

**NOW  
IN OUR  
31st!  
YEAR**

# AAMD<sup>TM</sup>

## AFTERMARKET MOTO DESIGN

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

### H-D Announces Plans for a Community Park to Benefit its Employees and the Milwaukee Community

Partnering with the Harley-Davidson Foundation, acclaimed British designer Thomas Heatherwick and his studio (of London 2012 Olympic Cauldron fame) have been hired to reimagine land on Harley-Davidson's Juneau Avenue campus headquarters to benefit employees, the people of Milwaukee and visitors to the city. It is hoped that the project will also attract people to Milwaukee's Near West Side.

Overseeing the overall creative delivery of the project, internationally acclaimed designers Heatherwick Studio [who number Harley Chairman, CEO and President Jochen Zeitz among their client list], have been commissioned to conceive an original design that will transform the concrete site into a civic and soulful green gathering space that can be used by everyone, including employees and the local community.

"Milwaukee is the place we have proudly called home for 120 years," said Zeitz. "We want Harley-

Davidson's presence in Milwaukee to be more relevant than ever before, for our community, employees and our customers.

"It's important to us to protect and enhance this part of our heritage in a way that is aligned to our strategy, ensuring that it will be relevant to



generations to come. Kicking the project off in our 120th year underscores both the importance of the project and the commitment that we are making to Milwaukee. We are very proud by the work of the Harley-Davidson Foundation in spearheading this project, which builds on the \$30m donated by the Motor Company to the

Foundation since 2020."

The initial development will be overseen and funded by The Harley-Davidson Foundation, with longer-term sponsorship and donor opportunities to further enhance the project being made available in the near future.

Over the past 18 months, the Foundation brought together a broad set of stakeholders - including members of the community - to expand a shared, long-term vision for the Near West Side and set tangible priorities to accelerate progress for its neighborhood. Among the key community needs identified was greenspace. To deliver this reality, Harley-Davidson has gifted the land identified for the project directly to the Foundation. In developing the project, inputs from multiple stakeholders served as the basis for Heatherwick Studio's unique community park design.

Celebrated for internationally **Continues on page 8 >>>**

**FEB 2023**

**ISSUE #283**



**CUSTOMBIKE SHOW,  
BAD SALZUFLEN**



**Kellermann**



### Bigtwin

Winner of the Bigtwin bike show in the Netherlands, this completely handbuilt 'M00' grass track racer was built by Jordan Hicks (Solidworks) and Larry Houghton (Lamb Engineering). Read more about the show on pages 20-22 ...



# SMOOTH RIDE SERIES

Great for your first air suspension upgrade, our economical Smooth Ride Series helps riders quickly adjust the bike's ride height for stopping and parking at an unbeatable price. Optimized for each specific model, our kits provide a proven upgrade over stock shocks and are far superior in quality and safety compared to other discount kits on the market.



## TOP REASONS

YOU NEED ARNOTT ADJUSTABLE AIR ON YOUR BIKE



DESIGNED FOR MOTORCYCLES



REDUCED PAINFUL BOTTOMING



RIGOROUSLY TESTED

**ELEVATE YOUR RIDE.®**  
arnottcycles.com



**Arnott**  
Motorcycle Suspension

**EDITOR-IN-CHIEF**

ROBIN BRADLEY  
robin@dealer-world.com

**GENERAL MANAGER**

SARA VINEY  
sara@dealer-world.com

**DESIGN & PRODUCTION DIRECTOR**

BEN OAG  
ben@dealer-world.com

**PUBLISHER**

SONJA WALLACE  
sonja@dealer-world.com

**PHOTOGRAPHERS**

ONNO WIERINGA  
MADNESS PHOTOGRAPHY, NL  
www.madnessphotography.eu

FRANK SANDER  
THUNDER MEDIA, DE  
www.thunder-media-service.de

**TOLL FREE... FROM USA/ CANADA:**

TEL: 1-866 849 5704

FAX: 1-866 521 0099

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

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

TEL: 0044 (0)1892 511516

FAX: 0044 (0)1892 511517

OFFICIAL MEMBER



MOTORCYCLE INDUSTRY COUNCIL

**DISCLAIMERS**

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

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

**POST MASTER**

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

PRINT BY WARNERS MIDLANDS  
BOURNE, LINCOLNSHIRE, GB

**ISSN 1465-7627**



**COMMENT - Diversify Or Die - Make That Sale! ..... 4**

Robin Bradley picks up on his January theme about AIMExpo appearing to 'Have The Big Mo' and runs all the way back to 1950s Bobbers and Easy Rider movie salvage yard custom builds. His basic thinking is that the inability of AIMExpo to attract custom market exhibitors and dealers doesn't mean that custom shop owners have no reason to visit the show.



**CUSTOMBIKE SHOW - Back in Business ..... 24-33**

The past three years have been a rocky journey for Germany's leading custom bike show. The pandemic, the bankruptcy of show owner and magazine publisher Huber Verlag, and the not always commercially sensitive German health authority regulatory landscape haven't made it easy - but 'Bad Salzuflen' is back and proud! Horst 'Motographer' Roesler reports.



**KTM - Pierer takes stake in MV Agusta ..... 14**

KTM owner Stefan Pierer's ambition appears to know no bounds. Having successfully added both Husqvarna and GasGas, to say nothing of his burgeoning e-bike portfolio, the latest news is of his PIERER Mobility taking a 25.1% stake in former Harley subsidiary MV Agusta - we doubt it will end there though!



**EuroSTATS - OE results are good, but recession beckons for UK and Germany ..... 8,12,18,64**

The provisional 2022 full-year results from Ducati, KTM Group and BMW show the three leading European motorcycle manufacturers posting good results for 2022. However, while Spain and (especially) Italy look 'robust' for now, the trend data show Germany and the UK already in recession in new unit registration terms.



**BIGTWIN EXPO - The Netherlands, November 2022 ..... 20-22**

One of Europe's most respected custom bike shows continues to 'keep the flame alive', producing another stunning selection of great bikes in 2022 - from traditional to leading edge design, hippies to hipsters. Oh, and a strip show of course! Onno 'Madness Photography' Wieringa reports.

**AMD PRO GUIDE**

**Custom WEEK**  
**INDUSTRY NEWS**

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

**Direct to your inbox**

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

# Diversify or Die - Make That Sale!

**Writing this less than a week before flying out to Louisville for the Drag Specialties and Parts Unlimited 2023 NVP Product Expo (God Bless Muhammad Ali!), it looks like my remarks about AIMExpo (Las Vegas, February 15-17) in AMD January ("Does AIMExpo Have The 'Big Mo' ") have proven prescient.**

Having been impressed that the show had managed to bring Suzuki and Triumph in, and then been able to announce the addition of Kawasaki, the latest news sees the addition of Yamaha and an often overlooked and little known (in American terms certainly) but once premium Italian brand (one of many Chinese owned comebacks) called Moto Morini. It is making (and selling) some very nice bikes since being acquired and relaunched by ZhongNeng in 2018 and is about to re-enter the U.S. market for the first time in at least 30 years. Some cool dealer opportunities there!

With the show less than five weeks away, it looks like the organizers have done well in terms of booth bookings and advance registrations.

Of course, it is rare that such statements of intent ever fully materialize as attendance, and the show is still not showing any intent (or ability) of its own to "Speak Custom" - so there's a whole slab of potential attendance they are missing out on right there.

However, increased intent is better than nobody caring, whichever segments of the market are concerned, and living, as we do, in times in which even the most traditional of custom shops cannot afford to ignore the additional and new business opportunities in their postcodes, the time of the purist custom expo are probably now more a statement of how we got here, rather than where we are necessarily going. Very, very regular readers of a decade or more pedigree may well recall that even in the heyday of specialty shows such as the V-twin Expo, I was still always an advocate of custom shop owners availing themselves of any opportunity to see what was going on elsewhere in the market.

Whilst I do not subscribe to the 'Chocolate by the Checkout' and 'Beer by the Diapers' schools of thought that any sale is a good sale, I have always believed strongly in exploiting 'adjacent opportunities' where they present themselves, boost showroom footfall and enhance the local customer's experience.

While the AIMExpo show floorplan may look well populated, it is still far from the high relevance, fully rammed, fully paid layout that organizers and industry alike will be hoping for in years to come - though that presupposes that we are likely to see that kind of trade show phenomena ever again.

The V-Twin Expo at Cincinnati and Dealer Expo at Indianapolis were products of their times, and with LeMans doing such a good job with its NVP Product Shows (Madison and Louisville), the lens of the past is not one through which we can judge the present and likely direction of travel for the future in many matters or undertakings, let alone the classic 'Trade Show' concept and orthodox business model that birthed them.

As Michael Lichter points out elsewhere in this edition, referencing the morphing of his annual 'Motorcycles as Art' exhibition at the Sturgis Buffalo Chip, the times certainly are a-changin'.

Returning to another subject that has been discussed in this column in recent months, I want to express my thanks to the builders who make the custom motorcycle industry what it is, and specifically thank them for their responses to the news (December

2022) that we have decided to close down the AMD World Championship of Custom Bike Building.

It too can be seen as a 'child of its times', but that spectacularly succeeded in its dual aims of bringing honesty and gravitas back to the custom show scene and bringing staging qualities to a top ticket sector of the motorcycle industry that had spent decades suffering prejudice and misunderstanding.

Though I say so myself (I can, because hundreds of others have done so too), the 'AMD' focus on craftsmanship and innovation, design and engineering quality, and a showcase quality that did justice to the genius and price-points in the custom market, did much to turn perceptions on their head just at a time when, as now, the entire status and role of the custom market was changing.

What we are seeing now is that the tribal borders between traditional air-cooled V-twins and all or any other platforms are, ironically, paradoxically, returning to where they were when what we now know as the custom market enjoyed its 'Big Bang' moment.

With some justification, that moment can be traced back to the Post WWII returnees, the strip it down, keep it simple Bobber riders of the late Forties and Fifties. In the absence of many other readily available choices in the United States, air-cooled V-twins were, of course, the lingua franca of custom build and modification opportunity.

For me though, the ignition moment came with the Easy Rider generation building whatever they could from the local salvage yard - if a featherbed frame and Brit or early CB lump 'got it done' then great, 'have at it man' was the vibe. There was no tribal monoculture shaping custom bike building initially at all, and these were the days when brakes and electric starters were for pussies!

But that soon changed, just as everything does. The debt of thanks that we all owe to the likes of Arlen Ness, Dave Perewitz, Donnie Smith, John Reed and countless others of that Golden Era cannot be understated - the friendship and competitive instincts that they and dozens (hundreds even) of other 'fellow travellers' has had a profound impact on shaping an industry and setting trends in motion that still do influence the custom market to this day.

But the process they set 'in-play', of accepting all and showing that all customizing is good customizing (well, kinda - you know what I mean, I'm sure you get what I'm driving at!), is exactly what is at the beating heart of the changes and diverse opportunities that the custom sector is able to embrace now. We don't have to throw away what we have, but we sure as heck can add to it!

If it's good enough for Harley to sell Adventure Tourers, then don't let it be someone else's store that sells that local suburban family the electric powered two-wheeler that they fancy. Make the sale!

“ an opportunity to see different ”

**Robin Bradley**  
Co-owner/Editor-in-Chief  
[robin@dealer-world.com](mailto:robin@dealer-world.com)



The Power you need...

## PLUG AND PLAY SOLUTION



- Ready to use
- Superior capacity
- Maximum vibration resistance
- Reinforced casing
- 90° mounting angle



# POWER TO THE PEOPLE



## GNX SLIP-ONS!



Available in  
Black or Chrome



## NOW AVAILABLE FOR 1995-2016 HD® TOURING MODELS

Whether it be the HD Twin Cam or the M8 engine, they are both powerhouses, but a plugged up exhaust conspires to mute the true sounds of freedom that these machines were designed to roar. Not to worry, S&S created

the GNX slip-ons with one thing in mind and that's belting out the flag waving, eagle flying, song of the American v-twin. Combining a 4.5" shell with a tuned baffle and race inspired tip, the GNX lets the sound and power flow.



Made in the USA • [sscycle.com](http://sscycle.com) • [@sscycle](https://twitter.com/sscycle) • [#sscycle](https://www.instagram.com/sscycle)

DISCLAIMER: \*QUALIFIED MANUFACTURER DECLARED U.S. 50-STATE LEGAL EMISSIONS REPLACEMENT PART ON ALL MY 1995-2016 FL TOURING MODELS





# FAIRING *drop block* KIT



**BEFORE**



SCAN ME

[baggernation.com](http://baggernation.com)



**Paul Yaffe's  
Bagger  
Nation**

**FOR THE**

# **PERFORMANCE MINDED RIDER\***

**\*OR THE VERTICALLY CHALLENGED**

**YAFTER**

## **BAGGER NATION'S FAIRING DROP BLOCK-KIT!**

- DRAMATICALLY INCREASES YOUR FIELD OF VISION.
- GIVE YOUR ROAD GLIDE A TRULY CUSTOM "MUSCLE BAGGER" STANCE!
- ALLOWS YOU TO REMOVE THE UGLY STOCK FAIRING SUPPORT BRACKETS
- REMOVE THE ENGINE GUARD IF YOU CHOOSE
- EASY INSTALL, FAIRING REMOVAL NOT REQUIRED
- MADE BY ARIZONA CRAFTSMEN WHO RIDE!

- US PATENTS D786,139 S AND 9,561,831
- US PATENT 9,616,957

**ORDER NOW!**

**f**    
602.840.4205

# NEWS BRIEFS

Motorcyclists that took part in the Sturgis Buffalo Chip charity events for 2022 raised a generous \$400,000 for Veterans, charities for children and the community. The figure pushes the grand total that Sturgis Buffalo Chip has raised for charity during the Sturgis Rally to over \$2.1m. PSB.

**Japanese streetwear brand Neighborhood and Harley-Davidson are collaborating on a limited Moto Culture inspired apparel collection.**

**Neighborhood, started in 1994 in Tokyo, Japan, was originally conceived as part of founder Shinsuke Takizawa's motorcycle enthusiast interests.**

**"Neighborhood's mix of luxury construction standards and classic utilitarian and subculture aesthetics made the brand a cornerstone of modern streetwear. With shared interests in motorcycling and focus on craftsmanship, Neighborhood x Harley-Davidson is the new iconic duo."**

Marietta, GA, based Estenson Racing has announced its continued partnership with Yamaha Motor Corporation, USA (YMUS) and a talented four-rider line-up for the 2023 Progressive American Flat Track season. Multi-time road race champion JD Beach and two-time Parts Unlimited AFT Singles Champion Dallas Daniels return to fight for the title in the Mission SuperTwins Championship. Also returning with the team next year is Trevor Brunner, who will be joined by new signee Tom Drane for a two-pronged threat in the Parts Unlimited AFT Singles class.

**BMW Motorrad has posted its highest sales in the company's history with a total of 202,895 motorcycles and scooters delivered to customers - an increase of +4.4% year-on-year. "The Europe, Americas and Asia regions, in particular, all posted new sales highs and made a vital contribution to BMW Motorrad's record sales. The brand's compelling line-up, with successful products that shape its respective segments, and the market introduction of popular new models, like the fully-electric BMW CE 04, were strong factors in the successful result for 2022."**

<<< Continued from cover

acclaimed projects including Little Island, a greenspace that sits above New York's Hudson River, Heatherwick's approach leads from human experience, with its projects specifically working to enrich the lives of the people who use them.

At the heart of the park is "The Hub", a sunken multi-use events space, 83 meters (approximately 272 feet) wide with tiered seating, set among lush plants and trees. The design promotes the idea of togetherness for the community, riders and employees alike. Its circular layout is defined by a combination of motorcycle driveways and turning circles, parking bays, sidewalks, plants and seats, and 360-degree viewpoints. The Hub will be built with ten types of locally sourced brick, natural wany-edge timber, and weathered steel with a beautifully warm patina.

In one direction, the Hub will provide views of the handsome brick buildings of the original home of Harley-Davidson. In the other, visitors will see a park sown with 120 native plant species, including 20 species of trees and 100 species of perennials, some of which are sacred to the Forest County Potawatomi. There are also plans for a market street, contemplative garden and nature playground.

"Our goal is to turn this historic factory land into a new public park for the people of Milwaukee. We want to make an exciting community space where people can come together with friends and family and experience the wildness of nature alongside spaces for food, performance and play. The ambition is to highlight and celebrate renewed life in the Near West Side of this very special city," said Thomas Heatherwick.

Throughout the project, Heatherwick



will act as Design Guardian, collaborating with local firms, HGA, a Milwaukee architectural firm, and Greenfire Management Services, a Near West Side business and diverse supplier, to ensure the project realizes its potential to become an important part of the Milwaukee landscape that reflects both Harley-Davidson's values and its transformative aspirations for the community.

"This gift to the Foundation is the most recent demonstration of the company's commitment to its enduring, active community presence and Inclusive Stakeholder Management approach to business that strives to positively impact people, planet and profit," said Julie Anding, Vice President, Inclusive Stakeholder Management, Harley-Davidson, and President, Harley-Davidson Foundation.

"The Harley-Davidson Foundation is doubling down on its focus and investments to support the neighborhood to make it a place all can be proud to live in, work and visit. It is our hope that this park will become the heart of the community and catalyst for further revitalization efforts."

The community park development is

set to break ground in spring of 2023, with the park available for use by summer 2024. Established in 1993, The Harley-Davidson Foundation is the philanthropic arm of Harley-Davidson, Inc.

"The Foundation cultivates social impact through employee volunteerism, collaboration with other non-profit organizations and investments in youth programs that foster STEAM innovation and programming. Foundation priorities include a commitment to Harley's home, the Near West Side of Milwaukee, and the communities where we live and work across the globe."

Heatherwick Studio is a design team of 200 "problem solvers" dedicated to making the physical world around us better for everyone. Their recent work includes Google's new campus in Bay View, California, the multi-award-winning Little Island in New York, Coal Drops Yard in King's Cross, London, and the Zeitz Museum of Contemporary Art Africa in Cape Town. Azabudai Hills, the studio's first major Japanese project, is scheduled to open in 2023.

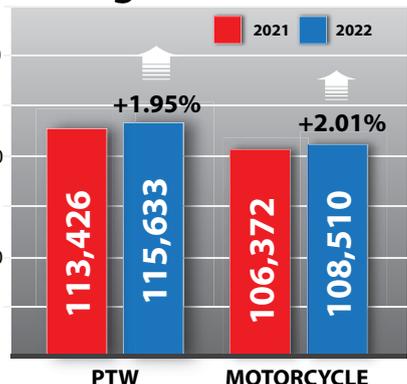
[www.heatherwick.com](http://www.heatherwick.com)  
[www.harley-davidson.com](http://www.harley-davidson.com)

## UK: Motorcycles +2.01% for 2022

The latest available data from the MCIA (the motorcycle industry trade association in the UK) show full-year UK new motorcycle registrations at +2.01% compared to 2021 at 108,510 units for the year, the highest since 2016. Given the economic circumstances in the UK, this is a good result. However, growth evaporated in the second half of 2022 with five out of the six months negative; two of those months were greater than -11% down. Based on trend, excepting for an unlikely bounce in the first half of 2023, the UK motorcycle market is

clearly already in recession, with the second half of 2022 down by almost 7%. Total new PTW registrations in the UK in 2022 were +1.95% for the full year at 115,633 units - the second-best market performance since 2009. However, the second half negative trend is baked into all sectors of the powered two-wheeler market in the UK.

### UK registrations 2022



Within that data, total scooter sales in the UK were +1.9% for the full year.

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

# HardDrive

AMERICAN V-TWIN PRODUCTS



2 0 0 + B R A N D S  
7 W A R E H O U S E S  
1000's OF AMERICAN V-TWIN PRODUCTS

[HDTWIN.COM](http://HDTWIN.COM)

NEWS BRIEFS

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

SEMA and PRI have said that despite strong Congressional backing and extraordinary support from the racing community, the 2021-2022 Congressional session ended without passage of the RPM Act. "Key negotiators in Congress could not reach an agreement on bill language that balanced the need for federal law to protect racers and motorsports parts businesses from EPA enforcement with reasonable measures to ensure that race parts are not used on vehicles driven on roads and public highways."

