

The Flash

Atlanta Austin-Healey Club
September 2019 Volume XXXVIII, Issue 9



BLD at Norcross! Thanks to John Miner for these photos (black&white? Hey, never question an artist ...)
George&Sheila Govignon & grandson Jackson; Sam&Cyndi Marble

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NEWSLETTER OF THE ATLANTA AUSTIN-HEALEY CLUB

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The Flash is a publication of the AAHC, a chapter of the Austin-Healey Club of America. All material presented in the publication may be used in other clubs' publications provided *The Flash* and the author are given credit. To join the club, contact our membership chair, Sam Marble (see below).

Contributions to *The Flash* are greatly appreciated, preferably e-mailed in any standard format and labeled with the name of the article and author. You can also mail a paper copy. Pictures and photos can be any common graphic format (jpeg, tiff, pic, png, gif, pdf); please provide captions, especially people's names.

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BIRTHDAYS



OCTOBER

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Dean Meyer
Charlie Moshell
Julie Stephens

Don't see your name here & it should be? Send a note to the editor: atlhealeflash@gmail.com



2019 Events

(See AAHC [Website](#) for details
and for previous events)

September 2019

- 6-11 [AHCA Conclave 2019](#) – Deadwood, SD
- 7 [British Car Fayre](#) – Norcross, GA (p 4)
- 21 Third Time's the Charm Rally – Dahlongega, GA

October

- 12 [Winding Roads Apple Run & BLD](#) – Lawrenceville to North GA (p 4)
- 26 [29th British Car Festival](#) – Fairhope, AL
- 26 [Woolly Worm Tour](#) – Elkin, NC (Triad Club, p 13)

November

- 2 2nd Annual – Cool Cars & Cops Car Show – Powder Springs, GA (p 18)
- 9 Wine-ing Roads Tour & Tasting – (details coming)
- 9 Wing Captain Drive – Early Turkey Sandwich Run (details coming)



Just For Fun . . .

Every Tuesday Morning 7:30-8am for breakfast -ROMEO (retired old men eating out) - Marietta Diner on Cobb Parkway (Route 41) Marietta, GA about 120 guys show up each week driving some very beautiful cars in the back parking lot—some British cars but need more! <https://sites.google.com/site/romeoclubofmariettaga/>

Every Saturday Morning - Donuts & Derelicts at Dandy Donuts in Chamblee 8:30-11:00am Atlanta's longest running free car show: www.panteraplace.com

First Sunday of the Month, Caffeine & Octane, 8-11am at Perimeter Mall, NE corner of lot. Some cars arrive at 7 to get primo spots. In nice weather, 2500 cars, 10,000 folks at 8:00am! www.caffeineandoctane.com

Every 3rd Sunday—breakfast—Gwinnett Horsepower Breakfast: www.southeastwheelevens.com

NE Georgia Swap Meet, Atlanta Dragway, Commerce, GA Vendor set-up 7am, public 8:00-1:30, 1st Saturday of each month except 2nd Sat. for May, Aug. \$20 vendors, \$6 spectators, kids free, More info: <http://negeorgiaswapmeet.com/>

**Monthly BLD meetings are usually held on the first Saturday of each month
(except December and January)
led by a club member, at Breakfast, Lunch, or Dinner (thus BLD!)**



October 12th BLD - **Winding Roads Tour and Apple Run**

Mark your calendar for the Atlanta AHCA annual Winding Roads Tour & Apple Run scheduled for Saturday October 12th.

We will gather at

Old Peachtree Rd *Bojangles*

1065 Old Peachtree Rd NW, Lawrenceville, GA 30043

located next to the Quick Trip (Exit #109 off I85 N) @ **8:30 am** for coffee and biscuits before **departing at 9:00 am sharp**. Participants will need to have their tanks topped off with fuel before we depart.

We also need to RSVP for a lunch count.

charliemoshell@aol.com

or 770 549 9583.

This will be a day drive enjoying some new roads in the North Western corner of South Carolina while also enjoying some more familiar North GA back roads. We will visit the Chattooga Belle Farm for a stop at the old country store to pick up some of their famous grown fruits, jams and jellies and other items. While there we will be checking out the facilities for possible inclusion as a rallye venue for our future SE Classic. We will also stop at a Distillery that offers tasting of various fruit brandies and several types and flavors of bourbon while en route from Chattooga Belle Farm to our lunch stop in Clayton GA.

After lunch we will enjoy more winding roads as we head south for the afternoon drive with a stop on the way home at the Jaemar Farms in Alto to pick some delicious fall apples while enjoying fried apple pies. Sheron says not to forget to pack bungee cords if you need to put a pumpkin or two on your luggage rack.



Doug Duffee Atlanta Austin-Healey Club Fearless Leader

September Flash

In the spirit of Halloween, this is "Ghost"-written for El Presidente Doug by Ric Anderson

News & notes

With "Día de Muertos" starting at the end of the month, I thought I should start with "greetings for the season". Hope you like my new look.

