

NOW
IN OUR
32nd!
YEAR

AIMD™

AFTERMARKET MOTO DESIGN

THE LEADING BUSINESS MAGAZINE FOR THE INTERNATIONAL CUSTOM MOTORCYCLE AND PARTS INDUSTRY

Indian Motorcycle, Slingshot, Polaris to Make AIMExpo Return at Las Vegas, February 2024

AIMExpo has announced the return of Indian Motorcycle, Slingshot and Polaris displays at the upcoming 2024 event taking place in Las Vegas (February 6-8, 2024).

"Everyone is excited for AIMExpo, which gives us the perfect opportunity to strengthen our relationships with dealers, media and others in powersports, and to support growth and education within

the industry," said Joey Lindahl, Marketing Director for Slingshot and Motorcycle Industry Council board member representing Polaris Inc.

"We'll have a sizeable footprint on the AIMExpo show floor to display an assortment of two, three and four-wheeled vehicles."

"We're happy to see the return of Indian and Slingshot to the AIMExpo floorplan and even more excited that Polaris is joining with their four-wheel line-up for the first time. With three separate booths and over 2,500 sq ft of exhibit space, theirs will be a prominent presence on the show

floor," said Cinnamon Kernes, MIC vice president of market expansion and events.

"Their dedication to helping the powersports industry grow, not just through participation at AIMExpo, but through the development of its wide-ranging products from two wheels to

CONNECT ENGAGE UNITE

four, is truly appreciated and we look forward to their participation contributing to our best show yet.

"To date, over 15 OEMs, several major distributors, and hundreds of powersports companies have already committed to 2024. The more than 225,000 sq ft show floor at the Las Vegas Convention Center is already 95% sold out," said Kernes.

Those 15 other OEMs include Aprilia, GasGas, Husqvarna, Indian, Kawasaki, KTM, Moto Guzzi, Moto Morini, MV Agusta, Piaggio, Slingshot, Suzuki, Triumph, Vespa and Yamaha.

"In its 10th year, this is a record number

of OEM commitments for the show, solidifying the event as the largest, most consequential powersports trade show in the country."

Additional show features include AIMExpo's Disruptive Thinking stage, which will feature an impactful education program delivered by Motorcycle & Powersports News and AIMExpo, New Product Central, two e-Bike demo tracks, the Dealer Recharge Zone, the MIC Business Center, the AIMExpo Industry Party powered by Turn 14, and more.

"Manufacturers are the center of our industry, building the machines we sell, accessorize and ride. Any industry insider who is serious about learning the latest trends and positioning themselves for success will want to be at AIMExpo. We expect a full house, with the entire powersports ecosystem under one roof, giving attendees the best opportunity to plan, learn and strategize for the coming sales season."

www.aimexpousa.com

NOV 2023

ISSUE #292

LETTER FROM UKRAINE



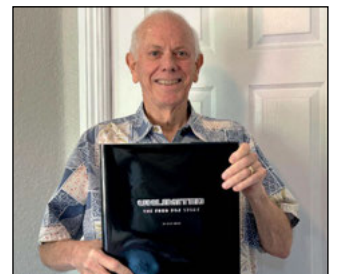
Supersprox



'KOLOR FLARES'



'THE FRED FOX STORY'



EXHAUST ANTI-TAMPERING MEASURES



Part II of our Drag Specialties and Parts Unlimited NVP vendor news expo review series - "so long Madison and thanks for all the Bratwurst" ... see pages 30-38.

100% NEW 100% ZODIAC



795093

**S&S MILWAUKEE EIGHT
PISTON COOLING JETS**



754879

**V-PERFORMANCE E-APPROVED
SATIN SILVER REVOLVER STYLE
2-INTO-1 SYSTEM**

For 2021 to present Softails



758116

**PERFORMANCE MACHINE RACE
SERIES ROCKER BOX COVERS**

For Milwaukee Eight engines



758110

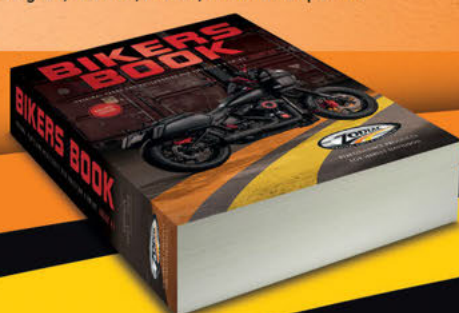
**PERFORMANCE MACHINE
RACE SERIES CAM COVER**

For Milwaukee Eight engines

ORDER THE ZODIAC BIKERS BOOK 2023

at www.zodiac.nl

The Zodiac catalog is available in English, German, French, Italian and Spanish.



761036

SU ELIMINATOR II CARBURETOR KITS

Available for all Big Twins from 1966-2000



FOR ALL HARLEY'S
AND AMERICAN V-TWINS
WE RECOMMEND

All Zodiac products are available through our dealers.
Find them at www.zodiac.nl/dealers



PERFORMANCE PRODUCTS FOR HARLEY-DAVIDSON

EDITOR-IN-CHIEF

ROBIN BRADLEY
robin@dealer-world.com

GENERAL MANAGER

SARA VINEY
sara@dealer-world.com

DESIGN & PRODUCTION DIRECTOR

BEN OAG
ben@dealer-world.com

PHOTOGRAPHERS

ONNO WIERINGA
MADNESS PHOTOGRAPHY, NL
www.madnessphotography.eu

HORST RÖSLER
www.motographer.de

TOLL FREE... FROM USA/ CANADA:

TEL: 1-866 849 5704
FAX: 1-866 521 0099

If for any reason you can't connect via our toll free numbers then dial
TEL: 01144 1892 511516
Fax: 01144 1892 511517

5, Rendlesham Mews,
Rendlesham, Woodbridge,
Suffolk IP12 2SZ
United Kingdom

TEL: 0044 (0)1892 511516
FAX: 0044 (0)1892 511517



OFFICIAL
MEMBER



MOTORCYCLE
INDUSTRY
COUNCIL

DISCLAIMERS

No part of AMD may be reproduced or used in any way without permission. The views contained in AMD are not necessarily the views of the publishers; the views of the publishers are not necessarily the views of any third parties. Every effort is made to ensure that all material included is as accurate as possible, however, neither the publishers or any third parties can be held responsible for any erroneous statements, facts, figures or just plain silly or honest mistakes or inaccuracies, howsoever caused. All trademarks, brand names and other key words are used purely for descriptive purposes. No approval, endorsement of, or involvement in the contents of AMD is implied by the use of these or any other words, names or marks associated with all or any companies. All trademarks are openly acknowledged by AMD and by any third parties included in AMD. All AMD editorial content is just exactly that, independently sourced, compiled and written editorial content for which no financial or other beneficial transaction or other kind of relationship, contractual or otherwise, has been entered into. No consequential losses or any other liabilities are accepted arising from content of any kind in AMD, howsoever caused.

'World Championship of Custom Bike Building' is a registered trademark of Robin A. Bradley, Dealer World

POST MASTER

AMD (ISSN 1465-7627) is published monthly by Dealer World, 5, Rendlesham Mews, Rendlesham, Woodbridge, Suffolk, IP12 2SZ, United Kingdom. Subscription price £200 per year. Postmaster: Please send address changes to: AMD, Dealer World, 5, Rendlesham Mews, Rendlesham, Woodbridge, Suffolk, IP12 2SZ, United Kingdom or e-mail to sara@dealer-world.com

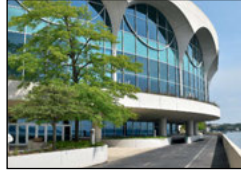
PRINT BY WARNERS MIDLANDS
BOURNE, LINCOLNSHIRE, GB

ISSN 1465-7627



COMMENT - Why Have One War When Two Will Do4

Just as the world was learning how to live with war on the European continent, another of the world's long-standing rivalries flares up again - and this time worse than for 50 years with notionally Palestinian terror groups deciding to try to poke the Israeli hornets' nest. Robin Bradley wonders if an increasingly risk-averse investor community could worsen the self-harm that Harley appears to be inflicting on itself.



DRAG SPECIALTIES: So long Madison and thanks for all the Bratwurst!30-36

AMD presents the second in its two-part vendor news review of the Parts Unlimited and Drag Specialties NVP Parts Expo as the market bids Auf Wiedersehen to the Frank Lloyd Wright inspired Monona Terrace and the Teutonic delights of Madison, Wisconsin's idiosyncratic cultural heritage.



EXHAUST ANTI-TAMPERING RULES: Initially aimed at Europe12-14

The latest generation of exhaust anti-tampering measures that will be adopted in Europe soon have been triggered by the EU type approval framework guidelines that mandate the application of United Nations Economic Commission for Europe regulations #92 (aftermarket silencers) no. 41 (original motorcycle) under the World Forum for the harmonization of vehicle regulations. The only upside is that the EU is supply-side writing the rules to the motorcycle industry itself, rather than politicians trying to pretend the know WTF they are doing!



ROBERTO COLANINNO: 1943-202325

Admired and reviled in equal measure, legendary Italian businessman Roberto Colaninno is the man who saved Piaggio from oblivion. In doing so and embarking on an ambitious acquisition program that added Aprilia and Moto Guzzi to the Vespa stable, Colaninno capped an industrial and commercial career in Italy that saw him buy and sell, save or ruin everything from car parts and typewriter/computer manufacturers, to Telecom businesses and Italy's once adored national Airline.



ROB'S DYNO: JRi Performance Front Fork Kits for Indian Big Twins52

Gardner, Massachusetts based Rob's Dyno Service is offering dealers access to JRi performance front fork cartridges and rear shocks supply and service program for Indian Motorcycle Big Twins. These performance suspension kits are specifically designed for Indian Touring models with 111 or 116 engines, from 2014 to present, including Challenger models.

AMD PRO GUIDE EXTRAS



p.40



p.46



p.50



p.40



p.48



p.58



p.23

Custom WEEK INDUSTRY NEWS

OEM News • Parts & Accessories • Performance • Shows & Events • New Products
AMD World Championship • Custom Bikes • Builder Community

Direct to your inbox

Quote 'CW Sign-up' to sara@dealer-world.com

Why Only Have One War When Two Will Do

*"Things fall apart; the center cannot hold;
Mere anarchy is loosed upon the world."*

That is a quote from 'Second Coming', a 1919 poem written by W.B. Yeats. Written at a post-war time when it appeared that even though it was theoretically peacetime, and the dreadful events of WWI behind him, the world felt to him like it was falling apart.

Sounds familiar? Technically those of us lucky enough to live in the United States, Europe or any of the other primary capitalist nations in the world are living in peacetime - at least our nations have not formally declared war, at least not on anything other than standards of behavior and good governance.

Yet here we are. In this interconnected global society and economy, it is hard to believe that the old boundaries between nations have no meaning anymore. Which leaves us all ever more vulnerable to theoretically "foreign" events. Trade has replaced lines on maps as the connections, boundaries and competing interests between nations, societies, economies and cultures and, just as assuredly as with a spider's web, when one part is attacked, all parts are attacked.

The first impacts we'll see from the events in the Middle East will be a compound of those we've endured from the war in Ukraine - it will simply make stock and bond markets even more risk averse and, inevitably, be a risk to interest rates and, if it really gets out of hand on a wider scale, then all the other tropes of economic instability will come into the crosshairs, from inflation and supply chains to oil prices and employment.

At the time of writing, dreadful though it so far is, there are no signs yet of the war between Israel and Hamas et al broadening into a wider regional conflagration (or worse), but in a region where stability has always been an unknown concept, we cannot assume that our humble little corner of global capitalism is assured of being unscathed.

It's hard to predict quite how and why it will hurt us, but neither can we be sure that it won't. To channel Donald Rumsfeld, it is the "unknown unknowns" that can hurt the worst. Its not about what we know, it's about what we don't know.

Which is exactly how I'd characterize where Harley is placed as we eye its Q3 fiscals (the week after press) and a 2024 in which its fortunes will be hugely shaped by its FY 2023 results - due to be released at the end of January 2024.

Regardless of what its MY 2024 strategy reveals (and my word, does it need to be something captivating!), and regardless of what investors and their analysts may think they believe, markets less concerned about products than they are about EPS and Earnings Per Share has been the principle which has driven management of H-D ever since the Wandell era.

The nuance may have morphed away from the utterly single-minded focus that Wandell brought to the recovery program that he implemented (as Harley reeled from the impacts of the 2007 - 2009 financial crisis) under Levatich, under Zeitz that laser-like intensity of focus on keeping investors sweet has not only returned under Zeitz, but been amplified.

After having moved so many of its long-term brand-loyal, enthusiast dealers out of the market or into retirement, a few months ago I described Harley's dealer policy as being to treat its 'New-Gen' capital-rich dealers as its own personal corporate ATM

- a sentiment which, btw, found widespread recognition among AMD's authorized dealer readers.

That has allowed Harley to manage inventory in tune with management bonus strategies rather than necessarily in-line with a dealership's local market needs and allowed the Harley board to maintain a level of shareholder remuneration (through dividends and share repurchases) that the direction of travel of its unit sales (regardless of pricing) simply cannot sustain.

Exhibit number one - Harley's share price - floundering around the £30.00 mark and headed south. It hit a 3 1/2 year low in the \$29.00 region in mid-September (the lowest since crashing to around \$23.00 in the March 2020 pandemic flash-crash) and second lowest in more than ten years.

Sure, all stocks are presently sliding like greased pigs, but really? If this bright new era of brand value, desirability and exclusivity has not got a financial upside, then it has nothing. And here we are heading into yet greater uncharted and uncertain economic and geo-political territory.

As a result, exhibit number two is Harley's market capitalization. At \$4.36bn (and headed south), it is also the lowest since March 2020 and second lowest in a decade - despite the theoretically beneficial impacts of the share buyback programs.

At traditional ratios, it's no exaggeration to say that there are less than well meaning potential buyers out there who could fit Harley-Davidson onto their Amex cards with limit left over.

Harley-Davidson is (again) a hostile take-over risk, just assuredly as it was in the darkest days of the Wandell and Levatich eras. What saved Harley then, as much as anything, were the wider economic considerations had put M&A activity into the deep freeze. The difference between then and now though is that there is plenty of money sloshing around Wall Street - there is a potential tsunami of investment capital that is just begging to be spent.

If Harley's share price and 'market cap' continue to deteriorate after the 2023 annuals are filed, and it likely will, then as Harley puts the 2020 'Rewire' three full years into its rear-view mirror and enters the third year of the subsequent 'Hardwire' strategic five-year plan, the clock will be ticking ever louder than it already is.

Harley's Chairman, CEO and President has theoretically shown himself to be a past master at playing a result-based game with big numbers, but when a calculated risk becomes a gamble, it generally becomes time for investors to start seeking safety. But with events way outside the control of a specialty, discretionary leisure dollar sector such as ours, having the potential to negatively shape the financial "art of the possible" for all of us, don't be surprised if that global instability spreads like a virus, infecting underperforming board rooms all over the world, just as it did in 2007/8 - not least the one we care most about in Milwaukee.

unknown
unknowns?

Robin Bradley
Co-owner/Editor-in-Chief
robin@dealer-world.com





FOR 2017+ M8 Touring & Select Twin Cam Models

SDR V2 MAX

VARIABLE PRESSURE CLUTCH

OVER 100% MORE CLAMPING FORCE OVER STOCK

SLIMMER PROFILE DESIGN, NO SPACER REQUIRED!

RATED UP TO 200+HP/TQ*

*Used with Performance Coil Spring Kit PN: AM008-005 with our SDR V2 MAX.

& THE PERFECT ACCESSORY TO GO WITH YOUR SDR V2 MAX IS OUR ALL NEW:

CLUTCH SOLID ADAPTERS

> NO MORE FLEXING
> POWER SHIFT WITH LESS FORCE
> IMPROVED CLUTCH CONTROL AT HIGH RPM



WWW.AIM-TAMACHI.COM
PHONE: USA 714-848-3030 --- EMAIL: INFO@AIM-TAMACHI.COM

LINKTREE/ AIMCLUTCHES AIM CORP AIMCLUTCHES AIMCORP/TAMACHI AIMCLUTCHES

ADAPTERS VP SDR

SCAN US PLEASE!



VIEJO



VIEJOCITO



LOUIE



LOUIE B



JASON

ALL NEW

HANDLEBARS

FIND US EVERYWHERE!



Our perfectly paired handlebars and cable kits are expertly engineered to mate to a specific height bar to your bike, and each kit includes throttle cables, clutch cable, brake line, and wiring specific to the year of your bike, ensuring a perfect fit and eliminating guesswork and mismatched lines.

BURLY BRAND

LEARN MORE / [BURLYBRAND.COM](https://burlybrand.com)

Letter From Ukraine

by DJ Maughling

It was November 2022 when I last wrote some words about the situation in Ukraine. Ten months later, the war is still raging in the East. The conflict will soon be two years old, and this war is no longer the world's number one topic.

Our company continues to work at our facilities in Ukraine and Poland. We have faced many difficult moments during 2023. The bombing of our city (Zhytomyr) is reduced to a level, where we are not often disturbed. There is an air defence system positioned somewhere in the vicinity and most rockets are shot down. At least we don't need to face that danger, so we

'the biggest challenge is loss of people from our team'

can focus on the abundant flow of other troubles. Always remembering, if the machines stop, the money will stop, and people's income will stop. **So, we NEVER STOP!**

Primarily, the biggest challenge is loss of people from our team. Approximately 50% of the team from 2021 are not working in our company any longer. It's a complex story and not everyone went into the army - some 30% (approx.) of our team were called up to serve.

The other 20% (approx.) left for other reasons connected to the war. We have replaced those missing 50% of staff with other staff or processes. You can easily imagine the impact of losing half the company workforce.

Replacing them with less experienced people and the impact on the business. Each new person is 70% as effective as the one who left. I would not criticize anyone for leaving, and do not know how I might have handled the situation myself if I were faced with the awful prospect of fighting at the front (I'm British, so that is not my situation).

With the death toll on the Ukraine side at an unparalleled high, it's not surprising that some of the people are reluctant to pick up weapons. This fact is impossible to miss as I drive through the city, passing a cemetery that is dedicated to Ukrainian military. Between 2014 and 2022, there were constantly one or two new flags each month. Every fallen soldier has a flag planted at their grave. Between the start of this year and my writing this letter, the rest of the graveyard has

been filled up (possibly 1,000 additional graves). To give an example, that brings home how dreadful war is, one of our staff is married to an officer, whose troop (Platoon) consisted of 30 soldiers at the end of 2022. Today, only five are remaining. That means 25 soldiers are injured or dead.

This is visually recognizable when one looks over the fence of any cemetery in Ukraine. The situation was bound to



change with the Ukrainian offensive. And the offensive was unavoidable if Ukraine is to secure its own land. We should not be under any illusion. If the war spread further than Ukraine, it would be our cemeteries filling up - and that's what allied governments are trying to avoid.

Business is the blood of the economy

As a result of the war, there is a grey market growing in Ukraine, resulting in the loss of tax income for the state. The government needs to show its foreign partners that tax income is stable, and that they will be able to support the mounting debts to the other nations and financial institutions that help keep the military support flowing. If the USA give a billion dollars to Ukraine, in terms of military equipment, that's not a real gift and should be paid back at some time. As long as Ukraine can show its

'the graveyard has been filled up'

competence, the river of aid keeps flowing.

There is a finite list of taxable pathways for a government, any government, to be able to collect revenue - VAT/sales taxes, duties, personal income tax, property taxes, corporate tax, social taxes - these make up most of the governmental income. Ultimately, elsewhere, all of

these are connected to companies. Without companies, the economy collapses.

With the loss of people from companies and organizations, the tax revenue has been dropping. This forces the government to squeeze a little harder. "Get more from less." In turn, this is driving many companies towards the grey market. Where goods are sold for cash and salaries are

partially paid with that cash. A double blow to the budget, because VAT (sales tax) will not be declared on goods sold for cash. A downward spiral of action and reaction.

'without companies, the economy collapses'

Supersprox doesn't sell anything in Ukraine and our company remains in the list of top taxpayers in the city. Not because we employ the greatest number of staff or pay the highest salaries or make the best profits. Its only because we work transparently. More for our own sanity, than our benevolence towards the state. As the government tries to squeeze more tax out of the remaining companies, it only hurts those who still operate within the tax laws. Those in the grey market are not suffering and moreover, they bring more difficulty to the honest ones.

The national bank/government are also obliged to tighten fiscal controls, to avoid currency devaluation or the outflow of US Dollar and euro from the country. We are all aware of the Argentinian economy and its troubles. How easily Ukraine could end up in the same situation if they take the wrong turn. Apart from winning this war, Ukraine also needs to win



back economic trust from the population. These days, nine from ten people who come for a job interview refuse our offer because they want to work unofficially.

The Future

Having said all that, we have been able to spread our risk and maintain our output. Moving some of the production from Ukraine to Poland helped us to keep volumes stable when we were losing staff in Ukraine. We have been automating processes wherever we can during this period - that will help us in the future. It is easy to exist when everything is going well, and we feel like business heroes. When it's all upside down, the situation demands more experience, determination and plain hard work.

I'm reminded of the years when I started my business career. The first ten years were very tough. Out of money and no prospect of developing the business further. Then in one moment, the markets changed, and the business took off. Back then we were exclusively based in the UK, and although 'Black Wednesday' in 1992, when the UK crashed ignominiously out of the European Exchange Rate Mechanism (ERM), was a domestic disaster for UK Inc. - we were among the exporters who benefited. Albeit for all the wrong reasons.

Suddenly Supersprox sprockets were 30% cheaper for companies in Europe and USA. I got in my car and drove to Mattighofen, Austria. KTM was a smaller company back then and I walked in to become OEM supplier overnight.

What I want to say is that opportunity from adversity is as true today as it was 30 years ago. I am carrying that thought through all these difficult days. Only the person who gives up is guaranteed to fail! All others stand a chance of success.

The decades before the war were good for Supersprox, but I believe surviving it will push us towards an even brighter future. But let it finish sooner, rather than later!

Start with the Best, Beat the Rest!



HHI Radial Mount Calipers

The New Radial Mount Caliper from HHI is a precision CNC machined 6-piston design made of 6061 billet aluminum. This Bolt-On design incorporates the popular 108mm mounting style used by leading suppliers of HD Performance Lower Legs Sets and Custom Front Ends. Using Differential Bore Technology for Optimum Performance and Dual Bridge construction for rigidity this caliper stops Great! Available in Machine, Black, Inca Gold, Aztec Red, and Chrome.



New! HHI Radial Brake Package for Competition

This exciting new kit comes with 2 sets of the latest DP competition brake pads, and hardware to upgrade your race bike with the latest 6-piston performance brake calipers.

All HHI Radial Calipers are available in Black, Chrome, Inca Gold, Aztec Red & Machine finishes!



New! HHI Rear Radial Mount 6-piston Caliper

with bracket for the popular 108mm installation

The new brake kit fits most 5mm thick aftermarket brake rotors fitted to 2009 & up FLH/FLT bikes with a 25mm axle.



HHI Hawg Halters Inc.

FOLLOW US ON FACEBOOK!

HawgHalters.com • Call 877.442.5837

HHI RENEGADE
Custom Motorcycle Wheels

HawgHalters.com/Renegade-Custom-Wheels

NEWS BRIEFS

Following the introduction of the successful X440, Harley and Indian market collaborator Hero Motor Corp. are rumored to be working on a 25 bhp 210 cc liquid-cooled single. The X440 scored 25,000 sales in the first month orders could be placed,



with deliveries slated to have started in mid-October. The engine for the X210 is thought likely to be the 210 cc single that Hero uses in its Karizma XMR 210, built by Hero. As a reminder, that's the firm which Harley-Davidson has partnered with to make the X440 a reality. Harley already has a badged X250 selling in the Chinese market and the 200 cc segment is "massive in India."