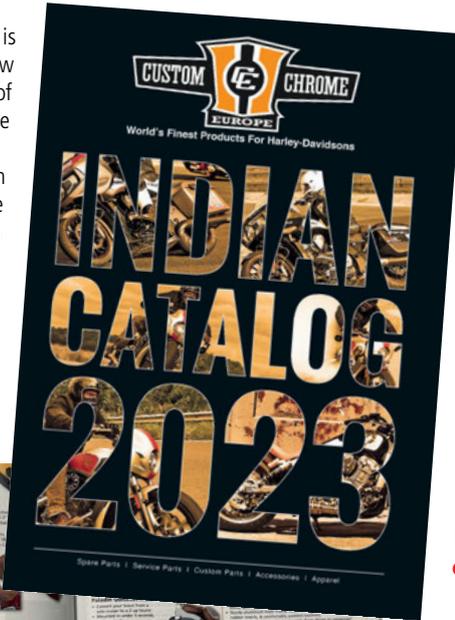
Indian Motorcycle is recalling 4,653 MY2022 Chief, Chief Bobber, Chief Bobber Darkhorse, Chief Darkhorse, Super Chief and Super Chief Limited motorcycles. The fault involves a kickstand that may not retract properly. Ouch. NHTSA Campaign Number: 22V957000.

Working in partnership with MotoGP rights holder Dorna (Madrid), Triumph is testing sustainable fuels "for a greener and cleaner future." This project has been set up to deliver a move to E40 fuel in the Moto2 World Championship by 2024, with a focus on a transition to E100 by 2027. Triumph is provider and manufacturer of the 'Spec' engine for all teams in the Moto2 series - "sustainable fuel testing to date has encompassed all dimensions of race engine performance development."

CCE - Indian "Special" Catalog

Custom Chrome Europe is launching an additional new catalog for 2023 - 108 pages of parts for Indian Motorcycle models!

Featuring over 1,500 parts in total, the steady, inexorable rise of modern-day Indian Motorcycle model customizing is now starting to have a definite impact on the aftermarket custom parts and accessory industry - especially with the introduction of the Chief 'Bobber'.



From rider equipment to service parts, and even special custom parts from established and popular manufacturers such as Arlen Ness, Kuryakyn, Cult-Werk, TXT, Highsider, Motogadget, Kellermann and many others, "all the most important parts for the 'modern Indian' models are summarized in this one compact catalog."

The selection also includes exhaust systems by Dr. Jekyll & Mr. Hyde, SuperTrapp and V-Performance of Italy "to create a compact compendium for all Indian owners, customizers and official dealers in printed version or available immediately online as a PDF version." [custom-chrome-europe.com](http://custom-chrome-europe.com)



Featuring a "customizable" tube frame, the number of Indian customs has increased abruptly, and Indian events are now becoming increasingly popular. As the number of Indian dealers in Europe is constantly growing, so too is the popularity of a traditional US brand that has always been stronger than the numbers ever suggested would be the case.

WME02V2

Rear Twin Shocks

Spring preload  
Rebound

Available in: Dark Edition  
& Chrome Edition

PLUG&PLAY  
HARLEY DAVIDSON

BLACK AND CHROME SPRING COVERS  
only upper or upper and lower

WMB02V2

Rear Twin Shocks

Spring preload

Available in: Dark Edition  
& Chrome Edition

[bitubo.com](http://bitubo.com) | bituboracesuspension



FORK PRELOAD ADJUSTER

# BURLY BRAND

MOTORCYCLE  ACCESSORIES



LOWERING BLOCKS



SLAMMER SHOCKS

10.5"  
BLACK & CHROME



SLAMMER PLUS SHOCKS

11.5" SITS AT 10.5"  
BLACK & CHROME



STILETTO SHOCKS

12.5" / 13" / 13.5" / 15"  
BLACK



SLAMMER KIT

10.5"  
BLACK & CHROME

# KEEP IT CUSTOM



FORK SPRING KITS



# NEWS BRIEFS

**Writing in one of the few remaining motorcycle market (any market!) print magazines (of any kind) that can still boast growing readership and revenue, I am asking everyone to put your hands together and pray with me for the flickering flame of knowledge. AP reported that U.S. newspapers (locals mostly) continued to die in 2022 at the rate of two each week. Citing research, AP reported that "areas of the country that find themselves without a reliable source of local news [and genuinely independent journalism] tend to be poorer, older and less educated than those covered well." Not wishing to get into the whole Chicken and Egg thing on that, I will simply report that AP additionally said that the United States had 6,377 newspapers at the end of the first six months of 2022, down from 8,891 in 2005. At that point some 360 newspapers had shut down since the end of 2019, all but 24 of them weeklies serving small communities. An estimated 75,000 journalists worked on newspapers in USA in 2006 - down to 31,000 in 2022 - with annual newspaper revenues having declined from some \$50bn to \$21bn in the same time frame. Sad face!**

Ducati claims a best year ever in 2022 with 61,562 motorcycles delivered worldwide - surpassing the 60,000-bike mark for the first time in its history, despite the global logistics and supply crisis. Sales grew by 3.6% over 2021. Italian deliveries grew by 10% - Italy becomes the main market for the company (9,578 units). The Multistrada V4 is the most loved bike by 'Ducatisti' with more than 10,716 units delivered worldwide during 2022. The Ducati sales network continues its expansion reaching a record 821 dealerships worldwide. The United States is in second place with 8,441 units delivered, a decrease of -6% compared to 2021 due to logistical difficulties and delays in overseas shipments. Another strategic country for Ducati is Germany, which grew by 9% over 2021 and with 6,678 delivered motorcycles is positioning itself as the third largest market. The Monster family saw sales of 7,971 units, followed by the Scrambler Ducati 800 family with 6,880 bikes delivered.

## The 'Times They Are A-Changin'

The Sturgis Buffalo Chip's 'Motorcycles as Art' exhibition is changing format for its upcoming 15th anniversary, with the exhibition's curator, photographer Michael Lichter, moving into an advisory role. Chip President Rod "Woody" Woodruff says: "Following an incredible run of 14 themed exhibitions at the Sturgis Buffalo Chip, Lichter will showcase his own work at the 2023 'Motorcycles as Art' exhibition, leading a group of known and emerging artists and builders. Of course, Michael will be seen all around the Black Hills as he continues to document the rally, as he has done for over 40 years." Shifting from the themed exhibitions of past years, the platform will expand "to become more open and accessible to a wider group of artists and custom builders. The exhibit will continue to highlight custom motorcycles, and there will be an expansion in the display and sales of motorcycle-themed artwork." 'Motorcycles as Art' will continue in the Buffalo Chip's event center, which will undergo a newly conceived

remodel to include an adjoining building and gardens for 2023. "Many know Michael Lichter as a world-renowned photographer who has documented the rise in popularity of custom motorcycles and the culture that developed around them for over forty years. As an exhibition curator, he has produced a total of 22 motorcycle-themed exhibitions. Of the eight that preceded the 'Motorcycles as Art' exhibitions at the Buffalo Chip, five were staged at the Journey Museum in Rapid City. "Michael continues to be an important part of the Buffalo Chip family. An unbelievable amount of work goes into the 'Motorcycles as Art' production, and Michael deserves accolades for his past work, as well as a chance to sit back and enjoy the exhibition. It's going to be a great year to appreciate the artistry of motorcycling at the Chip." It is said that the enhanced version of 'Motorcycles as Art' will "look deeper into the culture, presenting opportunities for a wider array of builders and artists to unveil and display their work in the updated



facility. Lichter will work closely with a dedicated team at the Buffalo Chip as curatorial adviser and his archival photography will be part of the new format." An announcement with specific criteria for artists and builders will be forthcoming. "Our world is changing quickly, and motorcycling is changing with it," says Lichter. "The openness of the younger generations concerning life, and more specifically motorcycles, is refreshing and impactful. Let's keep doing our best to be ahead of the curve, accepting and moving forward. And so, a song keeps playing in my head, 'the times they are a-changin' (Bob Dylan, 1964)."



All attendees at the Buffalo Chip are invited to explore this eclectic collection of custom motorcycles and motorcycle art, both on display and for sale, in the 'Motorcycles as Art' gallery, open for nine days only during the Sturgis Motorcycle Rally. 'Motorcycles as Art' will continue to be the home of the Buffalo Chip's industry party, slated for Saturday, August 5th, 2023. Past and prospective artists, builders and sponsors will be contacted by Buffalo Chip representatives.

[www.motorcyclesasart.com](http://www.motorcyclesasart.com)  
[www.buffalochip.com](http://www.buffalochip.com)

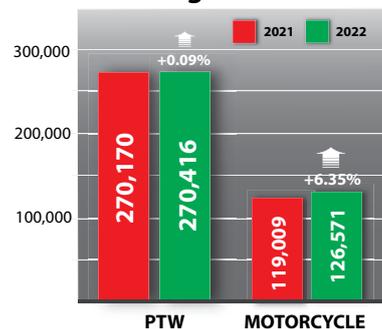
## Italy: Motorcycles +6.35% in 2022

According to the latest available data from ANCMA, the motorcycle industry trade association in Italy, last year ended strongly with new motorcycle registrations +17.30% in October (7,945 units), +30.69% in November (6,401 units) and +2.21% in December (3,605 units). This took the total of new motorcycle registrations in Italy for the 2022 full year to +6.35% at 126,571 units. In new units sold terms, 2022 was the best year in Italy since before 2013. The Italian motorcycle market has consigned the 'Covid Years'

firmly into the rear view mirror. Total PTW registrations in Italy for the 2022 full year were essentially flat at +0.09% - but the 270,416 new model registrations total is the best for the Italian market since before 2011. Of those, ANCMA is classifying 143,845 as Scooters, which is -4.84%. The Chinese made, Italian designed Benelli TRK 502/X was the top selling motorcycle in Italy in 2022 at 6,645 units, making it the fourth best seller overall. The BMW R 1250

GS was the second bestselling motorcycle (4,062 units YTD), followed by Yamaha's Ténéré 700 (2,762).

### Italian registrations 2022



# 2023 **FatBook**<sup>TM</sup> *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](http://dragspecialties.com/bike-builds) to view the complete parts list.

\*Disclaimer: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES

FROM OUR GARAGE TO YOURS

**DRAG**  
Specialties

DRAGSPECIALTIES.COM

# SHOW ZONE

## 2023

### MP 23 Motorcycle Show

Helsinki, FI • Feb 3-5

[www.mp.messukeskus.com](http://www.mp.messukeskus.com)

### Garage Brewed

Cincinnati, OH, US • Feb 4

[www.garagebrewed.com](http://www.garagebrewed.com)

### AIMExpo

Las Vegas, NV, US • Feb 15-17

[www.aimexpousa.com](http://www.aimexpousa.com)

### Mama Tried

Milwaukee, WI, US • Feb 17-19

[www.mamatriedshow.com](http://www.mamatriedshow.com)

### MCN London Show

London, GB • Feb 17-20

[mcnmotorcycleshow.com](http://mcnmotorcycleshow.com)

### MotorBeurs

Utrecht, NL • Feb 23-26

[www.motorbeursutrecht.nl](http://www.motorbeursutrecht.nl)

### Salon du 2 Roues

Lyon, FR • Feb 23-26

[www.salondu2roues.com](http://www.salondu2roues.com)

### Moto Festival

Bern, CH • Feb 23-26

[www.motofestival.ch](http://www.motofestival.ch)

### Motosalon

Brno, CZ • Mar 2-5

[www.bvv.cz/motosalon](http://www.bvv.cz/motosalon)

### Daytona Bike Week (82nd)

Florida, US • Mar 3-12

[www.officialbikeweek.com](http://www.officialbikeweek.com)

### Motorama Madrid

Madrid, ES • Mar 10-12

[www.motorama.es](http://www.motorama.es)

### Warsaw Motorcycle Show

Warsaw, PL • Mar 10-12

[www.motorcycleshow.pl](http://www.motorcycleshow.pl)

### The Prowl

Bizbee, AZ, US • Mar 18

### Mecanic Show Pecquencourt

Pecquencourt, FR • Mar 18-19

[www.mc-pecquencourt.fr](http://www.mc-pecquencourt.fr)

### Tokyo Motorcycle Show (50th)

Tokyo, JP • Mar 24-26

[www.motorcycleshow.org](http://www.motorcycleshow.org)

# VG Motorcycle Splits into Two Businesses

Well known Dutch frame maker Guus Hoogland has announced changes to the corporate structure and engineering focus of his VG Motorcycle frame building business.

Due to the increasingly comprehensive activities and ever-broadening range of products made by VG Motorcycle, in consultation with his engineering team it has been decided to split the company into two separate businesses.

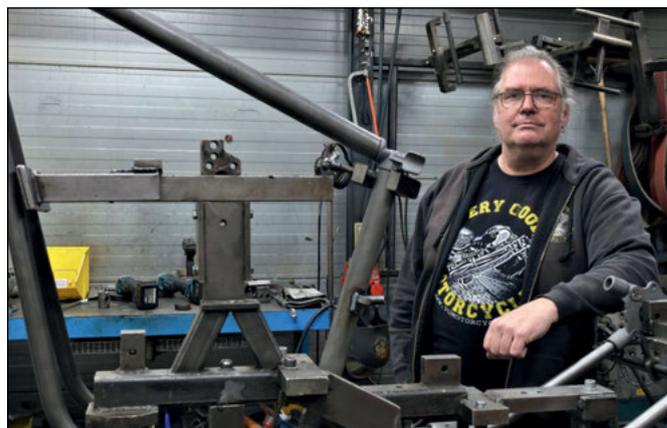
From now on, VG Classic Frames & Parts, owned by Herman Hulzebosch, will produce the classic hardtail replica frames and do restorations and repairs for Knuckle and Panhead frames.

This will leave Guus Hoogland special order, chopper, Softail and newer type Shovelhead and later frames. Historically it has always been producing 'specials' that Guus has enjoyed most - one-off frame and swingarm design solutions and construction for Softails, choppers and custom builds. His side of the operation will be known simply as VG Motorcycle Specials.

[www.vgclassicframes.com](http://www.vgclassicframes.com)  
[vgmotorcyclespecials.com](http://vgmotorcyclespecials.com)



Herman Hulzebosch and Raymond Kleeman, VG Classic Frames & Parts



Guus Hoogland, VG Motorcycle Specials

# KTM Takes 25.1% Ownership Stake in MV Agusta

Three months ago, PIERER Mobility (KTM, Husqvarna, GasGas etc.) announced a strategic partnership with Italy's Varese based MV Agusta to distribute the Italian manufacturer's motorcycles through its own dealer network in the United States.

MV Agusta has often struggled to be able to manage a viable dealer network in USA and, these days, with the Russian owned Italian marque (Timur Sardarov is CEO), to have a more stable production program stepping up its American availability made sense.

Stefan Pierer does very little without it being associated with a bigger picture, and in early November 2022 more of that picture started to emerge. This second stage strategic announcement has three elements to it.

First, KTM AG, the PIERER Mobility, Husqvarna and GasGas subsidiary that owns the KTM motorcycle manufacturing operation, will provide MV Agusta with strategic supply chain and purchasing management.

Second, MV Agusta will partly



distribute its product range via PIERER Mobility's worldwide distribution network. In the long run, the announcements from both MV and Pierer strongly suggest a further deepening of MV's joint venture distribution relationship with KTM beyond the existing announcement. Third, and most tellingly, effective November 2022, KTM AG (as opposed to Pierer AG) "will acquire a 25.1% stake in MV Agusta Motor S.p.A. by way of a capital increase." The structure of the deal suggests that MV Agusta CEO Timur Sardarov's primary driver in seeking to ally MV to KTM so closely is capital requirements and availability.

The extent to which that itself is driven by financial issues at MV, or by financing needed to fund Sardarov's ambitious plans for electrification of the MV range, and other previously

alluded to new model plans, will no doubt become clear in the months and years ahead - though don't expect a 25.1% stake to be the high watermark of Stefan Pierer's own ambitions for the strategic alignment.

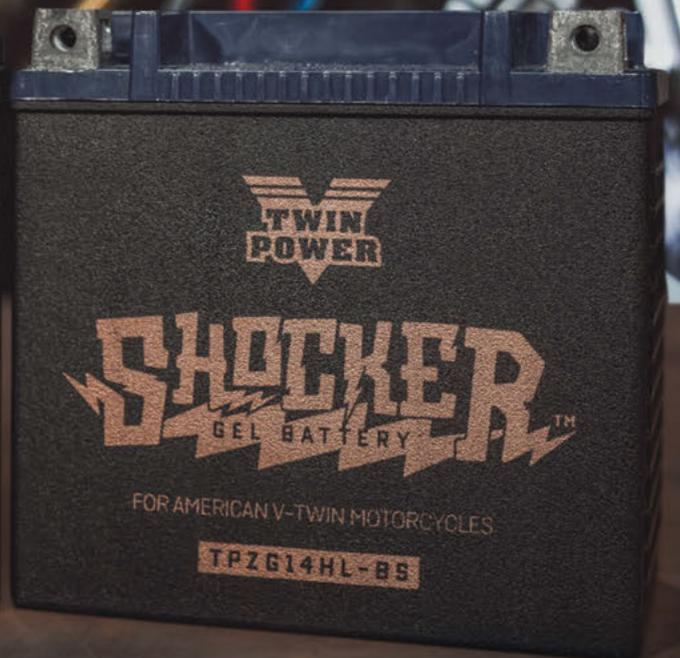
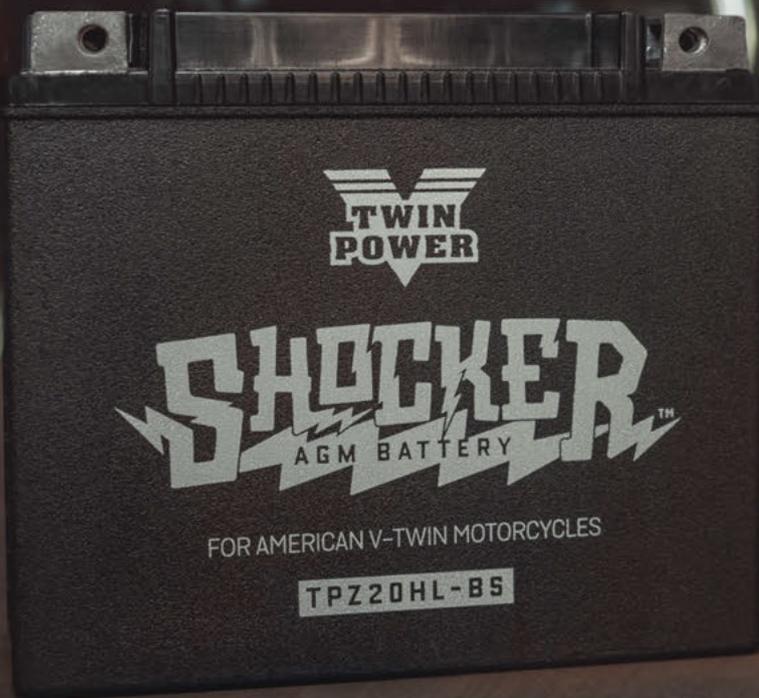


In other news, PIERER Mobility has announced that it is to distribute its Chinese partner CFMoto's motorcycles and scooters in select European markets from 1st January, 2023 - Austria, Germany, Switzerland and the UK.

Dates/venues subject to change or cancellation. (\*) Some dates provisional. "Check before you buy"

Continued on page 16

# SHOCKINGLY POWERFUL



Don't get burned - make the right choice. Twin Power Shocker Batteries are specifically designed for your American V-Twin motorcycle. Brutally tested in the lab and on the street. Made with extra thick plates for vibration resistance and flush mount terminals with captive nuts for optimum power and performance. For legendary quality and value head to [twinpower-usa.com](http://twinpower-usa.com).



