



The Rio Grande Redline

BMW CCA New Mexico Chapter www.nmbmwcca.org

JC Chip vs. Dinan vs. Stock at Watkins Glen

From your Newsletter Editor...

Found this on the Net and thought it might interest those thinking of doing a chip upgrade.

I just came from our chapter sponsored driving school at Watkins Glen (July 10-11) and performed some chip comparisons...

We did NOT do any timed comparisons YET. This was done to avoid the errors associated with weather conditions, tire adhesion, braking point, driver ability, etc. There were just too many uncontrollable variables associated with timing a car.

We used two identical 1995 E36 325iS. In fact the cars are EXACTLY the same down to the color and options!!! Anyway for those familiar with Watkins Glen, there is a very nice full throttle acceleration section starting on the straight before the "esses" and ending at the end of the back straight. Top speed in 4th is between 115 and 120 mph.

Our comparison involved visually identifying which car accelerated faster through this section. We took A LOT of data points. One car was the "control unit" and the other was the "experimental" unit. Both cars had the same amount of gas and about the same weight according to the scale at the Glen. The control car and the experimental car would swap positions (who was in front and who was in back) and see which car would out accelerate the other.

STOCK: With both cars in stock form (but with K&N filters), the cars were dead even in acceleration.

SNOUT REMOVED: With the Jim Conforti (JC)

chip and the snout coming from behind the grill to the air box, the stock car was slightly FASTER but still noticeable. With the Dinan chip, the Dinan was barely slightly faster than the stock.

SNOUT REPLACED: The JC chip was noticeably FASTER than the stock car. The DINAN was significantly MUCH FASTER than the stock car.

STREET IMPRESSIONS: The JC chip feels much better than the Dinan on the street. It seems to have better and stronger throttle response in the low/mid rpm range than the Dinan. The Dinan seems to pull faster towards the higher rpms (5-6.5k rpms)

We also had the chance to do a one time test against an AutoThORITY (AT) chip equipped car with the Korman Ram-Air intake on a much longer stretch of road. The AT chip/Korman Ram intake car was able to significantly walk away from our Dinan chipped car up until the higher rpms. Our Dinan chipped car very slowly crept back up to the AT car in the 6k+ rpms. Note, however, that the AT equipped car was much heavier by about 130 lbs... According to the owner of the AT car, the Ram-Air definitely helped a lot although, this was "by the seat of the pants".

My own personal conclusion is to go with the Dinan chip at the track and the JC chip on the street. But

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UNDER THE HOOD

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Remember to check our web site for periodic updates: www.nmbmwcca.org

President's Message

by Jon van Arsdel

April 2007

Spring is finally here! After a long and rather difficult winter, the snow is mostly melted (at least in the inhabited areas). The spring has (so far) been amazingly benign. Allergy season is in full swing (cedar pollen). I am sneezing like most other people here in Albuquerque, so you may wish to sanitize this newsletter before you read it. You may also wish to change the dust and pollen filter in your BMW.

This past quarter, we had a tech session and two membership meetings.

Our membership meetings in January and February were at The Range Café. We all had a chance to visit with regular attendees, as well as some new faces. As usual, dinner was great. Thank you to Matt DiGregory (co-owner of The Range), who is a longtime member and supporter of the BMW CCA.

The March 15 tech session was at Mesa Radio in Albuquerque. Owner Mike Robinson discussed Car Stereos, Navigation systems, Alarms, Radar Detectors, and several other electronic toys for your BMW (just in case the iDrive isn't challenging enough). Mike also discussed the laws regarding detectors and jammers, both radar and laser. Thank you to David Penasa and Todd Tabb for coordinating this event, and thank you to Bob Kauffman for arranging the delicious food.

Upcoming events will be the Spring Tour, the Clean Car Show, and a meeting.

The annual Spring Tour is planned for Saturday, April 28th. Dan Flegel will be the tourmeister. The route will be through the scenic mountains of southern New México. We will announce more details in the near future.

The annual Clean Car Show will be on Sunday, May 20th. Bob Kauffman will be the coordinator for this event.