September was a great month. Norcross was another great event. And Conclave 2019 was, by many reports, one of the best ever. And the AAHC cars didn't let us down.

We've enjoyed a brief break in the temperatures but the heat has returned, making driving in our favorite LBCs an "it depends" deal. But it's been dry so nobody's tops are leaking.

I received word of an impromptu event: several folks visited Caffeine and Chrome at Gateways on the last Saturday of September, then enjoyed a drive in the country followed by lunch in Ball Ground. This is the kind of thing we've been suggesting to the Wing Captains (or anybody else). Glad to see folks getting those cars out to be seen and enjoyed.

Looking forward, we have the long anticipated October BLD, with Charlie and Sheron leading the club on their "Long & Winding Roads" tour. I understand there will be a border crossing involved, but no passport is required. But knowing Sheron, you may need your "Visa". Don't forget to send your R.S.V.P. today.

Also in October, the Triad folks are hosting their Woolly Worm Tour. See their webpage or Facebook for details.

November has another BLD drive, this time Abe and Susan Cheij are taking us on a Wine-ing Roads tour. I've been told to expect hills and wineries. I'm sure there is food in there somewhere.

December starts and ends with opportunities to blow the cobwebs out of your exhaust. On the 7th is the annual Kassow Kruise drive, hosted by Bill Nagel and his award winning Sprite. And on the 28th is the 20th annual Polar Bear run, hosted by the Georgia Triumph Association.

That's about all I can think of to say.

Till next month, as el primero taco would say:

Cherrio!



Bugeye Safety Additions

Here's the latest upgrade I've made to Ruby.

Airbags!

Wasn't too difficult once I figured it out. They are a little retro in that they don't automatically inflate- the passenger has to do that themselves

-Ric Anderson



Rick's Recap

This month's BLD was the huge British Car Fayre at Norcross. New this year was the electric Jag and a rare turquoise Allard with a Caddy engine. (p 7)

Two reports from our roving Veep Ric Anderson: Conclave, and Caffeine&Chrome. Both excellent reads with great photos (p 9, 14)

Barry's Tech Corner shows how he is aging into a real Southern style storyteller. This time it moves from dogs and neighbors to differentials and spider-gears (p 15)

Grandson Zach is thrilled with his new car experiences- he now sits facing forward!

Membership name tags- The first one from AHCA is **free to members**. Send email request to: Mike Schneider, AHCA Membership Director, at membership@healeyclub.org along with your name, member number, year joining AHCA, and address where the name tag is to be sent.

The Flash is about you. We all like Healey stories. Send in something about what you are working on or where you met your Healey (or vice-versa). Send



your history text and pics to Judy Bagheri, and all other stories to me.

Google Groups- Instructions: To send to the entire club, send your email to:

AAHC-members@googlegroups.com

-Rick Hertzberg, Editor



Healey on TV Again

A nice feature of British detective shows is many are set 50 years ago and so occasionally a Healey pops up. This time it's from the show, Endeavor (about detective Endeavor Morse, who *never* uses his first name). This shot is a "quickie" stop on the side of the road. The action looked impossible until I remembered the steering wheel is on the right side. Still, gotta be cramped. Oh to be young and flexible again! -Rick Hertzberg



BLD at the Norcross British Car Fayre

This year's British Car Fayre was jam packed. Triumph was the featured marque and there seemed to be a hundred of them. The temps were pleasant when I arrived around 9am- I drove up Buford Hwy instead of I-85 and really enjoyed the many shaded parts. The temp was rising into the 90s by 1pm so after a simple British lunch (they are pronounced pass-teas in case you wondered), I headed home. We had 20 Healeys (at one count, maybe more).
-Rick Hertzberg



Yes the Healeys really were different colors (except the Getzler and Hertzberg cars). Kellan Getzler looking cool as usual. Below: Healeys strategically parked to help the Rolls look pretty.



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BLD at the Norcross British Car Fayre cont.



Featured marque was Triumph- probably 50+. We voted the Allard as the least attractive rear end. Yes- the all electric Jag. Base=\$70. Next the not exactly original 51 Morris Minor. Last, a nice silver race modified Spitfire, and the essential London bus.

Many thanks to John Miner and Rick Hertzberg for the photos!

Conclave 2019 at Deadwood, SD

-Ric Anderson-

Ruby and I, along with several other members of your Atlanta Austin-Healey Club, were able to make the trip to Deadwood for this year's Conclave. So glad we did.

The Minnesota club provided several self-guided tours in the Conclave 2019 booklet, and Friday morning I joined Gary Wetzel and a group for the longest, the Devil's Tower Loop Tour, billed as a 195 mile day trip. A beautiful drive through two states, we enjoyed visits to Belle Fourche's Center of the Nation Museum (the geographic center of the United States!), a drive along the Spearfish Canyon Scenic Byway (just breathtaking scenery), passed through Spearfish and Aladdin and Huletta (where we enjoyed a great lunch) and Sundance. And Devil's Tower, the first US National Monument, is an amazing sight. By happenstance, we were able to watch a nine-year old girl complete her ascent of the monadnock. Impressive indeed. While we did get a little wet on the drive, and one car experienced a little carburetor trouble (always carry sunscreen to reassemble a Healey?), we all agreed it was a great start to the event.

