



Consumer Reports Awards BMW 328i Sport Sedan Top Pick

BMW 328i continues to define the sport sedan.

The 2014 BMW 328i Sedan has just won Consumer Reports Top Picks 2014 Award for the Sport Sedan Category. BMW is justifiably proud, citing the 328i's customary high levels of performance and handling, helped along by the car's 240-horsepower BMW TwinPower Turbo inline four-cylinder engine and six-speed manual or eight-speed Steptronic gearboxes.

Consumer Reports examined 260 vehicles in the process of selecting

their 2014 Top Picks in ten categories. According to the magazine, each winner is "an exceptional, well-rounded vehicle." CR continued, "They have excelled in our testing, are reliable, and have performed well in independent crash tests. In other words, it's hard to go wrong with any of them."

Consumer Reports Top Picks are selected based on criteria in three areas. The vehicle's test performance must be at or near the top of its class; each vehicle must have an average or higher reliability rating; and each vehicle must prove its safety by performing

adequately in government or insurance industry crash or rollover testing. The 2014 BMW 328i met these requirements on its way to being selected the 2014 Top Pick for Sports Sedan. It seems kind of unfair since BMW has been building the defining models of sports sedans for decades. The 2014 328i continues that tradition. According to Consumer Reports, it "delivers excellent handling and a high fun-to-drive factor." CR also cites the car's luxurious interior, roominess (especially in the front), fuel efficiency (28 mpg overall and best among gasoline-powered cars in its class), and fit and finish.

PRESIDENTS CORNER

We had to wait until the new ownership of the Shooting Star was in place. Now we can finalize the May event in Escalante. This is going to be a premier event and an unusual experience for most of us. The Shooting Star rents vintage Air Stream trailers, has ATV rentals and shows movies in the Escalante area. This location is close to the Grand Staircase, Capital Reef National Parks and Dixie National Forest. Please make your reservations for May 10th.

Our Summer BBQ is on June 7th. This has been a great time to meet and talk. We hope that Pro-Dent will again come and make our cars perfect by getting out those annoying dents that happen from rocks and parking lots.

We are trying a new venue for our Christmas party this year. We are going to J. Wong's Asian Bistro this year. This is to try something new and less expensive. Please let us know what you think but we are committed to this change this year. The date is the Saturday, December 6th. Please put it on your calendar. The Chapter will be buying appetizers and there will be a social gathering before dinner. We had a board meeting at J. Wong's and let me tell you there is something for every taste.

We hope to see you at these events.

Do you have a suggestion for another event? Many of the best events are suggestions from the membership. Our last tech session was a suggestion by Dan Ernst who also organized the event at Integrity with the help of Integrity's staff. Another event that is being tried this year was suggested by Rick Gelhart. Mr. Gelhart suggested that we get some of us to run our cars in the Park City Labor Day Parade. More details to come on this event as things get closer, but you should let me know if you are interested in participating. Thank you Mr. Gelhart for this suggestion and we are all hopeful that this will be a successful event.

Again, thank you Dan for organizing the Integrity event. I, for one, have a much more clear understanding of how the VANOS works and I learned much about the various three series. Seeing an e30, e36, e46 and e90 all lined up on racks was a great learning experience. Also, thank you Scott Adair for bringing your new 1988 e30 M3 and putting it on the rack. What a great car; we hope to see your new car and you at many events. (For those of you not there or who don't know me well, you should know that I really like e30 M3s).

Many of you know we have a new Membership Chair, Cynthia formerly Olsen now Dejong. Please congratulate Cynthia and Tommy when you see them next as they just were married. We also have another new board member, Daniel Archer who is stepping up to be our Social Media Coordinator. With the forethought and effort of our Vice President, David Egleston, the Chapter has created a Facebook profile. The chapter will be posting it's events on the Wasatch BMW CCA Facebook page rather than having a member post them for us. Dan and the Chapter will be reaching out on Facebook and possibly in other media to grow and involve the membership. Craig Smith has also expressed interest in getting involved but is concerned about his other responsibilities. Please welcome and encourage these new board members.

