the Columbia River where we followed highway 47, west of Portland. Hwy 47 is really an old logging road that has been paved but has many curves, up and down hills. Such roads can be a challenge for elderly cars but we pressed on. We would have taken the recommended Cornelius Pass Road, but as Matt Hackney pointed out "it is closed for roadwork". That evening our group went to dinner in downtown Forest Grove for jovial fun and good food before retiring to our respective hotels.

Registered concours participants went on a wine tour Saturday morning, through the Tualatin Valley winery district. A detour on a residential street, avoided the parade through downtown Yamhill and added a bit of excitement. The somewhat misadventure was followed by lunch in the countryside at a lovely winery. Afterwards, we were back to Forest Grove for a brief Japanese saki stop and the distribution of ribbons, showing we went on the tour. Saturday night featured the "Evening of Elegance" at the Pumpkin Ridge Golf Club in North Plains with a delicious buffet dinner and beautiful evening skies.

Sunday morning those of us displaying our Classics and other marques, were on the field by 8AM. The weather was warm but tolerable. There were about 350 cars on the show field, but many just on display. Jim Harri from Walla Walla received "Best in Show" with his gorgeous gray 1934 Packard 12, convertible sedan. His car received 100 points at the 2019 annual National CCCA meeting in Scottsdale and was featured in the last issue of the Bumper Guardian. In the Packard Class 1937-47, Frank Daly took first in class for his stately 1941 Packard LeBaron 180 Sport Brougham. In the 1925-36 Packard Class Stan Dickison was awarded the "Allen C. Stephens Elegance Award". Mister Stephens, a Rotarian but now passed, was the founder of the Forest Grove Concours, which is the local Rotary club's major fund raiser for local charities. It was especially meaningful to Stan, being a 40-year Rotarian with "perfect attendance" and a long record of service. After the concours, Matt and Karla Hackney

Entering Full Classics:

Frank Daly 1941 Packard 8, 180 LeBaron Sports Brougham

Stan & Val Dickison 1935 Packard 12, 1207 Convertible Victoria

Jim Harri w/ CCCA guest Craig Williams 1934 Packard 12, 1107 Convertible Sedan

Judging:

Gerald Greenfield, Head Judge Steve Larimer Terry McMichael Brown Maloney Kim Pierce

Attending:

Michael & Ildi Bradley, Craig Christy, Howard Freedman, Jerry & Keenon Greenfield, Matt Hackney, Bill & Mary Jabs, John &, Donna Koziol, Steve Larimer, Bob LeCoque, Jr., Terry & Barbara McMichael, Brown Maloney, Glenn Mounger, Bob Newlands & Jan Taylor, Kim Pierce & Kristy Ryan, Jim & Irene Tait, Conrad Wouters



First in Class (1937-1948) - Frank Daly's 1941 Packard LeBaron Sports Sedan



"Allen C. Stephens Elegance Award" - Stanley Dickison's 1935 Packard Convertible Victoria

invited PNR to Karla's father's home for a delectable chicken dinner and much more interesting conversation concerning the day's events.

When Stan and I headed north for Seattle on Monday morning, all seemed good until we came to a dead-stop on I-5, near Tacoma. There had been an accident ahead. After an hour of idling in very hot weather "Miss Vicky" said enough was enough. She sputtered and died, suffering from a serious case of vapor lock. Fortunately we were under the

Pacific Avenue overpass, in the shade, so we sat for roughly an hour. Finally able to proceed out into fast moving traffic, with the help of yours truly flapping a shop rag in my right hand, we proceeded to the next exit and refilled "Miss Vicky" with gas and water.

