

Dad Is Wrong About Turbo-Charged Engines

BY TOM AND RAY MAGLIOZZI

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Dear Tom and Ray:

My dad and I are looking for new cars. I test-drove a car, and then I test-drove the same car with a turbo engine. It had more power and got better gas mileage. I liked it. My dad said no to the turbo model. He said turbo-charging an engine takes the life out of it. He says it will not last as long as the non-turbo-charged engine. Do you agree with my dad? Who should buy a turbo? — Hayley

TOM: You should buy a turbo, Hayley. And so should most people.

RAY: In the early days of turbo-charging, it was common for turbos to fail at less than 100,000 miles. The failure often was catastrophic, leading to thousands of dollars in engine repairs.

TOM: Ask anyone who owned an '80s-era Saab turbo about this phenomenon. But first, be prepared for them to start weeping.

RAY: Unlike those devices, today's turbos are very reliable, partly because we have a lot more experience in designing them, but also because today's



CAR TALK

Tom and Ray Magliozzi

motor oils do a far superior job of keeping them cooled and lubricated.

TOM: The advantage of a turbo is that it allows you to use a smaller, more fuel-efficient engine while having the turbo on standby for when you do need some extra oomph.

RAY: The truth is, a smaller engine is all you need most of the time. Then, once in a while, when you need to pass a truck, enter a highway or peel away from a boyfriend's house after he says those shoes make your feet look fat, you step on the gas, and the turbo adds

all the extra power you need.

TOM: Your dad does make a fair point — that a turbo can be harder on the engine if it's abused. So if you drive like an animal and stomp on the gas all the time, a turbo is not for you. Traffic court is for you.

RAY: But for all reasonable drivers, a turbo does exactly what you say it does, Hayley: It allows a smaller engine to provide additional power when it's needed, and better mileage the rest of the time. Enjoy your new car.

It's NEVER cheaper in the long run to buy a new car. Want proof? Order Tom and Ray's pamphlet "How to Buy a Great Used Car: Secrets Only Your Mechanic Knows." Send \$4.75 (check or money order) to Used Car, P.O. Box 536475, Orlando, FL 32853-6475.

Get more Click and Clack in their new book, "Ask Click and Clack: Answers from Car Talk." Got a question about cars? Write to Click and Clack in care of this newspaper, or email them by visiting the Car Talk website at www.cartalk.com.

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Guard Unit Reunion



SUBMITTED PHOTO

The 196th unit of the National Guard which was activated in 1950 to serve in the Korean War recently had a reunion. Pictured are (front from left: Bill Harris, Jim Tielke, Don Moderegger; back row: Duane Frick, Don Kelly, Jerry Frick, Don Clark, Dale Cowman, Don List, Lee Goodburn and Henry Petersen).

Yoga Workshop To Be Offered Sept. 11

VERMILLION — A free workshop entitled "Live and Learn Series: Easy Yoga and Meditation Breaks for Busy People" with Sandi King will be held at 7:30 p.m. Wednesday, Sept. 11, at the Edith B. Siegrist Vermillion Public Library, 18 Church Street

King will lead participants in a relaxing evening, showing head to toe ways to relax, breathe, center and calm your active (or over-active) mind and body while seated or standing anywhere.

For more information, contact Patti Roberts-Pizzuto at 605-677-7060 or pizzuto@sdl.net, or visit www.vermillion-publiclibrary.org/.

MENUS

Menus listed below are for the week of Sept. 2, 2013. Menus are subject to change without notice. All meals are served with milk.

Yankton Elementary Schools

Monday — N/A
Tuesday — Chicken O's
Wednesday — Taco Bites
Thursday — Penne/Spaghetti
Friday — Cold Sub

Yankton Middle School

Monday — N/A
Tuesday — Tavern
Wednesday — Nachos
Thursday — Pepperoni Pizza
Friday — Beef Sticks

YHS A Line Menu

Monday — N/A
Tuesday — Burrito
Wednesday — Pizza Dippers
Thursday — Penne/Spaghetti
Friday — Chicken O's

YHS B Line Menu

Monday — N/A
Tuesday — Yogurt Bar
Wednesday — Baked Potato Bar
Thursday — Potato Soup
Friday — Egg/Cheese Sand.

