



NCKCC News

Handcrafted Automobiles

January 2012

Volume 30 Number 1



UPCOMING EVENTS

January 14, 2012 - We will hold our Annual Planning meeting at 1:00 p.m. at the Ygnacio Valley Library, 2661 Oak Grove Road. If you can come early we will meet at Rocco's Pizza for some Pizza at 11:30. Please RSVP to (925) 938-1442 or nckcc@astound.net (See page 2)

FROM THE PREZ

2011 is over and 2012 has arrived with its usual fanfare. Of course, a new year always requires a new calendar of Club events and activities. In that regard, the NCKCC has scheduled a planning meeting for Saturday, January 14th in Walnut Creek. We will work out an event/activity schedule for all of 2012. So if you have any suggested activities or events that you would like to see on our calendar, please forward your suggestions to me or to Vern so they can be included in our new Club event calendar. Better yet, bring your ideas to the planning meeting in person and enjoy some comradery with a pizza prior to the actual meeting. I think we have opportunity to make 2012 another outstanding year for Club members, but we do need to have all our members participate in the planning process as well as the actual events or activities. Hope to see you all at the planning meeting with lots of great ideas. Meeting details elsewhere in this newsletter.

Hope you had a great Holiday Season. See you on the 14th.

Jim W

DUES PAYING TIME AGAIN

As 2012 has arrived its time to remind everyone to pay their \$24 dues for the New Year.

I will use my usual procedure of listing the last names of those whose dues have been paid. Eleven have already paid for 2012 and their names are listed below.

Bales	Bohr	Craycroft
DeCato	Ellis	Hance
Maddux	Rehfeld	
Rodarte	Smith	Tung

So please check this section each month to see that I have received your dues payment. That way we can cross check on you, me and the USPS.

Also, for those who would prefer to pay by PayPal, we have an account to handle that option. If you already have a PayPal account you can select a 'personal' payment to nkccc@astound.net and there is no PayPal fee. However you can also use a Visa or MasterCard credit card through PayPal, but in this case we ask you to add \$1 (\$25 total) to cover the PayPal fee.

To make a payment to NCKCC just send it to nkccc@astound.net

That way I will receive an email advising me of your payment.

JANUARY 14th PLANNING MEETING

By Vern Hance

Our planning meeting will start at 1:00 p.m. at the Ygnacio Valley Library, 2661 Oak Grove Road, Walnut Creek. (Same location that we used last year)

Now, what we need is your ideas and the willing people to be a 'Champion' to carry out at least one event idea for 2012.

We really need your attendance and ideas to make 2012 a banner year.

For those that can come at 11:30 a.m., I will host a lunch at Rocco's Pizzoria, 2909 Ygnacio Valley Road Walnut Creek. (in the Encina Grande Shopping Center at Ygnacio Valley Road & Oak Grove Road) We will strengthen ourselves with some pizza, sodas and beer to do our planning more effectively.

So far I have responses from the following people; Rehfeld, DeCato, Smith and Wagner, but I need to know who else is coming so I can order the right amount of pizza. So please call (925) 938-1442 or email nkccc@astound.net and tell me if you will be there at 11:30 for lunch or at 1:00 for just the meeting.

To get there, head for Walnut Creek on I-680.

Those coming from the south should exit on Ygnacio Valley Rd and go east to Oak Grove Rd. (this is the location of Encina Grande Shopping Center where Rocco's is located) Then turn right on Oak Grove Rd and go ¼ mile to the library on the right.

For those coming from the north, take the Treat Lane exit and go east to Oak Grove Rd. (about 2 miles) Go right on Oak Grove and continue across Ygnacio Valley Rd. Turn right immediately to get to Rocco's (in Encina Grande) for lunch or continue ¼ mile to the library on the right.

The meeting room is at the SW corner of the library and can be accessed through the library or from an

outside door on the south side of the building.

So bring yourself and bring your ideas for a greater 2012 at NCKCC. See you on Saturday the 14th of January.

SACRAMENTO AUTORAMA

The Autorama is recognized as the premiere custom car show on the West Coast. The Show will feature over 450 of the finest custom cars, hot rods, classics, motorcycles, and specialty vehicles from around the county. The show runs Friday, February 17, 2012 through Sunday, February 19, 2012.