# SHOW ZONE

**2023**

**Donnie Smith Invitation Bike Show**

St. Paul, MN, US • Mar 25-26  
[donniesmithbikeshow.com](http://donniesmithbikeshow.com)

**Arizona Bike Week**

Scottsdale, AZ, US •  
 Mar 29-Apr 2  
[www.azbikeweek.com](http://www.azbikeweek.com)

**Biltwell 100**

Ridgecrest, CA, US • Apr 1  
[www.biltwell100.com](http://www.biltwell100.com)

**Handbuilt**

Austin, TX, US • Apr 14-16  
[www.revivalcycles.com](http://www.revivalcycles.com)

**The One Show**

Portland, OR, US • Apr 28-30  
[www.the1moto.com](http://www.the1moto.com)

**El Diablo Run**

San Felipe, Baja, MX • May 5-8  
[www.eldiablolorun.com](http://www.eldiablolorun.com)

**Myrtle Beach Bike Week - Spring**

Myrtle Beach, SC, US •  
 May 12-21  
[myrtlebeachbikeweek.com](http://myrtlebeachbikeweek.com)

**Biker Fest International (37th)**

Lignano Sabbiadoro, IT •  
 May 18-21  
[www.bikerfest.it](http://www.bikerfest.it)

**European Super Rally**

Igoumenitsa, GR • May 24-28  
[www.superrally.com](http://www.superrally.com)

**Bike Shed Show**

London, GB • May 27-29  
[www.bikeshedmoto.com](http://www.bikeshedmoto.com)

**Isle of Man TT**

IOM, GB • May 29-Jun 10  
[www.iomtt.com](http://www.iomtt.com)

**Americade (40th)**

Lake George Village, NY, US •  
 May 31-Jun 4  
[www.americade.com](http://www.americade.com)

**Custombike Show**

Norrtälje, SW • Jun 3  
[www.custombikeshow.se](http://www.custombikeshow.se)

**Laconia Motorcycle Week (100th)**

New Hampshire, US • Jun 10-18  
[www.laconiamcweek.com](http://www.laconiamcweek.com)

**European H.O.G. Rally**

120th Anniversary  
 Budapest, HU • Jun 22-25  
[www.harleysite.de](http://www.harleysite.de)



<<< Continued from page 64

a centrally located Dealer Recharge Zone on the show floor, where attendees can take a comfortable time out, charge devices and network at the show.

There will be a four-wheel feature on the AIMExpo show floor that will showcase some of the latest products and vehicles in the category and, of course, an AIMExpo Industry Party powered by Tucker Powersports - which is again co-locating its own



Paul Langley of Parts Unlimited and Drag Specialties is part of AIMExpo's first Distributor Panel.

annual dealer event with AIMExpo. "Powersports generates over \$40bn US dollars in consumer spending each year. An industry of this size needs an annual place to learn, network and keep up to speed on current consumer trends. AIMExpo is that place."

## Kellermann Jetstream Wins Good Design Award



Kellermann's Jetstream sequential running light has won a prestigious Good Design Award from the Athenaeum Museum of Chicago. The Aachen, Germany based accessory manufacturer was awarded in the 'Transportation' category.

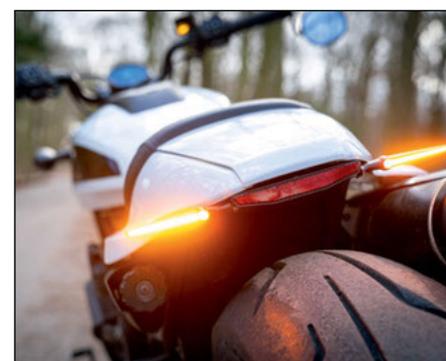
The annual global competition evaluates product design, communication design, packaging design and concept designs by the world's leading brands to showcase current trends emerging in the international design and manufacturing sectors. For 2022, the museum received a record number of more than 4,000 submissions from over 52 countries from the world's most prestigious design offices and leading visionary manufacturers. The Kellermann Jetstream was developed as a sequential lighting turn signal and as a 3-in-1 version with a combination of rear, brake and sequential



lighting turn signals. The design of the Kellermann Jetstream integrates elements from 1930s aviation construction and is designed in the shape of a wing with an integrated jet engine. The shape is extremely aerodynamic and therefore very streamlined at high speeds - and very powerful. "The unbelievable illuminating power of the Kellermann Jetstream contributes towards more safety on the road because the motorcycle is better and earlier visible when approaching at high speed. The strong illuminating power also raises the safety buffer during turning or braking maneuvers as other road users are clearly warned about turn maneuvers with the sequential lighting turn signal at the front and rear, and at the rear with the 3-in-1

combination during turning and braking maneuvers. This is the second time the jury of the Chicago Athenaeum Museum of Architecture and Design ([www.chi-athenaeum.org](http://www.chi-athenaeum.org)) has honored a Kellermann product in the transportation segment with the Good Design Award. The BL 2000 handlebar end turn signal already won the award in 2015 and found its place in the permanent exhibition of the Chicago Athenaeum. The Jetstream running light turn signal now joins it in being recognized for design excellence.

[www.kellermann-online.com](http://www.kellermann-online.com)



[www.AMDchampionship.com](http://www.AMDchampionship.com)

Dates/Venues subject to change or cancellation. (\*) Some dates provisional. (\*\*) Check before you buy"

Continued on page 18

www.zodiac.nl

# 100% FREEDOM 100% ZODIAC

**MP**  
3-5.2.2023

MP 23 MOTORCYCLE SHOW,  
HELSINKI, FINLAND,  
3-5 FEBRUARY 2023

**2 SALON DU**  
**2 ROUES**  
LYON

SALON DU 2 ROUES,  
LYON, FRANCE,  
23-26 FEBRUARY 2023

**★ FREEDOM**  
PERFORMANCE  
exhaust



## FREEDOM AMENDMENT SIDE SLASH

AVAILABLE IN CHROME AND BLACK  
FOR MOST SPORTSTER, DYNA AND SOFTAIL MODELS

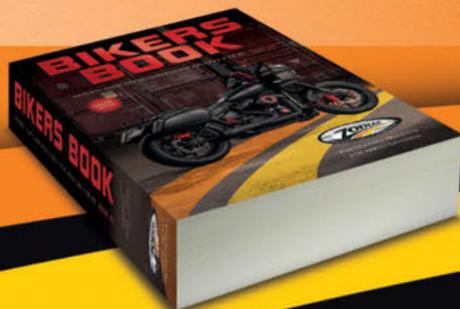


ALSO AVAILABLE  
AS THOR CAT EC  
APPROVED VERSION



### THE NEW ZODIAC BIKERS BOOK 2023 IS OUT NOW

Order it at [sales@zodiac.nl](mailto:sales@zodiac.nl)  
The Zodiac catalog is available in English, German, French, Italian and Spanish.



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

All Zodiac products are available through our dealers.  
Find them at [www.zodiac.nl/dealers](http://www.zodiac.nl/dealers)



PERFORMANCE PRODUCTS FOR HARLEY-DAVIDSON

PERFECT FITMENT | WIDE PRODUCT RANGE | FAST DELIVERY | QUALITY & EXCELLENCE | NO NONSENSE WARRANTY

# SHOW ZONE

2023

**Born Free**

Silverado, CA, US • Jun 24-25  
[www.bornfreeshow.com](http://www.bornfreeshow.com)

**Wheels & Waves**

Biarritz, FR • Jun 28-Jul 2  
[www.wheels-and-waves.com](http://www.wheels-and-waves.com)

**H-D Homecoming**

**120th Anniversary**  
 Milwaukee, WI, US • Jul 13-16  
[www.harley-davidson.com](http://www.harley-davidson.com)

**Fuel Cleveland**

Cleveland, OH, US • Jul 29-30  
[www.fuelcleveland.com](http://www.fuelcleveland.com)

**Sturgis Motorcycle Rally (83rd)**

Sturgis, SD, US • Aug 4-13  
[www.sturgis-sd.gov](http://www.sturgis-sd.gov)

**Four Corners Rally**

Durango, CO, US • Sep 1-3  
[fourcornersmotorcyclerrally.com](http://fourcornersmotorcyclerrally.com)

**European Bike Week**

Lake Faak, AT • Sep 5-10  
[www.harley-davidson.com](http://www.harley-davidson.com)

**Italian Bike Week**

Lignano Sabbiadoro, IT • Sep 14-17  
[www.italianbikeweek.net](http://www.italianbikeweek.net)

**Myrtle Beach Bike Week - Fall**

Myrtle Beach, SC, US •  
 Sep 26-Oct 2  
[myrtlebeachbikeweek.com](http://myrtlebeachbikeweek.com)

**The Congregation Show**

Charlotte, NC, US • Oct 7  
[thecongregationshow.com](http://thecongregationshow.com)

**Biketoberfest**

Daytona Beach, FL, US •  
 Oct 19-23  
[www.biketoberfest.org](http://www.biketoberfest.org)

**Salaoduas Rodas**

Sao Paulo, BR • Oct 24-29  
[www.salaoduasrodas.com.br](http://www.salaoduasrodas.com.br)

**Bigtwin Bikeshow & Expo**

Houten/Utrecht, NL • Nov 3-5  
[www.bigtwin.nl](http://www.bigtwin.nl)

**EICMA (#80)**

Milan, IT • Nov 7-12  
[www.eicma.it](http://www.eicma.it)

**Custombike Show**

Bad Salzuflen, DE • Dec 1-3  
[www.custombike-show.de](http://www.custombike-show.de)

# Tucker Fills Two High Profile Vacancies as New Management Structure Takes Shape

Tucker Powersports (Irvine, Texas) has announced two senior hires with former Dallas Cowboys Executive Lesley Madsen as the company's Vice President of Marketing and Prnuv Sharma as VP of Sales.

Madsen's role at Tucker is focused on delivering "impactful marketing programs for the company's 'owned brands' as well as the products distributed by Tucker." Madsen left her role at Dallas Cowboys Merchandising to join Tucker in December.

Tucker President and CEO Marc McAllister had earlier announced a restructure of the company's Sales and Marketing functions and his plan to bring new leadership into the company.

"Lesley's experience in marketing, brand building and distribution makes her a natural for this role at Tucker," said McAllister. "She will bring her strategic and analytical approach to our marketing efforts and will help us provide better support for our brands and our dealers."

Madsen's business background includes seven years with the merchandise arm of the Dallas Cowboys with responsibility for supporting retail and wholesale marketing and distribution for the Dallas Cowboys and 81Eighty organizations. Previous to the Cowboys, she held leadership roles in marketing, advertising, public relations, advertising and digital communications with major brands in electronics and entertainment.



Prnuv Sharma is an avid automotive and racing enthusiast. He holds an SCCA recreational racing license and enjoys spending time on the weekends driving at Autocross events. He joins Tucker after twelve years at Abbott Laboratories, following previous roles with Valvoline Inc. and Classic Automotive Group in his hometown of Cleveland, Ohio.

Sharma was most recently a Marketing Director for Abbott Laboratories, having held senior roles in Sales Management, Global Strategy and Brand Management. Earlier in his

career, Sharma had been General Manager of a Nissan dealership that was part of the Classic Automotive Group, which owns several dealerships in the Cleveland area.

"Moving into powersports connects me to my passion for power, performance and the beauty of a well-designed vehicle," said Sharma.

"I've had a retailer's mentality since early in my career and that's helped me succeed with the global brands that I've been part of," he continued. "I'm anxious to get to know my team at Tucker and spend time with the dealers that drive our success."

"Prnuv's background in sales leadership and employee development in dealerships and in large organizations makes him ideal for Tucker's VP of Sales role," said McAllister. "He understands the importance of brands, has a passion for fast vehicles and will be able to lead our team of dedicated sales reps in their support of our brands and the products we distribute." Sharma joined Tucker on January 1, 2023, will be leading the Tucker sales team at AIMExpo and plans to relocate to the Fort Worth area with his family.

[www.tucker.com](http://www.tucker.com)



## Spain: Motorcycles +6.30% for 2022

The latest available data from ANESDOR - the motorcycle industry trade association in Spain - show that motorcycle registrations in 2022 were +6.30% (175,524) - essentially flat with 2019 as the equal best year for motorcycle registrations in Spain since before 2009.

Moped registrations in Spain were -11.83% for the year at 15,701 units, but overall, total PTWs were +4.45% for the full year at 191,225 units - the best in Spain since 2019 and the second best since before 2009.

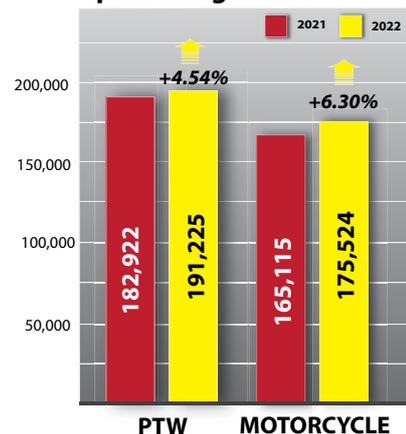
Demand for electric powered PTWs was +53.1% for the full year at 10,188 units - which was 5.8% of

total PTW sales.

Honda remains market share leader in Spain for 2022 with a 21.8% share of the total scooter and motorcycle market there (38,310 units), followed by Yamaha (12.1%), BMW (7.0%), KYMCO (6.9%), Piaggio (Vespa scooters etc. at 6.3%), followed by Sym, KTM, Kawasaki, Zontes, and Aprilia scoring a 1.9% market share in its own right (3,409 units).

Honda's PCX 125 was the top-seller, followed by the Sym Symphony 125, Honda SH 125i, KYMCO Agility City 125 and Yamaha X-Max 125. The top selling large displacement motorcycle was the BMW R 1250 GS.

Spanish registrations 2022



Dates/venues subject to change or cancellation. (\*) Some dates provisional. (\*\*) Check before you buy



**ARLEN  
NESS**



FINNED AIR CLEANER



ENGINE COVER LINE



GRIPS & PEGS

## ROUGH CRAFTS® COLLECTION

THE ROUGH CRAFTS® COLLECTION BY ARLEN NESS® FEATURES SCULPTED BILLET ALUMINUM PERFORMANCE PARTS DESIGNED TO FLOW WITH THE SHAPE OF THE MOTORCYCLE. EACH PART IS DESIGNED BY ROUGH CRAFTS® & BACKED BY MORE THAN 50 YEARS OF EXPERIENCE THROUGH THE TEAM AT ARLEN NESS®



**ROUGH  
CRAFTS**

AVAILABLE AT [ARLENNES.COM](http://ARLENNES.COM)

# 29th Bigtwin Bikeshow & Expo

## November 4-6, 2022

### Houten/Utrecht, The Netherlands

Words & Pictures by Onno Wieringa, Madness Photography

Close to the center of the Netherlands, the Bigtwin Show continued its post-Covid comeback with a strong visitor attendance, great vendor support, including Zodiac International, and "over 120 of the best and coolest custom bikes in the show," said bike show manager Onno Wieringa of Madness Photography and AMD World Championship fame.



**Best In Show**

Completely handbuilt 'M00' grass track racer, built by Jordan Hicks (Solidworks) and Larry Houghton (Lamb Engineering in the UK). Prizes included a TomTom Rider 550SE Special Edition, extra large handmade trophy by Phoenix, and a €1,000 Zodiac voucher.

The 29th edition of the Bigtwin Bikeshow & Expo - one of Europe's oldest and most respected custom engineering showcases - featured two stages with presentations, live music, tattoo artists at work and, yes, still as popular as ever, the famous Bigtwin striptease shows.

Filling the halls right down to the last available square inch, vendor booths included big names on the Dutch market such as Zodiac, VG Classic Frames & Parts, Jekyll and Hyde, BMW, Triumph and Indian.

# Bigtwin

Custom bike builders showed their craftsmanship in the Chopper Zone, a Café Racer zone, and, shining like diamonds, the custom bikes were on display in both halls, boosting booth traffic and keeping the flame burning brightly - competing for prizes, honor and glory!

Out of the more than 120 motorcycles the jury chose the best three in each class, based on a range of criteria such as detailing, finish, engineering and fabrication, innovations, the overall design line and concept, the paint and chrome work, wiring and, above all, the craftsmanship, self-made parts

designs and innovation - as the event's conceptual sponsor Bigtwin Magazine is itself mainly focused on self-built custom motorcycles.

The Bigtwin Bikeshow & Expo has industry-wide recognition as an aficionado's nexus where respect and admiration for all the participating builders runs deep - both for the domestic Dutch custom bike building community and the many international builders, who have a regular spot in their calendars for a show that is a genuine international



**Classics**

1. H-D WL, Robby Prinsen
2. J.A.P. Rene Nijdam
3. H-D XLCH 'Barnfind' from 1957, Hans Verweij

**Café Racer**

1. Triton, Theo van der Ven
2. Honda CB500F, Stefan van der Riet
3. Buell, Giacomo Galbiati (IT)

**Chopper/Bobber**

1. Triumph chopper by Mark van der Kwaak and Aad Heemskerck
2. H-D Shovelhead chopper 'Longfinger', Boccin (IT)
3. H-D Panhead (CH), Stephane Grand

**Custom Modified**

1. Dolbagg H-D Sportster Bagger from Marc Torrent (CH)
2. H-D custom, homebuilt 'Poison Wood' by Menzo de Leeuw
3. H-D Softail Mexican style, Pepe Lazzara

**Clubstyle**

1. H-D FXR, Che
2. H-D, Claudia Perego (IT), built by ASSO Special Bikes/Roberto Pellegrino, R.P. Motorcycles.
3. H-D, Arianna Fresard (CH)

**Freestyle**

1. H-D Panhead, Stephane Grand (CH)
2. Buell, Michel and Jimmy Messina (FR)
3. Yamaha XS650 Board Tracker, Haico Heersink



Classics Winner - H-D WL, Robby Prinsen



Café Racer Winner - Triton, Theo van der Ven

# TOTAL CONTROL



AVAILABLE FOR 2018-UP M8 SOFTAIL, 2017-UP M8 TOURING AND 2009-2016 TWIN CAM TOURING



*Mid Controls Brake Assembly*



*Mid Controls Shift Assembly*



*Contour Pegs - Black*



*Contour Pegs - Chrome*



LEARN MORE AT  
PERFORMANCEMACHINE.COM



**Performance  
Machine.com**  
BRAKES · WHEELS · ACCESSORIES

PREMIUM · QUALITY · ENGINEERED



shop window.

The 29th edition in November 2022 saw further evidence that the pandemic is (mostly) in the rear-view mirror, at least in terms of its apparent severity, and the effect it has had on the international custom market, with strong Europe-wide international participation, including entries from Sweden, Norway, England, Belgium, Spain, Switzerland, France and Italy. There were six classes in 2022 - Classics, Café Racers/Trackers, Choppers/Bobbers, Custom Modified, Clubstyle and Freestyle. As in prior years, the main sponsor was Zodiac

International with €10,000 worth of vouchers.

The 2nd and 3rd place prize winners came on the stage without their bikes to collect their prizes. In order to prove that they were genuine "runners," the class-winning bikes had to brave the notorious "Chicken Run" from the Winner's Circle to the podium. If the engine didn't start, the infamous Chicken came to help push the bike up - to the 'Chicken Song'!

The 'cluck of shame' befell Theo van der Ven, whose gorgeous Triton Café Racer wouldn't start until it had been pushed onto the stage, and Che,

## Chopper/Bobber Winners - Mark van der Kwaak and Aad Heemskerck



winner of the Clubstyle Class, was so overwhelmed with the emotion of winning a prize that he forgot to bring his keys!

Save the date - now back in full force, the 30th anniversary Bigtwin Bikeshow is slated for the same Houten Expo facility on November 2-5, 2023.