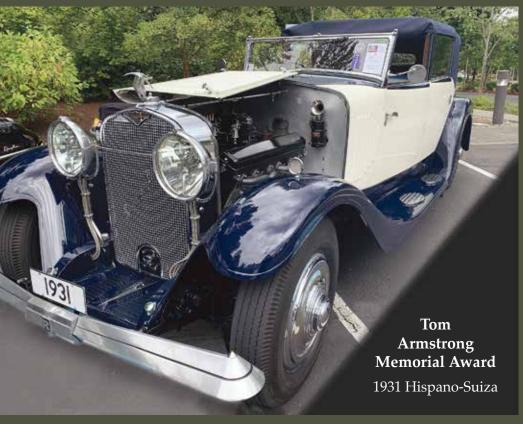
It was probably the heat, smell of exhaust and general fatigue, but as we headed for home up Hwy 99, I found humor in the local signage and changes in the business mix. Through the slow traffic I noticed a neon sign "Bare Naked"

with a nude woman sitting in a martini glass. No question what they do there. Another sign for a drive-through coffee shack was "A Brewed Awakening" and finally the corker was a recreational marijuana store "Tweedom". Visions of the cartoon character, a small yellow canary, "Tweedy Bird" flew through my imagination. After he managed to break free from his cage he sang out "Tweedom! Tweedom!"

Written by: Val Dickison









The Auto Angels event is a charity affair which raises money to supply vehicles for members of our community who are in need of wheels. Several of the recipients of repaired and enhanced cars were there to tell their stories about how the Auto Angels- gift helped them in a time of need.

The Pacific Northwest Region has adopted the Auto Angel's Benefit Car Show as THE place to be in late July, so a fine Saturday was our reward on July 27th at the Presbyterian Church just North of downtown Bellevue. A threat of rain (oh, come on, this is the Pacific Northwest!) may have kept the less intrepid from the show, but rain only made its debut near the end of the event and that was a light summer blast that did little to dampen the spirits of the attendees.

Four of our Classics made the inner circle display and Al and Sandi McEwan came away with the Tom Armstrong Memorial Award, which is a special remembrance of a very special PNR member.

Good deeds plus, hamburgers and hot dogs, music and a lot of elbow-rubbing coupled with an eclectic mix of vehicles and an even more eclectic mix of people make this a great show. This was lucky event #13 and we all look forward to more to come. Visit their website at www. autoangels.org for more information.

Submitted by Brian Rohrback

PNR Attendees Driving Classics

Stan Dickison 1935 Packard 12 Convertible Victoria

> Al and Sandi McEwan 1931 Hispano-Suiza J12*

Brian Rohrback 1939 Bentley All-Weather

Jon Schoenfeld 1937 Cadillac Fleetwood Sport Coupe

PNR Members Driving non-Classics

Susan Armstrongs's Grandson Steven Anderson 1988 Testerossa, nc 1965 Buick Riviera, nc

Marty Ellison w/ Grandsons Caleb Dang and Colton Bishop (driving modern)

Bruce Wanta**
(lots of spectacular nc cars)

* borrowed from the King of Persia by way of New Zealand ** should be a member









Photos (top-bottom) Jon Schoenfeld 1937 Cadillac Fleetwood Sport Coupe Brian Rohrback 1939 Bentley All-Weather Stan Dickison 1935 Packard 12 Convertible Victoria Marty Ellison w/ grandsons Caleb Dang & Colton Bishop

PNR MEMBERSHIP UPDATES

New Members

Jim Sullivan

Jim's Classic Garage and Automotive 3028 – 14th Ave NW Gig Harbor, WA 98335 Cell #206-406-1313 jim@jimsclassicgarage.com (referred by Tom Crook)

Ken Beach

PO Box 2143
Kingston, WA 98346
Home # 360-297-2369
Cell #206-240-4755
Email: kenwbeach@gmail.com
1928 Stutz 8 Conv. Sedan
1928 Stutz 8 Victoria Coupe

Contact Changes

Randy Small 1950Rand@gmail.com

Member News

PNR Manager Darrin Wong and his wife Suki welcomed baby girl Kaylee Harper Wong into the world on July 25th.



Congratulations to the Wong family from your PNR friends!



2019 Motoring Classic Kick-Off Party

Attendees

Arny Barer Michael & Ildi Bradley John Campbell w/son Rob & guest Renee & Pat Crist Frank Daly Ron & Margie Danz Stan & Val Dickison Marty & Linda Ellison Jerry & Keenon Greenfield Colin, Laurel & Keira Gurnsey Jack Goffette & Barbara Shain Peter Hageman & Kristy Gomez Pat Heffron Kenny Heng William Howard & Jamei June Barrie & Karen Hutchinson Terry & Cherry Jarvis Don & Arlene Jensen Tim Johnson Marty Kulina Steve Larimer & guests Sig Linke Al & Sandi McEwan Terry & Barbara McMichael John McGary w/son Jason & grandchildren Havana & Jamison Roy & Terry Magnuson Paula Morrier & Tom Astroff Paul & Matthew Murray Tom Nault & guests Lee Noble & Theresa Renico James & Sherry Raisbeck Brian Rohrback Ashley Shoemaker & guests Rick & Patty Sleanes David & Jody Smith Jim & Irene Tait Darrin Wong

Robert Del Valle from Pentz Cast Solutions had planned to attend but was unable to get away from work.

