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Jasper Engines & Transmissions mourns the loss of its longest-serving Associate, Gervase Schwenk. Gervase succumbed to cancer September 8th at the age of 86.

"Not only do we lose a good friend, unbelievable businessman and chairman, but truly a gentle giant who was extremely humble and cared more about others than he cared about himself," says JASPER president Doug Bawel. "His loss will be tough, but his legacy must live on."

Gervase's passing closes the book on an amazing 64-year career with JASPER dating back to April 1st, 1946. A World War II Veteran, Gervase was hired by our founders Hilda and Alvin C. Ruxer as a bookkeeper. Though Gervase had very little formal higher education, he soon became involved in all phases of Jasper Engines & Transmissions, serving as general manager, building-construction planner, and equipment designer. A self-taught computer programmer, Gervase has written company computer programs. As Chairman of The Board, he managed the company's investments and finances. He was recently recognized as in the Top 10% of fund managers in the United States.

Friends remember Gervase as a man who loved life. This was reflected by his hobbies of boating, water skiing, jet skiing, bicycling, motorcycling, snow skiing, fishing, RV'ing and Grand Parenting. He had a well-earned reputation for thriftiness. A co-worker remembered Gervase as being the first on the ski lift in the morning, and the last to leave the slopes at night so that he would "get his money's worth," even though as a senior citizen 70+ he got in free. It was that same thrift, along with innovative thinking, that made Gervase "the answer man," the one everyone turned to when there was a problem. He is remembered as an Associate who implemented Alvin C. Ruxer's business ideas, yet remained

modest, and famously downplayed the uniqueness of his own efforts for the company.

"Although we all have our special memories, and I'm sure many of those will be shared, each of us must work a little smarter to ensure the foundation Gervase has laid continues," added Bawel.

Gervase's skills as a businessman, and his love of community, caused many organizations in Southern Indiana to seek his counsel. He was an active board member of Memorial Hospital and Health Care Center in Jasper, and on the Board of Catholic Foundation of Southwestern Indiana. Gervase previously served on the Vincennes University Foundation Board, The Dubois County Community Foundation Board for 10 years, the Precious Blood Capital Campaign, the Sisters of Saint Benedict (EAC and Investments Committee), the Board of Directors for Fifth Third Bank and the Saint Meinrad Archabbey Endowment Committee.

Gervase was the recipient of the President's

*(continued on page 6)*



**Gervase Schwenk served many roles in his 64 years of service with JASPER, from bookkeeper to managing the company's profit-sharing plan.**

## **Mastertech Auto Repair**

Harrison, Arkansas, is the home of Mastertech Auto Repair. Situated halfway between Little Rock and Springfield, Missouri, Mastertech provides complete service and repair for domestic and import cars and light-duty trucks.

The automotive career of Mastertech owner, John Sagers Sr., spans over 50 years, either repairing vehicles, teaching auto repair to college students or running his business. Prior to opening Mastertech, John, Sr. taught automotive technology at what is now known as the North Campus of North Arkansas College. "It was exciting to get a hold of a young man who had talent and determination, and give him the right training," said John, Sr.

In May of 1999, at the urging of his son, John Sagers Jr., John Sr. opened Mastertech in a leased 3,500 square foot building on Highway 65 South in Harrison. Five years later, Mastertech moved to its present location at 3925 Duncan Drive. At 8,400 square feet, this shop is over twice the size of the original building, with 12 service bays and nine lifts.

John Sr. is very proud of his business, the appearance of his building and the service that is offered. But most important, he's proud of his technicians. Three are ASE Certified Master Techs, one is ASE Certified in brakes, and his two service advisors are ASE Certified automobile service consultants. It was the certification that was the inspiration for the name of the business.

"We wanted a name that would promote a professional image, a master

technician," says John Sr. "Branding is very important in this business and we wanted a distinct name in order to promote our brand."

Since 2006, Mastertech Auto has been an installer of JASPER remanufactured engines, transmissions and transfer cases. "Mastertech uses JASPER products because of their 3-year, 100,000 mile, warranty and no-hassle claims," says John Sr. "Several of our customers have heard of JASPER's reputation for a quality product."