Friday evening was the opening night Welcome Reception with appetizers and a talk on the culture and history of the area.

Saturday morning offered more things to do than one could do. The Gymkhana and Funkhana events were held outside of Sturgis, and I am happy to return our own Len Thomas showed them how a Gymkhana is done. Congratulations Len!

Ruby and I joined a very large group who headed out for the guided tour of the Crazy Horse Memorial and Custer State Park. Another great scenic drive, starting in Deadwood and winding around through the Black Hills National Forest, past Lake Pactola and Sheridan Lake, through Hill City, along the way. At the Crazy Horse site we enjoyed a tour of the museum and artist's studio, a little lunch, a performance of a local dance troupe, and the opportunity to watch our leaders trying to herd the cats into a group photo with the memorial as the backdrop. Was fun to see it come together. But the photo was made and turned out great.

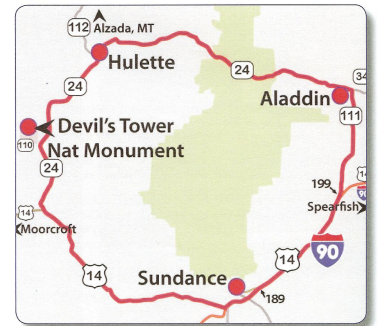
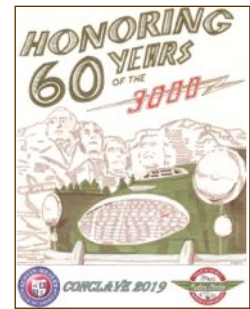
After Crazy Horse, we headed to Custer State Park and more beautiful roads. The wildlife loop there is not misnamed. Bison, antelope, deer, turkey and more, every turn brought another sighting. We even spotted Doug Duffee's doppelgänger! Leaving Custer, we headed back toward Deadwood along the Needles Highway. Amazing rock formations and a fun Healey road, too.

About those bison. They are NOT housebroken and often leave "things" on the roadway. DO NOT run through it. It does not wash off easily. Ruby may still have remnants by the time Conclave 2020 rolls around.

There was also a pair of Tech Sessions, one in conjunction with the Gymkhana/Funkhana, "Ten minutes with a Healey Expert", and a second, "Building Club Spirit" at the headquarters hotel, the Deadwood Mountain Grand in the afternoon. As I was busy washing Ruby ahead of the Sunday car show, I missed both.

Saturday evening your Atlanta club Conclavers enjoyed a very nice dinner at the Deadwood Social Club. Over 150 different whiskeys, 160 different wines, at least 30 different beers. Something for everyone. And the food was

The Flash



Conclave 2019 at Deadwood, cont.

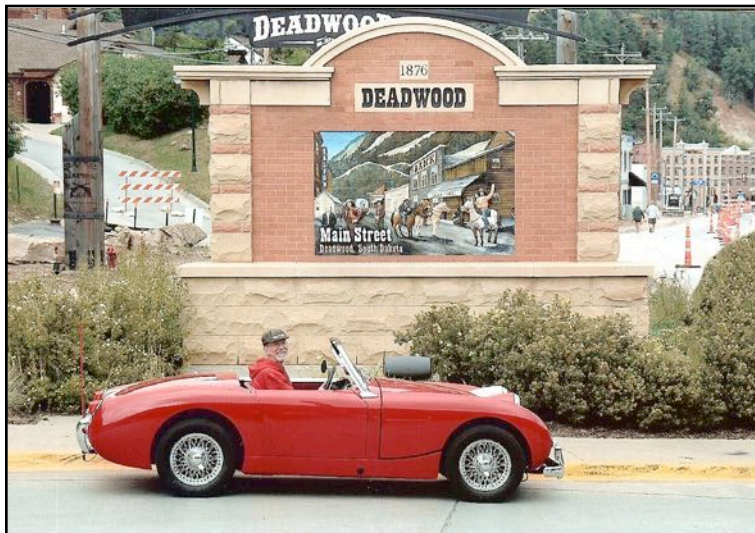
terrific. Even a special desert for George and Debbie Pope, who were celebrating their wedding anniversary. As they used to say in the society columns, "A good time was had by all".

Sunday morning was reserved for the Conclave 2019 Car Show. Our hosts had something special planned for us, with three parts. First up, our cars gathered at the Days of 76 complex and were parked by class. We all enjoyed looking at the cars and voting for our favorites.

Next, for Part II, we pulled out onto the Can-Am highway for a parade down to Lead and Central City and then onto Main Street in Deadwood.

