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Exhaust Notes

March and April 2015



President's Letter



This brutal, historic winter is finally showing signs of losing its grip on New England .I'd like to think that within 3 to 4 weeks we might be able to get our Healey's out for a spring "shake down cruse". Optimistic? Yes, but I need to be optimistic right now. The upcoming spring, summer, and fall driving season will make this winter a distant bad memory. We have a line- up of great events planned with something for every member. The "Crown Jewel" is the Enclave 2015 meet in Gettysburg, PA in July. Pete Sturtevant and other hard working members from both the AHC-NE and AHSTC club are working behind the scenes every week to insure this to be one of the best North American Healey meets ever. If you are planning to attend and haven't registered yet you only have to April 1st to get your registration in before the registration fee increases.

Our club has reached a milestone this year. What is known today as the Austin Healey Club of New England began in 1975. On a gloomy, rainy May 5, Bill and Lynn Wood opened their Somers, CT home to a gathering of 45 hardy Austin Healey enthusiasts who had traveled from all corners of New England. Using a mailing list from a national Austin Healey club, he contacted everyone listed in New England to meet and discuss the formation of a New England-based Austin Healey club. Before the day was over, a schedule of events was planned for the rest of the year with Bill serving as president of the newly formed club. In a short time, the club began to grow and word spread that exciting events were being held for Austin Healey enthusiasts in the Northeast. It was not long after the club was approached by the Austin Healey Club of America to become a region under their nationwide organization. The decision to join the AHCA was unanimous.

A special day has been set aside on May 9th to honor Bill Wood and the other charter members, and to celebrate the 40th Anniversary of the club. A special luncheon will be held at the Old Mill Restaurant in S. Egremont, MA to present Bill a signed copy of a limited edition print of one of the most famous Austin Healey cars of all times that Bill at one time owned. This car, AHS 3504, was the 100S originally owned and raced by movie star Jackie Cooper in the 1950's which was just featured in the March issue of the Healey Marque. Please see the write up on this event in the newsletter and all members, both "old" and "new" timers in the club are invited to attend this special day.

We have several other events scheduled for early spring this year. The first will be a Spring Tune Up Session at Peter and Cindy Sturtevant house in MA on April 25th. News members are encouraged to attend along with "seasoned" members so they can meet other club members and get some tips and guidance on the maintenance of their Healey. The next weekend there will be a Tech Session in NH on the mysterious "kogbox" (a British term I assume) that lies between the two front seats in each Healey. This session will be presented by Terry Haines, an authority on Healey transmissions and OD units. You might want to bring your Anglo-American dictionary along in case you need to look up unfamiliar words that Terry might use, such as "kogbox".

See you on the road, soon I hope.

Bob

Tech Session in Candia, NH

I will be hosting a tech session on May 2nd, (May 3rd Rain Date) At Historic Motor Sports in Candia N.H. 03034. The guest speaker will be Terry Haines ,A " Guru" on all transmissions British. In the following E-mail is a note from Terry ,listing his background . The topic of discussion will be Austin Healey Transmissions and Overdrive Units. Fee free to use this info to promote this years event in the Exhaust Notes

Also, Would you ask the members who are attending to let me know. I need an approx. head count for chairs and coffee. I hope our members will use the date as an excuse to exercise the old Healey, I hope to get photos for future inclusion in the Healey Marque. Members can get directions by going to www.historicmotorsports.net. I will keep you posted as we get closer to the event. Thank you David LeBlanc leblancs2k@comcast.net



Rich Ray editor of Exhaust Notes

Many thanks to David Townsend the artist who created the beautiful 100S picture on page 1. If you look closely you can see the engine, transmission and interior of the car. It is the 100S that Jackie Cooper raced at Sebring. We saw a full size poster of this rendering at the planning meeting last Saturday and it was stunning.

You might enjoy the story behind building of a "Nasty Boy" by Rick Neville. Just click on this link for the fantastic story. http://tinyurl.com/yj52fwo

Pete Sturtevant has an important up date for those attending Enclave.

Don't miss the Member Profile on Ed Collins, Jr. He included some great pictures of his car and family.