John Sr.'s approach to Mastertech has brought his business many honors within the community. He's received an award as a Distinguished Leader in Small Business, and Mastertech has been voted "Best of The Best" the past two years by a local newspaper reader poll. "Our motto is 'Repaired correctly, in a timely manner, at a fair price,'" added John Sr. "What the customer wants most is to get the car back promptly and when promised."

Mastertech Auto Repair has recently branched out to include collision repair and towing. They also offer a free pick-up service for their customers' convenience. It's part of John Sr.'s future plans to always try to bring more customers to Mastertech.

"People basically have three choices: buy a new car, fix an old one, or walk," says John Sr. "In the present economy, people aren't buying new cars, so maintenance is important. Quality car repair is recession resistant."



**Mastertech Auto Repair in Harrison, Arkansas, offers complete service and repair for domestic and foreign cars and light-duty trucks.**

## **Late-Model Duramax Running Complete Diesel Available From JASPER**

Jasper Engines & Transmissions has the latest style GM 6.6L Duramax Running Complete Remanufactured diesel engine available for purchase. Until now, JASPER only offered the Duramax in the Complete format.

This engine covers the 2006, 2007 & 2008 Silverado and Sierra pickups, Savana & Express Vans, as well as the Topkick & Kodiak applications.

“This engine is unique from the earlier model Duramax diesel in that it has a larger water pump, different block, heads, crankshaft and lower compression pistons,” says Fred Ernst, JASPER Diesel Marketing Manager. “These changes have been implemented by the manufacturer to either improve the emissions, the durability, or the overall performance of the engine.”

The GM 6.6L Duramax Running Complete is a completely remanufactured JASPER diesel engine, and includes the turbocharger, fuel injection system, common rail system and



**The GM 6.6L Duramax diesel engine is available as a Running Complete from JASPER.**

injectors, EGR valve and cooler, intake and exhaust manifolds, water outlet, fuel filter, thermostat and housing, valve covers and glow plugs. The engine is live-run dynamometer tested to assure

trouble-free engine performance.

This engine is covered by a two year parts and labor warranty. A full warranty disclosure is available at [www.jasperengines.com](http://www.jasperengines.com).

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## **JASPER Offers Late-Model Cummins ISB 6.7L Complete Diesel Engine**

Jasper Engines & Transmissions has available the late-model Cummins ISB 6.7 liter Common Rail Front Gear Train Complete engine for exchange.

This JASPER remanufactured engine is currently available for the 2007-2010 Dodge 2500, 3500, 4500 & 5500 series trucks and the 2008 Sterling Bullet truck.

“We are breaking away from our traditional Complete Cummins format for this application and are including the Oil Pan, Oil Pickup Tube & Outer Front Cover,” says Fred Ernst, JASPER Diesel Marketing Manager.

This new product includes the block, head, crank, cam, rods, valve train, oil pump, oil pan & pickup tube, oil filter, oil cooler, inner & outer gear covers and finishing gaskets.

This engine is covered by a one year parts and labor warranty. A full



warranty disclosure is available at [www.jasperengines.com](http://www.jasperengines.com).

“We are moving forward with plans to also have this Complete engine available for a broader range of appli-

cations than the Dodge truck, both on and off highway, as well as the development of our Running Complete format,” added Ernst. “Be watching & listening for that future announcement.”

# A Good Detective Uses A Good Scope

by Jim Davenport, JASPER National Technician Instructor

## Jim Davenport

has over 40 years experience in the automotive industry. During that time, Jim graduated from Vocational Technical College in Maryland



majoring in Automotive Technology. He has been an ASE-Certified Master Technician since 1973. Jim has been a Parts and Service Manager of many different vehicle makes. He has been an Independent Auto Repair Claims Inspector, and Better Business Bureau Field Inspector. Jim has been with JASPER as a National Technician Instructor for eight years and is a member of the North America Council of Automotive Teachers.

In the past, I always talked about being a good detective, and I feel that a good tool to use to help us in our troubleshooting work is a good lab oscilloscope. We'll just call them 'scopes' for short.

Now, not all scopes are up to par for finding all the glitches you may run into. In the automotive world, be sure you have a scope that is sensitive enough to find the bugs and not just pass over them.

For example, the sample rate of the scope should be at least 10 megasamples per second, or more, and have a bandwidth at 5 megahertz per channel minimum, to 20 megahertz per channel maximum. If your scope doesn't meet these specs, it might be too slow. You could run the risk of missing faults in a circuit you're trying to troubleshoot.

