

2005  
JAN / FEB / MAR



# The Rio Grande Redline



BMW CCA New Mexico Chapter

[www.nmbmwcca.org](http://www.nmbmwcca.org)

## PRESIDENT'S MESSAGE

Happy 2005 to everyone! I hope everyone had a great holiday season. We had a really exciting fall, with several well-attended events.

Fall Tour. The annual Karl H. Fox Memorial Tour was held on October 17, 2004. The turnout was fantastic, especially considering the tour had been postponed twice due to weather, etc. Dieter Fox and all of his family were the guests of honor. Special thanks go to Thorsten Mauthe for arranging the tour, along with help from Bob Kauffman and Carl Johansen.

The November Tech Session was at Southwest Collision Craftsmen, hosted by Manny Córdova. With a large group in attendance, Manny discussed the effects of a collision on you and your car. As always, he had a great display of work in progress in his shop. Hail can do an amazing amount of damage.

The December Tech Session was at Sandía BMW, hosted by Jim Johnson. Jim is a true expert on BMW's, old and new. Jim discussed the evolution of the M3. He had a BMW 2002 on display, along with three M3's; E30, E36, and E46. We also got an early tour of the brand new Sandía Mini dealership. There were about 60 people in attendance.

During the coming quarter, the chapter is planning two membership meetings and a tech session. The membership meeting is scheduled for Thursday, January 13. .

February 17 is the date of the grand opening for Sandía Mini. We will have more information as this event draws closer.

BMW CCA member Robert Weinberg has just opened his new shop European Automotive Specialists. He will be hosting his first tech session for our chapter in March. As of this writing, I do not have the final details, so please watch your emails.

We will again have a spring tour in April, and the annual clean car show in May.

The Susan Komen drive for the cure will be early this year. Planned for Saturday, April 30, this will be your opportunity to contribute to breast cancer research. How do you contribute? By driving more miles on a brand new BMW!

As always, please watch your e-mail, or check the website for details and updates. I hope to see all of you at one of our upcoming events!

*Jon van Arsdel*

President  
BMW CCA of NM

## CALENDAR OF EVENTS

January 13 6:00 p.m. General membership meeting. The Range Restaurant at 2200 Menaul N.E. in Albuquerque; please watch your email for details.

February 10 6:00 p.m. General membership meeting. A tech session may be substituted for this meeting, but plans are not yet finalized. Details to be announced.

February 17 5:30-8:30 p.m. Grand Opening for Sandía Mini. Mike Houx is inviting all BMW CCA members to come help celebrate the opening of New México's only Mini dealership.

March 24 6:00 p.m. Tech Session. Robert Weinberg, owner of European Automotive Specialists will be presenting his first tech session for the New Mexico Chapter. Robert will be discussing repair issues on middle-aged BMW's. European Automotive is located at 123 Wyoming NE, near Central Ave (Albuquerque). Phone 505-256-3333.

April 24 All Day. The annual NMBMW CCA Spring Tour.

April 30 All Day. The Susan G. Komen Drive for the Cure. Take an opportunity to support a very worthy cause (breast cancer research) and also drive a new BMW.

May 15 The annual BMW CCA Clean Car Show. Do your annual spring-cleaning and bring your car to the show. We will also have officer elections.

June 2005. Tech Session Santa Fé BMW.

Remember to check our web site for  
periodic updates: [www.nmbmwcca.org](http://www.nmbmwcca.org)

## UNDER THE HOOD

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# Redline

## TECH TIPS

### CARING FOR YOUR CAR'S FINISH

#### #1 Keep it CLEAN

- Any dirt or film on your car's finish will hold moisture. This promotes rust or other forms of corrosion and staining.
- Use a good quality automotive detergent. Avoid laundry soaps, as they contain additives you don't want on your car. And unless you want to wax your car after every wash, don't use dish detergent.
- Wash your car in the shade, not direct sunlight. This gives you more time to rinse off the soap and dry the car before the water evaporates and leaves spots. Also, new finishes can be burned by sunlight magnified through water droplets.
- Dry the car after washing and rinsing. Use a chamois or other soft cloth material. This will remove any minerals left behind from hard water.

