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ISSUE #284

Fred Fox 1936-2023

We here at AMD Magazine, and many thousands more, will have been greatly saddened to hear about the death of Fred Fox on Sunday, February 5, 2023. Our thanks to Drag/Parts Magazine publisher and race legend Don Emde for these words about his friend, and our thanks for permission to reproduce them here ...

Fred Fox, who was a great friend to me for over 45 years and also to many in the motorcycle sport and industry around the world, passed away here in Orange County, California, on Sunday (2/5/23) due to natural causes. He was 86 years old.

Fred was a motorcycle industry leader and pioneer of the modern era of aftermarket product distribution and promotion. He was the only employee when he started his Parts Unlimited distributing business at his house in Janesville, Wisconsin, in 1967. In the years to come, the business grew fast, and he incorporated as LeMans Corporation, which continues to this day as the largest privately-owned motorcycle distributing company in the world.

In the early years, LeMans moved a couple of times into larger warehouses in Wisconsin, expanded into other areas around the United States and Canada and many brands were added. Some became suppliers for Parts

Unlimited and also Drag Specialties, which he acquired in 1988. Other brands and companies were bought outright, including THOR MX and



Moose Racing.

Fred was always a hands-on manager who oversaw every detail to make his organization grow into the industry leader that it is today. He made the decisions to buy the land, designed the facilities for the additional warehouses

throughout the United States and Canada, built a National sales rep force, secured leading brands to carry, and invested heavily in promotion of Parts Unlimited's "We Support the Sport" campaign, which has been active since the 1990s. He also served on the Board of Directors of the Motorcycle Industry Council from 1994 to 2007.

A multi-year personal project culminated in 2009 when LeMans opened the Parts Europe warehouse in Trier, Germany. An all-new warehouse was built there with state-of-the-art order filling technology that results in dealer order fulfillment speed never seen before in the motorcycle industry. In addition to the Parts Europe warehouse, LeMans Corporation currently has warehouses in Sparks, Nevada; Ballston Spa, New York; Flat Rock, North Carolina; Grapevine, Texas; and Janesville, Wisconsin, plus

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SPORT CHIEF



H-D MY2023



1908 HARLEY



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Specialties**

An excellent Drag Specialties NVP Product Expo at Louisville in January attracted record dealer numbers ... see pages 26-34

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COMMENT - Is 'Flat' the 'New Black'? 4

After his Drag Specialties NVP Spring Product Expo travels to Louisville, Kentucky, and a week in Las Vegas for AIMExpo, Robin Bradley thinks he may have heard enough to stick his neck out and forecast that 2023 sales will likely be 'flat' with 2022.



LOUISVILLE - Record Dealer Numbers 26-34

Congratulations to the events team at LeMans for another superbly well-organized show, and congratulations too to the vendors and the record number of dealers who had the smarts to make the trip - money well invested, time well spent!



H-D FY2022 RESULTS - The stock market liked them 10

Harley's policy of selling brand and housekeeping to profit rather than shipping units that dealers can't sell is paying dividends, literally. Inventory levels are rebuilding, but exclusivity remains the priority.



POLARIS FY2022 RESULTS - "Poised to deliver industry-leading innovation" 14

Polaris posts record results for 2022, with record full-year worldwide sales of \$8,589m, and Indian Motorcycle retail unit sales up low single digits percent. Mike Speetzen, CEO - "Looking forward, we see significant opportunity for success supported by a strong pipeline of new products and continued supply chain improvement."



SWM V1200 - A legal Sportster clone 16

The Chinese owned, Italian pedigree/factory SWM brand's latest 'innovation'? An almost exact clone of Harley's traditional XL1200 - as close as Euro 5 and component availability would allow them to get - and since the Sportster is out of patent, it's entirely legal. Is this the (Chinese) Shape of Things to Come?

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Is 'Flat' the 'New Black'?

This is the first edition of AMD that we have been able to produce since finishing February the week before going to Louisville, Kentucky, for the (excellent) Drag Specialties and Parts Unlimited NVP Product Expo. I mention this just in case you think that only just now seeing our review of that show is a tad 'off'.

It isn't because we are lazy or disorganized (well, maybe I personally am prone to being a little bit disorganized) but, with an additional subsequent trip to Las Vegas for (the fast improving) AIMExpo, and catch-ups still in play with International Dealer News (following most inconvenient final quarter 2022 scheduling and event clashes), it only needs a couple of weeks of bumps in the road and we can still be unwinding the impact some months later.

However, if a couple of weeks is a long time in Publishing (and Politics!), then it is equally true that a couple of months can be a long time in Economics.

Since I last tried to share what I see of the market's fortunes through my idiosyncratic lens, the air has cleared, the clouds have parted, and to channel the great Jimmy Cliff, "I can see clearly now."

I had the great good fortune to see Jimmy Cliff live once in a nightclub on Long Island. Awesome! Great music and lots of exotically scented aromas - just like in a Las Vegas taxicab!

First of all, retail price inflation in the United States finally peaked and has now started to ease. Not by much, but enough to encourage the Fed (for now at least) to slow down the rate at which it has been raising interest rates.

Though mixed and unpredictable on a month-by-month basis, job market statistics in USA still point to low rates of unemployment, high rates of employment (despite widespread retirements and voluntary workforce exits) and high levels of unfilled vacancies - coupled to ongoing challenges to hire the right talent. Indeed, if anything, and as is the case in the UK and some other markets (looking at you Japan), tightening the spigot of immigration is actually holding economic growth back from where it might otherwise be headed.

As the number of jobs filled and vacancies both climb, the inescapable conclusion appears to be that Fed policy is working, and while it may not be boom-time yet, the United States may well duck any kind of 'technical recession' in the next 24 months. That isn't to say that everything in the garden is peachy, it isn't. There remain 'bigger issues' that could rain on our parade at any time, and at short notice, and the powersports market has its own specific concerns too.

Not least, as was aired at AIMExpo recently, the concern is that the thousands of 'new entrants' who embraced on-highway motorcycles or off-road vehicles (two and four-wheelers) during the pandemic may now tire of their purchases, no longer feel the need to clutter the garage or driveway with their Covid-induced panic-buy, flood the used market and take their disposable income out of the market - out of dealership service departments, and out of the P&A and G&A markets in particular.

Fortunately, the evidence for that is mixed so far. There is some of that happening, but with sales doing okay last year (in Europe) and continuing to do well overall in North America, the other issue that the pandemic wind-down throws into focus is "what now?"

“vendors will take that”

Where do we find the tens of thousands of buyers we need annually to keep the prior growth moving in at least a somewhat net overall gain direction? Who will those buyers be, what will they want to buy, how will they want to buy, what will be their (much changed) attitude towards the ownership and riding experience - how do we generate the door swings we need and how do we smooth and schmooze their way to the card swipe and credit app?

More "questions than answers" at this stage (oh hello, who let Johnny Nash into the room?).

What was encouraging about AIMExpo was seeing the questions being asked and attempts being made to develop answers. What with the pandemic and everything else, it feels like it has been a long time since the market was addressing the right issues en masse. Indeed, it feels like it has been a long time since we have had a viable and sustainable platform through which we could address the issues.

While AIMExpo still has a long way to go, and it is unlikely to ever manage to speak 'Custom' convincingly - indeed there was precious little there that addressed the mainstream of the street bike/on-highway sector at all - it was a much-needed reproof of concept in terms of the value and importance of an independent, all-players trade nexus. Congrats to the MIC's show team!

However, maybe the MIC could look at establishing an AIMExpo East to complement Las Vegas. They've been there before of course, at Columbus, Ohio, but how about resurrecting the market's spiritual show home at Cincinnati?

Whilst I am not for one moment suggesting that anyone should compete against the two Midwest LeMans shows - that is not the point here at all, we need strong distributors and their shows - I do firmly believe that there is a place for both. Company and independent shows both have their value.

If the MIC wants to get serious about including all the nation's dealers (and vendors) in the dialog, then it cannot expect to do so by being in the Southwest alone.

The contagion from the United States ducking any kind of formal recession is significant. We are already seeing ripples from that starting to raise expectations here in Europe, even in the UK. Continental Europe is now daring to believe that while the next 24 months may not be much better than 'flat' - in and of itself that is a lot brighter prognosis than the one that was feared as recently as six months ago - and better than the one that the IMF has been selling.

Equally, the big take-away from Louisville was that for 2023, as elsewhere, 'Flat' will be the 'New Black' in aftermarket terms in the United States. By-and-large, vendors were in agreement with that and, under the circumstances, would be mostly glad to take that for now.

Robin Bradley
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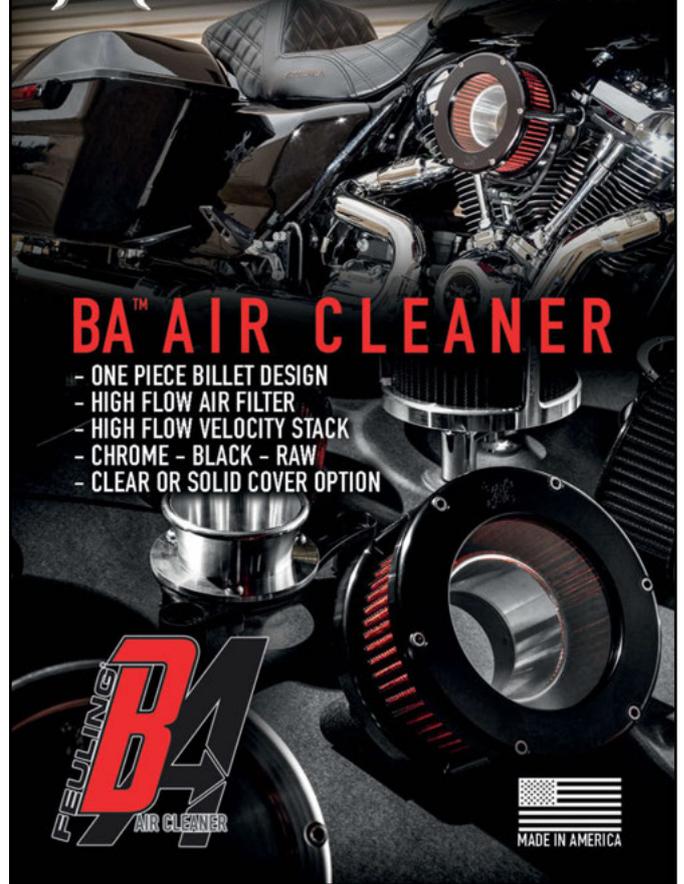
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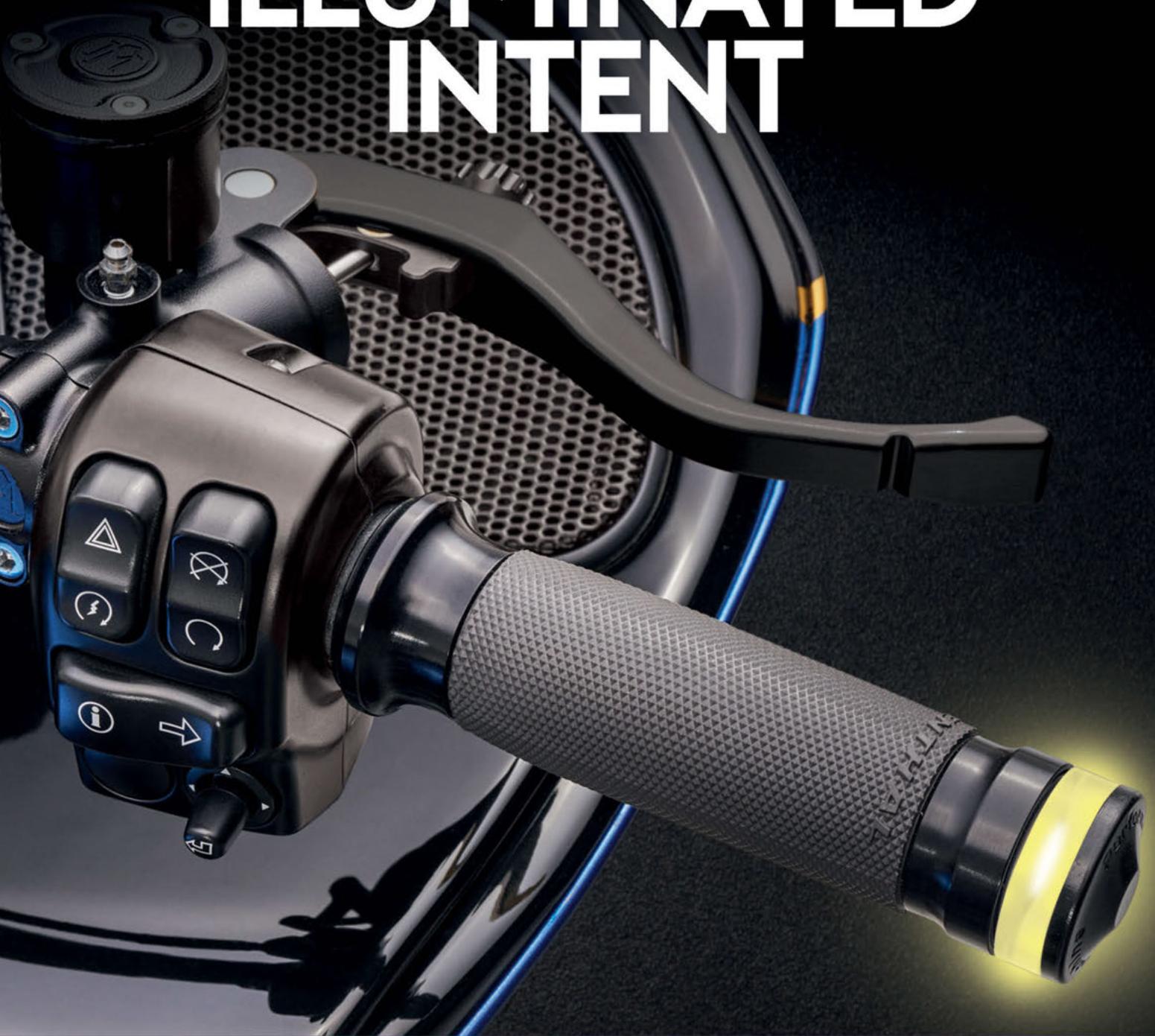
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NEWS BRIEFS

Harley has launched H-D Collections, a grouping of "unique and distinct lifestyle apparel lines" aimed at groovy young folk who like their gear "defined by heritage and craftsmanship." Harley 'head boy' Jochen Zeitz said: "H-D Collections brings together the many facets of moto-culture lifestyle, paying tribute to our heritage with both Harley-Davidson Originals and Authorized Vintage, while pushing the limits of design, form and function with Bar & Shield." In addition to planned collaborations, three product lines are planned - Bar & Shield by Harley-Davidson, Harley-Davidson Originals and Harley-Davidson Authorized Vintage.

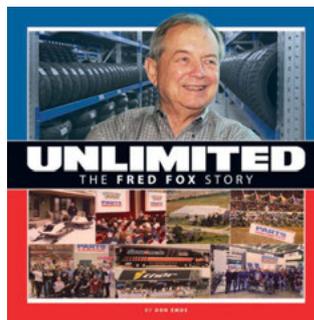
In preparation for the 97th ISDE, which will take place Nov. 6-11 in San Juan, Argentina, the AMA is changing how the U.S. ISDE qualifier process is staged for 2023. In an effort to improve rider turnout, reduce costs and event conflicts, instead of an ISDE qualifier series, two three-day qualifiers will be held - one on the East Coast and one on the West Coast. They will be held in SC in February and Utah in March.