The June tech session has been postponed, and we will have a membership meeting. This tech session is normally hosted by Andy Caperones and Santa Fé BMW. Due to ongoing construction at the Santa

Fé dealership, they will not be able to have a session. We will try to reschedule this event later in the year.

As is our normal custom, food will be a part of the above events.

The New México chapter of the BMW CCA is always looking for event leaders, and also officers for the board of directors. If you are interested, please notify someone on the current BoD.

As always, watch your email for changes and updates to the events. You can also check www.nmbmwcca.org for additional information.

I hope to see each of you soon!

Jon van Arsdel
President
BMW CCA of NM

CALENDAR OF EVENTS, TOP OF PG. 4

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BMW ///Motorsports

the Dinan chip is definitely faster from what I've seen. I believe that the Dinan would even be faster with the Ram-Air intake - which is why I have these parts on order..... For a cost of \$64 shipped, I can't go wrong!!! Removing the snout that comes from the grill and into the air box DEFINITELY REDUCED performance. But the increased audible growl did provide a significant psychological advantage.

Please note that I have neither affiliation with JC or Dinan nor do I aspire to. The results noted above were just the facts. I currently have a Dinan chip for my car...BUT I'd still like to get a hold of a JC chip for my car to drive on the streets (up until I get the supercharger)! Yes, it does feel better.

BUT...Just how good is a product if you can't get a hold of it?

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Back Seat Driving

*Todd Tabb has moved on and left a very important part of the chapter vacant. **Newsletter Editor.** If any chapter member has some desktop publishing, newsletter editor, or just some writing experience and would like to volunteer, please contact any board member or email the webmaster@nmbmwcca.org. Best of Luck Todd!*
Bill Kurey has stepped forward!!! So keep your eye open for your next Newsletter.

Steve—Webmaster@nmbmwcca.org

**Tech Tips -
 from Autohaus Arizona, Inc.**

Check Your BMW's Hoses

Old radiator hoses or loose clamps can cause a coolant leak, which will lead to overheating and expensive repairs. Check hoses periodically and replace them if they're aged or leaking. Here's how to check your hoses:

1. Locate the radiator - it's always at the front of the car.
2. Locate the radiator hoses. Two hoses should be attached to the radiator - an upper hose at the top and a lower hose at the bottom.
3. With the engine cold, squeeze each hose. If the hose feels "crunchy" or brittle, it's old and needs replacing. Repeat this for any other hoses your BMW may be equipped with.

Welcome New Members

Chen	Neil		
Olivas	David	740i Sport	2000
Hoffman	Lou		
Davis	Ricky	x5	2007
Arnold	Leslie		
Salava	Luke	540it	2000
Lucero	Michael	528it	1999
Jorgensen	Greg	550i	2007
Van Cleve	Sue		
Primas	David	Z4	2003
Henschel	Sean	545i	2005
Koppmann	Margaret	X5	2001
Mitchell	Thomas	330i	2006
Copeland	Chris	740il	1996
Damascus	Emanuel	325i	2002
Muszynski	Robert	X3	2007
Harris-Kistner	Collen	645ci	2007
Rodriguez	Jesus	M3	2004



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On the Docket

April 28, 2007. Spring Tour

May 20. Clean Car Show

June 7. General Membership Meeting

July. Membership Meeting

August. BMW/Porsche challenge



News from National

SPRINT ANNOUNCES NEW DISCOUNTS AND FREE BMW CCA MEMBERSHIP OPPORTUNITY

Thanks to everyone who participated in the Sprint Survey last month. BMW CCA and Sprint/Nextel are working together to bring **huge** savings to BMW CCA members.

Sprint has increased the monthly service discount to 15% and has added several new promotions to provide members with additional benefits.

- A free accessory pack, including leather case or holster, vehicle adapter and ear-bud for each new phone activation
- Sprint will **sponsor a 1-year BMW CCA membership (new membership or renewal) for any new order placed** via the website or toll-free number listed below.