#### #2 To wax or not to wax?

- Waxes do provide a thin film of protection for your car's finish against pollution fallout, bird droppings and other contaminants. They are not bullet-proof, however, and care must be utilized to avoid spilling gas or other chemicals on the paint.
- Waxes do not last as long as you may think. Drive-through car washes that spray a water-borne wax on, then rinse it right back off, are not very effective. This is a situation where you get what you pay for. Hand- or machine-applied waxes are better, but they will degrade with time and frequent washing. You may need to reapply your wax within a month.
- Choose a wax cautiously. Some brands contain a lot of silicone, which makes for a fast, easy and shiny finish. Easy, but not so good for your car's finish and it can cause nightmares for the painter who may have to refinish your car someday. A good carnauba wax will provide a good layer of protection for your paint job.
- Some people think that waxes provide a superior shine and depth to a car's finish. A clean, polished car will look just as good.
- Tire and rubber sprays, and interior cleaners should be chosen carefully as well, for the same reasons.

#### #3 If possible, park in a garage, carport or shady place

- New Mexico has many great qualities, but it's a tough place on paint. We have a lot of sunny days, and the altitude exacerbates the ultraviolet

WELCOME TO THE CLUB		
Piegzik	John	9/29/2004
Martinez	Gerald	9/30/2004
Mitchell	Robert	10/8/2004
Dorsey	Russell	10/25/2004
Putkaradze	Vakhtang	11/1/2004
Duffy	Thomas	11/1/2004
Wanco	Peter	11/3/2004
Bobb	Kevin	11/4/2004
Asbury	Charles	11/18/2004
Carner	Lynn	11/24/2004
Bartlett	Donald	11/24/2004
Villareal	Gregory	12/6/2004
Trujillo	Leonard	12/6/2004
Danzilio	David	12/9/2004
DiMonaco	Mike	12/9/2004
Robinson	Susan	12/20/2004
Wright	Nancy	12/20/2004

**Sandía Mini**

Sandía Mini will have its grand opening on Thursday, February 17, 2005. It will be from 5:30 to 8:30 p.m., and owner Mike Houx has invited all club members. You will have the opportunity to tour their beautiful new facility, as well as look at the new Minis. We should have more details soon.

Jon van Arsdel

rays. In addition to the ubiquitous dust we're getting more airborne pollutants in the urban areas. These (along with flying gravel) tend to degrade finishes faster here than in most parts of the country.

- Car covers provide shade from sunlight, but they also touch the paint surface. With enough time and movement they will rub through the crown areas of your finish. Care should be taken when storing a car under a cover.

# Recent Tech Session Info

## Evolution of the M3

*Photos by Steve Nowaczek*



2002 tii



E30 M3



E36 M3



E46 M3

## FOREIGN AFFAIRS

MAY 14-15 Sin City Chapter Driving School at the Las Vegas Motor Speedway (newly expanded and renovated 2.4-mile outside road course) For information contact Teri Lachman at [TalonM3@earthlink.net](mailto:TalonM3@earthlink.net) or 702-656-7799. Application will be available in mid-February on the chapter web site at [www.sincitybmwclub.com](http://www.sincitybmwclub.com).

MAY 27-29 5er Fest 2005 An annual event dedicated to BMW e12 and E28 5-Series automobiles and their devoted owners! The 2005 event will be held at the BMW Zentrum in South Carolina. Events to include technical sessions, autocross, group photo, awards and trophies, factory tours, banquets, parties and more! Details and information available at the 5er Fest 2005 Web site: <http://www.5erfest2005.org>

*More information on these and other events is available on the club's website calendar: [www.nmbmwcca.org](http://www.nmbmwcca.org).*

## GREATER PERFORMANCE, GREATER SAFETY, GREATER COMFORT THE NEW BMW 3 SERIES

Woodcliff Lake, NJ - October 26, 2004 ... Sport sedan enthusiasts everywhere will soon have cause to celebrate an automotive landmark. Next spring the all-new BMW 3 Series will make its world debut at the Geneva Motor Show, followed by its North American debut at the New York Auto Show. As with its predecessors, the fifth generation BMW 3 Series raises the sport sedan benchmark – decisively and significantly. Continuing to improve a concept that BMW pioneered more than forty years ago, the new 3 Series offers greater performance, safety and security as well as greater comfort and convenience.

### *Groundbreaking six-cylinder with light-weight magnesium crankcase*

The new 3 Series will enter the U.S. market in summer of 2005 with a choice of two in-line 6-cylinder engines, continuing a 3 Series tradition. The all-new 3.0-liter unit in the 330i offers a significant increase in performance. It is rated at 255-horsepower (SAE), a 30-horsepower increase over its predecessor.

