

ARIZONA DRIVER

THE ENTHUSIAST'S GUIDE TO LIFE BEHIND THE WHEEL

VOLUME 2 NUMBER 5

SEPTEMBER/OCTOBER 2003

\$5

COPPERSTATE 1000

- **Jaguar:** we road test the new all-aluminum XJR, XJ8 and XJ Vanden Plas
- **Jim Click** celebrates the Ford Motor Company centennial in Tucson
- **Porsche Cayenne:** we take this potent SUV to the wilds of the Arizona Strip
- **Harley-Davidson:** the water-cooled V-Rod and the centennial Open Road Tour
- **Teens:** driving skills for life • Quiz • Aftermarket gear • and more!

VEHICLES • EQUIPMENT • SAFETY • PERFORMANCE • MAINTENANCE • MOTORSPORTS • EVENTS • DESTINATIONS • ATTRACTIONS

Lamborghini Scottsdale



Authorized dealer
Automobili Lamborghini

Motorsports of Scottsdale
8053 E. Raintree Drive
Scottsdale AZ 85260

Phone: 480-483-9300

Fax: 480-483-9301

Email: mtrsprts97@aol.com

1. 2003 Lamborghini Gallardo
Paddle operated 6-speed sequential gear box, all wheel drive, 500hp V10. Reserve yours today. Slots filling up fast.

3. 2001 Lamborghini Diablo 6.0
Yellow/black. 3,200 miles.

2. 2003 Lamborghini Murciélago
Titanium/dual color, black/grey interior. In stock for immediate delivery.

4. 2001 Lamborghini Diablo 6.0
Black/black. 1,700 miles.

www.motorsportsofscottsdale.com

Call for details on additional inventory



The Finest Collection of Pre-Owned Luxury Autos

Sales

Service



MOTORSPORTS
of Scottsdale

INVENTORY

Mercedes-Benz

2004 SLR.....Silver/Black.....Inquire
2003 S55.....Silver/Black.....100 mi.
2003 CL600.....Black/Black.....100 mi.
2003 CL55 Coupe.....Silver/Black.....2,179 mi.
2003 SL55 Roadster.....Silver/Black.....10 mi.
2003 SL55 Roadster.....Black/Black.....24 mi.
2003 CL55 Coupe.....Pewter/Ash.....200 mi.
2003 SL500.....Black/Black.....8,000 mi.
2002 S500 Sedan 4D.....Black/Java.....11,524 mi.
2002 S500 Sedan 4D Sport Silver/Ash.....15,100 mi.
2001 CLK 320 Cab.....Britt Silver/Charcoal.....19,600 mi.
1999 S500 Sedan 4D.....White/Tan.....43,083 mi.
1991 SL500 Roadster.....Green/Tan.....35,055 mi.
1971 280SL.....White/Tan.....1,700 mi.
1971 280SL.....Red/Tan.....74,500 mi.
1959 220C.....Light Blue.....70,000 mi.

Porsche

2004 Carrera GT.....Silver/Black.....Inquire
2003 Cayenne Turbo.....Black/Tan.....50 mi.
2003 Cayenne S.....Blue/Tan.....50 mi.
2003 Turbo.....Sea Gray/Gray.....50 mi.
2002 995 Cabriolet 2D.....Sea Gray/Gray.....234 mi.
2002 Boxster.....Silver/Black.....10,400 mi.
2001 995 Turbo.....Arctic Silver/Gray.....9,024 mi.

8053 E. Raintree Drive
Scottsdale, Arizona 85260
Phone: 480-483-9300
Fax: 480-483-9301

Other Exotics

2002 BMW Alpina Conv. Titan.Sil/Gray.....200 mi.
2002 BMW 330ci Conv. White/Tan.....10,625 mi.
2001 BMW X5 SUV.....Silver/Gray.....45,100 mi.
2001 BMW 740i.....White/Tan.....10,050 mi.
2000 BMW M5 Sedan.....Titan.Sil/Black.....14,700 mi.
1998 BMW 750i.....White/Tan.....43,800 mi.
2003 Dodge Viper SRT-10.....Black/Black.....10 mi.
1966 Ford Cobra.....Black/Gray.....9 mi.
2001 Jaguar XK8 Conv. Pacific Blue/Ivory.....12,800 mi.
1999 Jaguar XK8 Conv. Topaz/Parch.....37,800 mi.
1996 Jaguar XK140 Conv. Black/Tan.....18 mi.
1996 Jaguar XK140 Conv. Red/Tan.....150 mi.
2004 Maybach.....Inquire
2003 Panaz Esperante.....Black/Parch.....70 mi.
1999 Panaz Roadster.....Silver/Black.....580 mi.
1998 Panaz Roadster.....Red/Tan.....1,500 mi.

Bentley/Rolls-Royce

2004 Bentley ContinentalGT .3 to choose.....Inquire
2002 Bentley Arnage T.....Black/Black.....1,100 mi.
2001 Bentley Azure.....Black/Tan.....1,600 mi.
1989 Bentley Turbo R.....Burgundy/Tan.....43,000 mi.
1987 Rolls-Royce Comiche.....Met./Black/Tan.....14,200 mi.
1987 Rolls-Royce Comiche.....Ivory/Magnolia.....59,599 mi.



2003 Mercedes SL55
Silver/Ash



2004 Porsche Carrera GT
Silver/Black, inquire

2004 Bentley Continental
Inquire



2004 Ferrari Enzo
Red/Black, inquire

www.motorsportsofscottsdale.com • or E-mail at: mtrsprts97@aol.com

ARIZONA DRIVER

THE ENTHUSIAST'S GUIDE TO LIFE BEHIND THE WHEEL

CONTENTS

ROAD TRIP

SEPTEMBER/OCTOBER 2003

Porsche Cayenne tours northern Arizona 10

For one leg of the "Drive For Hope" tour, we try the Cayenne where an SUV is supposed to be... in the rough. By Larry Edsall

SPECIAL EVENT

Jim Click Ford: Ford's 100th passes through Tucson ... 18

Jim Click, an Arizona automotive icon, has been selling Fords in Tucson since 1971, almost a third of the manufacturer's entire history. Time for a celebration.

VEHICLE IMPRESSION

Jaguar's all-new all-aluminum XJ series 22

We drive the XJ8, XJR and XJ Vanden Plas to Payson and Sedona. It looks so familiar, but it's actually a massive rework. Are we sold? By Gary Goldzweig & Joe Sage

TEEN DRIVERS

Real World Driver: new teen program 28

Ford, GHSA and NHTSA announce the launch of Real World Driver, a program geared toward bringing teens exposure to critical driving skills.

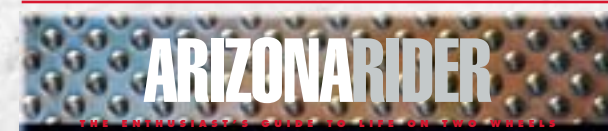
EQUIPMENT

Bridgestone performance for Subaru WRX-STi 31

SPECIAL EVENT

Copperstate 1000 32

The Mille Miglia holds nothing on Arizona. Our thousand-mile, four-day Copperstate 1000 brings together some of the finest machinery and enthusiast crowd. By Pilar Covarrubias



MOTORCYCLE OVERVIEW

Harley-Davidson V-Rod 40

Just in time for the Harley-Davidson centennial, the company launched this new bike, with their first water-cooled engine and a slick new style, to a warm reception.

SPECIAL EVENT

Harley-Davidson Open Road Tour comes to L.A. 42

One of the most convenient places for Arizona riders to celebrate the Harley century mark was Los Angeles.

DEPARTMENTS

FROM THE PUBLISHER : START YOUR ENGINES 4

CAR SMARTS : QUIZ 6

AFTERMARKET GEAR : NU-TEC DESIGNS' MAX FLIP-STEP 8

AUTO NEWS UPDATE 14

MEDIA : TELEMUNDO'S EL CAMINO AL TRIUNPHO 27

MOTOR RESOURCES DIRECTORY 27

DESTINATION DIRECTORY 30

THE INSIDE TRACK: BRIEFS & RUMORS 44

UPCOMING FEATURES 46



COVER: Original Copperstate 1000 poster painting by Ed Mell.

From the collection of Bob Anderson. RIGHT: Larry Edsall, Joe Sage, Jaguar, Rules of the Road, Joe Sage, Harley-Davidson.



As another Arizona summer fades into memory, we revisit the Copperstate 1000 classic auto tour from last spring. Special thanks to the Phoenix Art Museum and Lexus for inviting us along, and to Ed Mell for contributing his gorgeous artwork to our cover and to this feature. (Thanks also to long-time Arizonan and pioneer guitar superstar Duane Eddy, as we remind you that this event offers a thousand miles of great road, although Forty Miles of Bad Road is easily available any number of places along the route.)

We also join the Jim Click Automotive Team as Ford brings its 100th Anniversary Celebration to Tucson; Larry Edsall takes us on a tour of northern Arizona in the Porsche Cayenne Turbo as part of the Cayenne Crossing Drive for Hope; and take a supercharged summer drive to the cool reaches of Payson, Sedona and Cottonwood in the all-new aluminum Jaguar XJ sedan series.

That's what's been happening on four wheels; then on two wheels, we commemorate Harley-Davidson's 100th as it celebrates in Los Angeles, plus take a look at their awesome water-cooled V-Rod.

But that's not all. You'll find information on teen safety, on what's new in the marketplace of particular interest to Arizona tastes and trends, and rumors of what's next.

With this issue, we complete our first year of publication. What an adventure; thanks for joining us. Buckle up and let's drive on!

Joe Sage
Publisher/
Executive Editor




ARIZONA DRIVER

MAGAZINE

PUBLISHER/EXECUTIVE EDITOR: ..Joe Sage

CONTRIBUTING WRITERS:

Jill Amadio, Pilar Covarrubias, Mark Cox,
Larry Edsall, Dan J. Gardner, Gary Goldzweig,
Bill & Barbara Schaffer, Tim Sharp

CONTRIBUTING PHOTOGRAPHERS:

Jean-Pierre Brietta, Rich Cox, Dan J. Gardner,
Larry Edsall, Randy Lorentzen, Dick Reed,
wanaume.com

CONTRIBUTING FINE ARTIST:Ed Mell

RANDOM CREATIVE DIRECTION: ..Jason Kramer

DESIGN & PRODUCTION:AdZoneAZ

MARKET DEVELOPMENT:David Maynard

ADVERTISING SALES:480-948-0200

ARIZONA DRIVER MAGAZINE

PUBLISHED BIMONTHLY BY ADZONE ARIZONA LLC

Subscriptions: \$18/year. Send check,

money order or credit card info to:

Arizona Driver Magazine

PO Box 13387 - Scottsdale AZ 85267

www.azdrivermag.com

Arizona Driver Magazine and
Arizona Rider Magazine are registered
tradenames of AdZone Arizona LLC.

Here's why they call us convenient!



SCOTTSDALE: Frank Lloyd Wright & Hayden Road480-596-1200
PHOENIX: Bell Road & Piastewa Parkway602-787-0035
CHANDLER: Opening in September at Alma School & Germann 480-814-9274
SURPRISE: Coming soon at Bell Road & Grand Avenue

COBBLESTONE MARKET	KRISPY KREME	CHEVRON GASOLINE / DIESEL		
				
WINDOW TINTING	QUICK LUBE	CAR WASH	EXTERIOR DETAIL	INTERIOR DETAIL
				
\$7.99 CAR WASH Save \$2.00 Complete Interior and Exterior Cleaned Soft Cloth Only	\$2.00 OFF any carwash package Ultimate Reg. \$19.99 With coupon \$17.99 Works Reg. \$15.99 With coupon \$13.99 Supreme Reg. \$12.99 With coupon \$10.99	HAND WAX Express Hand Wax 3-Month Protection only \$14.99 (save \$5.01) With Purchase of Any Car Wash at Regular Price WHILE YOU WAIT! 15 Minutes After Wash	Lube, Oil & Filter Service & Car Wash ONLY \$26.99 Includes Basic Car Wash WE FEATURE Valvoline Save \$2.00 <small>*1 Choice of Top Mechanics</small> Best Quick Lube in Town —Compare Our Quality!	
<small>Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Most cars. Expires 10/31/03. PLU # 440</small>	<small>Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Most cars. Expires 10/31/03. PLU # 441</small>	<small>Most vehicles. Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$5.00. Most cars. Expires 10/31/03. PLU # 442</small>	<small>Valid with coupon only. Up to 5 qts. oil. Most vehicles. Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Expires 10/31/03. PLU # 443</small>	

CLIP THESE COUPONS -- OR JUST MENTION THAT YOU SAW THIS AD IN ARIZONA DRIVER MAGAZINE!

I WANT TO DRIVE

Rest assured, once you drive one, you will be addicted.

Gorilla Motorsports offers a select line of domestic and foreign vehicles restyled by the finest performance team in the industry, directed by automotive specialist, Dick Hedman.

From complete custom-tailored vehicles to restyling enhancements for existing automobiles, Gorilla Motorsports designs vehicles for people who WANT TO DRIVE!

- Performance Packages
- Superchargers
- Audio | Visual Design
- Custom Interiors
- Wheels | Tires
- Suspension Packages



GORILLA MOTORSPORTS

www.gorillamotorsports.net

1425 South Clark Drive Tempe, Arizona 85281
480.507.0999 1.866.4.GORILLA Fax:480.892.0887






1. What is the name of the new Mazda RX-8 rotary engine?
 - a. Wankel
 - b. Cosmos
 - c. Renesis
 - d. MazdaSpeed
2. How many BMW 5 series sedans are sold in the United States annually?
 - a. 20,000
 - b. 40,000
 - c. 55,000
 - d. 70,000
3. When did Ford go public, selling on the stock exchange for the first time?
 - a. 1903
 - b. 1919
 - c. 1934
 - d. 1956
4. What is the average cost of driving a car today according to AAA?
 - a. 39.5 ¢/mile
 - b. 48.3 ¢/mile
 - c. 51.7 ¢/mile
 - d. 66.3 ¢/mile

5. How much did the average retail price of a vehicle in the US increase for the 2003 model year?
 - a. \$147
 - b. \$422
 - c. \$681
 - d. \$797
6. Which company recently bought three beehives for their manufacturing plant?
 - a. Toyota
 - b. Honda
 - c. BMW
 - d. Ford
7. When was Nissan's first "Z car," the Datsun 240Z, introduced?
 - a. 1970
 - b. 1972
 - c. 1974
 - d. 1978
8. How many new truck products does GM plan to add for the 2004 model year?
 - a. 6 new trucks
 - b. 13 new trucks
 - c. 19 new trucks
 - d. 23 new trucks
9. What percentage of new parents buy a new car specifically because of the birth of a child?
 - a. 20 %
 - b. 30 %
 - c. 40 %
 - d. 50 %
10. What's the average manufacturer incentive per vehicle in the US as of May 2003?
 - a. \$1,233 /vehicle
 - b. \$1,868 /vehicle
 - c. \$2,532 /vehicle
 - d. \$3,389 /vehicle

11. How many hybrid vehicles were purchased by US car buyers in 2002?
 - a. 18,000
 - b. 28,000
 - c. 38,000
 - d. 48,000
12. When did Cadillac produce its last V-12?
 - a. 1930
 - b. 1937
 - c. 1942
 - d. 1949
13. How many of General Motors' 7,577 dealerships are owned by women?
 - a. 233
 - b. 451
 - c. 637
 - d. 884
14. Which brand of dealership had the highest profit per new vehicle in 2002?
 - a. BMW Division
 - b. Lexus
 - c. Mercedes-Benz
 - d. Porsche
15. How much is Miramax Films planning to charge a car company to have their car be the star in the 2005 movie The Green Hornet?
 - a. \$5 million
 - b. \$15 million
 - c. \$25 million
 - d. \$35 million
16. What is the list price of the new Ferrari Enzo with shipping and gas-guzzler tax?
 - a. \$378,335
 - b. \$575,200
 - c. \$659,430
 - d. \$855,000

(answers below)

The Car Smarts quiz includes news and trivia from industry sources, trade journals and consumer magazines compiled for Arizona Driver by BILL & BARBARA SCHAFFER of Auto Digest.