YHS C Line Menu

Monday — N/A
Tuesday — Hot Ham & Cheese
Wednesday — Tavern
Thursday — Chicken Fajita
Friday — Cold Sub

Sacred Heart Schools

Monday — N/A
Tuesday — Chicken Nuggets
Wednesday — Spaghetti
Thursday — Taverns
Friday — Sweet-n-Sour Chicken

The Center/Yankton

Monday — N/A
Tuesday — Lasagna
Wednesday — BBQ Chicken
Thursday — Beef Roast
Friday — Potato Crunch Fish

Tabor Senior Citizens Center

Monday — N/A
Tuesday — Hot Turkey
Wednesday — Meatloaf
Thursday — Chicken/Dressing
Friday — N/A

Take Caution With The Summer Heat

We have all waited out the long, hard winter in hopes of getting out and being active in the summer, only to find that it is too hot to exercise once we get there. In wake of the latest brutal heat wave, it is important to think about how to exercise in the heat and precautions to take.

Exercising in the heat can be a risky activity as your body heats up faster and has a harder time getting rid of heat. Exercising in a combination of heat and humidity worsens this problem. Heat illnesses can be very serious and even result in death, when the body isn't able to regulate your core temperature. Heat stroke, heat exhaustion, heat cramps and heat rash are all different types of heat illnesses with heat stroke and exhaustion being the most serious.

Even though it is hot, that doesn't mean you should forgo activity outside during the summer months. There are many ways to prepare your body for exercising in the heat.

- Get Hydrated: Maintain proper hydration before, during and after a workout. Check out the recommendations for hydration provided by the American College of Sports Medicine (<http://www.acsm.org/docs/brochures/selecting-and-effectively-using-hydration-for-fitness.pdf>).

- Acclimate: If you are training for an event that will take place in the heat, you should train in the heat. It will take up to 14 days for your body to get acclimated

to exercising in the heat.

- Don't exercise during peak heat: If you are not training for an event in the heat, try to exercise during cooler parts of the day, such as the earlier morning or evening.

- Plan your route: Whether you are walking, running, biking, kayaking or hiking, choose a route that has ample shade to avoid direct sunlight. Pay attention to how long it will take you and check out the forecasted heat during that time.

- Wear light, breathable clothing: Choose clothing that is light in color and weight to reflect light and keep you cool. Invest in clothing that has wicking properties that will wick the sweat from your body and aid in evaporation.

- Take it easy: Striving for a personal record or trying a new and challenging activity is best saved for cooler days or indoors during the hot summer months. Go out and get your activity done but be aware of when it is time to slow it down.

- Wear sunscreen: Make sure you protect your skin from the sun's harsh gaze by applying sunscreen, wearing a wide brimmed hat and sunglasses.

- Be aware of the signs and symptoms of heat illness: Muscle cramps, nausea and vomiting, weakness, headache, dizziness and confusion are all cause for alarm. Pay attention to your body and don't ignore the signs and symptoms of heat illness.

Phi Beta Kappa Visiting Scholar Is Distinguished Paleoanthropologist

VERMILLION — The Phi Beta Kappa Society of the University of South Dakota will sponsor the lecture "What Cells Will Do For Global Climate Change" by Timothy Bromage, professor of biomaterials and biomimetics at the New York University College of Dentistry, at 7:30 p.m. on Thursday, Sept. 5, at the Freedom Forum Conference Room in the Al Neuhaith Media Center.

A paleoanthropologist, Bromage, Ph.D., is director of the Hard Tissue Research Unit. His research focuses on human evolution and growth and development, with emphasis on the biology of bones and teeth as windows into life history. Bromage conducts fieldwork principally in Malawi, where he examines both modern and early human dental and skeletal development to draw inferences concerning relationships between human biology and the environment. He has recently discovered a new biological clock while observing incremental growth lines in tooth enamel, hypothesized to regulate many metabolic functions.

Bromage is the coeditor of "African Biogeography: Climate Change and Early Hominid Evolution" and has been honored for his research by the National Science Foundation and the National Geographic Society. In 2010 he was the recipient of the Max Planck Prize in recognition of his achievements in the research on the microanatomical structure of ancestral human teeth and bones.

This Visiting Scholar Lecture is sponsored by the Office of the Dean of the College of Arts and Sciences, Alpha Chapter of South Dakota Phi Beta Kappa, the Department of History, the Department of Anthropology, and the Department of Biology. The lecture is free and open to the public. The Phi Beta Kappa Society Visiting Scholar Program offers undergraduates the opportunity to associate with some of America's most distinguished scholars and contribute to the intellectual life of the campus by exchanging ideas between the Visiting Scholars and the resident faculty and students.