In BMW's ongoing pursuit of weight reduction, this engine is the first in large-scale series production to use magnesium which, compared to aluminum, is 30 percent lighter. Magnesium is used in the crankcase, the crankshaft bearings and the cylinder head cover.

This engine is also the first six-cylinder to use BMW VALVETRONIC. With infinitely variable valve lift in place of the traditional throttle butterfly, this system improves both throttle response and fuel efficiency. Like previous BMW engines which have incorporated VALVETRONIC, the gains are impressive. In the case of the 330i, horsepower increases by 13%, while fuel consumption decreases by 12%. This unique technology works in tandem with BMW's double-VANOS variable valve timing for both intake and exhaust camshafts. The new 330i will accelerate from 0 – 60 mph in approximately six seconds.

### *Six-speed transmissions on both models*

Both models will be offered in the U.S. with a choice of a standard six-speed manual transmission or optional six-speed STEPTRONIC automatic transmission. The benefits of a six-speed manual in terms of acceleration, cruising comfort and fuel efficiency have been demonstrated in the previous 330i. These same benefits have also been proven on other BMWs which offer the new six-speed STEPTRONIC automatic. Those benefits will now be available to all 3 Series drivers.

### *Starting the engine at the touch of a button*

The 3 Series is the latest BMW to feature the convenience of a start button. After firing up the engine at the touch of a button, all other functions operate seamlessly.

*The standard for handling and agility is raised once again*  
Reflecting BMW's rich heritage, the new BMW 3 Series Latest generation DSC offers additional benefits

### *The standard for handling and agility is raised once again*

Reflecting BMW's rich heritage, the new BMW 3 Series continues some long standing traditions – engine mounted longitudinally up front, drive power to the rear wheels and near perfect 50:50 balance of weight over the front and rear wheels. These have contributed to the 3 Series well-earned reputation as the best handling sports sedan on the market.

Several enhancements will ensure that this new 3 Series lives up to its reputation. Like other BMWs, the new 3 Series gets a double-pivot front suspension for improved responsiveness. The newly developed suspension is made of aluminum to further improve responsiveness and comfort by reducing unsprung weight. A new five-link rear suspension contributes to the improvement in handling and comfort. The new rear suspension is made of lightweight steel, which also contributes to the overall reduction of unsprung weight.

### *Active Steering: unique in this segment*

The new 3 Series becomes the first car in its class to offer anything approaching the benefits of BMW's unique Active Steering. This stand-alone option provides a more direct steering ratio at low speeds for greater maneuverability and a progressively less direct ratio as vehicle speed increases to improve high-speed stability. This solves the traditional trade-off between agility, stability and comfort with non-active steering.

In the new 3 Series, BMW Active Steering has been enhanced to provide an additional active safety benefit. Whenever the driver applies the brakes hard on surfaces with varying frictional coefficients – such as intermittent mud, ice or snow – Active Steering will intervene to help stabilize the vehicle even more quickly and seamlessly.

### *Latest generation DSC offers additional benefits*

BMW's latest Dynamic Stability Control (DSC) incorporates new features which provide the driver with even more benefits. A new brake-drying feature can improve braking in wet weather, detected using the rain sensor and/or wiper activity, by gently rubbing the brake pads on the rotors to help keep the pad surface dry. A new Brake Standby feature can reduce braking response time by readying the brakes for application whenever the driver abruptly lifts off the accelerator pedal. By anticipating a sudden stop, Brake Standby can shorten stopping distances. The new Starting Assistant feature is designed to prevent rollback when starting off on a grade without having to use the brake pedal or handbrake.

All of these features will ensure that the BMW 3 Series will maintain its leadership, not only in handling and responsiveness, but in active safety as well.

### *The BMW 3 Series – the quintessential sport sedan*

The design of the new 3 Series is at once bold, dynamic and elegant. Positioned right in the epicenter of BMW's modern design spectrum, the 3 Series fits comfortably between the sportiness of the Z4 and the elegance of the 7 Series.

Compared to the outgoing model, more generous exterior dimensions ensure even greater spaciousness and comfort for all passengers. At 178.0 inches, the length increases by 1.9 inches. The width at 71.5 inches increases by 3.1. Vehicle height is 55.9 inches, an increase of 0.24. The wheelbase is 1.4 inches longer at 108.7.

