

**AMD
NOW IN OUR
27th
YEAR**

AMD™

AMERICAN MOTORCYCLE DEALER

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

OCT 2018
ISSUE #231

Harley to Create Advanced R&D Facility at Silicon Valley

Harley-Davidson has announced that it is following the likes of BMW, KTM, Piaggio, Royal Enfield, Hero Corp and other motorcycle manufacturers in creating an advanced technology Research and Design facility.

In Harley's case it is to be established just down the road from e-bike manufacturer Alta Motors - Harley's LiveWire R&D joint venture partner - in Silicon Valley, California, as a satellite of the Willie G. Davidson Product Development Facility that is based at Wauwatosa, Wisconsin. The new facility is expected to open as early as in the fourth quarter of 2018.

Harley says it will initially focus on electric vehicle research and development, including battery, power electronics and e-machine design, development and advanced manufacturing. In the long-term, Harley

says it may consider expanding the center's focus to embrace "an increased range of advanced technologies that uniquely leverage the rich talent in the Silicon Valley" with the aim of "supporting its most comprehensive and competitive line-up of motorcycles across a broad spectrum of price points, power

keep itself competitive as demographics and technology drive an all new direction for the motorcycle industry.

"Recently we shared with the world our accelerated plans to build the next generation of Harley-Davidson riders globally," said Matt Levatich, President and CEO of Harley-Davidson, Inc. "This new R&D facility in the heart of Silicon Valley will help us deliver on those plans and demonstrate our commitment to lead the electrification of the sport."

As part of its recently unveiled "More Roads" strategy, Harley has said that it will launch its first electric motorcycle, the much trailed LiveWire, in 2019. The plan is that LiveWire will be "the first in a broad, no-clutch 'twist and go' portfolio of electric two-wheelers designed by the company. It will be followed by additional models through 2022 to broaden the portfolio with lighter,

Continues on page 8 >>>



Future Electrics - "a broader range of light and nimble models, ready to tackle the urban landscape"

sources and riding styles." The move is part of Harley's overdue response to the changes that have been taking place in the global motorcycle industry and its need to act decisively to

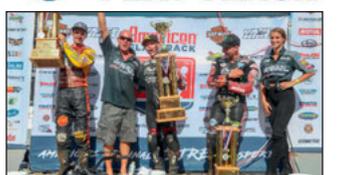
AVON'S NEW
'COBRA CHROME'



NEW INDIANS



ARLEN NESS
MEES WRAPS
5TH TITLE



**WORLD
AMD
AVON
TYRES
CHAMPIONSHIP
2018**

Channelling one of the most famous photographs in the history of the custom motorcycle industry (God bless Randy Smith!) this is 'Ricky' de Haas (Wannabe Choppers) with his project 'AlSi9Mg'. Though it has proven controversial to some short sighted so-called purists in Ricky's native Germany, could this E-bike be the shape of customs to come? Ricky is competing with it at the 2018 AMD World Championship of Custom Bike Building - 2020 will see the launch of an E-bike class



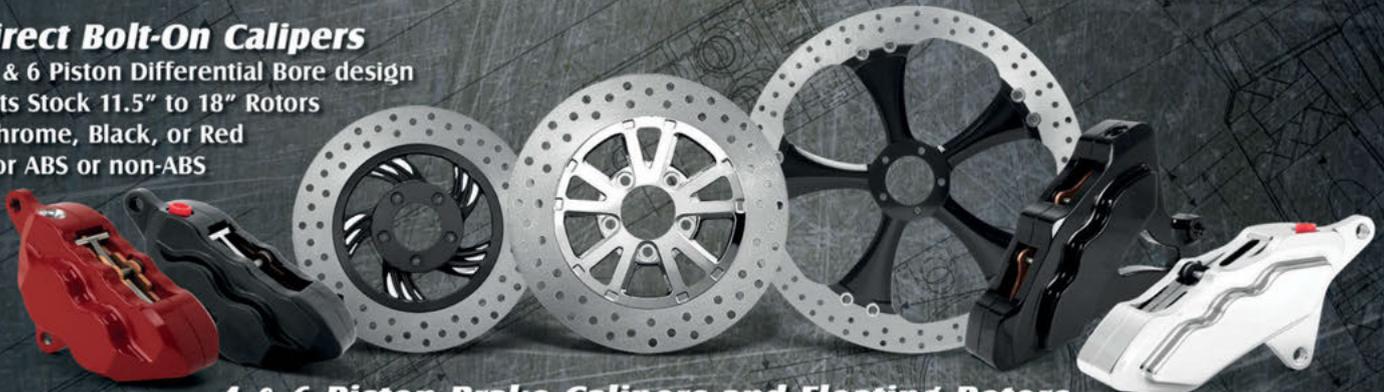
*Start With
The Best,
Build The
Best!*

Wide Tire Bikes - Ride the New Alternative!