The other cool thing is having good patterns to compare with. There are plenty of websites that offer free scope

patterns. One site I like to use is [www.picoauto.com](http://www.picoauto.com). Click on the *Library* tab at the top of the page, then scroll down to the *Library of Automotive Waveforms*. This area shows examples of good and bad waveforms from many different makes and models of vehicles. This can be an invaluable resource to use when diagnosing automotive faults.

Throughout the years, I've told you many stories of how a scope saved time and lots of money. One customer had a 1994 Jeep Grand Cherokee with a 5.9L engine. He came in for a simple oil and filter change. The shop gave this job to a low-skill technician. You may know where this story is going. The technician failed to remove the old o-ring off the engine when the new oil filter was installed. The 'double o-ring' blew out all the oil and destroyed the customer's engine. So the shop had to replace this engine.

After the installation of the new engine, there was a driveability issue. It ran rough and felt like it had spark plug wires that were crossed. However, there were no codes and nothing on the scan

tool to help out. Where to start? After an engine tune-up with new plugs, wires, cap, etc., the problem still existed. It was time to get out the scope and start making some circuit checks. A reading was taken from the crankshaft sensor and this waveform appeared (figure 1). The scope can zoom in on a pattern for a close-up look (figures 2 and 3). Was this a good pattern? Just to make sure, a known good pattern was acquired and was compared to the waveform from the vehicle (figure 4).

Something is not right! After a little more searching, it was determined the flywheel was bent just a little bit. This occurred either with the old engine, or when the new engine was replaced.

I am from the old generation of technicians and I wish I got into scopes years ago. I remember, at one time, I had access to a Sun Machine to check out secondary ignition systems. But, unfortunately, that's where it stopped.

If you have any thoughts on these and other subjects, please email me at: [jdavenport@jasperengines.com](mailto:jdavenport@jasperengines.com).

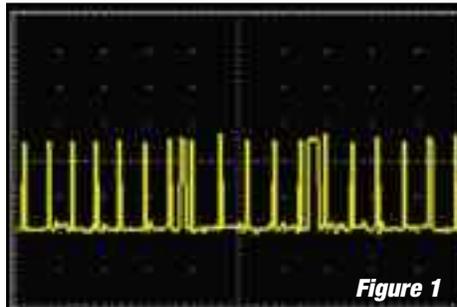


Figure 1

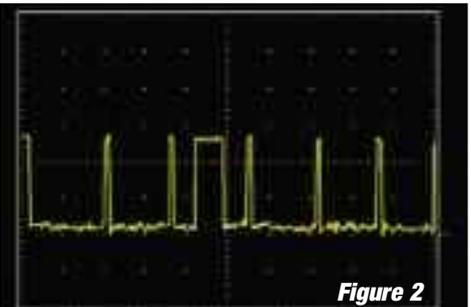


Figure 2

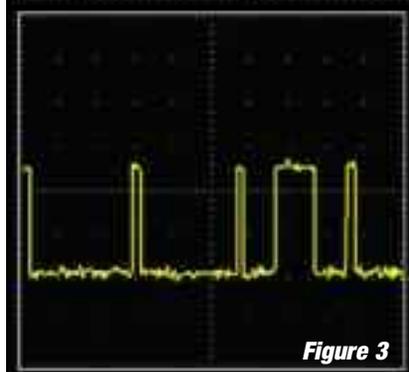


Figure 3



Figure 4

**The rough-running Jeep Cherokee showed this type of wave pattern when hooked up to the scope (figures 1, 2 & 3). These images were compared to a known good pattern (figure 4).**

# Model A's Motoring to JASPER

Several hundred perfectly restored Ford Model A's toured across southern Indiana in June as part of the 2010 Model A Restorers Club National Convention at the nearby French Lick Springs Resort. Several of these cars made a 25-mile excursion to the Jasper, Indiana, remanufacturing facility for a tour of the operations.

One such vehicle that made the trip was a rare 1930 Model A pickup owned by Michael and Denise Cannon of Rolling Prairie, Indiana. The vehicle's 3.3L (201 cubic inch) water-cooled four-cylinder was remanufactured by JASPER about five years ago. It was later discovered that many of the Model A's that made the trip to the Convention had an engine remanufactured at some point by JASPER.