It would appear that Volcon's financial requirements continue to be a challenge. The Texas based EPowersports manufacturer implemented cost reduction strategies in September as it sought to improve its debt position. The company said it had agreed with its convertible noteholders to modify the terms of its convertible notes. The company says that its cost reduction strategies will "provide greater flexibility as it pushes toward the introduction of the first of its UTV models, the Stag, which the company expected to begin delivering in October." This was followed by a mid-October announcement of a 1-for-4 reverse stock split amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware.

Finland based electric motorcycle manufacturer Vergo has appointed the developer of Apple and Tesla stores, respected business and retail visionary George Blankenship, as its new Chief Revenue Officer. With a career spanning more than 40 years, Blankenship has developed acclaimed retail strategies for world-renowned brands and will be responsible for developing Vergo Motorcycles' customer interface and customer journey, as well as its global store strategy.

Independent of any regulatory investigation, it has been all systems stop for BMW Motorrad USA in September as it issued a North American 'Stop Sale' order to dealers in September for all new and used ICE units - following an "internal quality analysis." The cause remained uncertain as AMD went to press, but is believed to relate to a fuel system issue. This does not affect the new BMW CE04 electric bike.

AMA Hall of Fame Ceremony Honors Five 2023 Inductees

The AMA Motorcycle Hall of Fame inducted its 2023 Class in September, honoring five new members - including Rita Coombs, Ryan Dungey, Barry Hawk, Grant Langston and Travis Pastrana - all of whom received their Hall of Fame rings and gold jackets during the ceremony.

"We're truly delighted to gather here in Pickerington, Ohio, home of both the AMA headquarters and the esteemed AMA Motorcycle Hall of Fame, to celebrate this historic occasion," AMA President and CEO Rob Dingman said.

"But this event is far more than a banquet and ceremony designed to honor the remarkable individuals who have made significant contributions to our beloved sport," Dingman continued. "It also serves as a unique opportunity for us to unite in our shared mission of safeguarding motorcycle history for generations yet to come."

The AMA Motorcycle Hall of Fame also recognized the memories of Hall of Famers who passed away during the last year: Earl Bowlby, Fred Fox, Ronnie Rall and Peter Starr.

Supporters and partners for the 2023 AMA Motorcycle Hall of Fame Induction Ceremony included IronLilly.com, National Powersports Dealer Association, Dealernews, MX Sports, Feld Entertainment, Bromley Powersports, KTM, Yamaha and Broc Glover.

Class of 2023

Rita Coombs

Born in 1941, Rita Coombs - along with her husband Dave - found her calling in the world of motorcycles after seeing On Any Sunday in 1972. In 1973, the Coombs began promoting their own AMA amateur events and opened their own track, Appalachia Lake MX in Bruceton Mills, W.V.

They created the AMA Grand National Cross Country series, which is the largest and most prestigious off-road series in the world, and the AMA Amateur National Motocross Championships at Loretta Lynn's Ranch in Hurricane Mills, Tennessee. Since its inaugural running in 1982, the AMA Amateur National Motocross Championship has grown into the premier amateur event in the sport. After her husband's passing in 1998, Coombs continued to run the family business at a high level alongside her children, Carrie Jo, Tim and Davey.



Left to right: Rita Coombs, Ryan Dungey, Travis Pastrana, Grant Langston, and Barry Hawk.

Ryan Dungey

Possessing one of the most noteworthy 10-year runs in Motocross/Supercross history, from 2007-'17, Dungey produced four AMA Supercross 450SX titles and trio of motocross championships in the 450 class, emerging as one of the greatest competitors the sport has ever seen. Beyond his accomplishments in the United States, Dungey also spearheaded Team USA to three straight Motocross of Nations titles from 2009-'11.

Dungey holds the AMA Supercross record for most consecutive podium finishes, landing in the top three in 31 consecutive races across the 2015 and 2016 seasons. Now, Dungey gives back to the community through the Ryan Dungey Foundation, which aims to help children lead healthy lives and support those that are battling cancer.

Barry Hawk

An eight-time AMA Grand National Cross Country Champion, Hawk cemented himself as one of the greatest off-road competitors the sport has ever seen, capturing seven titles aboard an ATV and an additional championship on two wheels.

Beginning his professional career in 1990, Hawk raced his way to seven consecutive GNCC ATV championships from 1993-99 while also claiming his GNCC Bike Championship in 2003. To this day, Hawk is the only racer to win GNCC championships on an ATV and bike.

Hawk now serves as the team manager for the Coastal GasGas Factory Racing Team, where he has supported many racers to GNCC victories.

Grant Langston

As the only racer to win a World MX title, an AMA MX Championship and both AMA Supercross regional championships in the 125/250 cc divisions, Durban, South Africa born

Langston moved to Europe when he was only 15 years old to begin his professional racing pursuits.

Just two years later, Langston secured the 2000 FIM 125 cc World Motocross Championship, which resulted in him receiving a deal to compete on the AMA Supercross circuit in 2001.

In 2003, Langston claimed the AMA 125 National Motocross Championship and added regional 125/250 cc Supercross Championships in 2005 and 2006. One year later, Langston clinched the AMA 450 cc Pro Motocross Championship, snapping Ricky Carmichael's seven-year hold over the series.

Langston's career was cut short after a tumor was found in his eye during the 2008 season, causing Langston to experience vision problems. Since then, Langston has opened his own multi-brand motorcycle dealership and served as a race commentator.

Travis Pastrana

Whether he was racing his way to victories on the motocross track or completing stupefying stunts, Travis Pastrana captivated audiences while aboard two wheels.

After starting out in motocross, Pastrana became a stunt rider and lead personality behind the Nitro Circus brand, which spans reality TV, movies and live performances.

At just 16 years old in 1999, Pastrana became the then-youngest racer to claim an AMA Pro MX title after winning the AMA 125 cc National MX Championship. Pastrana added the 2001 125 cc East Supercross title to his resume before setting his sights on the X Games - where he produced 17 medals, including 11 golds.

As the founder of the Nitro Circus brand, Pastrana helped grow one of the largest entertainment entities in motorsports. Sparked by his childhood hero Evel Knievel, Pastrana also followed his pursuits to become a successful stuntman.



ROUGH CRAFTS® ENGINE LINE / SPEEDLINER SERIES / METHOD®



METHOD® SERIES



SPEEDLINER SERIES



BRAKE CALIPERS & ROTORS



**ARLEN
NESS**

www.ARLENNESS.com

"Unlimited: The Fred Fox Story" by Don Emde

"A biography that's about all of us" Review by Beth Dolgner

Unboxing videos are popular on social media these days, but when my copy of *Unlimited: The Fred Fox Story* by Don Emde arrived on my doorstep, I was too eager to crack the spine and start reading to bother with recording the moment.

And that's too bad, because a book this good looking deserves a little time in the spotlight. Published with the Emde Books imprint by his company, Don Emde Inc., Don chose to go with a sleek, elegant black dust cover for the 324-page hardback book.

While we all know the adage 'it's what's inside that counts', it's still worth noting that 'Unlimited' is a beautifully presented book.

Not surprisingly, the inside is even more impressive. The thick, glossy pages are filled with the story of not just Fred Fox, but of the many people, brands, events and dealers whose stories are interwoven with his.

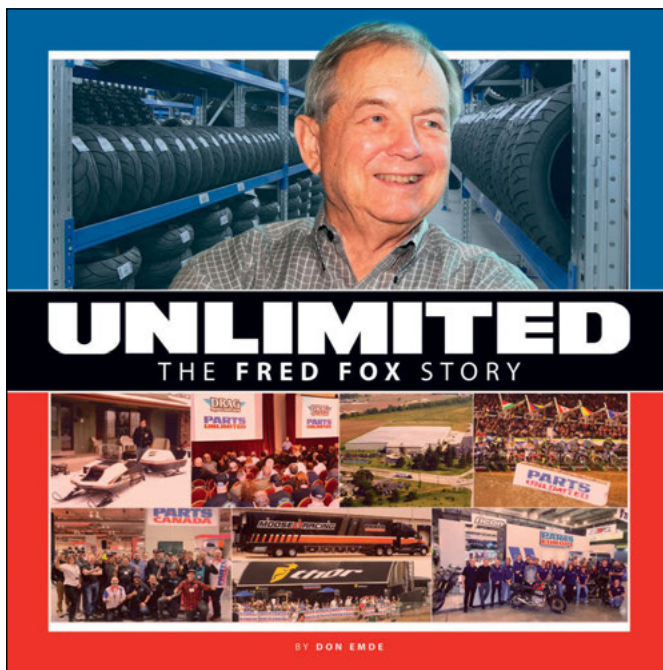
The more than 700 color photos help

"more than 700 color photos"

bring those stories to life and the handy index in the back makes it easy to locate those who are mentioned. It's hard to imagine anyone in the powersports industry who doesn't know Fred's name, since he was the man behind LeMans Corporation, which includes the powersports distribution companies Parts Unlimited, Drag Specialties, Parts Canada and Parts Europe. Add in some of the best-known brands in the industry - THOR, Moose Racing and ICON among them - and it's obvious that Fred didn't pull off this success all by himself.

Back in 1967, though, Fred was doing it all by himself. (On paper, at least: his family was willing to pitch in and to share the house with racks of tires and other parts.) Fast forward 56 years to today, and LeMans Corporation has more than 1,000 employees and proudly claims the title of the largest privately owned powersports distribution company in the world.

Shortly after Fred's retirement in 2021, Emde took on the task of putting the Fred Fox story into book form. The pair's friendship of 40 plus years is apparent in the pages of *Unlimited*, as is the respect of so many of Fred's colleagues, employees and industry peers.



It took Emde 15 months to research the book, which included a lot of time spent interviewing Fred. The timing of this book was fortunate: Fred passed away in February of 2023, and had the book not already been in production, then a lot of his stories might have been lost forever. Instead, *Unlimited* gives us both a history and a tribute that are appropriately timed. *Unlimited: The Fred Fox Story* is broken down into eight parts. The first seven cover the history, from Fred's earliest years right up to the present day, and the epilogue gives us a look at the future.

Within each of these eight parts, the narrative is further broken down into smaller vignettes. This makes the book great for those who are stealing an extra few minutes here and there to read it, because the stories are short and self-contained.

This bite-sized biography style is also great for readers who have specific interests. For example, off-road racing enthusiasts can glance at the table of contents to find what they'll be most interested in, like the history of Moose Racing or how the legendary Torsten Hallman first met Fred. MotoGP fans can get an inside look at the infamous hurricane-shortened Indy GP or revel in the late Nicky Hayden's victory at Laguna Seca.



Fred was there for all of it, and, of course, racers and fans are familiar with Parts Unlimited's renowned "We Support the Sport" campaign and sponsorships.

"a lot of familiar names and faces"

Emde has an easy, conversational style of writing. The book comes off not as a stiff, boring biography, but as one powersports pioneer telling stories about another pioneer. It's easy to picture Emde telling these same stories over dinner at the next motorcycle rally or after a day at the racetrack.

In addition to interviewing Fred for *Unlimited*, Emde also spoke to many others who either work at LeMans Corporation or are tied to it in some way. Emde doesn't attempt to retell their stories. Rather, we get to hear the stories in the person's own words, which brings them to life in a much fuller way.

Fred told Emde right from the start of the project that he didn't want a book that was only about him. He wanted it to tell the story of LeMans Corporation. Fred got that, and more: this is truly a book about the industry and the people and brands that keep it going. It feels like an homage to all of us, not just to one man.

In fact, *Unlimited* feels a bit like a yearbook for the powersports industry, or perhaps a family photo album. There are a lot of familiar names and faces to be found, from top professional racers who have been sponsored by Parts Unlimited or Drag Specialties to

some of the biggest personalities working in the powersports industry.

It's remarkable how many of the earliest employees of LeMans Corporation have biographies that end with something along the lines of, "He continued in that job until his recent retirement." (Others are still active, like Drag Specialties' Tom Motzko, who is still at it after nearly 50 years.) That loyalty is a testament to Fred's work ethic and the culture that he created at LeMans Corporation.

Fred also had a good eye for business. He acquired some brands, while others he helped

along the way. The story of Vance & Hines is a perfect example of that. Emde relates how Terry Vance and Byron Hines had a fledgling business, and Fred helped them take it to the next level with a distribution deal. These days, it's hard to imagine the legendary performance exhaust brand as "fledgling," and they credit Fred with helping them grow beyond a little garage operation.

Stories like theirs abound in *Unlimited*. And, ultimately, it's apparent that Fred Fox's success and the success of the powersports industry are part of the same story.

You can get your copy of *Unlimited: The Fred Fox Story* by Don Emde at EmdeBooks.com. It costs \$75 plus tax where applicable, and shipping.

POWER TO THE PEOPLE



129" & 132" Power Packages!



FOR 2017-2023 HD® M8 MODELS

The S&S Power Package is the ideal combination of performance and savings designed to transform your engine from mild to wild. The latest kits combine our biggest big bore cylinders (4.32") with

matched 550 cam/cam-plate/oil pump and everything else a high performance cam chest needs to make big, reliable horsepower. Transform your 107" to 129" and your 114/117" to a 132" monster.



Made in the USA • sscycle.com • @sscycle • #sscycle

DISCLAIMER: FOR CLOSED COURSE COMPETITION USE ONLY. NOT INTENDED FOR STREET USE. LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR USE, UPON A HIGHWAY. NOT LEGAL FOR SALE OR USE NATIONWIDE ON ANY FEDERAL POLLUTION CONTROLLED MOTOR VEHICLE UNDER THE CLEAN AIR ACT.



NEWS BRIEFS

Massimo Motor Sports LLC ("manufacturer of accessory-packed powersports vehicles") has appointed former Powersports Business Content Director and Volcon ePowersports Channel Marketing Manager Dave



McMahon as chief media officer. Massimo operates from a Garland, Texas ATV/UTV assembly facility of nearly 300,000 sq ft.

BRP (TSX: DDO, NASDAQ: DDOO) reported a record Q2 with revenues of CAN \$2,778.0m, up +14%, with EBITDA of \$473.1m (+13%). North American Powersports retail sales grew by +41%, outperforming the industry and achieving record market share highs for PWC, ATV and SSV. The quarter saw the launch of the all-new Can-Am Maverick R high-end SSV and announcement of more Can-Am SSV 4-seaters and entry-level models.

This summer, K&N Engineering appointed Craig Scanlon as CEO - replacing Randy Bays, who is taking up a board role. Scanlon brings 20+ years of leadership experience in automotive and performance powersports to K&N. He spent 18 years at Polaris, "where he played a pivotal role in building multi-billion-dollar businesses including the Polaris RZR and Polaris Ranger brands." He also spent four years as CEO of Transamerican Auto Parts. His love for racing, particularly off-road racing, has seen him compete in prestigious events like the BITD and SCORE series, culminating in his recent victory at this year's San Felipe 250.

Alexander Buckan will take over from Edgar Heinrich as the new head of BMW Motorrad Design, effective January 1, 2024. Buckan will be responsible for the design of all BMW Group two-wheeled vehicles, rider equipment and accessories. Edgar Heinrich, who has been BMW Motorrad's Head of Design since 2012, is retiring after 35 years at the BMW Group. Buckan began his career at BMW Motorrad as a transportation designer back in 2003. Since then, he has been responsible for a variety of different models, including the F 800 GS, 450 X, R 1200 GS LC and R 1200 GS Adventure LC.

European Guidelines on Anti-Tampering Rules for Motorcycle Exhaust Silencers

In a press release dated May 31, 2023, the European Association of Motorcycle Manufacturers (ACEM) said that it "shares the concerns of citizens, politicians and regulators regarding the impact of noise in daily life" and that "sound emissions of motorcycles have been regulated in the EU, with maximum permitted levels defined since the 1990s, through European type approval requirements."

The release stated that "as part of the solution to address these concerns, ACEM has recently developed a set of guidelines in cooperation with key aftermarket exhaust industry players" and that "the aim of these guidelines is to avoid diverging, non-effective interpretations of anti-tampering rules for exhaust silencers, in particular for non-original equipment that may be alternatively fitted on motorcycles over their lifetime."

At the time Antonio Perlot, ACEM Secretary General, was quoted as saying that "this initiative, bringing together the expertise of recognized players in the motorcycle sector, addresses one of the main causes of motorcycle noise in the streets."

"Approved silencers with too easily removable baffles or dB-Killers are today still present on the market, which may result in unacceptably high levels of noise on the road."

"Putting forward state of the art solutions, the guidelines will help type approval authorities towards a more harmonized assessment of conformity to anti-tampering rules for exhaust silencers. The call is now on all stakeholders to apply them without delay."

For sound level and anti-tampering rules of motorcycle exhaust silencers, the EU type approval framework Regulation 168/2013 mandates the application of United Nations Economic Commission for Europe (UNECE) Regulations no. 92 (aftermarket silencers) and no. 41 (original motorcycle).

These regulations were developed and are maintained by the Working Party Noise and Tyres (Groupe Rapporteur Bruit et Pneumatiques - GRBP), under the World Forum for the harmonisation of vehicle regulations (WP.29), operating within the UNECE. In December 2022, ACEM presented the guidelines to national type approval authorities at a stakeholder meeting organized by the European



Commission. Following an informal approval by authorities at EU level, the International Motorcycle Manufacturers' Association (IMMA) introduced the guidelines in February 2023 at GRBP, the world forum on sound level of vehicles. A final document is expected to be adopted at the next GRBP session in September 2023.

This initiative has been jointly developed within the motorcycle sector, by ACEM, IMMA, and a selection of motorcycle exhaust manufacturers - Akrapovic, Arrow, Giannelli, Lafranconi, LeoVince, MIVV and SC-Project.

The guidelines clarify the technical requirements "to ensure robustness of fixing solutions for silencing baffles and dB-killers, to prevent their easy removal", and AMD is now able to present a light-touch edit of those guidelines.

www.acem.eu



Guidelines

These are the key elements and recommendations contained in the IMMA Informal document (GRBP-77-20) submitted to the UNECE Working Party on Noise and Tyres (GRBP). They form the proposed industry guidelines on the anti-tampering

provisions for **Non-Original Replacement Exhaust Systems (NORESS)** - namely, aftermarket exhausts - in UN Regulation No. 92. The aim of the guidelines is to support "manufacturers, national Type-Approval authorities and enforcement authorities in their understanding of the requirements under section 6.3.1 of UN Regulation No. 92."

The stated intention is to give guidance on the interpretation of the guidelines with a view to "provide NORESS manufacturers with regulatory certainty, to ensure the implementation of a high level of anti-tampering measures, and to provide national authorities with a set of harmonized best practices for these requirements."

The two key definitions in the guidelines concern:

- Baffle: the component or sub-assembly that contributes to the noise attenuation performance of a silencer, e.g. 'dB killer'.
- Tamper-proof: an exhaust is considered tamper-proof when grinding, cutting or drilling is required to remove an exit-cone, a fastener or a baffle from a silencer.
- Permanent and irrecoverable

>>>

IMMA
INTERNATIONAL MOTORCYCLE
MANUFACTURERS' ASSOCIATION



COMFORT & STYLE

From sissy bars and side plates to large and small pads, **Drag Specialties** has the quality parts you need to keep your passengers comfortable and the style options to keep your bike looking great. Touring to XL, we offer a complete selection.



***Ride longer with quality products
that will last from Drag Specialties.***

**See your Drag Specialties rep
for more information.**

FROM OUR GARAGE TO YOURS

DRAG
Specialties

DRAGSPECIALTIES.COM

NEWS BRIEFS

PSB reported that the Pennsylvania motorcycle rally is seeking a new host. "Local news media is reporting that the non-profit organization that puts on the annual 'Thunder in the Valley' motorcycle rally in Johnstown, PA., every summer will no longer organize the event. Visit Johnstown says it will no longer operate the rally - the board of directors having decided to step down from operating the event to provide the group more time to concentrate on its core mission of marketing the area as a destination for visitors who come for various activities, including outdoor recreation, concerts and the arts. Executive Director Lisa Rager is quoted as saying that economic changes, motorcycle riders aging out of the hobby, insurance costs, and the challenge of getting volunteers were among the reasons that led to the decision.



BRP has been marking the 50th anniversary of the Can-Am brand this year. "What started off as one championship-winning motocross motorcycle in the early 1970s, immediately reigning over motocross and endurance racing, has evolved 50 years later into Can-Am being a global powersports leader with multiple product lineups," says BRP CEO José Boisjoli. "Since its creation in 1973, Can-Am has challenged the norm, set new standards, and changed the game entirely. Today, ATVs and SSVs have had the fastest-growing market share in the category in North America since 2015. Earlier this year, Can-Am also made history by winning its sixth consecutive Dakar Rally. Building on its motorcycle legacy, Can-Am is now also changing the power dynamic with two new electric motorcycles, which will be offered as soon as 2024."

April 3-7 has been announced for the 27th annual Arizona Bike Week at Westworld of Scottsdale; www.azbikeweek.com

SKS is marking 25 years of Harley's "Freight Forwarder of Choice" in Germany. H-D and SKS signed an exclusive agreement for new vehicle transport in 1998.



damages - "removal causing permanent/irrecoverable damage to the assembly" is understood as a being the result of using other mechanical means than traditional, low cost, easily available tools such as hammer, screwdrivers, or pliers.

- "Permanent/irrecoverable damage" includes damages to the aesthetics of the product or damages which would prevent the reintroduction of the removed part(s)."

To avoid any uncertainty, the document is very specific in terms of the interpretation of anti-tampering:

- "The NORESS or its components shall be **constructed in a way that does not permit removal of baffles, exit-cones and other parts whose primary function is as part of the silencing/expansion chambers.**
- "Where incorporation of such a part is unavoidable, its method of attachment shall be such that **removal is not facilitated** (e.g. with conventional threaded fixings) and shall also be attached such that removal causes permanent/irrecoverable damage to the assembly.
- "**Baffles and exit-cones should not be removable by construction/design.** Exhaust manufacturers [must] therefore take the necessary means so that the NORESS integrity would not be easily compromised by users/owners.
- "**Exit-cones should be tamper-proof.** In detail, this means that conventional threaded fixing or similar methods used to fasten exit-cones to the rest of the assembly are not considered as tamper-proof.
- "Should manufacturers use conventional threaded fixing or similar, exit-cones should be also fastened to the exhaust casing by **another method** such as gluing or welding. Rivets (stainless steel, not

aluminum) or break-head bolts may be used to secure exit-cones to the exhaust casing. Should manufacturers use non-stainless steel rivets, exit-cones should be also fastened to the exhaust casing by another method such as gluing or

LeoVince

LAFRANCONI
SILENZIATORI

GIANNELLI
SILENCERS

ARROW
EXHAUST

MIVV
ITALIAN STYLE

AKRAPOVIČ

SC
PROJECT
ADVANCED EXHAUST TECHNOLOGY
DEVELOPED FOR MOTOGP™ WORLD CHAMPIONSHIP

welding. Alternatively, exit-cone fasteners should be filled with epoxy or similar substance;

- "The baffles should be fixed to the exhaust casing or to the exit-cone so as to ensure that **removal of the exit-cones should not facilitate the removal of the baffle.** The

baffle should be tamper-proof: examples of its fixing methods include sufficient welding or use of threaded fixings covered by epoxy or similar substances.

