



Newsletter April 2018

2018 Directors

President: Ron Howard
Vice-President: Tony Herrera
Secretary: Georgia Whitlock
Treasurer: Carol Misner
Sergeant-at-Arms: Patrick Smith
Past President (2017): Tony Herrera

Appointed Positions

Historian: Group Effort
Photographer: Group Effort
Sunshine: Sandee Anderson
Activities: Bill Whitlock & David Allen
Event Reminder: Pat Dobson
Membership: Robert Thiel
Webmaster: Cathy York & Sharon Hook-Martino
Parade Coordinator: Dora Moore & Sheron Leigh
NCM Ambassador: Len Atlas

May Birthdays

Holly Kay 5/2	Candy Walker 5/24
Dan Calvert 5/6	Cathy Cardoza 5/25
Dee Yellin 5/12	Bob Fleischman 5/28
Jo Ann Lloyd 5/19	Julie Allen 5/30
Mary Clark 5/21	

May Anniversaries

Terry & Debbie Miller



Contact Tony Herrera

Next Club Social

Please RSVP to Pat Dobson @
pdobson0503@icloud.com or 541-664-4506

Why Join SOCA?

- ☛ Promote esprit-de-corps among Corvette enthusiasts.
 - ☛ Create interest in the Corvette as a true dual-purpose sports car.
 - ☛ Provide a means of technical information and service to members.
 - ☛ Encourage dealer and manufacturer cooperation.
 - ☛ Organize and promote events of a social nature and provide social gatherings for enthusiasts with common interest.
 - ☛ Sponsor or participate in activities to benefit the community through recognized charities as selected by the members of the Association.
- SOCA Constitution -

Upcoming Meetings

General Membership Meeting, May 2, 2018
7:00 PM, Rogue River Community Center.
Visitors are always welcome!



John Peterson and Mike Vaara were recognized for their service in Vietnam by Mike Whitfield. Mike Whitfield represents Military Veterans. Mike Vaara was unable to attend the award.



Events & Activities

April 14th, Pear Blossom Parade. Meet at 8:45am at the lower lot at Macy's. This is NOT a candy throw. After the parade we will have lunch at the Roadhouse Grill, 2699 W. Main St in Medford

April 21st, SOCA Event and Social. 9:00am - 12:00noon Terry Richards will be putting on an Auto Detailing Clinic. This clinic is an educational course in professional detailing that covers all facets of your car, inside and out. LOCATION: Industrial Finishers, 1018 Fisher Ave; Medford. After the clinic, we will attend the 2018 Rod & Custom Car Show at the Jackson County Expo. There will be special parking for our Corvettes. At 6:00pm is the SOCA dinner at the Asian Grill located at 1250 Biddle Rd; Medford.

May 5th, Magical Merlin Parade. This IS a candy throw. After the parade we will have lunch at the Galice Resort.

May 19th, SOCA Social Bar B Que at the Peterson's in Grants Pass. Info. TBA

June 2nd, Southern Ore. 7th Charity Car Show. NOTE: This was the Southern Ore. Misfits Show & Shine. Same event, different name. Details TBA

June 16th, Medford Cruise Classic Car Show,(Medford Cruise) Details at www.medfordcruise.org

June 23th, SOCA Social. Drive and dinner. The drive will be from Canyonville to Shady Cove. Details TBA.

June 30th, Rooster Crow Parade. This IS a candy throw. Lunch location TBA.

July 4th, (THIS IS A WEDNESDAY), Eagle Point Parade. This IS a candy throw. NOTE: We are working on a convenient exit strategy.

July 7th, Roseburg-Canyonville Graffiti Night Cruise. Details at GraffitiWeekend.com

July 21st, SOCA Social. Drive and dinner. Details TBA.

August 4th, Drive to Loon Lake. This is a beautiful lake 20 miles east of Reedsport off highway 38. It boasts one of the finest campgrounds with a warm, sandy beach.

August 18th, SOCA Social. Drive and dinner. Details TBA.

September 1st, Diamond Lake End of Summer Celebration. Details TBA.