If you have questions or issues on your gas gauge get your questions answered and issues resolved by Reading the article by Ted Stanton our new Tech editor of Exhaust Notes.

Rich Ray editor

774-284-1212

Events in **BOLD** are AHC of New England events

<u>DATE</u>	EVENT/TIME	LOCATION	CONTACT				
Sat April 11	Planning and Enclave Meeting	ТВА	Bob Britton healeybj7@hotmail.com 603-381-3158				
Sat Apr 25 Rain Date Sun Apr 26	Spring Tune-Up and new Members Meet 9-4PM	Sturtevant's 10 Cedar Ridge Lane Mansfield, MA	Peter Sturtevant healeybn4@comcast.net 774-284-1212				
Sat May 2nd Rain Date Sun May 3rd	Tech Session Healey Transmissions 10-12 Noon	Historic Motor Sports 174 Raymond Rd Candia, NH	Dave LeBlanc leblancs2k@comcast.net 603-895-6606				
Sat May 9	40th Anniversary AHC of New England Celebration	Old Mill Restaurant 53 Main Street S. Egremont, MA	Rick Neville healeyrick@yahoo.com				
Fri, Sat, Sun May 15, 16,17	Carlisle Import & Kit Show	Carlisle Fairgrounds Carlisle, PA	Steve Bell scbell1@comcast.net				
Sat May 30	Rally for a Cure	Jaguar Hartford	Jud Perkins				
Sun Jun 7	British by the Sea Car Show	Hartford, CT Harkness State Park Waterford, CT	judperk@comcast.net Ted Stanton healey@snet.com				
Thur- Sun Jun 11-14	British Motor Festival	Colt State Park Bristol, CT	_				
Sun Jun 28	British Car Day	Lars Andersen Museum 15 Newton St Brookline, MA					
July 19-24	ENCLAVE 2015 Healeys on Hallowed Ground	Wyndham or Marriott Court- yard 100 Presidential Circle	Peter Sturtevant healeybn4@comcast.net				

Gettysburg, PA 17325

Sat Aug 8	Western MA Meet	Bender's & Plue's	Bob Bender rbender1@nycap.rr.co m			
Sat Aug 22	Sergio Franchi Concert	Stonnington, CT	Ted Stanton			
			healey@snet.net			
Sat Aug 29	Healey's on the Green	Mystic Seaport Museum	Ted Stanton			
		Mystic, CT	healey@snet.net			
			George Grieder			
			ggreider@gmail.com			
Sat Aug 29	Clam & Lobster Bake	Carl and Amy Carvell	Amy Carvell			
		10 Spray Rock Rd	abcarvell@gmail.com			
		Westerly, RI				
Sat Sept 12	John Deere Gymkhana	Roy & Betty Balthazard	Roy Blathazard			
Rain Date		Belchertown, MA	roybaby34@yahoo.com			
Sun Sept 13			413-687-8178			
Fri Sept 11	Vintage Festival	Watkins Glenn, NY				
Fri, Sat, Sun	British Invasion	Stowe Event Field	Bob Britton			
Sept 18-20	Austin Healey Featured Marque	Stowe, VT	healeybj7@hotmail.com			
			603-381-3158			
Sat Oct 17	Fall Foliage Tour	Essex, CT	Jud Perkins			
			judperk@comcast.net			



Saturday, April 25th (9 AM to 4 PM) 10 Cedar Ridge Lane, Mansfield, MA 02048

Come early, or come late, for a chance to get your Healey ready this spring for the driving season. This will be a working tech session at the Sturtevant Healey workshop, with two lifts, and all the tools ready to service your Sprite, or Big Healey. You supply the parts and fluids, and we will have onsite Healey mechanics and experts, to help you prepare your car for reliable driving this year, and the trip to Enclave 2015 in Gettysburg, PA.

We will a continental breakfast in the morning, and a cookout in the afternoon, to assure both you, and your Healey will leave in great shape!

We are conveniently located off of Rt. 495 exit 10. Take <u>Route 123</u> east towards Easton, and take your first left on <u>Newland St.</u>, and travel 1.4 miles taking your 5th left, onto <u>Cedar Ridge Lane</u> (the first road in Mansfield) and we are the second house on the left.