- "**Cosmetic end caps** (exit-cones) may be attached with conventional fasteners if removal of the end cap does not facilitate removal of baffles or attenuation devices, and is not a part whose function is as part of the silencing/expansion chambers.
- "Baffles and other parts should be **welded** to the exhaust (exit-cone or exhaust casing) as a primary method of attachment. It is the manufacturer's choice and responsibility to make sure that such welding covers a sufficient perimeter of the outer rim of the baffle to **avoid easy removals.**
- "Screws and other threaded fixings can be used as a **secondary way to secure the baffle** to the exhaust, or as an alternative to welding if welding is not technically possible due to different materials being used for the exit-cone and the exhaust casing, for example. In such cases, these fixings should be secured by welding, or filled with epoxy or similar substances.
- "**Baffles should never be attached to the rest of the assembly by use of circlips** or similar method of assembly as this would not be considered a tamper-proof method of attachment.
- "The NORESS or its components shall be constructed in a way that does not permit removal of baffles, exit-cones and other parts whose primary function is as part of the silencing/expansion chambers.
- "Where incorporation of such a part is unavoidable, its method of attachment shall be such that removal is not facilitated (e.g. with conventional threaded fixings) and shall also be attached such that removal causes permanent/irrecoverable damage to the assembly."

Accutronix

MOTORCYCLE PRODUCTS

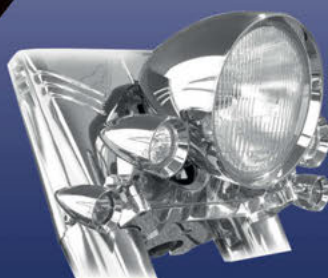
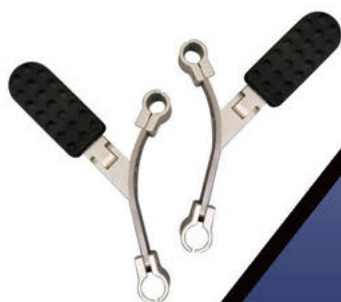
www.Accutronix.com



**ILIUM
WORKS**

BMW Motorcycle Parts

www.IliumWorks.com



PEGS
GRIPS
LIGHT BARS
CRASH BARS
HEADLAMPS
FOG LIGHTS
TRIPLE TREES
TURN SIGNALS
FLOOR BOARDS
FORWARD CONTROLS
SHIFT EXTENSIONS

DEALERS WANTED

3 BRANDS
DEALER FOR ONE...
DEALER FOR ALL!

LICENSE PLATE FRAMES
HEADLIGHT MOUNTS
SPORT BOARDS
HIGHWAY PEGS
BRAKE LEVER
BAR BACKS
FOG LAMPS
GAS DOORS
SHIFTERS
GRILLS

HEADWINDS

www.Headwinds.com

(623) 516-9600

1138 W Watkins St Phoenix AZ 85007

NEWS BRIEFS

Harley was in sixth place in market share terms in the German market for the eight months to August 2023 with 8,606 units sold for a 5.66% share. This compares to 5,821 units sold YTD 2022 for a 6.57% share. The German market is growing well this year with new motorcycle registrations



+16.36% to August. The 103,077 units sold in the first eight months in Germany makes it the strongest German market performance for the first eight months since our sister magazine International Dealer News started keeping comparable records in 2008. Unsurprisingly, BMW had retained its market share leadership with 20,030 units sold for a 19.43% share. Interestingly though, while its unit sales were up, that market share was lower than the 21.56% it had by August 2022 as the market grows faster than they are. There is currently no Harley (or Indian Motorcycle) model showing up in the Top-50 best sellers YTD in Germany. No surprise, the top-seller is the BMW R 1250 GS (6,557 units for a 6.36% share despite its well-publicised upcoming replacement with a heavily updated 1300 cc iteration.

The National Powersports Dealer Association (NPDA) has expanded its Board of Directors to 15 with the addition of Donald Meyers Jr. (the owner of Baltimore Powersports, Inc., MD.) and Brett Tekavec (owner of Queen City H-D of West Chester, Ohio, and H-D of Washington D.C.). NPDA has also announced the appointment of Tigra Tsujikawa as Membership Marketing Manager. Tigra has a 25-year powersports industry career under her belt, having had stints with MotoAmerica, Sturgis Motorcycle Museum, Why We Ride Films, Women's Motorcycle Tours, Dealernews and Iron Lilly. NPDA has now reached nearly 400 members; www.npda.org

Harley is recalling 2023 FLHXSE and FLTRXSE motorcycles due to a rear brake line that may not be secured properly, allowing it to chafe against the exhaust pipe, which could result in a brake fluid leak.

Turn 14 Distribution Appoints President of Owned Brands

Horsham, Pennsylvania based Turn 14 Distribution, buyers of selected Tucker Powersports assets, has announced the appointment of Robert Schuetz as President of Owned Brands.



"Bob is an established leader within the performance aftermarket and OE industries," says Jon Pulli, CEO of Turn 14 Distribution. "His resume includes world-renowned companies like Warn Industries Inc, Öhlins USA and KW Automotive, NA, where he held executive leadership positions of Vice President and President within these organizations.

"Bob will oversee the establishment, structure, development and daily operations of our owned brands team with its headquarters in the Dallas, Fort

Worth area. He will lead the product development, R&D, brand management and marketing of the manufacturing brands Turn 14 Distribution acquired through the Tucker Powersports assets purchase." Schuetz is quoted as saying: "I'm excited to be a part of the rebirth of the brands we've acquired from Tucker Powersports, and I look forward to earning the trust of our longstanding partners and internal team as we seek to maximize our potential in each respective marketplace."

Zero Patent Points to Liquid Cooled Future

By Ben Purvis

Electric motors need to be prevented from overheating, and just like combustion engines, there's a clear choice for their designers between air-cooling and liquid-cooling. Zero - undeniably a leader in electric motorcycles - has been in the air-cooled school so far, but a new patent shows the company is considering a switch to liquid-cooling in the future. As with combustion engines, there are pros and cons to both technologies. The benefits of air-cooled designs are that they're lighter and simpler, with fewer

maximizes their performance.

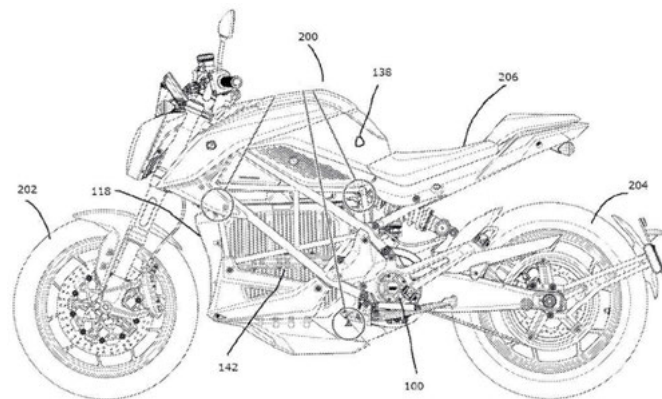
For example, the **Ducati MotoE** race bikes used in the series that supports MotoGP have not one but two liquid-cooling systems, with completely separate pumps and radiators for the cooling of the batteries and the motor. Why? Because their optimum operating temperatures are different - the batteries need to be kept cooler than the motor - and with two cooling systems, those temperatures can both be maintained.

So far, Zero has stuck with air-cooling

with a water-filled cooling jacket sandwiched between the stator and an outer housing. The cooling jacketed features manifolds that allow hot water to be pumped out to a radiator and cooler water to come in to replace it.

Inside the cooling jacket, the patent illustrates a pattern of bumps that are used to increase its surface area -

"Water-cooled motors for future Zero electric bikes"



components and potential points of failure. But when it comes to outright performance, liquid-cooled electric vehicles tend to have the edge because it's easier to keep components within the small temperature range that

for both its batteries and motors, but the company has filed a patent application for a liquid-cooled motor that could be the next step up for its bikes' performance. The design uses a series of layers for its motor housing,

ensuring better transfer of heat - and to create turbulence in the water that's running through the jacket, improving the heat transfer from the motor to the coolant.

Outside, the system is much like that of a liquid-cooled combustion engine bike, with a radiator mounted behind the front wheel and a water pump - electrically powered, of course - to keep the fluid flowing between the radiator and the motor.

As the patent says, "the amount of work that an electric motor may perform may be proportional to the amount of heat that can be removed" - suggesting that by shifting to a liquid-cooled motor, Zero hopes to be able to make a bike that's **more powerful** than its current range-toppers.



Hofmann
DESIGNS

HOFMANN DESIGNS
NOW OFFERING
QUALITY CARBON FIBER AND BILLET PARTS

DISTRIBUTED BY
HardDrive
AMERICAN V-TWIN PRODUCTS

HDTWIN.COM

NEWS BRIEFS

At the end of September, the U.S. Congress House Energy and Commerce Subcommittee on



Innovation, Data and Commerce held a legislative hearing to discuss several bills within its jurisdiction. One of which was the REPAIR Act - one of the MRF's key legislative priorities. The MRF believes the ability for consumers and aftermarket shops to have access to the parts, tools and information needed to repair products is critical to the motorcycling community.

AIMExpo (Las Vegas, February 6-8, 2024) has partnered with Motorcycle & Powersports News for the education sessions on the Expo's 'Disruptive Thinking'. The collaboration will feature three focused tracks: Training and Talent, F&I/PG&A, and Marketing. "Symposium-inspired sessions to address issues at the forefront of our industry, including economic changes and forecasts, government relations, new-rider initiatives, and more." Additionally, classroom-style content will deliver actionable takeaways for dealers and retailers. Expo features will include E-Bike Demo Tracks, Industry Party Powered by Turn 14 Distribution, New Product Central, 4-Wheel Showcase, 2-Wheel Custom Showcase, a Dealer Tech Zone powered by Transax Digital Retail and the MIC Business Center. Register at www.aimexpousa.com

Handbuilt Motorcycle Show - Revival Cycles has announced April 12-14 for the 2024 Handbuilt Motorcycle Show at Austin Texas; www.revivalcycles.com

Designed "to be a true grassroots entry into the motorcycle world," the KTM SX-E 2 provides "the ideal platform for young riders to find their feet - and throttles - as young racers." The all-new model "rolls up to the



starting line as a real-world intermediary package, bridging the gap between mini-cycle and motorcycle, complete with modern, striking graphics, top-quality materials and high-end components.

Haas Moto Museum - 'The Motorcycle'

Featuring more than 350 top-class images of some of the most interesting custom motorcycle and restoration projects of recent years, 'The Motorcycle' published by Weldon Owen International, "celebrates and showcases these beautiful machines as the pieces of fine art that they are." The Haas Moto Museum in Dallas, Texas, houses a unique world-class collection that spans the history of motorcycles across 13 decades. From early prototype models that featured a gas tank simply strapped onto a bicycle to today's radically new designs that push the limits of imagination and technology - more than 230 motorcycles are chronicled. "Whether the unnamed stars of classic movies such as Akira and Easy Rider or the object of devotion in the lives of riders and collectors, the motorcycle

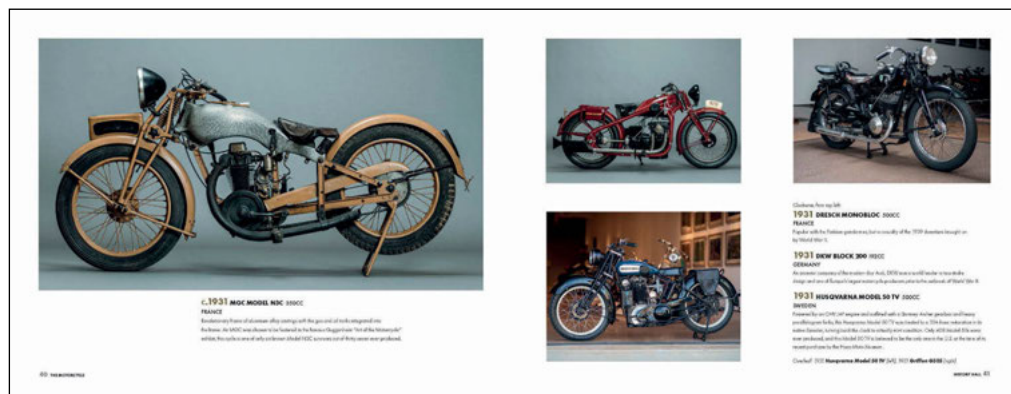
has been a symbol of freedom throughout pop culture. 'The Motorcycle' celebrates these iconic machines in this beautifully curated monography with sleek images and accompanying essays from the world-class Haas Moto Museum." In addition to showing the evolution of motorcycles from 1899 to present day, this official museum monograph features 60 custom motorcycles - many of which were commissioned for the collection - from prize-winning builders from around the world including Mitsuhiro Kiyonaga, Maxwell Hazan, Jay Donovan, Cristian Sosa and Craig Rodsmith. The book was created in memory of Haas Moto Museum's legendary founder, Bobby Haas. In the book's forward, Haas Moto Museum co-



founder and Director Stacey Mayfield writes:

"This book pays tribute to a museum like no other, a diverse collection thoughtfully curated by a man like no other. Although Bobby was taken from us too soon, he is very much a part of this book. The words you will read about each of the motorcycles were written by him and stand proudly next to each bike in the museum. As you peruse the pages, I hope that you can feel Bobby's spirit guiding you through the museum. It is strong and it is loud."

www.weldonowen.com



Drag Specialties Appoints Greg Matter as National Sales Manager

Greg Matter has been announced as the new Drag Specialties National Sales Manager. Greg has had a life-long passion for American V-twin motorcycles and has worked in the industry for over 20 years, starting in Harley-Davidson franchises where he held parts manager and general manager positions. Looking to expand his knowledge of the industry, Greg joined LeMans Corporation in 2006 as a Drag Specialties Sales Representative in the Phoenix and Tucson markets. After 16 years in Arizona, he accepted the position of Dual Regional Sales Manager for the Parts Unlimited Central Region and returned to WI, which also allowed him to be closer to his family and grandsons. Greg says the opportunity also allowed him to work out of the



company's global headquarters, which has given him a better understanding of the business and insight into the company's vision for the future. Greg

states: "I am grateful for the opportunity to again work with the Drag Specialties team and dealer network and look forward to the opportunities that lie ahead." Jeff Derge shared: "Greg and I both share a passion for the American V-twin motorcycles and were fortunate to be part of some great dealers early on in our careers. That dealership experience translates into understanding the market, the consumers, but most importantly understanding the needs of Drag Specialties dealers and the great suppliers we do business with."

www.dragspecialties.com



Indian Motorcycle Racing Scoops Second Consecutive RSD Super Hooligans National Championship

MotoAmerica, Championship of the Americas (COTA)
Austin, Texas, September 9, 2023

It came down to a battle between team-mates - each armed with their S&S-built Indian FTR Hooligan race bikes. Entering the final round of MotoAmerica's Mission RSD Super Hooligan National Championship (SHNC) at Circuit of the Americas (COTA), Indian Motorcycle Racing's Tyler O'Hara and Jeremy McWilliams were dead-locked at 106 total points, having endured bar-to-bar action - each pushing to the bitter end to earn the opportunity to hoist the No. 1 plate and win the 2023 SHNC title.

For the second consecutive season, it was O'Hara, as he outlasted McWilliams in dramatic fashion, taking both



Mission Foods Super Hooligan National Championship Season: 2023

Pos	No.	Name	Total	Diff	Gap	3/9/2023	3/9/2023	6/23/2023	6/23/2023	7/6/2023	7/6/2023	9/8/2023	9/8/2023
						Total	Total	Total	Total	Total	Total	Total	Total
1	1	Tyler O'Hara	156	0	0	25	25	25	0	11	20	25	25
2	99	Jeremy McWilliams	126	30	30	16	20	20	0	25	25	0	20
3	62	Andy DiBrino	122	34	4	10	3	16	25	20	16	16	16
4	137	Stefano Mesa	85	71	37	9	11	0	13	10	11	20	11
5	665	Mark Price	77	79	8	8	16	8	10	9	10	10	6
6	13	Cory West	75	81	2	13	0	13	20	16	13	0	0
7	70	Sean Cresap	50	106	25	2	9	6	8	8	6	6	5
8	50	Bobby Fong	47	109	3	20	0	11	16	x	x	x	x
9	126	AJ Peaslee	43	113	4	x	x	9	11	0	0	13	10
10	36	Mallory Dobbs	41	115	2	5	0	4	9	5	9	9	0

rounds at COTA, and winning five of the season's eight races aboard his Mission Foods S&S Indian FTR.

"Hats off to my entire S&S-Indian Motorcycle team, as the guys worked hard all season to

keep this Indian FTR dialed in for me," said O'Hara. "This FTR is an incredible machine. Power, handling, maneuverability - it's been the highest-performing bike in the class all season, and we're extremely proud to walk away with another title this season."

The RSD SHNC final round at COTA was nothing short of exhilarating, as both O'Hara and McWilliams pushed their Indian FTRs in and out of corners, each making incredible passes on the other. Knowing their teammate's moves and tendencies created an epic battle between two of the sport's most capable riders. Race 1 at COTA ended with McWilliams high siding in the final turn of the final lap. McWilliams was unharmed and was able to compete in Race 2

on the Sunday. But again, it was O'Hara who captured the final win of the season.

"The relationship between Tyler and Jeremy is truly special - they both thrive off each other's expertise and experience, and both have an 'anything it takes' drive to win once aboard their FTR," said Gary Gray, Vice President Racing, Service and Technology for Indian Motorcycle.

"When you have a team as committed as our S&S crew, paired with the riders we have, you push every second of every day to win a championship. We're excited to have reached our goal and look forward to running the No. 1 plate again on Tyler's FTR next season."

www.motoamerica.com
www.indianmotorcycle.com
www.sscycle.com



KEEP YOUR HARLEY-DAVIDSON® SADDLE BAGS LIKE NEW WITH...



Bagg'r Rack is designed to keep bike bags free of scratches and securely mounted. It can be used as a free-standing rack on the shop floor or mounted to a wall for increased protection.



FOR MORE INFORMATION VISIT: WWW.ROBSDYNO.COM

NEWS BRIEFS

FOX Factory Performance Vehicle Development (PVD) has introduced an all-new Harley-Davidson Ford F-250 Super-Duty. "Each truck is perfectly



crafted to embody top-of-the-line performance, custom appearances, luxurious interior components and premium safety features." Features include a custom 5" lift system from BDS Suspension in conjunction with FOX Adventure Series shocks, H-D edition 22" black and milled wheels, power running boards, a carpet rug bed liner and tonneau cover with embedded H-D. The redesigned center console includes a personalized serial number plate. There are Bar and Shield logo billet pedals and H-D logo carpet floor mats.

Available in Europe in 2023, American Honda has confirmed availability of the 2024 XL750 Transalp for the U.S. market, with models having started getting to showrooms in October. Originally introduced in 1986 as a 500 cc, the Transalp went out of the Honda range in 2013. MRSP in USA is \$9,999.00.

Bigtwin Bikeshow & Expo - One of Europe's longest established custom bike shows, the Bigtwin Custom Bike Show and Expo will be held again near Utrecht in the Netherlands on November 3-5; www.bigtwin.nl

The Motorcyclist Advisory Council is being re-established. After nearly two years of delay, the U.S. Department of Transportation (USDOT) announced the initial steps to establish the Motorcyclist Advisory Council (MAC). In November of 2021, Congress passed, and President Biden signed the Infrastructure Investment and Jobs Act. Included in the law was reform of the MAC. The Council will coordinate with and advise the Secretary of Transportation, the National Highway Traffic Safety Administration (NHTSA) Administrator, and the Federal Highway Administration (FHWA) Administrator on transportation issues of concern to motorcyclists, including motorcycle and motorcyclist safety, barrier and road design, construction, and maintenance practices; and the architecture and implementation of intelligent transportation system technologies.

Ducati Monster 30° Anniversario

By Ben Purvis

It's not hyperbole to say that without the Monster there's a good chance that Ducati might not exist today. Despite being overshadowed by the glamorous 916 superbike back in the 1990s, the company's radically simple naked bike provided essential cashflow during some tough times and the fact it lives on today - still

"Just 500 bikes to mark three decades of Monsters"

recognizable after several generations - shows how effective the ultra-simple styling of the original machine was.

Miguel Angel Galluzzi's design stripped back the idea of a motorcycle to the absolute essentials. An engine, a frame, a fuel tank, a headlight and a seat. Combined in a forward-hunched package that concentrated the bike's visual mass towards the front wheel, it laid a template that virtually every rival has since copied. Ducati itself has made Monsters from 400 cc to 1200 cc, but in today's lineup there's just one engine on offer - the 111 hp, 973 cc **Testastretta V-twin** - and that's



what appears in the limited-edition Ducati Monster 30° Anniversario. Only 500 examples will be made, and given the way short-run Ducatis have been snapped up in recent years, they're likely to be gone fast.

The Ducati Monster 30° Anniversario's specs are essentially similar to the Monster SP, with **Öhlins NIX30 forks** and an **Öhlins monoshock** along with **Brembo Stylema** brakes as upgrades compared to the cheaper Monster and Monster+. To that package, the Anniversario adds a

Termignoni exhaust and an adjustable **Öhlins steering damper**, plus forged alloy wheels instead of cast ones and a lighter, lithium-ion battery. Those wheels and the battery mean the Anniversario is 2 kg lighter than the Monster SP and 4 kg less than the base model at 184 kg wet.

Tricolor paint in Ducati's patriotic red, white and green, along with the inevitable numbered plaque to mark its limited-edition status, complete the changes.

National Cycle Subsidiary PCQ Part of Electric Assisted Vehicles' Success

Maywood, Illinois based PCQ Technologies, a subsidiary of internationally respected motorcycle windshield manufacturer National Cycle, has seen one of its customers recognized in winning the International Cargo Bike of the Year



2023 award at the IAA Mobility Expo in Munich, Germany. In an impressive field, manufacturer Electric Assisted Vehicles' (EAV) '2Cubed' eCargo (a van-replacing cargo bike) was recognized by the judges for its "ride experience and productivity-enhancing features."



EAV is quoted as saying that "we are driven by a passion to revolutionize the last mile of delivery and it is brilliant to have the '2Cubed' recognized by such a distinguished panel of judges in such a prestigious environment."

PCQ Technologies produces the windshield/canopy component of the EAV, using the same Quantum hardcoated polycarbonate technology that National Cycle uses in its own

award-winning VStream motorcycle windshields.

"PCQ literally stretched the boundaries of what is possible with large, formed vehicle glazings - all while reducing component weight by more than 50% over automotive safety glass alternatives."

www.pcqtech.com



KICKFLIP

Wicked Fun



Le Pera
SINCE 1972

Made in the USA • www.lepera.com

Dyna pictured with "Pleated" style.
FXR pictured with "Gripp Tape" style.
Bagger pictured with "Diamond" style.
Sportster pictured with "Basket Weave" style.
All 4 production styles available for all 4 models.

