

Regular Meetings are the 3rd Thursday of each month unless otherwise posted.

BMCCF Meeting January 15th Temptations

Eats Starts @ 6 PM
Meeting Starts @ 7PM



BMCCF

The Cape Fear British Motor Club Welcomes all Marque, Models and Motoring Enthusiasts

For additions or submissions to the letter contact the editor:

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BMCCF@ec.rr.com

Visit the website:
www.BMCCF.org

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THE HUB

January 2015

The Official Monthly Publication of the British Motor Club of the Cape Fear

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The HUB is published and distributed Monthly by the Cape Fear British Motor Club.

Articles reflect the opinion of the author and are the property of the Cape Fear British Motor Club and may be reprinted by similar clubs providing the author and source is credited.

Deadline for submission of articles is by the end of the third week of the month prior to publication.

President's Message:

We had another great Christmas party at Temptations; many thanks to James and his crew.

In a meeting with Eric we identified some adjustments to the car show for next year to make it even better. We still need volunteers for three areas which will be discussed at our next meeting.

We now have a fully staffed Activities Committee and several activities have already been identified. The club can look forward to an interesting calendar in the coming year. With that in mind, have a great New Year and start it off right by attending our January meeting.



Steve

BMCCF - MINUTES

Temptations, a.k.a. the BMCCF Club House

We have no minutes to report - we had our Christmas Party instead.



BMCCF CALENDAR OF EVENTS

Nothing scheduled as of now – please await next issue.



We welcome BMCCF members to host fun events. BMCCF loves new fresh ideas doing enjoying events.

PLEASE feel free to contribute

The Club has received thank you letters from the charities who we donated to as a result of our “Brits at the Beach” car show. We can send them to you upon request. The editor deleted the electronic copies in error – sorry for his goof up...

EMMETT WALKER SUGG JR.



Andrews Mortuary & Crematory - Market Street Chapel
1617 MARKET ST, WILMINGTON, NC 28401

EMMETT WALKER SUGG, JR. Emmett Walker Sugg, Jr., beloved husband, father, brother, uncle, and cousin, left this life on December 29, 2014 following a seven year battle with brain cancer. He was born in Raleigh, NC to Walker and Mary Ann Sugg and was raised in Kinston, NC. He graduated from Grainger High School and attended Chowan College in Murfreesboro, NC. Emmett proudly served our country four years in the US Air Force, serving in the Vietnam region. After his service, he received certification as an HVAC technician from Wake Technical College and eventually he and his wife, Dena, started their own business, operating Emmett's Heating and Air in Wilmington for 25 years. Emmett had an active life, filling his spare time with family and many interests through the years. Favorite pastimes included waterskiing at his beloved Kennel's Beach in Pamlico County, boating, sailing, rebuilding and restoring a vintage 1960 TR3, scuba diving and ballroom dancing with Dena, being a member of the crew of The Spirit of NC (a WWII Douglas A-26 Invader), and piloting small aircraft; earning his commercial pilot's license. He loved people and easily made friends with everyone he met. Emmett was a strong Christian and an active member of Freedom Baptist Church in Wilmington. Emmett was preceded in death by his parents. He is survived by his devoted wife of 36 years, Dena Wood Sugg, their son Eric and wife Kelly of Rougemont, his sister Ann Leary and husband Bob of Cary, mother-in-law Barbara Wood of Winston-Salem, stepmother-in-law Phoebe Wood of Pfafftown, sister-in-law and brother-in-law Deborra Wood and Russell Propst of York, SC, two nieces, and loving cousins, aunts, and uncles. Emmett's family extends heartfelt thanks to caregivers of Home Instead Senior Care, Lower Cape Fear Hospice, special friend Tom Paranto, and many kind neighbors, all who provided much help, comfort, and love to him in recent months. Special gratitude is extended to Dr. Louis Diehl and Ms. Mary Malicki of Duke Oncology for many years of dedicated service. A memorial service will be held at 1:00 p.m. Friday, January 2, 2015, at Freedom Baptist Church, 802 N. College Road, Wilmington, NC, with the Rev. Dodd Mays officiating. In lieu of flowers, memorial gifts may be made to The Preston Robert Tisch Brain Tumor Center at Duke, DUMC