# Bigtwin

## Freestyle Winner - H-D Panhead, Stephane Grand (CH)



## Custom Modified Winner - Dolbagg H-D Sportster Bagger from Marc Torrent (CH)



## Clubstyle Winner - H-D FXR, Che





*Motorcycle lighting modules since 1990.*

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



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



PLUG-N-PLAY

[www.badlandsmotorcycleproducts.com](http://www.badlandsmotorcycleproducts.com)

# PERFORMANCE DRIVEN



Mid-USA Motorcycle Parts® is proud to offer high quality drive and primary chains from Regina Chain. Manufactured in Italy with the best components available. Rear drive chains come in three types: 530 RT which is a standard roller type, 530 ZRT which features the patented Z-Ring technology developed by Regina Chain, and the 530 ZRP2 which is a heavy duty version of the standard Z-Ring chain. Whether you're a normal street rider, a drag racer or somewhere in between, we've got you covered.



Used on all OEM models from the factory, Regina primary chains are manufactured with upgraded bushings and pins for long life, and confidence for the long haul.



PERFORMANCE IN MOTION

**Call Your Sales Rep Today**

**Call 1-800-527-0501 in the U.S. or 1-800-893-9261 in Canada to order a 2023 catalog or to find out how to become a Mid-USA Dealer.**

**[www.mid-usa.com](http://www.mid-usa.com)**



messezentrum  
BAD SALZUFFLEN

# Back in Business!

## *Custombike Show*

Text & Photos:  
Horst Roesler,  
Motographer

*Bad Salzufflen, Germany | December 2 - 4, 2022*

There were a few hours when it was evident to everybody that the Custombike Show at Bad Salzufflen in Germany was finally back in business. Three years since the last show in December 2019 there was a time, on the afternoon of December 3, 2022,

when both the exhibition halls at the Messe Bad Salzufflen expo complex (near Bielefeld) were fully packed with visitors.

It was hard to find a free spot to look at the massive 260 competitor bike show stretched along the main axis of

the two halls. The Biker Build-Off action by H-D Bielefeld and Bike Farm Melle, the activities on the show stage, some 160 or more exhibitors busy serving the more than half of the 18,950 visitors who attended the three-day show on the Saturday, all

amounted to 'proof-of-concept'. One of Europe's major custom bike events is not only back in business but laying the foundation for future expansion back to - or beyond - its previous size.

In recent years, the highlight of the

'Best of Show' was won by "Cadbike 49", a 1964 Triumph T 120. Mark van der Kwaak of DBBP and Aad Heemskerck worked 14 years to make Cadbike Design #49 a real riding machine! Everything on this bike was handcrafted or highly modified.

**49**  
1964 Triumph  
All steel bits handmade stainless  
Sheetmetal and handrail handmade  
Handbuilt and hydraulic footclutch  
Amazing disappearing sidestand  
Balepedal moved to the right  
Hidden wires, coil, oillines & cables

Designed by Mark van der Kwaak  
Owner & builder Aad Heemskerck  
Paint by KustomKart  
Seat upholstery by Silvermachine

www.dbbp.com



# Blow

PERFORMANCE EXHAUSTS

## DIFFERENT BETTER



*“Without doubt the best exhaust systems on the market. The 3-Step design really increases HP & TQ. Product & service is fantastic!”*

*AJ – Armsco Custom Cycles, New Jersey*

AUSTRALIAN DESIGNED AND PRODUCED

GLOBAL SHIPPING FROM OUR UNITED STATES & AUSTRALIAN WAREHOUSES

- / High Performance Exhaust Systems for Harley-Davidson Motorcycles from 1984 on with Evolution & Big Twin Cam 80ci to 131ci Engines, and Milwaukee-Eight 107ci to 113ci Engines 2017 – Current with Cable Clutch. All Models.
- / 3-Step Header Design, Best in Class Performance, and a Distinctive Deep Harley-Davidson Sound.
- / Metallurgically Sculptured with the Highest Quality Materials, Metals and Coatings. Internally Coated to Resist Corrosion and Overheating.
- / Available in 3 Layered Showroom Chrome and Super High Ceramic Matte Black.



Scan the QR code to  
visit our Facebook page



Scan the QR code to  
visit our website

show has been the custom bike show, of course, and the much-anticipated Sunday afternoon awards. There were 14 classes this year, plus a 'Best of Show' award. With the AMD World Championship now having announced its cancellation after a four-year break, many potential AMD World Championship competitors showed up at Custombike (as some had a month earlier at the Bigtwin Show in the Netherlands) to compete and show their handcrafted masterpieces: Ukraine, the Netherlands, Sweden, Belgium, Austria, Switzerland, Poland,



The bike show at Custombike always means a massive interest of German and European custom bike specialists as well as garage-built modified motorcycles. 260 custom bikes in 14 categories were squeezed into the existing show space - many more had to be turned away.



Czech Republic, Denmark and many more countries were among the exhibitors of the 260 strong bike show - more than 100 had to be rejected when the planned available exhibition space was running out long before the entry deadline.

The winners line-up showed some incredible engineering and design skills, highlighted by 'Best of Show' winner Mark van der Kwaak's "Cadbike 49", Aad Hemskerk's super-clean Triumph T 120 and Czech Republic based Marek Foltis who, at

to fill the void left by the bankruptcy of the former promoter (publisher Huber Verlag) with one shared aim - to promote custom bike building. Both teams have agreed to continue the name of Custombike, but in ownership terms are a complete reboot, a new ownership formula arising from the ashes of the mid-2020 Huber Verlag bankruptcy. The "Custombike Show" brand name was acquired by Messe Bad Salzufflen's

Andreas Reibchen. Andreas has a strong personal interest

## "Biker Build-Off action by H-D Bielefeld and Bike Farm Melle"

in seeing the show continue, having been the 'main mover' 25 years ago in persuading the founder of the show

(Egbert Eschenbacher of 'High Performance' magazine fame) to move the event from Mannheim up to Bad Salzufflen.

Andreas also just happens to be the owner of several authorized Harley dealerships in nearby Bielefeld, Düsseldorf and Osnabrück and is soon to open a new Cologne/Bonn dealership in Wesseling.

The other survivors of the Huber crash

## "Best of Show winner Mark van der Kwaak's Cadbike 49"

the age of 31, constructed his own 500 cc ten-cylinder radial engine which integrated five separate compressors feeding the motor.

There were many more superb, handcrafted masterpieces that didn't make it to the stage as only the first placed trophies were handed out.

As much as this year's Custombike Show looked and felt like the traditional Bad Salzufflen showcase, this was an all-new, completely different event, continued by two organizational teams who stepped-up

"Volskracer" won the 'Best Radical' class, a VW-powered Bonneville racer. Kilian Wahl implanted a 1641 air-cooled Beetle motor, charged it with an Eaton M45 charger and fed it with a Weber 45 double carb. Rolling chassis components are modified from various motorcycle brands for just one reason - land speed records.



# PRELOAD ADJUSTERS

NEW FOR SELECT 49MM H-D FORKS



 **PROGRESSIVE**  
suspension



landing, Katharina Weber and Carsten Heil, founded Garage 21 Editions, taking on heavy financial risks to recreate the print magazines Custombike and Dream Machines. An especially risky undertaking given the current paper, print and distribution cost price explosions that are still hanging over all printed magazines. It took some time for both partners to approach each other again, but they finally did in time to organize a very successful Custombike Show 2022, with the magazine organizing the bike show and Messe Bad Salzuflen fully taking over event and show organization. However, from an exhibitor perspective, the transition has been almost seamless. Even after the two-

## "Katharina Weber and Carsten Heil founded Garage 21 Editions and brought back Custombike and Dream Machines"

show, three-year break, the exhibitor booking and set-up processes went well. The decision to only occupy the two main halls of the Bad Salzuflen complex was deliberately conservative. Andreas Reibchen's declared objective is to move the show upscale with more, higher quality exhibitors and he has clearly also been mindful of the fact that it would be



'Best Old School' was won by "Digger". Owned by German custom bike enthusiast Stefan Rüll, this "Digger" was originally built and painted by Arlen Ness, very likely in his San Leandro workshop. The bike has been restored, and the tank's paintwork and style are new, but many original parts have survived.

better to under-promise and over-achieve. Many of the "traditional exhibitors" and some big names in the German custom industry were hesitant and first wanted to see if the show could be brought back successfully. One of the primary areas of concern had been the way in which the German authorities had been handling Covid restrictions - been seen by many in Germany as overly restrictive and less than commercially enlightened.

However, the show ran well and without restrictions being imposed. The major custom parts distribution names were all present - such as **Zodiac International, Motorcycle Storehouse, and Custom Chrome Europe** using the event as a world premiere showcase to introduce its new line of RevTech exhaust pipes for various H-D models [see report on page 34 of this edition of AMD]. **Fred and Len Kodlin** introduced new Sportster S parts, plus a stylish

new line of CNC-machined risers. Dutch exhaust manufacturer **Dr. Jekill & Mr. Hyde** introduced its new Sportster S exhaust, already mounted to numerous Sportster S conversions in the halls. The rising interest in BMW's R 18 Cruiser was highlighted on several displays, including BMW's own "Custom Booth." All variations of the custom theme were covered, showing how the concept of custom continues to evolve and broaden - delivering on the trends that the AMD World

'Best Café Racer' was won by CB-Café's "750 Four." This 1975 Honda CB 750 K6 is a great base for a "second generation" Café Racer and perfectly modified into a seventies style Café Racer. Michael emptied the frame triangle and moved the oil tank into the tail end. Drilled brake rotors are reminiscent of Honda's racing heritage, and the calipers are (scary) stock seventies.

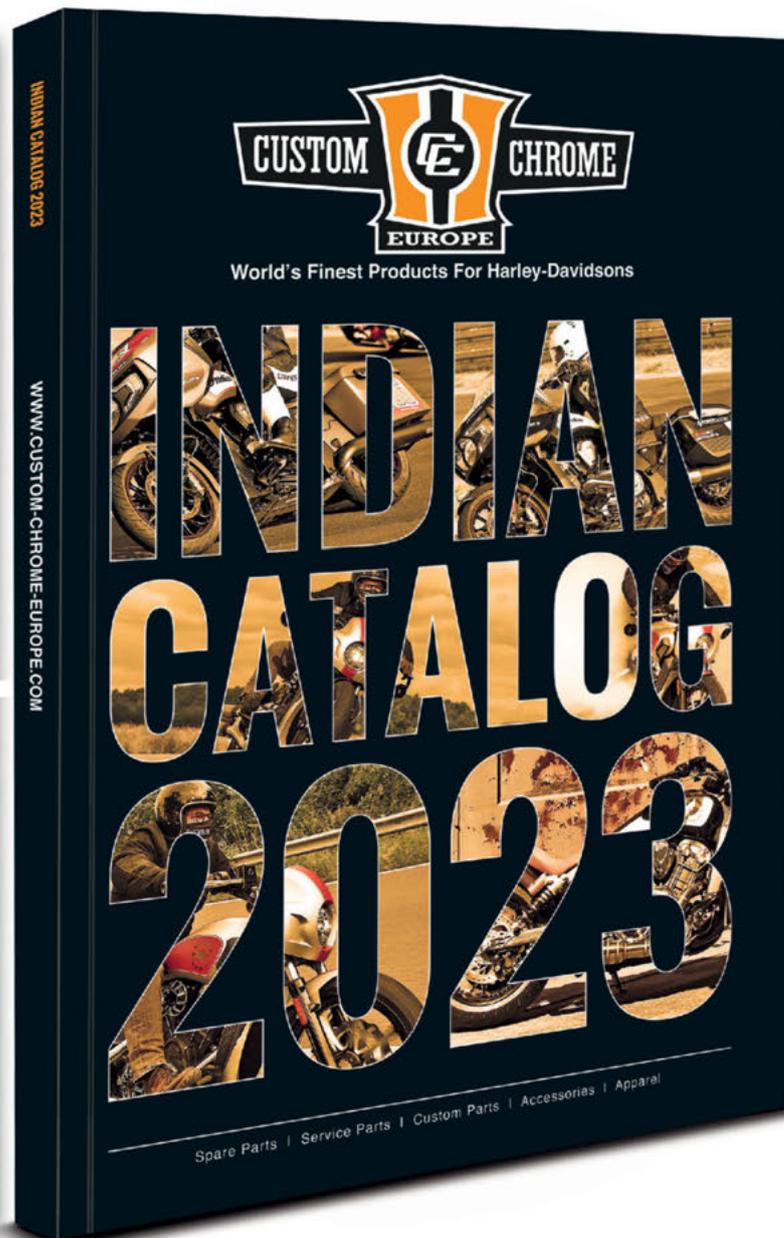


## "Andreas Reibchen's declared objective is to move the show upscale with more, higher quality exhibitors"

Championship harnessed at its first event back in 2004 in California and showcasing it ever since. Guus Hoogland of VG frames fame in the Netherlands introduced a radical rigid (!) frame for Milwaukee-Eight motors and a very stylish alternative rigid "Indian" frame - in which **Bike Farm Melle had installed a 1162 Thunderstroke for its European Biker Build-Off winning "Purple Haze" Chopper.** This year's live customizing battle was fought between two local arch rivals, H-D of Bielefeld and Bike Farm Melle (celebrating 35 years in business in

# ALL YOU NEED FOR YOUR MODERN DAY INDIAN!

1 CATALOG | 62 BRANDS | 108 PAGES | 1.500 PARTS



CHECK OUR DEALER STORE [WWW.CUSTOM-CHROME-EUROPE.COM](http://WWW.CUSTOM-CHROME-EUROPE.COM)



'Best Chopper' was won by Swedish craftsman Jan Andersson, who built his Dream Chopper in 2021. Based on a 1965 FLH frame, fixed "rigid" with a simple strut, the S&S Shovel motor is a very powerful addition to the set-up with a genuine 1948 Panhead Springer fork. Hakan Lindberg of Stockholm painted the flaming paint job, covering frame and sheet metal. Super-clean in typical Swedish style, this is a true rider!



2022), arguably Europe's largest independent Harley dealer and customizer and a recent addition to the growing line-up of Indian Motorcycle dealers in Germany. Both had smoked "pipes of peace" before the show, and H-D Bielefeld's stylish 'Chicano' Twin Cam took shape quickly with a very sophisticated 'Purgatory' paintjob by AHA Design's

music and, less restricted than usual by local fire regulations, the Fuel Girls from London were definitely a crowd pleaser.

Messe Bad Salzuffen dug deep into its budgets to give the show as much hype as possible - including a **brand-new H-D Nightster** give-away bike

coming from the combined Harley dealerships of Andreas Reibchen in Bielefeld, Düsseldorf and Osnabrück. Many 25-year veterans of the Bad

"Guus Hoogland of VG frames in the Netherlands introduced a radical rigid (!) frame for Milwaukee-Eight motors and a very stylish alternative rigid Indian frame"

Alex Henkemeier, while the Bike Farm team burdened itself with squeezing a complete packet of "Chief" electronics into the hardcore Chopper donor frame - earning the Melle team the audience's vote and the victory trophy.

Many of the other traditional Custombike show features were retained - such as the 'Wall of Death', now operated by hotshot Indian rider Jagath Perera, bike and body painting,



'Best Engineering' - without doubt one of the most discussed and ingenious bikes of the show, Marek Foltis developed and built this outstanding ten-cylinder BLOWN (!) rotary engine from scratch just to prove that it can be done! Take a look at his website [www.bistella.cz](http://www.bistella.cz) to get a grasp of the skills and development work. Fuel is delivered by not one but five tiny roots blowers sitting atop the two-row cylinder design.

# HHI Radial Mount Calipers!



## Radial Mount Caliper 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.



**NEW  
13" Floating  
Rotor and  
Bracket Kits,  
too!**

Radial Mount for Stock Legs

Axial Mount for Stock Legs

HawgHalters.com  
Call 877.442.5837  
FOLLOW US ON FACEBOOK!

**HHI Hawg Halters Inc.**



**RANGER  
CHROME**



HHI/Renegade Wheels deliver over 50 premium designs in 16" to 32" diameter, with widths to match the demands of the custom and stock markets.

Our stunning new range of finishes include Show Chrome, Gloss Black, Aztec Red, Cobalt Blue, and Inca Gold.

**VAIL  
PLATINUM  
RED**



**RACINE  
BLACK &  
GOLD**



**MARQUIS  
BLACK**



**LOGAN  
CHROME**



New!  
HHI Dominator Cog Drive  
True Floating Brake Rotors  
in 11.8 & 13-inch sizes, finished  
with Black, Chrome, Gold or  
Phantom Cut centers.



FOLLOW US ON FACEBOOK!

HawgHalters.com/  
Renegade-Custom-Wheels  
Call 877.442.5837

**HHI RENEGADE**  
*Custom Motorcycle Wheels*



Bike Farm Melle founder Gerd Remmert is excited about the victory of his team at the 2022 European Biker Build-Off at Custombike. His efforts had paid off, as in just two months' time the team had VG Motorcycle designing and building a rigid frame for the stylish Indian Thunderstroke motor - and sacrificed a complete Chief Bobber to create this unique Swedish style Chopper.

Salzflufen shows visited or exhibited - familiar names such as Claus Guenther of USM fame, Robert Rost of Avon Tires and Steve Schneiderbanger (SSC). All underlined the importance of the event, not just for the German, but also

for the international custom bike industry. Custombike show at Bad Salzflufen remains the international custom bike and parts show where decisions are

made and business is done - today as much as it has been in the past 25 years. The good news for Germany and the world is that "the show will go on!" [www.custombike-show.de](http://www.custombike-show.de)



Drag racing was already in the DNA of Custom Chrome Europe! All Harley Drags and Supertwins To Comp Bike Dragracing returned soon



Custom Chrome Europe returned in force as the company celebrates 25 years in business in 2023. Friday's unveiling presented the upcoming RevTech exhaust line, which is set to become a great addition to CCE's already huge range of exhaust systems.

# CUSTOMBIKE SHOW



Dutch exhaust specialist Dr. Jekyll & Mr. Hyde unveiled the one-pipe Sportster S exhaust at its 25th anniversary party in October. Many Sportster S at Custombike were already equipped with the system.



VG Motorcycle's frames have been part of the custom scene for decades. Guus Hoogland, creator of many custom and stock exchange frames, is now concentrating more on "special projects", being closer to his heart than mass production. At Custombike he introduced a solid wide tire rigid frame for M-8 conversions and a stylish rigid frame for Indian's Thunderstroke twin, also used in Bike Farm Melle's Biker Build-Off winner.



tom Performance when the event came to Bad Salzflufen. In 2022, the Super me "drag race spirit" to Bad Salzflufen!



Thunderbike of Hamminkeln/Germany always displays a massive number of exciting custom bikes and new parts! The company's interpretation of the Sportster S featured a set of CNC-machined covers, TB design wheels and Jekyll & Hyde's new "one pot" exhaust system. Not to mention a complete parts line for the Nightster. Andreas Bergerforth has reasons to smile!



ck in town: the Zodiac truck and display also is a long-time exhibitor at Bad Salzflufen.



Antonio Blanco, International Sales Manager at Motorcycle Storehouse, introduced new parts along with the new tools catalog.

# RevTech Performance Exhausts

Complete RevTech Performance Sportster stainless steel exhaust system with matte black coating, laser-cut logo and aluminum end caps.



Custom Chrome Europe is bringing the RevTech brand name back to market with a full line-up of high-grade, made in Europe performance exhaust systems. Model coverage is from 2007 up, including selected Sportsters and M-8s. The new products will include ready to be installed full exhaust systems, as well as stock replacement slip-on style mufflers.

**Polished stainless steel RevTech Performance exhaust system, ready for easy installation.**



Manufactured in high-grade stainless steel, these muffler systems are said to offer "superb performance" and are year-appropriate Euro 3, 4 and 5 homologated. Already in production, and available in black coating or polished from the CCE warehouse at Grolsheim, are complete Euro 3 or 4 MY 2007-2017 Twin Cam 2-in-2 RevTech Performance systems for Softails (except Breakout); Dyna model years 2007-2017 (except Switchback and Low Rider S) and MY 2006-2013 Euro 3 air-cooled Sportsters (except XR1200/X) - plus Euro 3 and 4 MY 2014-2020 Sportsters in black finish. "All systems feature stylish, short aluminum end caps that contrast with the muffler body finish."