4 Bikes TO CHOOSE FROM. **4 Styles** TO CHOOSE FROM.

ALL YOUR WHEEL NEEDS IN ONE PLACE!
WHEELS, ROTORS, PULLEYS, SPROCKETS, HUBS & TIRES

40 SIZES
AND
3 FORMATS

2D
HYBRID
3D



- LARGEST SELECTION OF STOCK WHEEL SIZES PLUS 30", 32", 34" AND 18X7 TRIKE
- FORGED FROM 6061-T6 ALUMINUM, USA MADE
- ROTORS, PULLEYS, SPROCKETS & HUBS
- COMPLETE LINE OF VEE RUBBER TIRES

MSI

- SHIP WORLDWIDE
- INCREDIBLE CUSTOMER SERVICE
- OVER 50 YEARS IN THE INDUSTRY
- OWNED BY MOTORCYCLE ENTHUSIAST

WE NOW OFFER THESE POPULAR WHEEL SIZES:
20X5.0 • 20X7.0 • 21X5.5 • 23X5.5 • 23X7.0

(562) 583-4580

9830 MILLER WAY, SOUTH GATE, CA 90280 • EMAIL: SALES@MSIWHEELS.COM • WWW.MSIWHEELBLANKS.COM

NEWS BRIEFS

While the rival World Supercross Championship (WSX) continues to struggle with financial and race cancellation issues, the Super Motor Cross World Championship in USA continues to go from strength to strength. Supercross and Pro Motocross have both seen attendance and international competition growth. The landmark inaugural season of the 31-event SuperMotocross World Championship Series (SMX) recently concluded (in October) with the



culmination of the postseason (Playoffs and Final) at the Los Angeles Memorial Coliseum, where two of the sport's youngest and brightest stars cemented their place in the history books. On the heels of an impressive Rookie of the Year campaign, Monster Energy Yamaha Star Racing's Haiden Deegan, 17, captured the 250 cc World Championship, while Australian Team Honda HRC athlete Jett Lawrence, 20, became the first-ever 450 cc World Champion, which capped off his historic rookie season in the premier division. As champions, Deegan and Lawrence were the two biggest financial beneficiaries of the SMX World Championship, which awarded the sport's largest prize payout of \$10m - \$5.5m of which was available for the final three postseason races. Deegan collected \$575,000 in postseason earnings, while Lawrence received \$1.2 million, both of which included individual race purses and championship point funds.

The AMA has announced the passing of AMA Motorcycle Hall of Famer Sammy Tanner. A seven-time AMA Grand National Championship event winner and 1999 AMA Motorcycle Hall of Fame inductee, Sammy Tanner was born on May 23, 1939, in Houston, Tx. Tanner purchased his first motorcycle - a James Villiers - at 14 years old and fell in love with the sport right away. He started racing in local field meets throughout his home state, and soon earned a support ride on a 500 cc Triumph. Due to his 5-foot, 100-pound stature, Tanner was lovingly dubbed "The Flying Flea" by fans and fellow racers alike. He turned professional in 1958.

Custombike - having taken up the mantle of European Custombike Championship after it fell into disuse, the annual Custombike returns to Bad Salzufflen, near Hannover, Germany, on December 1-3, 2023; www.custombike-show.de

Polaris Announces 2035 Goals in 'Geared for Good' report

Polaris has released its 'Geared for Good' Environmental, Social and Governance (ESG) report, highlighting the company's progress across the four pillars of its 'Geared for Good' framework: Think Product, Think Production, Think Places and Think People.

The report details the ways Polaris "works to be a good steward for its industry, employees, riders, communities and the outdoors."

Specifically, this year, Polaris is announcing new environmental goals focused on the year 2035, including:

- Achieving 90% recycled content in off-road vehicles
- Reaching 75% renewable energy in its global portfolio
- Reducing absolute Scope 1 and Scope 2 emissions by 50%
- Diverting 90% of waste from landfill
- Implementing a water stewardship program in 100% of its manufacturing facilities

"Consistent with best practices, Polaris conducted its second materiality assessment in partnership with Business for Social Responsibility so that we remain focused on salient issues for our business."

"Polaris is passionate about helping people discover and experience the outdoors," said Lucy Clark Dougherty, senior vice president, general counsel and secretary at Polaris. "We are proud of the work we do to be 'Geared for Good', from our partnership with the National Forest Foundation and our efforts to promote safe and responsible

riding, to reducing the environmental footprint of our operations and supporting our local communities.

"We are grateful to be able to ride and 'Think Outside' and will continue to be



good stewards through our ongoing actions that bring our 'Geared For Good' efforts to life."

In reporting its progress to date, Polaris says that among the initiatives and achievements shared in the report, key highlights include:

THINK PRODUCT: As part of its efforts to design products and technologies, Polaris set company innovation records with 70 U.S. patents granted to its engineers in 2022. The company introduced exciting innovations that continue to transform how people connect with and enjoy the outdoors, including the 'Mighty G' from Godfrey Pontoons, one of the first pontoons developed specifically with an electric-powered engine in mind. Polaris also created the 'Empowersports Diverse Riding Council', which unites 16 influential riders, adventurers and leaders who bring new voices, multicultural perspectives and insights to the powersports industry.

THINK PRODUCTION: To reduce the environmental impact of its operations,

Polaris increased the amount of renewable energy in its portfolio through solar projects in Goupil, France and Shanghai, China. The company also began implementing energy management best practices at eight U.S.-based facilities, working toward 50001 Ready recognition from the U.S. Department of Energy.

THINK PLACES: Polaris takes action to positively impact land and water through stewardship and responsible riding. In partnership with the National Forest Foundation, the *Polaris Fund for Outdoor Recreation* granted its first award to the Kelly's Pond Project in the Sam Houston National Forest in eastern Texas, to support maintenance of 44 of the forest's 85 multi-use trail miles. Polaris also expanded its *T.R.A.I.L.S. Grant Program* to support trail stewardship and rider education efforts across the United States and Canada.

THINK PEOPLE: Polaris puts employees, customers, dealers and communities at the center of its business. Polaris provided more than \$545,000 in tuition reimbursements for its employees and granted 120 scholarships through its *Polaris Scholarship Program* to help offset the costs of postsecondary education for the dependents of Polaris employees. The company also provided more than \$4.3m to organizations and local communities, including investments in 4-H and the Progressive Agriculture Foundation Partnership to help advance safe riding practices among young riders.

Lyndall Brakes Hires Regional Sales Director for East Coast

San Marcos, Texas based Lyndall Brakes has hired Mark Chuisano as its new East Coast Regional Sales Director.

Formerly based in California, Lyndall are looking to "reinforce our dealer direct network in the east by bringing on Chuisano," said Chico Tirado, VP of Sales and Marketing at Lyndall Brakes.

"His experience and knowledge of the motorcycle industry will be a valuable asset to us as we continue to grow our sales division - in addition to his experience, Mark brings network contacts and organizational skills into a growing team at Lyndall brakes."

A former North America Sales Director for Lexin Moto - an automotive audio

and motorcycle Bluetooth communications system manufacturer - Chuisano says that "I am thrilled to be joining such a respected company with a reputation for producing high-quality motorcycle parts."

"I am looking forward to working with the Lyndall Brakes team to grow the company's sales and distribution

network. It's Lyndall Brakes' commitment to providing its customers with the highest quality parts and the best possible customer service that brought me to them. I was a customer first."

Lyndall Brakes says it is "the leading manufacturer of high-end performance motorcycle brakes, rotors and wheels. We source the finest steel, aluminum and titanium for our products. Each part is meticulously checked for quality assurance, ensuring higher than standard tolerances and allowances. Used by both amateur and professional racers, our parts are sought after all around the world."



Ice Cool 'Kolor Flares'

As seen at the Drag Specialties North American NVP at Madison, Wisconsin, in August, international demand this past summer for these 'Kolor Flare' windshields from Mitchell, South Dakota based Klock Werks has been "insane," according to Brian Klock. "It all kicked off with these shields being seen on some of the 2023 custom bikes at the various shows in Europe this year - including at Harley's 120th Anniversary celebrations at Budapest in Hungary.



"The pictures have been seen in magazines around the world and they have definitely caught the imagination of professional and home customizers alike."

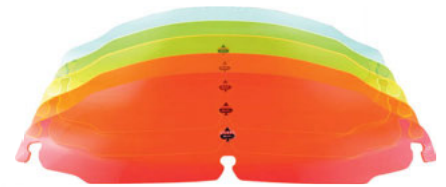
A simple and relatively inexpensive, fully reversible, modification-free bolt-on item that punches above its weight in transformational terms, they are available in a range of 'Ice Cool' colors, including orange, red, blue, yellow and green.

They are available in a choice of heights - 3", 4", 6.5", 8" and 9" - for a selection of FLR and FLTR fitments from 2015 and up.



6 1/2 " Red Ice for FLR

"The innovative design features 'hips' at the outer edge of the shield that reroute wind and air to add downforce to the front of the bike, improving stability at high speeds compared to riding with a stock windshield," says Brian.



"The 'flip' at the top of the Flare is designed to kick the air up causing it to flow back as 'clean', less turbulent air for the rider and passenger. Ice Flares have a vibrant fluorescent edge to give the motorcycle a little extra pop."

www.dragspecialties.com
www.getklocked.com



3 1/2" Orange Ice for FLR



6" Green Ice for FLTR



8" Yellow Ice for FLTR



9" Blue Ice for FLTR

Brian Case Named a Barber Museum Executive Director

This past summer, the Barber Vintage Motorsports Museum announced that Brian Case had been named executive director of the Birmingham, Alabama based nonprofit.

Case joined Barber Companies in 2019 and established the Barber Advanced Design Center in 2021. Case served as the Barber Advanced Design Center's director until his appointment to Executive Director of the Barber Vintage Motorsports Museum in June. Case is maybe best known as having co-founded Motus Motorcycles in 2008 and serving as design director and managing board member until

2018. Motus Motorcycles produced the MST and MSTR sport-touring motorcycles.

"Having designed motorcycles myself, the collection at Barber has been a great source of inspiration over the last 18 years. George Barber's vision, and the museum's mission, resonate with my lifelong passion for motorsports. This is why I am so honored to lead the team at Barber and expand its reach for future generations," says Case.

While continuing the museum's mission, Case will further the institution's impact with a focus on the future of design.



Since its establishment, the Barber Advanced Design Center has been a beacon leading the Barber Vintage Motorsports Museum into the future. This high-tech workspace for industrial design exploration includes laser-scanning and 3D printing machines, a multimedia hub allowing designers worldwide to collaborate, and an awe-inspiring view of the Barber Motorsports Park racetrack. The advancements in motorsports design and technology are equally important as its history - this museum and design center connects the two.

www.barbermuseum.org



**Smart Charger
& Maintainer**

3 BANK (2A)

6V / 12V

Lithium or Lead Acid

Auto-detect technology

Reconditioning function



**PLUG AND
PLAY
SOLUTION**



NEWS BRIEFS

Another comeback name for Honda in USA (not available in Europe), the new Honda Motocompacto is an e-Scooter that "redefines personal urban mobility as a sleek, simple and uniquely foldable all-electric take on early '80s Honda Motocompo. Priced at under \$1,000 it is designed as a "first and last mile" solution for the new realities of urban mobility with a zero-emissions range of up to 12 miles. The ultra-compact design becomes its own lightweight, compact and stackable carrying case. It is said to charge in just 3.5 hours with on-board charger that uses a common 110V outlet.



Grassroots authenticity at its best, the 16th annual Glemseck 101 in Germany attracted some 40,000 visitors over its three days (September 1-3) this year. The event has always been about more than just the motorcycles, but some 150 bikes duked it out on the 1/8 strip on the former 'Solitude' racetrack outside Stuttgart including, for the first time, Scooters.

The National Motorcycle Museum at Anamosa, Iowa, has closed permanently. Founded by John and Jill Parham (of J&P Cycles fame) the museum continued in business for some years after John's death, but Jill Parham took the tough decision earlier this year to close the museum after 22 years and auction most of the collection.

Motor Bike Expo - Billed as "more than an exhibition," the annual MBE 'Verona' Show will be staged again at the northern Italian city on January 19-21, 2024; www.Motorbikeexpo.it

Harley is recalling certain 2023 X350 RA motorcycles due to a possible fuel sensor leak - dealers will replace the fuel sensor gasket.

In the United States, Zero Motorcycles has announced permanently reduced MSRPs of up to \$4,500 less for certain models on all 2022 and 2023 motorcycles.

Riding the Husqvarna FX 450, Dalton Shirey clinched the AMA's 2023 Hare & Hound Championship, successfully defending his Pro Class title, garnering a third-career Hare & Hound crown. In other news, Max Ruml is the 2023 AMA Speedway National Champion, for the second time in his career, after missing the 2022 title by a single point to Broc Nicol.

Norton Pensions Fraud Saga Still Ongoing

A British newspaper has reported that Members of the UK Parliament are to launch an inquiry into the pension fraud prosecution of former Norton Motorcycles owner Stuart Garner. The inquiry will seek to establish if the prosecution of Garner was influenced by the prior support that he had received from local, regional and national government officials and business agencies - including multi-millionaire former British Finance Minister George Osborne. The Guardian newspaper reports that MPs will ask UK pension regulators about how the £10m scam was investigated. Financial regulators are to be summoned to parliament to explain how they prosecuted a fraud case that has not led to anyone serving prison time. During the period of his ownership, Garner and his iteration of Norton received a series of publicly funded grants and business incentives, along with tributes from the likes of George Osborne. Garner even



Former Norton owner Stuart Garner (left) seen with then UK Finance Minister George Osborne on a visit to the Donington Park Norton HQ in July 2015.

managed to use Norton's brand to secure himself a cameo role in the 2015 Bond film Spectre and traveled with a government trade mission to China on Theresa May's jet when she was UK Premier. Garner received an eight-month suspended prison sentence in 2022, with the judge saying that the former gamekeeper turned businessman would probably have been locked up if the Pensions Regulator, which was prosecuting the case, had alleged dishonesty - which, controversially, it did not do. New findings include

allegations Garner forged the signatures of business partners in order to allow him to more easily raise Norton funds; tapped sources of public money after making seemingly inaccurate claims to government bodies; oversaw a business where motorbikes returned to Norton for servicing were stripped of parts - which were then used to build bikes needed for new orders; owned an additional (fireworks) business where about £1m of assets appear to have been transferred from Norton just prior to the company being placed into administration in early 2022. Another UK Pensions oversight body, the Pensions Ombudsman - which is separate from the Pensions Regulator - ruled that Garner had indeed acted "dishonestly." Norton was acquired out of administration by Indian conglomerate TVS in April 2020 and has since begun marketing new bikes as a separate business from the one owned by Garner.

Royal Enfield Bullet 350 By Ben Purvis

Royal Enfield might be making tracks into the 21st century with models like the soon-to-be-revamped Himalayan and Scram, and even working on an electric bike for the future, but the company's 'day job' is its heritage and that's where the new Bullet 350 is aimed.

Built around the Euro 5-compliant 'J-series' engine that first appeared in the Meteor 350 in 2020, the Bullet 350 combines Royal Enfield's heritage with the sort of attractive pricing that the brand has become known for, all while intentionally avoiding any sort of gimmicks or over-the-top technology. That J-series engine is a 349 cc, air-cooled SOHC single that puts out 20.2 hp at 6,100 rpm and 19.9lb-ft of torque at 4,000 rpm, making for leisurely progress but avoiding the need to thrash it. Driving through a five-speed gearbox with an old school heel-and-toe rocker shifter, that engine's design is rooted in the past, with two valves per cylinder and a long 85.8 mm stroke combined with a small 72 mm bore. It's a recipe for low-rev torque rather than out-and-out performance, but one that should also make for a reliable, under-stressed



engine that's simple and easy to maintain. There's also some remarkable fuel economy on display, with 2.63 l/100 km (107 mpg), possible to give a range of nearly 500 km (310 miles) from the 13-litre tank. It's bolted to a traditional steel spine frame with 41 mm forks and twin rear shocks, offering little in the way of adjustability beyond six stages of preload at the back to accommodate different loads. A single 300 disc and two-pot front caliper do most of the braking, assisted by a 270 mm rotor and single-piston caliper at the back. ABS is standard, as required by law in

Europe. The Bullet's thickly-padded seat might not look as good as the Classic 350's single-seat unit, but it offers an extra dose of practicality that's a key part of the bike's appeal and its 805 mm height is within reach to most riders. Concessions to 21st-century technology are limited to a small LCD display inside the analog speedo and a standard-fit USB socket on the bars to charge phones or power a sat-nav, a level of simplicity that's likely to be appealing to most Bullet customers rather than seen as a downside of the bike.

Italian Business Titan and Piaggio Chair Roberto Colaninno Dies at Age 80

Following the announcement of the August 15th death of Piaggio Chair and CEO Roberto Colaninno at the age of 80, Piaggio & C. S.p.A. (PIA.MI) moved to confirm a new senior management corporate structure in early September. His two sons, who inherit their father's 51.1% controlling stake in Piaggio parent company IMMSI (IMSI.MI), have been appointed to the key senior management roles. Director Matteo Colaninno, 52, has been appointed to the post of Executive Chair, with powers largely consistent with those he held previously.

Director Michele Colaninno, 46, who was already Chief Executive of global strategy, product, marketing and innovation, has been appointed Chief Executive Officer. Michele Colaninno is additionally CEO and COO of IMMSI and is the current serving president of the Association of European Motorcycle Manufacturers (ACEM, Brussels).

The Piaggio board also co-opted Carlo Zanetti as a new non-executive director, so keeping the number of board members unchanged. The nine members of the Piaggio & C. S.p.A. Board of

Directors are now therefore Matteo Colaninno (Executive Chair), Michele Colaninno (CEO), Graziano Gianmichele Visentin (independent director), Rita Ciccone (independent director), Patrizia Albano (independent director), Federica Savasi, Micaela Vescia (independent director), Andrea Formica (independent director) and Carlo Zanetti.

Roberto Colaninno was admired and reviled in equal measure, but there is no doubting the profoundly positive impact he and his family have had in turning Piaggio from a famed but failing Italian business into a profitable and increasingly progressive conglomerate.



Michele Colaninno

Colaninno acquired Piaggio in 2003 and moved quickly to buy both Aprilia and Moto Guzzi in 2004. One of Italy's best known financial deal makers, per Reuters, Colaninno was a central figure in the country's industrial landscape who managed to turn around a number of failing companies, but also left a mixed corporate legacy.

"He is most famous for his surprise \$58bn leveraged buyout of Telecom Italia (TLIT.MI) in 1999, at the time the world's largest hostile takeover. Many investors applauded him for masterminding the deal, but allies grew disenchanted over his plans to cut the



Matteo Colaninno



Roberto Colaninno

debt mountain he had created and forced him to sell control of the group to tire-maker Pirelli.

"While Telecom Italia struggled to recover from the debt burden that drained its finances for years, Colaninno emerged from the deal with a fortune of his own, enabling him to buy IMMSI (IMSI.MI), a Telecom real estate business that he turned into an investment company.

"In 2008, Colaninno looked to revive another struggling Italian icon, national carrier Alitalia, investing heavily in the airline in 2008 and becoming chairman in the process.

"However, like many before him, he failed to turn the company around, and it was eventually shuttered. He was sent to trial last year along with 13 other defendants accused of fraudulent bankruptcy at the airline. He denied wrongdoing. The case has yet to come to court."

Whatever you ride, here at DP Brakes we have the perfect DUST-FREE, NOISE-FREE high-performance, long-lasting, all-weather brake pad for you.

Check out www.dp-brakes.com to see which of our latest sintered metal compounds is right for your bike.



- No brake dust -
- Progressive Feel -
- More Mileage -
- No Brake Fade -
- No Brake Squeal -



Keep your whitewalls WHITE
with our NO Dust, NO Noise XHDP pads
specifically designed for Harley Davidsons



www.dp-brakes.com

DRAG
Specialties

H-D and V & H Take a Win Each at COTA King Of The Baggers



Round 11 of the 2023 Mission King Of The Baggers series at the Championship of the Americas (COTA) circuit at Austin, Texas (September 10), saw Harley-Davidson Screamin' Eagle factory rider Kyle Wyman win his sixth race of the season and Harley riders claim all three of the podium spots - they went on to take five of the six available podium spots for the weekend.

On the Saturday, racers endured the challenge of temperatures topping 100 degrees at the start of the six-lap race. Wyman got a great start from the

pole and opened a 1.02-second lead after two laps, stretching that to more than 2 seconds at the finish.

Hayden Gillim was second on a Vance & Hines/Mission Foods Road Glide, followed by his teammate James Rispoli in third place. Travis Wyman was fourth on the H-D team's second Road Glide. The win moved Kyle Wyman two points ahead of Gillim for the series championship.

Wyman was the top qualifier for the weekend with a quickest lap of 2:15.621 on the challenging 3.4-mile, 20-turn COTA course. Wyman led the

Saturday race from start to finish.

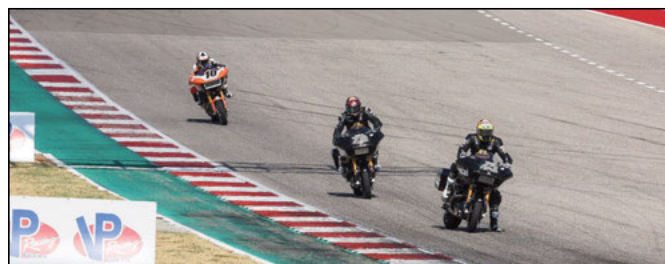
Rispoli won the Sunday race (**Championship Round 12**) on the V & H prepared Road Glide - Kyle Wyman having got caught in traffic at the start was running eighth when he crashed in turn 13 following contact with another rider.

Kyle Wyman was able to pick up his motorcycle and rejoined the race in last place, then battled back to finish in ninth place and earn valuable championship points. Rispoli took the race lead on lap 4 and crossed the finish line 8.66 seconds ahead of his teammate Gillim. Travis Wyman was running second before crashing out

on the last lap, promoting Gillim and Kyle Ohnsorg, who finished third on the Roland Sands Design Indian.

After 12 of 14 rounds in the 2023 MotoAmerica Mission King Of The Baggers series, Vance & Hines' Gillim leads the championship with 215 points, followed by his teammate Rispoli with 213 points, and Harley's Kyle Wyman in third place with 204 points. Travis Wyman is in eighth place with 86 points.

Up Next: The season finale (Rounds 13 and 14) on September 22-24 in the MotoAmerica Superbikes at New Jersey Motorsports Park in Millville, N.J.



Race 2 (Round 12) Circuit of the Americas - September 10

James Rispoli (H-D) Vance & Hines/Mission Foods/Harley-Davidson

Hayden Gillim (H-D) Vance & Hines/Mission Foods/Harley-Davidson

Kyle Ohnsorg (Ind) Roland Sands Design

Jeremy McWilliams (Ind) Progressive/Mission Foods

Jake Lewis (H-D) Team Saddlemen

Max Flinders (Ind) M3/Revolution Performance

Hawk Mazzotta (Ind) Lloydz Garage

Frankie Garcia (H-D) Team Saddlemen

Kyle Wyman (H-D) Screamin' Eagle Harley-Davidson

Travis Wyman (H-D) Screamin' Eagle Harley-Davidson

Patricia Fernandez-West (H-D) Team Saddlemen

Robert Johnson (H-D) Johnson Engine Technology

DNF. Bobby Fong (Ind) Sacramento Mile/SDI Racing/Roland Sands

DNF. Tyler O'Hara (Ind) Progressive/Mission Foods



Race 1 (Round 11) Circuit of the Americas - September 9

Kyle Wyman (H-D) Screamin' Eagle Harley-Davidson

Hayden Gillim (H-D) Vance & Hines/Mission Foods/Harley-Davidson

James Rispoli (H-D) Vance & Hines/Mission Foods/Harley-Davidson

Travis Wyman (H-D) Screamin' Eagle Harley-Davidson

Kyle Ohnsorg (Ind) Roland Sands Design

Jake Lewis (H-D) Team Saddlemen

Max Flinders (Ind) M3/Revolution Performance

Hawk Mazzotta (Ind) Lloydz Garage

Frankie Garcia (H-D) Team Saddlemen

Patricia Fernandez-West (H-D) Team Saddlemen

DNF. Bobby Fong (Ind) Sacramento Mile/SDI Racing/Roland Sands Design

SAFER QUIETER CLEANER

PERFORMANCE YOU CAN FEEL

100% SATISFACTION GUARANTEED



**LYNDALL
BRAKES**.com



@lyndallbrakes



info@lyndallbrakes.com • +1 (800) 400-9490

www.lyndallbrakes.com/dealers

Hayden Gillim "Gets The Job Done At New Jersey Motorsports Park"

The 2023 Mission King Of The Baggers series came to a conclusion with Rounds 13 and 14 at the New Jersey Motorsports Park at Melville, NJ., on September 23 and 24.

