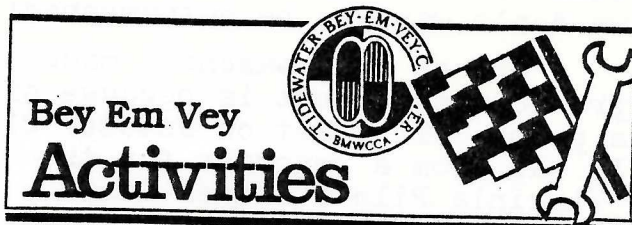




Das Kummer

October 1983



CHARLES DICKENS
The Rally on October 9th promises to be the biggest and best ever. Besides having a large time with BMW friends and making some Porsche friends during the rally and buffet awards dinner afterward, how many chances do we get to win an Escort (radar detector, for the uninitiated). Not to mention the other great prizes. See details in the V.P. column and the activities column.

Coming up in the near future (details and illustrations elsewhere) is the always popular Boo-Tech, our annual Fall gathering at our favorite BMW vendor, Atlantic BMW. Fast Jim Atwell will have his troops all set to inspect our Bimmers for any faults so we can be ready for safe and fun winter driving. There will also be plenty of refreshments and the parts department will be running some great sales specials in addition to their inspection tech, 20% off on everything you buy or order and prepay. Start making a list now of all the things, big and little, stock parts and after market accessories. Mark and Peggy have many goodies in stock and can get anything your little heart desires for your biggest toy. Fun will be had in wholesale lots so don't miss it. Speaking of fast Jim Atwell, the

cont. pg. 3

KRIST JANI
Fall has arrived and I'm not ready for it but, I am ready for the Big Rally on Sunday, October 9th. We want to out show and out know the Porsche Club. This event promises to be more outstanding than the one held last spring. Great prizes will be offered with an Escort Radar Detector as first prize. Come out for the day and join the fun. More details are included later in this article.

CALENDAR OF EVENTS

October 1st-Saturday-9:00a.m.
Autoy Inc. Octoberfest-Rockville Md.(Washington) 301-468-4850 - This is a great opportunity to see National Capitol Chapter Members, enjoy free food and beverages, and learn alot about BMW's from a leading supply house. Last year there were at least 1000 people and many brought their rare, vintage cars for display. We will leave from T.J. Maxx at Janaf at 9:00 a.m. to be there by the 1:00 p.m. start.

October 2nd-Sunday-8:00p.m.-
Members Meeting at Tom and Susan Cupitt's home, 3964 Wilmington Rd., Va. Beach, (467-4220). Tom and Susan are new members and he is also a district V.P. with the Porsche Club. Lets turn out to show our colors. Their home is in the Green Run section of Virginia Beach.

cont. pg. 3

VEEP NOTES

NATHAN SEGAL

Jeff and I have been very busy all month making final preparations and course adjustments for our Fall Rally on October 9th. We're looking for a good turnout and have already heard that many people from Richmond will be driving down for this event. Unfortunately most of them are Porsche Club members and we don't want to be outnumbered!

One of the reasons I made the previous statement is because of a phone call I got on October 21st. It was from a reporter for the "Virginia Pilot, Ledger-Star". He had heard that we were "planning some type of rally race" and did we mind if he rode along with us and took some pictures for an article. I kindly explained to him that our rally was private and we would rather not have outsiders know about it...Of Course I'm Kidding, I told him that he'd be more than welcome to join us!

Because of the phone calls I've been getting on the rally I thought I'd answer the four most asked questions in print. Yes, this is an open rally. You may invite anyone you like in any car they drive. The fee for non-club members is \$20.00 per car. Yes, \$20.00 for non club members and \$15.00 for BMW or PCA members is no drop in the bucket. But I promise you it will be worth every penny in fun, prizes and excitement. Besides it will put some needed money in the clubs treasury for worthwhile future events.