HHI delivers complete Bolt-On Wide Tire Kits for both Early and Late Model Touring Bikes. The base kits for early bikes include triple trees, steel fender, fender spacers, hidden axle, & hardware. The late-model kits do not require a triple tree change. Many options are available including Renegade Wheels, Avon Tires, HHI Big Brakes, Billet Lower and much more. Now available with 3 Fender styles - Standard Wrap, Straight Cut Wrap, and FLH stock style.

Direct Bolt-On Calipers

- 4 & 6 Piston Differential Bore design
- Fits Stock 11.5" to 18" Rotors
- Chrome, Black, or Red
- For ABS or non-ABS



4 & 6 Piston Brake Calipers and Floating Rotors

- 11.5", 11.8", 13", & 18" Rotors in HHI Pin Drive and Cog Drive Styles
- Available in HHI designs, matching Renegade designs or your custom design
- Chrome, Black Anodize or Contrast Cut finish

*Big Wheel Bikes,
Built Right!*

Big Wheel Conversion Kits!

HHI delivers Big Wheel Kits, 23" wheel X23 Direct Bolt-On Conversion Kits, and 23", 26", 30", & 32" long & short neck triple trees, steel wrap fenders, spacer kits, Renegade wheels with mounted, balanced tires, and even pre-assembled complete front ends.



Kits now available
for Touring Bikes,
V-Rods, Softails
and Dynas.

Call HHI for a complete integrated solution
for your custom bike build!

Join us on 
Facebook.com/
HawgHalters, Inc.

HHI START WITH THE BEST, BUILD THE BEST...
Hawg Halters Inc.

Visit HawgHalters.com or Call 877.442.5837 For More Info


Proudly Made
In The USA!

EDITOR-IN-CHIEF

ROBIN BRADLEY
robin@dealer-world.com

PUBLISHER

SONJA WALLACE
sonja@dealer-world.com

GENERAL MANAGER

SARA VINEY
sara@dealer-world.com

DESIGN & PRODUCTION DIRECTOR

BEN OAG
ben@dealer-world.com

PHOTOGRAPHERS

ONNO WIERINGA
MADNESS PHOTOGRAPHY, NL
www.madnessphotography.eu
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

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.com

POST MASTER

AMD (ISSN 1465-7627) is published monthly by Dealer-World.com, 5, Rendlesham Mews, Rendlesham, Woodbridge, Suffolk, IP12 2SZ, United Kingdom. Subscription price \$200 per year. Postmaster: Please send address changes to: AMD, Dealer-World.com, 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 4

More bikes, more craftsmanship, more people, more fun, more opportunity for more sales! Robin Bradley says there'll be more of everything at this year's INTERMOT Customized



Three Steps to Off-Road Heaven 24-25

Not automatically apparent as its native habitat, Hugo Moto's Scrambler Conversion Kit options turn the venerable Sportster into a capable and fun off-roader that loves the mud, loose stuff and really can climb hills!



Cobra Chrome 32-33

Avon Tyres unveils the next chapter in the Venom/Cobra story with the 'Cobra Chrome' - a new generation custom tire that has already got builders treading a familiar path to their Avon vendor of choice

PROGUIDE: The new, the best and the must-haves 27-56

p.28 **HardDrive** AMERICAN V-TWIN PRODUCTS

p.31 **DRAG Specialties**

p.36 **Custom Dynamics**

p.37 **LOWBROW CUSTOMS** MOTOR PARTS & ACCESSORIES

p.38 **Kellermann**

p.41 **ZODIAC** PREMIUM PARTS & SPECIALISTS

p.45 **tecMATE**

p.52 **S&S** PROVEN PERFORMANCE

p.53 **CUSTOM CHROME** EUROPE **Le Pera** Since 1972

2019/2020 UPDATE SPRING 2019

AMERICAN MOTORCYCLE DEALER INTERNATIONAL AFTERMARKET DIRECTORY & BUILDER BOOK

2019/2020

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.ammdir.com

More Bikes, More Craftsmanship, More People, More Fun, More Opportunity for More Sales

With the AMD World Championship of Custom Bike Building being staged at the Cologne Exhibition Center in Germany (Koelnmesse) at the start of October, the focus here at AMD-Land has, inevitably, been on the final preparations and details to make the experience a memorable one for our competitors.

Doing so was one of the many "hallmarks of difference" that we sought to build into the 'AMD' from the start, over a decade ago, as an antidote to the scant regard in which most custom bike competition organizers appeared to hold their competitor community.

With the World Championship it has always been the opposite. The competitors who invest so heavily in being a part of the World Championship are the heroes of process as far as we are concerned, and we always do as much as we can to ensure that their investment in being with us for a week and, in some cases, in travelling many thousands of miles, not just internationally but between continents often, is something that they feel "warm and fuzzy" about making.