Conrad Wouters & Glenna Olson

This year is the 100th anniversary for Bentley, and the past, present, and future ▲ of the marque is being featured on the lawn at Pebble Beach. Nearly one-quarter of 2019 concours entries will be Bentleys, filling four classes devoted exclusivley to the marque.

Participating in Al McEwan's 2019 Motoring Classic are nine Classic and one modern Bentley from the United States, England, Germany, Switzerland and The Netherlands. Included in the group are Bentleys owned by PNR members Roy Magnuson (1928 Bentley 4½ Liter Tourer) and Lee Noble & Theresa Renico (1924 Bentley 3 Liter Tourer Vanden Plas). Marty & Linda Ellison will be driving the 2019 Bentley Benatayga provided by the Bentley Motor Company.

PNR members driving other Full Classics[®] include Frank Daly (1941 Packard Sport Brougham) with Stan & Val Dickison and Ashley Shoemaker, Al & Sandi McEwan (1933 Rolls-Royce P-II), and Brian & Randy Pollock (1935 Bugatti Type 57). PNR members Peter Hageman and Kristy Gomaz drove a lovely nc Mercedes Benz (they registered a 1929 Bentley 4½ Liter Tourer but changed for mechanical reasons.)





Lee Noble and Theresa Renico's 1924 Bentley 3 Litre Tourer Vanden Plas



Roy & Terry Magnuson's 1928 Bentley 41/2 Litre Tourer



Sandi McEwan



Sig Linke



Jack Goffette



Laurel Gurnsey & Keira



Brian Pollock



James Raisbeck

Bentley Driver's Club Picnic

Jim and Rosemary McAuliffe hosted a wonderful afternoon event on Saturday, August 3 aimed at the Bentley Drivers' Club. Of course, a passel of people from the PNR-CCCA were in attendance.

Bentleys spanned the decades with Classics from the 1920s (4), 1930s (3), 1940's (1), plus more modern Bentley versions (5), and a for-good-measure Rolls-Royce. Our hosts put three Full Classic® Cadillacs on display along with other collectable cars scattered around the property. Other non-Classic beauties arriving in style represented Ferrari, Porsche, Morgan, T-Bird, Corvette, and more.





Terry & Barbara McMichael's 1947 Bentley Coupe



PNR Members Roy Magnuson & Peter Gleeson



Rohrback's 1939 Bentley and McMichael's 1947 Bentley flanking a 3 litre W.O. Bentley

PNR ATTENDEES

Stan & Val Dickison, Peter Gleeson, Jack Goffette, Colin Gurnsey, Peter Hageman, Steve Larimer, Roy & Terry Magnuson, Jim & Rosemary McAuliffe, Al McEwan, Terry & Barbara McMichael, Lee Noble, Brian & Randy Pollock, Brian Rohrback & Ashley Shoemaker.

Part 11: Meandering Through the Oil Industry - EXPLORATION: To Boldly Go...



" Engineering materials used in the exploration have improved."

Sorry for splitting an infinitive (Star Trek made me do it!). As mentioned in the last installment in this series, the oil lies underground, usually miles beneath the surface of the Earth. So, it is not just an issue of extracting the oil from places far below, there is also that little issue of figuring out if the oil is there in the first place. So, how do we find it?

In the early history of oil exploration, basically all we did was look for seeps. Much like water runs downhill, oil does the reverse and runs uphill within the confines of different layers of ground strata. We find the seep, look at the lay of the land, and then guess at where a reservoir is located. We would confirm by drilling a set of wells to see the extent of the reserve. The drilling approach to recover the oil was pretty crude too, mostly encapsulated by easily relocated wooden structures where all you could do was to drill straight down, never really certain how far down you should go.