Through its venture capital fund BMW i Ventures, the BMW Group has taken a stake in U.S. (Colorado) based company Jetti Resources. "The goal is to foster responsible and resource-conserving copper extraction to address rising demand in a more sustainable way. Founded in 2014, Jetti Resources has developed a pioneering process for copper extraction that utilizes previously unused ore from existing copper mines."

BRP has reported Q3 revenues of CAN \$2,709m, up +71% compared to the same period last year, a record performance for a single quarter in the company's history. Normalized EBITDA of \$488m was up +94%. Retail sales up for powersports products were +43%, with market share gains for SSV unit sales in North America. Normalized diluted EPS of \$3.64 is an increase of \$2.16 per share or +146% and a record performance for a single quarter; diluted EPS of \$1.76 was an increase of \$0.23 per share, or +15%. As BRP's expansion activities continue, the quarter saw the Canadian manufacturer acquire 80% of the outstanding shares of Pinion GmbH, and the purchase of substantially all the assets related to the powersports business of Kongsberg Automotive ASA in Quebec.

<<< Continued from cover

Calgary and London, Ontario in Canada. Along the way, Fred has been recognized for his contributions to both the snowmobile and motorcycle sports and industries. In 2010, Fred was inducted into the Snowmobile Hall of Fame. In 2002, he was inducted into the Sturgis Motorcycle Hall of Fame, as well as the AMA Motorcycle Hall of Fame in 2011. He was also the recipient of a Lifetime Achievement Award at the 2007 V-Twin Expo and a Sturgis Motorcycle Hall of Fame's Lifetime Achievement Award in 2018. After getting to know Fred in the late-1970s when he was one of my accounts when I was an ad sale rep at Motorcycle Dealernews magazine, he was later a Bell Helmets distributor when I worked there in the 1980s. Then, a few years after I started my publishing business in 1990, I made a proposal to Fred for my company to produce magazines for him that LeMans could mail to their Parts Unlimited dealers in the USA and Canada. He liked the idea and Parts Magazine was born in 1994. A similar publication for his Drag Specialties dealers followed a year later, and in 2010, we added a quarterly magazine for his Parts Europe business in Trier, Germany. This year we are in our 30th year of publishing magazines for LeMans Corporation and we will produce 16 separate issues.



Since 2021, I have been working on a biography of Fred's life that we'll publish later this year. The book, titled "Unlimited. The Fred Fox Story," dates back to the years when his father and grandfather had a business in Janesville building custom-made enclosed racks for trucks to transport cans of milk from dairy farms to the processing plants in Southern Wisconsin. After graduating with an Engineering Degree from the University of Wisconsin in 1958, Fred went to work in the family business. The young college graduate saw a brighter future, however, for sport-related vehicles and when the go-kart craze exploded in America around 1960, Fred built a prototype kart in his spare time with a chassis made from light, but strong, chromoly tubing. A friend in nearby Rockford, IL, was also into go-karts and when he saw Fred's creation, he offered to order ten of them. Fred convinced his father to

take the order, thus opening a whole new product category for the company. Fox minibikes followed the go-karts, then Fred created the Fox Trac snowmobiles, which became nationally known when he drove one to victory at the first-ever Eagle River Snowmobile Derby in 1964. Fred went on his own in 1967 and ran the business which grew into LeMans Corporation until he retired from full-time business activities in the fall of 2021. He then named industry veteran Paul Langley as Chairman/CEO of LeMans Corporation. My condolences to Fred's wife Paula, sons Steven, Brian and Craig, daughters Teri and Lori, several grandchildren, nieces and nephews and all of his many friends around the world. **At this time, funeral services are pending. Please respect Fred's wife's and family's privacy at this time and direct any communications to me at: don@emdebooks.com**



H-D1: Private-Party Listings

When Harley first announced its H-D1 Marketplace for used motorcycle sales two and a half years ago, it was initially launched as a dealer-only used motorcycle sales platform. As such it was a welcome but long overdue and blindingly obvious idea that should have been implemented years earlier - even before the 'More Roads' strategic fail first attempted to formerly address used models as the new 'entry-level' on a structured basis. At the time, Harley did state that eventually it would be expanded to include 'private-party' pre-owned Harley model listings, and so the announcement that came out with the MY2023 news last week should come as no surprise. Harley has described the decision to now start hosting 'private-party' sale listings as an "exciting step to connect a wider range of riders to their next bikes. "Customers who are interested in purchasing a bike from the H-D1 Marketplace can either contact the private party seller or the dealer directly through the site. Rider-to-Rider



financing options are available to customers purchasing from a private party, in addition to in-dealership financing." The financing option is interesting. It is potentially a good idea from the buyer's point of view. It is clever too from a Harley point of view, in that it gives an ongoing profit stream opportunity as late model sales age. If you can make money from the metal once, why not try to make money from the same metal as many times and in as many ways as possible, right?

The past 12 months has seen over 500 US dealers participating, and some 34,000 plus sales are claimed to have been made through the platform (in two and a half years). Harley says that private-party listings on H-D1 Marketplace will be limited to Harley-Davidson models located in the United States. Each listing will include photos and details about the motorcycle. All bikes will also be validated by VIN and go through a review-and-approval process before the listing is launched.

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

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NEWS BRIEFS

In December, Curtiss Motorcycles announced that it was offering what it described as "a rare collection of electric prototypes" to investors participating in its direct-to-investor stock-selling campaign. Inspired by the work of original founder and pioneer Glenn H. Curtiss, the prototypes are said to span the key foundational years of the Curtiss team's light electric vehicle architectural research and development program, beginning with the 2018 Zeus Concept prototype, the winner of that year's "Most Innovative Motorcycle" award at The Quail Motorcycle Gathering. Other prototypes being made available include one-of-a-kind Alpha and Beta validation examples of 'The 1' by Curtiss, the company's debut model, as well as the very first pre-production unit that currently resides in L.A.'s Petersen Automotive Museum.

Fort Worth, Texas based Tucker Powersports has announced that the company's ownership group has provided additional funding for the company. "In the past 24 months, Tucker has become a leader in electric mobility recreation in the powersports industry and has added several exclusive distribution agreements with companies focused on products for the industry's evolving customer base. The funding will support Tucker's current operations and projects, driving long-term growth for the company."

Honda's plans to involve itself in the space exploration industry have started to take shape with a research and development contract with the Japan Aerospace Exploration Agency (JAXA) for a "circulative renewable energy system" that is designed to supply electricity to maintain the functionality of the living space and various systems on lunar rovers. Based on this contract, Honda will be commissioned by JAXA to first conduct concept studies, then to develop an "early-stage prototype" by the end of the Japanese 2023 fiscal year (March 31, 2024).

Husqvarna Motorcycles' partnership with Boise, Idaho clutch specialist Rekluse is set to continue through the 2023 racing season.

Harley Completes Second Year of Hardwire Strategic Plan with "Strong Q4"



Harley-Davidson says it shipped 34,000 units in Q4, +18% on the year-ago period, and 193,500 units in FY2022, +3% on the 2022 full year. In motorcycle retail terms, Harley says North America was down by -12% for 2022 at 117,100 units, -1% in EMEA at 30,500 units and +12% in Asia Pacific at 27,900 units - Japan was Harley's 'Star Market' in terms of international sales in 2022. Electric motorcycle shipments were up by 30% for the full year at 597 units from 461 in 2021, but following the LiveWire flotation, and contrary to over trend of Harley unit sales, only 69 units were sold in the final quarter of 2022 (-63% from 186 units in Q4/2021). Harley shares leapt to \$51.33 at the end of the week of release, from \$44.77 at the start of that week. Counterintuitively, LiveWire shares are staging somewhat of a comeback, having been launched at \$8.25 on September 27, sos3, and briefly flirting

with the dizzy heights of \$9.63 before dropping as low as \$4.20 by the end of December. They had been rallying through January and closed at \$6.70 following release of the results. Harley's full-year bullet-point highlights cite a diluted EPS of \$4.96, up 18% versus the prior year. It says it grew the combined revenue of HDMC and LiveWire by 9% behind higher wholesale shipments and improved global pricing realization, achieving 12% combined operating margin for HDMC and LiveWire - an increase of three points versus prior year "as pricing and productivity offset cost inflation." HDFs operating income finished down 23% and in-line with expectations as loss rates normalized throughout the year, and Harley says it completed the aforesaid carve-out and stand-up of LiveWire as a separate public company. For the full year 2023, Harley says it expects HDMC revenue growth of 4 to

7% and operating income margin of 14.1 to 14.6%; HDFs operating income decline of 20 to 25%; LiveWire motorcycle wholesale units 750-2,000 [bearing in mind that the forecast was to be doing 100,000 units in 2025) and operating income loss of \$115 to \$125m. Harley expects 2023 capital investments of \$225 to \$250m. LiveWire became a separate public company trading on the New York Stock Exchange (Ticker: LVWR) on September 27, 2022. Following the results, Harley-Davidson had an equity interest in LiveWire Group of approximately 89.4% [as opposed to a stated expectation of 70%].

Harley-Davidson sales revenue and production data... 4th quarter 2022

Income statements in \$1,000s (except share)	THREE MONTHS ENDED		TWELVE MONTHS ENDED	
	2022 Q4	2021 Q4	2022 Q4	2021 Q4
Net sales revenue	\$918,683	\$803,142	\$4,887,672	\$4,504,434
Gross profit	\$243,810	\$158,449	\$1,527,873	\$1,299,527
Total operating income	\$3,713	\$(7,307)	\$909,278	\$823,439
Net income	\$39,677	\$21,567	\$739,214	\$650,024
Diluted earnings per common share	\$0.28	\$0.14	\$4.96	\$4.19
NET SALES REVENUE				
H-D Motorcycles	\$666,387	\$542,377	\$3,787,484	\$3,468,689
Parts & Accessories	\$151,350	\$164,433	\$731,645	\$740,893
General Merchandise	\$72,547	\$72,720	\$271,107	\$228,011
Other	\$17,916	\$8,687	\$58,013	\$29,051
PRODUCT MIX				
	2022 Q4	2021 Q4	2022 Q4	2021 Q4
Grand American Touring	14,558	14,476	89,849	93,961
Cruiser	11,685	7,191	59,010	59,033
Adventure Touring	2,031	1,361	10,774	9,916
Sportster/ Street	5,709	5,861	33,894	25,123
Total	33,983	28,889	193,527	188,033
RETAIL SALES OF H-D MOTORCYCLES:				
	2022 Q4	2021 Q4	2022 Q4	2021 Q4
United States	18,367	18,761	109,190	125,713
Canada	816	733	7,924	8,005
EMEA Region	6,562	6,466	30,510	30,907
Asia Pacific Region	7,532	6,794	27,905	25,020
Latin America Region	557	1,032	2,922	3,652
Total	33,834	33,786	178,451	193,297

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

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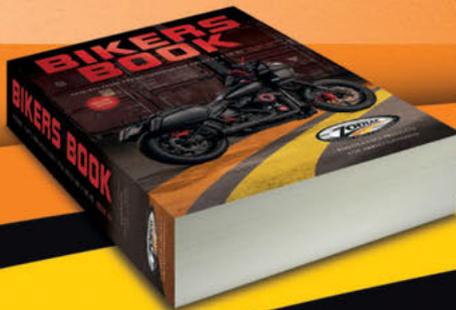


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NEWS BRIEFS

Polaris has donated \$110,000 to off-road, UTV, ATV and snowmobile organizations across the U.S. through its T.R.A.I.L.S. Grant Program. Awarded twice a year, the fall 2022 grants were awarded to 11 off-road and snowmobile non-profit organizations to support the development, improvement and expansion of trails, and help to educate riders on safe and responsible riding practices.

The 1,000th Motorcycle Grand Prix in the more than 70-year history of the sport is set to take place at the classic circuit Le Mans when the SHARK Grand Prix de France is staged at the iconic circuit on May 13-14, 2023. Le Mans has hosted 35 Grands Prix and was first used in 1969 before MotoGP returned to the track full time from 2000. The very first Grand Prix took place in June 1949, the first of six events in the sport's inaugural season. Since then, MotoGP has grown with a 21-race calendar spanning five continents in 2023. The past 70 years have seen more than 125 different World Champions be crowned in the solo classes, representing a total of 20 different nations. The sport has competed in 29 countries, and 73 venues have hosted premier class races - with two more of each set to be added in 2023. The first MotoGP race (then known as the 500 cc class) was staged on the mountain circuit at the Isle of Man TT in 1949. It was won by Briton Harold Daniell on a Norton.

Yamaha Motor Co. has delivered 215 portable power generators for Ukraine to the Japan International Cooperation Agency (JICA). The generators were airlifted to the country by JICA, arrived safely on January 20 and will help provide electricity to the Ukrainian people.

New York based Ideanomics (NASDAQ: IDEX) secured third-party financing to accelerate the U.S. dealer network growth of its subsidiary Energica - the Italian EV manufacturer Energica's U.S. dealer network. Energica now has 24 certified dealers in the United States, which accounts for 33% of product sales. "With a newly expanded manufacturing facility featuring state-of-the-art semi-automated assembly lines, Energica will soon be capable of producing up to 2,000 units per year (and even more soon after) of all four models: the Ego sport bike, the Eva Ribelle e-fighter, the EsseEsse9 retro style bike and finally the new Experia Green Tourer, which has just begun production.

<<< Continued from 64

that gives the Breakout rider instant bragging rights on the street. "Other new features include a five-gallon fuel tank topped with a low-profile chrome console, shaped to lengthen the motorcycle profile and extend riding range; a new handlebar riser and polished stainless steel handlebar is 3/4-inch taller than previous model for improved rider reach to controls.

More Cruise Control and Traction Control

"Electronic cruise control will be a standard feature for the Fat Boy, Fat Bob, Breakout, Low Rider S models, and remains standard on Low Rider ST and Heritage Classic models. "Traction Control System will be offered as a new option for the Breakout, Low Rider S and Low Rider ST models. Traction control is designed to prevent the rear wheel from excessive spinning under acceleration. The rider may turn traction control off using a button on the hand control.

Road Glide 3 Trike

"The all-new Road Glide 3 model combines the advantages of three wheels and a load of hot rod attitude with the comfort, convenience and style of the frame-mounted Road Glide fairing. The rider will enjoy wind-and-weather protection for the long haul plus BOOM! Box GTS infotainment, with Milwaukee-Eight 114 on-demand performance available with a twist of the throttle. The Road Glide 3 is a first for H-D, and a new reason to never stop riding. "Key Road Glide 3 features include a



frame-mounted aerodynamic fairing, triple splitstream vents to help reduce rider helmet buffeting for improved comfort at highway speeds, dual Daymaker LED headlamps for outstanding style and performance, and a low-profile windscreen for hot rod style.

New Nightster - Special Model

"This new middle-weight contender amplifies the Nightster motorcycle riding experience with a host of style, convenience and technology upgrades. Exhilarating performance is delivered by the Revolution Max 975T liquid-cooled V-Twin engine, tuned to make tremendous torque at low rpm. To minimize overall motorcycle weight, the engine is integrated into the vehicle as the central member of the chassis. "Key features include passenger pillion and footpegs enable two-up adventure. Cast aluminum wheels with Tire Pressure Monitoring System (TPMS). Handlebar and 5-inch handlebar riser move hand controls two inches up and one inch back to put the rider in a commanding position on

the motorcycle. Four-inch round TFT screen displays all instrumentation and infotainment functions, managed using buttons on the hand control array.