No, the rally is not hard. Jeff and I have put many hours into the course so that it will be as fun and challenging as possible, but not hard. At the starting line you will be given a question and answer sheet. All you will need is a pen and a hard surface to write on. The sheet will contain simple directions and questions to be answered along the route. No previous rally experience is needed, nor any familiarity with

Tidewater roads. As a matter of fact in the last rally two of the four top winners had never been in a rally or were from out of town. So please don't let never having run in a rally stop you from attending. The winner will be the car with the most questions answered correctly. In case of a tie, the car with the least miles driven on the route will win.

No one can predict the weather on October 9th. We all wish for a beautiful day, however, please remember; This is a Rain or Shine Event.

Also, if you get lost each car will have a bail out envelope to be opened only if you get lost. Also we will place the drivers license in the envelope. So any speeding will result in disqualification. Remember, speed is not a factor.

Now for the list of Prizes.

- 1st Prize - A new Escort with s/to/p also dinner for the winning navigator and driver will be on the house.
- 2nd Prize - Neil Chadwicks fantastic car treatment by Chadwicks Custom Car Care in Ghent. For one car. Thank you again Neil!!!
- 3rd Prize - Dinner for two at Chi Chi's.
- 4th Prize - Oil change and filter from Atlantic BMW. Thank you Jim Atwell!!!
- 5th Prize - Gordon's Vodka has kindly donated a beach umbrella
- 6th Prize - Matching Jackets from the St. Pauli Girl Brewery in Bremen, Germany.
- 7th Prize - An Ice Bucket
- 8th, 9th, and 10th Prize - Bar Trays donated by St. Pauli Girl
- 11th, 12th, 13th and 14th Prize - are new matching Tee Shirts of various designs.

The last place award known affectionately as "Dead, Dirty, and Last" will again be awarded.

Jeff and I again hope you will all come out with the family for this fun event. See all of you there!

APEX

Bey Em Vey

Activities

other day as I was cleaning out my shop I ran across a 1975, August, I think, "Car and Driver". As I was ditching the stack of assorted magazines guess whose familiar face I spied on the cover? That's right. Fast Jim Atwell. The article was about the Cannonball Baker Sea to Shining Sea Memorial Trophy Dash. The second one Jim had run in. In the article was another shot of Jim persuading his map. Good reading. I kept that issue so if you want to read up on one of my personal heroes just ask me for the loan.

On the National front we're looking at a dues increase in the very near future. Up from \$25 to \$30. The increase to be split by National and the Chapters \$2.50 each. No problem as far as I am concerned because the club will still be by far the best accessory you can buy for your BMW at any price. The members who get the most out of the club are the members who put the most into the club. No surprise there. But you may not realize that you don't have to be a hot wrench or an accomplished driver to be able to contribute to or benefit from the club. The important thing is to come out and get a piece of the action. You'll be surprised how fast you'll be on the inside wondering why you waited so long to really get into the club after joining. Try it and I promise you will like it. In a similar vein, if you do anything to your car to solve a problem or make an improvement, take a few minutes to write it up for the benefit of your fellow club members. You don't have to be a professional wrench or writer. If there are some subjects you would like to read about, let it be known and we'll have somebody fill the need. It's your club. Enough soap boxing.

Keep Blinking.

October 9th-Sunday-12:30p.m.- Rally with the Porsche Club- This event promises to be better than the last one in the spring. Prizes will be awarded for at least 5 spots and include: First prize-Escort Radar Detector, Second prize-a car treatment by Chadwicks' Custom Car Care. Other prizes will be announced. The starting point will be T.J. Maxx at Janaf Shopping Center. We had over 25 cars last time, lets go for 50. Porsche and BMW Club Members fee is \$15.00 with non-members at \$20.00. Frankly the last rally was worth at least that much!

