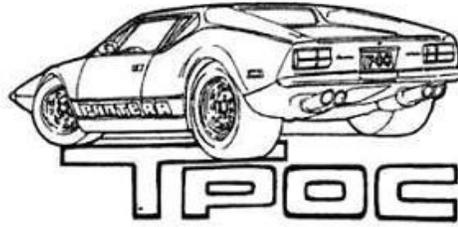




Dave's at Memorial Service



www.ocPanteras.com

March 2013



Pictures by Bill Harris

Dave's Service was as he wished --- a brace of a dozen Panteras and even a Mongusta. He got a lively Irish send-off and a large party to boot. Dan, his son, spoke eloquently of his life and the treasures he left to his family. His sister, Liz, shared his preoccupation with drawing from a very early age. Bob talked of high school days and the efforts Dave was taking to organize this year's reunion. Art Stephens expressed Dave's willingness to help with repairs to his Panteras. The Adlers drove up to tell stories of Rudderow's dedication to the club too. It is easy to see why he was so proud of his sons and his grand daughters.

General Meeting Changed Again to Coco's (12582 Valley View St.) Garden Grove (714) 898-9719 at 7:30PM on the third Wednesday of each month. So, see you there on April 17th.

Foxfire Closed its restaurant doors. They served us well through the years but we must now find a new site for our Christmas banquet. The buffet seems to work with our group. So, send your suggestion to Bob Singer.

Coolant Consideration by **Bill Wright**. As a final note to last month's discussion of engine coolant additives, it should be pointed out that a possible break-down of today's blended fuels can also contribute to engine overheating. Even though the cooling system can be functioning as designed, fuel quality, octane, air/fuel mix, and combustion chamber cleanliness can all affect engine temperature. Ever since tetraethyl lead was banned by the EPA years ago, gasoline manufacturers have resorted to blending with "oxygenates" (usually ethanol) to obtain sufficient antiknock qualities. Even when you think you are buying gasoline that contains no ethanol, there is usually some in the blend. In most states, ethanol is added to a minimum level of 5.9%.

This causes a multitude of problems, especially in carbureted engines built before 1990. (I have one of those!). First, ethanol contains extra oxygen that throws off the air/fuel ratio, making the engine run too lean, which means it runs hotter.

Just as bad, ethanol is hygroscopic, which means it continuously absorbs water from humidity in the air through a process called "emulsion". When the ethanol becomes saturated, it separates from the gasoline forming two separate solutions ("phase separation"). This water soaked ethanol solution sinks to the bottom of the tank and is highly corrosive. It causes fuel tanks and lines to corrode from the inside out with tiny pieces of by-products lodging in carburetor inlets, needle valves, jets, and filters. The emulsified gasoline is also less volatile, resulting in octane loss.

Next is the issue of oxidation. Oxygen in the air causes ethanol to oxidize, forming insoluble, non-combustible by-products. Running these by-products through an engine forms carbon deposits in combustion chambers. These deposits remain incandescent in the chamber and can cause the fuel charge to ignite before the regular ignition spark. If the premature combustion is completed before the regular spark occurs, there may be no identifying noise, so you won't even know it is happening. If the spark plug fires in time to produce a second flame front, the telltale pinging is heard when the two flame fronts collide. This detonation produces additional cylinder heat, and can lead to engine overheating.

Also, rubber materials tend to harden and become brittle with exposure to ethanol's by-products, and prior to 1990 many carburetors were built with alloys that are prone to corrosion from ethanol.

Basically, today's fuels are designed for immediate use. If that Pantera sits in the garage without being driven for a month or more, there are probably not-so-good things happening in the fuel tank.

Fortunately, the marvels of modern chemistry have once again come to the rescue. The same company mentioned in last month's article (Applied Chemical Specialties) now markets a product that can eliminate all of the problems just discussed. Their new "Fuel System Combustion Optimizer" is now 100% synthetic. It will prevent oxygenates from forming the gums that cause carbon deposits. It will prevent emulsion, and inhibit corrosion of all metals in the fuel system. If there should already be any phase-separated ethanol in the fuel it will be solubilized and burned without octane loss. Any pre-existing carbon deposits will be fully dissolved and washed/burned away. And it removes any gums and varnishes formed inside fuel tanks, fuel lines, carburetors, and injectors. The product treats any type of fuel, will not harm catalytic converters or oxygen sensors, and is EPA, CARE, and TOP-TIER compliant.

Applied Chemical Specialties' web site is: www.NoRosion.com. Check 'em out. They manufacture several more interesting additives.

Mullin Museum is being considered as a run. It is the site of the world's most expensive car. Is there any interest? Any suggestions?

Cars n Coffee in Irvine is the Saturday site of some truly fine automobiles. More of Bill Wright's photo commentaries are at "past events" page of our ocpanteras.com site.

Membership Directory is found on-line at POCA.COM in the Club tab then select My Chapter. You must be signed in to see this screen so please do. It is a convenient way to also reach your fellow POCA members. Confirm the information posted there and send updates to Judy since the POCA membership file is its source.

POCA Membership is offered by Judy McCartney at jpoca2@hotmail.com. Contact her there and be sure to say which chapter you'd like to join --- TPOC jumps to mind. She has a flyer outlining the benefits of membership in this worldwide organization. BTW, consider carrying it in your car as a handout.

Reminders: from rkunishige@hotmail.com. Everyone with an interest in DeTomaso cars is always welcome.

Mar 30 **Annual Fix-up at Rod's Garage**

Apr 17 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.

Apr 19-21 **Long Beach Grand Pix.**

Apr 21 **Fabulous Fords Forever** Knotts Berry Farm, Buena Park fabulousfordsforever.org.

Apr 24-8 **POCA Fun Rally** is listed in your POCA newsletter and on the POCA.com site. Early reg get a raffle ticket.

Apr 27 **Seal Beach Car Show**

May **Vic Edebrock Garage Tour**

May 15 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.

Jun **HB Concours**

Jun **Concours de Nice**

Jun 19 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.

Jul 17 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.

- Aug 21 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.
 Sep **Belmont Shore Show**
 Sep **Coronado Speed Festival** San Diego
 Sep 18 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.
 Oct **Wings, Wheels and Rotors** Los Alamitos
 Oct 6 **Laguna Bch Car Show** is open for registration at www.lagunabeachcarshow.com costing \$35. It was a favorite of Dave Rudderow. Our display was a prime spot in the atrium.
 Oct 16 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.
 Nov 20 **TPOC Mtg 7:30pm** Coco's (12582 Valley View St.) Garden Grove (714) 898-9719.
 Dec **John Force Holiday Show** Yorba Linda
 Dec **NO TPOC Mtg**
 Dec ? **Christmas Party** Foxfire is no longer in business. Thus, we'll have to find another site. Contact Bob Singer with your ideas.
 Dec ? **Gondola Tour** - Contact Bob Singer for your tickets.

Long Beach Swap Meet: Apr 7 May 12 Jun 9 Jul 14 Aug 4 Sep 8 Oct 13 Nov 10 Dec 1@ 6am – 1pm at Veterans' Stadium \$8.

Weekly Events: Friday: Garden Grove Main St, Saturday: HB Donut Derelicts, Irvine Cars n Coffee, Sunday: Woodland Hills Supercars.

Please help me fill in the dates for the calendar. Send your email to rkunishige@hotmail.com.