It is a matter of great pride, therefore, that this year we will see the reigning World Champion - Suicide Customs - traveling all the way from Japan again to defend the title, and that we are seeing so many, and so many old friends, returning to enjoy everything that the 'AMD' and the Hall 10 INTERMOT Customized show-within-show concept has to offer.

In addition to near record numbers of bikes competing this year (certainly the highest number since 2004), and a record number of exhibitors buying a record square footage at INTERMOT 'Customized', we will almost certainly see a record visitor attendance too this year as the public days are extended from four to five to incorporate the German National Holiday on 3rd October.

As it is, the attendance previously seen at INTERMOT Customized already makes it the best attended indoor expo style custom show the world has ever seen, with some 150,000 high mileage riders enjoying the custom bikes and meeting the exhibitors. As this edition of AMD Magazine went to press, it looked like we will be hosting around 95 bikes, being entered by around 65 builders from something like 30 different countries, which of itself is a record as far as we can tell.

The synergy between the bikes and a classic custom expo formula has always been a compelling one, and has always been something of a holy grail for the custom motorcycle industry. The organizers of INTERMOT (Koelnmesse) do a great job of packing as many features as possible into all aspects, including Hall 10, and the 'AMD' may be the headline news for custom enthusiasts, but it is far from the only good reason to visit INTERMOT Customized.

However, the overriding mission that we have always had with the World Championship has been to be able to create a forum, a nexus, where the greatest possible number of vendors (motorcycle manufacturers, parts and accessory manufacturers and distributors), dealers (authorized and independent custom shops), builders and, most importantly, potential customers, are able to see the custom riding options in an environment that does it justice, both in visual and attendance terms, and that is what INTERMOT Customized now represents.

It is a design and engineering showcase for the creativity, innovation and craftsmanship that our industry has always offered. Qualities that for too long have been perceived to be on the fringes of the wider motorcycling and PTW (Powered-Two-Wheeler) market, something that has been niche rather than mainstream.

Well, as we head towards the third decade of the 21st century with millions of potential new consumers emerging as savvy consumers who value quality and experience, the opportunity that a project such as the 'AMD' and INTERMOT Customized represents, is a concept whose time has clearly come.

It is a project that has the market's 'Zeitgeist' firmly in its cross hairs. At last it is a project that offers the custom motorcycle industry, and those who would like to engage with it, exactly the kind of platform that has always been needed - a convincing and genuinely global international headquarters event.

One for a market that, within a decade of now, will see some 50 percent of all new Harley and Indian motorcycle sales happening outside the USA, and a market where traditional custom brands such as Harley and Indian will only be a part of the story.

A market where, sadly, Boomers like me are (one way or another) no longer fuelling the market's spend. Instead, the money in the market will be spent by generations of consumers for whom the world without the internet, social media and digital wallet will be as alien as peak Detroit was to the horse and buggy drivers of the nineteenth century.

Most of the generation reading this are witness to societal and commercial changes the like of which have not been seen in their lifetimes before. Sure, there has always been

change, there always needs to be, but what we are part way through now is seismic. The old orthodoxies are no longer valid. The status quo of what and how the custom motorcycle industry has gone about its selling is a footnote in the ever-evolving story. The new ways of being reached and sold to that characterize the emerging consumer base may look and feel entirely different, but the differences are superficial - the fundamentals remain as valid as they ever have been.

People still want to be enthused and motivated by great ideas and opportunities, and in our own humble little backwater of the bigger picture that is global capitalism, we are seeing those fundamentals re-establish themselves. Those fundamentals may look, taste and smell different, but in our case, they are still motorcycles. People will still want to personalize them, enjoy them and spend money on doing so.

By the time you are reading this, more people will have been doing so by crowding through the aisles of the AMD World Championship of Custom Bike Building and INTERMOT Customized at Cologne, Germany, than has ever been the case at any indoor custom motorcycle expo anywhere before!

'critical mass design and engineering showcase'

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



NEXT GENERATION NO SPACER REQUIRED VP-LT/Invo

VP-LT/Invo fits behind 1998 and up both Narrow and Standard Primary Covers and stock Derby Covers without spacer and modification.

- VP-LT/ Invo seriee Line up -

- #VP026-95IV VP95LT/Invo
for High Performance, 40% more clamping force
- #VP027-84IV VP84LT/Invo
for Street Performance, 20% more clamping force & 20% Clutch Pull Reduction
- #VP028-68IV VP68LT/Invo
for Easy Clutch Pull, 40% Clutch Pull Reduction

VP-Clutch for Milwaukee-Eight VP-SDR

VP-SDR fits on 2017 Touring Models without any modification and provides you more performance and easy clutch pull.

AIM Corp. Huntington Beach, CA

www.aim-tamachi.com
Tel 714-848-3030



ON ROAD. ON TRACK. ON AVONS.