Freewheeler Model Goes Dark

"The Freewheeler model, an attitude-soaked, cruiser-inspired trike, gets a blacked-out restyle for 2023. The front end, headlamp nacelle, tank console, hand and foot controls, powertrain and exhaust all have black finishes in place of previous bright finishes. The result is a dramatic change in appearance that reinforces this model's raw, hot rod attitude.



1908 Harley - New Auction Record

This year saw a 1908 'Strap Tank' Harley sell for nearly \$1m (\$850,000 plus fees to make \$935,000 to be exact) at Mecum's Las Vegas auction. BikeEXIF reports that there are less than a dozen of these bikes in existence, "however, this one could be the most original. This 'Strap Tank', so called because the gas tank and oil tank are held to the bicycle-like frame

with nickel strap, is one of the oldest surviving Harleys. "This particular 'Strap Tank' was found by motorcycle collector David Uihlein in 1941, and he kept it for 66 years. Yes, it was restored, but it's one of the most correct and original bikes from that era. It has the original tank, wheels, engine belt pulley, seat cover and muffler sleeve. "It's not the most expensive



motorcycle ever sold, but it is the most expensive bike ever sold by Mecum in Vegas. It wasn't the first 'Strap Tank' that Mecum ever sold though - in 2021 the company sold a 1907 example for \$297,000. But this bike has a well-documented history, as well as well-documented original 115-year-old parts."

2023 **FatBook**TM *Cover Bike*

2018 H-D Road King
Customized by
Slyfox Performance



Alloy Art: 49mm Lower Fork Legs, "The Swinger"
Aluminum Swingarm, 53-tooth Cush Drive Chain Sprocket

Baker Drivetrain: DD7 M8 Gear Set

Barnett: Scorpion Billet Hydraulic Clutch

Custom Cycle Engineering: 49 mm Black Fork Tubes

Dakota Digital: MX Series Black Bezel Gauges

Drag Specialties: Dummy Pop-up & Vented Pop-up
Gas Caps, Solid Primary Sprocket Kit, Inner Primary Bearing & Seal Kit

Feuling: Race-Series 521 Camchest Kit*, Endurance Beehive
Valve Springs, Rocker Shaft Kit, Black American Flag Derby Cover,
Vented Dipstick*, BA Race Series Air Cleaner*

Legend Suspension: AXE023 High Performance
Suspension System, Revo ARC Remote Reservoir Coil Suspension

Magura: HC3 Radial
Brake Master Cylinder

ODI: Hart Luck Signature
Black Lock-on Grip Set

Rekluse: Hydraulic Clutch Slave Cylinder

S&S: 55mm Performance Intake Manifold*,
124" Wrinkle Black Big Bore Cylinder Kit*

Slyfox: Track-Pro Front/Rear Wheels and Front/Rear Full
Floating Brake Rotors, 49 mm Triple Tree, Pro-Series Step-up Seat,
Carbon Fiber Front Fender, Rear Fender, Timing Cover and
Clutch Actuator Cover, 6" Straight Riser Kit

Speed Merchant: Polished Mid-Control Kit

Thrashin Supply: 1" Low Bend Black Handlebars

Check out more details on this bike at various rallies and events throughout the year; or log onto dragspecialties.com/bike-builds to view the complete parts list.

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NEWS BRIEFS

Having failed to book the then-available (and all still alive) Rolling Stones for the 100th anniversary (fans got Elton John instead!), the Motor Company has left nothing to chance by hiring Foo Fighters and Green Day to headline its 2023 Homecoming Festival at the Veterans Park, Milwaukee, in July. Harley is billing this Homecoming as a "four-day moto-culture festival, set for July 13-16 at multiple venues in the Milwaukee area, the city where it all began for the Motor Company in 1903." Six Milwaukee-area Harley-Davidson dealerships will also be hosting events and entertainment - including House of Harley-Davidson (Greenfield), Milwaukee H-D (Milwaukee), Suburban Motors (Thiensville), Uke's H-D (Kenosha), West Bend H-D (West Bend) and Wisconsin Harley-Davidson (Oconomowoc).

Tucker Powersports has announced a dealer support program which will pay the National Powersports Dealer Association (NPDA) membership fees for Tucker dealers. Tucker will pay 100% of the annual membership fee for dealers who meet a certain annual purchase level and 50% of membership fees for dealers at a reduced purchase level.

Polaris Slingshot has partnered with Roush Performance on a special edition model "designed with racetrack attitude for drivers who want to win over the streets and draw envious stares." Polaris says this is the first ever cross-branded Slingshot. Built on the Slingshot R platform, it uses the 203 hp ProStar engine.

Volcon ePowerSports has announced pre-production orders for its flagship 'Stag' all-wheel-drive fully electric UTV having eclipsed \$116,000,000, with over 90% of these orders coming from its network of 151 dealers across the U.S. and its six distributors in South and Central America and the Caribbean region. The 'Stag' will be powered by General Motors' Ultium electric propulsion system technologies. Dealer deliveries are slated to begin as early as June 2023. Pre-production orders for dealers and distributors did not require any upfront payment and are non-binding. Consumer pre-production orders require a \$100 reservation fee, but are also non-binding.

Polaris 2022 Record Results

Polaris has reported a record full year worldwide sales of \$8,589m in 2022, up 15% compared to 2021. Record fourth quarter sales were \$2,404m, up 21% compared to last year.

Diluted earnings per share from continuing operations was also a record, at \$10.04, up 27% versus 2021; adjusted diluted earnings per share from continuing operations was \$10.40, up 15%.

Primary sales drivers for the fourth quarter are cited as being higher volumes, strong pricing and favorable mix, offsetting foreign exchange-related headwinds. Retail sales for the quarter were down 6% versus last year despite improving performance in utility Off Road and Indian Motorcycle, offset by softness in recreational Off Road demand.

The On Road Segment results from its January 31st Q4/FY2023 financial year announcements are also said to have been primarily driven by sales being bolstered by a modestly improving supply chain environment, as well as favorable mix and price.

North America unit retail sales for



CONSOLIDATED STATEMENTS OF INCOME (LOSS) (in thousands US \$)				
	Three months ended December 31		Twelve months ended December 31	
	2022	2021	2022	2021
Sales	2,404.1	1,992.6	8,589.0	7,439.2
Cost of sales	1,831.1	1,590.9	6,629.5	5,688.3
Gross profit	573.0	401.7	1,959.5	1,750.9
Operating expenses:				
Selling and marketing	133.0	109.8	480.8	458.2
Research and development	100.6	79.6	366.7	328.7
General and administrative	97.2	65.0	355.9	305.8
Total operating expenses	330.8	254.4	1,203.4	1,092.7
Income from financial services	14.7	12.6	48.4	53.8
Operating income	256.9	159.9	804.5	712.0
Net income	195.5	86.8	447.6	494.3
Diluted Net income per share:	\$ 3.34	\$ 1.40	\$ 7.44	\$ 7.88

Indian Motorcycle were up low-single digits percent. North America unit retail sales for the comparable motorcycle industry were down mid-single digits percent.

Of its Q4 worldwide sales of \$2,404m (up 21% versus the fourth quarter of

2021), North America sales of \$2,108m represented 88% of total company sales and increased 23% from \$1,715m in 2021. International sales of \$296m represented 12% of total company sales and increased 7% versus the fourth quarter of 2021.

Snow season-to-date unit retail sales were down due to sale and ship holds associated with recalls. Polaris North America ORV unit retail sales were down mid-single digits percent. Estimated North America industry ORV unit retail sales were down low-single digits percent.

The company expects 2023 sales to be flat to up 5% versus 2022.



Indian Sport Chief



Described as combining "timeless American style with quality performance-oriented componentry," Indian Motorcycle says that its new Sport Chief is "its most aggressive iteration of the iconic Indian Chief,

building upon one of the most historic and influential motorcycle namesakes of all time."

Featuring FOX piggyback shocks (that increase travel to four inches and lean angle to 29.5 degrees compared to

other Indian Chief models), KYB inverted front forks (as featured on Indian Challenger models) and dual-disc, four-piston, semi-floating caliper,

Continues on page 16 >>>

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



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NEWS BRIEFS

Ideanomics subsidiary Energica Motor Company (Bologna, Italy) achieved a 52% increase in global unit sales (revenues +67%) in 2022 vs. 2021. Future orders in 2023 for all models are up 70% vs. last year. The volume of orders for the Experia Green Tourer already equals half of all 2022 sales. Compared to last year, Energica revenue from worldwide motorcycle sales is almost up 70%.

BRP has announced construction of a new production facility in Mexico dedicated to boat manufacturing. The facility represents an expected capital investment of CAN \$220m and would result in the creation of up to 1,300 jobs in addition to the 2,500 current roles in BRP's Marine Group. Production is planned to start early 2025. This new plant will optimize the company's global manufacturing footprint for the Manitou pontoons and the Alumacraft boats and will complement the Marine Group's production facilities located in Lansing, Michigan, St. Peter, Minnesota, Sturtevant, Wisconsin, Spruce Pine, North Carolina and Coomera, Queensland, Australia.

AJP Motorcycles in Portugal (founded in 1987 by former Enduro racer Antonio Pinto) has appointed Central Powersports Distribution (CPD - Watertown, SD) as its new U.S. distributor. Mark Berg said: "AJP fits our current business model quite well. We already expect our first container to arrive in April/May of 2023." CPD also distributes for other European OEM brands including Rieju and Torrot from Spain and SWM from Italy. It also sells OEM factory and replacement hard parts and brands such as FunnelWeb filters.

Partnering with Poconos Mountain H-D and Speed Kings Cycle Supply, the Lost Highway Motorcycle Show and Concert is slated for May 19-21, 2023 at the newly renovated 200+ acre Poconos Park entertainment complex in Pennsylvania. Lynyrd Skynyrd and Marshall Tucker Band headline.

In a deal finalized at the Verona based Motor Bike Expo in Italy, Custom Chrome Europe has become the exclusive distributor for Dutch made Jekill & Hyde brand EU street legal noise management exhaust systems for the Italian market. CCE sells the J&H product line in all the markets it serves in Europe and is also the exclusive distributor for dealers in Spain and Portugal.

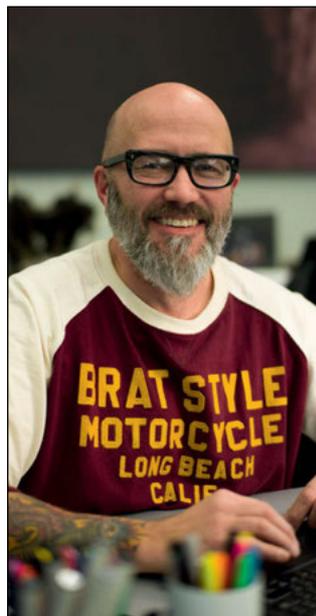
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radial-mounted Brembo brakes, "the 2023 Sport Chief raises the bar for American V-twin performance cruisers. Since launching in 2021, the reimagined Indian Chief has garnered incredible feedback from riders all around the world," said Mike Dougherty, President of Indian Motorcycle.

"With the introduction of the Sport Chief, the 2023 Indian Chief line-up is more diverse than ever, offering a wide range of performance and styling options to meet each rider's unique personality and riding preferences."

"The Sport Chiefs offer superior handling and ride performance and confidence-inspiring stopping power while begging for more aggressive riding. In 2021, we celebrated the 100-year anniversary of Indian Chief with a line-up that pays homage to the glory days of American motorcycling," said Ola Stenegård, Director, Industrial Design for Indian Motorcycle."

"With Sport Chief, we wanted to



Ola Stenegård, Director of Industrial Design for Indian Motorcycle, said: "The Sport Chiefs offer superior handling and ride performance and confidence-inspiring stopping power while begging for more aggressive riding."

maintain the same carefree attitude and American muscle but elevate it even further with componentry that not only delivers a style and attitude that exudes performance, but raises the bar entirely for performance cruisers."

Featuring a simplistic steel-tube frame, Sport Chief "preserves the Indian Chief's mechanical styling. At the heart of it all, a blacked-out Thunderstroke 116 motor delivers 120 ft-lbs of torque, while a stylish new quarter fairing, along with new moto-style bars with machined triple clamps and six-inch risers, set the Sport Chief apart from the rest of the Indian Chief line-up."

With mid-mount foot controls and a solo gunfighter seat, riders are in a commanding, yet comfortable riding position. Sport Chief features sport cast wheels wrapped in Pirelli Night Dragon tires, a four-gallon fuel tank, bobbed rear fender, dual exhaust, LED lighting, keyless ignition and three selectable ride modes, including Sport, Standard and Tour.

SWM V1200

Harley-Davidson's air-cooled Sportster range finally reached the end of the road in 2021/2022, but hardcore fans of the engineering and appearance of the old 1200 cc (it was also built as an 883 cc) machines might find the launch of the SWM V1200 interesting - a bike so similar to the old Sportsters that you'll have to look twice to spot the differences.

SWM stands for Speedy Working Motors according to the company itself, but the name's roots are in the initials SVVM, for Sironi Vergani Vimercate Milano. The company's founders were Piero Sironi and Fausto Vergani, based in Vimercate near Milan when the brand was established in 1971.

It isn't one of the better-known of Italy's myriad motorcycle brands, and the original company folded in 1984 before being revived 30 years later by Ampelio Macchi with backing from Chinese brand Shineray, using the old Husqvarna factory on the shores of Lake Varese.

While several of SWM's initial models were based on Husqvarna machines, the new V1200 is hugely different, marking the brand's first venture into twin-cylinder bikes and its first cruiser, with a capacity more than twice as large as any other SWM model. The bike has also been shown in China under the Shineray name, but SMW's parent says the engine was developed in Italy to meet Euro 5 rules, something that the old Harley-Davidson Sportster



1200 didn't achieve. The similarity to the Sportster extends to its 1202 cc capacity, and visually there's barely a difference between the SWM engine and the old Harley-Davidson 1200 Evo twin. It would be no surprise if Harley-Davidson parts could bolt straight to the SWM V-twin. The only notable technical difference is a lower compression ratio, dropped

from 10.1:1 in the Sportster to 9.1:1 in the SWM V1200, probably to help meet emissions limits. The change is reflected in a slight performance drop, with peak power of 45 kW (60 hp), down from 48.5 kW (65 hp) for the last of the Harley Sportster 1200s. Torque is also down a fraction, peaking at 90 Nm rather than 99 Nm.

The transmission is also near-identical to the Harley five-speed box, and the V1200's frame and styling are very much as the Sportster, with the same overall dimensions to the old Harley-Davidson Forty-Eight. Only the SWM's sloping headlight and larger fuel tank really set it aside.

At the moment, there's no word on the bike's price or when it will be available, but it's likely to appear in the Chinese market under the Shineray name first, with SWM-branded versions for international markets following later on.

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



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NEWS BRIEFS

The BUB 7 Racing Team (Denis Manning) are inviting applications for a new pilot for the BUB SEVEN motorcycle streamliner. Send them an email at bub7even@gmail.com with the word "PILOT" in the subject line.