The Chapter is also looking at a means to reduce costs. When you really want to affect change you need to look at the biggest area you can change. Our Chapter's biggest cost item is our newsletter. If we can reduce printing and postage cost we will have more money to spend on the membership. National policy on email delivery of the newsletter is: If your chapter decides that its preferred method of newsletter delivery is electronic, it must pick a specific date on which it will begin electronic delivery. Inform the national office of that decision. At that time, chapter members with e-mail addresses will have their delivery preferences shifted to "EMAIL." The National Office will then inform those members with e-mail addresses of your decision and explain to them that, at their option, they can request a printed newsletter by changing their preferences on the National website. You must then include a notice in your newsletter informing your membership of the change.

NOTE: Those members who do not have e-mail addresses will NOT be moved to electronic delivery. You MUST deliver a printed newsletter to those members who request "USMAIL" on your monthly chapter export or mailing label report.

In the cost cutting vein we are changing the newsletter to a black and white format for mailing. We will have a color format in the email and additionally on our web page. The date of this change will be picked next quarter.

We are not just looking forward to another great year but are now in the middle of one.

Thank you,
Craig

NEW AND RENEWING MEMBERS

JAN 2014

Michael Alessandro
Jeff Blonder
John Greenwood
Steven Lawless
William Toby Levitt
Austin Madsen
Zach Zitterkopf
Craig Smith
Roopam Kakoti

FEB 2014

Jack Schiefer
Brandon Blodgett
Jason James Day
Max Dufford
Todd England
Anna Esrnst
Curt J. Howes
James M. Moses
Devinder Singh
Kurt A. Staudacher

MARCH 2014

James McNally
Dave Tanner
Daniel A. Archer
George C. Hamilton
Michael Garmon
Sam Hurlly
Doug Keates
Richard Kennedy
Craig Sherman
Jarom Smith
Francis Wilson

BOARD MEMBERS

President - Craig Hawe

wasatchbmwcca@gmail.com. 801-824-5997

Vice President - David Egelston

wasatchbmwcca@gmail.com. 801-575-6640

Secretary - Tom Oesleby

wasatchbmwcca@gmail.com. 801-363-1608

Treasurer - Tommy DeJong

wasatchbmwcca@gmail.com. 801-580-4001

Membership Chair - Cynthia Olsen

wasatchbmwcca@gmail.com.

Social Media Coordinator - Daniel Archer

wasatchbmwcca@gmail.com.

Webmaster - Nean Hawe

wasatchbmwcca@gmail.com.

Newsletter Editor - Lee Wagstaff

wasatchbmwcca@gmail.com. 801-661-4403

Newsletter Submissions

We welcome your stories, suggestions, technical tips, photos, questions or comments that would be of interest to your fellow club members. All reasonable submissions are considered and are needed. The editor reserves the right to edit for length, quality and good taste. Please include your contact information so we may contact you if significant editing is necessary. Please send your submissions to the Editor through email, phone or the Wasatch Chapter address. The Switchback is published quarterly. Deadline for submissions is the 25th day of the preceding month.

How to Join BMW-CCA

Call 1-800-878-9292 for credit card orders. Membership cost is \$48/year which includes a subscription to the Roundel and Switchback as well as all other Club Benefits. You may add another person in your household for \$5 so they can enjoy full Club benefits as well, except they won't get their own Roundel. Send your change of address to BMW CCA, Inc., 640 South Main St, Suite 201, Greenville, SC 29601 or fax 864-250-0038 or www.bmwcca.org. (ph-864-250-0022).

BMW CCA Benefits

Discounts on parts, supplies, free advertising in the Roundel and BMW CCA website, library and video services, help from technical and maintenance experts, a Value Information Coordinator to help with insurance claims, purchases or sale of your BMW, Ombudsmen to assist you with BMW dealers and suppliers, Special Interest Groups listed in the Roundel.

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BMW VEHICLES HAVE ALL-WHEEL DRIVE!