Box 3624, Durham, NC 27710 or the Michael J. Fox Foundation for Parkinson's Research, Grand Central Station, P.O. Box 4777, New York, NY 10163-4777. Condolences to family at www.andrewsmortuary.com
Andrews Market Chapel Service

Emmett had a tough struggle and we all admire him for his strength and perseverance. May his journey be smooth and be free of pain and torment. Emmett is a man who we all can learn something from – life is way too short...



MUST-HAVE NONSENSE: BOOST COMPRESSION, INCREASE ENGINE LIFE, AND SHRUNKEN HEADS!

Compliments of Hemmings Daily - Richard Lantinello

Order on a 10-DAY FREE TRIAL BASIS

SAVE up to 1/2 ON CHROME MOTOR "DRESS UP" EQUIPMENT



Bonnet Air Cleaners, most cars (Reg. \$4.00)	\$ 2.98 ea.
10" Bonnet Air Cleaners, all cars (Reg. \$8.50)	6.45 ea.
Deluxe Velocity Stacks (Reg. \$1.90)	1.25 ea.
HI-POWER "94" Ford & Merc. Carbs. (Reg. \$19.00)	14.95 ea.
Chrome Fuel Pumps, all Ford & Merc. to '53; all Chev. 6	6.50 ea.
Chrome Fuel Filter, Lifetime Bronze Element	2.55 ea.
Chrome Gas Lines, Ford & Merc. Dual	\$3.45 Triple
Chrome Carb. Linkage, all cars. Dual	\$3.29 Triple
Chrome Head-Nut Covers (Reg. 15c ea.)	.10 ea.
Chrome Oil-Filter Caps (Reg. \$1.65)	.95 ea.
Chrome Oversize Oil-Filter Caps	2.80 ea.
Chrome Spark-Plug Covers, all cars (Reg. \$1.50 ea.)	.58 ea.
Ignition Wireleads, all F & M, Chev. 6, Olds & Cad. Stude V8 (Reg. \$7.50)	4.95 pr.
Starter, Generator & Volt. Reg. Covers, most cars (Reg. \$1.50)	1.49 ea.
Radiator Hose Kits, Ford & Merc. (Reg. \$8.00)	4.95 set

6 ELECTRODES INSTEAD OF ONE



SPARK-O-MATIC PLUGS Boost Power, Pep, Mileage!

Don't let your old-style plugs rob you of another gal of gas. Put these powerful new LIFE-FIRING SPARK-O-MATIC'S to work improving your engine's performance. Users report up to 50 EXTRA miles Per Tank, 10-28 MORE Horsepower, Faster Starts, Higher Compression! World's only plug with SIX Electrodes (instead of 1). Fires in rotation — 600% More Spark Action, Self-Cleaning, Automatic Heat Control, Nickel-Cadmium Shell, UNBREAKABLE Aircraft Insulator, LIFETIME SERVICE GUARANTEE. Actually cost LESS because they outlast ordinary plugs up to 10 to 1. FREE Gold "Resistor-Capacitor" included. For All Cars, Trucks, Tractors. (Reg. List \$1.50) NOW \$1.25 in matched sets. Ppd.

DYNO-METER GAS SAVING & PERFORMANCE INDICATOR



STOP Gas Waste & "Sucker" Repairs

The gauge Detroit Forget . . . Amazing new "DYNO-METER" Car Test instrument (not a vacuum gauge) mounts on dash to give INSTANT CHECK on condition of engine, brakes, wheel alignment, TROUBLESHOTS, saves repairs. SAVES GAS—shows most economical driving speed, best gas to use. Measures acceleration, horsepower, road grades, hill-climbing ability, brake safety, motor tune. Indicates when repairs are needed. Compares performance before & after tuning for overhaul. Easily mounts on dash or windshield in 5 min. Careful CHROME dial beautifies car's interior. Lasts lifetime, transfers from one car to next. Full refund if it doesn't pay for itself in one month. Easy instructions included.