Only seven points separated Vance & Hines Mission Harley-Davidson teammates Hayden Gillim and James Rispoli going into Sunday's race two at New Jersey Motorsports Park, but the hugely anticipated showdown never really materialized because Rispoli ran off on the wet-but-drying track while leading early in the race. Though he didn't crash, the off-track adventure put him well back in the pack and he ended up seventh.

That essentially handed the title to Gillim, but he still had to race, and he ultimately finished second to H-D Screamin' Eagle rider Kyle Wyman who took the win the race after having a miserable weekend to that point - one lowlighted by his crash in the Saturday race, eliminating him from any chance of winning the championship.

Third place went to M3/Revolution

Wyman broke his own New Jersey Motorsports Park class lap record of 1:24.447 aboard his race-prepared Road Glide. That time would never be approached for the rest of the weekend as rain resulted in very wet to damp conditions on the 2.25-mile, 12-turn road course on Saturday and Sunday.

Gillim (215 points), Rispoli (213 points) and Wyman (204 points) were each in contention for the championship before the start of the first eight-lap King Of The Baggers race of the weekend on Saturday 23rd. As the riders completed a warm-up lap in the rain, Wyman lost control and slid off track. He was able to remount and start the race, but his motorcycle was damaged, and he retired on lap 3. Gillim took the race lead on lap 3 and was never challenged as early leader Rispoli could not match his pace on the wet track and settled for second place, 9.10 seconds behind Gillim. Harley-Davidson Screamin' Eagle factory rider Travis Wyman battled to finish in third



Max Flinders was a popular third in the Mission King Of The Baggers Race II, with the Brit earning the first podium of his MotoAmerica career. Photo by Brian J. Nelson

the championship, and that's the next-best result for us. I want to send a big thanks to everyone at Harley who worked so hard for us this season, and we'll be back to get them next year." At the conclusion of the 14-race 2023 MotoAmerica Mission King Of The Baggers series, Gillim won the championship with 260 points. Rispoli is second with 242 points, followed by Kyle Wyman with 229 points. Wyman won seven of 14 races on the season, with one additional podium finish. Jake Lewis rode a Team Saddlemen Harley-Davidson Road Glide motorcycle to seventh place with 126 points. Travis Wyman placed eighth with 112 points.

The Mission King Of The Baggers series features race-prepared American V-

Twin touring motorcycles. Harley-Davidson Factory Team Road Glide motorcycles are powered by modified Screamin' Eagle Milwaukee-Eight 131 performance crate engines. The team bikes also feature upgraded suspension components, including Screamin' Eagle/Öhlins remote reservoir rear shocks, plus competition exhaust, race tires and lightweight bodywork.



Kyle Wyman (33) won the Mission King Of The Baggers season finale at New Jersey Motorsports Park, but the championship went to Hayden Gillim (79). Photo by Brian J. Nelson

Performance Indian Challenger rider Max Flinders whose popularity as a crowd and paddock favorite was underscored by the raucous celebration he received on the podium after the race. For Flinders, it was his first career MotoAmerica class podium.

An excited Gillim said: "It's been one of, if not the best, year of my life." With three race wins and eight additional podium finishes for the season he continued: "I'm really happy to bring this home for Vance & Hines, for Mission Foods, and for Harley-Davidson. Next season will be a real scrap in this series. Honestly the field is stacked, and if everybody stays next year, it's going to be a tough championship to hold onto."

In the Friday qualifying session,

place and scored his first podium finish of the season, just 0.40 seconds behind Rispoli.

Kyle Wyman bounced back with his Sunday race win, opening a gap and stretched his lead to 3.724 seconds over second place Gillim at the finish. "After Rispoli went off, I just tried to be patient, not make a mistake and open a gap," said Wyman. "I suppose a win in the last race sends a message. It really stings to come up short in the championship after winning the most races, but I'm also proud of my race wins, proud of the team and what it has accomplished from a development standpoint, and that trickles down to the other Harley teams. His has been a crazy year, and obviously this weekend did not end as we hoped it might, but Harley-Davidson is one-two-three in

MotoAmerica King of the Baggers Race Results - New Jersey Motorsports Park Race 1

Hayden Gillim (H-D) Vance & Hines/Mission Foods/Harley-Davidson
James Rispoli (H-D) Vance & Hines/Mission Foods/Harley-Davidson
Travis Wyman (H-D) Screamin' Eagle Harley-Davidson
Kyle Ohnsorg (Ind) Roland Sands Design
Bobby Fong (Ind) Sacramento Mile/SDI Racing/Roland Sands Design
Jake Lewis (H-D) Team Saddlemen
Max Flinders (Ind) M3/Revolution Performance
Tyler O'Hara (Ind) Progressive/Mission Foods
Frankie Garcia (H-D) Team Saddlemen
Patricia Fernandez-West (H-D) Team Saddlemen
DNF. Kyle Wyman (H-D) Screamin' Eagle Harley-Davidson
DNF. Cody Wyman (H-D) Team Saddlemen
DNF. Jeremy McWilliams (Ind) Progressive/Mission Foods

MotoAmerica King of the Baggers Race Results - New Jersey Motorsports Park Race 2

Kyle Wyman (H-D) Screamin' Eagle Harley-Davidson
Hayden Gillim (H-D) Vance & Hines/Mission Foods/Harley-Davidson
Max Flinders (Ind) M3/Revolution Performance
Bobby Fong (Ind) Sacramento Mile/SDI Racing/Roland Sands
Jeremy McWilliams (Ind) Progressive/Mission Foods
Travis Wyman (H-D) Screamin' Eagle Harley-Davidson
James Rispoli (H-D) Vance & Hines/Mission Foods/Harley-Davidson
Kyle Ohnsorg (Ind) Roland Sands Design
Jake Lewis (H-D) Team Saddlemen
Frankie Garcia (H-D) Team Saddlemen
Patricia Fernandez-West (H-D) Team Saddlemen
DNF. Tyler O'Hara (Ind) Progressive/Mission Foods
DNF. Cody Wyman (H-D) Team Saddlemen

**SHARKNADO FAIRING
WITH QUAD-POD
DAYTIME RUNNING LIGHTS**

M8 SOFTAIL

When it's time to take your new MB Softail to the next level check out our entire line up of killer products for HD's newest platform.

Paul Yaffe Originals has all the products you need to transform your stock MB Softail Into the street scorching custom you crave. Check out our direct bolt-on line up of "The Fix" Rear Fenders, Front Fenders, Body kits, Lighting and MORE!

Whether you have a M8 Softail or a Bagger we have the quality custom parts you need! Desert forged in Phoenix Arizona by bikers for bikers.

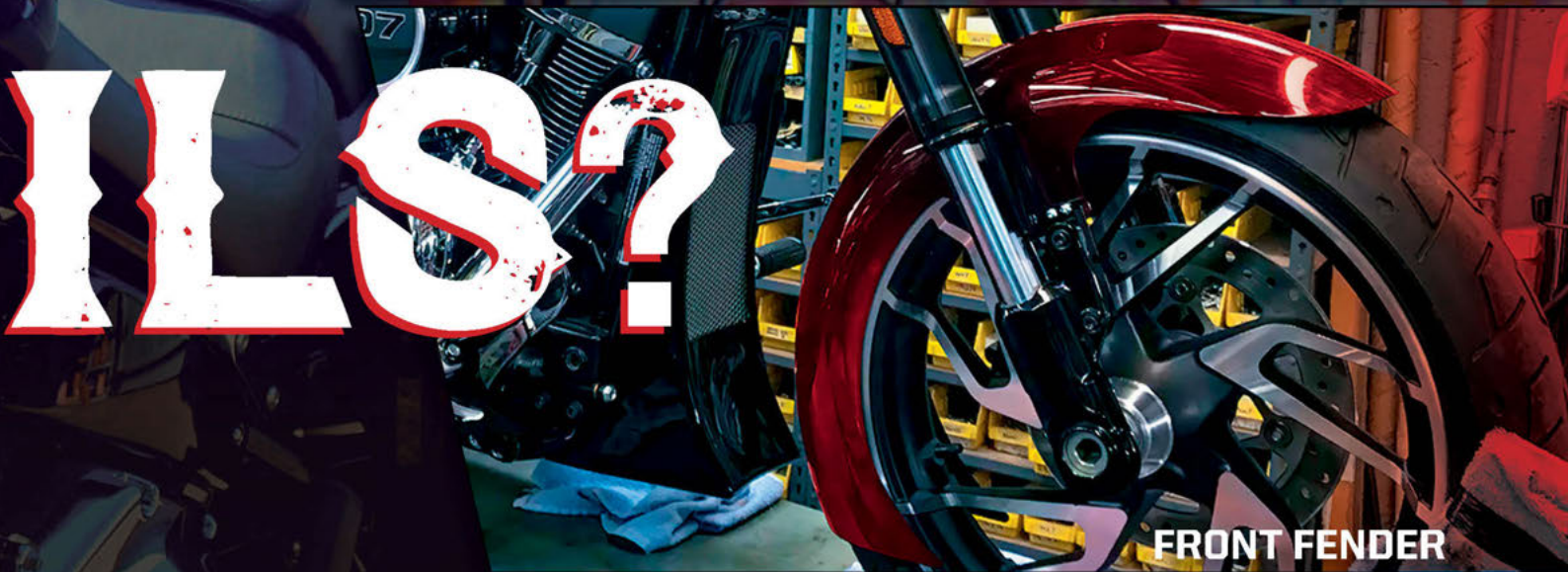
**FOR THIS AND MORE SCAN THE QR CODE OR
VISIT baggernation.com OR CALL 602.840.4205**



DASH



LIGHT & LICENSE KIT



FRONT FENDER

ILS?



CHINSCOOP



MORE BUSINESS

Drag Specialties & Parts Unlimited 2023



North American NVP

Madison, Wisconsin, August 17-20, 2023



Words and Pictures
by Robin Bradley



AMD presents a second selection of parts and accessory vendor news from this year's successful Madison Drag Specialties & Parts Unlimited Dealer Show in August. Despite the far from normal times in which we live, the show itself represented the final stage in Drag Specialties' ability to restore a sense of 'Business as Usual'. Following the market and events schedule disruption wrought by the pandemic, LeMans couldn't 'Get The Band Back Together' until August 2022. Now, 12 months on, the rhythm of what had become the usual business cycle, in event terms, was finally restored with a consecutive annual show in August 2023 ...



Barnett Clutches & Cables: Jennifer and Chance Darling. Founded by Charlie and Afton Barnett in 1948, Ventura, California based Barnett is celebrating its 75th anniversary this year and remains one of the market's leading clutch and cable manufacturers. Recent product news include the first in a brand new line of lock-up pressure plates for all M-8 FL Touring model slip and assist models. "Our one-piece hard anodized billet pressure plate guarantees no flex and optimal durability," Chance told AMD. "The weighted arms apply progressive pressure as rpms increase with two sets of chrome silicon heat-treated and preset no-sag springs included for different pressure options"; www.barnettclutches.com



Motion Pro: Highlights among a slew of new product designs introduced by the Loomis, California based cables and specialty motorcycle tools market leader include a digital 4-stroke leak down tester, a heavy-duty clutch holding tool and a 'Trail Task' ADV chain tool that is especially relevant for Pan America riders. In which connection - no self-respecting ADV rider should head 'off-piste' without packing Motion Pro's high strength (7075-T6 aluminum), lightweight (just 9 ounces for a set of 2), 9.8"/249 mm patented design BeadPro lever set; www.motionpro.com

NEW M8 LOCK-UP PRESSURE PLATE

EASY
BOLT-ON
INSTALLATION



From

Barnett

TAKING IT UP A LEVEL IN HARLEY PERFORMANCE!

**FOR ALL MILWAUKEE EIGHT FL TOURING MODELS
ALL 2013 & UP 3-SPRING ASSIST AND SLIP
HD MODELS (EXCEPT SOFTTAILS)**

- Progressive pressure as RPM's increase
- One-piece, No-flex billet aluminum pressure plate
- Hard anodized for optimal durability
- Multiple spring sets for optimal tuning
- Fits under stock primary cover

Available for both cable and hydraulic applications

Cable Applications	618-30-23017
Hydraulic Clutches	618-30-33017

**Works great with stock clutches but
for maximum performance use**

Barnett replacement clutch 303-30-10019 or
Barnett extra plate clutch 304-30-10020



**MADE IN AMERICA
BY AMERICANS
FOR AMERICAN MOTORCYCLES!**



Performance from a name you trust.



FIND CLUTCHES FOR YOUR BIKE
BARNETTCLUTCHES.COM



Memphis Shades: Mike Curry told AMD that since agreeing a return to exclusive distribution with Drag Specialties a year ago, the Rossville, Tennessee based manufacturer has seen its windshield and fairing sales grow despite a "tricky" market. Mike told AMD that "we design and build all our windshields, fairings and hardware in-house - 'raw materials in, finished goods out' - using unique proprietary processes, including patented hardware made of electrocoated aluminum and stainless steel fasteners, featuring angle adjustability, interchangeability and no-tool removal." Recent new products from the long-time AFT supporter include its spoiler windshield for 'Rushmore' Tourers (2014 and up). Designed using CFD to work in concert with the split stream vent, they are manufactured in Lucite branded PMMA and available in four custom heights (3", 4.5", 6.5" and 8.5") and a choice of finishes; www.memphisshades.com



Kibblewhite Precision Machining: New from the Pacifica, California based valve train specialist is a slightly "off-piste" diversification - a precision saddlebag stabilizer solution for Low Rider ST applications. "Due to a lack of mounting support, the OE saddlebags are susceptible to shaking and vibration, particularly at high speeds. The KPMI saddlebag stabilizer creates a direct link between both bags and significantly strengthens the system." It is CNC-machined from aluminum and hard anodized black for durability; www.kpmi.us



Drag Seats: Recent additions from the Minnesota based manufacturer include Predator III 'Slip Stop' covered seats for '18-'23 FLHC/FLHCS/FLSL/FLDE/FXBBB/FXBBB models, 3/4 Solo Seats for Indian Bobbers and 6.5" high driver support two-up and Solo Predator seats (2018-2023 FLSE, FXLR, FXLRS, and FXLRST) that are designed narrower at the front for better leg clearance. All Drag Seats feature a high-quality automotive-grade vinyl cover and molded polyurethane foam for maximum comfort and styling, a 3/16" thermoformed ABS seat base plate and carpeted bottom; www.dragspecialties.com

Make A Date

September

DR

Specialties

PAK

UNLIN



Legend Suspensions: Recent new products from the Jesse Jurens founded, Sturgis, South Dakota based suspension specialist include its new AXEO Comfort front fork cartridges for FL Touring models. They feature a spring rate that "provides improved small bump compliance, superior ride quality, as well as increased resistance to bottoming out - utilizing the same threaded preload adjuster that we developed for our high-performance line." Designed for use with stock diameter front wheels; www.legendsuspensions.com



Revolution Performance: Recent new products from the Plymouth, Wisconsin based manufacturer include a 55 mm intake manifold for 2017-2023 M-8 applications - described as the "ultimate cost-effective upgrade." Replacing the stock plastic design with its precision CNC-machined 356 T6 heat-treated cast aluminum design will, on average, boost your Harley's performance "by a remarkable 3-4% horsepower/torque by just bolting on our manifold. Pair our manifold with a simple tune and see 5-6% horsepower/torque gain. Add our CNC-ported cylinder head package with the manifold and tune to see 12-14% horsepower/torque increase;" www.millennium-technologies.com



Saddlemen: Distributed exclusively by Drag Specialties and Parts Unlimited, the Rancho Dominguez, California based gel seating specialist's Bagger Racing adventures have not stopped it innovating in its 'day-job' - with the distinctive weave of carbon fiber the latest performance look finish for touring and bagger solo and two-up seats, including its popular 'Roadsofa' line, and (much needed!) seat upgrade options for the Pan America; www.saddlemen.com



Slipstreamer: Making motorcycle accessories since the early 1970s, Slipstreamer has been based in Blaine, Minnesota since the early 1990s and is still family owned and operated - by the founder's son, Bob Eggerichs. The company manufactures own brand and private label OEM replacement screens for many leading motorcycle brands, not least Harley, Indian, Honda, BMW, Kawasaki, Victory, Suzuki and Yamaha. The Slipstreamer focus has always been on achieving the highest standards of optically correct wind protection possible and its material of choice is Lucite - an impact-modified aircraft acrylic. All its motorcycle windshields come standard to fit both 7/8 and 1" handlebars; www.slipstreamer.com

- Milwaukee
7-8, 2024

AG
Specialties
RTS
LIMITED

Slyfox Performance: Distributed exclusively by Drag Specialties and owned and operated by Bagger Racing fanatic Alex Fox. Living by the 'Lighter, Stronger, Faster' mantra, track tested and race proven parts designs from the fast-growing Californian manufacturer include Slyfox Pro Series Seats (by Saddlemen), exhausts (in collaboration with Bassani), risers and adapters, top clamps, triple clamps and wheels, plus a Slyfox carbon fiber collection that features wheels, fenders and covers; www.slyfoxperformance.com



Trask Performance: Living by the mantra 'Performance Minded, Performance Driven', Nick Trasks Phoenix, Arizona based tuning shop and parts manufacturing business is firmly established as a 'House of Power' with every chance that its back-to-back Bagger Racing League Championship titles will become a triple header of consecutive wins when the 2023 season wraps up at Willow Springs in California in November. Established in 2000, the Trask range has grown way beyond that leading H-D turbo system that established the Trask name, with its award-winning Assault Series custom parts known for their aggressive styling, monster power and ground-up custom detail work; www.traskperformance.com



JIMS: Featured products from the Camarillo, California based manufacturer include 6061 billet aluminum low profile billet tappet covers and pushrod cover kits. "The tappet covers on the M-8 engine have grown substantially in height compared to Twin Cam engines. This additional height not only makes it challenging to adjust pushrods, but the covers have lost a bit of styling in their redesign. The new JIMS billet "low profile" M-8 tappet covers not only have a sleek new look, but they are approximately 1/2" lower than stock" - making pushrod adjustment easier to do; www.jimsusa.com



Baker Drivetrain: Recent new products from the Michigan based transmission specialist include a new cable-type side cover designed with "minimal waste and purposeful mechanical intent," said Bert Baker. Machined from vacuum-formed, certified 6061-T6 billet aluminum, it is compatible with OEM or aftermarket transmissions and can be used with the factory throwout bearing - "but we highly recommend upgrading to the Baker heavy duty throwout bearing kit." As a replacement for the ugly stock bubble cable side cover the "spatial envelope is significantly smaller than the OEM cable side cover, with design features including a convenient side transmission fill port." Available in gloss or wrinkle black, it utilizes the stock clutch cable, ball and ramp and is designed for maximum exhaust pipe clearance. It can be used as an OEM replacement, even for hydraulic actuated applications on 2007-later Softail and Touring applications, and 2006-2017 Dyna applications (compatible with cable operated clutches and hydraulic clutch retrofits); www.bakerdrivetrain.com



Custom Dynamics: Dave Pribula - celebrating its 20th anniversary - recent new products include Double-X complete LED headlight assemblies for Road Glides as direct plug and play replacements for the OEM headlight on 2015-current models. They feature double lamps within a completely sealed IP67 rated waterproof housing, providing projection-style low beam. The Youngsville, NC based specialist offers a complete catalog of Indian Motorcycle applications; www.customdynamics.com



Daytona Twin Tec: Owned and operated by DeBary, Florida based JMS Performance Group, DTT internal and external ignitions can be installed on "virtually any H-D V-twin made from 1970-1999 and our TC88 complete ignition kits work on all Twin Cam V-twins"; www.d-tts.com



Arlen Ness: The Dublin, California parts designer and engineer continues to grow its popular 'Method' branded series of custom and upgrade parts and accessories. Recent additions include forged billet aluminum hand levers featuring a performance inspired design with an ergonomic shape and short length. Each lever is CNC machine-shaped to enhance feel and comfort with a performance-inspired 'Shorty' length design that features a comfortable ergonomic shape. Other 'Method' options include 'kickback' style risers, replacement air filters, a Bagger-specific design ignition switch, top triple trees for 2-15 and up Road Glides and its advanced 'No Flex' fork legs; www.arlenness.com



Vance & Hines: Tom Trobaugh told AMD that Vance & Hines' FP4 maps for street legal Screamin' Eagle camshafts are "well established as a tuning solution for Stage 1 upgrades, but that "like exhaust systems and air intakes, the FP4 tuner is now ready to embark on a rollout of Stage 2 FP4 maps for Screamin' Eagle street legal camshafts." Available now in the FP4 app, owners of 2021 and later M-8 114 cubic inch air-cooled Touring models can select maps for SE Torque and Power camshafts paired with Vance & Hines exhaust and air intake upgrades, using the drop-down menus for selecting their map." This initial rollout will be followed by maps for the same camshafts on 114 cubic inch twin-cooled Touring models, as well as 117 cubic inch Touring models for the SE Power camshaft. M-8 Softail models are also planned for map development for these same SE street legal camshafts. In total, the development plan will cover all standard M-8 107, 114 and 117 cubic inch engines for Touring and Softail models compatible with the SE Torque and/or Power camshafts; www.vanceandhines.com



Show Chrome: Best known for its Honda Gold Wing motorcycle accessories, the Rice Lake, Wisconsin Big Bike Parts brand has diversified into parts and accessories for the Polaris Slingshot and Can-Am Spyder and Ryker "reverse trike" roadsters; www.bigbikeparts.com

RACE REFINED



Now Available for M8 Touring, M8 Softail & 09-16 Twin Cam Touring



Gold Ops Mid Controls



Black Ops Mid Controls



DISCOVER MORE AT
PERFORMANCEMACHINE.COM



**Performance
Machine.com**
BRAKES WHEELS ACCESSORIES

PREMIUM • QUALITY • ENGINEERED



Cometic Gasket: The Concord, Ohio based manufacturer's new line of Premium M-8 MLX head gaskets are "meticulously crafted to withstand the rigorous demands of Milwaukee-Eight engines," says Jason Moses, "effectively sealing the combustion chambers, cylinder heads and other critical components." They have a compressed thickness of .032" with a round bore shape and are offered in 3.937", 4.250", 4.320", 4.430" and 4.500" sizes. Featuring a three-layer laminate, these MLX (Multi-Layer-Xtreme as opposed to its MLS Multi Layered Steel) gaskets have been developed for high cylinder pressure application, high compression, turbo, supercharger and nitrous applications. They have a 'Center Stopper' layer with bore edges that fold over itself, simulating an O-ringed head;

www.cometic.com



Coastal Moto: Brand-new for 2023, Coastal Moto announced that its popular Largo 3D wheel design is now available with matching rear for Harley Tri-Glides, Freewheelers and the brand-new Road Glide 3. "Also new this year, our precision-cast Marlin 3D bronze front and rears for 2000 - 2023 Touring models are offered for ABS or non-ABS models, with or without factory TPMS (Tire Pressure Monitoring System) compatibility." www.coastalmoto.com



Dakota Digital: The Sioux Falls, South Dakota instrument specialist's bar-mount instrument system is "loaded with features and highly customizable," says Motorcycle Products Sales Specialist Josh Kobernusz. "Integrated pushbutton switches allow for accessible operation, even with gloves. User-selectable RGB lighting allows color selections to suit the bike and theme, movable displays allow the rider to place readouts in a variety of display locations, for several of the displays - there is even a choice of digital or bar-graph style readout." Riders can also select between imperial or metric displays; www.dakotadigital.com



Metra Electronics: The Holly Hill, Florida based audio and lighting products manufacturer is best known in the V-twin market for its Saddletramp branded range. New this year and designed for easy integration with factory audio systems, the Saddletramp BC-DSPX-HD2 and DSPL-HD2 all-in-one Digital Service Provider (DSP) and interface allows the factory H-D radio to be reflashed to enhance the sound system with a DSP that reflashes 11 button radios, four button radios and GTS radios, giving the rider full tuning from the palm of their hand. Available for FLH and FLT, 2014 and up. It reflashes the OE curve to a flat response curve with ten channels of output from the DSP and a 31-band graphic EQ, or 5-band parametric EQ per channel; www.metraonline.com



Klotz Synthetic Lubricants: Based in Fort Wayne, Indiana, and founded by John C. Klotz Jr. in 1959, Klotz was acquired two years ago by Ohio gasket manufacturer Cometic. Specializing in providing "superior lubricants to racers, performance enthusiasts and traditional end users who won't settle for anything less than the best available lubrication products on the market today. For over 60 years, Klotz has proudly serviced the high-performance needs of the automotive, kart, marine, motorcycle, RC scale model, personal watercraft and snowmobile markets;" www.klotzlube.com



Custom Cycle Engineering: The Oceanside, California based manufacturer's one-piece radial brake caliper bracket for its new 43 mm fork tubes for Low Rider S/ST models come in pairs and will adapt to factory Harley fork tubes as well as CCE's own tubes. They work with factory brake lines, axle and fender and fit most radial mount calipers with 100 mm bolt centers; www.customcycleengineering.com



ECE R22.06 certified
US DOT FMVSS No. 218 compliant

Biltwell.

