



The Rio Grande *Redline*



BMW CCA New Mexico Chapter

www.nmbmwcca.org



CALENDAR OF EVENTS

January 16, Thursday General meeting, Shoney's 6810 Menaul @ Louisiana. 6:00 p.m.

February 13, Thursday General Meeting, Shoney's 6:00 p.m.

March 13, Thursday General meeting, Shoney's 6:00 p.m.

March 30, Sunday Spring tour, Details to be announced.

April 26-27, Saturday and Sunday Overnight tour to Silver City.

May 4, Sunday Clean Car Show.

June Tech Session at Santa Fe BMW with Scott van Doren.

July 10, Thursday General meeting.

August PCA/BMW CCA Challenge, Santa Fe.

September General meeting.

October Fall tour, Details to be announced.

October 5-11 Oktoberfest, Austin, Texas.

November Tech session at Southwest Collision Craftsmen with Manny Cordova.

December Tech session at Sandia BMW with Jim Johnson

NEW MEMBER WELCOME

Anderson, H	99	528i
Armendariz, Valerie	99	323i
Cline, Michael	04	5 Series
Cone, Wayne		
Golden, Chris	95	M3
Griffith, Bill	02	M Roadster
Guzzardi, Joseph	02	325i
Hendel, Paul		
Holloway, Danny	03	330Ci
Lane, Bill	76	2002
Lawson, David		
Lockard, Jack	86	735i
Lynn, Barbara	02	X5
Miller, Joe & Desiree	03	X5
Nathanson, Albert	99	M3
Rhodes, Sidney	01	330Ci
Rothman, Michael	97	740iL
Schornstein, Greg	91	M5
Tomkins, Chris	97	328i
Van Doren, Scott	96	M3

PRESIDENT'S MESSAGE

Winter has arrived in the Land of Enchantment. The temperatures are colder, and the snows are more frequent. The skiers are in better spirits this year than in other recent years. BMW enthusiasts thoughts turn to "X" technology (all-wheel drive).

The New Mexico Chapter of the BMW CCA has had a great fall!

The annual fall tour was held on Sunday, October 6th. It was a picture-perfect day for a tour on the Enchanted Circle route (Taos, Red River, Angel Fire, Eagle Nest, Questa, etc.). After a great brunch in Taos, thirteen cars and their respective owners took the great opportunity to view the changing fall colors, and to experience some of our state's finest and most spectacular mountain scenery. We crossed three mountain passes, and got great views of both Wheeler Peak and Truchas Peak, the two highest peaks in the state. We are very lucky to live here in New Mexico. Pictures may be found on the chapter website.

The November tech session was at Southwest Collision Craftsmen. I have written a separate article about the session.

The December tech session was at Sandia BMW. Service manager Jim Johnson hosted a group of about 38 people; a review is elsewhere in this newsletter.

This spring the chapter will have a couple of business meetings to discuss future plans.

We are also planning a spring tour. The first option is Silver City. This is a lengthy tour (about 5 hours each way from Albuquerque), so we would make this a weekend trip with an overnight stay in Silver City. It is very scenic in the mountainous areas. We are still trying to gauge interest in this, so please drop me a note if you have an opinion. We are also trying to work out a rendezvous with the Sonora chapter from Tucson, but this is still in the planning stages. Timeframe is late April.

The second tour option would be the Very Large Array (VLA), west of Magdalena. We may also consider other tours to interesting places.

Please watch your e-mail, or check the website for updates.

Finally, the New Mexico chapter of the BMW Car Club of America has set a new milestone. We now have over 300 members! We have seen an increase of over 10% in the last year alone, which is especially amazing when the sparse population of New Mexico is considered. Thank you to everyone for your continued support.

I hope to see all of you soon!

Jon van Arsdel
PRESIDENT NMBMWCCA

CLUB MILESTONE !!!
303 Active Members
38 Associate Members

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Tech Sessions

November

The BMW CCA of NM November tech session was held Thursday, November 7 in Albuquerque. Manny Cordova, owner of Southwest Collision Craftsmen was the featured speaker.

Manny began the session by speaking about safety systems on new cars. He described their function in a collision, as well as discussing repair after the accident. The degree of sophistication is simply amazing. Airbags, pyrotechnics, progressive crumple zones, severity sensors, and automatic braking are just a few of the emerging safety features.



November Tech Session: Shop Time!

The group then went into the shop area, and viewed some of the latest equipment, as well as the cars being repaired/restored. Manny and shop foreman Ernie Lucero then gave a comprehensive demonstration of welding repair techniques. Ernie welded together pieces of automotive sheet metal using oxy-acetylene welding, arc welding, spot welding, mig welding, and tig welding. He also demonstrated the use of high-strength adhesives. Ernie and Manny then demonstrated the strength of each method by destructive testing. It was interesting to watch everyone backing up during the testing, even though nothing went flying in any direction.