ONLY \$3.98 Ppd.

From fuel atomizers and home electroplating kits to becoming a jet engine mechanic, truly the most interesting pages in old magazines were the display ads. As car guys,



LIFE-BRONZE PERMANENT FILTER

Protects Engine Mechanically & Chemically

INCREASE ENGINE LIFE, CUT OIL CONSUMPTION

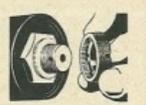
Saves you money! Lets you drive up to 10,000 miles before changing oil. Amaze your friends with this "forever" filter that removes all harmful particles, yet leaves protective additives. Large thick walls filter out dirt particles as small as 25 millionths of an inch. Has Magnesium ACID NEUTRALIZER that chemically destroys harmful acid. Keeps out moisture. Purifies oil. Saves repairs. Never needs replacement—washes out in kerosene. Transfers from one car to next. Guaranteed 10 years. FINEST filter of its type on the market. SAVE \$9—Conversion element for most cars (was \$6.95) NOW \$3.95 "Full-Flow" Type \$7.95 (Element with Housing, \$15.95)



Mini-Supercharger

Convert WASTED Fuel Into New SUPER POWER . . .

MOST carburators waste gas thru over-rich mixtures. Here's how new MINI-SUPERCHARGER stops this waste. Operating on a proven Supercharge principle, the automatic booster valve (AV) delivers a more efficient air-fuel ratio. Then the blow-type injector (BI) atomizes & expands the mixture, sending it into your engine with up to twice the natural explosive power! FASTER PICK-UP . . . up to 15 MORE HORSEPOWER from every gallon of gas! Easily installs in 30-hour. Users report up to 7 EXTRA Miles Per Gal. MONEY-BACK if it doesn't do the same for you. Specially Made All 4 & 6 Cyl. Cars \$9.95; 8 Cyl. Cars \$11.95; 8 Cyl. cars with 4-throat carbs \$15.95; POSTPAID.



6,000 EXTRA MILES From Each Tire!

Odds are 100 to 1 against accurate wheel bearing adjustment in your car. As a result your car "squeals" (drags sideways) as much as one mile in 100 causing tires, brakes, steering & bearings to wear out quicker than they should. New 5-point MICROMETRIC Nuts correct all this by providing TEN TIMES MORE ACCURATE WHEEL BEARING ADJUSTMENT than ordinary nuts. This means FASTER SO STRAIGHT . . . gives up to 6,000 EXTRA miles per tire! — Saves brakes, bearings, steering! Stops shimmy, wandering. Gives safer, more accurate steering. Prevents most brake squeaks. 1/2 million in use. New low price saves you \$1.00. Set for any car (specify). Only \$1.98 Ppd.



MILEAGE-KING FUEL FILTER

with CATALYSER & DIFFUSION ELEMENT

MORE Clean Power on LESS Gas!

New uniform-pressure FUEL-FILTER has a new-type diffusion filter and catalytic element that "re-refines & cracks" raw fuel before it reaches the carburetor. As a result, vaporizes a little better, flames more complete combustion. This saves you gasoline, gives faster better, quicker starts, more power with less carbon & "ping". Self-cleaning "Lifetime" FILTERED BRONZE element "sweeps out" oil, gummy, tars, dirt, rust & water from gas. Protects carburetor from fouling & costly breakdowns. Special cone reduces "surgic" stalling, vapor lock, flooding. "Smooth-out" fuel pump pulsations by delivering even flow of clean fuel to carburetor. Easy 5 min. installation. FITS ALL CARS. (Formerly \$9.95) NOW \$2.95 Ppd.

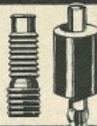


SPIT-FIRE IGNITION FILTER

"Peps Up" Ignition!