The all-new Gringo S helmet shown in Vintage Desert Spectrum.
See more at www.biltwellinc.com



Belt Drives Ltd: Available in standard or ball bearing pressure design, BDL's updated Competitor clutches "provide serious riders with exceptional performance and long-term reliability when compared to OEM and other conversions on the market," says BDL founder Steve Yetzke. Made at BDL's own facility in California, both the kits are designed to fit directly into OEM clutch baskets on 1990-1997 Big Twins. Additionally, they replace the factory clutch hub, clutch plates and pressure plate; www.beltdrives.com



Pro-One Performance Products: New for 2023, its 'T-Rex' Shorty brake and shift arms are CNC- machined from billet aluminum and measure 6.25" long - which is 2.55" shorter than the OEM 8.8" length - "allowing the rider to keep their feet in a more aggressive position while braking. Available for selected FLHT models in chrome, black or gold; www.pro-one.com



ROX Speed FX: Though best known in the 'snow market', the Cohasset, Minnesota based manufacturer also offers a range of patented 2, 3 and 4" pivoting, 2, 4, 6 and 8" post style, and 4, 6 and 8" angled post style risers in a choice of finishes on Pan America, Chieftain and Roadmasters. Designed specifically for the Pan America, its Barback Riser gives 1 9/16" of diagonal rise, moving the bar some 1 3/8" up; www.roxspeedfx.com



CanDo International: The El Monte, California based diagnostics specialist says it is "changing the game" for motorcycle and powersports applications with its 'MOTO PRO' - a "comprehensive and full-functionality scan tool that can access the onboard systems for all major motorcycle and recreational vehicle brands" including Harley, Indian, Ducati, BMW, Triumph, Yamaha, Honda, Suzuki, CanAm, Polaris RZR, "and more". The MOTO PRO allows dealers to read and clear codes, view live data, perform injector tests and self-adaptive resets and perform actuator calibrations such as idle and throttle. It has 'Rider Assist' and 'Immobilizer' coverage and a complete connector suite; www.candointl.com



Khrome Werks: Recent new products from the Lincoln, Nebraska headquartered, Pine Island, Minnesota based manufacturer include a diversification that makes sense for any exhaust manufacturer - into the air cleaner sector. Its 'Instigator' air cleaner series is said to have been "inspired by two of our most popular tip designs - the Tracer and the Klassic," says Sales Manager Chris Reid. Available in black and chrome, they feature a reusable black cotton element protected by a stainless mesh, one-piece aluminum backplate, hidden breather and an oil catch can (M-8 models only). They are available for M-8 and Twin Cam Touring models. Added to their exhausts program this year is a 2-into-1 'Outlaw' three-step design (1-3/4" to 1-7/8" to 2" primaries) exhaust for 2017 and up M-8 models. Finished in its award-winning Eclipse "true black chrome" finish, they have a 2.5" collector mated to a 4.5" Khrome Werks HP-Plus muffler. A choice of tips are sold separately; a ghost pipe is additionally available; www.khromewerks.com



ODI Grips: The Riverside, California specialist is best known for its best-selling 130 mm Old School classic VANS reinforced 'Waffle' pattern lock-on grips sets. The clutch side billet alloy knock-on clamp "delivers 100% slip-free security," with the throttle side featuring a model-specific molded-in throttle tube. They are available in a choice of colorways for 1984 and up H-D cable-actuated, 2008 H-D Throttle-by-Wire and 2018 and up Indian Touring TBW models; www.odigrips.com



Wiseco Performance Products: Owned by Race Winning Brands (of Rekluse clutches, JE Pistons and ProX Racing Parts fame, among other powersports industry performance brands), Wiseco is one of the longest established names in the performance aftermarket, having been founded as Wiseco Piston Co. by Clyde Wiseman in 1941. First introduced in 2017, Wiseco 'Black Edition' pistons feature ArmorFit and ArmorX proprietary coatings to conform to bore and reduce operating friction and noise, and increase crown, ring groove and pin wear resistance respectively; www.wiseco.com

AMERICAN V-TWIN BRAKE PADS AND ROTORS FOR ALL RIDING STYLES

Find the **new and improved**
SBS Better Brakes on
sbsbrakes.com

sbs
GO AHEAD

HI-TECH BRAKE SOLUTIONS
MADE IN EUROPE



Find the right brake pads, discs or clutches for your bike

Select the fields in any order

Brand* CC* Model* Year*

SHOW MATCHES >

NEW SEARCH



USE THE MODEL LOOK-UP WIDGET AT SBSBRAKES.COM



@sbsbrakes | sbsbrakes.com | #GoAhead

PROUD SPONSOR IN



OFFICIAL BRAKES OF



Zodiac International Additions

S&S Stealth Mini Teardrop Air Cleaner Kits



Created in 1975, the S&S Teardrop air cleaner "has long been the iconic shape of V-twin performance. Adding to that legacy, the Teardrop Mini is an easy install compact version, designed around the S&S Stealth high flow air cleaner system. With an increased filter area, combined with a radiused inlet and unique S&S stinger, these Stealth air cleaner kits offer "smoother, faster airflow for more power." Kits include Mini Teardrop cover, a backplate, washable filter element, hardware and instructions.

PM Race Series Cam Cover for M-8



Performance Machine Race Series covers are "carefully crafted with the utmost precision to dissipate heat more effectively and provide a race-inspired look. These covers come with PM's Black Ops anodized finish for a durable, elegant, 'go-fast' Race Series signature appearance."

V-Performance 2-into-1 for M-8 Softail



Italian made, these complete 2-into-1 systems feature an aluminum 'Revolver' style end cap. The E-approval makes them street legal all over the European community. Features include header heat shields, built-in catalytic converters and removable dB killer. Removal of the dB killer voids the E-approval.

PM M-8 Rocker Box Covers



These Performance Machine rocker box covers are "carefully crafted with utmost precision to dissipate heat more effectively and provide a race-inspired look."

ZODIAC INTERNATIONAL BV
Mijdrecht, NETHERLANDS
Tel: +31 (0)297 288 621
sales@zodiac.nl
www.zodiac.nl



Indian[®]
MOTORCYCLE



FREEDOM[™]
PERFORMANCE

MADE IN USA *exhaust*



CHOICE OF DISTINCTIVE BILLET END-CAP •
END-CAPS OFFERED CHROME OR CERAMIC BLACK AND GOLD •
REMOVABLE BAFFLES, QUITE ONES ARE OPTIONAL •
DEEP THROATY HOT ROD SOUND •
CRISP THROTTLE RESPONSE •
EASY INSTALLATION •

**NEW
PRODUCTS**

INDIAN CHIEF / SUPER CHIEF LIMITED
SHARP CURVE RADIUS W/SASH SCULPTED END-CAPS
PART# IN00441

FPE Designed & Manufactured in California
"European & American technology can work together for a better sound!"

Martin Arteaga CEO Founder FPE

EASY TO INSTALL MOTORCYCLE AFTERMARKET EXHAUSTS

BIKE: @BEARDEDBOBBER

FULL PRODUCT LINE-UP VIST: www.freedomperform.com

100% American Steel | Made in the USA

NEW!

Jetstream®

Made in Germany®

5 years warranty

The world's
most spectacular
motorcycle
sequential lighting
indicator is
approaching!

Kellermann



Phone: 0049 (0) 241 938 0815 | From USA & Canada: 011 49 241 938 0815

Email: info@kellermann-online.com | Auf der Hül 184 - 186 . 52068 Aachen . Germany

BE BAD

Bad Boy

Quantum®
Hardcoated
Polycarbonate
Replacement
Screen



National Cycle Windscreens
Race in King of the Baggies®
Courtesy of Vance & Hines®
Photo by Brian J. Nelson

**national
cycle®** since 1937

www.nationalcycle.com
#TheWindshieldExperts



465 SERIES

465 SERIES FEATURING R.A.P.

The 465 Series shock with R.A.P. (Remote Adjustable Preload) boasts a state of the art high pressure gas monotube shock design for the new Harley-Davidson M8 Softail models. It utilizes a large 46mm bore with deflexive disc damping, preload adjustable threaded body and a five position rotatable rebound damping adjuster. The beefy 16mm hard chrome shaft rides on custom viton seals for a low friction and leak free life. Every shock includes a R.A.P. mounting bracket and instructions on various R.A.P. mounting options depending on your bike model.

Threaded Body
Preload Adjuster

Hard Anodized
46mm Bore
Aluminum Body

High Pressure Nitrogen,
Monotube Design

R.A.P.
Remote Adjustable
Preload

16mm
Precision Ground
Hard Chrome Rod

5 Position Rebound
Damping Adjuster

Mounting Eyes
with Spherical Bearings



PROGRESSIVE
suspension

LEARN MORE



APM - 'Back to The Future'

Described by American Prime Manufacturing's President Ben Kudon as being "so close to the original it's scary," these high-quality black reproduction springer front ends feature chrome springs and fit OE 1936 - early 1946 EL and FL Harley-Davidsons and custom applications. They do not include the top tree, bearing cups or bearings, but as precision dimensioned reproductions, they do work with the original drum break and star hub and are now back in stock at APM's Santa Fe Springs, California factory. Also seen here, and also back in stock with APM, this Mikuni HSR45 total



carburetor kit fits Harley Big Twin Evo models from 1984-1999. Kudon points out that, of course, any parts or components that defeat the emissions control systems or cause emissions to exceed the standards on California pollution-controlled motor vehicles cannot be sold to customers in California or other states where similar laws may apply. However, that does not change that fact that the HSR45 was a legendary bolt-on performance upgrade 'back in its day'. A slide-type, smoothbore carburetor equipped with a roller bearing two-piece slide for smooth and easy throttle pull, it was a 45 mm venturi redesign of the equally legendary HSR42 performance carb. With the same reliable features as the '42,' the greater airflow



allowed customizers to keep step with the increasing capacity of the highly modified engines that the EVO era spawned.

AMERICAN PRIME MANUFACTURING
Santa Fe Springs, California, USA
info@apm-inc.us
www.americanprimemfginc.com

Brough Superior - Powered by BS Battery

French battery specialist BS Battery has come a long way since the company was established in 2008 by industry veteran **Alain Sebban**. Operated daily by his son Benjamin Sebban, the company has traveled a long way in its 15 years. Though best known to AMD readers as one of the fastest growing battery and charger brands - with six subsidiaries and sales in 80 countries - the company first introduced its charger line in 2011, with its 'SLA' batteries launched in 2014, followed by the 'SLA' Max a year later and its lithium battery program in 2019.



A new Gen 2.0 range of smart chargers came to market in 2021, and throughout the past decade, the battery specialist has built its road and off-road race credentials - with riders such as Johann Zarco, Fabio Quartararo, Aleix Espargaro and Maverick Vinales. However, while it isn't a closely held secret, BS Battery's profile as an OEM battery manufacturer gets less attention, and it is the demands of meeting or exceeding OEM specifications that has driven the manufacturing quality, power and features of its aftermarket battery and charger program. Certified to ISO 9001, ISO 14001 and ISO/TS 16949, BS Battery "went through very long quality

validation processes and audits to obtain manufacturer approvals," says Benjamin, and supplies major manufacturers worldwide, including the **Brough Superior** reincarnation as seen here - headed up in France by **Thierry Henriette**.

"We have been partnered with Brough Superior for a couple of years now," Benjamin explained. "We started together with our lead acid battery, and we recently upgraded its high-end bikes with our lithium solutions - our newest lithium range design, distinguished by the red top - distributed across the USA by LeMans Corporation (Parts Unlimited and Drag Specialties).

"Renowned as the 'Rolls-Royce of motorcycles', we are proud to be Original Equipment Manufacturer for Brough Superior and Aston Martin Café Racer bikes and happy that the new iteration of the brand is built right here in France.

"Both our companies share the same vision of leading through passion and excellence, and now both companies are bringing their expertise together to perpetuate the brand's legendary heritage. The finest bikes crafted in Brough Superior's French workshops are revolutionizing the luxury motorcycle industry by combining timeless design with its exclusive patented engine.

"The fact that Brough Superior chose our batteries for such an upscale undertaking shows how well regarded our technology and manufacturing quality is. Over 100 years after George Brough founded the original company, respected motorcycle designer Thierry Henriette is at the helm of a passionate team that carefully handcrafts each bespoke motorcycle that leaves its workshop.

"Led by the same passion for adventure, technology and excellence, the connection between Brough Superior and BS Battery was unmistakable. In alignment with its DNA of quality and excellence, every masterpiece that comes out of the Brough Superior engineering is powered by the BSLi-04/06 Lithium LifePO4 battery.



"Lighter weight, high cold cranking performance, robust brass terminals, extensive cycle life, low self-discharge and strong heat resistance - the BSLi-04/06 was indisputably the technical choice to meet the requirements of its high-performance V-twin type engine. In addition, we also provide our BS10 smart charger and maintainer, which comes with each Brough Superior bike."



BS BATTERY USA
Largo, Florida USA
sales@bs-battery.com
www.bs-battery.com

MOTORCYCLE STOREHOUSE

STAY SEALED!

WITH OUR RANGE OF TRIED & TESTED GASKETS



SCAN HERE TO VIEW THE RANGE



Invisible to the eye, gaskets are the unsung heroes behind the reliability and performance of your motorcycle. That's why we've partnered with the best brands in the business to offer you a comprehensive range of tried and tested gaskets you can depend on. See them all at motorcyclestorehouse.com

#motorcyclestorehouse ■ @motorcyclestorehouse ■ motorcyclestorehouse.com

Motorcycle Storehouse is a trade-only distributor. Retail purchases can be made through your local dealer. For pricing and availability, please check our website.

All In the Family - the OptiMate DUO Range of Battery Chargers

Part of OptiMate's BRONZE series, the OptiMate DUO family of battery chargers are designed to make charging and maintaining of a battery easy - even eliminating the need for your customer to know what type of 12V battery is in their vehicle.

Able to charge any motorcycle or powersport battery, including all lead-acid (Pb, flooded cell, sealed VRLA including AGM and GEL) and lithium-ion (LiFePO4/LFP) types, OptiMate DUO automatically adapts its charging method to the connected battery type.

This is especially important during the longest period of connection - battery maintenance - where lead-acid batteries need to be kept 100% fully charged and lead-sulphate free, and where, to prolong the life of the battery, lithium batteries should be kept within a window of 70% to 90% state of charge.

'multi-talented member of the family'

All OptiMate DUO battery chargers include a set of battery clips for direct connection to the battery and a premium fused battery lead with ringlets that fit directly to the battery posts. This creates a permanent and easy method of connection to the battery when it needs charging or maintaining.

The **OptiMate 1 DUO** is the most popular and is a balance between function and price, delivering up to 0.6A of charge current. This is enough to recharge

station/2-bank and a four-station/4-bank option for charging and maintaining of multiple batteries.

The OptiMate Solar DUO offers the possibility of off-grid charge and maintenance, using innovative pulse technology for more efficient solar charging, and then overnight it indicates battery charge level. There are three sizes of OptiMate Solar DUO - the 10W is ideal for 24-7 maintenance; the 20W works best for faster charge of smaller batteries; and the 40W is best for faster charging of larger batteries. A Travel Kit option in each size is also available, and includes the panel, charge controller, connection accessories and other hardware such as suction mounts or rear fold-out stand. It's all contained in a nylon storage bag.

The other unique off-grid option is the **OptiMate DC-DUO**, which delivers up to 2 amps of charge to a 12V battery, while drawing power from another 12V source, such as the 12V battery on a different



OptiMate



motorcycle or in another vehicle. The OptiMate DC-DUO is an essential tool for the Adventure rider or racer that might find himself stuck with a flat battery where AC power is not available. It's also great for the customer who wants to maintain a battery in a

'BMS reset pulse to re-activate a smart lithium battery'

any powersport battery, yet still smart enough to offer an adaptable recovery mode - low current for lithium or low voltage pulse for a sulphated lead-acid, after which it recharges and then maintains the battery.

The **OptiMate 2 DUO** is the multi-talented member of the family. It delivers up to 2 amp of charge current for a faster charge, and tests if a deep discharge battery is recoverable. If not, it 'red lights' the bad battery, preventing unnecessary charge of a damaged battery. Finally, it also comes in a two-

motorcycle, or even their car, when it is parked in a storage or other "off-grid" area.

For a flat lithium battery, the DC-DUO offers a safe jump charge option that can bring it back to life without any damage. The OptiMate DC-DUO can deliver a BMS reset pulse to reactivate a smart

lithium battery with built-in protection. It can also save and charge a sulphated lead-acid battery. The charger's smart long-term maintenance and monitor mode reduces power draw from the source battery, only delivering charge to the recipient battery when needed.

Martin Human, CEO of TecMate, says: "Never mind the powersport battery type, chemistry or size, one of the chargers in the OptiMate DUO family will make riders' battery problems a thing of the past."

tecMATE

TECMATE
Tienen, BELGIUM
Tel: +32 (0)16 805 440
www.tecmate.com
www.optimate1.com/usb

FEULING
FEULINGPARTS.COM



BA™ AIR CLEANER

- ONE PIECE BILLET DESIGN
- HIGH FLOW AIR FILTER
- HIGH FLOW VELOCITY STACK
- CHROME - BLACK - RAW
- CLEAR OR SOLID COVER OPTION

FEULING BA AIR CLEANER

 **MADE IN AMERICA**

BADLANDS
MOTORCYCLE PRODUCTS

Motorcycle lighting modules since 1990.

- ▶ Illuminator Modules
- ▶ Intensifier Modules
- ▶ Isolator Modules
- ▶ Load Equalizers



 **PROUDLY MADE IN THE USA**

- ▶ Self Canceling Modules
- ▶ Illuminator PRO-III Modules
- ▶ CAN/Bus Lighting Modules
- ▶ Victory Motorcycle Illuminators
- ▶ American V-Twin & Metric

PLUG-N-PLAY!

www.badlandsmotorcycleproducts.com

KB PERFORMANCE MOTORCYCLE PISTONS

Cast Hypereutectic and Forged Pistons



Harley Davidson from 1941 to present



Knucklehead **Panhead** **Shovelhead** **Ironhead Sportster**

Sportster **Evolution** **Twin Cam** **Milwaukee Eight**

KB Motorcycle Pistons offer a complete line of both Cast Hypereutectic and FORGED applications covering 1941 Panheads through present Milwaukee 8 engines in a variety of compression ratios and strokes.



KB Performance Motorcycle Pistons
Division of United Engine & Machine Co.
800-648-7970
www.UEMpistons.com

For help picking the right piston for your build call our Tech support at 800-648-7970

Drag Specialties Additions

Front Axle Kit



Machined from chrome-moly steel, this Drag Specialties front axle kit includes axle and spacers with bright chrome finish on the axle and hardware. The kit is for '18-'23 FXFB/FXFBFS, '18-'19, '23 FXBR w/ABS only, '18-'20 FXBRS w/ABS only and '18-'21 FLSB/FLSL models.



insert for improved durability. Available for '18-'23 Softail models as a bolt-on replacement for stock clutch hub OEM #37000239. It works with all the OEM clutch components.

Mechanical Clutch Lever Assemblies



Available in a chrome or matte black finish, these Drag Specialties mechanical clutch lever assemblies feature an aluminum construction and are compatible with OEM or equivalent switch housings on '18-'23 Softail models.

Inner Clutch Hub

Drag Specialties' improved inner clutch hub is a direct replacement for the stock design. It has a reinforced

ABS Rear Brake Lines



These Drag Specialties standard-length stainless steel rear brake lines feature black vinyl-coated braided lines with chrome steel fittings. Each meets DOT specifications: available for '14-'23 FLHT/FLHR/FLHX/FLTR models with ABS. The master cylinder to ABS controller line replaces OEM #41800012, and the caliper to ABS controller line uses a standard brake light switch and replaces OEM #41800541.

'Freedom' Touring Seat



The new 'Freedom' Touring seat by Drag Seats features a 5 3/4" tall driver support with "unique styling" and is covered in solar-reflective leather to keep the seating area cool in direct sunlight. Effective by as much as 25 degrees F, with high-quality automotive-grade vinyl on the sides. The seating area is contoured for maximum comfort and is made narrow up front for better leg clearance.

"This seat also works with our EZ Glide frame-mounted receiver mechanism to accept EZ Glide backrests. It will also work with H-D and OEM frame-mounted backrest mechanisms and backrest pads." The seat is available for '09-'23 FLHT/FLHR/FLHX/FLHTC/FLHTCU/FLHTCUTG/FLTRX/FLTRU/FLTRK/FLRT models (except 23 FLHXSE/FLTRXSE). All mounting hardware is included.

DRAG SPECIALTIES
Janesville, Wisconsin, USA
Tel: 608 758 1111
drag@dragspecialties.com
www.dragspecialties.com



Dramatic Cooling with Baker +1.5 Touring Model Oil Pan Design

As with all of Bert Baker's product designs, the detail deep dive that is built into his 1.5 quart capacity oil pan for cooler 2009-2016 Touring models is an example of best practice at its most extreme. The results are dynamic temperature readings that have shown this design to be good for an average 16-degree reduction in engine oil temperature and a 20-degree reduction in stop and go traffic in sub-90-degree ambient Michigan temperatures - compared to the engine oil temperature going up 315 degrees in stop and go traffic with the stock pan. In an artful understatement Baker says that "it is very bad for engine oil to go above 300 degrees. Even higher reductions in engine oil temperature with the +1.5 oil pan can be achieved in warmer ambient climates in the south.