Southwest Collision Craftsmen also gave out door prizes, and served some refreshments (thank you Rebecca). The NM Chapter gave out additional prizes, and served pizza to all participants (about 20).

December

The BMW CCA of NM held its annual December tech session Wednesday, December 4 in Albuquerque. Jim Johnson, Service Manager at Sandia BMW was the featured speaker. Approximately 38 club members attended; one of our best attended events to date. The 10 pizzas and other refreshments were quickly devoured.

Redline



December Tech Session: Z4 On Everyone's Mind

Jim had several demonstration BMW's in the shop for all to view. There were two Z4's on display, and he gave an overview of the newest member of the BMW family. Jim's primary topic was "X" technology (all wheel drive) on BMW's. On display were an X5 (sport activity vehicle) and a 325xi touring (all wheel drive wagon). He explained how the systems worked, and compared them to the competition. Jim also had a new 745i on display and discussed further the technology in that car. Jim is the technical advisor to the NM chapter of BMW CCA.

Jim had assistance from Peter Limone, Shop Foreman at Sandia BMW. Pete has a great depth of knowledge on all things BMW, and helped Jim with the tech session. Rudy Lopez was the representative from the sales department, and helped to answer questions from the sales angle. Both Pete and Rudy are BMW CCA members.

BMW NA sent a large box of gifts, which were given out as door prizes. Sandia BMW also gave out door prizes, as well BMW CCA of NM. It was truly a great evening for all BMW buffs.

Jon van Arsdel
PRESIDENT NMBMWCCA



Fall Tour Through Enchanted New Mexico

ROADRUNNER CHAPTER WINTER 2003 DRIVING SCHOOL

FIREBIRD INTERNATIONAL RACEWAY

WHEN AND WHERE: **ROADRUNNER CHAPTER BMW CCA DRIVING SCHOOL**
FIREBIRD INT'L RACEWAY
January 25 & 26, 2003
PHOENIX , ARIZONA
FIREBIRD WEST TRACK

Saturday and Sunday, January 25 and 26 2003, on the West Track of Firebird International Raceway. We start at 7:30 on Saturday morning.

This will be the first time in several years that we have been on the West Track. The track is 1.2 miles long, with 11 turns and a 3/8 mile straight. It's an excellent school track, not too intimidating, very safe, and complex enough to keep you busy. PASA will be running some open track events here in 2003, so this would be a great opportunity to learn the track, with the best instruction in the West!

In addition, **all Novice and Intermediate 1 drivers** will receive one session **driving** the world famous **Bondurant skid cars**. We are extremely excited to make this addition to our program this year, and feel it will be a valuable contribution to our driving school. Intermediate 2 and Advanced students will receive an additional track session in lieu of the skid car session.

WHAT:

This is a high-performance driving school, held under close supervision by trained instructors. We use a race track to provide a safe, controlled environment. This is **NOT** a racing school; the emphasis will be on safe, smooth, controlled driving. At no time will you be pressed to go any faster than you feel comfortable with.

Participants will be grouped according to experience and, to some degree, the type of automobile. If the instructors feel you are in the wrong group, they will move you. "First timers", however, are always classified as novices and receive special classroom instruction, and the Bondurant skid car session.

WHO CAN ENTER:

This school is open to both members of the BMW CCA and to non-members. For insurance reasons, if you do not belong to the BMW CCA you will be charged an additional \$35 and become a BMW CCA member, which includes a subscription to the Roundel magazine. **You do not have to drive a BMW to participate in this event!**

Insurance regulations require that

- a. All participants be 18 years old or over.
- b. All drivers and passengers must wear helmets (Snell 95 or better).
- c. Convertibles - *Must be pre-approved* and have *approved roll-bar/cage* and safety equipment.

Two drivers can share one car, but both pay the full fee and are considered separate entries. We will need applications for both drivers.

? The banquet is Saturday night. Satch Carlson will be our guest speaker. Drivers & Guests \$25.00 each.

? Hospitality Suite and Registration, Friday night, 6:30-8:30 p.m.

WHAT HAPPENS NEXT:

Fill out the application and mail it in with your entry fee. ***Please note, we now accept Mastercard and Visa!***

Please register early as this helps in our planning and staffing for the event. Some groups may fill up! ***We now have a reduced rate for those that pay at least a week prior to the event!***

Prior to the school, you will be sent a confirmation, more information on preparing your car & schedules.