October 29th-Saturday-10:00a.m. to 3:00p.m.-Boo Tech at Atlantic BMW (422-3201) 1829 Laskin Rd., Va. Beach. Special 20% members parts discount with extra neat event specials. See and drive all of the new cars. Complimentary refreshments! This is an annual event that our only dealership sponsors. We should support this event.

November 5th-6th. Tom Cupitt Bey Em Vey member and Porche Club Vice President has informed us that all BMWCCA members are invited to theie annual Fall Event. Saturday at 12:30 they will have a rally which will leave from the White Herron with a party there that evening at 7:00 (BYOB) for the awarding of prizes. On Sunday an autocross at Greenbriar Mall. The tech and registration will be at 9 a.m. and the first cars off at 10 a.m. Cost for the rally and party is \$11.00 per car and autocross \$10.00. If you don't want to autocross then come out to watch. We will need to pre-register so give Tom Cupitt a call at 467-4220 or Nathan Segal at 467-9777 for up to the minute details.

November 6th-Sunday-8:00p.m. Membership Meeting-Chris and Rusty Barton's home, 1636 Jameson Dr., Va. Beach (495-2728). This

Activities

will be a very important meeting dealing with the details for the Holiday House Party scheduled for December 17th. We need your input.

November 13th-Sunday-12:00 noon-Tech Session-Debbie and Nathan Segal's home at 3949 Wilmington Rd., Va. Beach (467-9777). Make sure that all is well with your prize bimmer before the chill of winter sets in full-tilt.

December 4th-Sunday-5:00p.m. Membership Meeting-Linda and Charles Dicken's home at 609 Apache Dr., Portsmouth (488-0030) Final Holiday House Party preparations.

December 11th-Sunday-12:00 noon-Tech Session-Krist Janis home, 1038 Jamestown Crescent, Norfolk (489-7997). Use this opportunity to prepare your car for any holiday travel plans.

December 17th-Saturday-8:00p.m. Holiday House Party-Krist Janis home, 1038 Jamestown Crescent, Norfolk. Details to appear next month but be prepared to B.Y.O.B. (mixers provided), a grab bag item (\$5-\$10 value) and any special item we just couldn't avoid enjoying (ie cookies, breads or other eatables).

1984 Events Note:

Sponsorship has been found for Octoberfest 1984, it will be readied by the Connecticut Valley and Boston Chapters jointly. This means New England and is close enough for us to attend in numbers!

BMW Films

BMW of North America has provided a letter detailing what films are currently available from BMWNA for chapter use. With the exception of The Concept, all films are 16mm. Let us hear some feedback from the membership. Anybody have a 16mm projector?

BMW JUNIOR TEAM FILM - a 20-minute film on the Junior

Team's physical fitness program and footage of their European races.

733i FILM - a 20-minute film of David Hobbs driving a 733i around the Nurburing in Germany. This film comes with a script explaining the test track segments, since the background is only musical.

BMW M 1 FILMS - both films are approximately five minutes long; one is the production of the street car and the race car. The other M 1 film shows the car driving around the Nurburgring with an inside mounted camera and includes both the street car and procar version on the track; this film has no narration.

REVOLUTION AT THE WHEEL approximately a 30-minute film featuring the safe driving technique of Rauno Aaltonen, one of the world's most successful rally drivers. The film cuts to Aaltonen teaching just how to handle these situations at the BMW Motorsport driving school.

24 HOURS OF DAYTONA FILM - a 10-minute film highlighting the performance of four M 1's that competed in the 24 Hours of Daytona race.

ROBOTICS - This 12-minute film is on BMW's use and research/development of Robotics. It explains the philosophy of re-training workers who lose their jobs to advancing technology.

FORMULA 1 - This film shows the 1982 Brabham BMW at Monaco. It explores BMW's racing philosophy (Fantastic racing photography). It is approximately 15 minutes in length.

DREAM CAR - a 25-minute film which looks at a car from conception to the finished product.

THE CONCEPT - a 15-minute film (video cassette) about BMW in Dingolfing, West Germany.