ESTABLISHED 1885



NEWS BRIEFS

St. Paul and Wild Prairie H-D (Eden Prairie) in Minnesota have been sold by Tom and Melanie Giannetti. St. Paul Harley was founded in 1945 by Howard Belmont, a local motorcycle enthusiast, with the Giannettis acquiring it in 1999. Wild Prairie was established in 2008 in Eden Prairie and boasts a 33,000 square foot facility. The buyer is Dale Rhoads, an experienced Harley dealer owning and operating numerous dealerships throughout Minnesota, Oklahoma and Kansas.

The iconic Vespa brand name is to finally appear on an electric scooter. Owner Piaggio finally confirmed that the much hyped proto-designs seen at EICMA last year finally entered production in September 2018. Piaggio says that 'Vespa Elettrica' will be the group's first product to adopt "innovative machine-man interconnectivity solutions" - available online to begin with only from the start of October. Production will be at the historic Pontedera plant near Pisa in Italy, where the first Vespa rolled off the line in the spring of 1946.

Combined registrations of electric mopeds, motorcycles and quadricycles in Europe (EU countries) reached 21,100 units during the first six months of 2018 - an increase of +49% compared to the first half of 2017 (14,160 units). Most of the electric L-category vehicles registered in 2018 are mopeds (14,150 units), followed by motorcycles (5,370 units) and a much smaller number of quadricycles (about 1,580 units).

The largest European markets in terms of electric units were France, where combined registrations of mopeds, motorcycles and quadricycles totalled 5,430 units (+24.8% on a year-on-year basis), followed by Netherlands (3,890 vehicles, +48.6%), Belgium (3,830 vehicles, +62%), Spain (2,930 vehicles, +125.5%) and Italy (1,280 vehicles, +20.9%).

An estimated 100 million electric two-wheelers, including scooters and 'PedElecs', are in use on the roads in China, and recent reforms in the Chinese EV industry are leading to an upsurge in domestic Chinese demand for European and American made brands - at least they were until the uncertainty triggered by the tariff war.

The End of the Dream?

Founders Lee Conn and Brian Case have announced that Motus, their Birmingham, Alabama based V4 sportsbike manufacturing operation has had to close down. Only as recently as in July the company was announcing the latest additions to its growing domestic U.S. dealer network.

In a statement posted to their Facebook page the owners said that "after an amazing ten-year ride, Motus is forced to shut down operations, effective immediately. "Motus' financial backers unexpectedly informed management that they will not provide sufficient capital to maintain operations and grow the business. We were surprised and disappointed, especially because we have been working so hard preparing an October 2018 product launch into a new and exciting segment, as well as new features on the MST series.

"This is very unfortunate timing and we will work to quickly find a new path forward for Motus Motorcycles and our American V4 powertrain division." In recognizing the contribution that their employees and dealers have made to the project to date, they went on to say "we are very grateful to Team Motus, truly the finest group of professionals and people, who have each dedicated so much of their hearts and soul to Motus. We are also thankful to our dealers and the many customers and supporters who have cheered us on and put gas in our tanks

along the way." In closing they said "for Motus owners, hang on to those motorcycles. As you already know, they are heirlooms, unlike any other motorcycles ever built."

Founded by company President Lee Conn and business partner and designer Brian Case in 2008, Motus manufactured "sportsbikes with accommodations for touring that are



The MST and MSTR were based on proven, low maintenance 1650 cc (100ci), liquid-cooled, all aluminum 90° liquid and oil cooled V4 small-block architecture. Producing a claimed 180 hp and 126 ft-lb of torque, the self-adjusting valvetrain, ride-by-wire, cam-in-the-block, 2 OHV 3.465 in. bore by 2.669 in. stroke engine is regarded as a highly accomplished powerplant for a sports tourer



Founded in 2008, Motus had been continuing to add to its domestic U.S dealer network as recently as July this year and had a new segment launch announcement planned for October

designed to excel in performance, comfort and range."

All Motus motorcycles - the MST and premium MSTR - were powered by V4 Baby Block engines, combining high performance with "low maintenance and a unique character that expresses the evolving heritage of the American motoring experience," according to Lee Conn.

As the first and to date only modern American sportsbike manufacturer, Motus have always enjoyed a positive reputation with the respected test riders and magazine editors who have ridden them. We here at AMD certainly wish Conn and Case well and that they can phoenix from this set-back.

Polaris Acquires Contract Manufacturer

Polaris Industries has announced a deal to acquire the outstanding share in one of its supply chain partners - WSI Industries of Monticello, Minnesota.

The deal values WSI at around \$23.9m; WSI reported net sales of \$25.9m for the first three quarters of its fiscal year ending August 26, 2018, 78 percent of which were sales to Polaris.

Commenting on the acquisition, Ken Pucel, Executive Vice President of Operations, Engineering & Lean at Polaris, said: "WSI Industries has long been a key supplier to Polaris. By bringing precision machining capability in-house, the acquisition of WSI Industries supports our long-term supply chain strategy and is an



exciting value creation opportunity for Polaris. We look forward to welcoming the WSI employees to the Polaris team." Polaris will manage WSI Industries as a distinct operation reporting into Pucel's Global Operations organization and will maintain its facility in Monticello, Minnesota.