Restyle Your Old Car Into YOUR DREAM CAR

Why own a car that's dated? Now you can own the smartest, most beautiful car on town. New improved KUSTOM-CAR "GLASS-INC" KIT makes body customizing amazingly simple. Save money . . . Dichrome, "French" headlights, bullet nose, chrome deck, change fender lines, make scoops & fins. Repair dents & rust-outs. IT'S FAST & EASIER . . . no lead or welding. No experience or special equipment needed. Easy instructions included. Guaranteed to bond permanently to metal. 816 KIT covers 500 sq. in. area — enough to make repairs that would cost up to \$150 in a body shop. (\$9.00 value) ONLY \$3.95 Ppd. (Starter Kit \$1.59)



FREE GIFT! No-Risk Trial in Your Car . . .

New SPIT-FIRE "SPARK BOOSTER" is designed to give a "hotter, stronger" spark by filtering & boosting the high voltage current passing thru the distributor. This allows a wider spark gap . . . thus reducing fouling, "misfiring", ring & cylinder wear and allowing all-around better performance. Filters out harmful spark "oil"! Protects plugs & points. Anyone can install in ANY CAR in 1 minute. Many users report faster pickup, quicker starts, less gas waste, smoother idling—as a result of better fuel combustion. Send \$1.98—if not fully satisfied after 10 day trial, return for immediate refund. Economy Book worth \$2. Included FREE.



CUT ENGINE WEAR, STOP NEEDLESS OIL CHANGES!

Did you know that, as a by-product of combustion, your engine produces 5 gallons of harmful sulphuric acid each year? This acid is the biggest cause of engine wear! MAGNA-PAC has a magnesium catalyst to destroy this acid . . . PLUS a permanent G.E. Alnico magnet to capture dangerous abrasive particles. Saves repairs—Adds thousands of trouble-free miles to engine life. Eliminates need for frequent oil changes. X-Cord grounds out possible galvanic action. Prevents harmful sludge, corrosion, etching & sludge as oil circulates under pressure around and through engine. Installation inside oil filter housing. Lasts Lifetime. For ALL makes of cars \$5. Value Only \$1.49 Ppd.



"SEE YOURSELF SAVING GAS & REPAIRS!"

DRIVE BY INSTRUMENT! See your own mechanic! Dash mounted ECONOMY-DRIVING GAUGE takes the guesswork out of maintenance—tells at a glance how to save gasoline by driving efficiently. Constantly checks on 35 different engine adjustments—prevents costly repair bills by warning you of trouble before it happens! Now—without leaving your hood—you can easily view incorrect adjustments . . . faulty valves, ignition, spark plugs, carburetor, worn piston rings, choked muffler, ETC. Eliminates "Sucker Repairs" . . . On reading alone can save you up to \$250. By showing whether or not repair work is needed, installs in 20 minutes. Easy instructions included. CHROME MODEL. Only \$4.95 Ppd.

FREE Complete Equipment CATALOG —NEW LOW PRICES—NEW ITEMS

ALMQUIST FREE WITH EACH PURCHASE

- "SPEED AGE" 100 p. Book with Tuning Tips
- "MILE-O-MATIC" Gas Mileage Calculator
- FREE POSTAGE on all items marked Ppd.

MONEY BACK GUARANTEE If not satisfied, return within 10 days and full purchase price will be refunded.

ALMQUIST ENGINEERING CO., DEPT. CLO 3 MILFORD, PA.
"WORLD'S LARGEST DISTRIBUTOR OF QUALITY POWER EQUIPMENT"

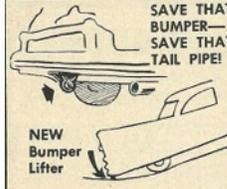
we especially enjoyed reading those ads that professed to make your car more fuel efficient, with claimed "100 miles per gallon" ability. Too funny.

Back in the 1940s, '50s and '60s, the back of automotive and science magazines were filled with ads touting the "next best thing." All you had to do was to fill out the attached coupon and along with 25-cents you would soon be sent a catalog about all this remarkable stuff that you really must have. With catch phrases like "limited time offer", "you must act now", "never to be offered again!" and everyone's favorite, "hey, quit kicking sand in our faces!", how could you not inquire? Besides all the body-building ads for the "Hey skinny! Your ribs are showing!" kids, with the come on, "Let me prove I can make you a new man," it was the ads for car products that were usually the most interesting. Some were almost believable, yet most were nothing but lies.