Las Vegas based Shelby American is honoring the 100th anniversary of founder Carroll Shelby's birth with a small run of special edition Shelby Mustangs - new supercharged Carroll Shelby Centennial Edition Mustangs based on the 2023 Ford Mustang GT. Shelby American manufactures and markets performance vehicles such as authentic continuation Cobras, including the 427 S/C, 289 FIA and 289 street car component vehicles; Shelby GT, 1000, Super Snake and GT-5 post-title packages for the 2005-up Ford Mustang and the Shelby Raptor muscle truck.

It is unclear whether or not it means that HardDrive will be using wings rather than UPS, but parent company Arrowhead has announced that Western Power Sports (and therefore HardDrive too, presumably) will be offering Red Bull Energy Drink products to its dealers. The announcement cites a "multi-year, open-ended partnership with Red Bull" which will see dealers provided with small format coolers to merchandise and sell Red Bull's "signature" 8.4 fl oz drink, which contains 80 mg of caffeine - "about the same amount as in a home-brewed cup of coffee."

Avon Lake, Ohio based sound and heat management specialist Design Engineering Inc., (DEI), noted for its motorcycle exhaust wrap among other sound and heat shielding products, has announced Brad Bricker as its new VP Sales & Marketing. Bricker brings nearly 30 years of sales, marketing and management experience from automotive equipment and accessory manufacturers.

Indian conglomerate Eicher Motors, the parent company of Royal Enfield, has entered into a "collaboration" with Barcelona, Spain based Stark Future SL - a well respected and fast growing electric PTW manufacturer - with an (initial) €50m investment for an approx. 10.35% equity stake. The deal gives it a seat on the board, no doubt, "first dibs" on new product. Stark's recently launched 'VARG' has been well received by reviewers.

2023 AFT Schedule



AMA Pro Racing has now confirmed the final iteration of its finalized 18-round schedule for the upcoming 2023 Progressive AFT season.

The previously announced provisional schedule laid out an ideally balanced slate in terms of discipline, geography and pacing. Other key features were visits to venues both historic and new, the alignment of the calendar with multiple high-profile rallies and holiday weekends, and a more compact timeframe that fits all 18 rounds in during motorcycle riding season.

This final, final schedule features five Miles, five Half-Miles, four Short Tracks and four TTs and "further solidifies that intent with the confirmation of the return of the Arizona Super TT and the West Virginia Half-Mile."

The Arizona Super TT returns following its 2019 debut, joining the entertainment options planned during the weekend of the 29th annual Arizona Bike Week on April 1. The '19 event marked the first Mission SuperTwins presented by S&S Cycle Main Event win of JD Beach's career - one that kicked off a run that has seen him score six of seven TT wins in the years since.

March 9, 2023	Daytona Short Track I, DIS, Daytona Beach, FL
March 10, 2023	Daytona Short Track II, DIS, Daytona Beach, FL
March 25, 2023	Senoia Short Track, Senoia Raceway, Senoia, GA
April 1, 2023	Arizona Super TT, Chandler, AZ
April 22, 2023	Dallas Half-Mile, Devil's Bowl Speedway, Mesquite, TX
May 6, 2023	Ventura Short Track, Ventura Raceway, Ventura, CA
May 13, 2023	Sacramento Mile, Cal Expo, Sacramento, CA
May 27, 2023	Red Mile, The Red Mile, Lexington, KY
June 17, 2023	DuQuoin Mile, DuQuoin State Fairgrounds, Du Quoin, IL
June 24, 2023	Lima Half-Mile, Allen County Fairgrounds, Lima, OH
July 1, 2023	West Virginia Half-Mile, Mineral Wells, WV
July 8, 2023	Orange County Half-Mile, Middletown, NY
July 22, 2023	Bridgeport Half-Mile, Swedesboro, NJ
July 30, 2023	Peoria TT, Peoria Motorcycle Club, Peoria, IL
August 6, 2023	Buffalo Chip TT, Sturgis Buffalo Chip, Sturgis, SD
August 12, 2023	Castle Rock TT, Castle Rock Race Park, Castle Rock, WA
September 2, 2023	Springfield Mile I, Illinois State Fairgrounds, Springfield, IL
September 3, 2023	Springfield Mile II, Illinois State Fairgrounds, Springfield, IL

On July 1, Progressive AFT will compete in the state of West Virginia for the first time since 2006 with the West Virginia Half-Mile. The event will take place at the scenic West Virginia Motor Speedway in Mineral Wells, W.V. This mountainside 5/8-mile track is both renowned for its high speed and beautiful settings, promising to serve

as an incredible stage for the world's greatest motorcycle dirt track racers next summer.

Tickets for select rounds are on sale now, and the remainder of the rounds will be made available for purchase in the weeks ahead at americanflattrack.com

Burly Brand Teams Up with HardDrive

Cerritos, CA based Burly Brand has announced distribution of its handlebars, cable kits, suspension, and accessories products through Western Power Sports' HardDrive division 7-warehouse network, effective January 2023.

"We are very excited to partner with Western Power Sports," said Chris Lindstrom, President and CEO of Burly Brand. "Our extensive line of handlebars, cable kits and suspension combined with Western Power Sports' distribution network will be a huge win for dealers and customers."

"Since 1996, Burly Brand has established itself as a leader in the industry with a vast offering of premium aftermarket motorcycle modifications for V-Twin and Metric

consumers. With products such as our wide range of handlebars, like our famous Gorilla Apes, cable kits that ensure an OEM type fit, and Slammer Shocks and Fork Lowering Kits, sissy



Chris Lindstrom

bars to fairings, and everything in between, Burly Brand has what you need to build the custom bike of your dreams.



"The WPS company motto is 'work hard, play hard.' We can relate. At Burly Brand, we have a love and a passion for two wheels that has kept us moving forward for nearly 30 years. Our new facility in Cerritos, California has drastically improved our ability to meet the demand for products across the industry and we look forward to serving customers with WPS in 2023 and beyond."

Motorex Buys Spectro

The U.S. subsidiary of Swiss oil manufacturer Motorex (Bucher AG) has acquired all the assets, commercial activity and blending and storage operations of Brookfield, Connecticut, based Spectro Performance Oils (Intercontinental Lubricants Corporation).

Alex Josefson, President of Spectro, is

quoted as stating: "We have a long-standing and excellent relationship with Motorex, so when this agreement was first discussed, it seemed like the



natural next step for our company. "Motorex respects, appreciates and fully understands the Spectro brand and its goals for the future. With planned investments and upgrades to our manufacturing facility in Brookfield, and the support of its impressive research and development labs in Switzerland, the future is bright for Spectro and Motorex in the U.S. and around the world."

www.motorex.com

www.AMDchampionship.com

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

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Registrations 2022 - USA Powersports Retail Unit Sales -6.2%



**MOTORCYCLE
INDUSTRY
COUNCIL**

The MIC (Motorcycle Industry Association, Irvine, California) is reporting that among leading brands, 2022 sales of new motorcycles and scooters decreased by -3.5% over the previous year, while ATVs decreased -12.7%.

Motorcycles and scooters accounted for 73.2% of the 2022 sales and ATVs represented 26.8%, among those brands.

"While 2022 is pretty much flat compared to 2021 and 2020, it still is a significant increase from 2019," said Buckner Nesheim, MIC Director of Research and Statistics.

"When we compare 2022 to 2019 sales, off-highway is up +36%, on-highway is up +4%, and scooters are up +12%. Dual sport (ADV) is a

Quarterly Retail Sales Flash Report - December 2022

Vehicle Type	General Type	Month				Year to Date			
		2022 Current	2021 Prior	Unit Change	% Change	2022 Current	2021 Prior	Unit Change	% Change
Motorcycle	SCOOTER	1,009	1,366	-357	-26.1	22,181	23,186	-1,005	-4.3
Motorcycle	ON-HWY	12,986	12,888	98	0.8	297,174	314,222	-17,048	-5.4
Motorcycle	DUAL	4,028	3,874	154	4.0	72,643	66,663	5,980	9.0
Motorcycle	OFF-HWY	16,976	16,295	681	4.2	145,218	152,875	-7,657	-5.0
Motorcycle	TOTAL	34,999	34,423	576	1.7	537,216	556,946	-19,730	-3.5
ATV	ATV	22,278	21,756	522	2.4	196,321	224,860	-28,539	-12.7
GRAND	TOTAL	57,277	56,179	1,098	2.0	733,537	781,806	-48,269	-6.2

tremendous growth story. Sales in this category have increased every year since 2016 and more dual sport motorcycles were sold in 2022 than in any other year since we started collecting data in this category back in 1990."

The MIC data for the full year 2022 show total powersports industry new model retail sales at -6.2% (733,537 units compared to 781,806 units in 2021).

Domestic US on-highway retail motorcycle sales were 297,174 units

for the year (-5.4%); scooters at 22,181 units (-4.3%); dual sport models (ADV) were 72,643 units (+0.0%); off-highway motorcycles were -5.0% (145,216 units), with ATV retail sales -12.7% at 196,860 units.

Tucker V-Twin Catalog 2023

Tucker Powersports has released a new Tucker V-Twin catalog for 2023 with over 1,500 pages of product from some of the biggest and oldest brands in the market, and some of the important but more difficult to find brands and products. From audio to windshields, seats, luggage and wheels to brakes, suspension, engines and transmissions, the range features industry top-sellers, exclusives, a dedicated range of Indian and Victory parts and accessories, and hundreds of new items.

New items such as the recently released M-8 Big Bore kits from S&S, Rockford Fosgate Gen-3 audio kits, Vance & Hines hi-output RR PCX 2-into-1 exhausts and Falcon air intakes, Freedom Performance exhausts for Indian Chiefs and Kuryakyn



Tracer U.S. flag LED taillights.
www.tucker.com

Another Winner

Biltwell's 2023 Parts & Labor Motorcycle Expo (Del Mar, California, January 14th) attracted a record crowd for the event, according to co-founder Bill Bryant.

"Our thanks to everyone who came to the show this year in Del Mar. Despite the pouring rain, we had a record attendance and more show bikes and cool vendors than ever before.

"What started as our scratch-and-dent parking lot sale about ten years ago has evolved into a fun day packed with smokin' deals, lots of motorcycles and fun for the whole family.

"We were stoked to see the Speed-Kings Softail go to a very deserving local rider, and the show bike class winners are listed below. Thanks too to

our friends at J&P Cycles who helped put on our Parts & Labor Motorcycle Expo this year. Continuing with their support of the DIY/backyard builder, they're offering consumers a 15% discount when they use the code PARTSANDLABOR on their website (exclusions apply)."

www.partsandlaborexpo.com



The Best Chopper award, chosen by Lowbrow Customs, went to Lorenzo Cisi.



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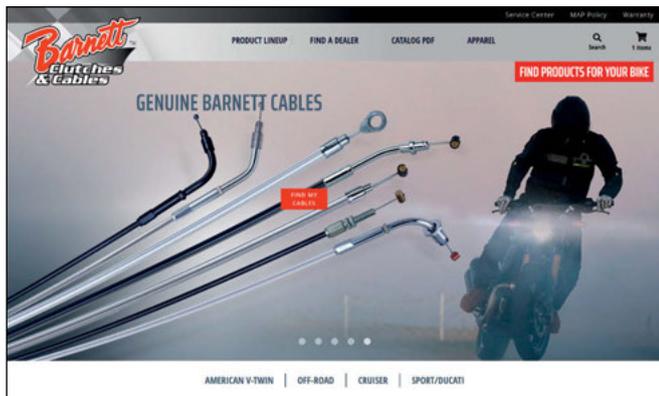


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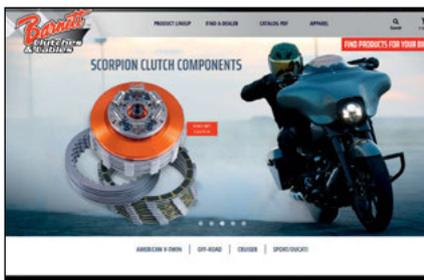
Ventura, California based Barnett Clutches and Cables, manufacturers of top-quality American made motorcycle and ATV clutches and cables since 1948, has announced the launch of an all-new website.

On the site dealers and importers will find product information and applications for virtually the entire line of Barnett products - from clutch kits, baskets, pressure plates and covers, to cables and more.

"Whether you need a clutch or cable for a classic

vintage machine of the past or for modern machinery - street or off-road - you can find the information and applications you are looking for at the Barnett website."

www.barnettclutches.com



Showtime for Harley vs Indian



Custom Chrome Europe (CCE) is backing a new iteration of the springtime "Rheinessen Rumble" Ride-In bike show in Germany (April 28th-30th) with rebuilt class definitions to set up "Indian vs Harley" battles in all classes.

Being staged at the "Nahetal Arena" at ClassicX Landhaus and Hotel near Gensingen/Germany, CCE is putting up some €4,000 in contingency prize value and says that the new concept "may change the nature of Ride-In bike show classes for the future.

"The 'Harley vs. Indian wars' are back - well not quite - but German Harley and Indian custom parts distributor Custom Chrome Europe has taken a bold step to level the playing field to boost the chances of equal custom show competition between the two iconic American brands by changing the rules under which CCE co-organized bike shows will be run

in the future."

The event is being staged some 4 km from CCE's European HQ and warehouse at Grolsheim. Last year saw a Ride-In bike show added to the "Rheinessen Rumble" for the first time, and CCE says that "this bike show will be the first in the world to be structured to recognize the growing importance of Indian custom bikes and stock conversions, with both brands 'fighting it out' in the same classes.

There will be four classes, updated from the "classic" CCE Faak Ride-In bike show that has been a staple on the European bike show circuit for years - the primary Championship class, Modified Harley/Indian, Jammer Old School (now integrating Choppers) and Sportster/Scout Engines - which will include customized examples of the new Sportster S and Indian's FTRs.

Custom-Chrome-Europe.com

Andreani Opens U.S. Warehouse



Italian suspension specialist Andreani Group has announced the opening of its first U.S. office and distribution center, located at Hendersonville, NC. The facility is building a stock of products from its own lines (such as its award-winning Misano cartridges) as well as well-known brands that will be distributed to U.S. bicycle shops and motorcycle dealerships.

Luciano Ubaldini, President of Andreani USA, says that the U.S. facility has a 10,000 sq ft distribution center and Andreani USA offices. The company currently employs four people in the U.S. and expects that number to increase as business grows. Andreani USA currently distributes products from SKF, Intek, Kayaba, Showa and Öhlins, as well as its own Andreani line of suspensions for motorcycles and bicycles.

"The Andreani Group is thrilled to open our operations in the United States. The U.S. market is a tremendous



opportunity for our company. We believe that our approach to high-performance two-wheelers, which is to provide great products and help technicians by offering comprehensive training, will have a significant impact on bicycle and motorcycle riders in the USA," said Luciano.

Founded in Pesaro, Italy, in 1987 by Giuseppe Andreani, a former motorcycle racing champion, Andreani Group International was conceived to support the performance needs of motorcycle riders and racers. Giuseppe

quickly realized that the science of vehicle suspension was not well understood by riders and technicians in the motorcycle world, so worked with industry experts to build what is now a highly regarded training program, which quickly became the premier resource for technicians and tuners in Europe to get the most out of their motorcycles.