But the days of seep prospecting are long gone....

Next up was to play the analogy game: Well, we found oil when the land looked like this before... Geologists stepped up to form a fundamental understanding of where petroleum comes from and used that knowledge to focus on areas that were most promising. What is needed is a source of the organic matter that will be heated and squeezed to both form the oil and make it migrate. We then need a





trap to capture the crude before it disappears into the surface environment. Two scientific fields came into being: geochemistry – looking to make sure

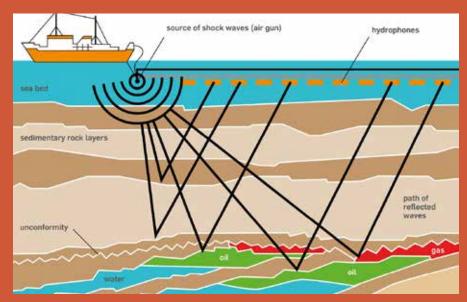
the oil has a source, and geophysics – looking for structures that can hold oil. We will look at geophysics and leave geochemistry for another day (about 3 months from now).

The era of geophysics transformed exploration about 70 years ago (show of hands here: who doesn't like a good explosion?). We use either an air gun or small explosive charges to generate a wave, then monitor using a series of acoustic sensors. Sensitive microphones or vibration detectors detect the reflections of the shock waves - hydrophones over water, seismometers over land. Applying a bit of physics allows these surveys to detect features of the sub-surface geology. The time it takes for reflected sound waves to travel through rock of different densities creates a profile of the substructure.

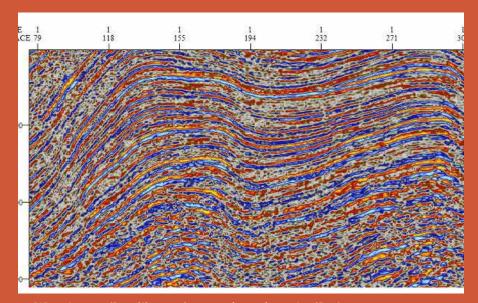
The shock waves are sent off in a sequence and the whole jumbled mess is pieced together by computer to form an image of the strata. We use the image, of course, to estimate reservoir structure and depth, but we also try to interpret porosity (how much oil we might find) and permeability (how easy will it be to squeeze the oil out). The images generated from this wave harvesting looks like the following picture, presented so you can try your hand at doing the interpretation.

Oil exploration has even gone into space to try to find areas where the subsurface geology can be inferred from the structures observed from afar.

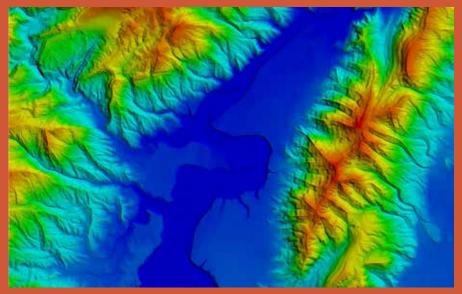




Doing the wave.



Wave images (Just like an ultrasound at a doctor's office.)



Enhanced false-color imaging (And, into space we boldly go.)

3D Printing in Metal

"There are cases where pursuing 3D printing of metal parts for Classic cars may be the best way to go. The most likely candidates are 'must have' parts that are complex in shape, not too large in size and not available through traditional channels."

By: Craig Devine

In the first article on 3D printing in the Spring 2019 edition of the Bumper Guardian, we briefly described 3D printing process using plastic. The desired part is carefully measured and a CAD drawing file is created. That CAD file is sent to a 3D printer, and a plastic part is printed, with thin layer upon thin layer of plastic deposited in exactly the right place. After what can be hours of time, a complete plastic part is printed.

In that article, we described how we then used the "lost wax" process to make a metal part from the printed plastic part. Through many steps by a craftsman, a wax version of the part is created, and a ceramic mold is created around the wax part. Then, molten metal is poured into the ceramic mold, melting the wax away (thus the term "lost wax"!). The metal part is cooled and released from the mold. This process creates a metal part that then needs some "cleaning up". It would have certain imperfections related to the numerous steps involved in the molding and casting process. In the case of the part made for holding the sun visor on Barrie Hutchinson's 1948 Jaguar 3 ½ Litre Drophead, the quality of the resulting parts was ok, but not quite "good enough" for the standards of a concours bound car. But this process can be successfully used for the production of some parts. In the creation of a different part... the reverse release knob on the fire engine in the Danz Garage... the lost wax process produced an excellent part that fit the needs of that situation perfectly.