For Part III, the cars were on display on Main Street, which was closed for us, and a bucket was placed at the front of each car. Local kids from the Deadwood Boys & Girls Club sold tickets for a \$1 apiece and the buyers could "vote" for their favorites by placing the tickets in the buckets. All proceeds went to the Boys & Girls Club, and over \$3,200 was raised.

As the cars left Main Street, a photographer took commemorative photos of each car in front of the iconic Deadwood sign at the top on Main Street.



Sunday afternoon four motor coaches took a group down to Keystone to visit Mount Rushmore. We arrived in time to enjoy dinner with a view of the carvings and to do a little shopping in the gift shops.

Then it was outside to witness the lighting of the monument. While some ill-timed clouds obscured the view a bit, it was still an impressive sight.

Monday another full day. The Tunnels & Pigtails Rally assembled at 7:30 for a tour over several of the most scenic highways. Tunnels were plentiful, if often on the narrow side, and the pigtails were remarkable. For those unfamiliar, a pigtail is a bridge that circles back around underneath or above itself. These are often made of wood and really something to see. And of course, the scenery



Conclave 2019 at Deadwood, cont.

is amazing. While on the rally, we were to take pictures for the Photo Rally. No real rules, just "snap what seems good to you". We were to send the pictures to a web address for "judging". Our hosts used the submitted pictures for a slideshow displayed at the dinners Monday and Tuesday evenings. There also were awards given for pictures judged to be particularly notable. The array of what folks found worthy of submission made it all the more fun. Also on Monday was a second rally, this one a more formal TSD version.

For those not wishing to join the rallies, the Silent Auction had some fun things to bid on. The Delegates Meeting was held in the afternoon. And there was time for exploring on your own.

Monday evening was the Wild Bill Bar-B-Que and dance. And the presentation of the first part of the Awards, everything but Best of Show and Concours Judging. Good food, lots of fun conversations, great music too. And everyone's favorite little AAHC redhead won a little trophy. As did Tom and Dottie Hidell's 100M.

We also were treated to a presentation by the Tampa Bay AHC, announcing their plans for Conclave 2020, to be held at Plantation Crystal River in Crystal River, Florida, May 17th through the 21st. Registrations are open, and the hotel is taking reservations now.

Tuesday morning was devoted to free time. Some took one of the many drives our hosts had laid out for us. Others took to the streets of Deadwood to explore local offerings. One of the treats provided by the Minnesota club was a package ticket to three local attractions: the Days of '76 Museum, the Adams Museum and the Historic Adams House. The first focused on the history of the Days of '76 rodeo and celebration and included an impressive collection of horse drawn conveyances, from dump-wagons to hearses. The museum also contains a large collection of firearms. (But they won't let you play with them.)

The Adams Museum offers a look at the history and legends of Deadwood and the larger Black Hills area. The area has enjoyed some very colorful people and events.

The Historic Adams House is a Queen Anne-style home that was built by a local man who came to Deadwood with nothing and became a prominent local leader. Not all sunshine and rainbows, there are some sad events too. But the house, through chance, is largely unchanged from the times the original families lived in it.

Of course, you can't visit a Gold Rush Boomtown without some gunfights and frontier justice. Deadwood provided plenty of opportunity for seeing that. I am happy to report that my visit with Calamity Jane did not result in either gunplay or "justice". Lots of fun.

On Tuesday afternoon was the Ladies Tea at the Martin-Mason Hotel, a boutique hotel restored to its 1890's splendor. While I yet again was not allowed to go, I understand it was very nice.



Since I was barred from the Tea, I made my way, via the Deadwood Trolley, to Chubby Chipmunk Chocolates. Hand-dipped and just sinfully good! The hardest part was picking out which to try. The second hardest part was to stop eating chocolates.

Also held on Tuesday afternoon was the final Tech Session, with a focus on touring and how to prepare your care, what to take on the trip, and what to do when the (nearly) inevitable problem arises. While the handout on Common Roadside Failures is a bit lengthy, I am including the suggested Roadside Spare Parts and Supplies List,

Conclave 2019 at Deadwood, cont.

courtesy of British Car Specialist. (See scan on next page)

Tuesday evening was the cap to the event, the Awards Banquet, the dinner, and a very impressive show. The slideshow of the summited photos was updated with the final submissions and prizes were awarded to those judged best. The Best of Show for Big Healey and Sprite trophies were awarded, and the results of the Concours were announced.

What for many was the highlight of the evening was the featured entertainment, Brulé. Described as a contemporary Native American new-age/worldbeat music group, they put on a terrific hour plus show, full of music, song, dance, and storytelling. Really great fun.

Wednesday morning was time to head out for most, with many leaving early. Including me and Beauty and the Beast (AKA the giant Ram pickup towing Ruby in her "carriage").

Driving caps off to the Minnesota Austin-Healey Club, along with all those who helped, in pulling off a first-class Conclave.

And glad that all the Atlanta Austin-Healey Club folks, like Ruby & I, made it home safely.



Wooley Worm Fall Tour

"Spooktacular"



Date: October 26, 2019

Time: 10:30AM -> Until...?