In January I leased a new 2014 BMW 320i xDrive. It is my 21st BMW and carries on the tradition. Much to my dismay, people who ordinarily are fairly astute would ask me why I didn't get a car with all-wheel-drive. Or even worse "you could have gotten all-wheel-drive in an Audi". This causes some concern in that BMW has been advertising All-Wheel Drive in their vehicles for over 15 years. IN FACT; BMW xDRIVE IS THE BEST-SELLING PREMIUM ALL WHEEL DRIVE SYSTEM IN THE UNITED STATES.



To set the record Straight...

Before xDrive, BMW offered 4WD as an option in the 1980's in the 3 series and the 5 series. The system had a planetary center differential with a permanent 38-62 (front-back) torque split. Both the center and rear differential had a viscous lock which would engage automatically if slippage occurred (one shaft rotated at a significantly different speed compared to the other). The front differential had no lock of any kind.

4WD was offered again in the 2001 X5 and 3 series. The system was similar to the earlier system except without any of the locks. Instead, the DSC system would brake the slipping wheels, helping transfer power to the wheels with traction.

Xdrive...

Instead of a permanent torque split (which the earlier systems feature), xDrive provides variable torque split between front and rear axles through the use of a multi-plate wet clutch located in the gearbox on the output to the front drive shaft. This setup allows xDrive to modulate the torque split between the front and the rear axles, which is normally split at 40:60 ratio. If wheel slip is detected by the ABS/DSC system, xDrive can react within a tenth of a second to redistribute up to 100% of the engine power to the front or rear axle. The wet clutch is applied through a high speed electric servo motor turning a cam shaped actuator disc.

xDrive is connected to the ABS and DSC systems. In the case that wheelspin or directional instability still occurs while xDrive is or has been modulating the torque split, DSC will brake independent wheels to regain traction and improve directional stability without driver intervention. The front and rear differentials in xDrive vehicles are an open differential design, thus relying on brake application by the DSC system to transfer power from the slipping wheel to the wheel with traction.

BMW gradually expanded the availability of xDrive across its

lineup to better compete with Audi's quattro and Mercedes-Benz's 4Matic. xDrive was introduced in 2003 with the new X3 and the refreshed BMW 3 Series (E46). The first application of xDrive on V8-powered BMW cars was on the 2010 BMW 750i xDrive (F01), 2010 550i Gran Turismo xDrive (F07), and the 2011 BMW 550i xDrive (F10).

xDrive was first used on BMW M vehicles starting with the 2010 BMW X5 M and X6 M.

BMW's Dynamic Performance Control torque-vectoring system works in unison with xDrive all-wheel drive and Dynamic Stability Control. DPC is a drivetrain and chassis control system that works to regulate traction and especially correct over- and understeer by actively spreading out drive forces across the rear axle. Torque is split not only between the front and rear wheels (xDrive) but also from side to side at the rear for improved agility and added stability (through the DPC rear axle). DPC works at all speeds and normal driving, not just during hard cornering, in order to steer the car. DPC also interfaces with DSC to initially try to correct the vehicle's path using torque vectoring which results in smooth turns, whereas DSC by itself would only reduce engine power and apply the brakes to steer the vehicle.

The DPC differential features clutch packs on both output sides that are actuated by an electric motor. The clutch pack activates a planetary gear set which causes one wheel to be overdriven. A conventional control system will use the brakes to reduce the speed of the faster-moving wheel (which is the one with less traction) and reduce engine power. This leads to increased brake wear and slower than optimal progress. In contrast, the DPC system speeds up the slower moving wheel (the one with the most traction) in order to maintain stability when needed. For example, while turning, the outer wheel is overdriven to provide greater acceleration, using the traction advantage through the dynamic loading of the outboard wheel in cornering. Meanwhile, in an oversteer situation, the inner wheel is overdriven to regain traction balance.

(continued on page 4)

BMW All-Wheel Drive continued

The first application of DPC was introduced on the BMW X6, which began production in 2008 as a 2009 model, where it is a standard equipment. A test found that the X6 feels hundreds of pounds lighter on its feet than an X5 without DPC due to the benefit of DPC even though both vehicles have similar chassis dimensions. The BMW X5 M high performance variant also has standard DPC.