The rain date will be Sunday, April 26th. Please RSVP by April 20th to healeybn4@comcast.net or 774-284-1212 to Pete Sturtevant

NEW ENGLAND REGION 40TH ANNIVERSARY LUNCHEON

On May 5, 1975 a group of Healey lovers met at the home of Bill and Lynn Wood in Somers, CT to form what was to later become the Northeast Region of the AHCA. Join us on May 9th at the Old Mill Restaurant in South Egremont, MA to reminisce about those early days of our club and honor the charter members who organized the club.

One of the highlights of the event will be a presentation to Bill Wood of a cutaway illustration of AHS 3504, the Jackie Cooper 100S, to commemorate Bill's role in the founding of the club and contributions to the Healey community. Bill was responsible for the first restoration of the Cooper car after reuniting the original engine with the car. The history of AHS 3504 was featured in the April issue of the *Healey Marque* prior to its auction at Amelia Island. Also scheduled to attend the lunch is Ralph Scarfogliero, who sold the Cooper car to Bill in 1976 for \$1,500!

The print of AHS 3504 to be presented at the luncheon is Number Two in a limited edition by noted sports car artist David Townsend of Rutland, VT. Print Number One was donated to and is hanging at *The Healey Museum* in the Netherlands. David is currently working on illustrations of all the Austin-Healey models and will be on hand at the luncheon, also. His work can be viewed at www.sportscarart.com.

The Old Mill is located at 53 Main Street, Route 23, in South Egremont in the Berkshires, just down the road from the Wood's home. http://oldmillberkshires.com/ Owner Terry Moore, who has a Healey Hundred himself, will open the restaurant at noon exclusively for the club and has promised to treat us well with a full meal including salad, entrée choices of beef, fish, chicken and pasta and desert. Cost will be approximately \$45 per person including tax and gratuity. Lodging is available in the nearby picturesque town of Great Barrington.

In order to put this on, we need to guarantee at least 35 persons in attendance. Please make your reservation as soon as possible with Rick Neville at healey-rick@yahoo.com or 978-810-0963.

If you have any old photos of early club events, be sure to bring them along and if you are in touch with our early members who have left the flock, please pass this along to them.

Oh, and it's a SURPRISE! Don't tell Bill!

A Newsletter for Enclave Attendees

GETTYSBURG, PA - JULY 19TH -24TH



have you join us for Enclave on Hallowed Ground". Come fellow members from New Engready registered for Enclave

We would love to 2015 – "Healeys join Twenty seven land, who have al-2015.

We have close to 175 registrations thus far, with a nice blend of members from both Healey clubs; 2/3rds from AHCA, and 1/3rd from AHS&TC. This is planned to be the largest International Healey meet in North America, since Conclave 2007 in Burlington, VT and we are anticipating over 300 Healeys. We will be taking advantage of the historical significance of Gettysburg, and showcasing the Austin Healey marque during five fun and action packed days. **Enclave 2015** features the combined expertise of our two Healey clubs, with multiple generations of enthusiasts across North America. Gerry Coker and Mike Dale are confirmed as special guests of honor.

As you can imagine it will take many volunteers for a successful Enclave 2015 with 600 people attending. We have over 40 activities during the course of the week, and I am looking for AHCA NE On-site support for the following:

Committee	Day and Time	Sponsor	AHCA NE
Welcoming Committee	Sunday Afternoon (1:00 to 5:00)		Bill Beyer
On-site Registration	Sunday Afternoon (1:00 to 5:00)		Eric Longbottom
Welcome Reception - Gettysburg Visitors Center	Sunday Night (6:00 to 10:00)	Victoria British	Jud Perkins