12. Answer: b. The last time a Cadillac was powered by a V-12 engine was 1937.
 13. Answer: a. 233 women now own GM dealerships, up from 190 in 2001.
 14. Answer: d. According to J.D. Power and Associates for 2002, Porsche had the highest gross profit per vehicle of all dealerships in the US with an of \$6,580 (Lexus \$3,535, Mercedes-Benz \$3,419, BMW \$3,136).
 15. Answer: d. Miramax wants more than \$35 million to have some auto manufacturers' vehicles appear in a major roll in the 2005 movie The Green Hornet.
 16. Answer: c. The base price of the new 550-hp Enzo Ferrari is \$659,430 including \$8,400 freight charge and \$7,700 gas-guzzler tax.

10. Answer: c. The average manufacturer incentive per vehicle sold in the US was \$2,532 in May 2003. The average in May 2002 was \$1,926. Part of the growth is due to growing manufacturer inventories.
 11. Answer: c. US consumers purchased about 38,000 hybrid vehicles in 2002. They predict that number will rise to 54,000 in 2003 and to 500,000 by 2008.

1. Answer: c. Mazda calls its new engine Renesis in honor of the renaissance of the rotary in the US market.
 2. Answer: b. BMW has sold an average 40,000 5 series cars annually since 1997.
 3. Answer: d. Henry Ford did not want to give up ownership and control of Ford Motor Company. He died in 1947 and the company had its IPO January 17, 1956, then the largest stock issue ever. It represented 22 percent of the company and was offered at \$64.50 per share, closing at \$69.50 on the first day of trading.
 4. Answer: c. According to an annual AAA study, the average cost of driving a car today is 51.7 cents per mile, 1.5 cents higher than in 2002. This is the largest increase reported by AAA since 2000 when driving costs increased 2.1 cents per mile. The cost includes ownership (depreciation, interest, taxes, insurance, etc.) and operating cost (fuel, maintenance, tires, etc.).
 5. Answer: c. The price of an average vehicle in the US for model year 2003 increased \$681 or about 2.6%.

CAR QUIZ ANSWERS



BOB BONDURANT™
 SCHOOL OF HIGH PERFORMANCE DRIVING
 Phoenix, Arizona

1.800.842.RACE
 www.bondurant.com

*Mention Code AZ803 and save an additional \$100 off any Multi-Day Course on top of our already discounted summer rates! You could save over \$500 on select courses! Call for details.



\$7.99 CAR WASH

Save \$2.00

Complete Interior and Exterior Cleaned

Soft Cloth Only

Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Most cars. Expires 10/31/03. PLU # 440

\$2.00 OFF
 any carwash package

Ultimate
 Reg. \$19.99
 With coupon **\$17.99**

Works
 Reg. \$15.99
 With coupon **\$13.99**

Supreme
 Reg. \$12.99
 With coupon **\$10.99**

Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Most cars. Expires 10/31/03. PLU # 441

HAND WAX
Express Hand Wax 3-Month Protection
 only **\$14.99** (save \$5.01)
 With Purchase of Any Car Wash at Regular Price

WHILE YOU WAIT!
 15 Minutes After Wash

Most vehicles. Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$5.00. Most cars. Expires 10/31/03. PLU # 442

Lube, Oil & Filter Service & Car Wash

ONLY \$26.99
 Includes Basic Car Wash

WE FEATURE

Valvoline
 #1 Choice of Top Mechanics

Save \$2.00

Best Quick Lube in Town
 —Compare Our Quality!

Valid with coupon only. Up to 5 qts. oil. Most vehicles. Not valid with any other discounts or offers. Suburbans, SUV's & vans add \$1.00. Expires 10/31/03. PLU # 443

CLIP THESE COUPONS -- OR JUST MENTION THAT YOU SAW THIS AD IN ARIZONA DRIVER MAGAZINE!

Stepping up to a Hummer "step bumper" is made possible by Nu-Tec Designs' new MAX Flip-Step™. Designed specifically for the Hummer, this innovative fold-down hitch receiver insert provides a solid first step.

"(At) two or three feet off the ground, one has to wonder how they can be called 'step bumpers' since you need a step just to reach the bumper," said Flip-Step inventor Bill Schlicht. "The size of these vehicles creates an inherent problem of being unable to reach the roof racks, rear cargo areas or to wash them."

This is particularly true for the Hummer, so Nu-Tec Designs set out to create a special step to fit with H2 styling and quality. The resulting MAX Flip-Step provides a substantial and secure step platform with a 500-pound load capacity. And, when flipped up, an 14-LED array on the face of the step provides a super-bright brake/running light for drivers following the Hummer; the light simply plugs into existing trailer wiring.

The MAX Flip-Step is available through Hummer accessory retailers and dealers.



People aren't the only ones plagued with accessing the rear of SUV's—dogs have trouble, too, and jumping out of SUVs can create serious neck and shoulder injuries. Any owner of a large older dog with joint problems will relate to the frustration of trying to get the dog in and out of the SUV. Nu-Tec Designs has

created a well-thought-out solution to this problem too and will soon be releasing its newest hitch receiver product, "Pup-Up™". Other creative solutions for SUV owners – and in particular Hummer owners are also being released soon. More information can be found at www.nu-tec.com or www.flip-step.com. ■

FAST & CURIOUS? SCORS
SPORT COMPACT ONLY RACING SERIES

Now Preparing Our 3rd Season!
Featured on every local TV station:
SCO Nights "Take it to the Track"
A legal alternative to Street Racing

For information and dates visit:
www.DragRacing.com/az

Selling Performance Parts by:
AEM
APEXi
DG Sports
GReddy
Injen
PaceSetter
Skunk2
Turbo Specialties
Venom
ViS Racing
Weapon-R
Wings West
... and more ...

DRAG RACING .com



NEXTBox and IMME Technology

Through the creation of an Integrated Mobile Media Environment (IMME), NEXTBox brings the power of a world without wires right to your fingertips. With voice commands or the simple touch of the monitor, the power of the Internet, your favorite office tools, and a limitless stream of entertainment can be accessed and executed with ease.

NEXTBox in Your Vehicle

IMME technology, applied through our various NEXTBox platforms, provides the solution to consumer demand for telematic devices that are scalable, upgradeable, and customizable. The benefits and applications of IMME technology and NEXTBox platforms are as diverse and unique as the vehicles and lives they will enhance. A NEXTBox platform, coupled with a flat panel touch screen monitor and a voice recognition system, creates a simple-to-use interface that allows you ways to navigate around the computing environment that you never thought possible. Some of NEXTBox's functions include, but are not limited to, Media Player, DVD, Wireless Internet, Voice Recognition, Navigation controlled through GPS, and Mobile Area Networking. These state-of-the-art features, combined with the best business and entertainment tools, allow the NEXTBox to seamlessly integrate into any automotive computing environment.

NEXTBox Functionality

CD/DVD Player • Mobile Office • GPS Navigation System • Mobile Area Network • Roaming Internet Capability

Services

Custom Installation • Variable Length Service Plan • Remote Assistance • Scalable & Upgradeable Components



The One-and-Only Name in Integrated Mobile Media Environments
NEXT Technologies, LLC • www.NextTech.biz • 602-370-0098

Porsche Cayenne spices up the Arizona Strip



By Larry Edsall - Photos by the author

You've heard about the place where the road ends. In the Arizona Strip, that almost uninhabited area north of the Grand Canyon, the road ends at the Bar 10 Ranch.

The Bar 10 is a working cattle ranch, with 500 head at home on the range, 10,000 acres of hilly, wash-cut rangeland. The ranch sits at the top of Whitmore Wash, just west of 7702-foot Mount Emma. It is 80 miles from the nearest town, 80 miles from the nearest paved road, 80 miles from the nearest telephone pole and 80 miles from the nearest electrical line.

But for those who run the rapids through the Canyon on Colorado River rafts, the Bar 10 is a haven, their first opportunity in a week to take a hot shower. For many people, the Bar 10, at river Mile 187, is where their rafting trip—and their seven-day vacation—ends. For others, the ranch is where they begin a two-day float toward Lake Mead.

Only four paved roads interrupt the 14,000 square miles (that's an area the size of the states of New Jersey, Delaware and Connecticut, combined) that comprise the Arizona Strip, and that pavement only cuts across the Strip's northern fringes. Most people who visit the Heaton family's Bar 10 Ranch arrive by airplane, after a 100-mile sightseeing flight from Las Vegas, or by helicopter, after a six-minute climb out of the inner gorge.

Bob Kehoe, a writer from Oregon, and I arrive on a Vision Air flight out of Las Vegas. We're been shuttled by a sightseeing excursion that provides commentary in English, German, Japanese and Spanish, and which has detoured from its normal flight path to drop us off on the ranch's oiled landing strip.

We are at the ranch not to start a rafting trip but for our leg of the

Cayenne Crossing Drive for Hope. Cayenne Crossing is Porsche Cars North America's initiative to use its new sport utility vehicle to support efforts to restore and to maintain historic auto roads and trails. Drive for Hope is a Porsche-supported program with many other corporate sponsors, that raises



■ The trip is a mix of rough and comfort but always ready. We sleep in covered wagons at the Bar 10 Ranch, then hit Arizona's toughest terrain with the comfort and reliability of Porsche's potent new all-roaders. Each with an Aprilia Rally 50 scooter for support, the Cayennes visit the Mount Trumbull Schoolhouse, Toroweap Point at the Grand Canyon, and Oak Creek Canyon.

money for The Hope Foundation and its clinical cancer research.

Santa Monica to the Bar 10

The drive began with four Cayenne Turbos departing Santa Monica, California and making their way around much of southern California. After a night in Barstow, an off-pavement crossing of the Mohave Desert and a night in Las Vegas, the Cayennes again put their low range traction into action while traversing off-road trails across the Arizona Strip to the Bar 10, where the fourth generation of Heaton's have a cowboy dinner cooking in Dutch ovens and where they and the college students who work here in the summer season are ready to treat us to the dress rehearsal of the country and western musical show they'll do nightly for the guests who float and fly in.

Although remote, the ranch isn't primitive. It has a modern lodge with kitchen, dining area, showers, rest rooms and a loft with dorm rooms and bunk beds. Power, which is shut off around 10 pm, comes from solar batteries backed up by a propane generator. The Heaton's have satellite television at their house, and a satellite Internet hookup in their office in the lodge. There's a satellite telephone in case of an emergency. But otherwise they're cut off from the outside world except for their arriving guests, helicopter pilots who shuttle folks to and from the river, and for their weekly grocery-shopping trip to St. George, Utah, where most of the family lives during the school year.

In addition to those bunk beds indoors, the ranch has about a dozen covered wagons, each equipped with a double mattress, sleeping bags and pillows. Even though it's cold and very windy outside, I eagerly opt for one of the wagons. The wind whips through the gaps between the



KEEP RIGHT >>



■ The Antelope Freeway? Not quite, but the Cayenne is one package that makes fun out of tough, smooth out of rough, and sport out of pavement.

>> CAYENNE - cont'd

roof and the wagon's end flaps, but the canvas cover has a warm glow on a moonlit night.

Loaded up, we move 'em out

Morning comes early. Breakfast is ready by 6 am, and soon we're on the road, though we won't hit pavement until around noontime.

Each of our Cayennes carries three people and their gear and has a Thule car-top carrier that holds extra tires, fuel, oil and water. Hanging off the back of each vehicle is a new Aprilia Rally 50 scooter, mounted on a Moto-Tote carrier that attaches to the SUV's trailer hitch.

We estimate that each of the twin-turbocharged, 450-horsepower Porsche V8 engines with its 457 pound-feet of torque is moving around 7000 pounds. But even the steepest and rockiest sections of the BLM trails we travel pose no problem for the Cayennes or their Pirelli Scorpion A/T tires.

We follow a roundabout route up and down hills and along shelf roads before reaching a flat plateau and the historic Mount Trumbull Schoolhouse site. Next we cross Potato Valley and the Uinkaret Mountains before turning south toward the Canyon and spectacular Toroweap Point with its unguardrailed, 3000-foot

vertical drop off into the Canyon.

Some people crawl to the edge rather than risking a false and fatal step.

Leaving Toroweap Point, the nearby Vulcan's Throne and the Lava Falls rapids in the river below, we head out through Antelope Valley on a sand and gravel road that's smooth enough that we can switch off the Porsche Stability Management system and let the tail wag a little through the curves.

It's around noon when we finally reach paved pavement, where the Cayenne carrying our off-road guides turns left, toward our off-road guides turns left, toward California, while the others turn right, to refuel at Fredonia, Arizona, population 1036, before heading south on US 89A



and more breathtaking scenery, and even a few snowflakes. US 89A crosses the high Kanab Plateau, and at Jacob Lake junctions with Arizona 67, the paved route to the North Rim.

East of Jacob Lake, U.. 89A presents

amazing views of the Vermilion Cliffs before making a wide, horseshoe bend that has the Navajo Bridge across Marble Canyon as its keystone. The Bridge—actually, there are two of them, side by side, the old one, built in 1929, now reserved for foot traffic, was the only way across the Colorado River over a 600-mile span until construction of the Glen Canyon and Hoover dams.

Soon 89A is interrupted by US 89, and we turn south along the Echo Cliffs, Painted Desert and Cinder Hills toward Flagstaff, where there's still snow on Mt. Humphrey, at 12,643 feet the tallest of the San Francisco Peaks, and the tallest in the entire state.