Imagine, for just \$9.95, a "Mini-Supercharger" that stated it would "Convert WASTED Fuel Into New SUPER POWER..." This was nothing more than marketing deception at its finest, as was the "Magna-Pac 3-Way Oil Purifier" that would "cut engine wear, stop needless oil changes." Then there was the "6 Electrodes Instead of One, Spark-O-Matic plugs that would Boost Power, Pep, Mileage!" Perhaps the biggest fake was the "64-point Micrometric nuts" that were used to adjust wheel bearings. For "Only \$1.98 Ppd.", the manufacturer claimed "6,000 EXTRA MILES From Each Tire!" Is there anyone out there who bought a Fish Carburetor, which promised to deliver "Zip plus Mileage?"

New Products
FROM
Newhouse
AUTOMOTIVE INDUSTRIES

MART



SAVE THAT BUMPER—SAVE THAT TAIL PIPE!

NEW Bumper Lifter

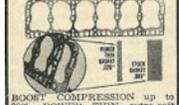
Eliminates that sickening s-c-r-a-p-e when bumper and tail pipe dig into steep drives, dips, or inclines. Saves costly damage. Mounts easily in 10 minutes—clamps securely—no holes to drill. Rugged angle-iron housing holds solid hard rubber wheel. Lifts rear end noiselessly—yet remains inconspicuous under car. \$12.95, Item 10.

HERE'S AN OIL FILTER THAT NEVER NEEDS REPLACING

Improved-Lifetime Filter
for those who demand the best!

TOP quality... TOP oil filtering efficiency. Our finest porous bronze oil filter... meets rigid "quality control" standards. Etc filtering area removes all harmful dirt and grit. Strong money-back guarantee. Fit's car's filter case. With Acid Neutralizer-"By-pass" element \$9.95; Giant "Full-flow" element \$10.95; Complete "By-pass" filter with case \$12.95, Item 11. Ppd.

Order 2- SAVE 5%
3 or more SAVE 10%



BOOSTER COMPRESSION up to 20%—POWER-TWIN extra-soft Copper Gaskets. Boosts engine HP for better mileage and acceleration. Same as milling head .001". Guaranteed not to blow out. 4 and 6-cyl. cars \$4.95; 152D-53 Ford V-8 and Mercury \$6.95 pair. All others \$7.95 per cyl. Item 12. Ppd.



T-K-30 TESTER reads all voltages! Sensitive ohm-meter "pin-points" bad switches, faulty contacts, "shorts"— Saves hours! For household or automotive use. Checks battery, relay, lights, ignition, etc. 0-750 volt range, AC or DC. 0-150 milliamperes DC. Resistance 0-10,000 ohms. \$12.95, Item 13. Ppd.

Have you got your SHRUNKEN HEAD?



Hang one from front or rear car window (scares traffic cops away). Gives your den or rumpus room that "lived in" look! It's a truly "unusual" gift. Incredibly "real" looking imitation of Jivaro Shrunk Head—made of skin texture rubber with long, black, silky hair. \$2.98. Item 16. Ppd.

Low-priced Shrunk Head
For bargain-hunting Head-Hunters. This economy priced Shrunk Head measures about 4 inches high including hair. \$1.00. Item 17. Ppd.

DEALERS!
Are you getting your share of the growing Hi-Performance Equipment business? Demand for special auto parts is growing—here's the easy way for you to cash in on this market. Write on your letterhead for new wholesale catalog with complete details.

MAIL COUPON NOW

FREE! FREE!