TECH TIPS



CLOSED COOLING

One more tip to help your Bimmer keep its cool. My favorite tech tips are the ones which rely on personal input instead of financial input. Here is one of my favorite cheap and easy improvements that actually work. What we're going to do is convert the 4 cylinder BMW cooling system to a closed system. Parts needed: one closed type radiator cap (AC RC-32), a small (a pints a plenty) plastic bottle which we can see through, and one tywrap. On 320s we need a metal strap of the type that you find in radio installation kits. Remove your old radiator cap and if it's good save it for a spare.

On 2002s place your plastic bottle in the space between the left side of the radiator to see how it's going to fit. It will probably stand on the edge of the battery tray. On every 2002 I've done this to there is a pair of holes in the bulkhead right behind this spot. Thread a plastic tywrap in the top hole and out the bottom hole to secure your bottle to the bulkhead. That's about all there is to the actual installation of the bottle. To make it work cut a hole in the shoulder of the bottle just big enough to accommodate the overflow hose from the radiator. Measure the length of the hose against the bottom of the bottle and cut the hose to length just missing the bottom. I usually cut the hose so that the end is at an angle so it can't suck up on the bottom of the bottle.

If you have a 320, a 2002 with the battery in the trunk or you want a neater installation for all of the above, use a piece of sheet metal cut to size or a radio installation strap and make a bracket by bending the strap in an L shape so that the bottle can stand on the horizontal and you can bolt/screw the vertical to the bulkhead. Before you tighten

the bolt/screw slide the plastic tywrap behind the vertical and adjust it to hold the bottle on the bracket.

Note that the RC-32 cap is a lower pressure cap than stock. I use it because the hoses don't get as blown out of shape and maybe they'll last a little better. You don't need a bigger overflow reservoir because a seven quart system can't overflow but about 1/2 pint, if it does you need to find out why.

When the engine/coolant reaches operating temperature and expands the overflow bottle catches the overflow and keeps it handy. Then when the engine/coolant cools and contracts instead of replacing the lost coolant with air through your stock cap the new closed cap can only fill the void by pulling coolant through the hose from the overflow reservoir. The end result is that your radiator stays full to 100% of its capacity at all times. This will show on your temperature gauge as a little cooler and more consistent. Coolant level can be checked at a glance hot or cold without removing the cap.

Start your new system by filling the radiator completely to the top. Put a couple of inches of coolant in the overflow bottle. Drive it and let it cool a few times to get all the air out of the cooling system. Then you can get an idea where the normal level will be both cold and hot. No point in having the bottle full as this will not leave room for any overflow. When buying radiator caps look very carefully at the underside of the cap at the lip where the notches are. Some BMWs need a cap with very narrow tabs or the cap won't fit the radiator. It's cheap, it's easy and it works. I love it.

MIGHTY RED

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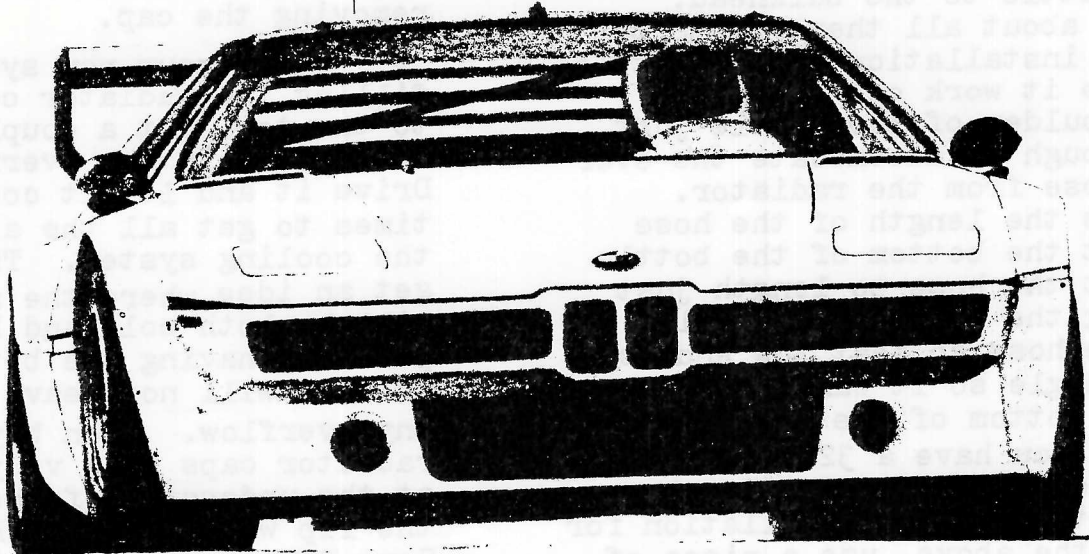
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TECH TIPS