In addition, and after virtually a 5 year absence as an Autorama venue, the promoter, John Buck, has agreed to allow the Association of California Car Clubs to host the "CLUBHOUSE" in the 100,000 square foot Cal Expo Pavilion during the 2012 Autorama. "The CLUBHOUSE" will be offered to all Car Clubs to display their vehicles.

(Your editor has requested information from ACCC on how we could show off some NCKCC cars.)

The reply I got was that they were overwhelmed by Car club entries and had to cut them off in early December. So it looks like our only options would be to consider a "Group" outing to attend the Autorama, or just leave it to individual members to attend at their convenience.

STEVE BALES - 1936-2011

From Mary Ellen Bales

Stephen Bales (Capt. Steve Bales) passed away Dec. 5, 2011 from pancreatic cancer. He was born in Flint, Mich. 1936; resident of Danville, CA. He is survived by his loving wife of 51 years, Mary Ellen and daughter Diane Bales. Also stepchildren, Linda and Gary and six grandchildren.

He was proud to have served in the US Army as a paratrooper, as Sgt. 11th Airborne during the Korean conflict. If you asked him he would tell you how many times he had jumped; he was so proud. Steve had many friends from 40 years of bass and salmon fishing aboard his boat, New Fisherman III.

He was a member of the Golden Gate Fishermen's Assn.(GGFA) He really enjoyed working with all the other fishing boat captains from SF, Berkeley and Emeryville, retiring in 2002.



(Above: Steve & Spencer)

He also had friends in his car club, Northern Calif Kit Car Club (NCKCC) He built a 1934 Mercedes Benz Roadster and rebuilt a 1939 Ford coupe with his grandson, Spencer Parker. Both cars winning trophies at car shows.

(Below: 1st Place 2008 AHA Knott's Berry Show)



He was an honorable man, great husband, father, grandfather. At his request, no memorable service. His ashes will be scattered at sea when weather permits.



Captain Steve Bales (above) on New Fisherman III (below)

Please donate if you wish in his memory to the Golden Gate Fishermen's Assn (GGFA), 50 Briarwood Dr., San Rafael, CA 94901 or Northern Calif Kit Car Club (NCKCC), 3317 Ellesmere, Walnut Creek, CA 94598 or Kaiser Martinez Hospice, 200 Muir Road, Martinez, CA 94553. This hospice was so wonderful to us until the end.

SPRING CONFERENCE & 40TH ANNIVERSARY CELEBRATION!

From the ACCC newsletter

The Annual Spring Legislative Conference will be held at the California Auto Museum, 2200 Front Street in Sacramento on Friday, March 16, 2012 through Saturday, March 17, 2012. The 40th Anniversary Celebration and Car Show will also be at the Museum on Sunday, March 18, 2012.

The Conference Chair, Butch Gardner, has lined-up some exciting speakers including Carmel Roberts, Director of Government Affairs for the Historic Vehicle Association; California Senator Ted Gaines; Karen McClafin, Director of the California Auto Museum; Mr. Ken Hamel, Educator and Creator of the Hot Rod Education Program at the Yuba County Office of Education; Robert Butler, Owner of the Historic Hwy 40 Garage in Auburn; as well as other industry experts and legislators. On Sunday we plan to "Put The Pedal To The Metal" with the 40th Anniversary Celebration.

We'll start Sunday off at 1:00 PM with the 40th Anniversary Car Show. (weather permitting) A Welcome Reception with a No-Host Wine & Beer Bar plus a Museum Tour begins at 4:00 PM followed by dinner at 5:00pm.

Immediately following dinner we will acknowledge our major sponsors, and introduce ACCC Past Presidents and dignitaries. Dancing starts at 6:30 PM and goes to 9:00 PM.

Tickets for the 40th Anniversary Celebration & Car Show will go on sale Monday, January 2, 2012 and are \$10.00 per person.

Contact Johna Pierce at 916-442-5984; Rex Roden at 530-622-6608; or Butch Gardner at 530-677-4761 for tickets or for more information!

Due to the support and participation of our sponsors we are able to offer the conference at \$25.00 per person which includes admittance to the conference both days; lunch both days; and the tour of the California Auto Museum! This is almost half of what the conference cost last year! Download the registration form http://www.acccdefender.org/spring_conference_reg_form.pdf.



LET'S JUNK FLORIDA'S INEFFICIENT ETHANOL MANDATE

By Matt Gaetz

Published 9/28/11 www.thedestinlog.com

Some members of the Florida Legislature gauge their success or failure by the number of laws they are able to enact. I think a little differently. When my time in the Legislature ends, I'll always be proudest of the outdated, burdensome and sometimes downright silly laws and regulations I fought to repeal.