"Today's Big Twin engines make a lot more power and a lot more heat than its predecessor of 20 years ago. In 1993, the 80 ci Evo engine made 69 ft-lbs torque, according to online specs. In 2009, the 110 CVO engine made a claimed 115 ft-lbs torque. More torque equals more heat, but that's just part of the story. The engine oil capacity of 4.0 quarts is unchanged from 1993 to present, even though

modern engines make a lot more power and a lot more heat.

"To the engineers at BAKER Drivetrain, this didn't make much sense. Engine oil does two things. It lubricates metal-on-metal interfaces and carries heat away from hot spots like cylinder heads and the underside of the pistons. So, our +1.5 quart oil pan was designed to lower engine oil temperature by using a larger volume of oil to carry heat away from the hot engine."

Each unit is pressure-tested before shipping and the two-piece 6061-T6 aluminum construction with metal core gasket features cooling fins on the bottom with highlighted finish. It features a co-planar baffle labyrinth design to channel oil through the pan and is clearanced in the rear for crossover exhaust pipe compatibility.

It uses 'Zero Leak' drain plugs for the engine and transmission oil and is described as an easy installation of about two hours with no modifications required. It works with aftermarket and OEM oil temperature sending units and is backed by a two-year limited warranty.

It fits 2009-2016 Touring models (including Trike



models), but is not compatible with S&S T series motors due to the width of the design and the external routing of the S&S oil lines. It comes in a wrinkle black finish - diamond cut pans available at additional cost.

BAKER DRIVETRAIN
Haslett, Michigan, USA
Tel: 517 339 3835
sales@bakerdrivetrain.com
www.bakerdrivetrain.com



GET LOW FOR M8 MODELS!

MÜLLER MOTORCYCLE AG

The smartest way to get low
Müller lowering kit for Milwaukee Eight® models

TAKE THE ORIGINAL

from the inventor of the adjustable lowering kits

- continuously variable lowering up to 40mm
- including friction bearing
- can be installed without shortening the threaded rod
- application for utility models
- including technical component report (german ABE)

ORDER NOW AT

DRAG
Specialties

PARTS
EUROPE

W&W
WORLD WIDE CYCLES

CUSTOM **EC** CHROME
EUROPE

ZODIAC

MOTORCYCLE STOREHOUSE

We offer also lowering kits for
Evo® & Twin-Cam®. All infos at:

www.m-motorcycle.de

SHAKY SHIFT PEDAL? JIMS® CRUISE DRIVE SHIFTER SHAFT BUSHING REMOVER AND INSTALLER

- Removes and Installs Shifter Shaft Bushing No.11000139
- No need to remove the inner or outer primary cover
- Unique Knurl Driver and Receiver Cup
- Designed and Manufactured at JIMS®
- Made in the U.S.A.

Replace this Bushing!



No. 5512 - CRUISE DRIVE SHIFTER SHAFT
BUSHING REMOVER AND INSTALLER



©COPYRIGHT 2023

Performance Parts For Harley-Davidson® Motorcycles
555 Dawson Drive, Camarillo, CA 93012 · Phone 805-482-6913 · www.jimsusa.com



"New and Improved" EXFIL-60

Bill Bryant, co-founder of Temecula, California based Biltwell, says "new and improved is a lame old marketing term that has lost any authenticity a long time ago. But in this case, it's actually true."

"We gathered rider feedback, documented our many miles with the EXFIL-60, and then tweaked this new 2.0 version to be even more functional than the original. Right in the middle of our line of EXFIL gear, this rugged moto-pack is right-sized for nearly any adventure. Features include a large main compartment and an expandable flap that can quickly hold a bedroll or outer layer."

Universal mounting is easy with three built-in compression straps and two additional tie-down points. Version 2.0 upgrades include an improved cargo flap with a Velcro loop, laser-cut MOLLE on the outside, and a rugged rip-stop pocket inside. A new elastic shock cord on the sides of the cargo flap helps keep the gear tidy. Access to the flap and pockets is



EXFIL-36 saddlebags



all done without removing or loosening the bag's built-in mounting straps.

Manufactured in UV-treated, 1680 denier ballistic-grade polyester nylon construction throughout, PVC treatment on exterior panels mean added weather resistance and a roll-top closure with reinforced nylon quick-release buckles keeps contents sealed tight.

Three 1.5-inch-wide removable mounting straps with reflective stitching offer mounting options and security. There are seven rows of laser-cut MOLLE webbing for mounting and secondary gear attachment, rugged SBS synthetic, weather-resistant zippers with knotted nylon cord pulls, and the removable padded nylon shoulder strap is adjustable and fastens quickly for portage.

Per the standard Biltwell capacity calibration, the interior volume holds 60 12-ounce cans. Closed dimensions are 18" tall x 14" wide x 11" deep.

Also seen here, these EXFIL-36 saddlebags "are big enough to bring it all." Multiple pockets inside, a fleece-lined easy-access one on the outside and plenty of MOLLE and tie-down loops to attach extra gear to the outside makes the EXFIL-36 saddlebags unique. "We even sell the Drag Specialties mounts for most Harley-Davidsons."

"These are the biggest EXFIL bags we've made yet," says Bill. "Our first full-sized saddlebag system is the last word in utility and performance for motorcycle adventure. EXFIL-36 saddlebags feature hand-crafted construction and ballistic-grade materials - everything from heavy-duty polyester nylon and PVC-treated synthetics to heat-resistant canvas, nylon MOLLE straps, and molded quick-release buckles. Each hand-crafted bag's main compartment will hold 36 12-ounce cans. That's three cases for the pair - plenty of capacity for your next long-term bugout. Like every piece of moto luggage in our EXFIL line, EXFIL-36 saddlebags are engineered for easy installation and universal fit on a wide range of motorcycles."

Universal fit with a wide variety of aftermarket



EXFIL-80 2. sissy bar bag. Bill Bryant says this is the "most well-traveled bag in our line of EXFIL moto luggage. This new 2.0 version of this robust rucksack is custom engineered to hold everything you need for multi-day or overnight motorcycle travel. New features include a more rugged built-in tool pouch, larger padded backrest, larger straps and buckles, improved rip-stop pockets and the magic pass-thru that lets you unzip and fold down the internal backrest to get inside the bag without unbuckling it from the motorcycle." Manufactured in UV-treated, 1680 denier ballistic-grade polyester nylon construction throughout with PVC treatment on exterior panels for added weather resistance. Interior volume holds 80 standard 12-ounce cans (51-liter capacity); dimensions are 20.0" tall x 14.0" wide x 12.0" deep.

saddlebag supports, they are manufactured in UV-treated 1680-denier ballistic nylon exterior that resists moisture and fading. There is a PVC-treated waterproof security flap over main compartment which closes with 1.5-inch wide (36 mm) reflective polyester straps and Duraflex quick-release buckles. They are extra-large at 15" long x 7" wide (380 mm x 178 mm) with a PVC-treated main compartment door that features double zippers with single paracord pull for speedy operation and MOLLE system on exterior to provide options for attaching accessories and extra gear. A two-piece mounting yoke with adjustable Velcro panel fastens to both bags with heavy-duty nylon zippers. The bag bottoms



EXIL-60 2.0



are reinforced with heat-resistant, heavyweight canvas panels. There is a hidden cable port into the main compartment and waterproof nylon rain covers with elastic gathers and drawstring closure provide extra protection in extreme conditions.

BILTWELL INC.
Temecula, California, USA
Tel: 951 699 1500
service@biltwellinc.com
www.biltwellinc.com



This is the bag that started Biltwell's EXFIL motorcycle luggage odyssey, the EXFIL-7 bag - OD Green. "In military parlance, 'EXFIL' means to leave in a rapid, organized fashion - the way every smart bike rider likes to ride," says Bill. "The number means this EXFIL bag holds seven 12-ounce beer cans - a naming convention that carries throughout our moto luggage line." MOLLE system on exterior lets you attach and expand this bag with other bags and accessories; rugged, rust-free nylon zippers throughout; Duraflex quick-release buckles with adjustable nylon straps for speedy installation; UV-treated, 1680 denier polyester nylon construction; PVC-coated synthetic mounting straps with nickel-plated stainless buckles.

Corbin

HARLEY-DAVIDSON CVO STREET GLIDE '23 ROAD GLIDE

Classic Solo Saddle & Passenger Pillion

Excellent Comfort for Two
Ergonomically Sculpted Seating
High Density Comfort Cell Foam
Built Firm to Stay Resilient
Extensive Material & Color Choices
Italian Leather Breathes

Electric **Heat** Option

#HD-23-CVO-S

#HD-23-CVO-S-E

#HD-FLH-9-TP2

Optional Backrest
& Sissybar Pad
#BR & #SR



www.Corbin.com



Vee Rubber

PERFORMANCE TIRES

• SINCE 1977, VEE RUBBER HAS WORKED TOWARD BUILDING THE HIGHEST QUALITY TIRES AT COMPETITIVE PRICES.

• VEE RUBBER'S MANUFACTURING PROCESSES ACHIEVED ISO 9000 CERTIFICATION.

• VEE RUBBER INTRODUCED THE "MONSTER" SERIES MOTORCYCLE CUSTOM TIRES, THE LARGEST MOTORCYCLE TIRES AVAILABLE IN THE WORLD.

• FIRST TIRE COMPANY TO INTRODUCE A FULL LINE OF OLD-SCHOOL WHITEWALL TIRES.

• VEE RUBBER OFFERS THE BEST ROAD HAZARD WARRANTY, AND IT IS FREE!

• VEE RUBBER SUPPLIES BOTH THE OEM & AFTERMARKET INDUSTRY.



Metalsport Inc.

EXCLUSIVE U.S.A. IMPORTER FOR THE MONSTER & V-TWIN LINES

10112 MILLER WAY, SOUTH GATE, CALIFORNIA 90280

EMAIL: info@metalsportwheels.com OR sales@msiwheels.com • www.vee-rubber-tires.com

Most sizes in stock - Call us
(562) 776-9594 or
(562) 583-4530

Rob's Dyno Service - Indian Performance Front Fork Kits

Rob's Dyno Service is offering dealers access to performance front fork cartridges, rear shocks supply and a service program for Indian Motorcycle Big Twins. These performance suspension kits are specifically designed for Indian Touring models with 111 or 116 engines, from 2014 to present, including Challenger models.

Based near Boston at Gardner, Massachusetts, Rob's Dyno Service owner Rob Swartz told AMD that his company is "dedicated to providing customers with superior performance and quality products," and these new kits are no exception.

"Constructed of all aircraft-grade aluminum parts with some components featuring a friction reducing Teflon coating, these kits offer dynamic low-speed and high-speed control to help improve the stability and control of your ride."

Backed by a limited lifetime warranty, the completely rebuildable and serviceable front fork monotube design is based on a one-piece cartridge style assembly. The piston design and valving allow for "dynamic low and high-speed control, with reduced front brake dive." The results are said to be improved stability, cornering and bottoming control.

Swartz went on to say: "We strive to provide our customers with only the best in motorcycle suspension systems. Our Indian Motorcycle fork cartridges and rear shocks are engineered for maximum comfort while enhancing platform stability and control. We invite everyone to visit us at our shop in Gardner or online for more detailed specifications."

Developed at performance legend Jeff Ryan's Mooresville, North Carolina headquarters, one of North America's primary suspension 'centers of excellence' and located deep in the heart of open wheel racing country, Ryan's journey to suspension guru status actually started with his "love of motocross and mind for machines."

His path through motorsports has been a journey around the world, where he worked with legendary

FF16 Indian Touring 111 & 116 fork cartridge kit for 2014-present models



Front fork monotube for 2020-present Indian Challengers



Cartridge oil and tool



ROB'S DYNO SERVICE
Gardner, Massachusetts, USA
Tel: 978 895 0441
rob@robsdyno.com
www.robsdyno.com

racers such as Dale Earnhardt, Nigel Mansell, Rick Mears, Richard Petty, Alain Prost, Michael Schumacher and Rusty Wallace, while quietly becoming a shock building legend himself. Jeff Ryan's pioneering technologies have supported championship teams from Formula 1 in Europe to the depths of Baja in off-road racing to stock car racing's highest levels of NASCAR.

Ryan started out in California as a general assembler for legendary shock innovator Bob Fox - he was one of the first ten employees at Fox Shocks - at a time when suspension technology was advancing rapidly and just starting to heavily influence what was happening on the track - and founded JRi Shocks in 2007. Much of the technology that he created early in his career is still used today.

bitubo
RACE SUSPENSION

WMM REMOTE TOURING PIGGYBACK SHOCKS

The most competitive shocks for **Performance Baggers** in the market!

The WMM twin remote piggyback shocks are **designed, tuned and handmade in Italy** by world champion race suspension experts specifically for 2014+ HD Touring models.

Remote reservoir featuring a **12 click compression knob**, **5 position rebound** adjustment lever, **0.5" length extension** and fine thread preload nut.



BRACKETS INCLUDED

For more information, contact your local dealer or customerservice@bitubo.com
In order to know the available products for your bike, contact us on bitubo@bitubo.com

bituboracesuspension / bitubousa / www.bitubo.com



World's Finest Products For Harley-Davidsons

PROFESSIONAL PARTNERSHIP FOR GENERATIONS



ARDEN
NESS



YOUR BEST CHOICE FOR V-TWINS



WWW.CUSTOM-CHROME-EUROPE.COM

Letric Lighting Co.

MOTORCYCLE LIGHTING

- ✓ LED Plug-n-Play Turn Signals
- ✓ LED Plug-n-Play Taillights
- ✓ LED Bagger Accent Lighting
- ✓ LED Plug-n-Play Passing Lamps
- ✓ LED Plug-n-Play Headlamps
- ✓ LED License Plate Frames
- ✓ Buy direct at www.letriclighting.com
- ✓ Sold by Tucker, Rollies, J&P Cycles & Revzilla



(Dealers welcomed, illuminated displays & signage available)

Plug-n-play, SHARKTOOTH™ LED Headlamp, 2015-Up



Premium white/amber
switchback turn signal LED's

Where the brightest ideas come from!®

MAKE YOUR MARK.



6.5" Spoiler Windshield, dark black smoke, on
@sneaky_txn's Road Glide Special.

MADE IN MEMPHIS | #ShadyMark

memphisshades.com



ULTIMATE RIDE SERIES

Avoid rider fatigue and strain with Arnott's Ultimate Ride Series. These kits lower your motorcycle on demand for ease and comfort - meaning more enjoyment for those long weekend rides.



TOP REASONS

YOU NEED ARNOTT ADJUSTABLE AIR ON YOUR BIKE



EXCEPTIONAL RIDE
COMFORT



DESIGNED FOR
MOTORCYCLES



PREVENT DANGEROUS
TIRE WEAR

ELEVATE YOUR RIDE.®
arnottcycles.com

Arnott
Motorcycle Suspension

Arlen Ness Gold and Black Fork Tubes



In stock and ready to ship from the Arlen Ness Enterprises HQ warehouse at Dublin, California, these 49 mm gold and black coated fork tubes accept both factory and aftermarket suspension internals. Available in factory length or +2" extended length (24-1/4") for riders looking to increase their ground clearance. Ness suggests pairing with Method Bagger fork boots "to show off the color of the custom fork tubes while protecting the front end from road debris."

Fitment is for '14-later Bagger or '18-later M-8 Softails with 49 mm fork legs. If using aftermarket suspension internals on '17-up 49 mm FLT Touring/Bagger models (FLHT/FLHR/FLHX/ FLTRX/FLTRU/FLTRK) '17-up FLT fitment performance kits/cartridges are required.



ARLEN NESS

ARLEN NESS ENTERPRISES
Dublin, California, USA
Tel: 925 479 6350
contact@arlenness.com
www.arlenness.com

Kodlin - "From Sad to Rad"

Kodlin USA continues to add new product designs by German designer and Kodlin USA co-owner Len Kodlin, including these M-8 Softail engine guards and 3-1 license plate kits.

Offering an unbeatable combination of effective engine protection and minimalist styling, these steel engine guards are offered in black or bronze finish and include an oil cooler cover, crash pads and ship with all necessary hardware.



They are available for '18-'23 Low Rider/S/ST, Softail Standard and Street Bob models. A rear engine guard, also in choice of black or bronze finish, is additionally available for Softail Slim, Fat Bob and Sport Glide models.

Also seen here, curved 'Elypse' 3-1 LED license plate kits "clean up the rear of the bike by removing the clumsy stock lightbar on most H-D models and take the bike from 'Sad to Rad!' Designed by Len Kodlin, "these curved horizontal license plates blend in with the fender when the bike is parked and are extremely bright when they are needed to be."

They feature integrated 'Elypse' 3-1 indicators with red run, amber turn and red brake function. The frame is a low-profile aluminum construction with very bright white LEDs. The frame measures 7 3/16" long by 5 1/4" wide. Mounting hardware included.

They are available in black or chrome finish in two fitments - for all models with a standard '3-hole' mounting pattern, or for most H-D Touring models.



"These kits are available individually, but they are a great addition to Kodlin 'Sleek Lights'."

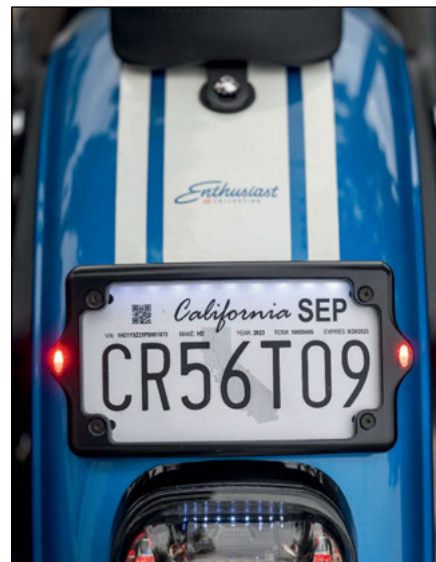
KODLIN MOTORCYCLES & PARTS

Europe: info@Kodlin.com

www.kodlin.com

USA: info@KodlinUSA.com

www.KodlinUSA.com



"Where The Brightest Ideas Come From"

Available in either 5.75" non-halo or 7" 360-degree full halo LEDs, these Letric Lighting Co. (Oreland, Pa.) headlamps are available in red, blue or gold "to help take the look of your bike from stock to not," says founder and CEO/CTO Jeff Zielinski.

"Our 'Color Collection' headlights and passing lamps are available in blue or red for the kind of additional lighting that is critical as the days get shorter and the nights get darker."

"Regardless of what colors you choose, like all NAMZ products, they are covered under our lifetime warranty and serviced by the industry's best customer support. Letric Lighting Co. - Where the Brightest ideas come from."



.5" Color Collection blue full-halo LED passing lamp

Dealer access to the full Letric Lighting Co. product line is available 24 hours a day, 365 days a year with order placement at dealer pricing and choice of shipment options.

Letric Lighting Co. products are available through Western Power Sports/HardDrive, Turn 14 Distribution, J&P Cycles, Dennis Kirk, Rolies Speed Shop in Australia and Performance Cycle Wholesale Limited in New Zealand.

LETIC LIGHTING CO.
Oreland, Pennsylvania, USA

Tel: 610 265 7100

info@namzccp.com

www.namzccp.com

Letric Lighting Co.
MOTORCYCLE LIGHTING





NAMZ Custom Cycle Products, Inc.

- ✓ CAN/Bus Controllers
- ✓ Electrical Connectors
- ✓ Complete Wiring Harnesses
- ✓ EFI & Ignition Harnesses
- ✓ Handlebar Extensions
- ✓ Throttle-by-Wire Harnesses
- ✓ Braided Hoses & Clamps
- ✓ Plug-n-Play Headlights
- ✓ Tools & Installation Supplies
- ✓ V-Twin-Indian-Victory-Metric
- ✓ Custom - OEM - Private Label

Providing over 16-years of wiring excellence for consumers, distributors & manufacturers.

namzccp.com

PLUG
&
PLAY

DEI
DESIGN ENGINEERING, INC.

CATCH DRIPS & SPILLS

OIL RUG

FLUID ABSORBENT CONTAINMENT MAT

- SEALED EDGES & BACKING PREVENTS LEAKAGE & SOAK THROUGH
- A MUST FOR WINTER STORAGE TO KEEP FLOORS CLEAN & FLUID FREE!
- 3 SIZES AVAILABLE

800.264.9472 • DEIpowersports.com



6 SPEED TWIN CAM A TRANSMISSIONS

NEW!



POLISHED, BLACK & CAST **\$1099.99**

Features:

- Hardened 8620 Steel Gears & Shafts
- Pro-cut Lead-in Ramps
- Hardened Steel Forks
- Roller Detent
- Billet Trap Door
- A356-T6 Aluminum Case
- Close Ratio 2.94 Low Gear Set
- Cable Operated Clutch Release
- Uses OEM Style Speedometer Sensors
- Extended Oil Filler Cast



Distributed Exclusively By:

MIDWEST Motorcycle Supply

Prices Subject To Change

U.S.A. Toll Free: 1-800-325-3914

Local & International: 636-931-3200

Buy Online at Midwest Dealer Portal:

www.MidwestmcDealerExpress.com



SU Eliminator II Carb Kits

Mijdrecht, Netherlands based Zodiac International has announced that it has the legendary SU carburetor range in inventory.

General Manager Vincent Pels told AMD: "Over the complete rpm range, nothing has ever been able to approach the SU in terms of sheer Harley horsepower and economy. In the one and only documented comparison test of all aftermarket carburetors for Harleys, the SU easily dominated the others."

"A close look at the Eliminator II SU tells you why it has such a wide margin of superiority. To date no other carburetor is equipped with the sophistication and the features necessary to even approach the Eliminator II SU in performance, dependability and consistency."

All Eliminator II SU carburetor kits from Zodiac



International come with manifold, manifold gasket, all necessary mounting bolts, push-pull throttle brackets and complete installation and tuning instructions.

Available in black or chrome, applications include 1991-2003 Sportsters, 1966-1984 Shovelhead Big Twins, 1984-2000 Evolution Big Twins and 1999-2005 Twin Cams.

Air cleaners and velocity stacks are additionally



available, with further options including an aluminum adapter to fit a Keihin CV style air cleaner on a SU Eliminator II carburetor and rebuild kits.

ZODIAC INTERNATIONAL BV
Mijdrecht, NETHERLANDS
Tel: +31 (0)297 288 621
sales@zodiac.nl
www.zodiac.nl



Premium M-8 MLX Head Gaskets

Concord, Ohio based Cometic Gasket's M-8 MLX head gaskets are "meticulously crafted to withstand the rigorous demands of Milwaukee-8 engines, effectively sealing the combustion chambers, cylinder heads and other critical components."

Precision-made with meticulous quality control, Cometic says that it uses top-

quality materials for these gaskets and "engineers them to perfection, ensuring an unparalleled seal that offers unrivaled protection."

They have a compressed thickness of .032" with a round bore shape and are offered in 3.937", 4.250", 4.320", 4.430" and 4.500" sizes.



Featuring a three-layer laminate, these MLX (Multi-Layer-Xtreme as opposed to its MLS Multi-Layered-Steel) gaskets have been developed for high cylinder pressure application, high compression, turbo, supercharger and nitrous applications. They feature a center stopper layer with bore edges that fold over itself, simulating an O-ring head.

COMETIC GASKET INC.
Concord, Ohio, USA
Tel: 440 354 0777
info@cometic.com
www.cometic.com



HANDLEBARS, PROTECTIVE BARS, LUGGAGE RACKS, SISSY BARS, CHROME ACCESSORIES.