Welcome Reception - Gettysburg Visitors Center	Sunday Night (6:00 to 10:00)	Victoria British	Jud Perkins		
Rally thru Battlefield Park	Monday morning (10:00 to 12:30)	Frederique Constant	Jud Perkins		
Adams County Winery tour	Monday afternoon (12:30 to 3:30)	Steve's British Connection	Jud Perkins		
FILM & GUIDED BATTLEFIELD TOUR	Tuesday morning (9:00 to 12:00)	Fourintune	Bill Berg		
Valve Cover Races	Tuesday afternoon (4:00 to 5:30)	Cargo Trailer Sales	Jim Begin		
BBQ Dinner with Susquehanna Travellers Civil War band	Tuesday evening (6:30 to 8:00)	British Wiring	Mike Garvey		
Fisher House Charity and Chinese Auctions	Tuesday evening (8:00 to 10:00)	Frederique Constant	Steve Bell		
Arts & Crafts	Sunday setup (1:00 to 5:00)		Co-Lead TBD		
Popular Car Show	Wednesday morning (10:00 to 2:00)	British Motor Corporation	Deb Katz and Bev Sealand		
Kiddiekhana	Wednesday morning (11:00 to 12:00)		Co-Lead TBD		
Allstars Event Go Karts & Golf - Ice Cream social	Wednesday afternoon (2:30 to 5:30)	Healey Surgeons	Jud Perkins		
Gymkhana	Thursday morning (9:00 to 12:00)	TBD	Vars Smith		
Funkhana	Thursday early afternoon (12:00 to 2:00)	TBD	Co-Lead TBD		
Ladies events	Thursday afternoon (2:00 to 4:00)	TBD	Dutcha Slieker- Hersant		
Awards Banquet	Thursday evening (6:30 to 9:30)	Ragtops & Roadsters	Lynn Grant		

Hospitality Every afternoon

Every day

Every day

Car Wash

Photograph

AutoFarm/ Ahead4Healeys

Len Bach
Don Margeson
Rafe Loosigian

The Committee's in Green we have AHCA NE Co-Leads, and the four in Yellow, we still <u>need Co-leads</u>. If you want to enhance your Enclave experience, and are willing to help out, please let me know at <u>healeybn4@comcast.net</u> or 774-284-1212.

Registration is filling up fast for **Enclave 2015**, and we are estimating sellouts of the Opening Night Reception and on Tuesday, the Fields of Freedom film/ Battlefield coach tour. All ticketed events require pre-registration. **Please register by April 1st to take advantage of our discounted <u>early</u> registration fee of only \$110. <u>After April 1st the fee</u> will be \$130.**

Thanks, Pete Sturtevant, Enclave 2015 Co-chair







the \$129 (excluding taxes) per night room rate. Deadline for

assured room availability is June 7th, 2015.

Healeys on Hallowed Ground

ENCLAVE 2015

www.enclave2015.com

July 19 - 24, 2015 Gettysburg, PA

		Spouse/Guest					
Street	Apt.#						
City	State Zip						
Phone – Primary()() Alternate()() Is this your 1 st Event? (Y/N)						
Attending Children's Names & Ages							
Region/Club Affiliation	E-Mail Address	_					
Little British Car(s) (LBCs) You Are Bringing to the Event: 1. Model Yr VIN(optional)	Trailer Space Needed? Yes No 2. Model Yr VIN(optional)						
Arrival date Sat Sun Mon Tue Wed Thu	- Redistration rees						
7/18 7/19 7/20 7/21 7/22 7/23 ✓ check one	\$110 if postmarked on or before April 1, 2015						
✓ Will you need flea market space? Yes No ✓ Will you need Regalia Room space? Yes No	\$130 if postmarked after April 1, 2015						
✓ Participation in rally? # cars? Yes No	Extra LBC cars:@ \$30 per car \$						
✓ Participation in Gymkhana? # cars? Yes No	Extra adults (over 21) @ \$30 per person \$						
✓ Participation in Funkhana? # cars? Yes No	Sunday Opening Night Reception at Gettysburg						
✓ Valve cover races? # cars ? Yes No	Museum & Visitor Center@ \$10 per person \$						
✓ Popular car show? # cars ? Yes No							
✓ Arts/crafts/photo submission? Yes No	Monday End of Rally Wine Tasting and Tour						
	@\$15 per person						
Registration Instructions	Tuesday Fields of Freedom Film &						
Complete the registration form	Guided Gettysburg Battlefield						
Make check payable to: "ENCLAVE 2015"	Bus Tour @ \$29 per person \$						
Enclose both in an envelope and mail to:							
Enclave 2015 Registration	Children: less than 4 yrs old: free						
Trish Woglom	: 4-11 yrs @ \$18 per person \$						
212 Lower Valley Road							
North Wales, PA. 19454	Wednesday Ice Cream Social, Go-Kart & Miniature						
610-310-2037	Golf Competition @ \$15 per person \$						
pwoglom@comcast.net	Thursday Ladies Event @ \$20 per person \$						
Registration Fee Includes:	Thursday Awards Banquet \$46 per person						
- One show car, 2 adults, and children (under 21)	Enter number of entrées:						
(Additional cars/adults on a single registration are extra)	Fish Pork Chicken \$						
- Free access to our Hospitality Room	1 1311 TOTA OHICACII 4						
- Free admission to the Charity Auction Reception	Thursday Night Pizza Party & Movie (for kids)						
- Free outside flea market space	Children (3-12) @\$12						
- Free admission to all tech sessions and driving events							
- Free ENCLAVE 2015 door magnet with your registration	"Chinese Auction" Tickets @ 7 for \$5 \$						
number on it.	One and the state of the state						
Hotel Registration	Concours Judging/Awards @ \$60 per car \$						
Contact the Wyndham Gettysburg 717-339-0020 or the Mari	riott Regalia Total, from page 2 \$						