"Andreani USA will begin offering this type of training in the United States later this year and will encourage technicians from its customers'



Luciano Ubaldini, President of Andreani USA

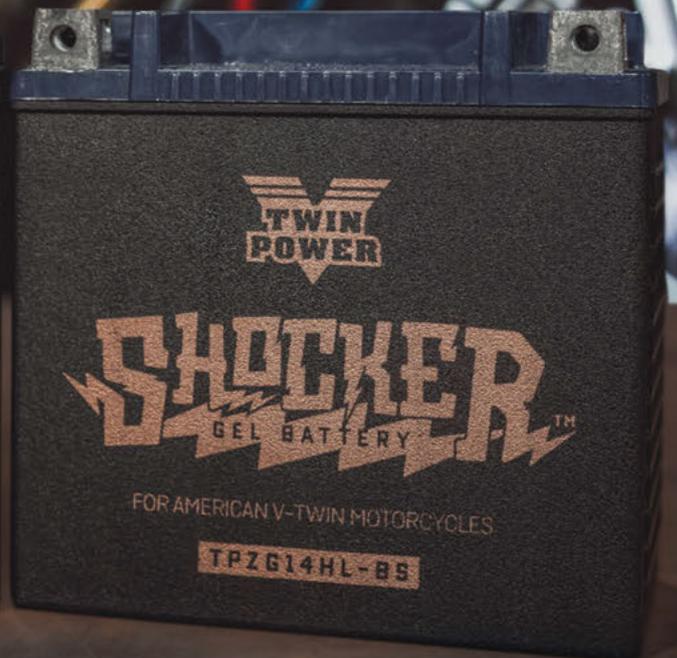
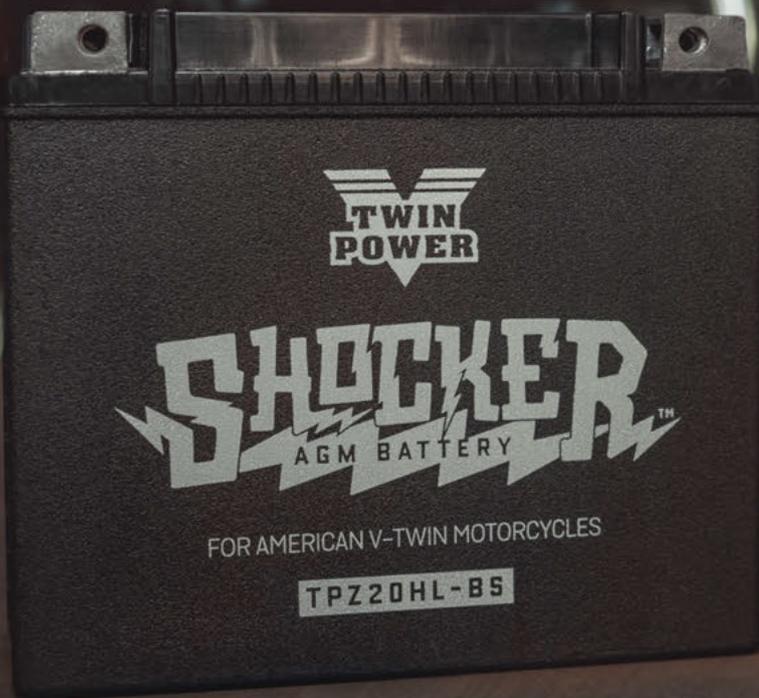
dealerships to attend, along with tuners from some of the top road racing and motocross teams in the industry.

"The company will also offer training for mountain bike racing teams and technicians, leveraging the company's deep roots in all types of performance two-wheelers."

The company expects the staff in Hendersonville to grow to 10-15 employees by the end of 2023 and will expand to offer more products and more top brands of motorcycle and bicycle suspension products.

www.andreaniusa.com

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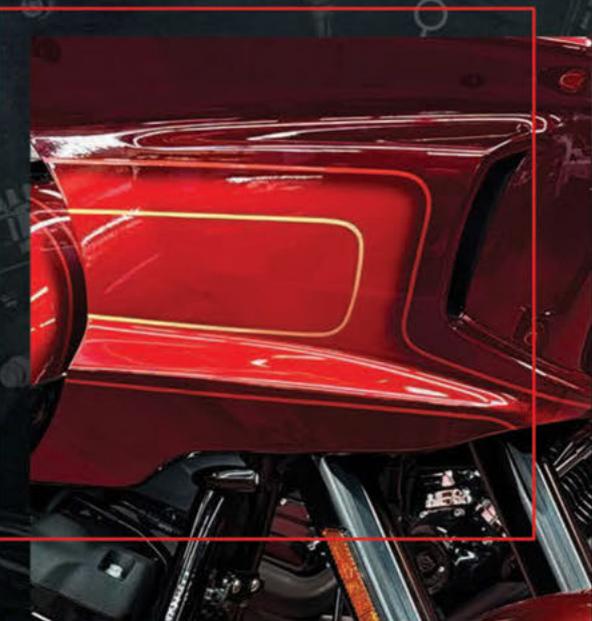


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Parts Unlimited & Drag Specialties 2023 Spring NVP Product Expo



Louisville, Kentucky, in January 2023 was the final brick that rebuilt the wall. The 2020 show was the last to be staged in the powersports market before we all ran into the brick wall of a pandemic that is only now starting to fully unwind ...

PARTS UNLIMITED

DRAG Specialties

The pandemic experience will leave a permanent shadow on our market, some aspects of which will be good - the 24 months of being able to sell

pretty much everything and anything is unlikely to come around again in our lifetimes. Some aspects of it are potentially bad

though. Quite apart from the loss of loved ones and friends, the worry in the powersports industry now is whether the customers that fueled those 24 months of sales can be retained?

With all the other potential issues bubbling under - inflation, supply chain, war, interest rates (it's a well-rehearsed list), the generally agreed prognosis for the year ahead was that "flat" would be the most likely best result the parts and accessories market

can hope for. However, there was still positivity in the aisles, still business being done, and there were still crowds. Record crowds in fact.

It proved to be the best attended Expo to date with 2,121 dealer attendees and an overall attendance of over 2,800. With a 40% increase in exhibit space, there was more room for the record number of attendees as well as many new vendors to the Expo.

The Expo weekend kicked off on >>



S&S Cycle: Eric Bondy, VP of Sales and Business Development, told AMD: "Winter Power Package offers have proven very popular again this season. Dealers can order our 100" and 110" Big Bore kits for 1999-2007 Twin Cam upgrades, or 124" and 128" upgrades for the 107" and 114" M-8 models from 2017 to 2020. But they are not the largest displacement we offer. That accolade falls to our Black Granite 132" kits for 114" stock engines - including CVO models; www.sscycle.com



BS Battery: Following many years of success in Europe with Parts Europe, the Paris, France based battery and charger specialist recently signed a Drag Specialties and Parts Unlimited exclusivity deal with LeMans for the United States. As the company's sales in North America grow, owner Benjamin Sebban has hired former Yamaha USA man Frank Pittman to head up the brand and provide local support for the distributors' sales executives and their dealers. In other news, after five successful years, BS Battery has renewed its sponsorship of 2022 MotoGP Vice Champion Fabio Quartararo (23), who rides for the Monster Energy Yamaha MotoGP team; www.bs-battery.com

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Dyna pictured with "Pleated" style.
FXR pictured with "Gripp Tape" style.
Bagger pictured with "Diamond" style.
Sportster pictured with "Basket Weave" style.
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*Kits include either throttle + idle control cables or pre-terminated throttle-by-wire extensions, clutch cable or hydraulic clutch line, DOT brake lines, copper crush washers, hardware, and terminated turn signal & switch wiring extensions.

www.magnumshielding.com

**DRAG
Specialties**

> Thursday with training for the Parts Unlimited and Drag Specialties sales team and extended into Friday, where they had additional opportunities to visit vendor displays to get a sneak peak of what's new for 2023. "On Saturday and Sunday, exciting new brands and products were unveiled along with opportunities to connect with the industry's leading brand representatives. Dealers attending the Expo received Expo discounts and additional incentives

from participating vendors. "Saturday evening brought the industry together for the iconic Meet & Greet, which took place at The Sports & Social Club in the heart of downtown Louisville's 4th Street Live Entertainment District - food, drinks, games and live entertainment for all." As ever, it was a superbly organized weekend, and I for one 'Doff my Hat' yet again to Kathy Sommervold, Lisa Reif and their crew for doing such a great job - "the oil in the engine!"



DP Brakes: Celebrating its 40th anniversary this year, originally developed by Dunlop, DP Brakes are the originators of sintered brake pads and these days some 95% of all new motorcycles and ATVs roll off its production lines with sintered brakes fitted as stock. Exclusively distributed in USA by Parts Unlimited and Drag Specialties, DP is the only manufacturer that concentrates 100 percent of its production on sintered metal pads; www.dp-brakes.com



PC Racing: Murrieta, California based JJ Petchel told AMD that 'UltraCool' patented, fan-assisted oil cooling systems "have been developed specifically for the V-twin market and are the most powerful available. They will drop oil temperature by up to 50 degrees F, and up to 60 degrees when used in combination with our FLO stainless steel reusable oil filters." Features include a chrome or powder-coated black grill cover to hide and protect the heat exchanger and fans; www.ultracooffl.com



Memphis Shades: A dedicated, long-term supporter of AFT racing, Rossville, Tennessee based Memphis Shades recently announced that it has returned to an exclusive distribution arrangement with LeMans Corporation - Drag Specialties, Parts Unlimited, Parts Canada and Parts Europe - selling its full line of windshields, fairings and hardware. Memphis Shades designs and builds all its windshields, fairings and hardware in-house - "raw materials in, finished goods out," says Mike Curry; www.memphisshades.com

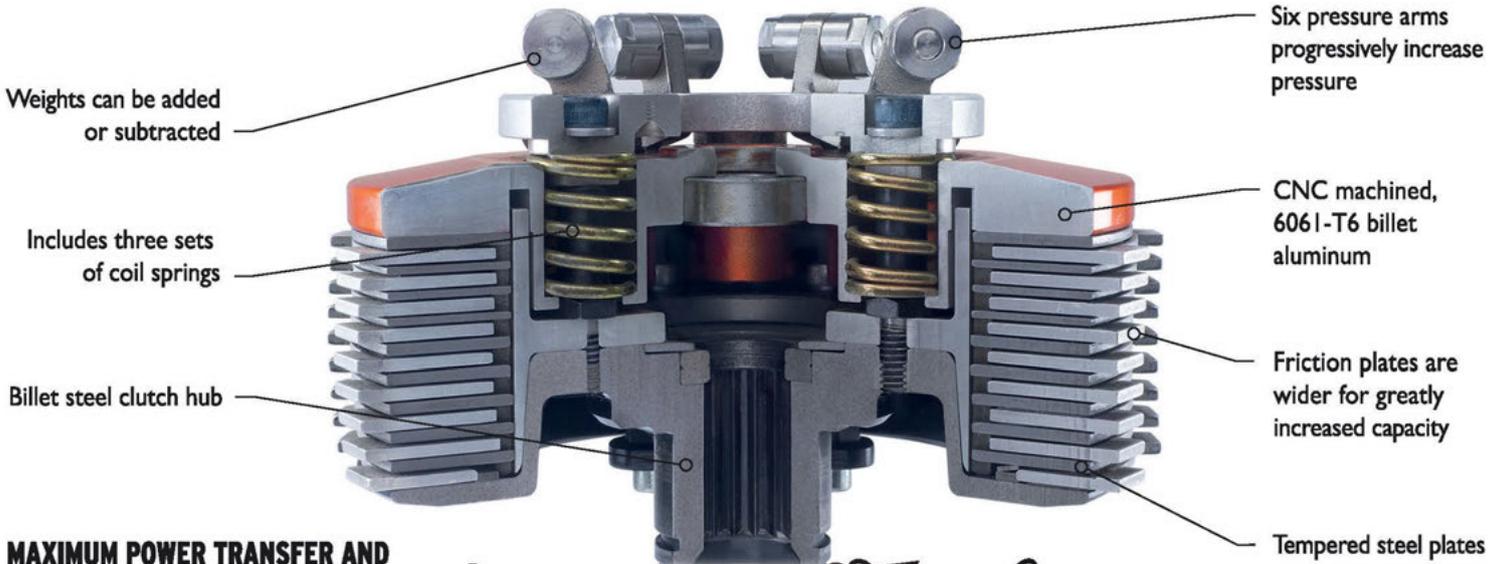


Biltwell: Former Icon man Davin Wirtanen brought years of motorcycle helmet experience with him when he joined Biltwell as the new VP of Sales in 2022. "I had seen what Bill Bryant and 'McGoo' were doing with the Biltwell brand from within the industry and knew them well. When the chance to join them came up, it was an easy decision. They develop great designs and, from the rider's point of view, offer stylish, high quality helmets that are very much 'on-point' and offer them at a reasonable price. They understand that this is a business that is all about having fun. Biltwell is a brand that is all about having fun. It's a brand that riders can relate to"; www.biltwellinc.com



TecMate: CEO and CTO Martin Human told AMD: "USB-C is upon us, and OptiMate is ready for the leap forward it represents. USB-C has now been mandated in Europe to be the single communication and charging connector for all phones and other communication-ready devices. We have taken note of this and designed a new range of OptiMate USB chargers with USB-C ports to enable charging of all USB-C ready devices. All OptiMate USB chargers have a unique feature that protects the battery that it is drawing power from - the OptiMate USB charger senses when the vehicle's engine is turned off and will turn itself off within one hour"; www.optimate1.com/usb

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Trask: From intakes to exhausts, brakes to driveline and 'Assault' series performance customs and parts and accessories, Nick Trask's Phoenix, Arizona workshops are internationally recognized as one of the top tuning shops in America. Currently the reigning Bagger Racing League champions (with Shane Narbone scooping two Bagger GP class wins and two seconds in 2022), its Nick's Turbo system designs that are its best known products. Bagger Racing-derived, the Tornado Turbo system is made exclusively for Drag Specialties; www.traskperformance.com



Galfer: Mark Crookston (seen here right) is Galfer USA's senior Sales Lead - "We are celebrating our 70th anniversary and our U.S. subsidiary has been supporting the brand since the 1990s. In addition to new race-bred brake pads, major recent new product introductions include the Cubiq and revolutionary Floatech rotor designs. Cubiq rotors feature a brake track design in hexagonal shapes to optimize pad contact to reduce wear, weight and dust; www.galfer.eu, www.galferusa.com



Maxima Racing Oils/Pro Filter: Originally best known for its MX and Off-Road oils, Southern California based Maxima was one of the "pioneers of the 'Oil Change in a Box' concept for V-twins," says Trevor Reis. "Our fully synthetic 10W-50 V-Twin engine oil meets or exceeds all OEM specifications for all of Harley's Big Twins - very much the right product, in the right place and at the right time for the Pan America; www.maximausa.com



JIMS: Meet Monty Howard - the legendary Camarillo, California V-twin performance components, engines, transmissions and specialty tools manufacturer's new Sales Manager; www.jimsusa.com



Le Pera: Christine and Bob Le Pera recently celebrated the 50th anniversary of the motorcycle seats business started by their father in 1973. Throughout that time their designs have proven to be as versatile as they are stylish, and with their experience, there's barely anything involving seat comfort and ergonomics that they haven't tackled down the years. Still handcrafting all its seats at its North Hollywood, California headquarters after 50 years as the market's design leader. All Le Pera seats feature a highly detailed powder-coated steel, carpeted base plate, a specially poured high-density "Marathon" molded foam foundation and double stitched, handcrafted covers with bonded polyester thread for durability; www.lepera.com