WSI is described as a "leading contract manufacturer that specializes in the machining of complex, high-precision parts for a wide range of industries, including automotive, avionics and aerospace, energy, recreational vehicles, small engines, bioscience and the defense markets."

Sources: AMD, IDN, FT, Reuters, PSB, MPN, B&B, BDN, MCN, AP, Bloomberg



PROVEN PERFORMANCE //

Oil Pump & Cam Plate Kits for 2017 M8 Touring & 17-18 Touring/Softail® Models



OIL PUMP

- Independent scavenge sections for flywheel cavity & cam chest
- Debris screens in both scavenge pickups
- Magnet in cam chest to help prevent debris from entering pump
- Increased flow capacity on both feed & scavenge side
- Pressure relief valve can be adjusted with unit in engine

CAM PLATE

- Precision machined from billet aluminum
- Passage plugs removable for servicing
- Bronze bushings for better lubrication & improved wear characteristics
- Made in USA

Follow us online



Made in the USA • sscycle.com

FASTER SINCE 1958



Vaughn Beals - the Engineer who Saved the American Motorcycle Business from Oblivion

<<< **Continued from back page**

management practise. In a 1989 Fortune Magazine interview Beals stated that "we were being wiped out by the Japanese because they were better managers. It wasn't robotics, or culture, or morning calisthenics and company songs. It was professional managers who understood their business and paid attention to detail."

One measure of the challenges faced by Beals and his team, and the success they achieved, was in terms of quality control. Having implemented the kind of Japanese style 'Just in Time' inventory control and production quality inspection protocols that manufacturing worldwide takes for

granted these days, Harley managed to slash post production snagging (on output that dipped to a low of around 37,000 units a year) to 1 percent from 50 percent by 1987.

Beals had no biking background before joining AMF in 1975 as a senior manager in its motorcycle operations – critically though he had an engineering background and understood the importance of R&D. As an MIT aeronautical engineering graduate, his time in the aviation industry had included ten years directing technological research, moving on in 1965 to become vice president of research and engineering, and later a divisional head at truck engine manufacturer Cummins.

Beals served as CEO until March of



1989 and continued to serve as chairman until May of 1996. He was succeeded by Richard F. Teerlink as CEO in 1989, and as chairman in 1996. To this day Harley operates the Vaughn L. Beals Tour Center at its assembly plant at York, Pennsylvania.

"During some of the most challenging times in the long legacy of Harley-Davidson, Vaughn Beals brought

vision and powerful leadership to this great company, said Harley-Davidson President and CEO Matt Levatich. "Most significantly, he ensured that this 'Eagle Soars Alone.' We've carried his leadership lift under our wings ever since, and we always will."

Beals is survived by his wife of 67 years, Eleanore, and numerous children and grandchildren.

Harley to Create Advanced R&D Facility at Silicon Valley

<<< **Continued from cover**

smaller and even more accessible product options to inspire new riders with new ways to ride."

Those additional models will likely include models that are broadly in line with the "Future Electrics" concepts that were also unveiled in the "More Roads" strategy document. The "broader range" of electric model concepts seen in "More Roads" included models that are "light, nimble and ready to tackle the urban landscape" and "more accessible product options to inspire new riders with new ways to ride". The concepts visualized an Enduro style street/off-road surface-capable cross-



over and a European style city and campus hopper that would be ideal for 'Pay and Go' rental fleets. It is thought that new models may also include scooters and PedElevs.

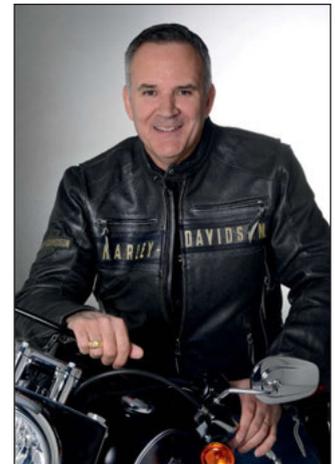
The company says it has already begun recruiting "top talent in electrical,

mechanical and software engineering with experience in developing and delivering a wide variety of EV systems from design through production." The facility will initially employ a staff of approximately 25, most of which the company intends to hire from within the Silicon Valley area.

'scooters and PedElevs'

"This is an exciting time in Harley-Davidson's incredible history, and it's also an exciting time to join our company and help shape our future," said Levatich.

In fact, Harley and other manufacturers are treading a path down a trail first blazed by Ducati at around the time that Harley-Davidson tried to buy the Bologna,



Matt Levatich, Harley CEO: "This new R&D facility in the heart of Silicon Valley will help us deliver on our announced plans and demonstrate our commitment to lead the electrification of the sport"



A European style city and campus hopper, ideal for 'Pay and Go' rental fleets

Italy based manufacturer - before settling for MV Agusta - which Matt Levatich was tasked with turning around, something he did with considerable success before the Wandell era saw MV (and Buell) jettisoned.