So, one might wonder... is there a way to print metal directly, and avoid the lengthy and skills-based lost wax casting process? The answer is yes... there are 3D printers that can print directly in metal. Are all the challenges avoided with these new metal-capable printers? And is it cheap? Well...

3D printing is a fast-developing technology, and there are a growing number of companies in the Pacific Northwest and beyond that offer 3D metal printing (and related) services.

Different Processes for Metal Printing

It turns out that there are a number of ways... a number of different technologies... that are used to directly print parts in metal. All start with the creation of an accurate CAD drawing with detailed dimensions. Then... the printing process can vary. The three types of processes for printing parts in metal follow.



1. Direct Metal Laser Sintering (DMLS): DMLS is the current technology used by most large companies. An energy source (a laser or another energy beam) fuses an "atomized" layer of powder (perfectly round, tiny, spherical particles) to create layers of an object. Layers of powder are accurately spread over a bed, and a scanning laser "sinters" the particles together in the desired places. Layer upon layer of powder is added, each layer is sintered by the laser, and in time these layers build upon each other to create the desired 3-s shape.



2. Direct Energy Deposition (DED or LMD): This process works like the plastic 3D printer. A narrow rod of powdered metal (like a welding rod) moves very slowly down toward the printing base, and a highly controlled

laser beam fuses metal powder as it is slowly released and deposited to form the layers of an object, moved by an industrial robotic arm. Although the process is usually executed inside a closed chamber, a recent project used a similar approach to 3D print a full-size bridge.

3. **Binder Jetting:** Another approach that uses a powdered metal mixture bed is "binder jetting". In this case, the layers of a part are formed by gluing together the metal particles and later sintering (or melting) them together in a high-temperature kiln.

Post Print Heating: Sintering

The DMLS and Binder Jetting processes are then followed by the sintering process, which melts the powdered metal mix and finalizes the properties of the metal. This process causes a shrinking of the part on the order of about 15%. Necessarily, parts are printed a little too big to allow for this shrinkage. This requires judgment and skill and creates certain challenges that affect the accuracy of the outcome. A common level of stated precision on 3D printed parts is 0.2%. In a 4'' wide part, this would be +/-0.008''.

Creating a CAD File

All 3D printing requires the creation of a CAD drawing file with all of the part dimensions. Besides the ability to use a precision measuring device like a caliper or micrometer, this would require a computer and a CAD program to accomplish. There are PNR-CCCA members who can do this work if you are interested (contact Craig DeVine to discuss.) Or, some companies will perform the precision measuring and CAD file creation service for you... at a cost, of course. The other modern alternative for creating a CAD file is to do a "3D Scan" of a part to create the CAD file. A 3D scan of a part is created by rotating a part 360° in front of a scanning laser. It will quickly create a file showing the complete surface dimensions of a part. This service is also offered by some 3D printing companies. It can be considerably faster than creating a CAD file with a caliper and a CAD software program. Once a part is mounted on a scanner, the file can be created in as little as 5 minutes. The drawback of a scanned 3D file is that the resulting file is a close approximation of the part, and it is a file type that is harder to edit if you need subsequent design changes, taking time and considerable skills in CAD to accomplish. But... 3D scanning can be a great way to go for getting a CAD file quickly and easily.

Different Metals

Classic car parts are made from a variety of metals depending on size, stresses, surface finish and cost considerations... and of course, vintage. Today's 3D printing can be done with many different metals including aluminum, stainless steel, titanium, and inconel.

Real Costs

3D printing in metal is not inexpensive. Here's the paragraph I received from a contact at one company as I did my research:

"We receive quite a few inquiries from car enthusiasts looking for replacement car parts. Unfortunately, they are often sticker-shocked at the price of 3D printing... If you are trying to make a custom part or a part that no longer exists,... one should be ready to spend thousands of dollars not hundreds. We would also require a CAD file to provide a quote."