One prime example is the Florida requirement that gasoline sold in our state contain between 9 percent and 10 percent ethanol. I hope to scrap this requirement during the upcoming legislative session.

The Florida ethanol mandate became law in 2008. The argument was that ethanol use could reduce carbon emissions and create "green jobs" in our state, given the prolific sugar growing in South Florida. We now know the benefits of ethanol were overstated and the negative consequences were overlooked.

Today, government is literally crawling into our gas cans with a product that can be harmful to our engines, our economy and our environment.

And with soaring gas prices impacting our pocketbooks, government should not mandate a product that cuts miles per gallon. Modest estimates show that Florida's ethanol mandate is costing drivers a minimum of \$75 per year — putting the most significant financial burden on drivers living paycheck to paycheck. That's unacceptable.

Auto manufacturers are so concerned about the corrosive impacts of ethanol on engines that they are warning consumers. Hyundai, for example, tells buyers that "the use of ethanol may result in negative effects to cold starting, as well as engine driveability. ... It will also result in reduced fuel economy." Of specific interest to Floridians, the greater harm to boat and lawn mower engines.

But more than engines are harmed by our ethanol policy. The effect of ethanol mandates on global food prices (and the impact on hungry people around the world) raises serious moral concerns with using corn as energy.

There are 3 billion malnourished people on Earth, more than ever before in human history. Corn and grains make up more than 80 percent of food intake worldwide. The United States has played a major role in feeding the world, with our corn exports tripling over

the past decade. If more corn is inefficiently converted to ethanol — and not exported — our trade deficit will worsen and poor people who depend on our food exports will die.

Would harm to our engines, our economy and the most vulnerable people in the world be worthwhile if we could reduce dependence on foreign oil and help our environment? Maybe to some. The problem is that ethanol is an energy loser with serious environmental dangers.

A Cornell University research study concludes that ethanol generates a 29 percent energy loss, meaning it takes more than a gallon of gasoline to produce a gallon of ethanol. Even the Obama administration's Environmental Protection Agency issued a 2009 report showing that ethanol mandates will increase carbon emissions in the short term and may need to be in effect for 100 years before significant reductions are realized.

Ethanol production is also highly water-intensive. It takes 1,700 gallons of water to produce one gallon of ethanol. In a state where water resources are scarce, diverting and polluting large amounts water is hardly an investment in a clean future.

Contrary to the promises, no substantial "green industry" has emerged from the ethanol mandate. By 2009, 9 percent of all ethanol plants had gone bankrupt. With sugar prices climbing, the vast majority of ethanol used in Florida is corn-based and shipped from other states. Higher costs, borne by Floridians, are needlessly subsidizing a distant corn industry.

As a nation, we must never end the search for efficient energy alternatives. Ethanol, however, is an affront to the efficiency we covet. Hopefully, federal lawmakers will realize this reality if states such as Florida show leadership.

The best way to unlock America's energy potential is to reduce the red tape that government winds around innovators and cutting-edge research. When we unleash investment in new technology, more creative outcomes can be generated in the private sector by a free market.

Energy independence is the challenge of a generation — but we won't meet that challenge with costly feel-good laws that hurt people. Repealing Florida's ethanol mandate is a good place to start.

—Matt Gaetz represents portions of Okaloosa and Santa Rosa counties in the Florida House of Representatives. He lives in Fort Walton Beach.

A VERY DIFFERENT PORSCHE

By Vern Hance

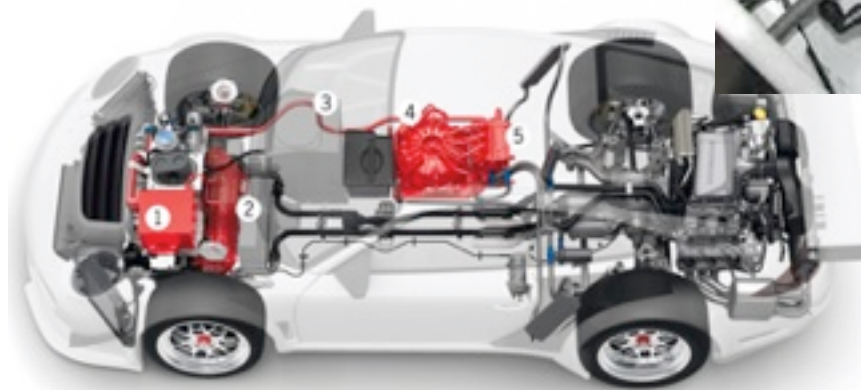
I read a report recently about the new Porsche GT3 R Hybrid. But this hybrid has a different way to store electrical energy.