The first production batch of RevTech Performance slip-on mufflers, also in top quality stainless steel, with black coated finish and short aluminum end cap, will cover the most popular Sportsters from 2006-2013 and 2014-2016 Sportsters (Euro 3), plus Euro 4 2017-2020 Sportster versions. Additionally available are RevTech Performance slip-ons for 2006-2016 Twin Cam Dyna and 2008-2016 Fat Bob and Wide Glide models with Euro 3. Twin Cam Softail owners can order slip-ons for 2007-2016 Softail high (Fat Boy, Deluxe) and 2007-2016 Softail low (Heritage, Custom, Night Train, Breakout) versions, all with Euro 3 compliance.

The new Milwaukee-Eight powered Softails will be served with matching RevTech Performance slip-on mufflers in two different versions: the first ones will be for 2018-2020 MY Softail (Street Bob, Breakout, Slim, Fat Boy, Low Rider) with Euro 4, soon to be followed by the 2021-2022 Softail models (Street Bob, Breakout, Slim, Fat Boy, Low Rider). The Euro 5 homologation for 2021-up Softail models is currently in progress. All other Euro homologations have already been achieved.



Aluminum-machined end caps contrast with the polished stainless steel and are styled to look like a jet engine exhaust.

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



Muffler in black with distinctive aluminum end caps.



Solid mounting flanges fix the RevTech Performance exhaust systems safely and tightly to the engine. Where necessary on some models, sensor positions are prepared to install existing sensors at the correct position.



GO AHEAD

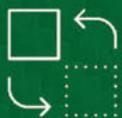
HI-TECH BRAKE SOLUTIONS  
MADE IN EUROPE

# TRY THE NEW BETTER BRAKES FOR A BETTER BRAKE PERFORMANCE

We all need to do what we can to reduce our environmental impact, motorcyclists are no exception. Just not at the expense of performance!

SBS has refined its compounds to do exactly that, while also improved the brake performance throughout the brake pad lifetime. Get the improved lever feel, improved recovery, high heat resistance and a stronger initial bite you seek, with the new SBS Better Brakes HF.

Better brakes, for a better ride. Go Ahead.



REFINED COMPOUND

Brake compounds are 100% Copper- and Nickel-free, and for ceramic compounds also Antimony-free.



IMPROVED BRAKE PERFORMANCE

A better and more stable brake performance and stopping power.



NUCAP NRS TECHNOLOGY

Always equipped with the powerful bonding technology that binds the friction material to the backing plate and improves heat resistance.



@sbsbrakes | sbsbrakes.com | #GoAhead

# SU Rebuild Service - Authenticity in Spades

Last year we featured a complete SU Eliminator II carburetor rebuild kit that was introduced by American Prime Manufacturing (APM) in California - "Back to the Future", February 2022/#271.

Now, news comes to us from Ben Kudon that APM is offering a professional factory rebuild service - "to take your SU from comatose to like new!"

For over 50 years, the SU carburetor in modified form, known as the SU Eliminator II, has been a 'go-to' for early American V-twin motorcycles. Ben Kudon says that "it provides smooth, even power and torque throughout the entire power band, with excellent

cold-start characteristics and drivability.

"Although originally intended for aircraft and automobile use [it was the stock carb on the most famous Jaguar models among others], the SU carburetor has proven to be unmatched in performance when adapted for use on American V-twins such as Harley Knuckle, Pan and Shovelhead motorcycles.

"The rebuild will be a complete teardown and deep cleaning using our ultrasonic cleaning technology. We will then reassemble your SU E2, using all new parts where needed, including new seals and gaskets. We will install a new jet needle, main jet and piston return spring of your choice, as well as a new needle and seat. We can even add an extended float bowl kit (by request) for carbs that will be used on strokers or big bore motors.

"Here is how it works: you send us your SU E2 free of gas and excess external grease/dirt via insured and prepaid UPS or USPS. It is extremely important to package the carburetor securely so that it will not incur damage in transit. Also, be sure to include in the package your complete contact information. It would be helpful to call us prior to start a work order. "Once the rebuild is complete, APM will return the newly rebuilt carb to the address the customer specifies prepaid (applies only to continental U.S. addresses) and insured via UPS or USPS. The rebuild work will be covered by a 30-day limited warranty only against defects in parts or labor performed. Incorrect tuning by the customer is not covered by warranty."

It became a 'go-to' back-in-the-day because of the added potential it had over the entire rpm range where other carburetors failed to perform. The story of the SU is a part of V-twin industry lore - one that goes right back to 1908, when George Skinner got a patent for a carb with a 'collapsible chamber' and

a 'fuel needle valve' and formed the "S.U. Company Ltd" in 1910 (S.U. being a contraction of 'Skinners Union').

Fast forward to 1970, and Mel Magnet (of Rivera Primo fame) reworked automobile SU carbs in his garage for Harley motorcycles. Mel's first SU customer was Bianchi Motors of San Francisco in 1972.

Many successes for the SU on Harleys followed - a highlight coming in 1978 when Dave Mackie's 1974 74" Shovel was the fastest stock production H-D



SU Eliminator II carburetor rebuild kit

with an SU carb.

Since then, much has changed in the performance aftermarket, but "one thing that hasn't changed," says Ben, "is the legendary status of the venerable SU and its 'old school' authenticity."

**AMERICAN PRIME MANUFACTURING**  
**Santa Fe Springs, CA, USA**  
[info@apmnc.us](mailto:info@apmnc.us)  
[www.americanprimemfginc.com](http://www.americanprimemfginc.com)

## M-8 "Vanquish" Rocker Covers

Signal Hill, California based Ken's Factory is known for a design approach that "responsibly applies great detail and intricacy to elegant motorcycle components, resulting in next-level style for the American motorcycle."

Seen here, these "Vanquish" rocker covers for M-8 applications "hold true to our principles of seeing the design in the details and are one of our higher-selling SKU's globally."

This 6061-billet aluminum rocker cover kit fits 2017-up M-8 engines. Available in polished aluminum or its "Black Machine" black anodized treatment - with the raw aluminum machined to be exposed - they are designed to use the OEM gasket and are an easy stock rocker replacement.

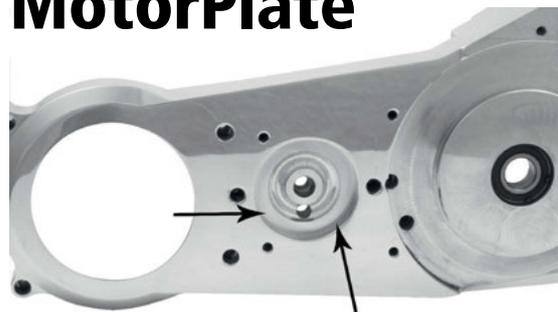
"Here at Ken's Factory, we are proud of the great reviews we get for our designs and service. We pay as much attention to



consistently quick shipping as we do to manufacturing and stand behind our products with a full warranty. Our 'specialty shop' approach to production yields shorter, higher quality artisan batches, so inventory is limited between runs."

**KEN'S FACTORY**  
**Signal Hill, California, USA**  
**Tel: 562 597 5666**  
[nelson@kensfactoryusa.com](mailto:nelson@kensfactoryusa.com)  
[kensfactoryusa.com](http://kensfactoryusa.com)

## BDL MotorPlate



Incorporating an oil filter mount, Brea, California based BDL's premium inner MotorPlate is supplied with its EVO-9SF, EVO-9TF or the EVO-900SF, EVO-900TF drive kits and is also available separately for 1990-2006 SFT models.

The image shows precision machine work to incorporate the filter mounting location into the plate. BDL supplies kits with fittings, oil line and filter.

**BELT DRIVES LTD**  
**Brea, California, USA**  
**Tel: 714 693 1313**  
[info@beltdrives.com](mailto:info@beltdrives.com)  
[www.beltdrives.com](http://www.beltdrives.com)



**FEULING**  
FEULINGPARTS.COM

## BA™ AIR CLEANER

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

**FEULING**  
**BA**  
AIR CLEANER



Starting at:  
**\$278.95**



**MANHATTAN**

Starting at:  
**\$249.95**



**KING SPOKE**  
**ULTIMA**

**NEW!** Starting at:  
**\$299.95**



**REVOLVER**

Distributed  
Exclusively By:



Prices  
Subject  
To Change

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

Local & International: 636-931-3200

Buy Online at Midwest Dealer Portal:

[www.MidwestmcDealerExpress.com](http://www.MidwestmcDealerExpress.com)



NAMZ Custom Cycle Products, Inc.

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

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

[namzccp.com](http://namzccp.com)

PLUG  
&  
PLAY

# Wunderlich - Pan America Additions

Having spread its business footprint from being a 100 percent BMW aftermarket parts operation with its new Adventure touring division, respected German parts and accessory designer Wunderlich continues to expand its range of products for the H-D Pan America 150 and 1250 Special.

Already armed with zillions of products to enhance BMW Adventure model owners' riding and ownership experience, its first mission has been to establish a foothold, indeed an already leading position, in the Pan America accessories segment.

The division is headed up by former Touratech founder and owner Herbert Schwarz as Brand Ambassador, who says that in addition to model-specific product designs, Wunderlich offers some 2,000 universal fit parts and accessories for all ADV models, including the Pan America.

## EVO Plus CLS System

Described as a "combined management system," Wunderlich's combined EVO Plus CLS system manages its CLS EVO chain lubricator, CLS Heat heated grip system and CLS Connect connection module.

Wunderlich's CLS chain lubricators "are the result of many years of experience, relieving the motorcyclist from the burden of carrying out the classic maintenance operations because they guarantee constant and long-lasting lubrication of the chain.

"The practically invisible system is able to guarantee clean and effective lubrication and consequently increases the useful life of the chain - this kit has been specially designed for the Pan America 1250/S. The cables are custom-made, the power cord is covered with a braided tube to integrate perfectly into the bike and the control display is laser-made and powder-coated.

"The system of heated knobs guarantees a gradual regulation of the temperature, measuring the temperature and changing the heating power by degree to degree - allowing riders to perfectly fine-tune the system to their specific needs."

Features include automatic preheating, which means that the knobs are preheated, as needed, according to temperature, quickly reaching the required operating temperature.

The externally invisible CLS EVO chain lubricator is a clean and effective chain maintenance tool with a capacity of 50 l for a range of about 10,000 km (approx. 6,200 miles). The result of this simple install is "a great improvement in comfort, with no shorter duration lubrication or manual cleaning cycle needed."

The Wunderlich CLS Heat heated grip system (for 13.2 cm wide knobs) is a single degree adjustable, automatic temperature regulation tool that automatically preheats at low temperatures.

This CLS Connect connection module provides easy



connection of the various electronic accessories to the vehicle, especially for CAN bus technology applications. It is said to be easily assembled in less than ten minutes for safe switching on and off of the navigation system, radio, communication systems, headlights and more. It is designed to filter out a lot of interference when using radio systems and other communication devices.

## Footpegs

Designed for improved touring or enduro comfort, these practical footpegs are designed to be affixed to the cylinder guard for leg stretches and a more relaxed long-distance riding position.



Available in black and easily mounted on the cylinder guard bar with the supplied adapter, it can be used on all 25 mm diameter round tubes. Manufactured in light weight, high strength aluminum with a non-slip rubber support surface, they fold up when not in use.

## Side Stand

Side stands are always a design weakness with all stock ADV models, regardless of the manufacturer - from BMW to Honda, Yamaha to Harley, they are never designed well enough or strong enough for the



kind of unforgiving terrain that ADV use subjects them to.

Wunderlich's Pan America 1250/S design features an additional spring to support the side stand - giving it additional stability and preventing unwanted movements and assembly and mount weakening oscillations while riding - which additionally improves the perceived comfort in the saddle. A model-specific mount prevents involuntary movements of the side stand while riding.

The support for the side stand designed by Wunderlich solves the problem by means of an additional spring that gives it a stable and defined dead center position, making the system perfectly stable so as to avoid unwanted oscillations and movements.



**WUNDERLICH GMBH**  
**Sinzig, GERMANY**  
**Tel: +49 (0)2642 97980**  
[wunderlich@wunderlich.de](mailto:wunderlich@wunderlich.de)  
[www.wunderlich-adventure.com](http://www.wunderlich-adventure.com)



# FREEDOM PERFORMANCE™

MADE IN USA *exhaust*



**NEW PRODUCTS**

2-STEP 4.5" SLIP-ONS SCULPTED END-CAPS  
BMW R 18 BAGGER 8 / TRANSCONTINENTAL  
PART# BM00336

MULTIPLE OPTIONS FOR  
MULTIPLE BRANDS FROM  
ONE MANUFACTURER

**EASY TO INSTALL  
FREEDOM SLIPONS**

FPE Designed & Manufactured in California

"European & American technology can work together for a better sound!"

Martin Arteaga CEO Founder FPE

# S&S Slip-On Exhaust for Indian Chieftain and Challenger



Known for making some of the highest quality exhausts in the market, S&S Cycle has unveiled what it says is its first exhaust product for Indian touring models. The recently launched Broadhead and Fishtail slip-ons fit the Indian Chieftain and Challenger platforms.

The Broadhead slip-ons feature slash-cut end caps that open to the sides " and gracefully follow the lines of the factory bags. The internals include stainless main baffles with removable dB reducers that allow you to tune sound and power to your liking. Broadhead slip-ons are available in black or chrome."

The Fishtail is a subtle take on a classic shape with an elaborately cast aluminum tip as well as the same durable internals as other S&S slip-ons. "We're thinking the Fishtail is probably a better fit for the Chieftain than the sportier Challenger, but it will definitely fit both," says S&S VP Marketing David Zemla.

**S&S CYCLE INC.**  
**Viola, Wisconsin, USA**  
**Tel: 608 627 1497**  
[sscust@sscycle.com](mailto:sscust@sscycle.com)  
[www.sscycle.com](http://www.sscycle.com)



# Trekker Outback EVO

The evolution of GIVI's top-range Outback EVO aluminum cases goes far beyond a restyling, with "16 dedicated moulds, changes to components, loads of technique and, for the first time, a side case with a contoured shape." The line will initially consist of a 58 liter top case, a 37 liter left side case and a 33 liter right side case (the 4 liter capacity difference is due to the contouring).

The bottom of the side case is split into two levels, GIVI's first case to offer this feature. "It's the perfect solution for Adventure motorcycles with a high exhaust on the right side like the BMW GS and Harley-Davidson Pan America."

Technical solutions of the Outback EVO cases include lower hooks on the side cases for a better mechanical



seal over time, which can be repaired in the event of strong impacts, top and bottom corners featuring eyelets across the whole range to incorporate strap loops and make the attachment to the tubular handles stronger, also making it easier to carry the case even while wearing gloves, an advanced hook system to control the angle of the side cases from the frame, a lid rotation system on side and top cases, so it can be removed completely, and a cam-side



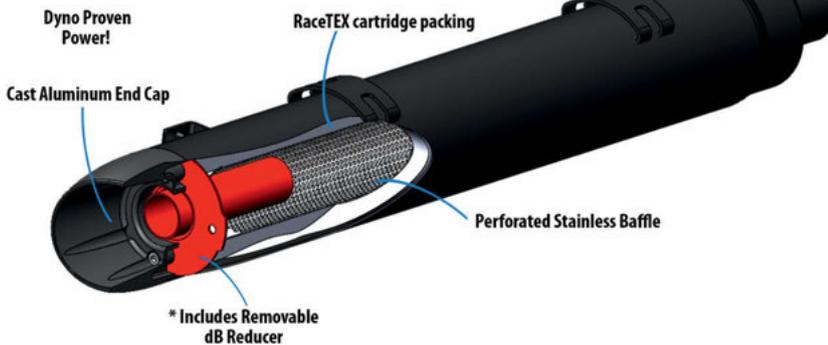
coupling/release system with anti-vibration points, using cast aluminum and stainless steel levers.

The positioning of these contoured cases keeps loads closer to the central axis while complying with the applicable regulations regarding maximum motorcycle width. The trio of cases is expected to arrive on the market in spring 2023.

**GIVI S.P.A.**  
**Flero (BS), ITALY**  
**Tel: +39 030 358 1253**  
[info@givi.it](mailto:info@givi.it)  
[www.givimoto.com](http://www.givimoto.com)



## TECH TOUR



### SLASH CUT SLIP ON FOR INDIAN TOURING

MOTORCYCLE STOREHOUSE®

# POWER UP!

WITH OUR RANGE OF AGM BATTERIES



SCAN HERE TO VIEW THE RANGE



Our range of V-Twin replacement batteries offer trouble-free performance you can depend on. Factory sealed, non-spillable and maintenance free, AGM batteries provide superior cranking performance for easy starting, and thanks to a robust construction, benefit from excellent vibration and heat resistance too.

#motorcyclestorehouse ■ @motorcyclestorehouse ■ motorcyclestorehouse.com

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

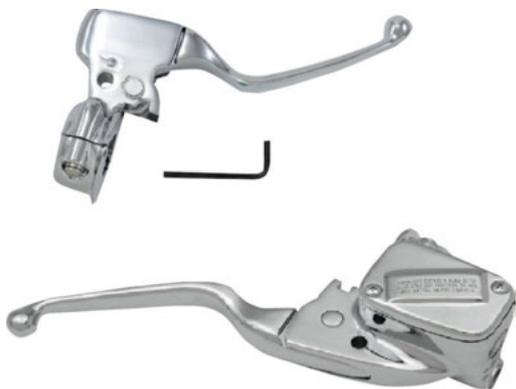
# Drag Specialties Additions

## Chrome Rear Axle Kits



Drag Specialties chrome rear axle kits deliver the rear wheel support needed and include the axle, spacers, nuts and washers. The axle is made of chrome-moly steel with a bright chrome finish. They are available for '09-'13 FLHT/FLHR/FLHX/FLTR.

## Brake/Mechanical Clutch Control Kits



Drag Specialties handlebar control kits include a single-disc master cylinder assembly along with a clutch lever assembly. The master cylinders accept OEM-style rebuild kits and have clearance to work with all 1 1/4" diameter handlebars. They are designed to work with stock and most custom switch housings that accept OEM switches and wires. The kits are available in chrome or matte black for '18-'22 Softail models with a single-disc front brake system.

## King Tour Box Pads



This tour box pad from Drag Specialties Seats works with H-D King Tour-Paks and Drag Specialties tour box and all OEM and Drag Specialties seats. Made from molded polyurethane foam, they have automotive-grade vinyl coverings with double diamond stitching. The standard length armrests provide comfort as well as assisting with getting on

and off the bike. They are available with black, silver or red double diamond stitching for '86-'13 H-D Touring models with King-style tour boxes. The pads come with rubber pads and all mounting hardware included.

## Ignition Switch Kits



These replacement kits contain high-quality OEM-style replacement and three-position switches and are available for '94-'11 XL models. The '07-'11 style kit (replacing OEM #48154-05A) includes an ignition switch as well as a fork lock; the '94-'11 style kit (replaces OEM #71441-94) includes an ignition switch only.

## Oil Extractors

This Drag Specialties oil extractor is a great tool for any shop or garage - perfect for easy and clean removal of engine oil, transmission oil, coolant and brake fluid. The fluid extractors are manually pumped and operate by vacuum, and fluids are kept safe and sealed to avoid spills. It comes complete with a built-in carry handle and spout, main extraction tube, extension tubes, built-in shut-off valve to prevent overflow, built-in manual pressure relief valve and a foldaway foot hold bracket. The extractors are available in 4.0 and 6.5 liter sizes.



## LF V3 Cable to Hydraulic Conversion Kit

AIM Corp. (Huntington Beach, California) says its cable to hydraulic clutch conversion kit is designed to work specifically with all 2021 and up Road Glides "without having to modify any electronics to make this conversion work."