Start: 1598 CC Camp Rd Elkin NC 28621 [Elkin Airport]

End: 1326 Mountain Park Rd, State Rd, NC 28676

Cost: \$10.00 per person [Includes Chicken Stew]

Register: w/ Margie Steele [mo20468@yahoo.com]

Or just say **"BOO"** and show up!!!!

Non TAHC Club members must register by September 28th




pgboo@triad.rr.com

Wooley worm fall tour 2019

British Car Specialists

2060 N Wilson Way, Stockton Ca
(209) 948-8767

Roadside Spare Parts and Supplies List

This is a list of the spare parts, tools and supplies that we recommend you carry in the trunk of your car. Be sure all the spare parts that you carry are the correct ones for your car. There also is different quality of some of these parts, so to be safe be sure what you carry is right. So you don't end up on the side of the road with a faulty rotor and a faulty rotor in your spare parts. All cars are a little different so be sure that the spare parts that you carry are correct for your model car. To store your spare parts you can take the bottom 5" of a 5 gallon bucket to store the parts in and it will fit inside your spare wheel.

Parts

Engine

Oil flex line
Fan belt
Valve Cover Gasket
Clutch flex hose
2 quarts Engine oil
Rubber expandable core plugs

Cooling System

Heater hoses
Hose clamps
Radiator Hoses
Fan Belt
Thermostat
Water
Radiator Cap
Water Wetter



Ignition System

Points and Condenser (check fit)
Ignition Rotor
Spark Plugs
Split washers and Nuts for plug wires
Distributor cap with carbon brush
Bulk steel core plug wire

Fuel System

Fuel hose 5/16 with clamps
Carburetor rebuild kit
Fuel pump or new points
Fuel fitting fiber washers
Fuel filter

Suspension and Brakes

Flex brake hose
Brake Fluid
Inner tube
Brake pads
Brake Fluid



Electrical

Bulk wire with assorted terminals
Electrical tape
Assorted fuses
Assorted bulbs
Generator and Starter brushes

Tools

1/4 drive socket set
3/8 drive socket set up to 3/4
Combination Wrenches 1/4 thru 7/8
Crescent Wrenches 2 sizes
Assorted Screwdrivers (Phillips and Standard)
Pry Bar of large screwdriver
Vice Grips
Razor Knife
Flashlight with spare batteries
Electrical test light
Assorted jumper wires with clips
Wire cutters with Ignition Wire crimps
Feeler gauges
Spark plug socket
Channel lock pliers
Hammer
Knock off hammer
Jack that fits under car with flat tire

Misc Supplies

Flares
Rope or Tow Strap
First Aid Kit
Fire Extinguisher
Gloves and Hand Cleaner
Large Towel and shop rags
JB Weld
Emory Cloth
Assorted nuts, bolts and washers
1/4, 5/16, 3/8
Fix a Flat only if you have tubeless wheels
Service Manual for your car
Car Club Membership lists
AAA Platinum Membership Card w/towing
Cell Phone Charger
Our Tech Talk by Norman Nock



from Conclave 2019

Notes from Caffeine and Chrome, Saturday, September 28

-Ric Anderson

Taking Doug's suggestion of letting other members know when you are doing a car thing, word was sent out about an impromptu visit to Gateway Classics' monthly Caffeine and Chrome, with a follow on drive to lunch a possibility. We had three Healeys, a pair of AAHC BMWs, and an additional, and very nice, BMW of an associate member.



Joining me in the fun were AAHC members John Homonek, Mark Leinmiller, Glenn & Julie Stephens, and Alan White. Associate member Del Champion was there for the vintage BMW crew.

A good mix of cars in the parking lot: vintage muscle, Japanese tuners, German "bahn-burners", and those exotics with big price tags still showing. And others too.



Coffee, donut and a big smile!

Inside was the expected collection of cars for sale. The ones that never leave (maybe they should designate a section in the back as "Hotel California"? Newer additions, at least to us as well.

Marvel and discussion on how they come up with their "asking" price on the inventory. After a bit of wandering about and more coffee and pastry that was good for us, we played the theory game, "If you could have just one of the ones

available, for free, which one?" In case you've forgotten, picking on price just for flipping isn't allowed. A fun bit of old fashioned mental floss.

After all this work it was time for a little drive in the country. Glenn, the Boy Scout he is, was prepared not only with an interesting and suitably twisty route, but with print outs for everybody. Thanks Glenn!

After working up a hearty appetite, Glenn, with world class navigation help from Julie, led us to Ball Ground's famous Burger Bus. At a great and leisurely lunch at a picnic table in the shade of a big tree, many of the world's problems were solved. And one important question was answered. (Is there any meat in this sandwich? Georgia Tech engineer indeed)

A great time was had by all. Y'all should have come along.

Don't miss the next fun adventure, the Long & Winding Road Tour, October 12th.