1957 HI-PERFORMANCE BOOK—contains thousands of special auto parts for do-it-yourselfers, enthusiasts, mechanics, hobbyists and performance improvers for all car owners. SENT FREE with each order (otherwise send 5c for postage and handling). **NEEDS! BONDS! Valuable**



5805 E. Beverly Blvd., Dept. 668, Los Angeles 22, Calif. Phone RAYmond 3-3671
Gentlemen: Rush items circled: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

My car is _____ Year _____ Model _____ No. Cyl. _____

Name _____ Full Price Enclosed _____

Address _____

City _____ Zone _____ State _____ 20% Deposit. Send C.O.D.

British race car designer Brian Lister dies at 88

Compliments of Hemmings Daily – Jim Donnelly



Brian Lister (L), with his Lister Motor Car team in November of 2014.
Photo courtesy Lister Cars.

Brian Lister, whose cars carried the Union Jack in international sports car racing once Jaguar ended its competition program in the middle 1950s, died on Tuesday, December 16. He was 88.

Lister is forever linked with the Jaguar-powered sports cars he built, which continued the tradition of Coventry power in sports car racing after Jaguar adjusted its focus to road cars following an exceptional string of successes at Le Mans. The offspring of a family of engineers, Lister became involved in racing through a car club, whose members included the Scottish driver Archie Scott-Brown. The two men became allies, first racing a Tojero before Lister's father agreed to finance a racing car bearing the family name. The first Lister, powered by an MG engine, won its maiden outing in 1954 in Scott-Brown's hands.

Subsequent Lister cars used Jaguar, Bristol, Maserati and Corvette engines, and built an enviable competition record. In 1957, works Lister-Jaguars entered 14 races and won 12, usually setting the fastest lap in the process. Yet his presence in the sport would prove to be short. Scott-

Brown was killed at Spa in 1958. The following year, so were Lister's close acquaintances Ivor Bueb and Jean Behra, after which Lister essentially walked away from the sport. His final automotive effort (at least until the 2013 formation of the [Lister Motor Company](#)) came when he prepared a team of works Sunbeams for Le Mans in 1964. Lister took the family firm into the manufacture of packaging equipment, and also remained an active jazz drummer until late in his life. The video below, filmed in early December, features Quentin Wilson conducting what would be the final interview with Brian Lister.

WORLD'S LARGEST COLLECTION OF HISTORIC BRITISH CARS RECEIVES RECOGNITION FROM ENGLAND'S ARTS COUNCIL

By David Strohl

Land-speed record cars, Monte Carlo rally veterans, cutaway show cars, experimental safety cars, and even factory stock coupes and saloons from all throughout British motoring history pack the floor of the Heritage Motor Centre, leaving just enough room to walk around the cars. Museum officials will soon make an important addition to the that collection, though one that won't take up much room and doesn't require much dusting: a Designated status from the Arts Council England. The Designation status, which the Arts Council uses to identify and recognize "exceptional cultural collections housed in non-national institutions," doesn't come with any direct reward or restrictions on the Designated collections, but is meant to provide a level of protection against the neglect or disposal of such collections and to indirectly help the collections raise funds, according to the Arts Council's website. Of the four collections to receive the Arts Council's Designated status this month, the Heritage Motor Centre is the only one with a focus on classic automobiles. Of the 140 collections to receive the status since the Arts Council established it in 1997, only two – the [Coventry Transport Museum](#) and the [Beaulieu National Motor Museum](#) – focus on cars, while a third – the [Bovington Camp Tank Museum](#) – focuses on military vehicles.

The British Motor Industry Heritage Trust established the Heritage Motor Centre in 1993, bringing under one roof separate collections that had been housed all over the country and that had grown out of the collections set aside by the individual companies that came together as part of British Leyland in 1968. Since then, the collection has expanded to include about 300 vehicles along with the archives, company records, and assorted memorabilia from each of the British Leyland companies.



Among the vehicles in the collection are MG's EX 135, EX 179, EX 181, and EX 255 land-speed record cars; the Morris Marina, Austin 1800, and Mini Clubman SRV safety vehicle concepts; the Leyland Crompton electric vehicle concept, at least three Monte Carlo rally Morris Minis; a cutaway Austin Mini, the twin-engine Mini Moke "Twini;" a gas-turbine Rover; and even an 1899 Wolseley tri-car.