ALTERNATOR...out?
Or the VOLTAGE REGULATOR?
Or BOTH?!!!

KEN DUNN
SAN ANTONIO CHAPTER

At today's grossly inflated rates, these two items may not be high-dollar stuff, but they are not minor-cost parts. For 2002's and probably for other models, you can make a good, quick, low-cost diagnosis that may save you a bundle, but will surely allow for peace of mind in knowing replacement was the necessary way to go.

When the warning light stays on with the engine running at a fast-idle speed or faster, stop the engine and check to be sure the belt to the alternator is reasonably tight and not slipping. That being the case, find the voltage regulator. It is under the hood, mounted on the left in front of the relays, and is a metal box about 3" wide, 3½" high, and about one inch thick. There is a band of tape at the bottom, usually yellow (if you change it get the same color tape).

There is a "T" shaped connector at the bottom of the regulator. Pull the connector off, and use a short piece of preferably solid copper wire to bridge the blue-wire and black-wire receptacles in the top of the "T".

Start the engine, run it at about 1000 to 1200 RPM. If the warning light goes out at once, the regulator you have just bypassed is no good, so replace it with a new one.

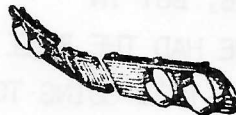
But if the warning light stays on, even a bit dimly, the alternator is not putting out as it should. You might cast a glance at the drive belt to be certain it is not slipping, and when you see that judgment day is really here for the

alternator, it is time to decide which of three options to take.

For a machine in warranty, not, alas, even to be thought of with a 2002, you may insist on a brand new BMW alternator. However, your money being involved, you can, with quite reasonable assurance of good performance, choose the BMW factory rebuilt alternator at much less money than a new one.

Should money be a bit short and if you have back-up wheels, simply remove the alternator and take it to a rebuild shop. The cost will be much less than even the rebuilt-by-the-factory option, and with any luck you get the alternator back for reinstallation in a few hours. There will be some sort of warranty, too, possibly of the same time length as the factory rebuilt.

Another choice is self-repair to the extent of replacing brushes, but if that's all the repair shop has to do, the cost will be so low you can hardly justify getting your education extended that far.



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DX

JIM ATWELL

AUGUST WAS A GREAT MONTH FOR ATLANTIC BMW. WE HAD A MAXIMUM EFFORT ON ALL MONTH AND OUR GREAT CREW SET NEW RECORDS IN SERVICE, PARTS AND SALES.

OUR SUPERWRENCHES DEAN, TERRY AND WYNDHAM, LED BY CHUCK MARZAHN AND TED TODD TURNED OUT THE GREATEST NUMBER OF REPAIR ORDERS IN ANY MONTH IN OUR HISTORY. THIS IS REALLY QUITE A FEAT AND WHEN YOU COUPLE IT WITH THE LOWEST COMPLAINT RATE IN OUR HISTORY, IT REPRESENTS A TRULY REMARKABLE ACCOMPLISHMENT. WE'RE PROUD OF OUR SERVICE CREW AND THEY JOIN ME IN THANKING ALL OUR GREAT CUSTOMERS FOR THEIR OUTSTANDING SUPPORT. COME AND SEE US!