The Ducati Research Centre was created in 2006 as the result of cooperation among the Universities of Bologna and Trento, Italy, where a significant team of engineers have been working to develop "innovative solutions in the systems of emission reduction and alternative traction."

In 2012 Ducati went on to establish the Ducati Energia Group research and development operation, whose activities have included new production and engineering research and new product prototyping.



**ARLEN
NESS**



THE ALL-NEW ARLEN NESS FORGED WHEEL LINE

We designed and tooled up our own forgings. Added world class machining with world class chrome and anodized finishes. Developed a cartridge type hub design that makes our wheels more concentric than anything else in the v-twin aftermarket. While the rest of the industry mounts an outdated log style hub, we changed the rules by meticulously sculpting every detail of our cartridge hubs and our industry first hub covers to finish the design all the way to the bearing. Check them out at www.arlenness.com.



[instagram.com/arlennessmotorcycles](https://www.instagram.com/arlennessmotorcycles)



www.facebook.com/ArlenNess

**ARLEN
NESS**
WWW.ARLENNESS.COM

Moto Bay Classic - Motorcycles, Music and Art in the City by the Bay

Photos: Jacob Vaughan

San Francisco, August 16 - 18

Tucker V-Twin's Dale Spangler reports

Following the success of the first annual Moto Beach Classic at Bolsa Chica State Beach, Huntington Beach, California, in October 2017, those intrepid showmen and women at Roland Sands Design (RSD) took the formula north to the San Francisco Bay in August this year and saw over 5,000 guests attend a one-day festival that has generated a veritable storm of internet and social media traffic.

"This was a passion project," says Roland Sands, "and our first attempt for RSD to bring our 'Greatest Show on Dirt' to San Francisco's Embarcadero Pier 32 for a celebration of motorcycles, music and art."

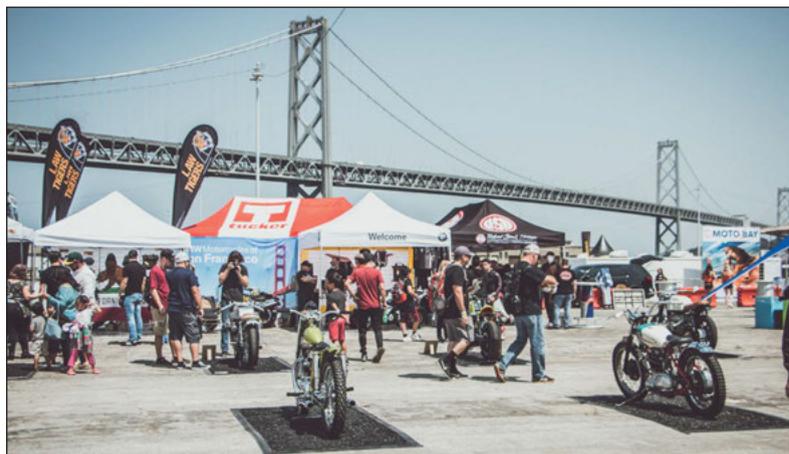
The combination of motorcycle flat track and drag racing with a surf competition, art show and music that made the Moto Beach Classic an overwhelming success first time out looks to be a winning formula that plays just the right notes at just the right time.

With its urban setting and spectacular views of the Oakland Bay Bridge, San Francisco Bay and downtown skyline, Pier 32 is a picture-perfect place to hold a motorcycle event. With racing, stunt riding, music and art on the schedule, Sands created the Moto Bay Classic to have its own unique festival atmosphere with the same focus on fun as Moto Beach.

No stranger to motorcycle action, Pier 32 is the same location where the 2000 Summer X Games took place—the first to include Freestyle Moto-X. It was here that a then 15-year old Travis Pastrana recorded the highest score in X Games history with a 99.00 Gold Medal run. Less talked about is that Pier 32 is also the location of Pastrana's (in)famous jump into San Francisco Bay. Having just won his first X Games Gold, Pastrana donned a life vest under his riding gear and proceeded to launch himself (and his Suzuki RM125 motorcycle) off a four-foot high berm into San Francisco Bay, much to the delight of the fans in attendance. Needless to say, the city of San Francisco (and EPA) were not as impressed, and Pastrana's derring do is not talked about much in those parts these days.

Supported by Tucker V-Twin, who had two VIP dealer experience facilities set up, practice for the hooligan racers kicked off the program at 11:00 am with the roar of the twin-cylinder engines and smell of burnt rubber bouncing around and blowing through the downtown canyons of the San Francisco cityscape.