Request A Quote

I sent an RFQ for the Danz Fire Engine's metal reverse release shift button to three companies. I provided an "STL" CAD file. The part has a complex shape... it would be difficult to machine as there are very few flat surfaces, and it fits in about a 3" cube. But the tolerances aren't that important on this particular part either... +/- .030" would work just fine. I asked for quotes in aluminum.



iD3: \$300 NR / \$670 3-4 wks +/- 0.005" Fathom: \$1,195 2½ wks, +/- 0.005" Stratsys: \$1,624 2 wks, +/- .012"

Pacific Northwest 3D Printing Companies

Fathom Dynamic Advanced Manufacturing Seattle, WA • 206-582-1065

A "service bureau": can access many different types/sources of manufacturing and find the best process for the given part and quantity. 3D printing, CNC Machining, Tooling and Injection Molding, casting DMLS, FDM, PJ, SLA, SLS, MJS

3D Logics

Hillsboro, OR • 503-455-8450

DMLS and SLS Printing, 3D Design, 3D Scanning

I3D Manufacturing

Bend, OR • 541-550-9730 DMLS Printing and EDM Manufacturing

Stratsys Direct Manufacturing

On-line @ stratsysdirect.com • 1-888-311-1017 3D printing, CNC machining, Urethane casting, Injection Molding, Design Services

PRESTIGE IN THE CLASSIC ERA

By Laurel Gurnsey

Then I first scrolled through member Bill Deibel's fabulous collection of 1920s and 1930s *Spur* magazines, I spotted many ideas for Bumper Guardian articles. All connected to Classic Cars, of course.

The *Spur* was published for New York and East Coast upper crust society, featuring social announcements (weddings, engagements, etc.) and full of beautifully colored ads for elite stores and hotels, supplies for the 'horsey-set', real estate ads and ads for 'Great Gatsby' golfing weekends. Classic car ads, grand European travel and cruise ads. I have loved just holding the magazine in my hands and appreciating it for the rich social history it embodies.

The *Spur's* subtitle was 'A Magazine of the Good Things in Life.' Upper crust. <u>Prestigious</u>.

I wanted to do two things with this article.

- Look at how the ads themselves reflected how people in the upper class thought about 'the proper everything' in their lives... 'proper' schools, 'proper' clothes, 'proper' servants, 'proper' vacations? Did that upper crust need to 'fit in' with their peers? Did they worry about prestige? Many did. What would owning or being seen in a Classic Car have done for them?
- Does this still connect to our Classics today? A club member suggested I consider this question...what do we want our Classics to do for us? Do we still buy them for prestige? Or do we buy them because they 'rock our world?' Do we love everything about their rich social and mechanical history? In the *Spur* ads, you can see how important it was that you have all those proper things so society would perceive you as having importance.
- Some Classic Car owners today may still want a Full Classic® for the reflected

dictionary

Cambridge: pres-tēzh', or pres'tij, n. respect and admiration given to someone or something, usually because of a reputation for high quality, success, or social influence:

Merriam-Webster: 'prestige means standing in the eyes of other people.' [From the Latin 'praestigiosus' for deceitful, full of tricks.]

prestige or perception of prestige it brings us. That was a big part of ownership in the Classic Era and is only human. And most of us love to dress the part for the Coming Out Party or for special events, stepping into the world of 'Downton Abbey' for a while. And, it can be fun to wave at 'our public' as we cruise down the street in our Classics.

But I would venture a guess that most of us today have Classics because we appreciate coach built cars for their craftsmanship, high quality, design and mechanical reputation. That we respect and celebrate the history of these remarkable cars. Many of us get our hands covered in oil and love the sound of the cars as we go out on CARavans and car drives.

Historically, the lure of "prestige" was used by high-end car manufacturers to sell cars to wealthy clients. Karen Hutchinson says 'owning and loving a piece of history today is open to backyard mechanics as well as to bazillionaires.' Looking at the upcoming auctions in Pebble Beach, a 1930 Duesenberg and a 1936 Bugatti both have estimates exceeding \$2M. Stunningly beautiful but not for the faint of heart. On the other hand, leafing through Club magazines, it is not difficult to find a Cadillac or Packard with an older restoration that would make a great "driver" selling for less the \$50K. (In fact, on page 31 of this issue, PNR-member Brian Harding is advertising his elegant, "pretigious" 1940 Cadillac 60S Sedan for \$22,500.) And, a mechanically-inclined person willing to put in "sweat equity" on a project car can enter the hobby with a significantly smaller investment.