Model A engines were among the first products remanufactured when JASPER first opened in 1942. The same can be said for the transmissions, after that division was started in



**A peek under the hood reveals the remanufactured four cylinder engine. The JASPER sticker remains visible behind the air filter. If only automobile engines remained this simple.**



**Michael and Denise Cannon of Rolling Prairie, Indiana, pose for a picture with their 1930 Model A pickup during their tour of the JASPER facility.**

1957. The ability to remanufacture both components remains today in our Jasper Authentic Custom Drivetrain division, putting 50 plus years of experience into each transmission and over 60 in each engine.

"We still have the equipment necessary to pour the bab-bitted bearings in-house & cut them to the strict tolerances & specifications required to meet JASPER standards," says Division Manager Alex Ernst. "Replacement parts for the engine and transmission are still readily available."

The Model A was the second huge success for the Ford Motor Company, replacing the iconic Model T. Ford produced over 4.8 million Model A's between 1927 and 1931 in many different body styles, including roadsters, coupes, sedans, pickups, panel trucks, station wagons, taxi cabs and top-of-the-line Town Car.

## Don't Forget The Parts Kit

You trusted us for the engine, now let us help with your installation with a JASPER custom-packaged parts kit.

Depending upon the type of engine, a JASPER custom-packaged parts kit includes all of the belts and radiator hoses, along with a mechanical fuel pump, water pump, thermostat, radiator cap, oil filter, fuel filter, air filter, breather filter, spark plugs, plug wires, rotor, distributor cap and PCV valve.

As you already know, JASPER custom packaged parts kits offer you many convenient benefits such as a savings over individually priced parts and the convenience of ordering your parts at the time you order your engine. Plus JASPER provides an exclusive warranty of up to 3 years/100,000 miles on gasoline engine applications. Of course the warranty applies when the kit is

purchased with a JASPER remanufactured engine.

JASPER custom-packed parts kits - they are the perfect way to finish off a fast, hassle-free installation.



# JASPER-Sponsored Tournament A Success for Special Olympics

The fifth annual Chad Morgenthaler Bass Tournament was another successful fundraiser for Special Olympics Illinois. The Jasper Engines & Transmissions-sponsored event drew 91 boats and raised nearly \$30,000 for Special Olympics.

Bryan and Tony Mitchell of Galatia, Illinois, topped this year's field with a five-fish limit weighing 18.32 pounds. The pair finished just over one pound ahead of second place Duke Jenkel and Jeff Atchison. The Mitchell's took home the \$2,500 top prize, plus another \$500 for catching the big bass of the tournament of nearly five and-a-half pounds.

The two-day event on Rend Lake featured raffles, auctions and a "Beat The Pros" challenge. Teams that entered an additional \$25 fee could try to match their talents against Morgenthaler and pro fishing legend Guido Hibdon. Teams



**Chad Morgenthaler (left) takes time for a picture with pro fishing legend Guido Hibdon during the JASPER sponsored fishing tournament to support Special Olympics Illinois.**



**Bryan and Tony Mitchell of Galatia, Illinois, took top honors at the fifth annual Chad Morgenthaler fishing tournament on Rend Lake. The two men took home \$3,000 in total prize money for winning the event, and for catching the largest bass in the tournament.**

that weighed in more fish than Morgenthaler and Hibdon received a gift pack and a chance to win a JASPER-donated \$500 Bass Pro Shops gift certificate. More than 30 teams bettered the 4.85 pounds caught by the two pros.

Of course the big winner is Special Olympics. In the five years Chad has held his tournament, the event has raised over \$130,000.

"It's just a privilege to have the opportunity to raise funds for such a worthy cause," says Morgenthaler. "This was our largest tournament ever. It's really growing and we're looking to do some additional things to make it even bigger and better."

Jeff Henson, Director of Special Events for Special Olympics, describes the tournament as one of the organizations biggest fund-raising events. "This has been a great opportunity for us to hit an audience we haven't hit before," said Henson. "It's really worked out great."

*(continued from front page)*

Community Excellence Award in 2009 by the Jasper Chamber of Commerce, which pays special recognition to an individual who has done an outstanding job in making Jasper a better place to live. He is also the recipient of the Boy Scout Distinguished Service Award in 1995, and the Brute Society Award in 1992.

When considering a major decision for the company, or at home, Gervase's philosophy was "Let's sleep on it". Well Gervase, you have earned a much deserved rest. Sleep Well, Good Friend.