Benefits are said to include improved and consistent clutch feel, reduced lever effort, greater clutch plate lift compared to stock, with no more clutch adjustment needed. "Able to handle very stiff springs with little effort, this kit comes with genuine Harley-



Davidson parts paired with an AIM Light Force V3 for an OE like fitment. By converting over to our LF equipped hydraulic setup, you will see an immediate improvement in terms of lever feel and clutch modulation; the greater clutch plate lift makes it easier to find neutral.

"With high-performance builds, stiff springs will put unnecessary wear and tear on the clutch cable, causing excess stretch and bad clutch feel. Converting to hydraulic will eliminate any sort of cable related issues and will provide a precise, crisp and clean feeling clutch consistently, every time, and as an added bonus, no more confusing clutch adjustments needed.

"Your customer can pick and choose what they want you to specify in their kit - the essentials kit will come with the core parts that are required for swap to hydraulic, eliminating the guesswork to what is required."

**AIM CORP.**  
Huntington Beach, California, USA  
Tel: 714 848 3030  
[info@aim-tamachi.com](mailto:info@aim-tamachi.com)  
[www.aim-tamachi.com](http://www.aim-tamachi.com)



**DRAG SPECIALTIES**  
Janesville, Wisconsin, USA  
Tel: 608 758 1111  
[drag@dragspecialties.com](mailto:drag@dragspecialties.com)  
[www.dragspecialties.com](http://www.dragspecialties.com)



**KURYAKYN** 

# **FULL-THROTTLE CUSTOMIZATION**

**OUR MOST-POPULAR  
COLLECTIONS ARE BACK IN  
STOCK AND READY TO ROLL.**



# Mid-USA Motorcycle Parts Additions

## V-Factor Drag Pipes

Now available with a ceramic coating as well as chrome plated and heat wrap suitable black powder-coat, these new V-Factor drag pipes are in 1 3/4" or 2" diameter in 40" lengths with slash-cut tips for



installed free-flow paper type oil filter element. The filters and lower canister sealing gasket are available as replacement parts.

## V-Factor Handlebar Bushing Kits



These new handlebar bushing kits have a 0.885" outside diameter and are available in rubber or polyurethane for 1984 and up touring models and 2018 and up Softails.

## V-Factor Pushrod Covers



Designed for quick-change pushrods, these V-Factor pushrod covers for Twin Cam models 1999/2017 and M-8s from 2017 and up are designed to allow easy access to adjuster nuts when converting to adjustables. The replacement pushrod cover seal kit contains four x OE #11132, #11157 and #11190 for Twin Cam and Evo models.



a performance look and hidden channel mounts for a clean look. The black powder-coat is a protectant for rust, not a ceramic coating. Chrome heat shield sets are available for selected models of both diameters. Fitments include FX 4 Speed 1971/1984; FXWG 1981/1982; 1986/2006 Softails; 2004/2013 Sportsters (2004/2006 carbureted models require a separately available O2 sensor plug); Evo Sportsters 1986/2003; and 1957/1985 Sportsters (excepting 1979).

## V-Factor Early Style Big Twin Oil Filter Kits



Replicas of the early external oil filter, this oil filter kit fits 1940/1984 four-speed Big Twins and filter applications, replacing H-D #63800-48. Features include an internal by-pass valve that is automatically activated just in case the filter becomes too clogged to flow. It is made with a die-cast aluminum housing with a 2 1/2" O.D. stamped steel filter canister. The kit includes threaded fittings for use with the OE-style steel oil lines and barbed fittings for slip-on style oil lines. It measures 6" tall and ships with a pre-



## Big Twin Performance Clutch Kit



Designed for 2017 and later Big Twins, this new performance clutch kit includes ten friction plates, nine steel and three zero-collapse, coil type clutch springs. They deliver an increased surface, are over stock and a pre-measured stack height to ensure easy installation.

## V-Factor Wide Deck Scissor Jack



New for 2023, this high-quality solid steel construction scissor jack is available in red and black, powder-coated with a textured rubber pad for protection against scratching the frame. It boasts a 1,100 lbs capacity (approx. 500 kg). The maximum height is 14.96", lowered height is 3.54" and the platform dimensions are 15 1/2" x 9".

## V-Factor Rims

Available in 23", 21", 19" and 16" sizes, these high-quality steel rims for 40



and 80 spoke-style wheels come with straight edge drop center or rolled edge type rims. Available for most models.

## V-Factor Axle Spacers for Custom Use



Never able to find the spacer you need, when you need it? These 13-piece V-Factor kits are made from 6061-T6 billet aluminum in silver or black anodized. "Perfect for fitting our V-Factor wheels to various applications or custom uses," each kit contains the most commonly needed widths from 1/4" to 2".

**MID-USA**  
**Hazelwood, Missouri, USA**  
**US direct: 314 595 5555**  
**US toll free: 800 527 0501**  
**Canada: 800 893 9261**  
[www.mid-usa.com](http://www.mid-usa.com)  
[www.mid-usa.ca](http://www.mid-usa.ca)



# MAKE YOUR MARK.



Road Warrior Fairing w/ a 11" windshield on @yannick\_83's 2019 Sport Glide.

MADE IN MEMPHIS | #ShadyMark

THE OFFICIAL WINDSHIELD OF PROGRESSIVE AFT



memphisshades.com



# NO PAIN

## MÜLLER MOTORCYCLE AG



### POWER CLUTCH

the easy clutch device for bowdencable clutches  
➔ also for 2022 models

Up to **45%** less pull on the clutch lever



### HYDRO CLUTCH

the easy clutch device for hydraulic clutches

www.m-motorcycle.com

ORDER NOW AT



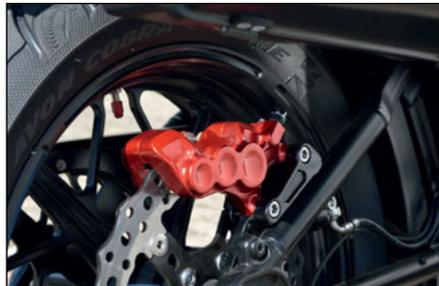
# ONLY GAIN



# Zodiac International Additions

## Arlen Ness M-8 Softail Rear Brakes

This innovative design bracket comes with a jumper line to allow you to keep the factory brake line. The bracket is designed to accept Arlen Ness 4- and



differential bore 6-piston performance brake calipers. These CNC-machined calipers are a 3D sculptured design, and cooling fins machined into the inner caliper halves help facilitate cooling incurred while braking.

The caliper and bracket are sold separately. Calipers include DP brake pads, bleeder screw, banjo bolt, sealing washers, mounting hardware and shim kit. They are compatible with ABS and non-ABS applications.

## Rick's Front Pulley Cover for Sportster S

This exclusively designed Rick's cover allows riders to view the rotating front pulley. The kit is made from stainless steel and aluminum parts with hi-end



finishes like anodizing and powder-coating. The pulley cover kit and the required installation hardware kit must be ordered separately. The pulley is available for 2021 to present RH1250 Sportster S and 2022 to present RH975 Nightsters.

## Wyatt-Gatling Solo Seats for Dyna



These black Naugahyde solo seats with black painted base are a direct bolt-on for 1996-2003 FXDWG(I) Dyna Wide Glide, 2006-2017 FXDWG(I) Dyna Wide Glide and 2006-2017 FXD(I), FXDB, FXDBB, FXDBC, FXDF, FXDL(I) and FXDLS models.

**ZODIAC INTERNATIONAL BV**  
**Mijdrecht, NETHERLANDS**  
**Tel: +31 (0)297 288 621**  
[sales@zodiac.nl](mailto:sales@zodiac.nl)  
[www.zodiac.nl](http://www.zodiac.nl)



# Ness '7-Valve' Forged Wheel Rims

Arlen Ness Enterprises has these new '7-Valve' forged wheels available, in a choice of rim sizes, in black anodized with CNC-machined aluminum contrast for H-D and Indian models.

Zach Ness told AMD: "Each one of the seven spokes is tapered and features sculpted sides with a cut-out center for 'heavy' styling that doesn't add weight to the motorcycle. To keep it consistent, we brought the same design philosophy to the rim lip where large pockets have been CNC-machined between each spoke to reduce as much weight as possible - while adding bold styling."

Precision CNC-machined from radial forged

6061-T6 aluminum, these wheels have been structurally tested to meet or exceed DOT, JAS and TÜV international load ratings. The cartridge type hub design results in "superior radial and lateral runout accuracy. Just choose the rim size (rims sold separate from hub) and then your correct hub application. These are rims only, hub must also be additionally purchased for a complete assembly."

Made from Arlen Ness proprietary 6061-T6 aluminum wheel forgings with detailed CNC machining from the smooth rolled lip of the rim to the center of the wheel hub. The proprietary hub design features both wheel bearings pre-set in one hub to achieve the optimum radial and lateral



# ARLEN NESS

runout accuracy and proprietary fully sealed wheel bearings with ABS rings for ABS and non-ABS model compatibility. Front wheel sizes run from 18" x 3.5" through to 26" x 3.5", with choice of three rears from 17" x 6.25" to 18" x 5.5". Matching two-piece floating brake rotors are available in 11.5"/11.8"/14". They have a CNC-machined billet inner carrier and jagged style 420 stainless steel outer band, drilled and cut to disperse heat under braking. Oversized rotor 14" brake caliper adapter brackets and 14" calipers are available separately.



**ARLEN NESS ENTERPRISES**  
**Dublin, California, USA**  
**Tel: 925 479 6350**  
[contact@arlenness.com](mailto:contact@arlenness.com)  
[www.arlenness.com](http://www.arlenness.com)

**STOCK TO CUSTOM - WE HAVE YOUR SIZE  
OVER 40 DESIGNS AVAILABLE**



**FORGED ALUMINUM WHEELS  
MADE IN THE USA**

**MATCHING**

- ROTORS
- PULLEYS
- SPROCKETS

**NEW  
FAT WHEEL  
26x5.5**



**Vee Rubber  
PERFORMANCE TIRES**

**COMPLETE LINE OF VEE RUBBER TIRES  
BLACK WALL & WHITEWALL**



**Metal Sport**

A complete One-Stop Shop  
Dealer Programs Available

**Call Us Today!**

**(562) 776-9594**

10112 Miller Way, South Gate, CA 90280

Email: [info@metalsportwheels.com](mailto:info@metalsportwheels.com) ■ [metalsportwheels.com](http://metalsportwheels.com)

**BUILT WITH PASSION.  
DRIVEN BY PERFORMANCE.**



**MADE  
IN THE USA  
SINCE 1948**



FIND CLUTCHES FOR YOUR BIKE  
[BARNETTCLUTCHES.COM](http://BARNETTCLUTCHES.COM)



**LOCK-UP**

**SPRING CONVERSION KIT**

1998-'17 Harley Davidson Twin Cam

- Billet aluminum lock-up pressure plate
- Light, medium and heavy springs included
- Reduced lever effort
- Greatly increased clutch capacity
- Compatible with O.E. clutch
- Simple bolt-on installation
- Hydraulic version also available



**SPRING  
CONVERSION KIT**

1998-'17 Harley Davidson Twin Cam

- Multiple spring pressure options
- Billet aluminum pressure plate
- Compatible with O.E. clutch
- Simple bolt-on installation
- Hydraulic version also available



## Big Power for Big Inches



BS Battery offers an extensive range of battery solutions with all the technologies - lithium, AGM sealed lead-acid and AGM maintenance-free batteries, for all powersports industry applications - motorcycle, V-twin, SSV, ATV, UTV, snowmobile,

watercraft.

At the top of the range, in terms of the kind of cranking amps needed for big inch V-twins, the company has designed a dedicated line for big engines such as those used in Harley-Davidson models called "SLA MAX" (BTX30HL, 20HL or 14HL).

Features include reinforced cases and grid framework to reduce vibrations and provide riding comfort, specific terminals to facilitate mounting without having to use spacer rings and an advanced construction design that increases capacity and enhances starting power.

Known as an OEM as well as aftermarket manufacturer, the focus at BS is on innovation. The company also offers lithium batteries for V-twin use with 12.8 voltage and up to 560 CCA with robust terminals, lighter weight (up to 70% less than lead-acid batteries) and equipped with an integral voltage

indicator to check the state of charge at any time.

Thanks to its strong technical racing partnerships such as with Fabio Quartararo (MotoGP World Champion), Yamaha GMT94 (WSBK), Kawasaki Bud Racing (MXGP), Sherco Racing (Enduro GP, Hard Trial) and many others, BS Battery develops and tests its products under extreme racing conditions to innovate more in lithium technology.

**BS BATTERY**  
**Paris, FRANCE**  
**Tel: +(33) 1 83 62 45 60**  
[sales@bs-battery.com](mailto:sales@bs-battery.com)  
[www.bs-battery.com](http://www.bs-battery.com)



## The Choice is Yours

Part of Vity's Design's 'Performance Collection', these easily installed, CNC-machined, adjustable billet aluminum risers are one of its best-selling, top-of-the-line Italian designed and manufactured product lines.

In recent months, through 2022, we have showcased these risers with either their digital or circular gauges, but there are many combinations of colors available - such as black anodized, red, blue, silver/chrome, orange, gold, purple and more - but the start-point for all the custom options and gauge choices is your choice of 8" or 10" basic height-adjustable risers, with the variable angle and height of the top clamp allowing riders to fine-tune the riding position.

"Paired with one of our gauge housing kits, riders will have everything needed to achieve the popular Clubstyle look, among others. They come in variable handlebar diameters and a full range of compatible and matching handlebars are offered."

For the "ultimate in custom options and savings," risers for Dyna Lowrider S and Road Glide models are also available 'raw', just as they come off the CNC



machine, which also means a quicker order turnaround time.

**VITY'S DESIGN**  
**Fermo, ITALY**  
**Tel: +39 0329 200 6128**  
[info@vitydesign.com](mailto:info@vitydesign.com)  
[www.vitydesign.com](http://www.vitydesign.com)

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

# Letric Lighting Co.

## MOTORCYCLE LIGHTING

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



(Dealers welcomed, illuminated displays & signage available)



*Where the brightest ideas come from!®*

# MAGNUM

## The No. 1 brand for QUALITY, FITMENT & APPEARANCE

Complete Handlebar Kits with matching DOT Brake Lines & Cables for Harley-Davidson & Indian Applications\*

Quick-Connect Clutch Cables Shown

### DESIGNER SERIES

### XR SERIES

\*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](http://www.magnumshielding.com)



# Drivetrain Compensator Kit - Better, Quieter, More Durable

Baker Drivetrain has what Bert Baker describes as "the final solution" where the late model compensator problems are concerned.

It is engineered with an annular oil distribution system that scavenges primary oil and pumps it with centrifugal force to all radial and axial thrust surfaces - or as Bert translates, "this sprocket delivers quiet operation, relentless durability and refined function to smooth out the inherent power pulsations of the second-generation Twin Cam and M-8 motors."

"This drivetrain compensator kit is made from heat-treated 4140 alloy steel and features a decreased compensating cam lobe diameter to yield a significant reduction in cam lobe velocities, and with that comes a reduction in wear," says Bert.

The increased radial width of the compensating cam lobes reduces the P.S.I. loading, which greatly



extends durability, and seven supportive spokes structurally tie the sprocket 'ring' to the sprocket hub.

The mass of the sprocket is concentrated towards the center, so the 'flywheel effect' is minimized - which reduces noise and vibration during operation and

shutdown.

Basically, Bert's message is that it is better, quieter, more reliable and longer lasting than stock...simple.

It is available for 2006 - 2017 Dyna; 2007 - 2017 Softail and Touring; 2017 - later Touring M-8 models and 2018 and up Softails, though it should be noted that it currently does not fit Softails with wide rear tires (e.g. 240 rear tires on Fat Boy and Breakout).

"For 2007 to 2010 Big Twins, the customer will need a H-D rotor; for a 2006 Dyna, the customer will need a H-D rotor and stator; on 2011 Big Twin models, if the stock spring cup is welded onto the stock rotor, a new H-D rotor will be needed." H-D rotors and stators are available for separate and additional purchase from Baker Drivetrain.

**BAKER DRIVETRAIN**  
**Haslett, Michigan, USA**  
**Tel: 517 339 3835**  
[sales@bakerdrivetrain.com](mailto:sales@bakerdrivetrain.com)  
[www.bakerdrivetrain.com](http://www.bakerdrivetrain.com)

# 5.75" Softail Headlight Bucket with Wire Adapter

Available to dealers exclusively through Drag Specialties, this gloss black 5.75" headlamp shell by Custom Dynamics includes the alignment ring, bezel and mounting hardware.

A Delphi to H4 wire adapter is included for plug and play installation on 2018-2022 Low Rider (FXLR), Low Rider S (FXLRS), Street Bob (FXBB/FXBBS) and 2020-2022 Softail Standard (FXST).

The bottom mount accepts most 3/4" headlight mounting blocks. With the exception of FXLRS, the OEM mounting block needs to be replaced with a separately available 3/4" headlight mounting block for installation; the FXLRS requires the separately available model-specific block.

Custom Dynamics says that this headlamp shell is compatible with any Custom Dynamics or ProBEAM brand 5.75" motorcycle LED headlamp (sold separately).



**CUSTOM DYNAMICS LLC**  
**Youngsville, North Carolina, USA**  
**Tel: 919 554 0949**  
[info@customdynamics.com](mailto:info@customdynamics.com)  
[www.customdynamics.com](http://www.customdynamics.com)

# Autotune and Target Tune Full Kits

Dynojet recently started shipping two new products for 2021-2022 H-D models - an Autotune kit and a Target Tune full kit for



Touring models.

The company describes its Autotune kit as "the perfect companion for the motorcycle rider who wants ultimate control of their speed, power and fuel efficiency. This powerful diagnostics tool projects real-time AFR onto the CAN bus, allowing the Power Vision to record this data alongside all other ECU channels."

The Power Core software will automatically process this data, "giving the rider the power to fine-tune their ride for any condition."

Dynojet's new 49-state legal Target Tune full kit for Touring models is said to allow riders to "lock on to perfect performance." The module works with Power Vision to not only automatically determine the ideal air/fuel ratio for the ride in real-time, but hold onto it.

The Target Tune full kit includes everything needed for installation - module with



wideband O2 hardware and Y-adaptor cable. The company says that it delivers "improved fuel efficiency and performance from stock on 2021 and newer H-D models. It does not interfere with dealer diagnostic or service tools and includes OEM-style connectors for simple installation into the factory O2 harness."

**DYNOJET RESEARCH**  
**North Las Vegas, Nevada, USA**  
**Tel: 702 399 1423**  
[www.dynojet.com](http://www.dynojet.com)

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

Check out [www.dp-brakes.com](http://www.dp-brakes.com) to see which of our latest sintered metal compounds is right for your bike.



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



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



[www.dp-brakes.com](http://www.dp-brakes.com)



## DUO = "Super smart" SAFE CARE!

- ✓ Lead-acid (Pb) & Lithium (LFP)
- ✓ Automatic ("no brainer" use)



**Optimate 2**  
**Duo 12V 2A**

YOU MAY ALSO LIKE



## Bright Idea

Jeff Zielinski, founder and CEO of NAMZ Custom Cycle Products (NCCP) and Letric Lighting Co., says that "these little colorful lights are bright, as in really bright. Using COB LED technology with a conical lens for a brighter, wider array, they are a versatile and creative addition to any workshop inventory."

"Having some really small LED lights at your fingertips is a big thing. How many times have you been in a jam, needed a small LED for whatever your project was lacking and couldn't find what you were looking for? Yep, been there, but I think the engineers at Letric found the fix."

"Sold in six-packs, the Royal Flush LEDs are

**ROYAL  
FLUSH.**



manufactured with a sealed aluminum body and come with a jam-nut for a universal mounting style - simply drill a hole, slide the light in place and tighten up the jam-nut.