It is a 2860 pound all wheel drive vehicle with a 4.0 liter 470 HP flat 6 in the rear and a 100 HP electric motor/generator at each front wheel. During braking these motor/generators store the braking energy into a 31 pound electric motor/flywheel in a vacuum sealed 'crash-proof' box beside the driver.

The flywheel energy storage unit is shown below at "4" in the diagram below.

This flywheel concept allows massive amounts of energy to be returned to the wheels compared to a battery storage system with its limitations on battery cycling times and resultant heat build-up.

Shown below is a close-up of the electric motor/flywheel. Note the size of the electric cables.



- | | |
|--|--------------------------------|
| 1. Power electronics | 4. Electrical flywheel battery |
| 2. Portal shaft with two electric motors | 5. Power electronics |
| 3. High-voltage cable | |

Energy formerly converted – and thus wasted – into heat upon every application of the brakes, is now highly efficiently converted into additional drive power.

Depending on racing conditions, hybrid drive is used in this case not only for extra power, but also to save fuel. This again increases the efficiency and, accordingly, the performance of the 911 GT3 R Hybrid, for example by reducing the weight of the tank or making pit-stops less frequent.

The flywheel generator itself is an electric motor with its rotor spinning at speeds of up to 40,000 rpm, storing energy mechanically as rotation energy rather than a battery. The flywheel generator is charged whenever the driver applies the brakes, with the two electric motors reversing their function on the front axle and acting themselves as generators. Then, whenever necessary, that is when accelerating out of a bend or when overtaking, the driver is able to call up extra energy from the charged flywheel generator, the flywheel being slowed down electromagnetically in the generator mode and thus supplying up to 120 kW to the two electric motors at the front from its kinetic energy. This additional power is available to the driver after each charge process for approximately 6 - 8 seconds.



Reportedly this car can accelerate and brake at about 1g and corner at nearly 2 g. This sounds pretty unbelievable, but this magic is aided by the front wheel electric motors which can be run at different speeds and power levels. The Porsche GT3 R Hybrid can literally pull itself into a corner by over-driving the outside front wheel and under-driving the inside wheel. This 'torque-vectoring' feature is accomplished by software that allows the car to operate much of the time at the limit of adhesion and can be adjusted for different track layouts, tire characteristics and even the driver's style.

The peak horsepower of 670 gives the car a 0-60 acceleration of 2.5 seconds and a top speed of 195 MPH. The estimated price is in the \$1.5 million ballpark, so start saving now if you plan to buy one.

FOR SALE

BUGATTI 1927 Bugatti, good cond. Never wrecked. Yellow paint, brown upholstery that needs rework. Less than 50 miles on 1600cc recond. engine. Consider delivery. \$3000.00. (See photo) Dave Fernandez 530-384-2778 email daf360hd@att.net (3-10)



From top:: Dave Fernandex '27 Bugatti

FINO – Built on 1987 Fiero with Cadillac Northstar V-8 & auto trans. Regular trophy winner. Custom suspension, brakes and interior. Special Purple BASF Extreme paint. \$25,000. Call Al Bohr (503-632-8372) or e-mail: albohr@bctonline.com. (10/09)



Al Bohr's Fino with Cadillac Northstar power

FERRARI Testarossa (yellow). This beautiful and extremely well built smog exempt car won 7 awards including first place at Knott's and was featured in Kit Car Illustrated. The chassis is a lengthened Fiero, with a Chevrolet 327 engine, a Getrag 5-speed transmission, authentic Ferrari chrome-plated aluminum wheels, Eagle F-1 tires, plus many other amenities. This is my fourth replica and is by far the best. \$21,500. Al Clavelli 650 573-8125 or e-mail alclavelli@aol.com. (7/11)



Al Clavelli's Ferrari Testarossa

"Cars for Sale" ads in the NCKCC News are for members only. Rate is \$10 for 12 issues.

Shown above right are the cars listed.

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Carl Scott
661-251-2223