Just south of Flag, 89A again separates from the main highway and winds us down through narrow Oak Creek Canyon to Sedona, where the Enchantment Resort hosts our caravan for dinner, which we eat outside as we watch the shadows of Boynton Canyon work their way up the red rock cliffs as the sun sets behind us.

The Drive for Hope

Enchantment lives up to its name, but there are miles to go before we sleep, the last real sleep the Cayenne crew will get for the next three nights. We spend the night at the Scottsdale Princess resort, and in the morning Bob Kehoe and I must

give up our seats to Porsche Club of America members who also are cancer survivors. They'll join the Cayenne's keepers, who are led by Billy Edwards—whose 15-year-old step-daughter's cancer has been in remission for nearly 2 years—on a round-the-clock, then around and around again run across New Mexico and Texas, then up to St. Louis, Nashville and Atlanta, stopping long enough only for fuel, food and to spread the word about Cayenne Crossing and the Drive for Hope.

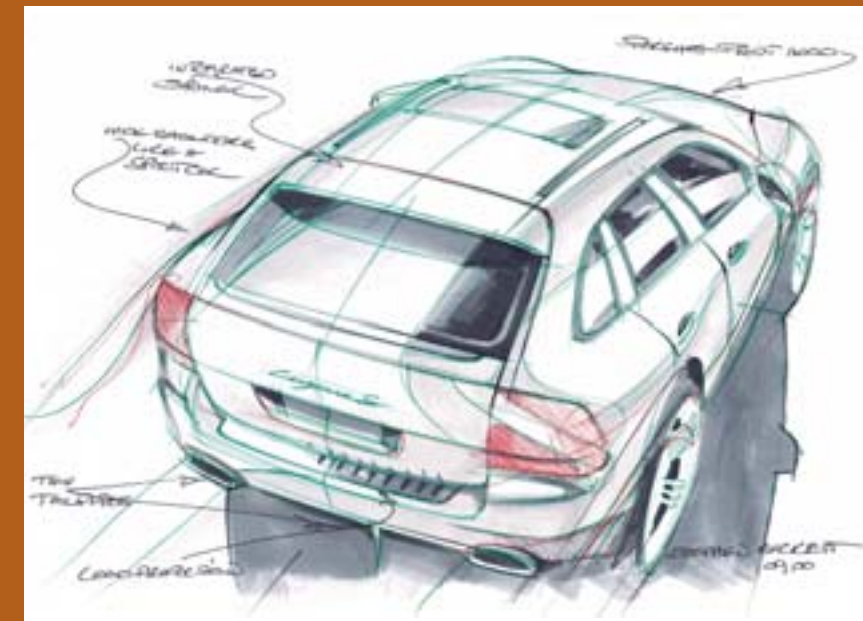
They'll finally spend the night in beds at the Cascade Mountain Inn in Fancy Gap, Virginia. The next morning they'll do another off-road section, then make brief stops at Washington DC and Baltimore before the Crossing concludes in New York City.

They call Manhattan the concrete canyon, and the view from the observation platform on the 86th story of the Empire State Building is spectacular. But you'd need to stack three Empire State Buildings on top of each other just to reach the height of the stunning North Rim vantage at Toroweap.

And Toroweap has another thing going for it: You have to take a long elevator ride to the top of the concrete canyon, but you can drive to the breath-taking view of the Grand Canyon. ■

After working as a sports editor for daily newspapers in Michigan, **LARRY EDSALL** was on staff for 12 years at *AutoWeek* magazine, most of it as managing editor. He has driven more than half a million miles testing cars on four continents. He helped launch www.izoom.com, an automotive website based in Phoenix, and also helped found PAPA, the Phoenix Automotive Press Association. His book on concept cars is being published in Italy this fall.

A Concept Comes to Life



Porsche offers options from interiors with hand-sewn leather, to custom paint colors, to performance kits, and from a roof transport system to child seats. Transport systems range from a cargo-optimizing collapsible loading space system to a roof rack for bicycles, skis or surfboards. A swiveling, load-assist system helps while loading and unloading your gear. Stainless-steel front apron, side sills and step boards offer added protection with style. The interior can be customized with light olive wood or dark burr walnut trim, or with aluminum Sports trim. Special wheels have been developed for summer, winter or all-terrain performance.

Exclusive accessories and lifestyle items include high-tech sports equipment and luggage systems, including a travel bag that can be used as a backpack, a luggage series made of original Porsche interior leather, and a new laptop computer bag. The golfer has the choice of a lightweight set of golf bags or a new full-size golf bag, and even a new Micromilled™ cavity-back putter. ■

This Is Our C.A.N. Opener...



EZ-SCAN 6000 AUTOMOTIVE SCANNER

Be the first to have the only scanner on the market that is C.A.N. (Controller Area Network) compliant. C.A.N. is the new protocol mandated by the EPA to be the standard communications system in all cars by 2008. C.A.N. is already in some 2003 models with more on the way in 2004.

This efficient, highly portable tool:

- Collects trouble code, oxygen sensor test and data stream info.
- OBD-I, OBD-II and C.A.N. compliant
- New ergonomic design
- Large backlit, 8-line display
- Contrast control for outdoor use
- Most advanced and simple to use scanner available.

With software upgrades available via the Internet, the EZ-Scan is simple to use, easy to own and affordable!

For more information please visit www.obd2can.com.



AUTO NEWS UPDATE



■ From the Pontiac crest to the GTO metric-capacity shield, cues abound from the original GTO.

GTO AVAILABLE FOR ORDERING

▲ Final details are arriving on the upcoming Pontiac GTO, due late this year. The Australian-built coupe has a 350-hp LS1 engine from the Chevrolet Corvette. The rear-drive GTO is expected to run 0-to-60 mph acceleration times of 5.5 seconds and have a quarter-mile time of about 14 seconds. A four-speed automatic is standard along with four-channel anti-lock brakes, traction control, a limited slip differential and a fully independent rear suspension. The interior has four leather bucket seats in a 2 + 2 seating arrangement, a 10-speaker, 200-watt Blaupunkt sound system with six-disc CD changer, power windows and door locks with keyless entry and cruise control. The GTO is available for advance ordering at www.Pontiac.com/gto. Price is expected to be \$33,000 with \$695 for the optional six-speed manual.

MITSUBISHI DEBUTS SIX-DISC DVD

Mitsubishi Electric Automotive America Inc. is the first company to offer a six-disc DVD changer for cars in the US market.

The in-dash changer, which also plays CDs, first appears in the 2004 Chrysler Pacifica as a \$395 option. It will also be offered in the Chrysler Town & Country and Dodge Caravan minivans later this year. The DVD changer allows front seat passengers to listen to a CD through the audio system using the single disc CD slot, while rear seat passengers can be watching a movie with the sound coming through the headphones.

MORE TOYOTA HYBRIDS IN 2005

Toyota has plans to offer hybrid versions of several additional vehicles during the next couple of years. A Lexus RX330 hybrid called the RX400H goes on sale next spring as a 2005 model, plus there are plans for hybrid versions of the Highlander sport wagon and the Sienna minivan. The original Toyota hybrid, the Prius, is being redesigned and goes on sale this October for the same \$20,480 price tag as the previous model. The new Prius is larger and now qualifies for a mid-size EPA rating. Also under consideration is Toyota's top-selling Camry. There is also



■ The Honda S2000 will add torque to reach redline sooner for 2004.

talk of a V-8 hybrid for the big Lexus LS, to increase power to a level that could compete with the V-12 engines used in big BMW and Mercedes-Benz sedans, while maintaining high fuel economy.

HONDA REFINES S2000 ROADSTER

▲ Honda's high-revving S2000 roadster gets a new engine for 2004. The 2.0-liter four-cylinder (240-hp) will be bumped up to 2.2-liter. Horsepower will be unchanged, but torque will be increased over the current 153-lb.ft., allowing engineers to reduce the redline somewhere below the current 9000 rpm level. The six-speed manual transmission will get different ratios to adapt to the new engine, plus the suspension will be softened slightly to provide better ride comfort. In addition, the top-rated S2000 will get some minor front and rear fascia refinements.

CADILLAC STS TAKES CUES FROM CTS

When the Cadillac Seville replacement, the STS, takes its place at the top of the Cadillac lineup next year, it will be clothed in a skin that looks very similar to the stylish mid-size CTS that debuted last year. The new STS will be aimed directly at the BMW 5 series sedan and will look much like a stretched and more sophisticated version of the smaller CTS. The STS will be rear-drive and will likely be riding on the magnetic ride control system that is used on the current generation Seville. The base engine will be GM's new 255-hp 3.6-liter aluminum V-6 that is currently going into the CTS (with an automatic transmission) and the upcoming SRX wagon. Optional will be Cadillac's redesigned Northstar V-8 producing 315 horsepower. A performance version of the Northstar engine will be issued later



■ VW Touareg diesel—ready to tackle the high country or a Valley monsoon.

with more than 400 horsepower. It will be badged as a "V" in keeping with Cadillac's new performance nomenclature. The STS is due in fall of 2004 as a 2005 model.

VOLKSWAGEN TOUAREG SUV DIESEL

▲ Even before the Touareg hits US roads, Volkswagen has announced it will offer a diesel in 2004. Current engines include a 220-hp V-6 and a 4.2-liter 310-hp V-8. The diesel will be a 5.0-liter turbo direct-injection V-10 creating 208 hp and a massive 553 lb.ft. of torque. The Touareg has a full-time 4-wheel-drive system, rear differential locks, air suspension (which can raise the vehicle to create 12 inches of ground clearance), a hill rollback control system and hill decent control. Prices range from \$35,515 for the V-6 model to \$41,315 including freight for the V-8. Prices of the diesel-powered version have not been announced.

ACRYLIC POLYMERS CLEAN YOUR CAR

A newly patented acrylonic formula made with a high concentration of acrylic polymers replaces the need for car wash liquids, wheel cleaners, glass cleaners, bug and tar removers and waxes. The

new wash, called LustreLab™ LXR, places a positive charge on the surface of your car that helps repel dirt and grime. The polymers fortify and beautify the surfaces of the vehicle, leaving behind a brilliant streak-free "harder than wax" shine. The surface easily rinses clean between washes, and they say it gets better with continued use. Currently, LustreLab LXR is only available on electronic retailer QVC and at www.LustreLab.com. One bottle of LustreLab, \$19.95 plus shipping, is enough for eight car washes.

HONDA DEVELOPS FOUR DOOR TRUCK

Honda is planning to build a truck based on the unibody Pilot SUV but with unique styling. Using an extended wheelbase, the truck would have four full-size doors and a five-foot cargo bed. The truck is expected to have styling similar in concept to the Chevy Avalanche with its strong C-pillar but without the pass-through from the cargo area to the inside. It's expected to debut at the Detroit auto show in January and to go on sale in 2005. Power will probably be from the

KEEP RIGHT >>

TIRE EXCHANGE, INC.
PERFORMANCE TIRES AND WHEELS

480-596-9655 / 1-800-766-2588



■ The GMC Envoy XUV, with a combination of roof and rear window/gate moves, open up wide.

>> AUTO NEWS UPDATE - cont'd

same 3.5-liter V-6 used in the Pilot, but with a few more horsepower. The four-wheel drive system will be biased to the front wheels.

SKY'S THE LIMIT FOR GMC ENVOY XUV

▲ GMC has solved the problem of hauling tall objects in the cargo area of SUVs. With the new GMC Envoy XUV it is no longer necessary to lay down trees or pay to have a treadmill delivered. Simply press a button, and the roof over the cargo area retracts, creating a 32-by-32-inch opening allowing tall objects the same limitless headroom as a pickup truck. To make the process easier, the rear door has a power window, plus the ability to either swing open or drop down like a tailgate. To extend the cargo area, simply fold down the rear seat and drop the Midgate (a rear cabin cargo door pioneered in the Chevy Avalanche), with its new power retractable window, increasing bed length to 76 inches. The XUV bed has drain holes so it can be hosed out, plus the side windows help protect the cargo while the vehicle is moving. The Envoy XUV is top of the GMC line and will have a base price of \$31,890 for the two-wheel drive SLE and \$38,715 for the four-wheel drive SLT. Production starts in September or October.

NEW HONDA VARIABLE CYLINDER V-6

In Japan, Honda has introduced a 3.0-liter V-6 engine, which can produce up to 250 hp under acceleration, but when cruising cuts back to only three cylinders. The engine uses Honda's "variable cylinder management" to shut down one cylinder bank, producing fuel economy equivalent to a four-cylinder engine. To cut emissions at low speeds, the engine has a high-density catalytic converter below

each cylinder head. It also uses active control engine mounts, which compress and extend in sync with the engine to cut vibrations when the engine is in the three-cylinder mode. The engine also uses a speaker system to create "active noise" to hide, from the passengers, the number of cylinders being used. No US applications have been announced for the variable engine, but there is speculation it may be used in a new Acura.

SUZUKI VERONA HITS MIDSIZE MARKET

▼ The Suzuki Verona landed in the US in August as the first of nine new models the company plans to introduce by 2007. The Italian-designed Verona is the only midsize sedan in its class to offer a standard 2.5-liter in-line six-cylinder engine with an automatic transmission on all models. Other standard equipment includes four-wheel disc brakes, air conditioning with micron air filter, power windows, power locks, keyless entry, cruise control, AM/FM/CD/cassette stereo and many more features. The base Verona S is priced at \$16,999, including shipping. The mid-level LX (\$18,299) adds automatic climate control, alloy wheels and ABS brakes. The top-of-the line EX adds a power sunroof, heated

■ Suzuki, well known for more diminutive offerings, stretches into midsize value with the Verona..



leather seats and eight-way power driver's seat for only \$19,999. All Suzuki models are covered by Suzuki's seven-year/100,000-mile powertrain limited warranty that is fully transferable to succeeding owners. Each car also has a three-year roadside assistance program.

NEW BRAZILIAN OFF-ROADER

A Miami-based importer will start selling a Brazilian-made off-roader, known in South America as the ARO 24. Renamed the Crosslander 244 for the US market, the vehicle looks like something Land Rover would have built or you might see in an African safari movie. The 244 has a 2.8-liter International Harvester turbo diesel engine rated at 124 horsepower with 262 lb.ft. of torque. The transmission is a five-speed manual. It has a 5,799-pound towing capacity and a base price of \$17,995, but that's without carpets or air-conditioning. A Safari Edition with off-



■ The distinctive, though not universally admired, new look for BMW starts to really pull together in the sleek revival of the 6 Series for 2004.

road accessories like a snorkel, brush guard and winch will bring the prices into the low \$20 thousands. The importer has 44 dealers signed to sell the 244. For more information log on to www.crosslander4x4.com.