"These small but powerful little Letric Royal Flush G2 LEDs pack a lot of light, are easy to install, come in two sizes (9/16 or 1") and five color options - polished aluminum, black, blue, gold and red anodized finishes."

Letric Lighting Co. ("Where the brightest ideas come from!") offers white/amber "switchback" front LEDs, red, red/amber and red/red rear LEDs, all with color matching wire for a no-guessing installation. "These ultra-bright COB LEDs work perfectly with Badlands sequential modules."

They come as single or dual-function red, dual-function red/amber and dual-function white/amber switchbacks.

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



**LETRIC LIGHTING CO.**  
Oreland, Pennsylvania, USA  
Tel: 610 265 7100  
[info@namzccp.com](mailto:info@namzccp.com)  
[www.namzccp.com](http://www.namzccp.com)

## Pan America - High Performance Air Filter Upgrade



Newly released by Greek manufacturer DNA Filters, this DNA "round design" filter is specially designed as an OEM upgrade for 1,250 cc 2020 to 2022 Pan America models. It is said to deliver "extremely high filtering efficiency at 98-99% filtering" (ISO 5011 quality graded testing), which is "no small thing" when talking about off-road engines (it is rated for road, off-road and race use). It produces +23.74% more flow than the stock OEM filter that it replaces. Manufactured in four layers of DNA's own specification cotton, it flows at 110 CFM (cubic feet per minute) compared to 89.9 CFM for the stock filter.

**DNA FILTERS**  
Athens, GREECE  
Tel: +30 210 555 9983  
[info@dnafilters.com](mailto:info@dnafilters.com)  
[www.dnafilters.com](http://www.dnafilters.com)



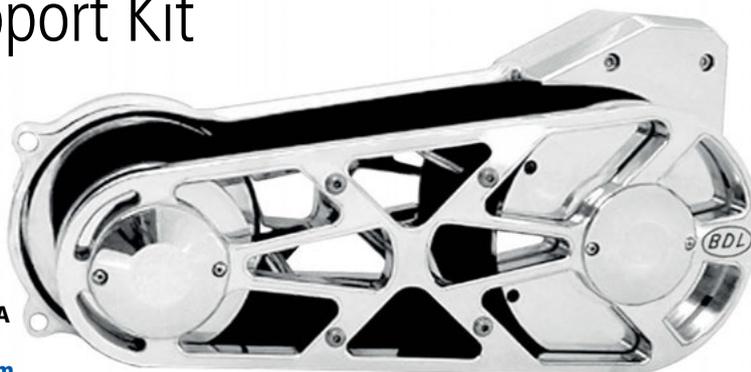
## Hi-Tech Outer Bearing Support Kit

BDL's outboard support plate for 3" BDL equipped machines "virtually eliminates transmission mainshaft flex." Shown here and provided with BDL's EVO 900 drive, this rugged, hi-tech support can be retro-fitted to all existing BDL 1990 - 2006 3" Softail and Dyna drive units.

"An absolute necessity for big engine and wide tire applications, the plate is precision-machined from solid billet aircraft quality aluminum and polished to a mirror finish. Each support kit includes a polished billet

support; polished pulley covers a new pressure plate and installation hardware."

**BELT DRIVES LTD**  
Brea, California, USA  
Tel: 714 693 1313  
[tech@beltdrives.com](mailto:tech@beltdrives.com)  
[www.beltdrives.com](http://www.beltdrives.com)



**Fuel Valve**

**Street Billet Grips**

**Electric Shifter**

**Kickstand Extension**

**Passenger Floorboard Spreaders**

**Cycle Jaws**

**Antenna Low Mount**

**Floorboard Spreaders**

**Kickstand**

**Heel Shift Eliminator**

**Rear Lowering Brackets**

**Greaseable Shifter Shaft**

**PINGEL**  
Since 1967

Pingel Enterprise, Inc. 608-339-7999 www.pingelonline.com

# M8 LOW PROFILE TAPPET COVERS & PUSHROD COVER KITS



- Manufactured from aircraft quality 6061 billet aluminum
- .250" lower height than stock tappet covers
- Tappet cover design makes it easier to adjust pushrods
- Kits include 12pt chrome or black screws, gaskets & o-rings
- Proudly designed and manufactured at JIMS®, in the USA



**Important:** If tappet covers are purchased separately:  
In order to reduce the desired height difference, the tappet covers are designed to be used with Twin Cam pushrod covers.



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



# SBS - 'Better Brakes' Law-Compliant Compounds



As briefly reported in our review of the 2022 EICMA 'Milan Show' in November (AMD January 2023), leading Denmark based performance brake pad manufacturer SBS Friction is introducing a 'Better Brakes' program.

The product launch will entail upgraded formulations, environmental regulation and best practice code compliance and performance for more than 95% of all the brake pad products manufactured under the SBS brand name.

All its product ranges will be transitioned "in full

"macro-economic trend forecasts by the World Bank"

scope," meaning that all products in a product range are included in the transition phase. It will not be possible to purchase old formula based SBS products once the transition is complete in 2025.

Transition will happen following an impact-principle, meaning that high volume fast-moving products are first in line as this is where highest impact can be obtained soonest. It is only racing products that are not being transitioned in the present scope. This is due to the complexity of race related compounds.

The Better Brakes Law and Standard is designed to be a U.S. national model that can be carried by all states, and to act as a catalyst and inspiration for other national and regional legislative areas outside the U.S.

In implementing the Better Brakes Law, the working group that had been established worked closely with brake manufacturers, retailers, distributors and environmental groups - including SBS Friction A/S.

SBS Marketing and Product Manager Thomas Midtgaard-Jørgensen explains that "one of the principal (but by no means only) aims of the new protocol is the massive reduction and, where possible,



motorcycle brake pad manufacturers have not been covered by the legislation. "The copper content in brake pads should have been reduced to less than 5% (weight) after January 1st, 2021, decreasing down to 0.5% during the coming years, with full implementation of the legislation in 2025. Furthermore, three additional nickel and zinc-based substances are under observation for potential future inclusion in the ban. "In January 2015, the manufacturers signed a memorandum of agreement with the United States Environmental Protection Agency (EPA) and the Environmental Council of the States to adopt standards based on Washington's

Compound	Type	Transition Scope
HS - SP	Street - Sinter	2023
HF	Street - Ceramic	2023
MS	Scooter > 250 cc - Sinter	2023
SI	Offroad - Sinter	2024
LS	Street, rear - Sinter	2023
RQ	V-twin, Scooter - Ceramic	2023
CT	V-twin, Scooter - Ceramic	2023
CS	Offroad - Sinter	2023
ATS	Offroad - Sinter	2023
H.HF	Street, V-twin - Ceramic	2023
H.CT	V-twin, Scooter - Ceramic	2023
H.HS	Street, V-Twin - Sinter	2023
H.LS	Street, V-Twin rear - Sinter	2023

**H.HS sinter replacement compound for bikes with sintered pads, designed for modern high-performance, sport and big touring bikes**

complete elimination of the use of rare earth minerals and other potentially toxic substances - metals and chemicals - with special initial focus on the elimination of the use of copper and nickel in sintered brake pads and antimony from ceramic pads.

"During the 1990s, research reports were issuing warnings about the heavy metal contamination in the San Francisco Bay. This resulted in new legislation in 2010 that has presently been adopted by both California and Washington states for cars - initially motorcycle brakes were exempted from the legislation and therefore SBS Friction and other



# KICKFLIP

*Wicked Fun*



*Le Pera*  
SINCE 1972

Made in the USA • [www.lepera.com](http://www.lepera.com)

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

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

NEW!

**Jetstream®**

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

Made in Germany®  
5 years warranty



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

Email: [info@kellermann-online.com](mailto:info@kellermann-online.com) | Auf der Hül's 184 - 186 . 52068 Aachen . Germany

and California's brake laws. This means that every new brake pad sold in the United States will meet Washington's standards for copper and other toxic chemicals.

"By working together on the Better Brakes program, ecological advocates and brake manufacturers were able to agree on an approach that protects the public and the environment. Since manufacturers sell their products globally and have relatively long product

"similar wear profile and an overall improved sense of grip and performance stability"

design cycles, these changes will have far reaching beneficial effects."

From SBS' point of view, the first products to transition into 'SBS Better Brakes' specifications are HF, HS and MS.

"Due to the performance characteristics in the new Better Brakes SP-series (similar to those of the Better Brakes HS), it has been decided to merge the two types into one. The SP compound can, as of 2023, be referred to with the equivalent HS product code. The merger of the two product-series is expected to be complete by Q3 2023.

"Next in line in the transition plan, by mid-2023, is the transition of RQ and CT products, followed by the transition of LS products and in 2024, SI products." At EICMA Thomas told AMD that the SBS R&D team had been working on the new formula since 2015 - in close collaboration with both research partners and validation institutions. The development phase has included more than 480 compound variations being developed and tested to where only the best formula has been selected. In testing, more than 1,000 dyno tests and 50,000 km (over 31,000 mph)



HF ceramic replacement compound for bikes with non-sintered pads



MS high-performance upgraded sintered compound for maxi-scooters from 250 ccm and up

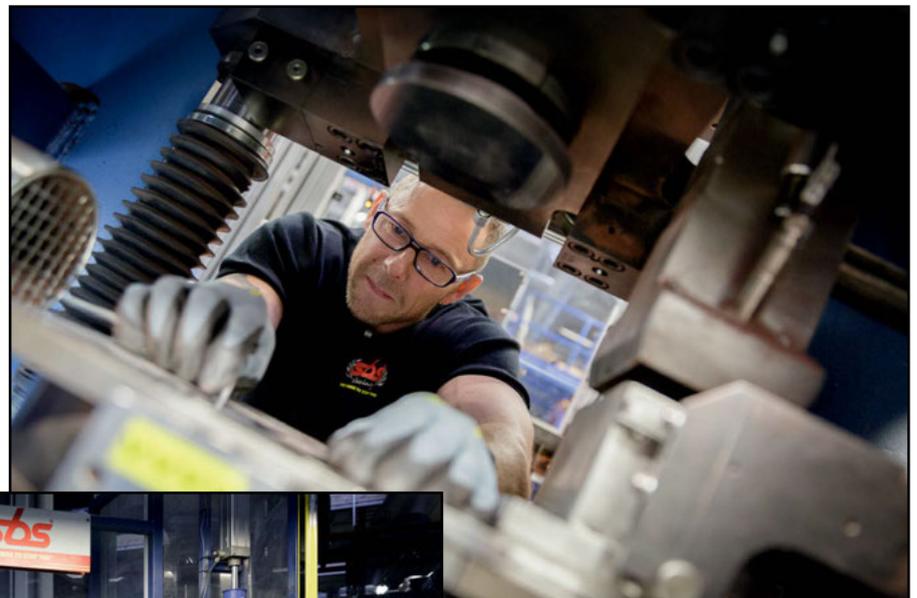
performance terms, but also result in more stable end-user pricing in the long run.

"SBS Better Brakes have been shown to deliver improved stopping power and better maneuverability in emergency situations. The metallics in the

"improved stopping power"

compounds enable an improved coefficient of friction that results in a more efficient brake grip throughout the braking cycle. The effect is an improved stopping power equivalent to between 9 and 12% in brake length terms.

"Riders can expect a similar wear profile and an overall improved



of road testing has been performed.

"With the removal of copper and nickel in sinter products, and antimony in ceramic compounds, another friction material has been required to enable an improved brake performance. SBS Better Brakes is based on a +60% iron-based compound formula. The rest consists of various different types of binders and fibers.

"Macro-economic trend forecasts by the World Bank

in Washington D.C. show that, as a resource, the price of iron is far more stable - being the most abundant element, by mass, in the Earth. The cost of raw materials are a major part of the production and end-user price inflation that the brakes industry has been suffering in the past two or more years.

**"So, it is clear that transitioning to iron, as our friction material of choice, will not only produce Better Brakes in environmental and**

sense of grip and performance stability throughout the temperature spectrum. This means that riders can expect a 1:1 responsiveness between lever grip and speed reduction."

The new compound has been designed to maintain performance, even in intense brake situations. The average commuter most often brakes in a disc heat spectrum of between 100 - 300 degrees - the

"improved fade performance"

average rider can expect a consistent braking experience throughout the ride and throughout the heat range. They can also expect an improved performance in the beginning and throughout the ride, despite the brake system getting heated. Riders will also get an improved grip feeling and an improved initial bite when braking.

Referencing the new law and the improvements that its research and development has produced, the SBS 'Better Brakes' brand name will also see a new generation of packaging introduced to differentiate the new product from the old, with the addition of a symbolic "Better Brakes" icon to its packaging. For buyer and vendor convenience, the product

# Corbin

# TRIUMPH TIGER 1200

2022

Genuine Italian Leather Breathes  
High Density Comfort Cell Foam  
Ergonomically Sculpted Seating  
On-Line Material Configurator  
Built Firm to Stay Resilient  
Excellent Comfort for Two  
Electric Heat Option

#T-TGR-12-22-F-E

#T-TGR-12-22-R-E

Optional  
Passenger  
Backrest  
#BR

[www.corbin.com](http://www.corbin.com)

## VStream® Windscreens for American V-Twins



Quantum  
hardcoated

3YR  
WARRANTY

 national  
cycle since  
1937

[www.nationalcycle.com](http://www.nationalcycle.com)  
#TheWindshieldExperts





# BETTER BRAKES®

references (e.g. 706HS or 146MS) will remain as they were.

"The SBS Better Brakes icon consists of three elements: water symbolized by the waves, the nature symbolized by the green leaf and the text. The waves symbolize the improved environmental footprint the new compound has in water use and reservoir terms.

**0%** **COPPER** (for sintered brake pads)  
**NICKEL** (for sintered brake pads)  
**ANTIMONY** (for ceramic brake pads)

The leaf symbolizes the raw nature that benefits from the cleaner riding being produced and, towards the implementation of the European Commission's Green Deal (designed to prevent packaging waste), SBS is evaluating advised material analysis, and before January 1st, 2025 a new packaging type will be announced."

The Brake Manufacturers Council has adopted the LeafMark to inform customers whether a brake pad meets the Better Brakes standards. The darker the



HF ceramic designed for commuters, general-purpose street and cruiser bikes

leaf, the more levels of compliance the brake pad meets:



HS sinter designed for modern high-performance, sport, big touring and adventure bikes

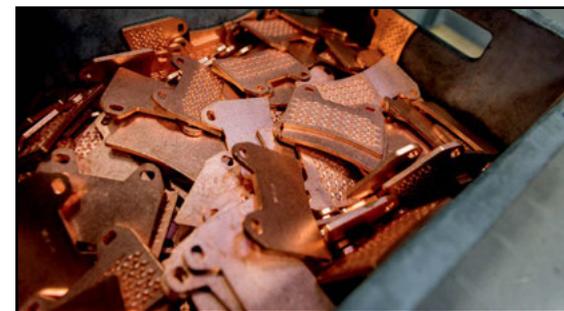


LeafMark of the Brake Manufacturers Council

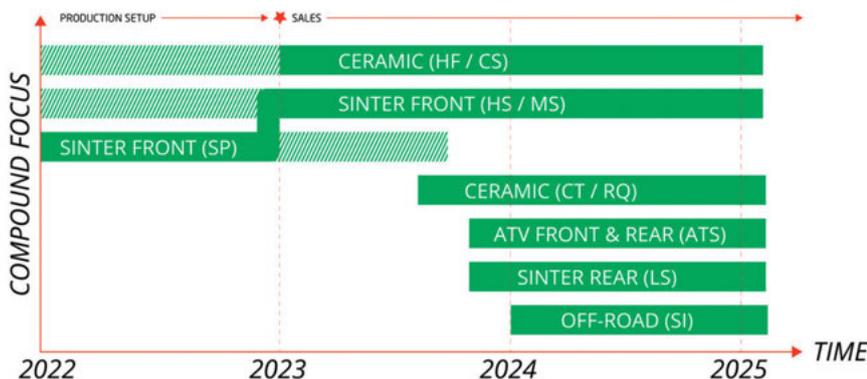
- **Level A:** limits levels of asbestos, cadmium, chromium, lead and mercury.
- **Level B:** includes all the requirements of Level A, with copper levels reduced to less than 5% by weight.
- **Level N:** includes all requirements.

SBS Better Brakes have received a Level N certification in a Brake Friction Material Environmental Certification performed by LINK under approval of AMECA. The analysis was carried out in Q2 2022.

**SBS FRICTION**  
**Svendborg, DENMARK**  
**Tel: +45 63 21 15 15**  
[sbs@sbs.dk](mailto:sbs@sbs.dk)  
[www.sbs.dk](http://www.sbs.dk)



## TRANSITION TIMELINE Better Brakes



# OIL CHANGE MADE EASY



## EXCEEDS ALL OEM SPECIFICATIONS



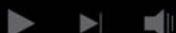
### RACE PROVEN FOR USE IN ALL MOTORCYCLE BRANDS

Maxima 4-stroke engine oils meet or exceed the requirements set forth in your motorcycle owners manual. For use in all motorcycle brands: Harley-Davidson, Triumph, Indian, Ducati, Moto Guzzi and more.



PEAC additive system was developed by Maxima and tested with factory teams like Monster Energy Kawasaki, Monster Energy Pro Circuit Kawasaki.

GUARANTEED BY MAXIMA RACING OILS / MADE IN THE USA



00:00 / 01:30

HD [ ] [ ] [ ]

# Optimate tecMATE

[www.tecmate.com](http://www.tecmate.com)

## SALES OFFICES

**EUROPE, UK & REST OF WORLD  
(FOR REGIONS NOT LISTED BELOW)**  
**TecMate (International) S.A., Belgium**  
 T: +32-16-805440  
[www.tecmate.com](http://www.tecmate.com)

**NORTH, CENTRAL & SOUTH AMERICA**  
**TecMate North America**  
 T: +1-905-3372095  
[www.tecmate.com](http://www.tecmate.com)

**AFRICA, AUSTRALIA, NEW ZEALAND**  
**TecMate South Africa**  
 T: +27-21-5316045  
[www.tecmate.co.za](http://www.tecmate.co.za)

**JAPAN, S. KOREA, TAIWAN & S.  
CHINA SEA REGION (EXCEPT CHINA)**  
**TecMate Japan Co., Ltd.**  
 Tokyo, Japan  
 T: +81-50-5374-7219  
[www.tecmate.co.jp](http://www.tecmate.co.jp)



### INTERNATIONAL HEAD OFFICE

#### THE NETHERLANDS

ZODIAC INTERNATIONAL B.V.  
 Tel: 0031 (0)297 288621  
 Email: [sales@zodiac.nl](mailto:sales@zodiac.nl)

#### AUSTRALIA

CASSONS PTY. LTD.  
 TEL: +61 28882 1900  
 Email: [enquiries@cassons.com.au](mailto:enquiries@cassons.com.au)

#### AUSTRIA

ZODIAC ÖSTERREICH  
 TEL: +43 67 64 86 40 65  
 Email: [zodiac-oesterreich@zodiac.nl](mailto:zodiac-oesterreich@zodiac.nl)

#### FRANCE

ZODIAC FRANCE  
 Tel: 01 45 93 10 75  
 Email: [zodiac-france@zodiac.nl](mailto:zodiac-france@zodiac.nl)

#### FC PARTS

Tel: 03 27 85 57 15  
 Email: [fcparts@wanadoo.fr](mailto:fcparts@wanadoo.fr)

#### GERMANY

ZODIAC DEUTSCHLAND  
 Tel: 021 37 78740  
 Email: [zodiac-deutschland@zodiac.nl](mailto:zodiac-deutschland@zodiac.nl)

#### GREAT BRITAIN

ZODIAC U.K.  
 Tel: 01453 882 917  
 Email: [zodiac-uk@zodiac.nl](mailto:zodiac-uk@zodiac.nl)

#### HUNGARY

ZODIAC MOTORCYCLE  
 PRODUCTS HUNGARY  
 Tel: 06 30 217 1832  
 Email: [zodiac-hungary@zodiac.nl](mailto:zodiac-hungary@zodiac.nl)

#### ITALY

ZODIAC ITALIA  
 Tel: 3426 561527  
 Email: [zodiac-italia@zodiac.nl](mailto:zodiac-italia@zodiac.nl)

#### SCANDINAVIA

ZODIAC SCANDINAVIA  
 Tel: +46 (0)70-518 14 62  
 Email: [scandinavia@zodiac.nl](mailto:scandinavia@zodiac.nl)

#### SPAIN

ZODIAC ESPANA  
 Tel: 663 86 81 44  
 Email: [spain@zodiac.nl](mailto:spain@zodiac.nl)

#### SWITZERLAND

AMERICAN BIKE SHOP  
 Tel: 071 761 2678  
 Email: [obs-zodiac@reintal.ch](mailto:obs-zodiac@reintal.ch)

[www.zodiac.nl](http://www.zodiac.nl)

# RICK'S MOTORSPORT ELECTRICS



- ✓ New H-D Regulators from Rick's Motorsport Electrics
- ✓ One year replacement warranty
- ✓ Available direct or through Drag Specialties



[Ricksmotorsportelectrics.com](http://Ricksmotorsportelectrics.com)  
[info@rickselectrics.com](mailto:info@rickselectrics.com)  
 1-800-521-0277

## CustomWEEK

News direct to your inbox



In addition to our 12 PRINT and 12 DIGITAL editions each year, AMD offers additional value for advertisers through our weekly newsletter/blog.