Although hooligan racing has been around since the 1970s, "run what ya' brung" racing has really taken off in the last few of years, and as a result,



RSD created a national championship series. With events scattered throughout the western half of the United States, the 2018 Super Hooligan National Championship Series (SHNC) is comprised of nine races. With a limited set of rules, racers must show up on a 750 cc or larger street bike, from any manufacturer, and the rules focus on minimal fabrication to keep costs low. For example, a stock production frame must be used, and no geometry changes are allowed unless they are not bolt-on.

The result is an accessible form of racing with a more level playing field and closer racing. In addition to the premiere Super Hooligan, other less serious classes include Run What Ya' Brung, Air-cooled 2-Stroke, Mad Monkey Mini (150 cc or under), SuperMoto, and even a small-bore XR class. Part of the allure of hooligan racing is that the bikes raced are typically not meant for the track. Instead of exotic and expensive factory race bikes, these are everyday motorcycles - which only adds to the grassroots street-cred appeal of hooligan racing.

As the racers burned rubber on the hooligan track, at the same time over on the gymkhana course the finals of

the fifth annual San Francisco International Police Motor Skills competition were going on. The competition started on Thursday with semi-finals on Friday and the finals Saturday. Think these policemen just sip coffee and eat donuts all day? Think again! These guys can ride! Seeing the bike handling skills of these policemen was impressive—especially the ones riding police-issue baggers.

A stroll through the venue around noon revealed the other Moto Bay activities going on, such as the "Kidkhana" electric strider bike demos for kids, the "Architects of Inspiration" art and bike show sponsored by Husqvarna, and bike demos by several of the OEMs. Vendors were scattered about selling their wares, and Tucker distributed brands Roland Sands, Arlen Ness, Vance & Hines, Performance Machine, Burly Brand, Progressive and Dunlop, who were all in attendance to display product and interact with the fellow motorcyclists in attendance.

The main event Hooligan racing commenced around 3 pm. Andy DiBrino took a close-fought win in the Super Hooligan final, with Robert Bush and Mikey Hill rounding out the podium. A crowd-pleasing display of tire-shredding burnouts followed the finish and the air filled with smoke while shards of flying rubber peppered fans lining the race course.

With its mix of motorcycles, music, and art in a laid-back festival setting, the Moto Bay Classic had all the right ingredients for a perfect day of fun. As the event's description states, "the RSD Moto Bay Classic promises something for everyone. With a constant flow of activities and participation from attendees, you're not just watching the show, you're a part of it," and to judge by the reaction of the crowd, we'd say the RSD crew hit the mark!



All your needs for your builds!



The easiest and safest way to deal accross the atlantic!

www.mag-connection.com - info@mag-connection.com



LATEST

Photos courtesy of American Flat Track

Jared Mees Takes Fifth AFT Twins Championship; Dan Bromley takes Singles Title for KTM

Indian Motorcycle factory rider Bryan Smith (No. 4 Indian Motorcycle Racing backed by Allstate Scout FTR750) won an epic, four-way battle at the 100th running of the Harley-Davidson Springfield Mile, Illinois, (Sunday September 2) with a dramatic, final-lap pass of series leader and teammate Jared Mees (No. 1 Indian Motorcycle Rogers Racing SDI Scout FTR750).

Mees remained the big winner, however, as his runner-up finish secured his fifth AFT Twins presented by Vance & Hines championship. He has scored 10 wins and victories in four of the five Miles in 2018, plus 40 career Grand National Championship victories, the fourth highest of all time. Smith's win was his first in sixteen months (he won the May 2017 Springfield Mile), but his ninth at the legendary Illinois venue. Third place went to 2018 Springfield Mile I winner Jeffrey Carver Jr. (No. 23 Roof-Systems of Dallas/Indian of Metro Milwaukee Scout FTR750); Henry Wiles (No. 17 Bandit Industries/Wilco Racing/Willy Built Indian Scout FTR750) was fourth, with Briar Bauman (No. 14 Zanotti Racing Indian Scout FTR750) in fifth. Springfield saw a second 2018 trial outing for the experimental AFT Production Twins class with Michael Inderbitzin (No. 54 Weirbach



Kawasaki Ninja 650) taking the win in a Ninja 650 podium sweep. The weekend's AFT Singles Class saw a fourth AFT Singles win of the season at the Springfield Short Track for Pennsylvania native and current AFT Singles points leader Dan Bromley (No. 62 KTM North America/Bromley Motorsports 450 SX-F). The following weekend (September 9)

Briar Bauman (No. 14 Zanotti Racing Indian Scout FTR750) won the Harley-Davidson Williams Grove Half-Mile presented by Appalachian Harley-Davidson at Mechanicsburg, Pennsylvania, with his younger brother Bronson Bauman taking second (No. 37 Indian Motorcycle/Howerton Motorsports/Allstate Scout FTR750). With the win, Briar became the final

rider ranked in the championship's top six to score a race victory on the 2018 American Flat Track presented by Vance & Hines season. Jared Mees finished third - his 14th podium in 16 races this season.