SATURN VUE GETS HONDA V-6, HYBRID

▼ General Motors is buying 3.5-liter V-6 Honda engines to install in the popular Saturn Vue sport utility. The 250-hp engine will be available as an option in the regular version and standard equipment in the upcoming Red Line performance package. With a five-speed automatic transmission, the new engine is expected to drive the small SUV from 0 to 60 mph in about 7 seconds.

Saturn also plans to build a hybrid version of the Vue, a similar configuration to the Toyota Prius hybrid. Two electric motors will power the vehicle at low speeds through an automatic transmission until the gasoline engine takes over. Unlike in some other hybrids, the Vue air

■ Saturn Vue engines get stronger, go green.



conditioner will stay on even when going up a long hill. The 2.0-liter four-cylinder gasoline engine will produce 138 hp and a pair of 20-kilowatt electric motors will add an additional 50 hp. The motors are powered by a 300-volt battery pack stowed under the rear storage compartment in the former spare tire space. Engineers say the hybrid should deliver 50 percent better fuel economy than the current four-cylinder Vue, which is rated by the EPA at 23 mpg for city driving and 28 mpg on the highway.

BMW BRINGS BACK 6 SERIES COUPE

▲ BMW is back in the big coupe business with a lighter, more powerful 6 Series, based on the 5 Series sedan platform. The sexy 2+2 is an aggressive-looking coupe with sculptured sides, a sleek low nose and raised trunk lid with design cues from recent new BMW models. The new car employs many lightweight aluminum and thermoplastic materials to reduce the weight to about 3500 pounds. The rear-drive car is powered by a 4.4-liter V-8 rated at 333 hp, which should produce acceleration times of about 5.6-seconds. An in-line six-cylinder model will be available later, along with an M6 version powered by a V-10 engine rated in the 500-to-550 horsepower range. Transmission choices include a six-speed manual, six-speed automatic or sequential six-speed manual. The 6 Series coupe gets unveiled in September at the Frankfurt motor show, and a convertible version will debut at the Detroit auto show in January. Both arrive at US dealers in April 2004.

NEXT BMW M5 MAY BURST ENVELOPE

The next generation BMW M5 is likely to have an F1-inspired 500-plus-horsepower V-10 engine. The sedan will have flared wheel arches, with 18-inch tires in the front and 19-inchers in the rear. The suspension will be heavily reworked and there will be a lot of aluminum used to keep the weight down. Plans call for a new six-speed manual transmission with traditional or sequential manual shifting and possibly a six-speed automatic for the US market. The M5 is due at the end of 2004 and should bring 0-to-60 mph times of less than 4.5 seconds, with top speed limited to 155 mph.

MERCEDES ALL NEW CLK CABRIOLET

The second generation Mercedes-Benz CLK Cabriolet is now on sale at Arizona dealerships. The all-new cloth droptop is said to have a body as stiff as the coupe, which means none of the body or cowl shake which often plagues four-seat convertibles. The cloth top Mercedes is once more designed and built by coachbuilder Karmann. Engine choices include the base model's 215-hp 3.2-liter V-6 with the upper-level model having a 302-hp 5.0-liter V-8. Both models have a standard five-speed automatic transmission. In December the CLK55 AMG version will be available with its thundering 367-hp 5.5-liter V-8. Prices start at around \$50,000 for the CLK320 and will climb as high as \$76,000 for the CLK55 AMG. ■

Auto News Update includes a summary of auto news from industry sources, trade journals and consumer magazines compiled for *Arizona Driver* by **BILL & BARBARA SCHAFFER** of *Auto Digest*.



• Jim Click Jr., Ford's Andy Acho, and Sam Khayat, General Manager of Jim Click Ford



• Chuck Scharf's customized '55 Ford



• Mustangs were present from every decade and every generation



• Sammy Eggerman, president of the Old Pueblo Mustang Club, brought two of his five Mustangs: a '65 6-cylinder 3-speed Mustang and a '65 289 V-8 4-bbl GTA.



Photo: Sandra Badgett

• Andy Acho, Jim Click Jr. and Sam Khayat, in Jim's own 1930 Model A pickup



• This leaping hood ornament adorns a 1935 Ford.



• These Model A Fords are courtesy of members of the Tucson Model A Club



• Bud Beebe's super clean '65 Ford Galaxie 500 convertible soaks up the Arizona sun.

Photos by Arizona Driver Magazine except as noted.

Ford Turns 100 in Tucson

There have been big doin's nationwide this year, in honor of Ford's 100th birthday. Tucson resident Joss Sanderson organized a tour of almost 50 original Model T Fords, which drove from Los Angeles to Dearborn, Michigan, across desert and high mountain passes, arriving in time for five days of celebrations at Ford World Headquarters. But closest to the hearts and minds of Arizonans was the centennial celebration at Jim Click Ford in

Tucson, on Saturday, June 7. A stunning collection representing a hundreds years' worth of Fords was present. Vehicles were displayed by the Retractable Convertible Club of Tucson, the Old Pueblo Mustang Club, the Tucson Thunderbird Club, the Tucson Model T Club and the Tucson Model A Club, as well as by several individual collectors. Represented were the Model T, Model A, Mustangs of every vintage, '60s

convertibles and '50s hardtop convertibles, Edsel, and much more. Jim Click Jr. is widely recognized and highly regarded as a businessman, community leader, athlete and devoted family man, in Tucson, throughout Arizona and nationwide. Born in Paul's Valley, Oklahoma, Jim is a third-generation car dealer. His granddad, Bert Click, was a pioneering Chrysler-Plymouth dealer in Shawnee OK, and Jim Click Sr. was a Chevrolet dealer in Altus OK. Jim Click Jr. graduated from Oklahoma State University, where he was captain of the OSU Cowboys football team and on the Dean's Honor Roll every semester. He has been honored as one of OSU's most outstanding graduates and is in the OSU Hall of Fame.

After graduation, Jim went to work in the family business, selling cars for his great uncle, Holmes Tuttle, at his Ford dealership in Los Angeles. Within two years, Jim was top salesperson and then became Sales Manager at their Beverly Hills Mercury dealership. Very quickly, he moved up again, to become General Manager of the Lincoln-Mercury store.

In 1971, Jim moved to Tucson and purchased Pueblo Ford, the first dealership of his own. Renamed Jim Click Ford, and bolstered by a massive advertising campaign and lots of personal elbow



• The Tucson Model T Club and Tucson Model A Club brought a wide array of vintage machinery • Jim and Andy, with Julia MacDougall and Julia's dad John Aube, showing off John's '57, '59 and '58 Ford retractable convertibles (and his Edsel, not shown). John is the repeat president of the Retractable Convertible Club of Arizona, which is sponsored by Jim Click Ford.

• Members of southern Arizona Ford clubs enjoy some tent time • "DJ John" Strobeck, Carol Frosco and Ford's Andy Acho • Strobeck is owner of this '54 Ford Skyliner, one of 13,000 originally built, finished in House of Color's Pagan Gold, with a mildly modified '70 Ford 302. John is current president of the '54 Ford Club of America.



Photo: Sandra Badgett



2-way mobile broadband internet



SunAngel Communications, Inc.

www.broadbandonwheels.com • 480-905-1663

Help Curb Teen Driving Fatalities!

ON G.U.A.R.D. **HOW'S MY DRIVING?**
Groups United to Advance Responsible Driving
CALL 1-877-99GUARD
www.GetOnGuard.com

LET THE EYES OF THE COMMUNITY STEER OUR YOUNG DRIVERS TO SAFETY

Motor vehicle accidents are the leading cause of teenage deaths.

By registering teen driven vehicles in the On G.U.A.R.D. Driver Safety Program, a "How's My Driving?" bumper sticker will help prompt young drivers to act more responsibly behind the wheel.

For more information, visit our website or call us:

www.GetOnGuard.com • 480-634-4990

ON G.U.A.R.D. **Groups United to Advance Responsible Driving**

© 2003 On Guard Corporation

>> JIM CLICK FORD - cont'd

grease, the dealership doubled its sales. (Your correspondent first arrived in Arizona in early 1972 and has long remembered the significant presence of the Jim Click Ford name on the airwaves then. Next to the scenery, the Jim Click name made the strongest impression.) Jim, in his 20s, had become one of the youngest auto dealers in the US, and was on his way to being one of the most successful.

Today, Jim Click Jr. and his cousin Bob Tuttle are co-owners of Tucson-based Jim Click Automotive Team, comprising dealerships for Ford, Lincoln-Mercury, Mazda, Chrysler-Jeep, Dodge, Nissan and Hyundai, at 22nd & Wilmont in Tucson, at the Tucson Auto Mall, and in Green Valley. They also own several dealerships in Orange County, California, and were ranked 22nd among the Top 100 Dealership Groups as listed by *Automotive News* for 2000.

Jim is one of Tucson's most visible philanthropists, with volunteer involvement including Junior Achievement, Boys & Girls Club of Tucson, the University of Arizona Foundation, the Salpointe Catholic High School Capital Campaign and more. Jim has met and been involved with several US presidents and in 1999 received the President's Award from the Committee of Employment of People with Disabilities.

Jim combines his interests in academics, athletics and philanthropism in efforts for the disabled, both in his dealerships' workforce and throughout the community. Present at the Jim Click Ford centennial party was Andy Acho, Ford Motor Company's Worldwide Director Environmental Outreach & Strategy, who is working closely with Jim on utilizing recycled materials from the automotive world in preparing riding arenas for the disabled (watch for more about this in an upcoming Arizona Driver Magazine).

It's hard to imagine the past hundred years without Ford in the picture. And it's hard to imagine Arizona without Jim Click. Thanks, Ford, for 100 great years; thanks, Jim Click Ford, for 32; and we look forward to many happy returns for all concerned. ■

Special thanks to **JULIA MACDOUGALL, JOHN AUBE, JOHN STROBECK, SAMMY EGGEMAN** and **LOU CISCO** for their help in identifying everybody and their vehicles!

In-flight perfection demands ground service excellence.



Scottsdale Air Center: a full service ground support general aviation facility.

FBO amenities include:

- 25,000 sq.ft. terminal comfort
- 72,000 sq.ft. hangar accommodations
- 300,000 sq.ft. flight line concrete
- ExxonMobil premier care Aviat flight line service
- State-of-the-art weather & pilot services
- Professional management services
- Top shelf concierge services at a moment's notice
- New & used aircraft sales & marketing services
- Charter accommodations
- Aircraft maintenance
- Avionics installation & repair

One block west of Hayden between Raintree and Costco • Scottsdale Air Center • 15290 N. 78th Way • Scottsdale AZ 85260 • 480-951-2525



LIGHTEN UP

THE ALL-NEW ALUMINUM XJ

By Gary Goldzweig & Joe Sage



Since the launch of the original XJ6 in 1968, Jaguar has made six prior generations of XJ series sedans, a total production of over 800,000 cars. The XJ represents more than half of all Jaguars ever built. The XJ also represents a direct link with Jaguar's founder, Sir William Lyons (1901-1985). The original car was his concept of Jaguar's future as he saw it from the 1960s. The enduring success of the XJ over the years is a fitting testimony to his vision.

Today the XJ sedan stands as the largest of three Jaguar sedans and is presented by Jaguar as the most prestigious.

The first XJ

Developed to replace no fewer than four different preceding models, the car that became the XJ was first known by its internal project number, XJ4 (XJ standing for 'eXperimental Jaguar'). The car was specifically proposed to fill the niche of the

famous E-type, but with a four-seater GT model, in response to such cars appearing in Jaguar's important American market.

The project vehicle quickly grew, with rear doors added and the front and rear ends truncated, while maintaining the Jaguar family appearance, producing the enduring XJ look.

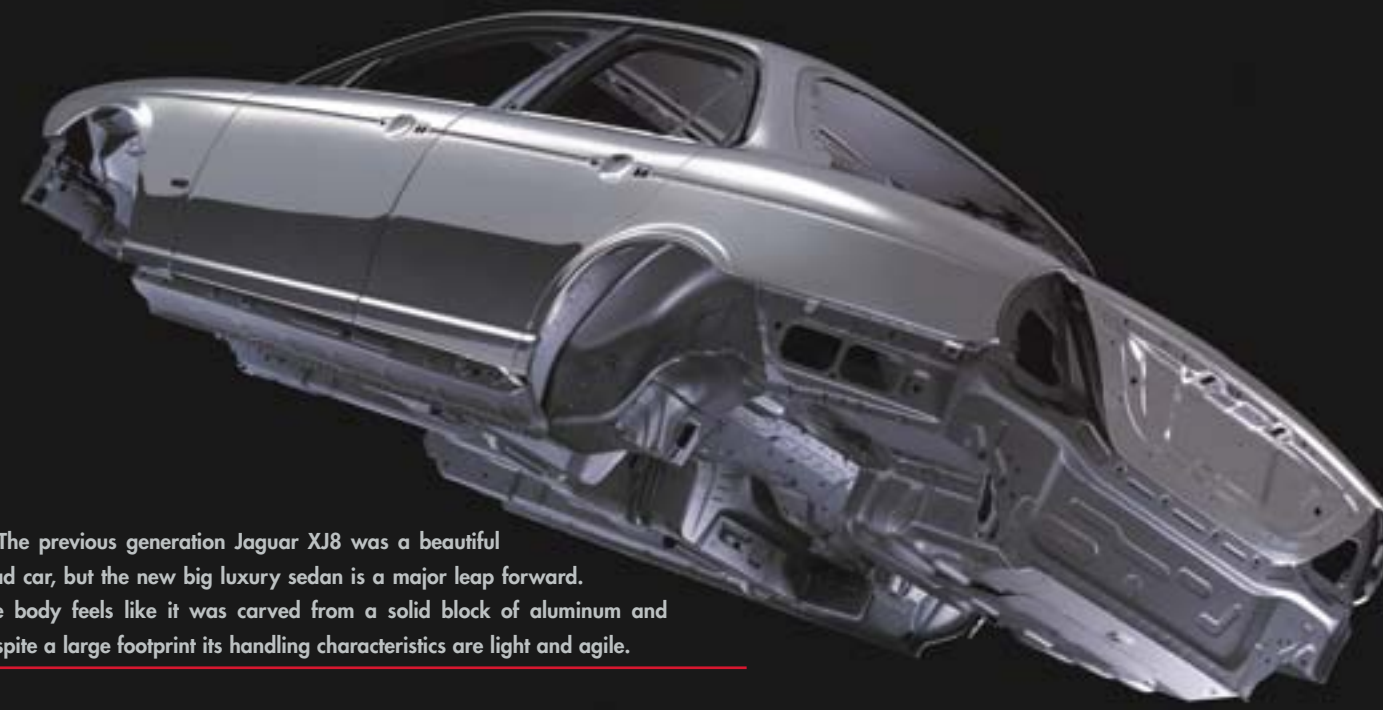
The front end was modeled after the Mark X and 420 models, with a wider and lower version of the Jaguar grille and four headlamps. The car was considered so unique and distinctive that early examples did not have a Jaguar nameplate, only the 'growler' and 'leaper' badges.