Mark, and Alan taking turns at the wheel of the Burger Bus



Del Champion's Six Pack

Tech Corner by Barry Rosenberg

Tech Article; September 2019,

How to make what started as a good day suck. Today was going to be a good day at the shop; I was going to complete installing the dash in a Spitfire; help a customer polish a ring and pinion gear set; leave early to go home and cook. Tomorrow, Saturday, is our club's annual picnic which I am going to make cole slaw to take. I like a sweet style like Chick-Fil-A used to make so I use their recipe for mine. Then we have a party to attend that evening and I plan to take some of my great mini salmon croquette with a dipping sauce and some home made chop liver (YUM).

It was a beautiful ride to work with the sun just starting to peek over the mountain ridges; cool temp outside so windows open and ac off. It really doesn't work that well anyway. And no traffic! But the day turned very sour once at the shop. Nothing big but enough small stuff to irritate one's soul. To start, as soon as I pulled into my barn, I saw trash on the grass. Not that I am the neatest person, but I know it wasn't there yesterday.

I consider myself a pretty nice guy most of the time. A neighbor across the street from my barn once parked a truck, trailer and boat in my yard without asking. I got to the barn and had no idea who it belonged to. I knew Patty didn't buy it for me so I let it sit. No, I did not call the police as I figured there had to be a logical explanation; and there was one. My neighbor, who I now know, goes to the lake with his family in the boat and sometimes gets home pretty late. When it is dark out, he can't back the trailer and truck up his very steep, narrow and curvy driveway so he left it in my yard until daytime when he could see.

I could not back it up no matter how bright it would be as his driveway is very difficult. So I told him, now that I knew who owned it, no problem; do it anytime you need. Very neighborly of me. Last week, I came by the barn on a Saturday with Patty and Bolt, so he could poop as his farts were getting terrible and frequent, there he was playing baseball with his young son who used to stop by the shop daily after school to play with Bolt. His son was on a school team and I thought it was great they were outside

doing father son stuff and not inside playing video games.

Bolt was distracted and would not do his business and as I waited, the kid almost clocked me in the head with a hit ball. So we quickly left and lived with the farts and opened windows. I told him again, no problem, just try not to break anything. Not having any windows on the front, I figured they were ok. But today, the day that was starting so good, was dampened by the trash they left behind yesterday. Really, I am nice enough to let them play here where it is flat and open and this is how they thank me, with left behind trash.

Ok, I picked it up and cussed a little over their poor manners and went into the office. First thing I do in the morning is turn on my computer. I do not leave it on after I leave in the afternoon. The past several days, my Verizon internet had been dropping the signal several times a day but only for a few minutes. I am typing this now because the internet has not started since I have been here and I have been at the barn almost an hour. So, I can't read or answer any emails; look at my bank balance; read Facebook; or look up parts.

I can either go to work or type this article. But, as today is trash day at the barn, I decide to sweep the loose dog hair off the floor and put in the trash. Let me ask now that if any of you visit me up here, and you are always welcome, and you bring a drink, please, put your trash in the can and not leave it on the floor. After a few days, a cup that once had sweet tea or coke with ice quenching your thirst, sits on the floor, the ice melts, the resulting liquid begins to mold and a broom hits it and knocks it over spilling the yucky contents on my floor for me to clean up. Thanks!

Or, several days after you leave, I find your discarded cup sitting on a shelf somewhere you thought it would be safe from getting spilled. And it was safe enough for you to forget it. Bolt loves ice; you could do as one friend does and give the ice to him and throw away your cup. Thank you.

The internet is finally working so I think I will check my email. To be continued.

Tech Corner (cont.)

OK, I am back. It has been about 30 minutes and the internet is gone again. Mountain living has some great benefits but there are some huge drawbacks. Unreliable internet and phone service is one of them. I can't get any land line service at the barn or our house and Verizon is the best choice up here. Better than AT&T and most others. What was that TV song, "farm living is the life for me"; no, "city living is the life for me, give me that TV and internet", or something like that.

Today, someone is coming up to work on a GT6 running gear for a Herald. The differential from the GT6 donor car had a minor problem in that it had broken a spider gear and sheared the shaft it ran on. The broken gear's pieces rattled around a little before the car stopped and chewed the ends of the pinion gear teeth. Spider gears are what allow your rear tires to negotiate a turn without scrubbing off lots of rubber.

As you go around the corner, the inside tire has a smaller radius than the outside tire. If the wheels were locked together, one would have to skip and jump some to turn at the same rpm as the other. Spider gears allow them to turn at different rpm. Limited slip differentials allow some slip in turns with a clutch pack instead of gears but lock the two wheels together when going straight. In a spider gear differential, called open diff., only one wheel pushes the car straight. The other is along for the ride.

Ever notice one long black streak in the road? That was a red neck with more horsepower than sense trying to show off. Most cars come with the open differential, until lately. New cars have electronically locking differentials way more complicated than even I understand how they work. A computer tells the gears when to lock and when to slip. There are variations on limited slip differentials but most of you will never need to know how they work as we will not ever pay the high dollars for one.