QUESTIONS ? Call, fax or e-mail to:

Brett Creaser Daytime phone: (602) 344-4775 FAX: (602) 943-5508 E-mail: bcreaser@speedie.net



**ROADRUNNER CHAPTER
BMW CCA DRIVING SCHOOL**

January 25 & 26, 2003

**FIREBIRD INT'L RACEWAY
PHOENIX, ARIZONA**

FIREBIRD WEST TRACK

DRIVING SCHOOL ENTRY APPLICATION

Name:			
Address:			
City:	State:	Zip:	
Home Phone:	Email:		
BMWCCA #:	Non-Member: () (CHECK IF APPLICABLE)		

Car Make / Model:	Year:	Insurance Co.:
Color / Markings:	License #:	Policy #:
Engine Modifications		
Suspension Modifications		

**-CONVERTIBLES MUST BE PRE-APPROVED, AND HAVE APPROVED ROLL BAR/CAGE AND ARM RESTRAINTS! -
PLEASE REGISTER EARLY --?-- HELMET REQUIREMENT: SNELL 95 OR BETTER**

Second Driver's Name (IF APPLICABLE):
No More Than (2) Drivers Per Car - SEPARATE APPLICATION AND FEE FOR EACH DRIVER REQUIRED !!

PREVIOUS HIGH PERFORMANCE DRIVING EXPERIENCE: (CHECK THOSE APPLICABLE)

	No Previous Autocross or Driving School Experience	
	Some Autocross Experience	How Many Events ____
	Some High Speed Driving School Experience	How Many Events ____
	Advanced Driving School/Racing Experience	How Many Events ____
	(IDENTIFY LICENSES & SCHOOLS ATTENDED)	

Which run group would you prefer to be assigned to ?

____ Novice ____ Intermediate 1 ____ Intermediate 2 ____ Advanced

FINAL DECISIONS ON RUN GROUP ASSIGNMENTS WILL BE MADE BY THE DRIVER'S SCHOOL COMMITTEE

Entry Fees:

BMW CCA Member Non-Member

Driving School (paid before 1/18/03)	\$ 310.00	\$ 345.00
Driving School (paid after 1/18/03)	\$ 325.00	\$ 360.00
Dinner - Saturday	\$ 25.00	\$ 25.00

Total Fee:

\$

Method of Payment:

Check () Visa () Mastercard ()

Card # _____ Exp _____

I hereby authorize BMW CCA to charge my credit card listed above for the total fee indicated.

Print name _____

Signature _____

ADDITIONAL INFORMATION:

Brett Creaser
Days: (602) 344-4775
Fax: (602) 943-5508
e-mail: bcreaser@speedie.net

CHIEF DRIVING INSTRUCTOR:
Bill Bentzen

RETURN APPLICATION & PAYMENT TO:
ROADRUNNER CHAPTER BMW CCA
3331 E. Wood St.
PHOENIX, AZ 85040
FAX (602) 943-5508

Please note:
Credit Card Charges on bill will appear as **CAR CARE LLC**

Please make checks payable to :
ROADRUNNER CHAPTER
BMW CCA



EDITOR'S NOTE

I hope that everyone enjoyed the holidays. This last year brought many wonderful events, and many more are in store for the coming year. We look forward to more involvement with both events and newsletter articles (hint, hint!) If anyone would like to write a particular column please let me know. Once again Happy Holidays, and a wonderful New Year!

Charles Wolfsandle Jr.
RGR EDITOR

TECH TIPS

Keeping your Eta Engine alive and running well

Some suggestions I got from an experienced BMW mechanic

1. The engine is pretty old now, good idea to have the air flow meter re-calibrated and check and adjust the CO.
2. Always use the Bosch Silver plugs, WR9's, gapped to .035" to .040"
3. Cure the infamous lean surge you get under acceleration: disconnect the O2 sensor located at the base of the engine bay battery tray—this works beautifully, by going to the default setting which enriches the mixture (though not enough to affect gas mileage).
4. Help drivability by raising idle speed 100 rpm: by bypassing temperature sensor located beside the battery post on the passenger side firewall—sensor is a button sized device with two wires going to it—when the engine bay gets warm enough it disconnects the circuit causing idle to drop 100 rpm. Remove these two wires and connect them together.
5. Head bolt replacement: if you haven't had it done yet, be sure to have the head bolts replaced, or do it yourself if you're up to it—the torx head bolts cost about \$40.00, are replaced one at a time so there's no major head re-torquing. Original bolts have a tendency to shear off, allowing the head of the bolt to rattle around in there and damage the lifters.
6. If you want a little more power without going to an aftermarket chip, you can boost the ignition timing by disconnecting the wire coded purple and white in the cluster of wires that plugs in to the back of the air flow meter.