The newest XJ

The new XJ is the seventh generation of the car recognized as the definitive Jaguar sedan and is clearly the most advanced production Jaguar ever.

The evolution to aluminum construction

Photos: Jaguar



■ The previous generation Jaguar XJ8 was a beautiful road car, but the new big luxury sedan is a major leap forward. The body feels like it was carved from a solid block of aluminum and despite a large footprint its handling characteristics are light and agile.

required comprehensive analysis and reinvention of the entire car, but with the familiar style maintained.

A new, dedicated aluminum pressing facility and body assembly facility were constructed at Jaguar's Castle Bromwich assembly plant to produce the new XJ. Other aluminum-intensive vehicles have required more exotic techniques. As Jaguar's first aluminum-intensive body structure in volume production, the XJ's lightweight vehicle design represents a major step forward, not least for the intensive use of aluminum in what Jaguar considers fundamentally still a conventional vehicle architecture.

"The creation of a Jaguar with an aluminum-intensive body structure represents a significant manufacturing accomplishment," says Mike Beasley, Managing Director, of Jaguar Cars

Jaguar has adopted manufacturing techniques honed by the aerospace industry. Instead of conventional spot welding used on a steel body structure, the new Jaguar XJ uses structural adhesives and rivets to assemble the unibody structure of aluminum pressings, extrusions and castings of the vehicle's foundation.

Each Jaguar XJ contains almost 3,200 rivets and more than 394 feet of adhesives. Innovatively, the combined rivets and adhesives cure in the heat of the paint process. The final result is a body structure

that is extremely strong but light in weight.

Jaguar's workforce has made the switch from steel to aluminum body construction seamlessly. Extensive training has been undertaken to help operators adapt to new techniques, and simultaneous test builds in aluminum during the production of the predecessor XJ model helped to prove out assembly techniques, acclimatizing the workforce to new methods and fine-tune processes. Eighty-eight robots, linked by a sophisticated Ethernet control system, apply structural adhesives and install the self-piercing rivets in the vehicle structure. Robotic application of self-piercing rivets represented a considerable challenge: compared to a spot-welding head at the end of a robot arm, a self-piercing rivet gun is bulkier, and its cycle times are slower. For this, Jaguar engineers changed their strategy for the 'choreography' of robot movements in comparison to conventional steel body construction.

The fundamentals

- The new XJ's body is 60 percent stiffer yet 40 percent lighter—the XJ8 is almost 200 lbs lighter than its predecessor.
- Engines are a new 4.2-liter V8 and a 4.2-liter V8 supercharged, the later of these producing 390 bhp (SAE).
- All models feature a six-speed ZF automatic transmission. There is no manual.
- The new XJ is both quicker and more

economical across the board than the outgoing generation—and many of its competitors. The quickest model in the new XJ range, the XJR, has a manufacturer's stated acceleration of 0-60 mph in just 5.0 seconds with top speed electronically limited to 155 mph. The XJ8 records 6.3 seconds 0-60 mph and has a top speed electronically limited to 121 mph.

- Safety innovations include Jaguar's innovative ARTS Adaptive Restraint Technology System. The XJ will be one of the first vehicles to meet the new FMVSS208 US crash standard.
- The new XJ is engineered for repairability. The unique Bolt-On-Front-End (BOFE) is designed to allow 10 mph frontal impact without the car suffering structural damage. The assembly has impact-absorbing properties including extruded aluminum 'crash cans' that channel impact energy onward from the bumper beam in a controlled path.
- The new XJ includes Dynamic Stability Control, Adaptive Cruise Control (with Forward Alert function) Emergency Brake Assist and JaguarVoice.
- All new XJs have air suspension and a new generation of Jaguar's sophisticated Computer Active Technology Suspension (CATS) as standard.

KEEP RIGHT >>



OUR DAY WITH THE XJ

Re-imagined. Reinvented. Reborn. This is what the promotional materials said. It was easy enough to image in a new XJ, but when we were invited to drive it—in fact, all three: the XJ8, the XJR and the Vanden Plas—for a day around Arizona, of course we decided to see for ourselves.

We began with a multimedia presentation by Mike Beasley, Managing Director of Jaguar, during which we all promised to pronounce the marque as “JAG-u-er,” and he would quit saying “al-yew-MIN-i-um.”

We grabbed our Jaguar of choice: the XJR. Our first leg would be to Payson, and we wanted to try the R's supercharged power on the upgrade curves.

We tried the cruise control at first, to keep the power under check; lucky thing, as we drove through a DPS speed check within a couple of miles, unscathed. (We learned at lunch that we were the clever ones.) The beauty of the XJ series is that there is much to enjoy without excessive speed, even in the powerful XJR. But we were glad to have the power on the Beeline's hills and curves, and uphill passes were easily made with the aid of the Eaton Roots supercharger. Straightline

power, and plenty of it, are hard to argue with... and the power was always on tap.

Passing on the curves at speed was where we started to notice our one beef with the XJ. Tracking straight, or passing on a mountain curve, we found a noticeable roll in normal side maneuvers. Any forces applied to this gorgeous lightweight machine, however, are easily managed—especially with the stopping power of 4-caliper Brembo R-Performance discs (14.4" ventilated front and 13" solid rear), standard in the XJR. The XJ8 and Vanden Plas have smaller discs (12.6" front, 11.3" rear) and floating aluminum calipers. Supercharger? Brembo? Advantage: XJR.

Fit and finish are tops. The XJ's interior expresses its British heritage with generous applications of leather, burl walnut and color-keyed fascia. And they are put together with the utmost care. Body panels fit as tightly (to the eye) as this car's most serious German and Japanese competitors.

We stopped in Payson for a midmorning pit stop at the Payson Inn, then wound through the Ponderosa-wooded hills to the north and northwest. The bark beetle infestation was in full swing through these forests, so we were able to develop quite a bug collection on our saloon's windshield. As the beetle pelting let up, the terrain opened wide, and we cruised straight over to Camp Verde, cruised north briefly on I-17 and then exited to Sedona,

KEEP RIGHT >>

Jaguar XJ body. Called Process Control Boards, these displays quickly alert plant management to any potential quality issues. At the heart of this information system is Jaguar's desire to detect and rectify quality problems extremely quickly.

Virtual manufacturing

The new XJ assembly facility was engineered simultaneously with the new vehicle itself, using virtual manufacturing capabilities via Jaguar's powerful C3P system: Computer-Aided Design, Computer-Aided Manufacturing and Computer-Aided Engineering. A massive product information database gave manufacturing engineers the opportunity to configure an assembly plant in virtual reality, to prove out processes prior to the investment in costly robots and other manufacturing equipment. The XJ's entire body shop existed on computer prior to its installation. Every step of the production process, down to each movement of each individual robot, was modeled in this fashion.

This powerful computer tool also gave manufacturing engineers the ability to configure the outgoing Jaguar XJ body shop to test aluminum assembly processes well before the start of production for the new XJ model.

The use of these techniques helped Jaguar to configure the new body shop to a shorter assembly line, with significantly fewer work stations and reduced movement of material from station to station, reducing potential for handling damage in the process. The time it takes to construct a new Jaguar XJ body has been reduced by nearly 30 percent, compared with the previous operation.

Light weight adds up

Jaguar's goal remains the same: to represent contemporary British automotive luxury with the same blend delivered in each generation of XJ: elegance, style, comfort and spirited performance.

The all-new XJ has all this and much more. Not only is it the ultimate expression of Jaguar luxury sedan engineering, it is also the most advanced Jaguar ever. ■



Photos: Jaguar

>> JAGUAR XJ cont'd

Aluminum throughout

Three different Alcan aluminums are used in Jaguar XJ's manufacture: Grade 5754, which is used in the underbody construction; Grade 5182, which is used for the inner sections of door panels and other

closures; and Grade 6111, which is used for the exterior body panels. The 6111 grade of aluminum is known as bake-hardenable, so if you're wondering whether aluminum is more vulnerable than steel, actually this grade stiffens in the heat of the painting process to give the new Jaguar XJ enhanced resilience to damage from dings.

For the aluminum bodyshell of the new XJ, Jaguar developed a new pre-treatment process for initial surface treatment of the aluminum, prior to the electro-dip primer. This involves a new chemical surface etching process, which takes place in eleven stages, including six full dipping baths. This process maximizes corrosion resistance and provides the perfect surface for the subsequent paint coats.

Body construction

The underbody of the new XJ is created in three stages: front-floor, mid-floor and rear-floor sections. These are joined together as the first major assembly of the body structure. Robust side assemblies are then constructed and joined to the newly created underbody at the 'framing line'. Adding a roof completes the basic body architecture.

Intensive quality checks are performed electronically during these automated

assembly processes. On completion of the underbody and integral body structure, 140 laser measurements are automatically performed to assure that each new Jaguar XJ 'foundation' is dimensionally correct, checked with real-time statistical analysis.

Manual riveting is performed with hydraulic setting equipment, while robots manipulate the electrically controlled rivet setters, which reduce hydraulic fluid emissions during tool changes. Kawasaki robots handle all the parts and carry the riveting and adhesive applications, ensuring optimal efficiency and flexibility.

Collectors and restorers of the future, note: each body structure starts life as a bar code, which tells operators the exact configuration and equipment level of the car. Per that bar code, operators are instructed which vehicle configuration to build – such as a vehicle with or without a moonroof. This coded labeling system is monitored throughout vehicle assembly, and this bar-coded number is etched into a hidden part of the body structure.

Zero-defects scoreboard

Ten digital information panels – similar to electronic scoreboards at sporting events – help the workforce and plant management assure unerringly high quality for every





Photo: Jaguar

■ With fundamentally the same familiar look, the new XJ (right) is larger in every dimension than its predecessor... but lighter and stronger, too.



where we enjoyed lunch at L'Auberge de Sedona, immediately on the banks of Oak Creek, deep in the shade of the high country.

The new XJ series is an absolutely thorough rework but looks almost like nothing has changed at all—this, despite a 50% or more increase in such specs as interior space and trunk capacity. In a lineup that includes a X-series based on the European Ford Mondeo, an S-series that's a kissing cousin to the Ford Taurus, and an XK8 roadster that's quite similar to the Aston Martin DB7, Jaguar is protecting the image equity in the XJ. the family lineage at any opportunity. With this in mind, the new XJ is styled to be almost indistinguishable from its predecessor, at least when you don't see the two side by side. At our lunch in Sedona, in fact, we had a chance to see every XJ generation side by side—and then the differences are apparently (especially the ill-fated rectangular-headlight generation). The new version carries all the standard elements of Jaguar style and will not have to grow on you. In fact, it expresses the standards so well that, if anything, last year's model might look a little dated... or small... or squat... when you see it again after this one.

For our return drive to the Valley, we were confronted with our change of steed—either the XJ8 or the nicely-appointed Vanden Plas. The XJ is a lovely machine, but we love performance, so, well, we grabbed another XJR, because it turns out, well, we could. And when you come right down to it, although there are nips and tucks and nameplates to distinguish the Vanden Plas (which, incidentally, is a US-only contrivance), there is no deficit in style or comfort in the XJR—and there is all that power and handling, to boot. ■

GARY GOLDZWEIG has worked in quality control and test engineering for Ferrari, BMW, Mercedes-Benz and others in the US. Besides being a valuable road evaluator for *Arizona Driver*, Gary works in the Valley as a tennis pro. **JOE SAGE** is publisher and editor of *AZD*.

■ At our lunch stop in Sedona (left), the entire history of the XJ was on display (below).



Photos: Arizona Driver Magazine

MEDIA : TELEMUNDO



El Camino Al Triunfo

FORD AND TELEMUNDO SHOWCASE HISPANIC BUSINESS SUCCESS STORIES WITH NEW TV SERIES

Ford Motor Company is partnering with Spanish-language TV network Telemundo in a new half-hour program, *El Camino Al Triunfo* (*The Road to Triumph*). Hosted by financial analyst Xavier Serbia (lower left) and actress/film producer Anabel Garcia, the half-hour program highlights triumphs of Hispanic business owners and offers personal finance and other tips to succeed in corporate America.

The first episode, on August 2, profiled Ford dealer Irma Elder (upper left) and music producer Kike Santander. Elder is a successful entrepreneur who owns six Ford dealerships in Michigan and Florida. The Elder Automotive Group generates more than \$400 million in annual sales and consistently ranks in the top 10 of *Hispanic Business Magazine's* top 500 Hispanic-owned corporations—the only woman-owned corporation in the top 10.

An August 25 episode highlighted young Ford dealer Jay Rosario and Hector Barreto, administrator of the Small Business Administration (SBA). Through the Ford sponsored National Automobile Dealers Association Dealer Training Program, Rosario learned necessary management skills while sharpening his leadership and entrepreneurial abilities. At 26, he became the youngest graduate of the intensive one-year program and at age 30, became the youngest Hispanic to own a Ford dealership.

"I'm very proud to be part of a television program that will present US Hispanics with the opportunity to obtain control of their financial future," said Xavier Serbia. "I applaud Ford and Telemundo for taking on this important task of encouraging, educating, and inspiring the Hispanic community."

The next episodes of *El Camino Al Triunfo* will air on the Telemundo Television Network at 5:30 pm EST/PT on September 27, October 25, and December 6 and 7. ■

Performance Tires & Wheels

Tirexchange, Inc.
Tires • Wheels • Chrome Plating
15485 N. 84th Street • Scottsdale
1-800-766-2588 • 480-596-9655

Driver Training

DrivingMBA™
Comprehensive simulator training for teens
A program of Accelerated Skill Builders
480-948-1648 • www.drivingmba.com

Mobile Communications

NEXT Technologies, LLC
Integrated Mobile Media Environment (IMME)
602-370-0098 • www.NextTech.biz

Sunangel Communications, Inc.
2-Way Mobile Broadband Internet
480-905-1663 • www.broadbandonwheels.com

High Performance Schools

Bob Bondurant School of High Performance Driving
Mention Code AZ803 for discounted multi-day
1-800-842-RACE • www.bondurant.com

Mobile Detailing Service

Waxwerks Detailing
Detailing - Valley Wide Mobile Service
Classic, Muscle & Luxury Autos
Ken Dickson • 602-788-9680
www.waxwerksdetailing.com

Automotive Fine Art

Automotive Fine Art by Don Evenson
Private commissioned paintings in oil or acrylic
11259 E. Via Linda • Suite 100-185
Scottsdale AZ 85259 • 480-661-8410

ARIZONA DRIVER

MOTOR RESOURCES DIRECTORY

Custom Garage Interiors

GarageTek
Call to visit our completely furnished garages
623-580-0900 • www.garagetek.com

Auto Spa / Convenience / Gas

Cobblestone Auto Spa & Market
SCOTTSDALE: FLWright & Hayden • 480-596-1200
PHOENIX: Bell Rd/ & Piestewa Fwy. • 602-787-0035
CHANDLER: Alma School & Germann • 480-814-9274
SURPRISE: *Coming soon!*: Bell Rd. & Grand Ave.