HI-ROAD WINDSHIELDS

For V-TWINs
SPORT & TOURING VERSIONS



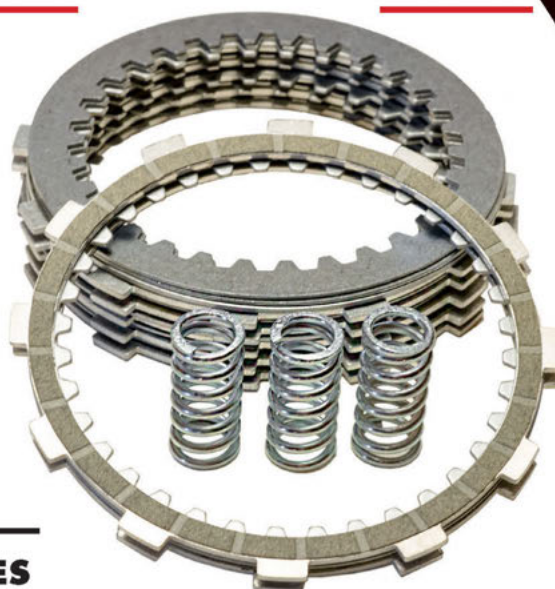
Puig
Hi-Tech Parts
www.puig.tv | www.puigusa.com

SMOKE THE COMPETITION! NOT YOUR CLUTCH!

HIGH PERFORMANCE CLUTCHES FOR AMERICAN V-TWIN MOTORCYCLES

CV-1317 2013 - 2016 CVO & SE replacement clutch kit. Kit includes 9 friction plates, 8 steels and 3 zero collapse coil type clutch springs. Increased surface area over stock. Pre-measured stack height for easy installation.

TA-1810 2017 - Present FL/CVO/SE/Softail/Twin Cam 3 Spring clutch kit - 10 frictions, 9 steels, 3 zero collapse coil type clutch springs. Increased surface area over stock. Pre-measured stack height for easy installation.



100% MANUFACTURED IN THE USA

ENERGY ONE PERFORMANCE CLUTCHES

CONTACT US TODAY, CALL 602-438-7052

WWW.ENERGYONECLUTCHES.COM

Corbin - Two Saddles for 2023 CVO Models

Hollister, California based Corbin Saddles has added two new seat models designed exclusively for the 2023 Harley-Davidson CVO motorcycle - a model-specific interpretation of Corbin's 'Wall' and a Dual Touring saddle.

Mike Corbin said that "the new CVO is about the hottest thing out there right now, and this looks like the direction all the Harley Touring bikes are heading. These are our first two saddles for these models, but we have others in development.

"The sleek, ergonomic design of the 'Wall' provides solo riding style and comfort. Crafted with precision and attention to detail, it features our patented Comfort Cell foam technology, ensuring a superior level of comfort even on long rides - the 'Wall' saddle's unique design complements the



Corbin

CVO's aesthetic."

Corbin went to say that the Dual Touring saddle is engineered for riders who prioritize comfort and two-up capability - "offering unparalleled comfort and support. It's designed to work with Harley-Davidson's detachable accessories, so you can add a trunk or sissy bar. Naturally, we provide a range of sissy bar and trunk pads to complete the custom look."

Both designs include genuine leather seating and a wide range of color and

material options at no extra charge. Both saddles offer the option of electric heated seating and Corbin's adjustable rider backrest that installs or removes with a single bolt - available in a wide range of styles.

CORBIN SADDLES
Hollister, California, USA
Tel: 831 634 1100
corbin01@corbin.com
www.corbin.com



Burly Brand Brawler Kit Options



Brawler kit for Dyna, Sportster (seen here) and Softail



CUSTOM CHROME EUROPE
Grolsheim, GERMANY
Tel: +49 (0)6721 4007 0
info@customchrome.de
www.custom-chrome-europe.com
www.burlybrand.com

Custom Chrome Europe is "going deep" on Burly Brand, including the high-quality steel Brawler front and rear crash bar kits with replaceable Delrin sliders "for a look that kills and quality that defends the bike in the event of a wipeout."

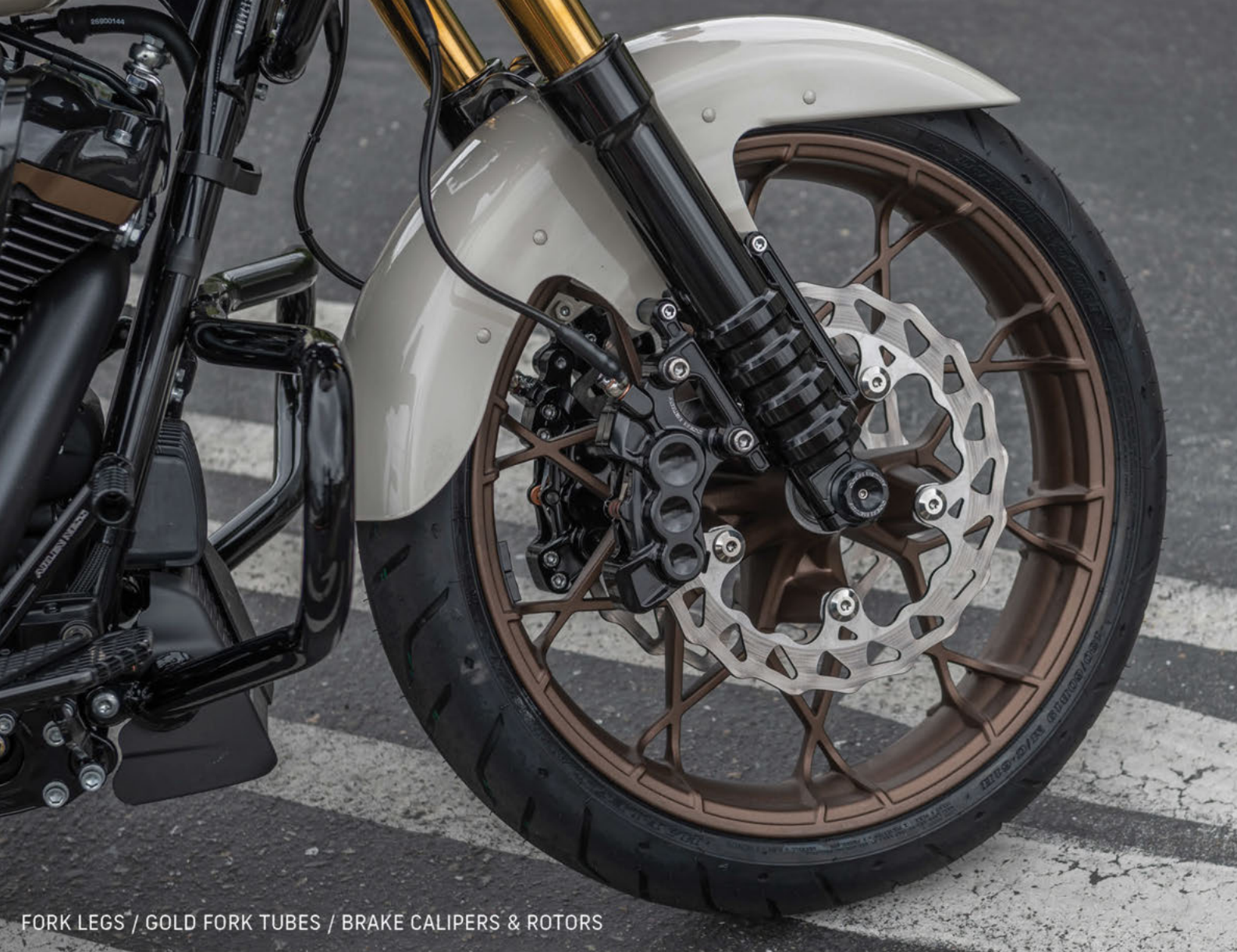
TIG-welded for maximum durability and finished in black powder-coat, they feature 7-gauge mild steel mount/gussets and ship with 1/2"-13 socket head cap screw hardware for '06-'17 Dyna models, '04-'20 Sportsters and '18-'23 Softails.

Also seen here, these Brawler front and rear crash bar kits for Touring models include a crash bar for the front and crash bars to protect the bags on '09-'23 Touring models.



BURLY BRAND
MOTORCYCLE ACCESSORIES

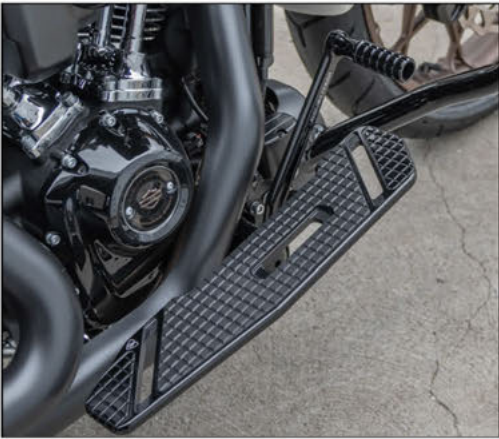
CUSTOM CHROME EUROPE
World's Finest Products For Harley-Davidsons



FORK LEGS / GOLD FORK TUBES / BRAKE CALIPERS & ROTORS



METHOD® TRIPLE TREES



SPEEDLINER SERIES



METHOD® RISERS



**ARLEN
NESS**

www.ARLENNESS.com

THIS MONTH'S ADVERTISERS

Accutronix (US) Dealers wanted for Ilium Works, Headwinds and Accutronix	15
AIM Corp (US) SDR V2 Max variable pressure clutch	4
AIMExpo/MIC Events (US) AIMExpo 2024	64
Arlen Ness Enterprises (US) Rough Crafts, Speedliner & 'Method' parts	9,61
Arnott Air Suspension (US) Ultimate Ride Series	55
Badlands Motorcycle Products (US) Illuminator modules	47
Bagger Nation (US) M8 Softail products	28-29
Barnett Clutches & Cables (US) M-8 lock-up pressure plate	31
Biltwell (US) Gringo S helmet	37
Bitubo (IT) WMM remote touring piggyback shocks	52
BS Battery (FR) Smart Chargers & maintainers	23
Burly Brand (US) All new handlebars	5
Corbin Saddles (US) Seat options for Harley-Davidson CVO	51
Custom Chrome Europe (DE) RevTech oils	53
Design Engineering Inc (DEI) (US) Oil rug	57
DP Brakes and Clutches North America (US) Brakes & clutches	25
Drag Specialties (US) Sissy bars, side plates and pads	13
Energy One Performance Clutches (US) High performance clutches	59
Fehling (DE) Parts & accessories	58
Feuling Parts (US) 'BA' air cleaner	47
Freedom Performance Exhaust (US) Multiple exhaust options for new Indian Chiefs	41
Hawg Halters Inc (US) New Radial brake package for competition & calipers	7
JIMS (US) Cruise drive shifter shaft bushing remover & installer	49
Kellermann (DE) Jetstream indicator	42
Le Pera Enterprises (US) Seats	21
Letric Lighting (US) Motorcycle lighting	54
Lyndall Racing Brakes (US) Brake pads	26
Memphis Shades (US) 6.5" spoiler windshield in dark black smoke	54
Metalsport Wheels (US) Vee Rubber performance tires	51
Mid-USA Motorcycle Parts (US) Parts & accessories	63
Midwest Motorcycle Supply (US) 6 speed Twin Cam A transmissions	57
Motoplastic (ES) Hi-road windshields	59
Motorcycle Storehouse (NL) Tried & tested gaskets	45
MSI (US) Forged aluminum wheel blanks	21
Müller Motorcycle (DE) Lowering kits	49
NAMZ Custom Cycle Products (US) Wiring harnesses & fluid lines	57
National Cycle (US) 'Bad Boy' Quantum hardcoated polycarb. replacement screens	42
Performance Machine (US) Race refined mid controls	35
Progressive Suspension (US) 465 Series shock	43
Rob's Dyno Service (US) The 'Bagg'r Rack' saddle bags for Harleys	19
S&S Cycle (US) 129" & 132" power packages for '17-'22 H-D M-8 models	11
SBS Friction (DK) 'Better Brakes' compounds	39
United Engine & Machine (US) KB Performance Pistons for 1941-up H-D models	47
Western Power Sports (US) Quality carbon fiber and billet parts by Hofmann Designs	17
Zodiac International (Europe) (NL) Parts & accessories	2

THIS MONTH'S EDITORIAL ITEMS

ACEM (BE) Guidelines on anti-tampering rules	12, 14
AIMExpo/MIC Events (US) Las Vegas 2024	1
AIMExpo/MIC Events (US) NewsBrief: 'Disruptive Thinking' collaboration	18
American Honda (US) NewsBrief: XL750 Transalp availability	20
American Motorcyclist Association (AMA) (US) Hall of Fame 2023	8
American Prime Manufacturing Inc (US) Reproduction springer and Mikuni HSR45	44
Arlen Ness Enterprises (US) Madison NVP review 2023	34
Arlen Ness Enterprises (US) Gold and black fork tubes	56
Baker Drivetrain (US) Madison NVP review 2023	34
Baker Drivetrain (US) +1.5 Touring oil pan design	48
Barber Vintage Motorsports Museum (US) Executive Director	23
Barnett Clutches & Cables (US) Madison NVP review 2023	30
Belt Drives Ltd (US) Madison NVP review 2023	38
Bigtwin/Motive Media (NL) NewsBrief: November 2023 show	20
Biltwell (US) EXFIL-60	50
BMW Motorrad Deutschland (DE) NewsBrief: New head of BMW Motorrad Design	12
BMW Motorrad Deutschland (DE) NewsBrief: USA "stop sale" order	8
Bombardier Recreational Products (CA) NewsBrief: Q2 results	12
Bombardier Recreational Products (CA) NewsBrief: Can-Am 50th anniversary year	14
BS Battery (FR) Brough Superior powered by BS Battery	44
Burly Brand (US) Brawler kit options available through Custom Chrome Europe	60

CanDo International (US) Drag Specialties Madison NVP review	38
Coastal Moto (US) Madison NVP review 2023	36
Cometic Gasket (US) Madison NVP review 2023	36
Cometic Gasket (US) Premium M-8 MLX head gaskets	58
Corbin Saddles (US) Saddles for 2023 CVO models	60
Custom Chrome Europe (DE) Burly Brand Brawler kit options	60
Custom Cycle Engineering (US) Madison NVP review 2023	36
Custom Dynamics (US) Madison NVP review 2023	34
Custombike show (DE) NewsBrief: Bad Salzflun, December 1-3, 2023	22
Dakota Digital (US) Madison NVP review 2023	36
Daytona Twin Tec (US) Madison NVP review 2023	34
Drag Specialties (US) "Unlimited: The Fred Fox Story" - by Don Emde	10
Drag Specialties (US) National Sales Manager Greg Matter	18
Drag Specialties (US) Klock Werks 'Kolor Flares'	23
Drag Specialties (US) Madison NVP review 2023 part 2	30-38
Drag Specialties (US) Product additions	48
Ducati Motorcycles (IT) Monster 30 Anniversario	20
Fox Factory Holdings Corp (US) NewsBrief: H-D Ford F-250 Super-Duty	20
Haas Moto Museum (US) 'The Motorcycle' book of custom and restoration projects	18
Harley-Davidson Motor Company (US) NewsBrief: Model recall	16
Harley-Davidson Motor Company (US) "Ride Free" - Willie G. Davidson book	64
Hero MotoCorp (IN) NewsBrief: Liquid-cooled single rumors	8
IVM Industrie-Verband Motorrad (DE) NewsBrief: German registration data	16
JIMS (US) Madison NVP review 2023	33
K&N Engineering (US) NewsBrief: CEO	12
Khrome Werks (US) Drag Specialties Madison NVP review	38
Kibblewhite Precision Machining (US) Madison NVP review 2023	32
Klock Werks (US) 'Kolor Flares' available through Drag Specialties	23
Klotz Synthetic Lubricants (US) Madison NVP review 2023	36
Kodlin USA (US) Engine guards and license plate kits	56
KTM (AT) NewsBrief: SX-E 2	18
Legend Suspensions (US) Madison NVP review 2023	32
Letric Lighting (US) Color Collection headlights and passing lamps	56
Lyndall Racing Brakes (US) Hires Regional Sales Director for East Coast	22
Massimo Motor Sports (US) NewsBrief: Chief Media Officer	12
Memphis Shades (US) Madison NVP review 2023	32
Metra Electronics (US) Madison NVP review 2023	36
Motion Pro (US) Madison NVP review 2023	30
MotoAmerica (US) Championship of the Americas, Texas	19
MotoAmerica (US) King Of The Baggers results	26-27
National Cycle (US) PCQ Electric Assisted Vehicles	20
National Motorcycle Museum (US) NewsBrief: Has closed its doors	24
National Powersports Dealer Association (US) NewsBrief: Expands Board of Directors	16
ODI Grips (US) Drag Specialties Madison NVP review	38
Piaggio (IT) Roberto Colaninno dies	25
Polaris Industries (US) 2035 goals	22
Pro-One Performance Products (US) Madison NVP review 2023	38
Revival Cycles (US) NewsBrief: Handbuilt 2024 show dates	18
Revolution Performance (US) Madison NVP review 2023	32
Rob's Dyno Service (US) Indian performance front fork kits	52
Rox Speed FX (US) Madison NVP review 2023	38
Royal Enfield (IN) Bullet 350	24
Saddlemen (US) Madison NVP review 2023	33
Show Chrome Accessories (US) Madison NVP review 2023	34
Slipstreamer (US) Madison NVP review 2023	33
Slyfox Performance (US) Madison NVP review 2023	33
Supersprox (CZ) Letter from Ukraine	6
TecMate International (BE) Optimate DUO	46
The Norton Motorcycle (GB) Pensions fraud saga still ongoing	24
Trask Performance (US) Madison NVP review 2023	33
Turn 14 (US) Appoints President of Owned Brands	16
Vance & Hines (US) Madison NVP review 2023	34
Verge Motorcycles (FI) NewsBrief: Chief Revenue Officer	8
Volcon ePowersports (US) NewsBrief: Cost reduction strategies	8
Wiseco Piston (US) Drag Specialties Madison NVP review	38
Zero Motorcycles (US) Liquid cooled future?	16
Zero Motorcycles (US) NewsBrief: Permanently reduced MSRs	24
Zodiac International (Europe) (NL) Product additions	40
Zodiac International (Europe) (NL) SU Eliminator II carb kits	58



2 1/4" TOP FUELER DRAG PIPE SETS FOR SOFTAIL & CUSTOM RIGID



2 1/4" O.D. tubing for an aggressive top fuel look. Available in either chrome or black powder coat.

RETRO STYLE CATEYE AND BRASS ACCENT LIGHT AND PLATE KITS FROM V-FACTOR®



Kits can be mounted horizontally or vertically, on right or left side of bike.

S&S HEAD PIPES FOR TOURING MODELS



ROCKET FUEL® OCTANE ENHANCER FOR ALL MODELS



Increases octane rating, while also increasing anti-knock properties of fuel. Reduces engine sludge and varnish buildup. Lubricates top end and provides full torque and power.

VEE RUBBER® BLACK SIDEWALL TIRES



VRM302 Monster Series: 360/30 R18 size, all weather, high mileage compound, tubeless construction. DOT H-Rated.

POWERHOUSE® SLIP-ON MUFFLERS FOR MILWAUKEE-EIGHT® TOURING MODELS



Show quality mufflers with billet tips give you a deep, clear rumble, great looks and horsepower gains.

Call 1-800-527-0501 in the U.S. or 1-800-893-9261 in Canada to order a 2023 catalog or to find a Mid-USA Dealer near you. Or, go online to

Follow Us On:



www.mid-usa.com

NEWS BRIEFS

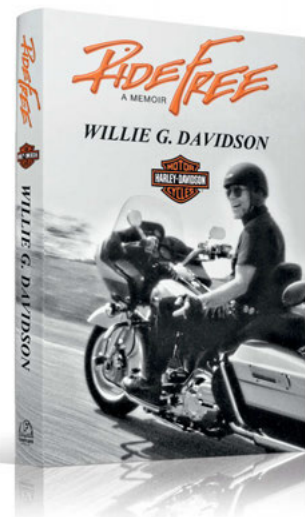


NACE PANZICA

Former Custom Chrome CEO Nace Panzica has died in California aged 80. One of the original partners in Coast Cycles (San Jose, 1970 - with founder Ty Cruze and a group of friends), Nace was "there at the beginning" of what became Custom Chrome, a year later. Multiple moves and expansions saw the business eventually drop anchor at Morgan Hill, Ca., in 1982, with a 110,000 sq ft purpose-built HQ and warehouse opened in 1987 - the year of the first CCI Dealer Show. Panzica took over as CEO in 1989 and the company went public in 1990, then he was eventually ousted as CEO (for the first of two times) in 1997. Despite sales growing strongly, the late 1990s and subsequent years saw a sequence of filing and corporate investor and private equity ownerships that were never able to regain the 'glory days'. Debt and barely controlled spending weighed on the Custom Chrome brand. Out of market managements cared more for their investor balance sheets than they did for the sheet metal. Sufficient capital was never generated and retained; investments and acquisitions were often ill-conceived and (mostly) poorly executed. Whilst the Nace era at CCI still divides opinion, in retrospect, the second 25 years of the CCI story were not the age of optimism that characterized the first. *Rest in peace Nace!*

"Ride Free" - Willie G. Davidson Shares Stories of Motorcycles

August saw the launch (at the Sturgis Motorcycle Rally) of Willie G. Davidson's new memoir - "Ride Free." "Ride Free" is a passionate commentary about some of Harley-Davidson's most popular motorcycles and the changes in the motorcycle industry from the post-WW II resurgence of riders to the growing



number of competitors from around the world in the 60s and 70s. "At the heart of the book is Davidson's personal story, from his childhood growing up in the shadow of the Harley-Davidson factory to his decades-long career designing some of the most iconic motorcycles in history. "As a third-generation H-D employee, a part of the group that resurrected the company from the AMF years and an avid supporter of non-profits (especially the Muscular Dystrophy Association), Willie G. Davidson has been at the heart of motorcycling culture for decades. In 'Ride Free', he shares an intimate look into his life and



work, and shares his passion for motorcycle racing and art." Willie G. states: "I started competing in enduros during high school, and Nancy would cheer me on. I was just extending the family tradition: both my father and my great-uncle Walter had been endurance-run champions. I competed in local events, never in a national, but I won a few trophies. When I traded up to a 165 cc bike in my senior year, I became more of a threat in those competitions." What sets the book apart from other memoirs is the fact that it will also feature Davidson's own artwork, including drawings and watercolor

paintings. "I wanted to share my story with fans of Harley-Davidson and anyone who loves motorcycles," he explains. "But I also wanted to share my artwork, which has always been a big part of my life. "I always describe my relation to the Motor Company as a love affair. And that's really what it was, a lifetime love affair with (wife) Nancy by my side." Ride Free2 is published in partnership with Forefront Books and distributed globally by Simon & Schuster. For more information about, or to order "Ride Free," visit www.williegdavidson.com. Dealer inquiries are welcome - call 414-375-0475.

Sources: AMD, IDN, FT, Reuters, PSB, MPN, BDN, MCN, AP, Bloomberg, MSNW, Electrek, electricmotorcycles.news, RideApart.com, Motor1.com, Cycle World, motorbikewriter.com



AIMEXPO
POWERSPORTS TRADESHOW | MC • ATV • SXS
LAS VEGAS '24 | TUES - THUR, FEB 6-8

See you next year

MORE INFO AT WWW.AIMEXPOUSA.COM