Whatever your reason for owning a Classic, summer is a great time to get it out, take it on a drive, take it to a car show or just tinker with it in your driveway. Enjoy!



Establis



bed Reputation Gan Assure , , Out of the fog of claims and counter claims, Cadillac prestige stands as a beacon-lightpointing the way to luxury, distinction and the motor car value that brings abiding satisfaction.



Why not travel in Europe . . . like a lady?

At home, the stupid daily chores are automatically taken care of for you . . . and yet, abroad you frequently allow yourself to be swamped by a mass of irritating detail.

At home, everyone knows "who you are" abroadyou are open to rudeness of a merehotel clerk. You go abroad for a vacation . . . why waste your time working for it?

Our Individual Travel Service will take care of just as many of the tiresome details as you may desire ... steamship, milway and hotel accommodations; guides and couriers; automobiles and sightseeing; baggage insurance and transportation; and the rest

Abroad, the hotels, railroads, etc. know "who we are" . . . our fifty years' friendly relations with them is at your service . . . let us send you further particulars about the Raymond-Whitcomb Individual Travel Service.

Write for our Guide to Traval in Europe.

Raymonds Whitcomb Tours to Europe

28 comprehensive spring and summer tours to the im-portant cities and localities of western Europe. Tours include extensive trips by automobile, ranging in scope from 3 to 37 days.



Solve Three Problems with One Stroke of the Pen!

JIGN A LEASE at the Hotel White and ation Deficulties and the Servant Question The Hotel White is New York's preaparement hotel. It is located in Murray Hill in the very center of the city-yet is quier and exclusive. Maid service is included in your lease. All at rentals that defy compafor character of accommodations offered. Impect and Company

1, 2, 3 or more rooms Serving panery, bath with every chamber

UNFURNISHED SUITES ONLY NO TRANSIENT GUESTS

HOTEL WHITE



The Spur Advertising

In 'Why not travel like A lady', January 15, 1927, the ad begins:

'At home, stupid daily chores are automatically taken care of for you...and yet, abroad you frequently allow yourself to be swamped by a mass of irritating detail. At home, everyone knows 'who you are'...

The 'Hotel White' advertisement, November 15, 1925, has a great opening sentence...

'Sign a lease at the Hotel White and immediately dispose of three vexing problems: Where to Live, Transportation Difficulties and the Servant Question.'

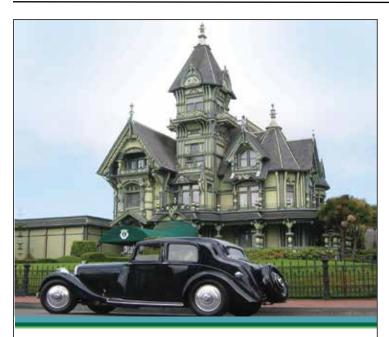
The ad for the country estate continues by boasting 9 master bedrooms and 'ample accommodation for servants.'

In 'Some Women Choose Rolls-Royce', February 15, 1927, the photo shouts prestige. Liveried chauffeurs, top hats and fur coats. A night at the opera in style. It says,

'Quite naturally, some women choose Rolls-Royce. It becomes as much a part of their background as a box at the opera.'

And an ad for **Cadillac**...

'Cadillac prestige stands as a beacon-light', ...



After we talk about Classic Cars, let's talk about real estate financing solutions.