Food Court Texaco / Weiss Guys Car Wash
15111 N. Hayden Road • 480-561-2622

Aftermarket Enhancements

Gorilla Motorsports
Performance packages - superchargers - A/V
Custom interiors - wheels/tires - suspension
1425 S. Clark Drive • Tempe AZ 85281
408-507-0999 • www.gorillamotorsports.net

Vehicle Diagnostics

AutoXray
EZ-Scan 6000 Automotive Scanner
www.obd2can.com

Racing Events

SCO Nights
Sport Compact Drag Racing
Every Thursday at Firebird Raceway
www.dragracing.com/sco

Service & Repair

Greulich's Auto Repair
8180 E. Raintree • 480-483-8186

Online Classic Car Classifieds

ClassicCars.com
Put your classifieds online at
480-460-8800 • www.classiccars.com

Auto Dealers

Aston Martin North Scottsdale
18088 N. Scottsdale Road • 480-538-4200
Lou Grubb Ford
8555 E. Frank Lloyd Wright • 480-991-3333
Van Chevrolet
8585 E. Frank Lloyd Wright • 480-991-8300

Auto Dealers - Specialty

Gorilla Motorsports
Select line of vehicles restyled for performance
1425 S. Clark Drive • Tempe AZ 85281
408-507-0999 • www.gorillamotorsports.net

Motorsports of Scottsdale
The Finest Collection of Pre-Owned Luxury Autos
Raintree & Hayden Road • 480-483-9300

Motorcycle Dealers

Cycle-Moto
Aprilia - Ducati - Motoguzzi - Triumph
330 E. Southern Ave # 37 • Mesa AZ 85210
480-898-0559 • www.azsbk.com

Information is derived from a variety of sources and may not be final or accurate; check all info. Listings do not necessarily represent any specific affiliation with nor endorsement by Arizona Driver magazine.

FORD LAUNCHES CAMPAIGN TO HELP TEENS HONE THEIR DRIVING SKILLS

According to data from the National Highway Traffic Safety Administration (NHTSA), more than 6,000 teens die each year from injuries resulting from car crashes—making it the number one killer of teens in America. Yet, a recent national survey by Wirthlin Worldwide shows that many people underestimate the challenges novice drivers face. When asked, 56 percent of Americans named drug abuse as the leading health threat teenagers face, with only 13 percent identifying teen driving crashes as the number one threat.

To help raise awareness and fight back against this serious youth health issue, Ford Motor Company, along with the Governors Highway Safety Association

(GHS) and the National Highway Traffic Safety Administration (NHTSA), has announced the launch of Real World Driver: Driving Skills for Life.

Real World Driver is a multi-year, educational campaign for teens, parents and the education community. The program includes a teacher's guide, video and other materials that are being distributed to every public high school in the country (more than 20,000 schools). An interactive Web site—www.realworlddriver.com—also has been launched to give students and parents more information about driving skills and provide visitors the opportunity to take a quiz online for a chance to win exciting prizes.

Four critical driving skills

To design the program, Ford and GHS) convened a distinguished panel of safety experts that included NHTSA, the International Association of Chiefs of Police Highway Safety Committee and The Transportation Safety Association. According to the Real World Driver Advisory Board, the four key driving skills young drivers should master are:

- ▼ HAZARD RECOGNITION
- ▼ VEHICLE HANDLING
- ▼ SPACE MANAGEMENT and
- ▼ SPEED MANAGEMENT.

Wirthlin's research also indicated that just 11 percent of parents and 12 percent of all adults are satisfied with the training resources available to first-time drivers. Moreover, nearly all parents (94 percent) are concerned about their teens driving independently.

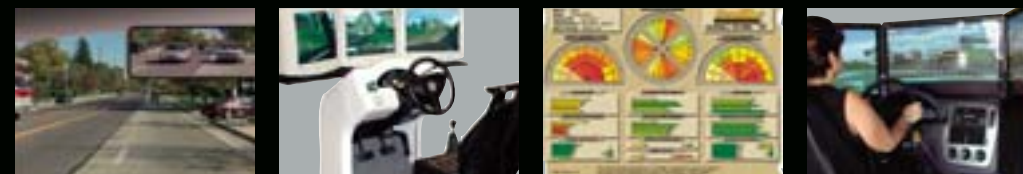
And don't forget: buckle up

While hands-on, behind-the-wheel training and educational materials are important elements of any safe driving program, Ford reminds all drivers that safety belts continue to provide the single, most effective protection in any vehicle crash. ■



Delivering the driver's edge to teen drivers.

Traditional driver's education has focused on the skills needed to pass a driving test, with classroom lectures and some behind-the-wheel "on-the-job training." The DrivingMBA™ program goes beyond this, bringing high-tech simulators to everyday drivers.



The DrivingMBA™ Comprehensive Driver Training Program

These components are available as a discounted package or individually:

- **Rules of the Road® DVD** : Award-winning interactive DVD tutorial for home use.
- **Pre-Permit Driving Simulation Course** : 5 hours total computer simulated driving experience gives teens a solid foundation in fundamentals before they get behind the wheel.
- **Safe Young Drivers** : A book to supplement your own in-vehicle training.
- **Advanced Decision Skill Building** : The same high-end simulator used by police and other professionals to improve behind-the-wheel decision-making skills.
- **Profiler™** : Assesses your skills against a pro database (included with Advanced Decision Skill Building).
- **DUI** : Students in both simulator courses experience the negative impact upon vehicle control of driving while impaired.



A PROGRAM OF ACCELERATED SKILL BUILDERS

www.drivingmba.com

9181 E. BELL ROAD, SUITE 103 • SCOTTSDALE AZ 85260 • 480-948-1648





The Car Corner

RADIO SHOW
with Bill Zervakos



There are other automotive shows on radio, but nothing quite like The Car Corner. On other programs, you'll hear people talking about their vehicle's problems, but on The Car Corner, you'll find out about what's happening in the industry that impacts you, the motoring public. Some things you'll hear about:

- News from the Industry
- Expert Tech Tips
- Trivia with Prizes
- New Car Evaluations
- Guest Interviews
- Contests and More



Saturdays 7-8am
Xtra Sports 910 AM

ARIZONA DRIVER

DESTINATION DIRECTORY

Arizona

ATTRACTIONS & EVENTS

Chiricahua State Park
HCR 2, Box 6500 • Willcox AZ 85643
520-824-3560

Grand Canyon National Park
PO Box 129 • Grand Canyon AZ 86023
923-638-7888 Visitor Info Recorded Message

Lake Havasu State Park
699 London Bridge Dr. • Lake Havasu AZ 86403
928-855-2784

Organ Pipe Cactus National Monument
10 Organ Pipe Drive • Ajo AZ 85321-9626
520-387-6849 Visitor Information

Petrified Forest National Park
PO Box 2217
Petrified Forest National Park AZ 86028
928-524-66228 Visitor Information

Saguaro National Park
3693 South Old Spanish Trail
520-733-5153 Visitor Info Rincon Mtn District

Wupatki National Monument
Flagstaff Area National Monuments
6400 N. Hwy 89 • Flagstaff AZ 86004
928-679-2365 Visitor Information
928-526-1157 Visitor Information, HQ

Nevada

ATTRACTIONS & EVENTS

Las Vegas Tourism Bureau
6120 W. Tropicana Ave. • Las Vegas NV
www.lasvegastourism.com

MOTOR MUSEUMS

Imperial Palace Auto Collections
Fifth floor parking facility of Imperial Palace.
702-794-3174
www.imperialpalace.com/auto.html

National Automobile Museum
The Harrah Collection
10 Lake Street South • Reno NV 89501
775-333-9300 • www.automuseum.org

California

ATTRACTIONS & EVENTS

Palm Desert Visitor Information Center
72-990 Highway 111 • Palm Desert CA 92260
800-873-2428 • www.palm-desert.org

MOTOR MUSEUMS

Petersen Automotive Museum
6060 Wilshire Blvd. (at Fairfax) • LA CA 90036
323-930-CARS • www.petersen.org

Colorado

ATTRACTIONS & EVENTS

Colorado Activity Centers, Inc.
737 N. Tenmile Drive - Suite 35
PO Box 129 • Frisco CO 80443
800-777-8642 • 970-668-5259
www.coloradoinfo.com

MOTOR MUSEUMS

Shelby American Collection
5020 Chaparral Court
PO Box 19228 • Boulder CO 80308-2228
www.shelbyamericancollection.org
303-516-9565

New Mexico

ATTRACTIONS & EVENTS

New Mexico Department of Tourism
800-733-6396 x 0643 • www.newmexico.org

Santa Fe Chamber of Commerce
PO Box 1928 • Santa Fe NM 87504
8380 Cerrillos Rd. Suite 302 • Santa Fe NM 87507
505-983-7317 • www.santafechamber.com

Utah

ATTRACTIONS & EVENTS

San Juan County Tourism
117 S. Main Street • Monticello UT 84535
800-574-4386 • www.southeastutah.org

RESORTS / LODGING

Desert Rose Inn & Cabins
701 W. Highway 191 • Bluff UT 84512
888-475-7673 • www.DesertRoseInn.com

Mexico

RESORTS / LODGING

Puerto Peñasco Mexico Online
Beachfront home rentals in Rocky Point.
623-935-0507 • www.puerto-penasco.com

ATTRACTIONS & EVENTS

Baja California State Tourism Office
Blvd. Diaz Ordaz s/n
Edificio Plaza Patria Nivel 3
CP 22400 Tijuana BC
(66) 81-9492

Sonora State Tourism Office
Centro de Gobierno
Edificio Estatal Norte 3er Nivel
Comonfort y Paseo Río
CP 83280 Hermosillo, Sonora
(62) 17-0076



Information is derived from a variety of sources and may not be final or accurate; check all info. Listings do not necessarily represent any specific affiliation with nor endorsement by Arizona Driver magazine.

EQUIPMENT : BRIDGESTONE POTENZA RE070

Bridgestone Potenza™ RE070 tires have been chosen as original equipment on the new ultra-high performance 2004 Subaru Impreza WRX-STi which debuted in showrooms this summer. The company provides its Potenza RE070, an ultra-high performance max-traction summer tire in size 225/45R17.

"We are very pleased to have been named an original equipment supplier for this performance flagship of the Subaru line-up," said Michael Martini, president, OE Consumer Tire, Bridgestone/Firestone North American Tire, LLC. "Our Potenza RE070 is a perfect complement to the ultra-high performance specifications of this new vehicle."

Martini added that the Potenza RE070 is a new product, developed specifically for sport performance original equipment applications. "Our engineers worked with Subaru to design an asymmetrical tread pattern, which was specially tuned to this application," he said. The Potenza RE070 is W-speed rated and provides ultimate high grip, accurate response and maximum cornering capabilities. It carries a UTQG rating of 140 for treadwear, and an A each for traction and temperature. The Bridgestone Potenza RE070 in size 225/45R17 for the Subaru Impreza WRX-STi has also been developed for use in the Japanese market.

The all-wheel drive Subaru Impreza WRX-STi is designed to

Bridgestone Potenza RE070 for Subaru Impreza WRX-STi

appeal to the serious driving enthusiast and incorporates motorsports technology drawn directly from Subaru's experience in World Rally Championship racing. It is engineered to deliver world-class sports car levels of acceleration, handling and braking, and will serve as the performance flagship of the Subaru line. STi stands for Subaru Tecnica International, the automaker's high performance and motorsports subsidiary.

Subaru is the only car company that offers symmetrical all-wheel drive as standard equipment on every vehicle in its product line. Subaru has been the best-selling import wagon in America for the past 20 years, based on R.L. Polk & Company new vehicle retail registration statistics calendar year-end 2002.

The Bridgestone Potenza RE070 is available in Arizona at: **TIREXCHANGE, INC.**

Performance Tires and Wheels
15485 N. 84th Street - Scottsdale AZ 85260
1-800-766-2588 - 480-596-9655



A THOUSAND MILES OF GREAT ROAD

BY PILAR COVARRUBIAS

If you live here, you know, and if you've driven here you'll agree: Arizona's landscape is the West at its most spectacular, whether you're talking about wide open sagebrush valleys ringed by mountains or cactus-filled canyons hemmed in by red rock spires. And the roads that cover the state are as diverse and as fascinating as the landscape itself, from arrow-straight highways with infinite vistas to twisty back roads that carry adventurers into little-known corners of the desert.

Of course, it's always better to explore with friends, and it's better still when you're in a group of car nuts and driving enthusiasts. That's why the Men's Arts Council of the Phoenix Art Museum has been putting on the Copperstate 1000 for 13 years now, and it's why the event continues to be such a success. For four days

and 1000 miles, the Copperstate gives more than 50 vintage cars and their drivers/co-drivers the opportunity to roam Arizona's best roads in cars as compelling—and varied—as the terrain.

The cars this year ranged in age from a 1926 Bentley Le Mans re-creation of Tucson's Earl and Alan Snodgrass, to a pair of 1970 Mercedes 280SE 3.5 convertibles (one driven by Paradise Valley's Robert and Sydney Anderson, the other a visitor from Mary land driven by Lawrence Macks and James Halle), and in rarity from a one-off Ferrari 250 GT TdF Zagato entered by Nevada's Rob Walton and Nance Larson to more-
numerous but no less enjoyable

Corvettes like the all-original '67 roadster brought by Scottsdale's Don and Barbara Kaitz. A bevy of Jaguars, Porsches, Mustangs and Mercedes filled the ranks.



DAY ONE

This year, the Copperstate's organizers picked a route through the southeastern corner of the state that was certain to keep everyone entertained regardless of what kind of car they drove. Starting at the Phoenix Art Museum—where visitors had a chance to check out the cars at close range—the rally meandered through the city's eastern suburbs on its way through Superior and south to the copper mines of Hayden. No matter how many times you've seen it, the open-pit

Hayden mine is spectacular—the depth and the scale both unbelievable, the colors fascinating.

Following the Gila River before turning northward towards Globe, Highway 77 gave Copperstaterers a good look at some of the enormous saguaro cacti that populate the desert. Heading south toward Safford and the first night's stop, rallyers got their first taste of the wide-open valleys that gave cars like the Ferrari 275 GTB—brought by Sidney Allen from Longview, Texas—a chance to really stretch their legs. Those who had come from the opposite coast, like New Hampshire's Peter and Debbie Hosmer, mentioned the big, open spaces of the first day's route as one of the reasons they come West for the Copperstate year after year with their 275 GTB/4.