If you autocross or race, you can take advantage of them but for the street, the open one in your car is perfect. When we were racing my TR4A IRS car in vintage, I welded my differential to make it a locked one. When I drove it on the street, which I did a lot, you could here the tire skipping as you turned a

corner. But man did it bite when you nailed the gas on the straight sections.

So, I mentioned we had some chipped teeth on a pinion gear. Why not replace it? One cannot replace only a pinion gear. It must be replaced as a matched set with a ring gear. How many know what I am talking about? I could just drop this part of the article or I could explain what the gears do. Since I like to talk (write) I will give a quick explanation. The ring and pinion gears are the system that transfers the rotation of the engine, by way of the transmission and driveshaft, 90 degrees to turn the wheels. They also make up the gear ration of your differential. Triumph TR6 has a 3.7:1 ration. MGB has a 3.9:1 ratio. GT6 has a 3.27:1 ratio. These are stock and there are variations. A TR6 has 10 teeth on the pinion gear and 37 teeth on a ring gear; thus the 3.7:1.

A pinion gear sits in the differential housing in line with the drive shaft. The larger ring gears sits on a shaft in line with the axles. The gears meet at roughly 45 degrees angle each turning the drive shaft rotation 90 degrees to turn the axles. Pinion gears are supported on two bearings and must be set up in the exact specified location. This is done with shims as thin as .002" thick. The ring gear is bolted to the carrier assembly which contains the spider gears. Two of the spider gears are splined to the axles and the other two are located on a shaft and join the two on the axles at 90 degrees.

The ring gear meshes with the pinion gear and must be set so it hits the pinion in the center of the teeth. This also requires setting the spacing with very thin shims. If either gear is out of position by just 1 or 2 thousandths, you get a whine or hum or worse, broken teeth. It takes more work to set up the gears in a differential than it takes to build an engine. And you have to have very accurate measuring devices. This is not a job to tackle at home.

When something gets out of whack, and it is hard to determine what got out first, one can only look at what is reusable and what is not. In our case, the pinion and ring gear have some wear but not in the area where the gears mesh. So, instead of buying \$500 worth of gears, we are going to polish out the chips, replace the spider gears and the carrier, and

Tech Corner (cont.)

use a new shaft. The original GT6 housing will be used and we will install new seals and bearings.

To be honest, I do not always install new bearings having seen new bearings that had more slop in them than the ones being replaced. And I have seen more and more new bearings with fewer balls and more space between them in the races. If the original bearing spins freely and quietly and have no visual pitting, I re-use them.

After we polish the gears, I will begin setting the clearances and tolerances. They are the utmost importance and must be done correctly. Actually, I can tell a lot by feel of hand. I can tell when the pinion bearings are preloaded correctly by feel. I can tell when the backlash is just right by wiggling the gears. The clearances will be checked by gauges but first I test them by hand.

Well that customer just showed up and the internet is still intermittent so I will end for now.

It is another day now and the internet is working. That customer showed up with parts for the GT6 differential on that “good gone bad” Friday. One of those items was the new cross shaft the spider gears rotate on. It is a very hard part to get. All the good suppliers were out; most said NLA (no longer available) or NLS (no longer supplied) and only one had it, Victoria British. The \$8 part cost \$7 to ship. It is less than 3/4” in diameter and about 4” long; \$7 to ship!

The shaft looked like it had been sitting outside for a few years; it was rusty. This was not a big problem, I was able to chuck it in the lathe and polish off the rust. This short shaft was a centerless piece. This means there were no centering indents on either end. It was probably cut from a longer piece of stock. This makes it hard to chuck and clean both ends at the same time. You chuck one end then turn it around and do the other.

After cleaning it, we tried to fit the gears to it. No, not even close. The shaft measured .008" to big in diameter. Not such a cheap part now is it? So, back to the lathe. The shaft is hardened so I knew it would be difficult to cut on the lathe. You really need to grind it but I do not have the set up for that. Would you believe the shaft was bent, just a little. I adjusted it in the lathe several times and checked and it was not the way it was mounted; it was actually bent.

What did we have to lose? I began turning taking very small cuts until one end fit the gears. Then I turned it around to cut the other end. This is not the best way to do this type of work. We finally got both ends to fit the gears after 1 1/2 hours effort. Then we wanted to re-harden the outer surface. This is a pretty cool process and a very old technique. Take your handy oxy-acetylene torch, get the part red hot and slip it into used motor oil. Do this outside as the smoke and smell are not something you want your better half noticing. The shaft came out black because carbon atoms had bonded them selves to the surface making it harder. Our shaft is exactly what we got, the shaft. It seems like it will now work but the once cheap shaft got more expensive.

So, a good Friday turned sour real quick. At least I took off early and my cooking turned out some delicious food. At least I think so. Work will continue on the Spitfire dash and wiring harness and the GT6 Herald and I will keep you updated on the progress. If y'all have any questions or comments, email or call and I will be happy to discuss it with you. Until then, see y'all somewhere soon.