For more information on the Arts Council's Designation status, visit [ArtsCouncil.org.uk](https://www.artscouncil.org.uk). For more information on the Heritage Motor Centre, visit [Heritage-Motor-Centre.co.uk](https://www.heritage-motor-centre.co.uk).

LAST OF THE BREED: 1980 MGB BROCHURE

By Mark J. McCourt

All brochure images from the collection of Mark J. McCourt. When the 1980 model year arrived, [MG's evergreen MGB](#) had been on the market for the better part of 18 years. This model went from being fresh and up-to-date to being a contemporary classic in the span of its own lifetime, and along with the Triumph Spitfire, would represent the last of the traditional 1960s British roadsters available in our market. MG was keen to illustrate the MGB's illustrious sports car heritage, and they created some wonderful and evocative artwork for the 1980 brochure.



The image reproduced above, and described in the brochure as “A gathering of classic MGs on a heath in England,” was used in a [print ad titled, “The Classic Breed.”](#) This was also made available to dealers in poster-sized form. Eagle-eyed spotters: Can you tell us which vintage “square rigger” models can be seen in this gauzy, evocative photo? MG's 1980 8.5 x 11-inch brochure features seven pages (the last being a fold-out), and four of the pages have perforations so that you can neatly remove and frame the art-quality full-color images. The first shows a Snapdragon Yellow B in front of the MG works in Abingdon, along with [Cecil Kimber's Old Number One](#), the circa-1925 hillclimb special that MG's founder considered to be the first true MG. The final inside page includes a reproduction of an evocative charcoal-and-watercolor painting of the [18/80 Tigress at Brooklands](#)—the original artwork then in the collection of the MG Car Company, [we wonder where that is today?](#)—by the [incredible automotive artist F. Gordon Crosby](#), who painted numerous pieces of MG-themed art in the 1930s.

While this literature shows that the MGB could still be nicely outfitted with options and accessories like electric overdrive, a luggage rack, wire wheels and a radio, the car was so down on power (reportedly fewer than 70 hp, thanks to lower compression, a single Zenith carburetor and restrictive emissions controls) that its actual horsepower and torque figures weren't listed. It's unfortunate that parent company British Leyland would choose to close the factory on October 22, 1980, rather than allow the MGB to be reinvigorated with the 2.0-liter, SOHC O-series engine that [former MG chief engineer Don Hayter told us they'd developed](#) and tested in the car. If the MGB had been allowed to enter production with that engine, the 1980 brochure certainly wouldn't have illustrated the last of that breed.



TECH 101: FUEL-LINE HOSE – WHAT YOU SHOULD AND SHOULD NOT USE

By Jim O'Clair

Neoprene fuel line.

Most vehicle repair shops are encountering a lot of fuel-line-related issues since the introduction of ethanol into America's pump gas. Because of ethanol's effects on rubber, plastic and metals, they are finding themselves spending a lot more time fixing fuel delivery systems than they did in the days of leaded gas and carburetors.

Shops that perform these fuel system repairs are faced with the fact that there are now many possible types of fuel line that are necessary to make a proper, safe and durable repair. The few rolls of neoprene fuel line or steel tubing that used to hang on the wall are now only part of the varied products needed to perform these repairs. New sizes, new materials, new attachment fittings and new manufacturer's O.E. recommendations have caused many shops to expand their inventories of fuel line products to meet market demands. So, we offer this guide to the backyard mechanic as a reference for selecting the right products to purchase and keep in your own garage for the specific repairs you may find necessary. While plain neoprene fuel line will still work for many applications, these other products are designed to meet specific needs.

Standard neoprene fuel hose can be used for fuel, PCV and EEC systems on all vehicles where working pressures are under 50 psi or vacuum ratings are under 24-in. Hg for 7/16-inch and smaller inside-diameter sizes (10-in. Hg for 1/2-inch diameter hose). Fuel line is a petroleum-resistant nitrile tube with a covering that resists weathering, ozone and heat and can be used for ethanol-laced fuels and diesel fuel. It should,



however, not be used on coolant systems, oil systems or fuel-injection systems that produce pressures higher than 50 psi. SAE ratings displayed on the hose should be 30R6 or 30R7.