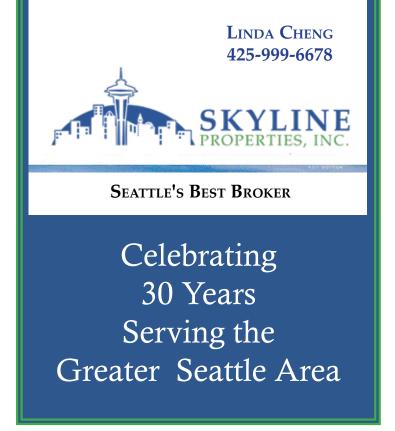


Conrad Wouters VP. Financial Institutions NMLS 105806 11 206 422 9197 nail cwouters@evergreenhomeloans.com



709 3rd Avenue NE, Suite 115 | Seattle, WA 98115 Alasia Mortgage Broker (Lender License AKS 182 and AKS 182-1; Aroona Mortgage Barler License (191007-4; California —DBD Residential Mortgage) lending 3134; Nevada Mortgage Barler License 3130; Oregon Mortgage lending License ML-3213; Washington Consumer Loan Company License CL-3182. 8/15







3430 Fourth Ave S Seattle, WA 98134 206.282.5603

Bellevue, WA By Appointment Only 425.455.0770

www.convertiblesonly.com • office@convertiblesonly.com

Murray Motor Car

#1 for Restoration and Service

In Our Fourth Decade of Restoring Antique, Classic and Special Interest Cars

PAUL MURRAY AL MURRAY (425) 487-1902 (360) 794-1902 17476 D 147th St. S.E., Monroe, WA 98272 Email: oldcarsmmc@aol.com Fax: (360) 805-1342

QUALITY RESTORATIONS

360-871-2165 **ORSR.com**

Award winning metal and paint work '32 Cadillac V16 Roadster/Gordon Cochran '32 Lasalle Cadillac/Gordon Cochran '41 Cadillac Convertible/Gary Johnson numerous project not listed

> **METAL FABRICATION BODY-OFF RESTORATIONS MAINTENANCE ISSUES** Paint issues, dents, etc.

> > References available



ENGINE GASKETS FOR OLD CARS, TRUCKS, TRACTORS, & INDUSTRIAL

3059 OPDAL ROAD E. • PORT ORCHARD, WA 98366 EMAIL: INFO@OLSONSGASKETS.COM

360.871.1207 OLSONSGASKETS





JOIN THE MOVEMENT. BECOME A MEMBER TODAY.

10% ACM Member Discount at Griot's Garage 10% ACM Member Discount on Accommodations at Hotel Murano One Complimentary Appetizer/Dessert with Two Entrée Purchases at Pacific Grill

Open 7 days a week | 10 am - 5 pm | Tacoma, WA | americascarmuseum.org



INSURING YOUR VEHICLES FOR OVER 50 YEARS

UNPARALLELED CLAIMS SERVICE
AGREED VALUE COVERAGE
EXCELLENT CUSTOMER SERVICE





facebook.com/jctaylorinsurance

1-888-ANTIQUE

jctaylor.com



Athletic wards

athleticawards.com

Proudly supporting and designing dash plaques, awards, apparel and promotional products for car shows, car museums and car clubs across the country!

(206) 624-3995



Director's Message Continued from page 2

article about what I learned. I'll give you a hint – 'fuel delivery issues' are a very common cause of breakdowns on long and sometimes arduous tours such as the one Al organ-izes for us.

Take a glance at the column on the right and you'll see that there are four more PNR CCCA Events scheduled for the balance of the year. I'll be at all of them, and I hope to see you there. Rumor has it that there might be an opening on the Canadian Adventures CARavan (due to a cancellation), so here's your chance to join in on the fun!

Until next time-Frank



Editor's Message

Long-time PNR members and fellow Whidbey Islanders Brian and Fran Harding are relocating to Indianapolis to be near family. Brian and Fran were amoung the first "car people" we met when we moved to the Island almost 20 years ago. Our friendship started over a shared passion for ACD (Auburn Cord Duesenberg) cars-Brian had a 1931 L-29 Cord in boxes in his garage and Barrie had a 1936 Cord Phaeton that was also in boxes. Also residing in the Harding garage was a 1940 Cadillac 60S Sedan that served as a comfortable and faithful driver. The Cadillac is not making the move to Indiana and is in search of a new owner who will continue to provide her with tender loving care and hopefully take her on a CARavan.

We couldn't bring ourselves to say "Adieu" the French word for goodbye but settled on "Au revoir" which translates to "until we meet again." We wish them well.

Karen Hutchinson - PNR Editor



FOR SALE 1940 Cadillac 60S Fleetwood Sedan \$22,500

Older Restoration Well-Maintained Great Tour Car Contact: Brian Harding

360-682-8571