Total Remittance (\$US)

SUNDAY EVENING: The Generals Lee & Grant Opening Night Welcome Reception

The Opening Night Welcome Reception will be held at the new <u>Gettysburg National Park Museum and Visitors Center</u> which features the Gettysburg Museum of the American Civil War and the "Battle of Gettysburg" Cyclorama. Attendees will have exclusive access to this unique venue to kick off our week of "Healeys on Hallowed Ground".

The museum showcases an extensive collection of artifacts and archival materials and provides visitors with a perspective of the Civil War through the words of its participants, including Presidents Lincoln and Davis, Generals Meade and Lee, soldiers, correspondents and civilians. Through a variety of exhibits, interactive displays, films, and a host of research resources, you'll be provided a Civil War experience unlike any other. Hors d'oeuvres will be served and a cash bar will be available.

MONDAY: The James Longstreet Battlefield Rally and Winfield Hancock Winery Tour

Join us on Monday morning for a fun and scenic ride through the beautiful, rolling Central Pennsylvania countryside including the historic battlefield. You'll be challenged to answer questions that will be both educational and entertaining for seasoned veterans and novice conscripts alike. Be on the constant lookout for clues while navigating down Jeb Stuart's cavalry route or Joshua Chamberlain's 20th Maine Regiment's lane to the Little Round Top. After fighting through the rally route, join your comrades in arms tasting wines and cheeses at a beautiful local winery while trading stories about missed turns, that frisky ground hog that we all swerved to miss (or hit), and the advantages or disadvantages of Pertronix, Abarth, silicone brake fluid, and NOS windscreen wiper blades. For those of you who are not rallying, come join the rally participants at the Adams County Winery for a tasting and tour.

TUESDAY: The Fields of Freedom Film and Jeb Stuart Guided Battlefield Bus Tour

The film provides a 30-minute introduction to the Battle of Gettysburg's climactic action told from the perspective of the soldiers who fought the battle. <u>Fields of Freedom</u> provides the perfect preamble to a guided bus tour of the battlefield. The two hour tour will be led by licensed National Military Park Guides who will provide detailed insights into the varying challenges faced by both armies' leaders and their courageous troops. You'll have ample time afterward to further explore specific sites of personal interest in your Healey over the Hallowed Ground.

TUESDAY EVENING: Picket's Charge VCR, John Buford BBQ & George Meade Charity Auction

Fierce fighting recommences at the hotel with the afternoon Valve Cover Races. Friend and Foe will then reunite at the BBQ where the likes of Old Pete and Curly would be envious of the chow and fix'ns. After the hearty meal, celebrate with the victors of the Rally and VCR events at the awards presentation. We'll then start the popular live Charity Auction featuring famed auctioneer Alex Tricarb. Enjoy post dinner repast, refreshments and laughs while bidding to win some incredible Healey memorabilia, car parts and other treasures while contributing to a very worthy cause.