September 8th, Jim Sigel Show & Shine. Details TBA

September 15th, SOCA Social. Drive & dinner. Details TBA

October 6th, 28th Annual Sea Cruise Car Show in Crescent City. Details TBA

October 20th, SOCA Social, Details TBA



Southern Oregon Corvette Association, LLC.

November 17th, SOCA Social, TBA.

November 22nd, Thanksgiving

December 1st, Grants Pass Christmas Parade. Detail TBA

December 8th, SOCA Christmas Party at Taprock restaurant in the Evergreen room in Grants Pass @ 6:00pm. Details TBA.

For additional events, information and links, go to the S.O.C.A. website Events Page
<http://www.sovette.com/default.asp?pg=activities>



Techin & Toolin

Some Common Automotive Terminology – Car & Driver Magazine (Dec 2017)

A-Pillar - The forward most structural element on either side of a car's windshield that supports the roof.

Anti-Roll Bar - A suspension component designed to help a vehicle resist body roll. It works by connecting the right and left sides of the suspension and opposing any unequal vertical movement between the wheels.

Automatic Rev Matching - BMW, Cadillac, Chevrolet, Honda, Mini, Nissan, and Porsche offer a feature that automatically raises engine speed to match transmission speed on downshifts, rendering a heel-and-toe downshift unnecessary.

Ball Joint - A flexible joint consisting of a ball and socket used primarily on front suspensions and your shoulders because it can accommodate a wide range of angular motion.

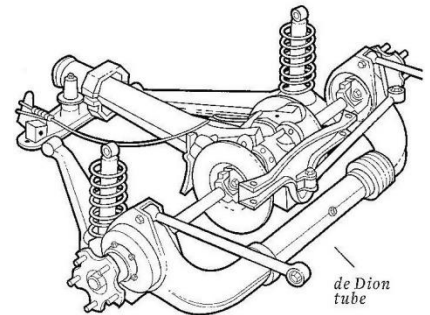
Boost - The increase above atmospheric pressure inside an engine's intake manifold created by a supercharger or a turbocharger.

Brake Torqueing - A technique used on automatic-transmission equipped vehicles to improve initial acceleration by holding the brake pedal with one's left foot while pressing the accelerator with the right, thus increasing engine rpm while keeping the vehicle station- and releasing the brake at the elevated rpm generally improves off-the-line acceleration

Catalytic Converter - An exhaust-mounted component that drives chemical reactions among the exhaust gases to reduce environmentally unfriendly emissions. The catalytic material is typically made from a combination of precious metals such as platinum, rhodium, and palladium

Coast- Down Test - Performed on a flat surface and ideally in wind-free conditions, this test determines the sum of all driveline friction, tire rolling resistance, and aero drag working against a vehicle in motion. The vehicle is timed as it coasts in neutral from a set speed to zero rpm. The findings are used to conduct laboratory fuel-economy tests.

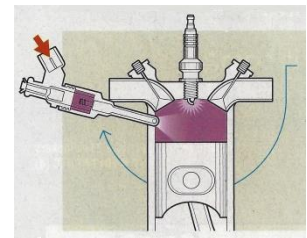
de Dion Suspension - A suspension design that uses a rigid element (de Dion tube) to connect the wheels and keep them parallel. It differs from a live axle by mounting the differential to the body and sending power to the wheels via half-shafts. Largely relegated to history's dustbin and the Smart Fortwo.



Drag Coefficient - A unitless measure of the aerodynamic "slipperiness" of an object, commonly abbreviated as "Cd." A Cd near 0.30 is considered low, thus slippery. The 1989 Lincoln Town Car scored a middling 0.46.

Five-to-60 - A test that attempts to produce real-world acceleration numbers by eliminating an aggressive launch. The test driver allows the vehicle to roll at a steady 5 mph and then floors the accelerator, recording the time it takes to reach 60 mph. The test can expose turbo lag and often favors vehicles with output low in the rev range.

Fuel Injection – A system that controls the amount of fuel delivered to an engine by mechanical or electronic means using pumps and injectors. Direct injection places the injectors inside each combustion chamber; port injection puts an injector in each cylinder's intake port; and the now defunct throttle-body injection is mounted in an intake housing.



g - A unit of measure for acceleration commonly used to describe cornering grip. One **g** is equivalent to the rate at which any object accelerates when dropped at sea level. In a car cornering at 1.00 g, the driver is pushed against the side of the seat by a force equal to that of gravity keeping us stuck to the ground.