I've done all the above except #6 to our 86 325es and found that they work beautifully---

Tom Berg
COLORADO LIAISON AND TOURMEISTER

CLASSIFIEDS

Classified ads are free for NMBMWCCA Chapter members. Only BMW cars, parts, aftermarket ad-ons will be published. All ads will run in one issue and will be removed unless a request is made to run the ad again. Member number must be included in all submissions. Please submit all ads to editor@nmbmwcca.org / subject:Classifieds.

BMW's For Sale

1988 E28 BMW M5
WBSDC930XJ2875111. Schwarz w/Nutra interior. 161k miles, Jet Hot-coated Euro header, Stebro stainless steel exhaust, cam gear, Dinan IV chip, new Bilsteins, Dinan springs/adjustable sway bars, recent Dunlop Sport 5000s, new ECU w/3 year warranty, new radiator, Blaupunkt

Redline

Tucson w/ADS & HK amps & Polk speakers, same owner last 14 years, meticulous service records (valve adjustments/spark plug changes every 15k, Mobil 1 every 5k, etc.), all maintenance records & receipts since new, original window sticker, emissions numbers, wheel alignment specs, only genuine BMW parts used, excellent mechanical and cosmetic condition. Always garaged. Everything works, car needs nothing. Best reasonable offer.
Contact Walt Selva (732) 390-8354, wselva@aol.com (NJ)

1993 318is
(E36) 5-Speed, 115k miles, 2 Door Blk on Blk. Minor interior damage. \$5400 OBO. Contact Skip at (505) 256-3371 or skipsbmw@webtv.net.

1997 528iA
Silver metallic/gray leather, 67K mi., immaculate condition. Dealer maintained. Premium package, foldown rear seat, elec. sunshade, comfort seats, 6 disk CD, side airbags, univ garage sender. Retail BB \$25990. Asking \$24,500. Contact Dean Marvin (505) 463 5520 (cell) or 872 6230 (W) or email to marvind@swcp.com

Parts For Sale

15 inch Snow Tires
Set of four 15 inch Blizzak WS-50 snow tires size 205/60-15 and steel wheels with about 3000 miles of use last year. Purchased from Tire Rack for Z3 but will fit some E36's. \$300
Contact Scott 505-662-1574

1994 3er BBS Wheels
Set of 4 BBS 325iC 15" wheels w/center caps with 2Pilots & 2 TA's past wear bars. \$150.00
Contact Phil (505) 869-6981

E30 TIRES
Four PIRELLI WINTER 210P tires mounted on steel wheels for the winter. Include 4 wheel covers. From E30 M3 (205/55 R15). Z rated for those sunny winter days! make offer.
Contact Charlie cwolfjr@msn.com or (505)356-0999

E30 iX Wheel/ CD player
One (1) BBS factory [dinged] basketweave wheel from '90 E30 325iX. You can ship it to Wheels America www.fixrim.com and have it fixed for \$109, which is still cheaper than the BMW price of \$445 for a new replacement. \$45 CD Changer, factory trunk mounted [sometimes it works], from E30 era [late '80s - early '90s], with two cartridges. Free!
Contact Barry: barrywind@earthlink.net 845-9753

Miscellaneous BMW Parts
Used and some new for all models from 1965 through present. Engines, transmissions, differentials, body parts, etc.
Contact Skip at (505) 256-3371 or skipsbmw@webtv.net.

Mystery Bimmer Revealed



Correctly identified by Joey Martinez:

The BMW 328 Mille Miglia roadster featured the 328's powerful overhead valve six-cylinder engine and a streamlined body made of an ultra-light aluminum/magnesium alloy. It won the event twice, in 1938 (with a class win) and outright in 1940. In the 1940 race, 328's dominated the race, finishing first, third, fifth and sixth.

Mystery Bimmer



Write in with your guess of what this BMW's year and model number is. The first person to correctly identify this car will have their name, as well as information about the car, published in the next issue.

Extra credit for identifying the building that the mystery bimmer is parked in front of!

Send responses to editor@nmbmwcca.org / *subject:Mystery Bimmer* or to the address below.

The *Rio Grande Redline* is the official publication of the New Mexico Chapter of the BMW Car Club of America, Inc. (BMW CCA of NM), and is not in any way affiliated with the Bayerische Motoren Werke AB of North America, Inc. It is published quarterly, and provided by and for the members of the BMW CCA of NM. Unless otherwise stated, maintenance and modification procedures herein are not "factory approved", and their use may void your BMW warranty. Ideas and opinions are those of the writer, and the editors or publishers, who assume no liability for information contained herein, imply no authentication or approval. Articles submitted are subjected to editing. Only the BMW CCA and its chapters may reproduce these contents without permission in writing.

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