Rick's Motorsport Electrics: Seen here with his daughter Amanda Laidlaw, Rick Shaw believes in "keeping it in the family" - a family that has grown its Hampstead, New Hampshire business from humble origins as a salvage parts specialist to one of the most important motorcycle charging system component manufacturers in the world.; www.ricksmotorsportelectrics.com

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www.dp-brakes.com

DRAG
Specialties



Barnett Clutches & Cables: Celebrating its 75th anniversary this year, Charlie Barnett started out with a small storefront in Huntington Park, California, in 1948. Since then, the company has grown to be an international presence in the aftermarket, producing clutches and control cables with direct-fit/upgrade applications for just about everything on two wheels - from vintage bikes to the newest machines on the showroom floor, street to off-road, and even ATVs. "Everything is made in the USA," says Jennifer Darling, "with top-quality materials and designs. Multiple quality checks throughout the build process guarantee that when a customer installs a Barnett clutch or cable, they know they are getting a reliable, durable, no-compromise high-quality upgrade;" www.barnettclutches.com



Performance Machine: Himself a racer, PM President Chris Lindstrom has spearheaded one of the most significant expansions for the Cerritos, California based manufacturer in its 53-year history with the move into the burgeoning UTV parts, accessory and performance market; www.performancemachine.com



Bagger Nation: Ever the consummate showman, Paul Yaffe continues to push the boundaries of the Bagger parts and accessories market. Recent new product designs include 'Swoop' rear fenders for Trikes, 'Fix-Stand' side stand upgrade kit for the notoriously unstable side stands on M-8 models and custom COB 'Firebolt' LED taillights; www.baggernation.com



Supersprox: The (not so) little matter of war with Russia hasn't stopped DJ Maughfling and his team at the Supersprox factory in Ukraine (Zhytomyr, west of Kyiv) from producing motorcycle sprockets. A new deal for USA with Parts Unlimited and Drag Specialties will see production ramp up and domestic U.S. availability greatly improved. The company dates back to 1959 when DJ's father Roger (a passionate racer) started with a motorcycle repair shop in England. Supersprox is now the largest producer of sprockets in Europe. Supersprox has 70 people in Ukraine and the determination, and no small measure of creativity they have shown to not allowing the forces of fascism and authoritarianism to destroy their freedom and everything they have built, has been exemplary - "kudos cubed!"; www.supersprox.com



SlyFox Performance: Alex Fox is building a strong reputation on the Bagger Racing circuit and for his fast-growing range of Bagger parts and accessories. Seen here with his race-ready Road King - the 2023 Drag Specialties catalog cover bike - built in collaboration with Joe Haupt and the team at Suburban Harley-Davidson (Thiensville, Wisconsin); www.slyfoxperformance.com



NAMZ Custom Cycle Products: Jeff Zielinski's Oreland, Pennsylvania based market-leading electrical system emporium of excellence has been in new product overdrive the past few months with new Royal Flush 'Letric' lighting options and a range of EFI system wiring harness upgrades; www.namzccp.com



Feuling Performance Parts: Luke Leatherman told AMD that "our HP+ and RACE SERIES oiling system kits for M-8 engines include Feuling's 7075 billet aluminum high flow camplates - designed to be 50% harder and stronger than the factory or Feuling OE+ equivalents. We increase oil flow and volume by enlarging the oil pump reservoirs and critical oil passages, including matching the oil port holes throughout the camplate to the port holes in the engine case - this increases engine oil flow to the lifters, piston cooling jets, crankshaft and rod bearings." Backed by a no-charge extendable one-year warranty, these kits deliver 27% more pressure and scavenge volume over stock, 42% more scavenge volume through port sizing, matched passages and holes to the engine case and 68% more oil volume to the crankshaft and connecting rod bearing. "They are proven to cool engine temperatures by 15-25 degrees cooler and reduce oil temperatures by between 15-30 degrees with 10-30 more PSI of oil pressure"; www.feulingparts.com



Kibblewhite Precision Machining: New from the Pacifica, California based valvetrain specialist is an M-8 dual spring rocker shim conversion system that adds a 0.95 mm hardened steel shim between the valve tip and rocker arm to increase the allowable rocker wipe area for maximum valve lift (up to 0.675" valve lift compatibility). Vanessa Kibblewhite and Jacob Harrington told AMD that additional recent new products have included valvetrain systems for Indian Scout models - a choice of Beehive or Racing spring kits, manganese bronze 'Engine Builder' valve guides, Black Diamond stainless valves, shim-on-bottom tappets, DLC-coated tappets and a choice of either 5.5 mm stem x 0.435" OEM replacement Red Viton guide seals, or 5.5 mm stem by 0.360" Red Viton "Racer's Choice" guide seals; www.kpmi.us



Vance & Hines: Still flush with its 2022 AFT Production Twins class championship win, industry veteran Eddie Tejerus told AMD that reaction to the new torque-boosting Power Chamber Exhaust (PCX) technology series (with included catalyst for EPA compliance), introduced at the Drag Specialties NVP at Madison last summer, has been "exceptional"; www.vanceandhines.com



Hawg Halters: Mark Thompson has had a busy winter with a slew of new products. From precision CNC-machined radial mount dual and single 6-piston caliper kits with differential bore technology to additions to its 'Dominator' line such as Bagger mid-control conversion kits and 48 and 51 tooth performance, non-cush drive sprocket kits for all 2009 and up Touring models; www.hawghalters.com



Coastal Moto: 2023 additions include availability of its popular Largo 3D wheel design with matching 18x7 rears for Harley Tri-Glides, Freewheelers and the brand-new Road Glide 3. Plus, precision-cast Marlin 3D bronze fronts and rears for 2000-2023 Touring models. Offered for ABS or non-ABS models, with or without factory TPMS (Tire Pressure Monitoring System) compatibility. Options include polished rotors (11.5" for 2000-2007 or 11.8" for 2008-2022), wheel only, or choice of Dunlop American Eagle, Michelin Commander or Metzeler ME888 tires; www.coastalmoto.com



Kodlin USA: One of the fastest growing aftermarket parts programs, designed by noted German custom bike builder Fred Kodlin and now available in USA exclusively through Drag Specialties and in Canada from Parts Canada; www.kodlinusa.com



Burly Brand: "Bringing style and protection to the new generation of riders," Burly Brand has announced a new line of Brawler Kits for Sportster, Dyna, M-8 Softail and Touring models. TIG- welded for maximum durability, they come with 1/2"-13 socket head cap screw hardware included. With 7-gauge mild steel mount/gussets, "riders can trust that their motorcycle is protected with the best quality materials." Also check out its new 10, 12 and 14 "Folsom" T-Bars; www.burlybrand.com



KB Performance: Marko Glush told AMD that "our recently introduced piston upgrade options for M-8 engines fit the oil and water-cooled engines from 2017 to present with 4.250" bore cylinders." The company's 107" to 124" conversion and 114"/117" to 128" conversion application pistons feature KB's valve pocket technology for up to 3 mm larger valves. The pistons have type 3 hard anodized crowns and top ring groove, with LINE2LINE abrasible skirt coating. KB pistons are made in Carson City, Nevada, by United Engine & Machine (UEM); www.uempistons.com



Lyndall Racing Brakes: Recent new products from Paul Kittrell's San Marcos, Texas based factory include stock wheel replacement rotors - a bolt-on replacement for '14-'22 H-D Touring models with 'Prodigy' or 'Enforcer' wheels. Manufactured in high carbon stainless steel, they are an 11.8" spoke-mounted rotor with five bolt holes and 6.7" brake rotor pitch circle diameter (PCD). "They are a perfect match for our premium quality organic brake pads and will also fit H-D 'Aggressor' front wheels when used with 'Enforcer' style bolt hats; www.lyndallbrakes.com



Magnum Shielding: The Pittsford, New York based manufacturer's handlebar installation kits have everything customers need for cable and brake line replacement on H-D models going back to 1996 and Indians back to 2015. "What really sets our kits apart is our vast selection of sizes, colors and kit configurations," according to Magnum's Reese Hurwitz - seen here left with father Scott and Engineering Manager Chris Hughson; www.magnumshielding.com



All Balls Racing: Among the wide range of components relied on by custom V-twin shops, All Balls starter motors are manufactured with all-new components that have been selected and fine-tuned specifically for starting H-D V-twin engines. Product Development specialist Alex Geiger told AMD that "our starter clutches utilize 20% oversize rollers and the idler gears are manufactured from cold-headed steel. End frames are cold chamber die-cast and machined on precision fixtures with armature hairpins resistance-fused to the commutator." All starters are supplied with a 10/32 threaded output shaft, and a conversion bolt for the earlier 1/4-20 threaded output shafts to cover all Big Twins from 1989 thru 2005; www.allballs racing.com



Cometic Gasket: The 'Official Gasket' brand of AFT has been "sealing championship engines since 1989." Jason Moses told AMD that recent new V-twin products from the Concord, Ohio based manufacturer have included "gaskets for Indian Big Twin, FTR and Scout applications such as Big Bore head gaskets for 2020 and up Indian Challengers in .020" MLS (Multi-Layer Steel) and .010" rubber coated steel base gaskets; www.cometic.com

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HHI Radial Mount Calipers!



Radial Mount 6 Piston Calipers for 108mm Mount Design

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, Gold, and Chrome.



HHI 4 & 6 Piston Axial Mount Calipers

Industry leading HHI Direct Bolt On, Differential Bore Calipers fit 11.5 to 18 inch brake rotor applications.

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Mid-USA Product Additions

S&S Big Bore Kits



Seen here for 129" M-8 107" conversions, S&S says these kits deliver the largest big bore possible with a slip-in kit. They have black cylinders with highlighted fins and work with the stock crankcases - no machining or modifications are needed. The powder-coat finish matches the factory finish. Features include MLS (multi-layered steel) head gaskets. The 4.32" bore is slated for a pump gas-friendly 11:1 compression ratio and optional use of a high lift cam, without case mods or engine removal. The 4.375" stroke in the 129" kit retains the stock engine height. Also available as a 132" conversion for M-8 114" engines.

Dynojet PC 6



Dynojet PC 6, seen here for FXDLS 110" models '16-'17

New to Mid-USA, Dynojet's "tried, true and tested" Power Commander 6 has been developed for a "streamlined user interface to make choosing and tuning a map easier for the end user." Tune settings can be easily changed and upgraded as parts are upgraded. Features include compact design for discrete placement and ease of installation, with each cylinder able to be mapped individually and for each gear, giving riders

a more granular level of control. It can be paired with other Power Commander accessories such as the Autotune, Quickshifter or POD-300, has 50-State compatibility and ships with a one-year warranty. It is available for Touring models 2008 and up, most Softails from 2007 and up (to 2020), 2012/2017 Dyna Glides and XL 1200 2013 to 2020.

Le Pera 'Bare Bones' Solo



M-8 Softail

North Hollywood, California based Le Pera is celebrating 50 years as the internationally recognized custom seats design leader and, now available at Mid-USA, its 'Bare Bones' seats are designed to be low and aggressive with a simplistic design that will "change the entire look" of the bike. They are available in two versions - for standard tire Softail models or for a clean and streamlined look on M-8 Softails.

Wheel Balancing Weights

Available for all spoked or cast wheels, these adhesive-backed, lead-free steel Motion Pro wheel balancing weights are available in silver or black powder-coat.

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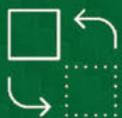
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Zodiac Product Additions

Arlen Ness Stocker Mirrors



The head and stem of these Arlen Ness clean, smooth flowing design mirrors are forged from aluminum. They feature heavy duty stainless steel internal pivot hardware and come with SAE and metric mounting hardware for easy installation on American, European and Japanese motorcycles.



The mirror head is 4 1/2" wide and 2 3/4" high. The overall width is 6 1/4" (15.9 cm), and the overall height is 5 3/8" (13.6 cm).

Arlen Ness Ventilator Performance Air Filter Element

This Arlen Ness Big Sucker washable cotton gauze air filter element is higher than the standard one found in Screamin' Eagle ventilator air cleaners for M-8 models. The filter provides 22% more filter area surface, which can give up to a 5 hp power increase.



It comes complete with spacers and other hardware for a quick and easy installation.

OptiMate Pro 1 Duo Battery Charger for Professional Use



This OptiMate 12 volt, 10 amp battery charger can also be used as a battery tester, as well as a constant power supply. It is perfectly suited for when using diagnostic software, even when the bike is running. This charger works with all kinds of lead-acid and lithium batteries and an input of 100-240 volt at 50-60 Hz and has selectable output.

The charger has a built-in IEC C8 connector and is supplied with a power cord with a standard continental plug. Mating C7 to other style plug power cords can be purchased locally.

For professional use, the specifications are 12V lead-acid STD and AGM from 3-50 Ah and 12.8V/13.2V Lithium LFP (LiFePO4) from 2-20 Ah, with 0.4 A to 10 A variable (Ampmatic) charging amps. Charging volts are 12V lead-acid: 0.5V to 22V. 12.8V/13.2V Lithium LFP (LiFePO4): 0.5V to 14.4V with an 11V to 13.6V power supply.

The case includes rubber bumpers, with wall-mount or hanger bars, and a wall storage receiver and bar hanging hook are included. It is sold with a two-year limited repair/replacement warranty.

Bobber Rear Fender for Dyna



This steel rear fender is a replacement for stock on 2006-2008 FXDWG Dyna Wide Glide and can also be fitted to all other 2006-2017 Dyna models.

Mask Goggles



These goggles have a detachable, strong but lightweight face mask for improved protection. The goggles have a high scratchproof lens, ventilation and an adjustable strap for a perfect fit on both the helmet and face.

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M-8 Oiling Systems

These Feuling HP+ and RACE SERIES oiling system kits for M-8 engines include Feuling's 7075 billet aluminum High Flow camplates - "designed to be 50% harder and stronger than the factory or Feuling OE+ equivalents."

Feuling CEO Luke Leatherman says: "We increase oil flow and volume by enlarging the oil pump reservoirs and critical oil passages, including matching the oil port holes throughout the camplate to the port holes in the engine case - this increases engine oil flow to the lifters, piston cooling jets, crankshaft and rod bearings."

Backed by a no-charge extendable one-year warranty, these kits deliver 27% more pressure and scavenge volume over stock, 42% more scavenge volume through port sizing, matched passages and holes to the engine case and 68% more oil volume to the crankshaft and connecting rod bearing.

"They are proven to cool engine temperatures by 15-25 degrees cooler and reduce oil temperatures by between 15-30 degrees with 10-30 more PSI of oil pressure." Optional Feuling X ARP bolt kits are available for the High Flow and HP+ or RS oil pump combo.



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Primo Brute 3 Replacement Primary Belts



Belt Drive Limited's 138-175 primary drive belt is a direct replacement for the hard to find belt used in Primo's Brute 3 drive system. This 138-tooth by 1-3/4" (8 mm) wide primary belt features a unique performance aramid fiber composition for the "ultimate in durability, strength and longevity." Belt Drives Ltd, USA, www.belt drives.com

Coastal Moto 2023 Additions



Largo chrome, rear

Brand new for 2023, Coastal Moto has announced that its popular Largo 3D wheel design is now available with matching rears for Harley Tri-Glides, Freewheelers and the brand new Road Glide 3. "Our 18x7 rears in chrome or black cut are in stock now. "Also new for 2023 are our precision-cast Marlin 3D bronze front and rears for 2000 - 2023 Touring models. Offered for ABS or non-ABS models, with or without factory TPMS (Tire Pressure Monitoring System) compatibility."