Neoprene fuel line is available in 1/8-inch through 5/8-inch sizes on bulk rolls, with additional 3-foot sections of large 1-1/2-inch through 2-1/4-inch sizes available for gas filler neck applications. Neoprene with an outer steel braiding is also offered for custom applications; however, it is difficult to clamp with a standard worm gear clamp. Special AN-type fittings are often necessary with steel-braided fuel line.

When a bent filler neck hose is necessary, wire-inserted fuel hose is also offered. It bears the SAE 30R5 rating and can withstand temperatures of -40 to 212 degrees. Working pressure is not relevant, but wire-inserted hose can withstand 50-85 psi, depending on diameter.

High-pressure fuel hose for clamp-type fuel-injection systems is also available. This fuel hose is SAE 30R9-rated and uses a fluoro elastomer inner liner that will withstand up to 180 psi and 300 degrees. It is approved for all fuel blends including straight methanol, and the outer coating is also ozone- and abrasion-resistant. High-pressure fuel-injection hose can also be used in low-pressure applications, but the difference in pricing may convince you to save it for where it is needed.

Nylon fuel line.

Many late-model production cars are now using hard, black nylon tubing with special connectors to attach fuel-feed lines to the gas tank sending unit/fuel pump modules. This gas-resistant nylon tubing can be purchased by the foot or in short sections with the proper ends already attached to one end. Nylon tubing uses barbed fittings that are inserted into the tubing, and the connection is then heated to shrink the tubing around the fitting.

Marine fuel hose is a different product than standard fuel hose and has to be Coast Guard approved. Marine hose must have the SAE J1527 Style R1 rating emblazoned on the hose to pass as seaworthy. Marine hose is rated for 40 psi and will work in a pinch for carbureted passenger cars and light trucks.



Tygon fuel hose.

Small engines on your lawnmower, ATV or motorcycle use a gas-resistant vinyl tubing called Tygon. It is usually clear or transparent yellow in color and is preferred over the clear vinyl tubing you can purchase for your beer keg tap or for use as a wiring loom. Tygon is available in short sections or on a large roll and can be quite expensive, but it will outlast the standard vinyl by many years and does not turn brown and brittle after extended use, as vinyl tubing often does. Standard rubber vacuum or heater hose should never be used in fuel applications. The hose will deteriorate from the inside out and can plug fuel filters and carburetors with rubber debris, long before it springs an external leak.



BMCCF - STUFFS FOR SALE OR WANTED

From Phil Peeler – m midget. I am reducing price b \$1000 dollars. to \$5900. Please past the word thanks.

From Ron Foster – Show us you shop Contest iCal – <http://classicmotorsports.net/events/show-us-your-shop/>



Do you have the coolest shop out there? Then show us.

The rules for the Show Us Your Shop contest are simple: send us three photos of your shop plus a 300-word description. We'll share these photos online with our readers, too. On December 31, 2014, our editors will pick their favorites in our three classes: small, large and commercial. The winning shop owners in each class will receive thousands of dollars' worth of prizes thanks to partners like [Battery Tender](#), [Chubb Collector](#)

[Car Insurance](#), [CRC Industries](#) and [Eastwood](#). The winning workspaces will also be featured in an upcoming issue of Classic Motorsports.

To enter, simply mail the three photos plus your 300-word description in a single e-mail to shop@classicmotorsports.net. Please remember to include your phone number and mailing address in the email to make the shipping of prizes quicker.

For official rules, simply [click here](#).

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You can order directly from them or we will have a link on our page very soon! Please allow a week for your order to be completed.

Our contact is Thelma Studer.

BMCCF NAME TAGS

Official BMCCF name tags are required at all events or when you are representing the club.

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That's All Folks Sparky



Thank You
For your contributions to this newsletter