**Redline**

### *Body shell improvements: lighter, stiffer, safer*

Not only is the body shell of the new 3 Series larger it is also designed for greater stiffness, leading to improved comfort and safety. A new joint and crossbar concept for the car's load-bearing structure increases body stiffness by 25 percent without increasing the car's weight, thanks to intelligent lightweight engineering through the use of more highly developed steel and molding technologies.

### *The safest 3 Series ever, particularly in side impacts*

The new 3 Series is designed to achieve the best results in the very demanding EuroNCAP crash test. It is also one of the first cars in the world fully prepared for the demanding U.S. side impact standards, as well as the high-speed rear impact test. The list of passive safety features includes intelligent front driver and passenger airbags, hip/thorax side airbags and the BMW Head Protection System in curtain form.

### *Proven technology for an extra measure of safety and security*

Two-stage Adaptive Brake Lights enlarge the brake light area in hard braking or whenever ABS is activated. This brighter warning can help following drivers to react more quickly. Runflat tires come standard. In the event of a puncture, the driver can continue for up to nearly three hours at speeds up to 50 mph, allowing him or her to get the tire repaired or replaced in a safe and secure area by skilled personnel.

The new 3 Series will be available with optional Xenon Adaptive Headlights. The previous BMW 3 Series was the first vehicle to offer these lights, which turn slightly whenever the front wheels turn. Greater illumination around bends improves visibility, particularly on winding roads.



Steve thought, "If that stupid horse can carry the Bronco's flag, why can't my mighty steed carry the BMW flag?"

## **CLASSIFIEDS**

Classified ads are free for NMBMWCCA Chapter members. Only BMW cars, parts, aftermarket add-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](mailto:editor@nmbmwcca.org) / *subject:Classifieds*.

### **Cars For Sale**

#### **1994 325i**

Blue with gray leather. 96k miles. 2 owner, AT, alloys, moonroof, trip computer, 6-disc changer, new tires. Locally serviced. \$9500. Call Chris Eagan 379-1119.

#### **2001 M5**

Silver with black leather. 34k miles. 1 owner. 6 speed, park assist, radar detector. Serviced by Sandia BMW. Call Chris Eagan 379-1119.

### *Interior: Modern and purposeful*

The new interior reflects the modern ambience seen in other recent BMW designs. The interior is more spacious and more luxurious for drivers and passengers alike. The driver is also offered an environment that is designed to enhance the driving experience. As before, an onboard navigation system will be available. In the new 3 Series the system will include BMW's iDrive control system for convenient operation.

### *Get in and go without a key*

The optional Comfort Access makes the conventional ignition key a thing of the past. A uniquely coded transmitter, referred to as the ID Sensor, enables the driver to enter the car with the ID Sensor in a pocket and start the engine by pressing a button, without ever touching the ID Sensor. The ID Sensor, in conjunction with Key Memory, sets the driver's preferences for power seat position, mirrors, automatic climate control and, if equipped with optional iDrive, the radio station presets.

### *Luxury class infotainment systems*

The new 3 Series is able to take advantage of the full range of BMW's information and entertainment features. The DVD-based onboard navigation system provides quick and accurate route planning and destination information. The standard AM/FM/CD/MP3 sound system can be upgraded to include the Logic7 surround sound system, as offered in the 7 Series. The listening experience can be enhanced further with the availability of SIRIUS satellite radio. The available Premium Package will include BMW Assist which provides emergency calling and BMW Roadside Assistance. Subscribers may also take advantage of a whole range of travel-related services.

The new BMW 3 Series will once again raise the sports sedan standard.

**Sonic  
Bimmer Burger Night**



*Not a NMBMWCCA event.  
Everyone welcome.*

**Join fellow enthusiasts for  
Burgers and Chat!!  
3rd Sunday of every month  
4 - 6pm.**

**Sonic Drive In  
5000 San Mateo NE  
(between Montgomery and  
McLeod on the east side of San  
Mateo)  
Albuquerque, NM 87109.**

**Don't forget to write...**

As the Chapter continues to grow and evolve, some changes need to be made. With over 330 members plus associates, getting current information about upcoming events to members is crucial. The email list has about 200 addresses on it. Please send an email with your current email address to:

webmaster@nmbmwcca.org  
Subject: Email Address Update

I can make the changes as needed, but if you change internet providers or email addresses, please let the chapter know. This way our database stays as current as possible. Thanks.

Your NM Chapter Webmaster, Steve Nowaczek

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