Emailed to readers 50 times a year, CustomWEEK publishes up to 500 V-twin vendor and industry related news items a year. Some items are selected items from recent or upcoming AMD Magazine editions, but many are online exclusives.

**Subscribe today**  
 email **CustomWEEK** to Sara Viney  
[Sara@dealer-world.com](mailto:Sara@dealer-world.com)

## MOTORCYCLE STOREHOUSE

**MOTORCYCLE STOREHOUSE B.V.**  
 Gotenburgweg 46, 9723 TM Groningen, The Netherlands  
 Tel: +31 (0)50 303 9775 - Email: [sales@mcseurope.nl](mailto:sales@mcseurope.nl)

**MOTORCYCLE STOREHOUSE LTD.**  
 Unit 2 Oakden Drive, Manchester, M34 2QN, UK  
 Tel: +44 (0)161 337 4390 - Email: [sales@mcseurope.uk](mailto:sales@mcseurope.uk)

## INTERNATIONAL SALES OFFICES

**MCS SPANISH AGENT**  
 Paloma Pinto  
 Tel: +34 0 93 865 7427  
 E-mail: [paloma@mcseurope.nl](mailto:paloma@mcseurope.nl)

**MCS FRENCH AGENT**  
 Bruno Selle  
 Tel: +33 (0)4 90 67 76 33  
 E-mail: [bruno@mcseurope.nl](mailto:bruno@mcseurope.nl)

**MCS GERMAN AGENT**  
 Rasi Bayazid  
 Tel: +49 (0)211 289 0538  
 E-mail: [راسي@mcseurope.nl](mailto:راسي@mcseurope.nl)

**MCS ITALIAN AGENT**  
 Marcello Fontana  
 Tel: +39 0445 390437  
 E-mail: [marcello@mcseurope.nl](mailto:marcello@mcseurope.nl)

**MOTORCYCLESTOREHOUSE.COM**

**KB PERFORMANCE MOTORCYCLE PISTONS**

**DISTRIBUTOR LIST DEALERS ONLY**

---

**GERMANY**  
**CUSTOM CHROME EUROPE**  
 Tel: 49-0-6721-4007-1425 // custom-chrome-europe.com  
**W&W CYCLES AG**  
 Tel: 49-0-931-250-6750 // www.wwag.com  
**DRAG SPECIALTIES**  
 Tel: 49-6501-96-95-1010 // www.partseurope.eu

**NETHERLANDS**  
**MOTORCYCLE STOREHOUSE BV**  
 Tel: 31-50-303-9770 // www.motorcyclestorehouse.nl  
**ZODIAC ENTERPRISES LTD**  
 31-29-728-4921 // www.zodiac.nl

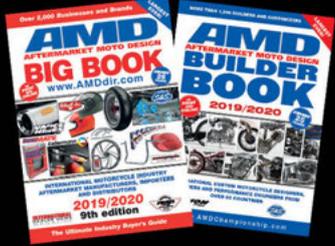
**AUSTRALIA - QUEENSLAND**  
**ROLLIES SPEED SHOP**  
 Tel: 61-0732525381 // www.rollies.com.au

**NEW ZEALAND - AUCKLAND**  
**PERFORMANCE CYCLE WHOLESALE LTD**  
 Tel: 64-9-308-1634 // www.performancecycle.co.nz

---

**UNITED ENGINE & MACHINE**  
**WWW.UEMPISTONS.COM**

**2019/2020 9TH EDITION AVAILABLE ONLINE**



**IN PRINT ONLINE ON YOUR OWN DEVICE**

Available for platform optimized online reference or searchable PDF download. Additional print copies are available on request from the AMD office in the UK.  
**www.amddir.com**

**TRADE ZONE**

For more information on TRADEZone advertising contact Sara Viney - sara@dealer-world.com



**DISTRIBUTOR NETWORK**

<p><b>Australia</b>                  Rollie's Speed Shop                  Tel: 07 3252 2129                  Serco Pty Ltd                  Tel: 07 382 3283 3</p>	<p><b>Canada</b>                  Power Twins                  Tel: 403 250 6611                  Parts Canada                  Tel: 877-277-7560</p>	<p><b>Netherlands</b>                  Motorcycle Storehouse BV                  Tel: 0031 (0)50 303 9771                  Zodiac International                  Tel: 0031 (0)297 28 86 21</p>
<p><b>Germany</b>                  Custom Chrome Europe                  Tel: 0049 (0)671 88888 0                  Parts Europe                  Tel: 0049 (0)6501 9695-2000                  W &amp; W Cycles                  Tel: 0049 (0)931 2506115</p>	<p><b>New Zealand</b>                  Performance Cycle Wholesale                  Tel: 0064 (0)9 308 1625</p>	<p><b>USA</b>                  Tucker V-Twin                  Tel: (800) 347 8080                  Drag Specialties                  Tel: (800) 222 3400</p>

**www.barnettclutches.com**

**POSTPONED UNTIL**



**FURTHER NOTICE WE'LL BE IN TOUCH!**

Handlebars - Protection Guards - Luggage Carriers - Chrome'n parts

MOTORCYCLE ACCESSORIES

**FEHLING**

MOTORCYCLE ACCESSORIES SINCE 1946



**Ernst Fehling GmbH & Co. Metallwarenfabrik**  
 Mendener Straße 1 • 58739 Wickede (Ruhr) - Germany  
 Fon. +49 (0) 23 77 - 20 33 • Fax +49 (0) 23 77 - 16 35 • eMail info@fehling.de

## THIS MONTH'S ADVERTISERS

AIM Corp (US) SDR V2 Max variable pressure clutch .....	64
Arlen Ness Enterprises (US) Rough Crafts collection and custom parts .....	19,63
Arnott Air Suspension (US) Smooth Ride Series .....	2
Badlands Motorcycle Products (US) Illuminator modules.....	22
Bagger Nation (US) 'Fairing Drop' Block Kit .....	6,7
Barnett Clutches & Cables (US) Spring conversion kits .....	47
Bitubo (IT) Rear twin shocks for Harley-Davidson .....	10
Blow Performance Exhausts (AU) High performance exhaust systems .....	25
BS Battery (FR) Plug and play battery solutions .....	4
Burly Brand (US) Custom shocks .....	11
Corbin Saddles (US) Seat options for Triumph Tiger 1200 .....	57
Custom Chrome Europe (DE) Indian 'Special' catalog.....	29
DP Brakes and Clutches North America (US) Brakes & clutches .....	51
Drag Specialties (US) Fatbook 2023 cover bike.....	13
Fehling (DE) Parts & accessories.....	61
Feuling Parts (US) 'BA' air cleaner .....	37
Freedom Performance Exhaust (US) Multiple exhaust options for multiple brands .....	39
Hawg Halters Inc (US) Radial mount calipers & Renegade wheels.....	31
JIMS (US) M-8 low profile tappet covers and pushrod cover kits .....	53
Kellermann (DE) Jetstream indicator.....	55
Le Pera Enterprises (US) Seats .....	55
Letric Lighting (US) Motorcycle lighting .....	49
Magnum Shielding (US) Complete handlebar kits.....	49
Maxima Racing Oils (US) Race proven oils .....	59
Memphis Shades (US) Road Warrior fairing with a 11" windshield .....	45
Metalsport Wheels (US) Custom forged aluminum wheels .....	47
Mid-USA Motorcycle Parts (US) Regina chains .....	23
Midwest Motorcycle Supply (US) Ultima wheels .....	37
Motorcycle Storehouse (NL) Range of AGM batteries .....	41
Müller Motorcycle (DE) Hydro clutch and Power clutch .....	45
NAMZ Custom Cycle Products (US) Wiring harnesses & fluid lines .....	37
National Cycle (US) VStream windscreens for American V-Twins .....	57
Performance Machine (US) Mid controls and contour pegs .....	21
Pingel Enterprise (US) Parts and accessories .....	53
Progressive Suspension (US) Preload adjusters .....	27
S&S Cycle (US) New for 2023 GNX slip-ons .....	5
SBS Friction (DK) Brake pads and rotors .....	35
TecMate International (BE) OptiMate 2 DUO .....	51
Tucker Powersports (US) Twin Power Shocker AGM & Gel battery options .....	15
Tucker Powersports (US) Kuryakyn custom parts .....	43
Western Power Sports (US) HardDrive products .....	9
Zodiac International (Europe) (NL) Parts & accessories, European offices .....	17,60

## THIS MONTH'S EDITORIAL ITEMS

AIM Corp (US) LF V3 Cable to hydraulic conversion kit .....	42
AIMEpo/MIC Events (US) Headed for record registrations .....	64, 16
American Prime Manufacturing Inc (US) SU rebuild service .....	36
ANCMA (IT) 2022 Italian registration data .....	12
ANESDOR (ES) 2022 Spanish registration data .....	18
Arlen Ness Enterprises (US) '7-Valve' forged wheel rims .....	46
Arlen Ness Enterprises (US) Softail brakes available through Zodiac .....	46

Baker Drivetrain (US) Compensator kit .....	50
Belt Drives Ltd (US) MotorPlate.....	36
Belt Drives Ltd (US) Hi-tech outer bearing support kit .....	52
Bigtwin/Motive Media (NL) 2022 show review .....	20-22
Bike Farm Melle (DE) Custombike Build-Off winner.....	32
BMW Motorrad Deutschland (DE) NewsBrief: Highest sales in 2022 .....	8
BS Battery (FR) Big power batteries for big inches.....	48
Bud's Harley-Davidson (US) NewsBrief: Sold to Evan Schipper .....	64
Buffalo Chip Campground (US) NewsBrief: Charity events 2022.....	8
Custom Chrome Europe (DE) Indian 'Special' catalog .....	10
Custom Chrome Europe (DE) Exhibitor at Custombike .....	32
Custom Chrome Europe (DE) RevTech Performance exhausts .....	34
Custom Dynamics (US) Softail headlight bucket with wire adaptor .....	50
Custombike show (DE) Custombike 2022 show review .....	24-33
DBBP Design (NL) Bigtwin Chopper/Bobber winner .....	22
DBBP Design (NL) Custombike Best in Show.....	24
Drag Specialties (US) Product additions .....	42
Ducati Motorcycles (IT) NewsBrief: 2022 record sales .....	12
Dynojet Research (US) Autotune and Target Tune full kits .....	50
Givi (IT) Trekker outback EVO aluminum cases .....	40
Harley-Davidson Motor Company (US) Community park plans.....	1,8
Harley-Davidson Motor Company (US) NewsBrief: Moto Culture apparel .....	8
Indian Motorcycle (US) NewsBrief: Recall of multiple models - kickstand issue .....	10
IVM Industrie-Verband Motorrad (DE) NewsBrief: German registration data .....	64
Kellermann (DE) Jetstream wins Good Design Award .....	16
Ken's Factory USA (US) M-8 rocker covers .....	36
KTM Sportmotorcycle (AT) Ownership stake in MV Agusta .....	14
Lamb Engineering (GB) Bigtwin Best in Show .....	20
Michael Lichter Photography (US) Changes to 'Motorcycles as Art' Sturgis exhibition ...	12
Mid-USA Motorcycle Parts (US) Product additions.....	44
Motorcycle Industry Association (MCIA) (GB) UK registration data 2022.....	8
Motorcycle Storehouse (NL) Exhibitor at Custombike .....	33
NAMZ Custom Cycle Products (US) High performance filter upgrade for Pan America....	52
NAMZ Custom Cycle Products (US) Royal Flush mount LED turn signals .....	52
PIERER Mobility (DE) NewsBrief: Another record year .....	64
Rick's Motorcycles /H-D Baden-Baden (DE) Front pulley cover available through Zodiac ...	46
S&S Cycle (US) Slip-on exhaust for Indian Chieftain and Challenger .....	40
SBS Friction (DK) 'Better Brakes' compounds.....	54-58
SEMA (US) NewsBrief: Comment on RPM Act.....	10
T4 Motor-Cycles (CH) Bigtwin Freestyle winner.....	22
The Jekill & Hyde Company (NL) Exhibitor at Custombike .....	33
Thunderbike (DE) Exhibitor at Custombike .....	33
Triumph Motorcycles (GB) NewsBrief: Testing sustainable fuels.....	10
Tucker Powersports (US) New management hires .....	18
VG Motorcycle (NL) Corporate structure changes .....	14
VG Motorcycle (NL) Exhibitor at Custombike.....	33
Vity's Design (IT) Performance Collection risers .....	48
Wunderlich (DE) Pan America additions .....	38
Yamaha (JP) NewsBrief: Continued AFT partnership with Estenson Racing .....	8
Zodiac International (Europe) (NL) Exhibitor at Custombike .....	33
Zodiac International (Europe) (NL) Product additions .....	46



BRAKE ROTORS & CALIPERS



VELOCITY 90 & GOLD FORK TUBES



ALL-NEW "CUSH" PEGS

## NO STOCK BIKES

INTRODUCING THE 2023 LINEUP OF ARLEN NESS® CUSTOM MOTORCYCLE PARTS FOR SOFTAIL® MODELS. FROM PERFORMANCE BRAKES TO INTAKES, EACH PART IS DESIGNED & ENGINEERED TO ENHANCE BOTH THE LOOK & FEEL OF THE M8 SOFTAIL®. SEE THE ENTIRE COLLECTION AT [ARLENNESS.COM](http://ARLENNESS.COM)



[www.ARLENNESS.com](http://www.ARLENNESS.com)

NEWS BRIEFS

As at press time, the latest available registration statistics for Germany (covering the period for January to November 2022) showed that the German motorcycle market was -7.22% YTD at 107,992 units. With the exception of January and February 2022, all months in 2022 were negative, and it is widely assumed in Europe that the German motorcycle market is now in recession. In total PTW terms, the market was essentially flat YTD at +0.69% (201,443 units).

**Bud's Harley-Davidson (Evansville, Indiana) has been sold to Evan Schipper. Established by the Morand Family in 1965, Schipper has been a Harley store owner since 2006 with dealerships in Fort Wayne (Indiana), Louisville (Kentucky) and St. Louis (Missouri).**

KTM parent company PIERER Mobility AG has announced "another record year in 2022 and positive outlook for 2023." It expects revenues in the 2022 financial year to be between €2,420m and €2,435m, which corresponds to an increase of around 19% compared to the previous year. "With 375,612 motorcycles sold in the 2022 financial year (previous year: 332,881), PIERER Mobility achieved its 12th record year in a row with a sales increase of around +13%. In Europe, the sales volume was around 130,000 motorcycles and around two thirds of the motorcycles (approx. 245,000) were sold in the markets outside Europe - North America, India and Australia in particular." In addition, the Bicycle Division achieved sales growth of more than +15% and sold 118,427 e-bicycles and bicycles (previous year: 102,753).

AIMExpo - Headed for Record Registrations and Sold-Out Expo Floor



In early January, MIC vice president of market expansion Cinnamon Kernes announced that they only had "five [exhibitor] spaces left," and by the time this edition of AMD went to press in mid-January, it is understood that an additional area of exhibitor space that had been allocated to the expo had also mostly sold.

Kernes and Kurt Whittington, MIC event operations manager, said that the Las Vegas, February 15-17 dealer expo would boast some 300 exhibitors - "we have had **Triumph, Suzuki and SSR** on board for quite some time," Kernes said, speaking about OE representation at AIMExpo. "In the last six weeks we've added several more OEMs to the line-up - **Kawasaki, KTM, Husqvarna, GasGas** and the **Piaggio Group**, which includes **Aprilia, Vespa** and **Moto Guzzi**, and we can confirm **Yamaha** and **Moto Morini**."

AIMExpo's three days of education are also described as packed, "from the 'Disruptive Thinking' talks to the MIC Symposium presentations and a variety of dealership management sessions.

"I was talking to one of our partners that will be helping us with education, and he made the statement that when the going gets tough, the smart get going with knowledge," Kernes said. "We want this show to be time really well spent, and you're now armed with knowledge for future business success."

"Registration is trending at an all-time high, so it means hotels are filling up," Whittington said, adding that attendees can still take advantage of room discounts by booking through the AIMExpo website - but the deadline is January 30."

The Motorcycle Industry Council's MIC

Aftermarket Member Summit is slated to be held at AIMExpo for the first time, on February 14 from 11:30 to 18:30.

Topics will include: Market Expansion - What role does the aftermarket play?; Innovation and Start-ups; Talent - What can we do to bring in new talent, develop their skills and retain them?; and EV- What resources and information must we develop to better inform and educate the aftermarket about EVs and the opportunity for continued expansion in powersports? Additional features at AIMExpo will include The Motorcycle Industry Council's Communication Symposium. The symposium sessions will take place throughout the show on the AIMExpo Disruptive Thinking stage and include an always valuable and 'On-Point' Keynote Presentation. Thursday 16 will see what the future of powersports holds from the distributors' perspective, with Marc McAllister of Tucker Powersports, Paul Langley of Parts Unlimited and Drag Specialties, and Chera Gibb of Arrowhead Engineered Products (WPS/HardDrive, Bih, All Balls etc.) in AIMExpo's first-ever Distributor Panel. The e-bike market is set to grow from \$49.7bn in 2022 to \$80.6bn by 2027. To help support this growth and integration into the powersports industry, AIMExpo will have an e-bike pavilion with an indoor demo course where attendees can try the latest e-bike products from some of the biggest brands in the segment.

To help highlight the latest products, AIMExpo will host a centralized place

on the floor for new products - New Product Central. NPC will have some of the latest products on display as well as a new product presentation stage where participating brands can show and talk about their latest products with our New Product host. All MIC members have complimentary access to the MIC Business Center, featuring workstations with charging



McAllister of Tucker Powersports, again co-locating its own annual dealer event with AIMExpo.

capabilities, lounge area, access to laptops and printers, use of private meeting rooms on the show floor for up to eight people and a range of complimentary benefits such as beverage service, lunch, Thursday morning MIC Welcome Breakfast and secure luggage storage.

Powered by SP Connect, there will be

Continues on page 16 >>>

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



FOR 2017+ M8 Touring & Select Twin Cam Models

# SDR V2 MAX

VARIABLE PRESSURE CLUTCH

OVER 100% MORE CLAMPING FORCE OVER STOCK

SLIMMER PROFILE DESIGN, NO SPACER REQUIRED!

## RATED UP TO 200+HP/TQ\*

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

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

### CLUTCH SOLID ADAPTERS

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

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

LINKTREE/AMCLUTCHES   AIM.CORP   AMCLUTCHES   AIMCORPTAMACHI   AMCLUTCHES

ADAPTERS   VP SDR

SCAN US PLEASE!