SCHOLARSHIPS

BRIAN MEYER MEMORIAL SCHOLARSHIP

PIERRE — The South Dakota Telecommunications Association (SDTA) is now accepting applications for the Brian Meyer Memorial Scholarship. One scholarship in the amount of \$2,000 will be awarded for the 2014 spring semester.

The scholarship is available to applicants who have completed at least two semesters of course work at an accredited post-secondary school in South Dakota and reside in an SDTA member company service area. The scholarship can be used at any post-secondary educational institution in South Dakota including public and private universities as well as technical schools.

Applicants must complete an application, write a short outline of their career plans following completion of their post-secondary education, and submit a brief essay on the future of small town South Dakota and what can be done to enhance the quality of life in rural areas through the use of technology. Also needed are a copy of the applicant's most recent transcript and at least two letters of recommendation. The deadline to submit an application for the Brian Meyer Memorial Scholarship is Oct. 31.

For more information on the Brian Meyer Memorial Scholarship, contact any post-secondary institution financial aid office, the South

Dakota Telecommunications Association at 605-224-7629 or gregdean@sdtanet.com. The application is also available online at www.sdtanet.com/resources/scholarships/.

SDTA membership is composed of the state's member-owned cooperatives, privately-owned, municipal and tribal telecommunications companies which collectively serve almost 80 percent of the state. Members of the South Dakota Telecommunications Association are: Alliance Communications (Garretson); Beresford Municipal Telephone; Cheyenne River Sioux Tribe Telephone Authority (Eagle Butte); Faith Municipal Telephone; Fort Randall Telephone (Wagner); Golden West Telecommunications Companies (Wall); Interstate Telecommunications (Clear Lake); James Valley Telecommunications (Grotton); Kennebec Telephone Company; Long Lines (Jefferson); Midstate Communications (Kimball); RC Communications and Roberts County Telephone Coop (New Effington); Santel Communications (Woonsocket); Swiftel Communications (Brookings Municipal); TrioTel Communications (Salem); Valley Telecommunications (Herreid); Venture Communications (Highmore); West River Cooperative Telephone (Bison); West River Telecom Cooperative (Hazen, ND); Western Telephone (Faulkton).

SOME PEOPLE CAN'T AFFORD TO SPLURGE ON CERTAIN LUXURIES – FOR EXAMPLE, FOOD.

Donate a non-perishable food item at all State Fair gates 7-10 am, Friday August 30th, and receive a \$2 discount on admission.



Supporting the hunger solutions of AARP Foundation. DriveToEndHunger.org

DRIVE TO END HUNGER PROUD SPONSORS



This discount is available to all fair attendees.

Congratulations



State Farm Insurance Continued Growth Ribbon Cutting

The Yankton Chamber Ambassadors hosted a Continued Growth ceremony for State Farm Insurance - Roy Wilcox located at their new location, 200 W. 4th St. Roy has been a State Farm Agent since 1974 dealing in Auto, Home, Personal Lines, Commercial Fire, Life, Health Mutual funds and Bank Products. Roy, Kris, Hollie, Rhonda, Dylan and Michael are in the office to assist you Mon. - Fri. 8:30 a.m. - 5:00 p.m. and after hours and Saturday by appointment. To reach them you can call them at: (605) 665-7140 or go to: www.roywilcox.com or you can e-mail him at roy.d.wilcox.b6fp@statefarm.com.

YANKTON DAILY PRESS&DAKOTAN

68th Anniversary Celebration



Mr. & Mrs. Jerome Schulte

Mr. and Mrs. Jerome and Alice Schulte of Yankton, SD, will celebrate their 68th wedding anniversary on September 3, 2013. Jerome and Alice were married in New Castle, NE September 3, 1945.

They have three children: Pat Croshore of California, Maureen Harrison of California, and Mary Jean Puls of New Hampshire. The couple has six grandchildren and ten great-grandchildren.

Their family requests a card shower. Greetings may be sent to 2109 W 11th St., Yankton, SD 57078.

60th Anniversary Celebration



Mr. & Mrs. Norman Campbell

Norman and Ethel (Thompson) Campbell will celebrate their 60th wedding anniversary and Ethel's 80th birthday with an Open House on Saturday, September 7, 2013 from 2 to 5 p.m. at Calvary Baptist Church, 2407 Broadway, Yankton, SD. Friends are invited to attend.

The couple has one daughter, Cindy (Joseph) Mason of Yankton, SD.