WEDNESDAY: The George Custer Car Show & Jubal Early Go-Kart & Miniature Golf Competition Social

The cars will be go on display today, bright and shiny in all their glory. Who will be awarded their hard earned Medals of Honor? With cars coming from near and far, feast your eyes on a field of dreams. After the show, you can show your true colors in a hot rod go-kart competition or miniature golf tournament. Gournet ice cream will be served.

THURSDAY: The John Gibbon Gymkhana, Elon Farnsworth Funkhana & Mrs. Grant's Ladies Event

A day of heated competition, laughs and entertainment. Give your Healey a chance to prove its mettle as a true war horse amongst the ramparts of orange cones, requiring precise maneuvers in the Gibbon Gymkhana. Join in the fun at the Farnsworth Funkhana where you can show the troops how it's done in your regiment. After the fierce fighting is over and prior to our ending ceremonies in the evening, the ladies are invited to participate in the more genteel activity of exploring period fashion from top to bottom. Come and have fun while we discover the layers necessary to dress like a lady in 1860. Assorted scones w/ fruit spread, coffee cake, assorted fresh fruit & berries, coffee and tea will be served.

THURSDAY NIGHT: The Blue & Gray Awards Banquet

The Awards Banquet will provide an end-of-week opportunity to recognize those who excelled (or were just plain lucky!). In addition, we'll celebrate our week together and be entertained by a presentation from our Special Guest.. The dinner menu includes a selection of chicken, fish, or pork. (Cash Bar).

FRIDAY: Check out

Concours Information: Contact Randy Hicks (c) 508-981-5113; (h) 508-252-9295 <u>Healey100M@gmail.com</u> Regalia (pre-ordered only): deadline for ordering: June 7, 2015; enter quantities in boxes below

Size:	s	М	L	XL	shirts*	*2XL*	White	Blue	Navy	Gray	Charcoal	Price	Total
Polo/golf Shirt-Men					other s							\$32	\$
Polo/golf Shirt-Ladies												\$32	\$
Camp Shirt-Men					for 2XI							\$38	\$
Camp Shirt-Ladies					extra f							\$38	\$
Fleece-Men					\$3 ex							\$45	\$
Fleece-Ladies					*							\$45	\$
T-shirt-Men					t-shirts							\$10	\$
T-shirt-Ladies					2XL							\$10	\$
T-shirt-Men 3XL			3XL		ę							\$14	\$
Сар					extra							\$15	\$
Total					\$2								\$

Austin Healey Club Member Profile: Edward Collins

My interest in Austin Healers began in the mid 1950's. My best friend in grammar school had an older brother who traded in his MG TD for a new 100 SIX BN4 in 1956. The car was Healey Blue with a white cove and it was love at first sight for me.

Later, a neighbor down the street from me who had owned a series of Jaguars in the 1950"s and 1960"s broke temporarily with tradition and bought a new 3000 BJ7. That was the first Healey that I actually got to ride in. After a year or so however he traded that car in for a new E Type Jag. Like most teenaged boys in the 60's I liked almost all of the various British Sports Cars who's presence on our streets and in our neighborhoods were fairly commonplace. MGA's ,MGB's, Tr3'S & TR4'S, Sunbeam Alpines, the occasional Singer or Morgan all could be seen especially in the neighborhoods surrounding any of the three small colleges in our city. But the Big Healey would always and forever remain my favorite. My first car love, if you will. And who among us ever forgets his or her first love?

I enlisted in the US Navy immediately after graduating from high school. My ship was with the US 6th Fleet in the Mediterranean during 1965 and 1966. In those days servicemen stationed overseas could buy a foreign car without paying either the import duty or the sales tax in either country by having it registered in the country of origin and shipping it over with UK registration plates on it . For two years I attempted to save money hoping to take advantage of that military auto purchase program. There were just too many competing temptations available to a young man in all those Mediterranean ports of call that a young sailor like me could spend my merger enlisted man's pay on while ashore however for me to manage to scrape together enough to realize my dream of Healey ownership . I returned home and went to work at a local power plant. After driving a 7 year old Chevy Impala for a year, I did have enough to buy my first brand new car off the show room floor. It was not the BJ8 I had been lusting after in the deanship window of Parkway Imports however. Instead it was the Big Healey's little brother a 1967 Sprite. As soon as I had about half of the money needed to afford a 3000, the Healey itch became to intense to avoid scratching.