Don't miss this opportunity! New website and contact numbers: <http://www.sprint.bz/bmwcca>
Toll Free: 866-385-8891

In FORTUNE magazine's surveys, BMW was ranked #1 in Innovation, people management, use of corporate assets, quality of management, financial soundness, & quality of products/services. <http://money.cnn.com/magazines/fortune/globalmostadmired/2007/snapshots/6719.html>

BMW of North America will underscore its commitment to alternative fuels at TechFest 2007 when it showcases a diesel racecar, the 335d, that ran in the 25 Hours of Thunderhill last fall. [TechFest](#) runs Thursday to Sunday, March 22-25, in Tacoma, WA. TechFest is the club's largest technical gathering each year and second largest overall, after Oktoberfest. TechFest includes a keynote speech Saturday night by Car and Driver Editor Csaba Csere.

The #34 335d is one of two 3 Series diesel racecars entered in the 25 Hours of Thunderhill race last fall. (See March Roundel for details.) Both started life at 330d European models that got twin-turbo 3.0-liter engine transplants, making them 335d's. They were raced by a combination of Car and Driver editors and BMW pro racers such as Bill Auberlen and Joey Hand. In addition to run-



ning diesel racecars in select events, BMW is committed to bringing diesel passenger cars to the U.S. in 2008, now that low-sulfur fuel is readily available and diesel BMWs can meet pollution limits in all 50 states.

More Tech Tips Courtesy of Don Gale

Trunk latch won't open? E32, E34

If the button pushes in freely without feeling like it's engaging with the latch, then the actuator link rod needs adjustment. If it won't open at all, then make repeated attempts to lock & unlock it with the key & keep doing it until you can feel some resistance when pushing the button. Push down on the trunk lid at the same time when trying to unlatch it. Once inside, remove the carpet jack cover to expose the actuator & adjust the actuator until the metal tab engages with the plastic lever. With mine, the plastic lever would slip off the side of the metal tab & the latch mechanism would never engage. Adjust it until it works all the time. The actuator adjustment screw holes are slotted. Bend the link rod if required to get more range of adjustment.



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: webmaster@nmbmwcca.org subject: *Classifieds*. Ads may be edited due to space limitations. There is also the free classifieds section on the chapter website for you to use.

BMW's FOR SALE

- 1995 M3—Alpine white/black leather, 65k miles, 5 speed, 6 cd, heated seats, factory wing, new Hamann HM3 wheels, original motorsport wheels, precise maintenance, driven on weekends. \$14,000. Doug 915-525-4715 dssr47@aol.com
- 1989 325i Convertible, Red / Black top / Black interior, 5-speed, 96k miles, \$4200, Grafton, (505) 217-9286, graftonkr17@yahoo.com

PARTS FOR SALE

- Wheels for Sale—7 J x 15 H2 Alloy Wheels [4] with lug nuts, hub caps with BMW emblems, and 2 hub wrenches. Fair appearance, no damage to wheels or rims. \$85.00 each or 4 for \$320.00. Paul Hendel @ 505-883-3084.

*** Please email editor@nmbmwcca.org any items you would like to place in the classified section, I need them at least 10 days prior to the quarterly closeout, the next deadline is 15 Jun 07. Thanks!

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Tech Tips -

4. Check the clamps at either end of the hoses. If the hose is damp or wet at the clamp, tighten or replace the clamp. The clamps should be tight enough that the hose cannot be turned or moved.

5. Check the hoses for cracks, tears or frayed ends. If you find any, replace the hose immediately.

It's always a good idea to replace the upper and lower radiator hoses whenever you replace your water pump or radiator.

A Few Important Things to Remember

Heed these cooling system maintenance tips and you're well on your way to ensuring your cooling system won't let you down:

BMW Engine Compartment Tip

#1: Keep your engine and engine compartment, as well as your radiator fins and grill, as clean as possible. A clean engine runs much cooler - and it's much easier to work on.

BMW Coolant Tip #2: Replace coolant at or before factory recommended intervals with the proper type, mixture and volume of coolant. Always allow the coolant system to rid itself of air before installing the radiator cap.

BMW Cooling Hose Tip #3: Replace all cooling system hoses - upper and lower radiator hoses, bypass hoses, heater hoses, manifold coolant hoses and any other hoses on your vehicle - whenever you even suspect there may be a problem. All hoses should be replaced at least every two years.

Redline

WEB LINKS FOR THIS ISSUE

www.mesaradio-nm.co
www.bmwcca.org
www.sandiabmw.com

Are the wheels for sale??



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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