DAY TWO

Perhaps more intriguing to local drivers are the rock spires and pine forests of the Chiricahua National Monument, an 11,000-acre portion of the Coronado National Forest whose dramatic formations were created over the millennia by wind and water. Sacred to the Apaches, the Chiricahua gave Copperstaterers a chance to meander slowly through an area of exceptional natural beauty, before hitting the open road again to Bisbee. This old mining town is a museum in itself, full of 19th-century architecture and artifacts of Arizona history. Lunching at the historic Copper Queen hotel, many rallyers could be heard saying that they hoped to return to spend more time in this fascinating town, exploring the nearby wildlife reserve as well as the well-kept town itself.

Leaving Bisbee, two-lane route 80 gave

Copperstaterers another chance to blow out the cobwebs, its big sweeping turns testing the stability of the vintage machines as well as horsepower. This is a real Corvette road if one can be said to exist, whose long uphill seemed tailor-made to test big-block acceleration. Plenty of E-type Jags could also be seen enjoying themselves on this road before bringing the day to a close in Benson.

There, the Copperstate crew had opened the bar by the time we arrived, and a Southwest barbecue was also underway to the tune of country swing from a local band. By now, even newcomers to the Copperstate had made plenty of friends en route, and the social scene was in full swing. This, after all, is a big reason that many of the partic-

KEEP RIGHT >>



Photo: Howard Kobay



■ Sunday morning, Phoenix Art Museum: public viewing Monday morning, Safford: dawn's early light reaches divergent entrants. Clean and eager, everything from classic Jaguar to Bondurant track-prepared Corvette to '67 GTO is ready to hit the road.



Photos: Arizona Driver Magazine except as noted.

■ Day Two brings the clean sweeps of desert and mountain highways through Willcox, Chiricahua, Sunizona and Bisbee, to our next stop in Benson.

>> COPPERSTATE 1000 - cont'd

ipants come—there's no attitude or snobbery on display at the Copperstate, no matter how lofty or lowly a person's social status or automobile. This is a rare thing in the world of vintage rallying, and we can only attribute it to the positive and welcoming attitude of the organizers themselves, who make sure the full spectrum of eligible autos is present and therefore ensure a diverse bunch of participants, as well.

DAY THREE

Depending on how much they'd enjoyed themselves the night before, rallyers could leave Benson for breakfast at Kartchner Caverns the next day anytime between 8 and 10am. This was more than just an early-morning picnic, however—the organizers had arranged for private tours of the caverns before they opened to the public that day. Since tours of the caverns are booked well in advance, this gave rallyers a chance to visit a spectacular feature of Arizona's underground landscape that they might

otherwise have missed. From there, the route took an eastward detour to Tombstone—a can't-miss destination for tourists that's perhaps a bit past its prime as a historic site—followed by a meandering drive along highways 82 and 83 through Elgin and lovely Sonoita on the way to Patagonia and Nogales.

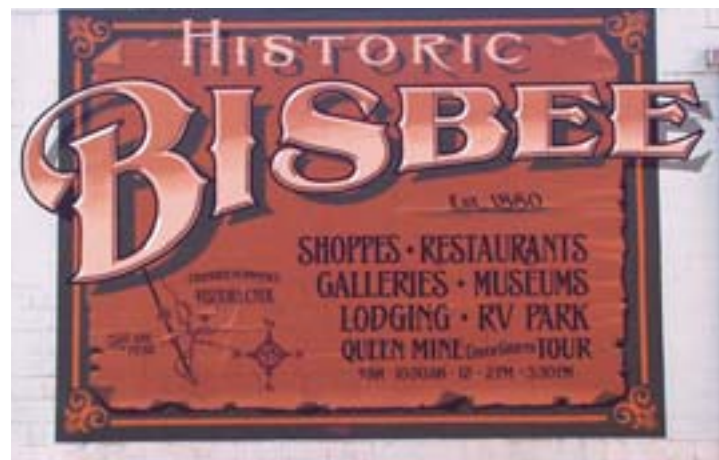
The driving schedule was relaxed enough to allow for a short cross-border hop, but most participants chose to head straight for Arivaca Junction and Arivaca Road, one of the real drivers' roads on the tour. With its constant elevation changes and endless left-right turns, Arivaca Road is more like a smooth motocross course than a public road.

Although it might have been taxing for big cars like the Mercedes 3.5s or the '63 Thunderbird Sports Roadster—brought by T-bird collectors Jim and Karon Eisberg of Prescott—it no doubt delighted drivers of smaller, more nimble cars. You can bet that the effervescent Jess and Eddie Marker were having a ball on Arivaca Road in their 1960 Lotus Type 14 Elite, and so were Ron and Joan Yagoda in their '62Porsche 356 Roadster.

After Arivaca Road, the easygoing route 286 into Tucson almost came as a relief, but it wasn't without its scenic distractions, particularly as it became SR-86 approaching the city. Even though we didn't actually enter the Saguaro National Monument, the giant cacti and spectacular red rock hills were mesmerizingly beautiful, and Copperstaters as a whole slowed down to take in the sight of it all before heading into Tucson and our final evening on the road. Staged at the appropriately grand Westin La Paloma on the edge of the desert, the resort gave us a chance to relax by the pool, get a massage or perhaps do some shopping before sitting down to a fantastic dinner served in the garden, again in the company of new friends and old.

DAY FOUR

On the rally's final day, we said goodbye to Tucson and started on the road back to Phoenix, taking route 77 north past Biosphere II and into the saguaro-peopled desert south of Hayden. Passing again by one of the world's largest mining operations, we pressed on toward the



■ Day Two includes a refreshing mountaintop stop in Chiricahua National Monument and a crowd-drawing lunch stop in Bisbee. Day Three loops from Benson to Kartchner Caverns, Tombstone, Sonoita, lunch at Patagonia Lake State Park, a pass by the Mexican border at Nogales and Tuesday night in Tucson.

Boyce Thomson Southwestern Arboretum and our final lunch stop. Tours of the arboretum enabled Copperstaterers to put names to the fantastic desert vegetation they'd been seeing, and more than a few took the opportunity to bring home new succulents for the garden.

Before returning to Phoenix proper and our final night together at the Westin Kierland, the Copperstate route took us over the Usery Pass and along the scenic route past Mormon Flat and Horse Mesa dams. The higher elevations brought cooler air as well as a change of scenery, which was welcomed by car and participant alike as a brief



14th Annual Copperstate 1000

Vintage Car Road Rallye

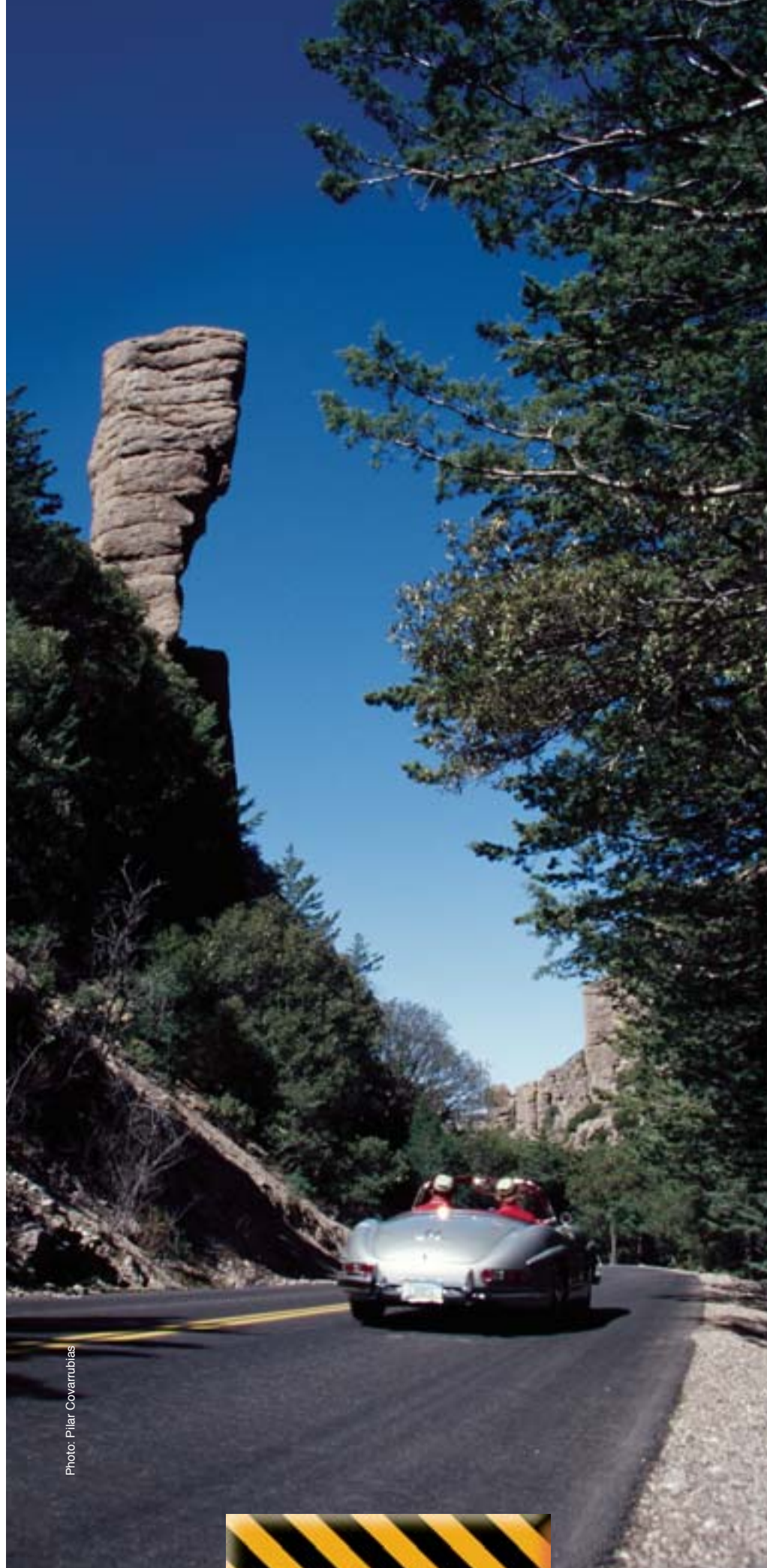
Saturday, April 17 - Wednesday, April 21, 2004

Copperstate 1000 is a celebration of the Arizona landscape and the artful design of the automobile. Over 60 cars from around the world participate in this 4-day vintage car road rallye that travels 1000 miles through Arizona.

If you would like to receive an application packet please call 602.307.2060 or visit copperstate1000.com. Sports, touring, or vintage racing cars manufactured before January 1, 1970 are eligible to apply.



The rallye is a fund raising event for Phoenix Art Museum and is organized by Men's Arts Council, a support organization of the Museum.



■ Tuesday evening ended at the Westin La Paloma in Tucson. A local crowd mingled with the machinery, the DPS officers dusted off their boots and polished up their bikes, and dinner was served in the gardens. Wednesday, Day Four, brought us back to the Valley of the Sun, for an awards banquet at the Westin Kierland. See you next year!

respice before the heat of Phoenix engulfed us on our return. For locals, too, it was a great reminder that it isn't necessary to drive 1,000 miles to find great roads or fascinating scenery—there's plenty of both in Phoenix's back yard.

The rally over, we spent a final evening together that included an awards presentation and a sincere thank-you to both the Phoenix Art Museum crew who'd put the event together and to the officers of the Arizona Department of Public Safety who'd made sure everyone had fun on the roads without letting things get out of hand. The rally had been superbly organized, and thanks to the DPS officers neither accidents nor traffic tickets characterized the event. Those who'd needed mechanical assistance had been promptly taken care of by Arizona AAA, and those whose cars couldn't be fixed en route were provided with shiny new Lexus cars in which to continue. Between the organization, the cars and the people, the Copperstate 1000 was a real success, reminding all who participated that there's more to driving than getting from point A to point B, or worse, sitting in traffic. There's still plenty of fun to be had with a good car, a good road and good friends. Throw in some of the world's most spectacular scenery, and you've got it made. ■

PILAR COVARRUBIAS has been a motoring journalist for over 15 years. She grew up on dirt bikes and later turned to club-racing 125cc grand prix motorcycles. Having survived thus far, she turned her attention to performance and vintage automobiles.

Photo: Howard Koby

Photo: Pilar Covarrubias

SUBSCRIBE!

Arizona Driver Magazine is published bimonthly (6x/year).
Subscribe for \$18/year by sending check or money order.
US subscriptions only.

ADVERTISE!

Arizona Driver Magazine
PO Box 13387
Scottsdale AZ 85267
480-948-0200

All new, all powerful,



and definitely all Harley

100TH ANNIVERSARY EDITION : HARLEY-DAVIDSON V-ROD

Introduced in the 2002 model line-up, the V-Rod™ motorcycle represents the first member of a new family of Harley-Davidson motorcycles—the performance custom. A tightly refined package of pure custom Harley-Davidson style and attitude backed with the performance of the liquid-cooled, 60-degree, Revolution engine, the V-Rod plays to your senses and your soul.

The Harley-Davidson VRSCA V-Rod, launched amid a frenzy of acclaim from the public and press in mid-summer 2001, has already received 13 awards internationally—making this motorcycle the most applauded motorcycle in the 100-year history of the Motor Company. To date, the V-Rod has been named Best Cruiser by *Cycle World*; Motorcycle of the Year by *Motorcyclist* magazine; Cruiser of the Year by *Cruising Rider*; one of the Top Six Bikes of 2002 by *Hot Bike* magazine; Bike of the Year by German



publication *MOTORRAD*; and Cruiser of the Year by England's *MCN* magazine. Beyond these awards, the V-Rod was also honored by *Popular Mechanics*, listed as the Best of What's New by *Popular Science* and was included on the *Men's Journal* list of "Perfect Things." No wonder it's gracing our pages, too.

All these awards and honors make it easy to understand why the V-Rod was Europe's top-selling Harley-Davidson model in 2002, with bikes hustling off showroom floors as quickly as they move down the highway. In the US, sales have been just as robust, with the new motorcycle quickly becoming one of the top-selling models in the company's lineup.

How does a company famed for its iconic cruisers define a factory-built performance custom? H-D says that from its all-new liquid-cooled V-Twin Revolution powerplant to its long, low dragster-inspired looks, the V-Rod is pure American muscle in a

raw, pavement-devouring package. First introduced as a 2002 model with an anodized aluminum finish (see photos at right and lower right), 2003 model V-Rods include special identification to celebrate the 100th Anniversary of the legendary motorcycle manufacturer (above and upper right).