Options include polished rotors (11.5" for 2000-2007 or 11.8" for 2008-2022), wheel only with choice of Dunlop American Eagle, Michelin Commander or Metzeler ME888 tires. They are available exclusively through Drag Specialties.

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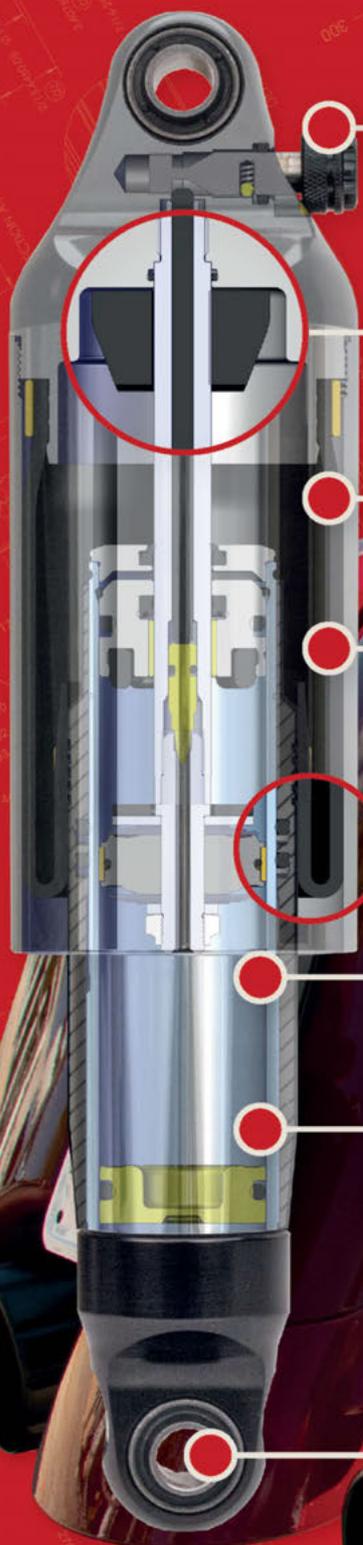
Largo black cut, rear



Marlin 3D bronze, front

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Drag Specialties Additions

Switch Housing Kit



Designed for use with OEM-style switches and wiring, these die-cast aluminum switch housing kits have a chrome finish and radiused edges for added style. They are available for '11-'22 Softails (except models with cruise control), '12-'17 FXD/FXDWG and '14-'22 XL models.

Quick Connect Braided Upper Clutch Cables



These quick connect upper braided cables quickly and efficiently replace the OE upper clutch cable, connecting to the OE lower clutch cable section to significantly reduce installation time - there is no need to drain the transmission fluid. The cables also come pre-lubricated for smooth, consistent, long-lasting action.

The design meets or exceeds the OE specifications, and the OE cable cover and housing can be re-used. Available with stainless steel, black/chrome or black/black cable housing and fittings in stock or alternate cable lengths for '21-'22 FL Touring models and '18-'22 Softails with a cable-operated clutch.

Predator III Slip Stop Seats

Drag Specialties Predator III Slip Stop seats have driver and passenger area coverage with Slip Stop, a resilient performance textile designed with gripping qualities to help reduce slippage and keep you feeling stable. The seats are made from molded, flexible urethane foam with a 3/16" ABS



thermoformed seat base for a perfect fit.

The seats are designed with a narrower width up front for better leg clearance and a contoured seating area for maximum comfort. Available for '08-'22 FLHT/FLHR/FLHRC/FLTR/FLHX/FLHTC/FLHTCU models; for '18-'22 LHC/FLHCS/FLSL/FLDE/FXBB/FXBBS and '06-'17 FXD/FXDB/FXDC/FXDL/FXDF/FXDWG and '12-'16 FLD.

Brake Pedal



This steel 9 5/8" pedal sports a smooth chrome finish to accentuate the style of your bike. It accepts the stock pad and allows for a secure connection between you and your braking system. This pedal replaces the OEM part number 42407-08. It fits the '08-'13 FLHT/FLHR/FLHX and FLTR models.

Sportster Battery Cable Kit



Designed to increase the starter performance of bikes by supplying maximum battery current to the starter motor, this Drag Specialties battery cable kit contains all the cables needed to replace OEM cables. The black 4-gauge cables are manufactured with pure electrolytic-grade 36-gauge tinned copper strands for maximum current transfer and superior flexibility. All cables have 1/4" and 5/16" terminals. They are available for '14-'22 XL models.



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NAMZ Racing Division - "Go Fast Kit"

Oreland, Pennsylvania based NAMZ Custom Cycle Products' (NCCP) CEO Jeff Zielinski says: "If you want to add simple fuel injection to a Twin Cam using a TBW throttle body, or you have a race-ready M-8 and want to ditch the CAN bus BCM, then our N-EFI-01 makes it really easy to customize your ride or bring an old custom into today's technology."

In 2022, NAMZ released a stand-alone Twin Cam EFI harness kit which includes a complete in-house designed and manufactured EFI harness and a proprietary twist grip sensor and ECM made exclusively for it by Thundermax.

However, now released from its Racing Division, Jeff says that "if you have an M-8 that you want to wake up or you're building a custom, we have the perfect 'go fast' kit (N-EFI-02) designed specifically for the job. The harness is virtually plug-n-play as it only has



four wires to connect once installed - one for the run/stop switch, one for the fuel pump, one for 12+ battery power and one for the 12- ground.

"All of the connectors are installed, and wire lengths are predetermined for an easy installation. Our twist grip functions just like the factory version, though our first release didn't cancel cruise control, and that has

since been corrected.

"Lastly, the ECM is a one-connector, plug-n-play module that is easily tunable using Thundermax's proprietary software and included cable. This EFI kit comes with the wiring harness, twist grip assembly, Thundermax ECM (with instructions), long-length O2 sensors and computer programming cable.

"The kit is really easy to install and works flawlessly. If racing is more your speed, we also offer an M-8 version of this kit, which also eliminates the need for Harley's troublesome CAN bus and BCM system found on ALL 2014-up Big Twin motorcycles."

Jeff says that he is proud to be able to use the respected NAMZ brand to sponsor individual racers and race teams for the BRL or King Of The Baggers racing series as well. "Our racing program is simple and it's easy to get signed up, send an email to marketing@namzccp.com and someone will reach out to you right away.

"These EFI kits are ONLY available direct or from select dealers worldwide, but are not available for sale in California."

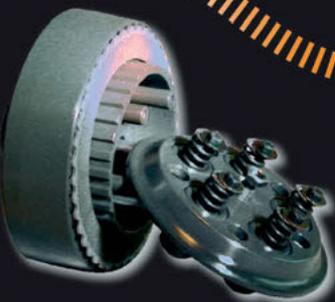


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USB-C is Upon Us - OptiMate is Ready

USB-C has now been mandated in Europe to be the single communication and charging connector for all phones and other communication-ready devices.

TecMate has taken note of this and designed a new range of OptiMate USB chargers with USB-C ports to enable charging of all USB-C ready devices.

"All OptiMate USB chargers have a unique feature that protects the vehicle's battery that it is drawing power from - the OptiMate USB charger senses when the vehicle's engine is turned off and will turn itself off within one hour.

"So, if a rider has stopped somewhere scenic to admire the view, and they need to also charge their phone or camera or Bluetooth-ready helmet, the OptiMate USB charger remains on for an hour before it goes to standby mode. That prevents even the smallest lithium battery from totally discharging, leaving sufficient power to start up the vehicle and ride on."

The OptiMate USB O-118 is the **first USB-C ready charger**, delivering 3.3 amps of fast charge through a single port. The case is fully sealed and ready to be permanently installed on the motorcycle.

The USB-C port is fully protected against ingress of dirt and water, a sealing plug ensures nothing enters when the vehicle is parked, and a USB-C charger cord



OptiMate

plugged in the innovative rubber sheath seals against the inserted USB-C connector.

"The USB-C port is equipped with zip-tie loops for easy mounting where you need to charge your device; attach it to a clutch/brake cable, handlebar or any available strut. A fused battery lead with M6 (1/4") rings completes connection directly to the battery."

During 2023, **more** OptiMate USB chargers with dual port USB-A and USB-C will be released. In the

meantime, the current range of USB-A ready chargers are also available to keep riders charged and communicating.

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Variable Pressure Clutch for M-8 and Select TC Baggers

Described as "the only Variable Pressure (VP) clutch you'll ever need for your M-8 and select Twin Cam Baggers," the V2 Series is the latest addition to AIM Corp.'s SDR line-up, with two options for any rider.

"Immense clamping force, extensive high torque capacity (up to 200HP/TQ) and easy installation make this Made in the USA assist

The SDR V2 'Max' is for "extreme output" - up to 170+ HP/TQ, and up to 200+ using AIM performance springs.

"When we say our VP-SDR V2 'Max' was for the power enthusiasts, we mean every word. With the large increase in clamping force comes harder clutch disengagement at higher rpm. Add our new clutch solid adapters for the must-have add-on to eliminate flexing at the pressure plate, offering smoother power shifting. Available for both cable and hydraulic."

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'Light'



'Max'

and slipper (A&S) clutch for M-8 and select Twin Cam models the ultimate solution for all diehard high-performance enthusiasts." The SDR V2 'Light' gives riders "definitive performance, setting a benchmark in street clutch performance" of up to 140+ HP/TQ and up to 50% clamping force over stock."



Coil spring kits come with three springs and six shims that will handle over 150 ft-lbs of torque when used with AIM VP-SDR units.



Hydraulic pressure plate solid adapter with angular ball bearing - a cable version is also available.



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SOFTAIL KIT SHOWN

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BURLY BRAWLER KITS



Get ready to rumble with our Burly Brawler Kits. Crafted with top-grade steel and outfitted with interchangeable Delrin sliders. A knurled section on the front bar gives you a secure grip, while the sleek black powder coating adds a touch of bold attitude. Sportster, Dyna & Softail Kits include Rear Sliders. Touring Kit includes Rear Bag Protectors. Sportster, Dyna & Softail: \$499.95 / Touring \$899.95

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Burly Brawler Kits

Cerritos, California based Burly Brand has announced a new line of Brawler Kits - "bringing style and protection to the new generation of riders" - for Sportster, Dyna, M-8 Softail and Touring models. Brand Specialist Josh Rowlands says: "From drifting and rolling burnouts to poppin' wheelies and hitting 12 o'clock, there's a new generation of riders on the scene, and they're here to stay! Whether it's the timeless appeal of classic designs or the latest cutting-edge trends, the world of motorcycling has no shortage of riders pushing the limits. "It's a way of life and only the toughest survive. From the streets to the highways, riders know that it's not just about looking good, it's about having gear that can keep up with the rider's wild and untamed spirit. "That's where Burly Brawler Kits come into play.



Designed to take serious abuse and keep the rider's Harley looking and performing at its finest, these kits are the ultimate choice for riders who demand the very best. The ones who live for the rush and won't settle for anything less.

"Whether new to the game or a seasoned pro stunter, we've designed our Brawler Kits with the highest quality steel - featuring replaceable Delrin sliders, a knurled area on the front bar and finished off with a sleek black powder-coat finish for a look that kills and a quality that defends the bike in the event of a wipeout."

The Burly Brawler Kits are TIG-welded for maximum durability and come with 1/2"-13 socket head cap screw hardware included. With its 7-gauge mild steel mount/gussets, riders can trust that their motorcycle is protected with the best quality materials.

To provide riders with additional security and peace of mind, shock-mount sliders come included in the kits for Sportster, Dyna and M-8 Softail. For Touring models, the kit features protective bars both for the front and the rear bags, ensuring comprehensive protection.

"With our Burly Brawler Kits, we aim to bring the ultimate combination of style and protection to the new wave of riders in the motorcycle industry. The sleek design and durable construction of these



Brawler Kits make them a must-have for any stunter looking to enhance the look of their motorcycle while keeping it protected."

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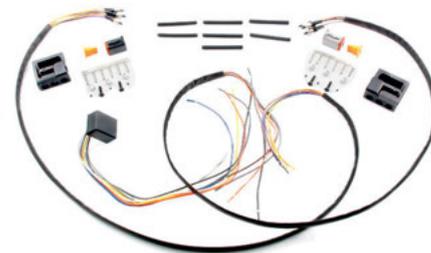
Custom Wiring Harness for GMA Controls

GMA, a member of the Belt Drives Limited family of companies, is now offering a complete handlebar wiring harness



designed exclusively for the popular GMA hand controls. Available with or without the custom replacement switch housings, kits include 48" long OEM color-coded wires that are pre-soldered to the micro barrel switch buttons.

Wires are encased in a protective, glue-impregnated shrink tube at the buttons to ensure secure connections while pulling wires through the bars. Additional lengths of shrink tube are included along with pin connectors. Deutsch six-pin connector housings and a small brain box ensure flawless operation. Each kit comes with an easy-to-follow, simplified wiring schematic.



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GNX 4.5" Twin Cam Touring Slip-Ons

S&S Cycle launched its GNX slip-on mufflers a few seasons ago for M-8 touring bikes but now, in response to demand, it has added a Twin Cam



fitment to the GNX line. S&S says GNX slip-ons are the cure for "plugged up pipes and are designed specifically to let the engine roar the true sounds of freedom. Quite the statement, good thing we back it up with a stainless steel louvered baffle that is specifically tuned for big flow and even bigger sound.

"Much like all of the S&S exhaust line, the GNX slip-ons also include a dB reducer that lets you tune sound and performance." Available in black or chrome.

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Legal Exhausts in Europe from CCE

It is hard to believe, but it was 27 years ago, 1996, that regulators from the European Union attended an aftermarket meeting (at what was to be the last ever IFMA Expo at Cologne) to address concerns that the then new noise regulations in the first ever European Motorcycle Multi-Directive would likely kill off the European aftermarket exhaust industry. Fast forward, and far from being an extinction level event, the ongoing program of ever tightening noise and (subsequently) emissions regulations have triggered unprecedented growth in the sector. Growth that has resulted in at least a doubling of the number of aftermarket exhaust brands being made and sold in Europe. With that growth has come an unprecedented improvement in the quality, performance, reliability, durability and, yes,

V-Performance



Revtech



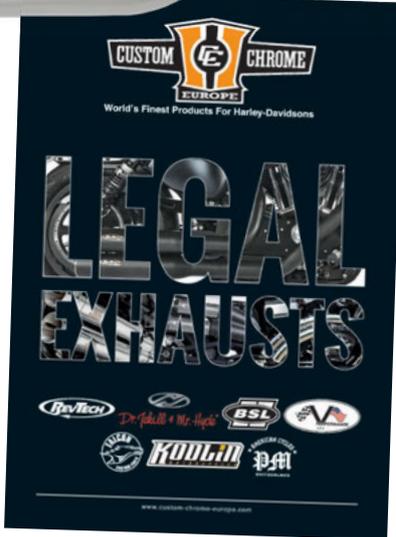
Kodlin

environmentally responsible nature of the exhaust products consumers can choose from.