**Gervase Schwenk, second from right, had the job in 1964 to sketch the plans for the Jasper facility. Reviewing the plans are Jerome Kerstiens (from left), Alvin C. Ruxer, Jasper Mayor Jack Newton, Gervase and Ray Bawel.**

## **JASPER Offers Remanufactured Chrysler 62TE Transmission**



Jasper Engines & Transmissions offers a remanufactured Chrysler 62TE automatic transmission on exchange. The 62TE can be found in the 2007-2009 Chrysler Pacifica, Sebring and Town & Country, and in the 2007-2009 Dodge Avenger, Grand Caravan and Journey.

Through research and development, JASPER offers solutions to correct original design failures with this transmission. The OEM designed metal sealing rings on the 62TE pump are replaced with solid Teflon rings to eliminate pump cross leaks. Second gear and fourth gear

loss is also a common concern with this transmission. Therefore, JASPER replaces every 2-4 clutch retaining snap ring with one of a heavier design, which prevents flexing and possible blowout. Last, but not least, every 62TE receives a new cooler bypass valve to eliminate the chance of cooler system contamination or failure.

The 62TE is covered by JASPER's 3-Year/100,000 mile nationwide transferable parts and labor warranty. A full warranty disclosure is available at [www.jasperengines.com](http://www.jasperengines.com).

## **Repairs.com Partnership**

Jasper Engines and Transmissions recently entered into an agreement with *Repairs.com* to use their referral service as another avenue to generate engine and transmission sales for the over 30,000 independent auto repair shops that have installed our product or contacted us in the past.

*Repairs.com* does various types of national advertising that generates leads of people needing engine and transmission replacement and other types of general repairs to their vehicles. They will refer these leads to you through their web site or call center. The lead could come to you in a phone call directly from the vehicle owner, or a person calling you from the call center asking you to call the vehicle owner.

This is another benefit as part of your relationship with JASPER at no additional charge to you. All we ask is that you proactively follow up on the leads provided by *Repairs.com*.

## **Fuel Components Offered for Complete Diesel Engines**

Jasper Engines & Transmissions is excited to announce that they will offer fuel components on many popular complete diesel engine applications.

These components, including pumps, turbochargers and injectors, will be available for the following complete diesel engines: GM 6.5L and 6.6L Duramax, International 444 and 6.0L, Cummins ISB and Mercedes 2.7L.

"Anytime a customer inquires about any of these complete engines, we will offer to quote the fuel system components as well," says Ryan Dooley, JASPER Diesel Fuel Room Manager.

"We feel this is a great opportunity for our installers to purchase remanufactured diesel fuel components at the

same time they purchase the complete engine," says Matt Weinzapfel, JASPER Diesel Division Manager.

A JASPER remanufactured complete diesel engine typically includes the block, head, crank, cam, rods, valve train, oil pump, oil pan & pickup tube, oil filter, oil cooler, inner & outer gear covers and finishing gaskets, based on application.

"We want to become that one-stop shop for the diesel engine installer, added Dooley."

For more information on these and other JASPER remanufactured products, contact us at 1-800-827-7455 or visit [www.jasperengines.com](http://www.jasperengines.com).



# Corvette Owners Visit JASPER

On August 13th, the Jasper Facility was visited by a special group of Corvette owners.

The National Corvette Museum in Bowling Green, Kentucky, offers a Museum Delivery program (Option R8C) to new Corvette owners. Option R8C must be specified at the time the order is finalized. A special ship code of 184590 is then designated to identify Corvette museum delivery.

What was once a bi-annual on-site event at the National Corvette Museum, the R8C/Xperience Reunion expanded this year to an annual event to meet the interests of its 7,000+ participants scattered from coast to coast.

This year's R8C/Xperience Reunion included an Indiana road tour for the participants. Jasper Engines and Transmissions had the good fortune to be a featured stop on their two-day trip through Indiana and Kentucky.



**(above) Sixteen late-model Chevy Corvettes were parked along the west side of the Jasper Facility. Their owners were members of the National Corvette Museum's R8C/Xperience Reunion. JASPER was a stop on a two-day trip through Indiana and Kentucky. (right) The group was lead through town by the Jasper Authentic Custom Drivetrain-powered 1966 Corvette.**



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