"We're thrilled that the V-Rod has inspired so much enthusiasm among riders and the press, winning so many awards," said Willie G. Davidson, vice president of styling for Harley-Davidson. "When we designed the V-Rod, we knew it would be a special machine. And I'm proud that others like it as much as we do."

In capturing the prestigious 2002 Motorcycle of the Year Award from *Motorcyclist* magazine, the editors explained, "You still can't ride a V-Rod anywhere without drawing a crowd. No V-Twin cruiser is quicker. Better yet, there's no mistaking the V-Rod for anything else on the road, custom or production."

Cycle World said, "The American manufacturer created a new, more youthful image for itself, and became the undisputed leader of the burgeoning Power Cruiser class. It's a script so unlikely, you'd think it came from Hollywood—except it happened in Milwaukee."

While awarding a top Design and Engineering honor, *Popular Mechanics* noted, "Harley's new muscle machine called the V-Rod grabs everyone's attention. The bike combines serious fork rake with a long 67.5-in. wheelbase to give it the true look of a custom." ■

THE VRSCA V-ROD MOTORCYCLE FEATURES:

- Aluminum bodywork
- Cosmetic, silver painted hydroformed frame
- 18-inch disc rear, 19-inch disk front
- Triple-disc brakes
- Braided brake lines
- Under seat 3.7-gallon fuel tank
- Aluminum radiator shroud
- Twin vortex air scoops
- Dragster-inspired styling
- 38-degree fork angle
- 34-degree steering head angle
- 49mm forks
- Aerodynamic, reflector optic headlight
- 180mm wide rear tire
- Low 26-inch seat height
- "Shaved" engine fins
- Suggested retail \$17,995 (non-Calif.)





OPEN ROAD TOUR IN LA



It was a hundred years in the making and we'll never see anything like it again in our lifetimes. It was huge (more than 50 acres), truly an entertainment extravaganza (more than 12 bands on two stages) and it had something for everyone. In the Harley-Davidson centennial event closest to Arizona, California Speedway hosted the third leg of a 10-city worldwide traveling celebration uniting motorcycles, music, history and more. This was the Harley-Davidson 100th Anniversary Open Road Tour, a series of gigantic weekend festivals created to ignite the passion for freedom and celebrate a true American icon.

But because the world had never seen an event the size or scope of the Open Road Tour, it may be easier to look at it this way:

- It was bigger than a concert—every Open Road Tour stop featured at least 12 incredible musical acts over three days. Los Lobos, Journey and the Doobie Brothers performed in Los Angeles, where music lovers also had the chance to see The Doors perform for the first time since 1971.
- It was cooler than the Guggenheim's "Art of the Motorcycle"—Elvis and Jon Bon Jovi's Harleys were just a few of the amazing motorcycles on display. Multimedia exhibits displayed the colorful history of the Motor Company, with never-before-seen machines and artifacts from the Harley-Davidson Archives, and even vintage motorcycle toys!
- It was no county fair—motorcycle drill teams and stunt riders put on daily shows. Need an adrenaline break? How about a 2,000-seat theater showcasing Harley-Davidson's portrayal in the movies over time, or the children's pavilion with kids' games and demo-rides on Fisher-Price Harley-Davidson ride-on motorcycle toys.
- There was entertainment you can't see anywhere else—there were also theater-style shows including a high-energy tap and rhythm spectacular and biker fashion show that can be found only at a



Harley-Davidson event.

And it was all for a good cause—the Harley-Davidson Open Road Tour and other 100th Anniversary events are raising funds to help find a cure for muscular dystrophy and to aid research and program services for children and adults with neuromuscular diseases.

"It's hard to put into words," said Joanne Bischmann, vice president of marketing for Harley-Davidson. "We knew that kicking off Harley-Davidson's next 100 years was going to call for something huge—an unforgettable Harley-Davidson experience for anyone who participates. We think the Open Road Tour fits the bill."

The official birthday party took place in Milwaukee on August 31, 2003, launching Harley-Davidson into the next 100 years. ■



FOOD COURT TEXACO

- Texaco Gas/Diesel
- Weiss Guys Car Wash
- Weiss Guys Detail Shop
- Weiss Guys Window Tint
- Samurai Sam's Teriyaki
- Blue Saguaro Sandwiches/Coffee
- Rave FabriCare
- Sushi 'N Rock Karaoke Restaurant & Bar
- The UPS Store



Easy access on Hayden

One block south of Costco next to Schumacher European

SCOTTSDALE AIRPARK
15111 N. Hayden Road
Scottsdale • 480-561-2611



THE INSIDE TRACK: BRIEFS & RUMORS

■ **Audi** has been seen testing an RS4 sedan at the famous Nurbürgring track in Germany. The RS4, which was built for a



Audi RS4 Avant

short run in 2001, will be introduced back into the US market in 2004. The engine will likely be a twin-turbocharged version of the 3.0-liter V-6 engine. Exterior enhancements seen at Nurbürgring included the same front air dam and nine-spoke wheels as used on the larger RS6.

■ **Michelin** will offer a system that will automatically monitor tire pressure and maintain correct inflation. The system, which will also allow drivers to vary pressure for different driving conditions, will be available in 2006.

■ **BMW's** new X3 will go on sale late this year as a 2004 model. The X3 is like a smaller version of the X5 SUV using the same basic all-wheel-drive system as the X5, but with a 2.5 or 3.0-liter inline six-cylinder engine. Prices should start at \$35,000.



BMW X3

■ **Ford** had planned to build a new factory in Georgia to produce the replacements for the Taurus and Mercury Sable. That plan has recently been shelved and Ford insiders are saying the aging vehicles will continue, with a possible freshening in 2006 and will endure through the 2009 model year.

■ As if the **Mercedes-Benz** SL55 AMG wasn't fast enough with its 5.5-liter twin-turbo V-8 engine rated at 493-hp, the company is planning to build an SL65 with a twin-turbo-

charged 6.5-liter V-12 engine rated at 604 horsepower and an unbelievable 738 lb.ft. of torque. Plans also call for an S65 sedan and a CL65 coupe with the same monster engine. What is not yet known is if the supercars will be sold in the U.S. market.

■ Purdue University researchers are studying the **noise pollution** made by tires rolling on highways. Early test results indicate tire design and construction have little effect on the noise, but the porosity of the road surface seems to be the culprit.

■ **BMW** has approved two- and four-door hatchback versions of its new 1-Series. Several other variants are possible over the vehicle's life cycle, including a coupe or roadster, four-seat convertible, raised-roof hatchback and an X1 SUV (a downsized version of the new X3). 1-Series engine choices include four different four-cylinders: a 1.8-liter producing 125-hp, 2.0-liter at 150-hp, 200-hp 2.0-liter turbo and 240-hp 2.0-liter turbo. Plans call for a thinly disguised pre-production version to show in October 2004 at the Geneva auto show.

■ **General Motors** is getting into the custom wheel business, planning to introduce a lineup of custom aftermarket wheel sets at the Specialty Equipment Market Association (SEMA) show at Las Vegas in November. GM has warned dealers against selling new vehicles with aftermarket wheels because they might not be safe or fit correctly. Dealers complained, so GM will now offer the aftermarket accessories, so dealers don't lose the profitable sales.

■ With **Nissan** building its large SUV, the Armada, it appears Infiniti will be configuring its own upscale version called the QX56. It will be powered by a 5.6-liter V-8 producing more than 300-hp and it will be aimed directly at the Lincoln Navi-



Nissan Armada

gator, Cadillac Escalade and Lexus LX470. Pricing should be in the \$50,000 neighborhood when the jumbo SUV goes on sale next spring.

■ **FedEx** has purchased 20 diesel/electric hybrid trucks for its delivery fleet and expects to add 30,000 more. FedEx Express unit president David J. Bronczek said: "I can't envision any reason why we wouldn't roll this out over the whole fleet." The trucks will be more expensive to purchase, he said, but the expected 50 percent fuel savings and lower maintenance cost will allow the company to break even over the 10- to 12-year life of the trucks. They will reduce particle emissions by up to 90 percent and smog-causing nitrogen dioxide by 75 percent.

■ Lightweight carbon fiber has been an important material for cutting weight in race cars, and usage has been creeping into some exotic production cars. Now Chevrolet will be using a carbon fiber hood on the **Corvette** Z06 Commemorative Edition. The normal fiberglass hood weighs 31.5 pounds, while the carbon fiber hood weighs only 20.5 pounds and uses the material for both the structure and the smooth surface finish. Generally carbon fiber is used with the woven pattern exposed.

■ **Toyota** created the Scion brand to help lower the average new car buyer's age and the plan appears to be working initially. According to Toyota, the average



Scion xA

age of a Scion buyer is 36, with a median age of 33, and the company is on its way to having the youngest buyers in the industry. Although it's still early, the initial response appears to be very successful.

■ **Renault** is planning to come back to the United States after being gone since 1987. Using its Nissan connection, Renault could possibly sell through that existing dealer network and ultimately could build cars at a US Nissan plant. Because of their common ownership, many of the vehicles will share common platforms by the end of this decade. Don't look for new Renaults in the US until 2010 at the earliest.

■ The second vehicle to wear the **Cadillac** V-series performance badge will be a truck. The Cadillac Escalade V-series will be fitted with the 7.5-liter DOHC all-aluminum V-12 engine, rated at 500 hp, that was first shown in the 2002 Cien supercar concept.

■ Volkswagen, which owns **Bugatti**, has approved production of the Bugatti EB 16.4 Veyron. A 987-hp 8.0-liter W-16 engine powers the supercar, which debuted at the 1999 Tokyo auto show. Performance is listed as 0-to-62 mph (100 km/h) in 2.9 seconds with a top speed of 252 mph. Production is limited to 50 vehicles per year, each with a price tag starting at about \$1.2 million. The factory is located on the grounds of Chateau St. Jean near Molsheim, France.



Bugatti EB 16.4 Veyron

■ **Porsche** is going to sell a Cabriolet version of the all-wheel-drive Carrera 4S for the 2004 model year, equipped with the same 315-hp 3.6-liter flat six-cylinder engine as the coupe. The Cabriolet will get the same 13-inch brakes that are used on the 911 Turbo. The new convertible will have a top speed of 174 mph and a 0-to-62 mph acceleration time of 5.3 seconds. It goes on sale in October for \$93,200.

■ **Maserati** plans to sell a four-door sport sedan by next summer. The sleek Quattroporte sedan is notable because it has portholes in the front fenders similar to those on older Buicks. The all-wheel-drive Maserati is powered by a 4.2-liter 395-hp V-8 and is expected to be priced in the \$95,000 to \$100,000 range.



Maserati Quattroporte

■ **Subaru's** next generation Legacy, which arrives next spring as a 2005 model, will be offered in new, more powerful versions of the flat four- and six-cylinder engines, and there will also be an all-new turbocharged 2.5-liter flat four

rated at 250-hp. The Legacy hasn't been offered with a turbocharger option since 1994. Engineers were also able to cut about 175 pounds off the body and chassis by using lighter strength-steel.

■ One thing missing from the Australian-built **Pontiac** GTO that debuts this year as a 2004 model is the trademark hood scoops of the original. GTO fans who saw prerelease photos of the car complained; GM responded by announcing the 2005 model would add the scoops.

■ **Pininfarina** S.p.A., the famous Italian automotive design firm and coach builder, is working on the design of a new sport utility vehicle. Known best for its work for Ferrari, Pininfarina chairman Sergio Pininfarina said it is still a secret who the new SUV is being designed for, but that is should be ready in a few months.

■ **BMW** will offer a color heads-up display as an option on the new 5 series. The programmable display will display vital information including navigation instructions in an image that appears to be floating over the hood at a distance of about six feet. The system is expected to cost about \$1,125.

■ It's now possible to buy a **Morgan** Plus 8 in the US without having to convert to US specs. The factory-legal open-top British sports cars are now being sold at six US dealerships with a base price of \$64,000. A 4.0-liter Land Rover V-8 engine rated at 187-hp powers the Plus 8. It accelerates to 60 mph in an impressive 5.6 seconds. Morgan expects to sell about 100 to 150 Plus 8s yearly. ■

Briefs & Rumors is a summary of auto news from industry sources, trade journals and consumer magazines compiled for *Arizona Driver* by **BILL & BARBARA SCHAFFER** of *Auto Digest*.

UPCOMING FEATURES

Round-the-World includes Arizona



"Adventure capitalist" Jim Rogers visits Arizona, one of the last legs on his many-times-round-the-world tour of 116 countries via 152,000 road miles, in a highly custom combination Mercedes-Benz SLK convertible and Geländewagen running gear plus coordinated trailer.

Arizona Auction Season Returns



The Valley of the Sun prepares its winter welcome mat for enthusiasts worldwide, as Barrett-Jackson, Russo and Steele, Kruse International, RM Classics and Silver Auctions gather hundreds of world-class rarities for auction. Most events offer much to see and do for the non-bidder.

Photo: Russo and Steele

Automotive Fine Art by Don Evenson



**Private
commissioned
paintings
in oil or acrylic**

*Private patrons nationwide;
commercial clients include:*

Bank of America, Boeing,
Best Western Hotels, Clorox,
Chrysler Corporation, Dole Foods,
Fulton Homes, GTE, Honeywell,
Hunt-Wesson, Levi Strauss,
Pizza Hut, Rockwell International,
Scottsdale Healthcare, Shaklee,
Sierra Club, Standard Oil,
Transamerica, Valvoline, Yamaha.

11259 E. Via Linda • Suite 100-185 • Scottsdale AZ 85259 • 480-661-8410 • cell 480-560-5598

Introducing The Ultimate Garage!



**IT'S
WEATHERPROOF,
WATERPROOF,
BUGPROOF,
AND
FIRE RATED**

**Introductory Pricing with
Discounts Available
from \$300 - \$800**

GarageTek can transform your cluttered garage into an attractive, organized storage area or workspace, with plenty of room for your cars! GarageTek is easy to reconfigure and expand as your needs change. The most user-friendly organizing system available, GarageTek's patented TekPanel™ allows for adding and rearranging with ease. Units move up or down, side to side, leaving no unsightly holes in the wall, for the most in flexible storage and space efficiency. Call for an appointment to visit our showroom or our completely furnished model garages.

- Maintenance Free
- Custom Designs
- Professionally Installed
- 10-Year Warranty

**GARAGE
TEK**
A Furnished Garage
Is A Beautiful Thing

Call to schedule an appointment
with our organizational designer.
623-580-0900 • garagetekaz@qwest.net
www.garagetek.com

It's All About Drive.



TIREXCHANGE, INC.
PERFORMANCE TIRES AND WHEELS

15485 N. 84th Street
Scottsdale AZ 85260
1-800-766-2588 • 480-596-9655

BRIDGESTONE
A GRIP ON THE FUTURE

bridgestonetire.com
tiresafety.com
1-800-807-9555