I have driven three BMW vehicles with All-Wheel-Drive. Two X5's and My current 320i xDrive and I only have one word for it....MAGIC.

Information for this article was taken from whikapeadia, BMW technical brochures.

Desert Edge Brewery Tour and Dinner...



The Club's February event took us to the Desert Edge Brew Pumb in Trolley square. Michael Fueller, our tour guide, explained all the steps in making beer and how the wheat, hoops, and yeast effect the taste of beers. The making of beer is a real art and the brew-meisters have a love for the creation of the beverage much like we have a love for our cars.

After the our we sat down and treated ourselves to the culinary delights of the Desert Edge and best of all the tasting of their premium offerings. Our takeaway was making great beer is a true art and hard to do. The brewers at Desert Edge are supurb at brewing premium beers and we are good at drinking it.

Integrity First Automotive



Damian Shaw, Manager of Integrity First Automotive, 8020 S. 1300 West, assisted by technician Tyler gave one of the best presentations the club has ever had from an independent repair company. He explained the technical advances the BMW 3series cars have made throughout the E30, E36, E46 and E90 models. This is a great help when you want to buy a used BMW. What areas are weak, what areas are strong. As you can imagine, as the models got newer the technologies advanced at faster rates. Damian stated BMW and other German Auto Makers lead the industry in technology. In the first few years of a new technology there can be some problems. The Japanese makers wait from 3 to 5 years then add the technology to their cars. That is safe but not cutting edge. Then Tyler showed us how to rebuild the VANOS system. it would take more space than 3 years of this publication to list and explain everything that was covered at this event. That is why you should plan to attend these events. Even if you are not mechanically inclined you will learn enough to know why your technician recommends certain maintenance and how to talk intelligently with him regarding it...(maybe).

Protect your Investment!



Total car care for all model year BMW and MINI Vehicles



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Special prices For BMW CCA members

Brake Fluid Flush **\$60**

MINI Oil Change **\$75**

BMW 6 Cylinder Oil Change **\$87**

BMW 8 Cylinder Oil Change **\$97**

All oil changes include 21 point inspection, brake check, tire pressure check and topping off of all under hood fluids (coolant, power steering, brake fluid).

Prices are not applicable to M, Turbo and Diesel models.

(tax and shop supplies extra)

For an appointment call:

801-485-4565

Discounts Given to Club Members

Just show your Membership
Card to:

BMW of Murray

10% discount on parts

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Events

date	day	time	where	other information
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**Coffee
Cocoa
And
Cars**

May 3	Saturday	10am	Pierre's, 3239 East 3300 South
Jul 26	Saturday	10am	Beans & Brews, 675 West South Jordan Parkway
Aug 2	Saturday	10am	Pierre's, 3239 East 3300 South
Sep 6	Saturday	10am	Pierre's, 3239 East 3300 South
Oct 4	Saturday	10am	Pierre's, 3239 East 3300 South
Nov 1	Saturday	10am	Pierre's, 3239 East 3300 South

Meet other club members in a casual setting. Talk about your car, learn information on theirs.

Spring Event	May 10	Saturday		Shooting Star Drive-In, Escalante Utah (Details are be posted on Website)
Summer BBQ	June 7	Saturday	10:00	Sugarhouse Park, Hidden Grove Pavilion, lunch will be served, bring the kids.
Oktoberfest	Jun 16-20			Beaver Creek Colorado See national website
Summer Drive	Jul 19 or 20			(Details to be posted on Website)
General Meeting	Aug 13	Wed	7 pm	Bohemian, 94 East 7200 South
Labor Day Parade	Sep 1			Park City (Details to be posted on Website)
General Meeting	Oct	Date-TBD		Silverfork Lodge in Big Cottonwood Canyon
Christmas Party	Dec 6	Saturday	7 pm	J. Wong's Asian Bistro, 163 W. 200 South, SLC



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