Horsepower – The unit of engine power. One horsepower is equivalent to the power needed to lift 550 pounds one foot off the ground in one second, or to lift one pound 550 feet in one second.



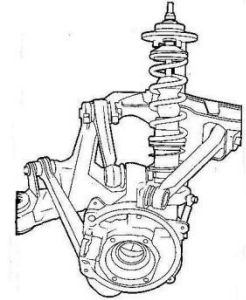
Intercooler - A heat exchanger that reduces the temperature of engine intake air that has been heated due to the compression of a turbocharger or supercharger. Cooling the air before it enters the intake manifold increases its density and allows the engine to make more power.

Jersey Barrier - A big concrete slab with distinct slanted sides. When placed end to end, they form a wall to safely control traffic flow or block you from getting too close to Bon Jovi.

J-Turn - A 180-degree turn made famous by the TV shamus Jim Rockford. Accelerate in reverse, lift while spinning the steering wheel; as the car rotates, grab drive or first; complete spin, straighten the wheel and go man go.

Kamm Tail - Named for German designer/engineer Wunibald Kamm, the Kamm tail, or Kammback, refers to a streamlined car shape that is sharply cut off at the rear. The Kamm tail reduces aerodynamic drag by cleaning up turbulence at the back of the vehicle.

Multi-Link - A suspension type that consists of at least four separate links, or arms, and no struts. The advantage of a multilink suspension is that each link locates the wheel in a particular way, offering more control over wheel movement than any other conventional suspension layout, benefiting both ride and handling.



OB0-II - Mandatory on all new light-duty vehicles sold in the U.S. since 1996. On-Board Diagnostic II, is a standardized coding and problem-sniffing system that monitors a number of emissions- and engine-related components, simplifying diagnosis and repair. It uses a common 16-pin scan tool to read the codes.

Radial - Developed in the late 1940s by Michelin, the radial tire gained mainstream acceptance in the 1970s. A radial tire differs from a bias-ply one in that the numerous belts below its rubber tread run perpendicular to the tread's centerline. To strengthen the tire, a set of stiff belts (usually made of steel or synthetic fibers such as Kevlar) runs in the same direction as the tread. The advantages of the radial over the bias-ply tire include greater compliance, less rolling resistance, longer life, and often better drivability.

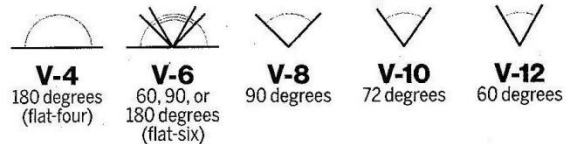
Small-Block - In 1955, Chevy introduced the small-block, a high-compression pushrod V-S. It displaced 265 cubic inches (4.3 liters) and had 162 to 195 gross horsepower, More than 100 million have been made, and 62 years later, the small-block continues to power Camaros, Corvettes, pickups, and SUVs. Today's version features variable-valve timing, direct fuel injection, and cylinder deactivation, and the only resemblance to the original is its signature 4.4-inch bore spacing.

Supercharger - A compressor that feeds more air into an engine than it can take in on its own. The term has come to mean a compressor that is mechanically or electrically driven, but it technically includes exhaust-driven turbochargers as well.

Tumblehome - A nautical design term. In cars, it is used to describe the inward slope of the vehicle's glass area or greenhouse. The Lamborghini Huracan for example has a pronounced tumblehome. The upright Fiat 500L has precious little, which contributes to its minivan-ish look.

Understeer- A condition that precedes slamming front end first into a barrier. It occurs when the slip angle of the front tires exceeds that of the rears. If you're steering and the car keeps heading straight, you're understeering, also known as push.

V Angle – The angle between two banks of cylinders is a critical design factor in balancing an internal-combustion engine. The most common V angles for various engine configurations



Yaw- A rotation about the vertical axis that passes through a vehicles center of gravity.



Disclaimer - Discretion is advised. The preceding information may not apply to specific vehicles or all circumstances. Always refer to the manufacturer's specifications, service manuals, technical data and product information.