I had always liked Sprites as well. The kid down the street who I bought my paper route from in 1961 while in high school had purchased a new Sprite as soon as he got his first job after he graduated from high school.

As much as I liked the Sprite and had fun driving it, the thought of "someday" owning a Big Healey was still there. Life and US crash safety regulations were soon to complicate matters further though. As we know 1967 brought the end to Big Healey production due in large part to increasing safety requirements for new automobiles sold in America. In 1968 I met my wife Paula and we were married in 1969. In 1971 our son Dan was born. It became an economic necessity to become a one car family for a while and for obvious reasons that one car could not be the Sprite. The Spite was sold and I would be without a sports car for the next eight years.



I bought a 1960 TR3 in 1979 which I owned for 20 years. I Bought another TR3 when the frame on that first one got too rusty to repair. Next came the 1957 MG ZB Magnette in 2003 which we bought to have a British car with a back seat so we could bring our then 3 year old granddaughter with us to some car events. By this time I had pretty much resigned myself to not ever achieving my boyhood dream of owning a Big Healey.

The MG Magnette is indirectly responsible for me eventual y becoming a Healey owner. Magnettes are pretty rare birds on this side of the pond. I was having trouble figuring out a few problems I was having with mine and I went to see a mechanic in Somers, CT who also owned a Magnette for advice. He knew from our past conversations that I always wanted I Big Healey and he happened to have a customer that owned one that he wanted to sell. It was a unrestored but solid car with no apparent rust. The paint was tired, the interior had been redone by a terribly amateurish hack at some point and it had no top. But the engine ran well and the price was right, \$16,500. I jumped at it.

Since owing the 1957 100 Six BN4 it has undergone a 14 month complete mechanical and body off restoration at Donovan Motor Car Service in Lenox, MA. The gear box has also been rebuilt by Quantum Mechanics in Connecticut.

It is a Longbridge built car making it one of the very few 6 cylinder Healeys built at the legendary works where all of the Austin Healey 100's wee built.

We love the car and drive it as much as possible (I still have the TR3 and the Magnette which need regular exercise and Paula now has a 1972 Triumph Spitfire).

It has one numerous awards including a first place in it's class at the Sunday in the Park Concourse DE Elegance at Lime Rock Park several years ago.



My fuel gauge pegs itself whenever the key is on regardless of how much gas is in the tank. I've replaced the sender in the tank with a Moss replacement without success. I contacted Nisonger Instruments for information and they emailed me the following test instructions. If the temperature ever gets above freezing in the garage, I'll run the test but in the meantime, I thought others might have the same problem. I'd be curious how you make out so email me at healey@snet.net.

NISONGERINSTRUMENTS

Trouble Shooting an FG Series Fuel Tank Sender

Important Information: If your Fuel sender is not an original Smiths Sender (Smiths senders have the Smiths logo embossed in the mounting flange and a part number stamped into the removable top cover), it is a Moss Motors reproduction (the only replacement currently available regardless of who the sender was purchased from). Unfortunately all Moss Fuel Senders manufactured prior to mid 2010 were defective! Most Moss Fuel senders produced after mid 2010 are useable. The defective Moss senders can easily be identified by removing the top cover; the rheostat/potentiometer wires/winding of the defective senders are bare copper; the wires/winding on the useable senders (manufactured since mid 2010) have a red coating that bonds the rheostat/potentiometer wires/winding.

The useable Moss senders should be resistance tested (with the sender removed from the tank and properly grounded) between the mounting flange on the body of the sender and the T terminal on the sender to be certain that it reads 1-3 ohms @ empty and 75-80 ohms @ full using a Multimeter set to the RX1 scale.