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The poster features a festive autumn background with colorful leaves. At the top, it says "FAMILY FUN!" on the left, the Cobb County Police Department logo in the center, and "COMMUNITY FESTIVAL" on the right. Below this, the main title "COOL CARS AND COPS" is written in large, bold, red letters with a white outline. Underneath the title are three cars: a red classic convertible, a black modern police car, and a light blue classic coupe. The event details are listed below the cars: "SATURDAY NOVEMBER 2, 2019 | 10:00 AM – 2:00 PM" and "AT LOST MOUNTAIN BAPTIST CHURCH, DALLAS HWY, POWDER SPRINGS". A red banner across the middle contains the text "CAR SHOW • TOUCH A TRUCK EXPERIENCE" and "KIDS COSTUME CONTEST • PRIZES • FOOD TRUCK FEST". At the bottom, there are logos for Blue Thanksgiving, Inc. (with the tagline "We Back The Blue!"), contact information for Brianna Anders, and the Lost Mountain Baptist Church logo.

FAMILY FUN!

**COBB COUNTY
POLICE DEPARTMENT
GEORGIA**

**COMMUNITY
FESTIVAL**

COOL CARS AND COPS

SATURDAY NOVEMBER 2, 2019 | 10:00 AM – 2:00 PM
AT LOST MOUNTAIN BAPTIST CHURCH, DALLAS HWY, POWDER SPRINGS

CAR SHOW • TOUCH A TRUCK EXPERIENCE
KIDS COSTUME CONTEST • PRIZES • FOOD TRUCK FEST

 **BLUE THANKSGIVING, INC**
We Back The Blue!

For information on entering your car in the show,
 Please contact Brianna Anders: brianna.anders@cobbcounty.org

 **Lost Mountain**
baptist church

The Cobb County Police Community Affairs Unit and the West Cobb Business Association, working with Blue Thanksgiving, Inc. are hosting the 2nd Annual Cool Cars and Cops Car Show/Festival to raise money for charitable Christmas programs.

- The event will have a Large Car Show, a Trunk-or-Treat (have kids dress up in Halloween costumes), inflatables, food trucks, and more
- We are looking for club and individual car enthusiasts to display ALL types (Classics, Exotics, Tuners, Projects)
- \$10 entry fee per vehicle; **Cash Only** at the show. All fees raised support Christmas programs hosted by Community Affairs Unit. If you would like to bring candy for a "trunk-or-treat" you are welcome to do so, however please note that this is not required.

WANTED, or FOR SALE

Reminder for Club Members: Anyone have any British cars or parts- for sale or any items wanted? Pass on the info & we'll get it listed. Advertisement is **free** to members. Your ad will run for three months unless you pull it or ask for renewal.

Parts Needed

Working on (2) projects and am looking for the following parts:

Short term project: Building a MK1, 1962 MG (GAN2 VIN prefix). I need a:

(buildable condition) **1098 Engine.** I'd like to keep it "Year and Make" accurate if I can, but a 1275 engine would work also.

Tach and Speedo for MK1, 1962 MG

I purchased the car with no engine transmission, Tach or Speedo, but otherwise complete and with only 2 rust through spots (on bottom of each front wing in the usual place).


Longer term project: Building a Bugeye from tub up (currently on a rotisserie to replace floor pan and spring boxes). If you have any BE parts (interior or exterior) you're not using / would part with - send me a list please!

Thanks All !

Lee Etterling

Betterling01@gmail.com

678.630.5013



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FOR SALE: 1999 Jaguar XK8

4.0 L-DOC V8
Shifttable 5 Speed Automatic Transmission
Harmon Kardon Sound System
Original Factory Mag Wheels
New Continental Extreme Contact Tires
EBC Performance Brakes
New SS Cat Back Exhaust
New Battery
49,500 Miles
Concours Condition

\$16,500 OBO

Any questions, please call:
Roger Futrell, AKA Sparkie
770-535-1510 (Home)
678-943-9796 (Cell)



> > > Please contact the Editor when your Sale or Wanted item is done. < < <

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WANTED

Hi Club Members- Am working on my 100/4 project and am in need of a flywheel for my motor. Please advise if you have to spare or where I might locate one. Thanks!

Regards, markhenderson3376@gmail.com

FOR SALE

A-H 3000, 1961

I have a beautiful 1961 3000 that I am thinking about passing on to a new owner...if anyone knows of someone who would love to have such a fabulous car or if any of you want to add to your collection please let me know!

Thanks so much!

William Monroe williamlmonroe@yahoo.com



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FREE BJ8 ORIGINAL EXHAUST

What you see is what you get in the photo. It's a basic exhaust sytem that fits a BJ8. It a solid system. I put the chrome tips on a few years ago. If someone is building a BJ8 on a budget or needs some exhaust parts, the price is right. Call me: Doug Mills 678-814-5286
dblairm@gmail.com