For 2023, Custom Chrome Europe has stepped up to present a specialist and specific catalog to guide dealers and their customers through the vast range of street legal options it has available at its HQ warehouse in Germany.

"In times of increased controls affecting the huge number of exhaust systems on the market for Harley-Davidson, Indian and Victory model applications, it is becoming increasingly important to install legal systems.

"Simultaneously, the choice facing consumers - the myriad of styles and the claims made about performance and applications - can be confusing. So, our new Street 'Legal' Exhausts catalog for riders in



Europe will be a vital guide to the wide range of options available to them.

"In this catalog, Custom Chrome Europe has summarized all the legal exhaust systems that can currently be purchased through the CCE dealer network in Europe.

"The range includes brand new systems from RevTech, Dr. Jekill & Mr. Hyde, V-Performance in Italy, BSL in Austria, Falcon and Fred Kodlin from Germany, and PM Performance.

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www.custom-chrome-europe.com



Cult-Werk Sportster Frame Seat

Custom parts and accessory specialist Cult-Werk (MEC Engineering GmbH, Aigen, Austria) has this new frame seat design for Sportsters. "Precision-fabricated, it fits perfectly and adds bucketloads of old school cool to an area of the Sportster's design that is otherwise dominated by a stock seat that unbalances the overall design of the stock bike." Cult-Werk, Austria, www.cult-werk.com



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EXFIL-18 - Ergonomic and Universal Utility

California based helmets and accessory specialist Biltwell's EXFIL soft luggage line has been a 'hit' with riders for years, and its EXFIL-18 saddlebags are now back in stock.

Known as a rugged, durable and ergonomic solution for those who ride hard, co-founder Bill Bryant told AMD recently: "We've taken the knowledge gained from years of designing and abusing rider-oriented luggage and poured it into two all-new saddlebag designs."

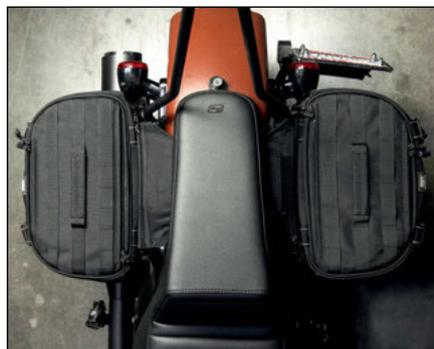
"Now, hauling a full camping set-up or daily commuting kit is a lot more convenient, durable and attractive."

Biltwell's EXFIL-18 saddlebags are visually similar to the EXFIL-7 design they replaced because the versatility of the original design "set a standard" for universal design and all-round service right out of the gate.

Looking good on just about any bike, the EXFIL-18 clears most turn signals and can be zipped off without removing the mounting yoke. Fully supported by compression straps and surrounded by MOLLE, "this thing is ready to rock," says Bill.

"EXFIL-18 is packed with rider-oriented features like a low-key zipper pocket that's accessible without even getting off the bike, flo-orange interior so you can see your stuff, hidden cord pass-thrus and a fitted rain cover for each side."

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Comp Master Clutch for 2017 - Present M-8 Models



American Prime Manufacturing has introduced a new Comp Master severe duty M-8 clutch with options for 2017 - 2021 models with OE hydraulically actuated clutch and 2021 to present M-8 models with the cable-actuated clutch. A simple bolt-in that directly replaces the stock OE clutch, it is built to handle large amounts of torque. It will be available from inventory in spring 2023.
 American Prime Manufacturing, US,
www.americanprimemfginc.com

Ultima Shovelhead Style 96 ci Engines with 3-Piece Crank

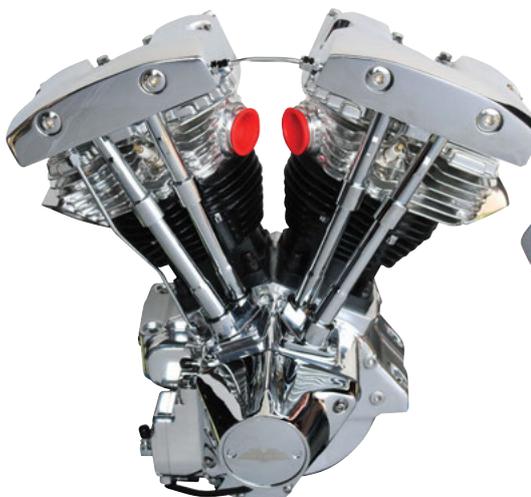
Ultima Products' 96 ci Shovelhead style engines "offer modern technology in a retro design package for those looking for a superior motor at a realistic price."

Developed in-house by Ultima's own R&D and production engineers, features include dual plug, heads, compression releases, a 3-bolt exhaust manifold, 3-piece crank assembly and ignition module.

They have a 3.625" bore and 4.625" stroke, forged dome piston, 9.5:1 compression ratio, 0.450" lift/256 duration camshafts,

chrome rocker boxes, a '92 and later style S.V. billet oil pump, chrome tappet blocks and single-fire ignition.

Ultima also offers pavement-eating 140 ci 'El Bruto' Competition Series Evolution style engines and 124 ci Competition Series Twin Cam style replacements.



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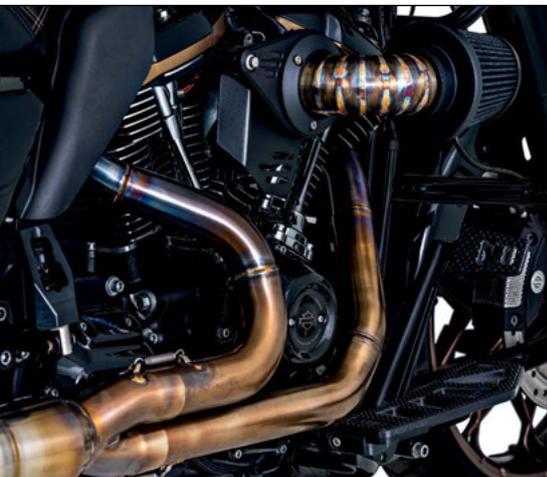
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V&H 90-Degree Stainless Steel Air Intake



Vance & Hines has announced the VO2 Falcon Stainless, a limited production, hand-welded, 90-degree stainless steel air intake, inspired by the handmade exhaust systems that are common on the top professional and street race bikes. The intake fits all Milwaukee-8-powered Harley-Davidson motorcycles from 117 ci motors down to 107 ci, except those with fairing lowers. The VO2 Falcon Stainless is manufactured by Vance & Hines welders in Santa Fe Springs using high grade, 304 stainless steel tube and hand TIG-welded from pie-cut segments. The process yields a striking array of color and pairs perfectly with a stainless steel 2-1 exhaust system - such as the Vance & Hines Hi-Output RR.



The system includes a precision CNC-machined, billet aluminum winged mounting plate and an integrated breather assembly. It features the same slant-nosed, high-volume oil-media air filter that is used across the VO2 Falcon line-up. "High performance baggers, inspired by King Of The Baggers and BRL, are the hottest Harley customizing trend around the world," said Mike Kennedy, President of Vance & Hines. "This new limited-production product not only delivers great air flow, but is the finishing touch to a great looking, go-fast bagger."

VANCE & HINES
 Santa Fe Springs, California, USA
 Tel: 562 921 7461
sales@vanceandhines.com
www.vanceandhines.com

M-8 Dual Spring Rocker Shim Conversion System

The innovative design of these new rocker shim conversion system kits (for dual spring applications) from Pacifica, California based Kibblewhite Precision Machining (KPMI) add a 0.95 mm hardened steel shim between the valve tip and rocker arm to increase the allowable rocker wipe area for maximum valve lift (up to 0.675" valve lift compatibility).

Offered with either titanium or H.T. steel retainers, the kits include heavy duty 9° H.T. steel keepers, 0.95 mm steel shim, red Viton seals and utilize a dual spring system and a lightweight retainer that houses a standard Ø9.5 mm hardened steel shim.

The rocker arm rides directly on the shim surface. The significant increase in the allowable rocker wipe area created by the 9.5 mm diameter provides the ability to utilize larger lift cams - cams that were previously unable to run on a 6 mm valve stem.



The adjustable system allows for at least 0.060" of spring shims, tailoring the pressures and lift capacity to meet the engine builder's needs. The rocker shim thickness can be varied to adjust effective stem protrusion.

The performance engineers at KPMI strongly recommend running titanium valves for maximum performance when larger camshafts are used (and valvetrain acceleration values increase) and advise shortening the valve stem tip ("tipping").

There will be an anticipated increase in effective stem protrusion of approximately 0.100" with the use of the shim and the system must be run with KPMI's newer style M-8 valve guides, which are shortened for 0.675" valve lift.

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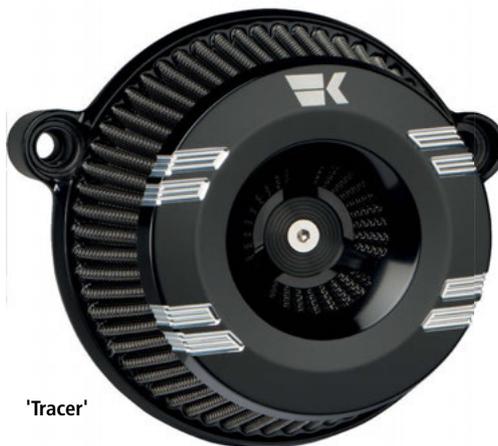
'Instigator' Air Cleaner Series

Lincoln, Nebraska headquartered Khrome Werks has announced its 'Instigator' air cleaner series, said to have been "inspired by two of our most popular tip designs - the Tracer and the Klassic."

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



'Klassic'



'Tracer'

can (M-8 models only). They are available for M-8 and Twin Cam Touring models.

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'Independence' Staggered Duals



Corona, California based Freedom Performance has announced new 'Independence' staggered duals as a "great way to get your Softail the attention it deserves. The staggered design delivers a rich, deep sound that's not too loud, but definitely gets people looking at you.

"These exhausts for H-D Softails are available with slash and straight cut end caps. Handmade from U.S. steel, they come with removable baffles for when you want a louder sound on the highway. But if that's too loud for your neighbors, we also offer quiet baffles." These exhausts ship with O2 ports and plugs included, along with full coverage shields. They are offered in show chrome and black ceramic coating,



complete with mounting hardware and brackets. Straight or slash end caps available in show chrome and ceramic finishes that include Sculpted Black, Pitch Black, Sculpted Gold and Solid Gold finish.

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Mr. Yaffe Goes to Town - on a Softail ST

We are all aware of Paul Yaffe's long-time contributions to the styling trends of the H-D aftermarket and certainly his efforts creating Paul Yaffe's Bagger Nation and the excitement his designs have brought to the touring platform.

Well, recently Mr. Yaffe acquired one of H-D's Softail ST models and immediately set to work in his Phoenix, Arizona workshops converting 'Good' to 'Excellent'.

Paul Yaffe Originals has introduced no less than ten new products specifically designed for the Motor Company's new Softail ST platform - aimed at lending an aggressive custom makeover to H-D's newest model. All of PYO's new designs are direct bolt-on replacement parts for modification-free, fully reversible, super easy and, only a matter of weeks after the launch of the ST, already available from inventory now. Using the OEM hardware in most cases, the

options replace the mundane and obtrusive factory lighting with sleek, laser-bright, totally custom-looking alternatives. These affordable upgrades are sure to be crowd-pleasers, and we're just getting started."

[See pages 24-25 for further information](#)

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quality is described as second to none for a durable and robust precision fit. Yaffe states that simply by changing out the fenders, console and adding a chin spoiler, the entire profile of the bike begins to take on a very custom stance.

"Our custom C.O.B. (Chip On Board) lighting



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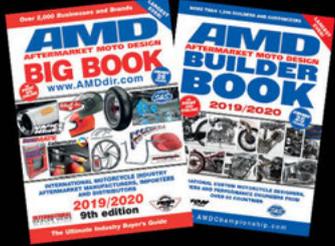
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NEWS BRIEFS

Co-owners Al Rieman and Jim Burgess have sold Rapid City, South Dakota based Black Hills Harley-Davidson to Charlotte, North Carolina's Sonic Automotive - the fifth largest automotive retailer in the United States (as measured by total revenues). Sonic now has 13 properties in its new powersports division, having acquired Mancuso Powersports in Houston and Horny Toad H-D of Temple, Texas, last year. Select Sonic properties sell a wide mix of brands such as Can-Am, Sea-Doo, Polaris, Kawasaki and Suzuki, through to Ducati, BMW, Honda, Indian Motorcycle and Yamaha.

Andreas Reibchen, Stephan Kaminski and Peter Eul, the managing directors of H-D Bielefeld, Düsseldorf and Osnabrück, will be adding a fourth H-D store to their network with the opening of the 3,000 sq m (approx. 30,000 sq ft) Harley-Davidson Köln-Bonn showroom, workshops and events facility at Wesseling, Germany, in April; www.hd-koelnbonn.de

With partners such as National Cycle and Mike Corbin, Eugene, Oregon based Arcimoto has announced that it has started production of its 2023 FUV and Deliverator electric vehicles, with first deliveries slated for March 2023.

Polaris has approved a 2% increase in the regular quarterly cash dividend, its 28th consecutive year of dividend increases. This raises the payout to \$0.65 per share. It is effective with the 2023 first quarter dividend, payable on March 15, 2023 to shareholders of record at the close of business on March 1, 2023.

Harley-Davidson MY2023



The H-D MY2023 announcement introduced limited-edition anniversary models, plus four new motorcycles.

"A year-long celebration of 120 years of Harley-Davidson pride and craftsmanship was launched with the introduction of the first release of new models in the 2023 Harley-Davidson motorcycle lineup, including the CVO Road Glide Limited Anniversary model and six additional limited-edition motorcycles featuring exclusive 120th Anniversary commemorative paint, finishes and details.

"The 2023 offering includes a refreshed Breakout performance cruiser model, the exciting Road Glide 3 trike model, the new Nightster Special middleweight sport motorcycle, and a restyled and blacked-out Freewheeler trike model.

120th Anniversary Models

"The very limited-edition, super-premium CVO Road Glide Limited Anniversary model celebrates 120 years of craftsmanship with one of the most intricate paint schemes ever offered by Harley-Davidson. Additional details include luxurious Alcantara seat surfaces with gold and red contrast stitching accents, gold-tone powertrain inserts and bright red rocker boxes and pushrod tube collars. Only 1,500 examples of this motorcycle will be produced for global distribution, each serialized with a

laser-etched panel on the fuel tank console.

"Special 120th Anniversary paint in a different scheme will be offered on six additional limited-production Harley-Davidson models, with color and design combinations inspired by early Harley-Davidson motorcycles. This commemorative design will be offered on the following serialized models:

- Ultra Limited Anniversary (production limited to 1,300 examples globally)
- Tri Glide Ultra Anniversary (1,100)
- Street Glide Special Anniversary (1,600)
- Road Glide Special Anniversary (1,600)
- Fat Boy 114 Anniversary (3,000)
- Heritage Classic 114 Anniversary (1,700)"



Breakout is Back

"The Breakout model returns to the North America model line, flexing more muscle and flashing bright new styling over its long-and-lean chopper profile. The muscle is provided by the Milwaukee-Eight 117 V-Twin engine, the pinnacle of torque and displacement in a factory-installed, regular-production H-D powertrain

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