Trouble Shooting an Original Smiths FG Series Sender:

- Perform a resistance test (with the fuel sender removed from the tank and properly grounded) by using a Multimeter set to the R X 1 scale and:
 - Attach the positive Multimeter lead to the T terminal of the Sender
 - Attach the black Multimeter lead to the mounting flange of the Sender.
 then with the sender float arm in the:
 - Fully dropped position, be certain that the Multimeter reads 1 3 ohms
 - Fully raised position, be certain that the Multimeter reads 75 80 ohms.
- If fuel is contaminated with water (a common problem with today's ethanol based gasoline) calcium deposits will form on the wiper arm(s) and on the rheostat/potentiometer wires/winding which can cause intermittent operation and/or will cause a short in the rheostat or the Fuel Gauge. Keeping your fuel tank topped off and adding a product like StarTron Gasoline and Fuel Treatment will help eliminate water and the resulting formation of calcium deposits.
- In removing the top cover of the sender you will find there is/are either 1 or 2 wires
 (1 at either end of the rheostat/potentiometer chamber) that wrap around the center
 piece/pivot assy. of the float arm (float pivot hinge).
 - If there is only 1 wire, it will come up through a slot behind the T terminal..
 - If there are 2 wires, the 2nd wire will come up the opposite end of the chamber and will be attached to the sender body with a brass rivet.
- The wires described above ground the float arm. If either:
 - The pivot hinge is excessively worn/loose.
 - The wire(s) become calcified or break away from either the Float Pivot Assy. or the rheostat/potentiometer chamber housing.

the sender will function intermittently or not at all.

Trouble shooting an FG Series Fuel Sender, Pg. 2

- To be certain that the sender (when installed in the Fuel Tank) is properly grounded, we recommend attaching a ground wire to one of the sender mounting screws and attach the other end of the wire to a verified ground.
- Inoperable Smiths Fuel senders can be sent to Nisonger for a "Bench Test" and rebuild (if necessary) by following the instructions provided below.
- Next, verify that the wire from the gauge to the sender is good and has not been damaged (Please note that there are 2 mounting posts at the back of the gauge, the case under 1 post is stamped T (for Tank), under the 2nd is stamped B (for Battery), to verify the wire from the gauge to the sender (with the fuel sender removed from the tank and properly grounded) remove the wire from the T Terminal on the back of the fuel gauge and check to be certain that it reads 1 3 ohms when the sender is at the empty position and 75 80 ohms when the sender is in the full position by following the procedure outlined above but attaching the:
 - Red lead of the Multimeter to the wire from the T Terminal of the sender.
 - Black lead of the Multimeter to a verified ground position.

Again, be certain that your Multimeter is set to the R X 1 scale

- If the wire from T terminal does not check out to the specs listed above, and the Tank Sender has checked out ok (having performed the sender check(s) detailed above), replace the wire from the T terminal of the sender to the gauge and recheck the ohm readings with your Multimeter; if the readings at the T terminal are now correct, check to be certain (with the ignition switch in the on position) that there is 12 volts of power at the B terminal at the back of the gauge; lastly, check to be certain that there is a valid ground wire attached to the mounting stud holding the gauge into the dash. If all of the above check out as OK; the gauge needs to be rebuilt. Please pack it up carefully, include a note with the following information:
- Your name & return shipping address.
- A daytime phone number where you can be reached during business hours.
- Visa or MasterCard number and expiration date.
- The billing address for the card if it differs from the specified shipping address.
- The cardholders name as it appears on the card.
- The 3 digit security code found on the back of the card.

and send it to:

Nisonger Instruments 225 Hoyt Avenue Mamaroneck, NY 10543

If you are re-installing a Smiths FG series fuel gauge rebuilt by us and it is not functioning properly, assume that there is a problem with the sender or wiring to the gauge or the gauge is not properly grounded and you should follow all of the Trouble Shooting Steps detailed above. <u>Under no circumstances should you loosen either of the 2 hex nuts on the back of the Fuel Gauge; if you do so, you will probably break the windings inside the gauge and the 1 year warranty on the rebuilt Fuel Gauge will be voided.</u>

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(One) 60 spoke 15 inch wire wheel very good condition chrome with 165R15 M/S Dean Celestial Metric tire also in good condition.

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