MARK AND PEGGY TURNED IN A STELLAR PERFORMANCE IN THE PARTS DEPARTMENT. THEY ALWAYS DO A GREAT JOB, BUT IN AUGUST IT WAS AWESOME! WE HAD THE BEST MONTH EVER SINCE DAY ONE! IT'S GOING TO BE A TOUGH RECORD TO BEAT, BUT MARK ASSURES ME THAT THE PARTS CREW CAN DO IT AGAIN! AGAIN WE THANK ALL OUR FINE CUSTOMERS FOR THEIR CONTINUING SUPPORT. IF WE AIN'T GOT IT IN STOCK WE'LL GET IT!

WE ADDED A NEW PERSON TO OUR SALES DEPARTMENT. SPENCER RAWLINS JOINED US, AN ENGINEER, NAVY PILOT AND A FINE GUY. HE JOINS "OLD PRO" FOY VANN AND THE "ROUND ONE" LARRY BURGESS UP FRONT. THESE THREE HAVE MET OR EXCEEDED OUR SALES OBJECTIVE FOR SIX MONTHS RUNNING. THEY'VE DONE SO WELL THAT AS OF THIS WRITING, WE HAVE ONLY 2 NEW CARS IN STOCK

AND NONE DUE IN UNTIL OCTOBER. SAD BUT TRUE. ON THE YEAR WE HAVE ALREADY IMPROVED OUR YEAR TO DATE FIGURES BY 25%. WITH OUR NEW MODELS FORTH COMING 325E, 524TD ETC- WE'RE LOOKING FORWARD TO AN EXCITING NEW YEAR IN SALES.

ON THE HOME FRONT PROJECT 1000 IN 1 IS STILL IN A HOLD STATUS. JEANNE HAS, AFTER MONTHS OF ARDUOUS TRAINING, COMPLETED THE NEPTUNE FESTIVAL "SANDMAN TRIATHLON". JEANNE DID EXTREMELY WELL OVERALL AND FINISHED IN FINE FETTLE. NEXT COMES THE MARINE CORPS MARATHON IN WASHINGTON IN NOVEMBER. WE'RE ALL VERY VERY PROUD OF HER AND SHE IS NOW REFERRED TO BY KATE AND JENNY AS "SUPERJOCK".

DON'T FORGET THE OCTOBER TECH ON THE 29TH. WE'RE LOOKING FORWARD TO A GREAT TIME WITH ALL OUR CAR CLUB FRIENDS AND WE PROMISE TO MAKE IT WORTHWHILE! COME ON OUT, WE NEED YOUR SUPPORT!!

Club Classified

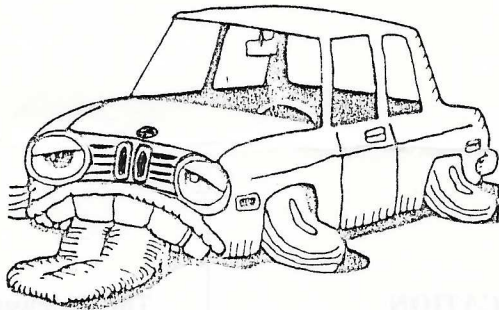
- Chilton Shorter writes that he has found a cure for front end vibration on his 1980 320i. Karl at Art Walker's balanced the wheel while still on the car, moving the weights until he feels no vibration in the fender.

If you have any questions call or write Chilton at 3654 Arthur Ave. Va. Beach, 23452 (H)486-7997 (W) 397-2387.

- Michael Hodges is an expert at car stereo installation and advice for details call him at 468-6017

- Charles Dickens has a plethora of 2002 parts for sale call him at 488-0030 before 1 p.m.

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