The win in the AFT Singles was taken by Tanner Dean (No. 38 Waters Autobody/D&D Powersports KTM 450 SX-F), but the season is now officially owned by Dan Bromley (No. 62 KTM North America/Bromley Motorsports 450 SX-F), who did what he needed to do in order to secure the 2018 class crown, finishing seventh and ahead of his nearest championship rival Ryan Wells. In doing so he scored the 2018 title a full two rounds early.

Shayna Texter took second place in the race for Husqvarna, with Morgen Mischler (No. 69 Cycle Craft Yamaha/Rohde's Sales & Service Yamaha YZ450F) third. With two rounds to go, the Singles class has now seen 10 different winners in 16 races - Bromley taking four of those wins to go with his 11 total podiums.

Photo Credit: Scott Hunter/American Flat Track



100% NEW 100% ZODIAC

www.zodiac.nl

TBR

Two Brothers Racing
Performance slip-on mufflers and complete 2-into-1 exhaust systems.
For selected models also available with E-approval.

3



SLIP-ON MUFFLERS

art. no. 753173

For Touring models.



2-INTO-1 IN STAINLESS STEEL

art. no. 753134

For 2014-up Sportster.

OPTIONAL REMOTE CONTROL UNIT

art. no. 749980

For MCJ mufflers.



E-APPROVED SLIP-ON MUFFLERS

art. no. 749977

With adjustable sound level.
Now also for Milwaukee Eight Softail.

ORDER THE ZODIAC BIKERS BOOK #41 INCLUDING THE SUPPLEMENT 2018
at www.zodiac.nl/ordernow



Over 1,900 full colour pages.
Available in English, German, French, Italian and Spanish.

art. no. 754220

Chrome center windshield trim.



art. no. 754218

Horizon LED windshield trim.

art. no. 754222

LED vent trim.



art. no. 754235

LED Road Blades.

art. no. 754235

LED Road Blades.

art. no. 754238

LED turn signal / running light inserts.

art. no. 754236

FANG LED headlight bezels.

MEET US

INTERMOT
CUSTOMIZED

3 - 7 October,
Cologne, Germany

MONDIAL
DE LA MOTO
PARIS

4 - 14 October,
Paris, France



PERFORMANCE PRODUCTS FOR HARLEY-DAVIDSON

Original Zodiac parts and accessories are only available through Zodiac retailers (not directly from Zodiac by mail-order).

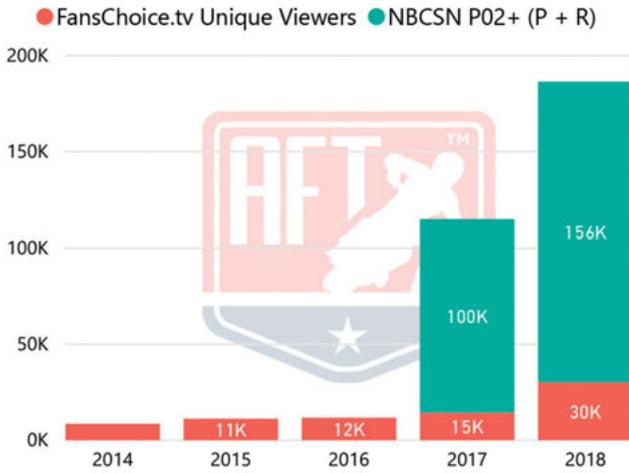
Zodiac International b.v. - Tel. +31 297 288 621 - sales@zodiac.nl
Branch offices in Austria, France, Germany, Hungary, Italy, Netherlands,
Spain, Scandinavia, Switzerland, United Kingdom

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

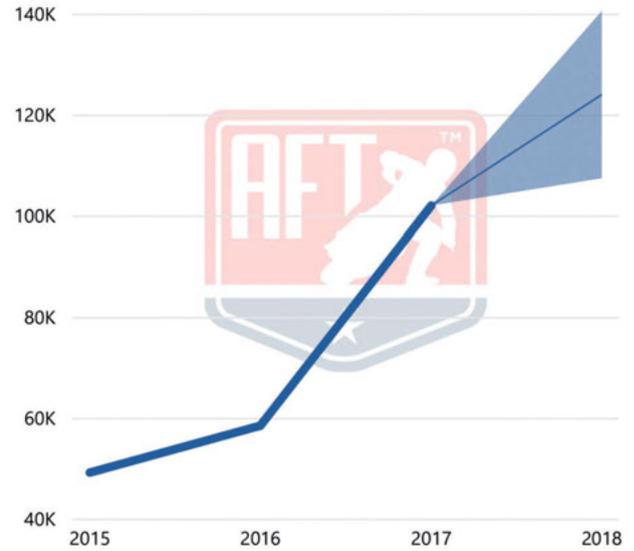


PERFECT FITMENT | WIDE PRODUCT RANGE | FAST DELIVERY | QUALITY & EXCELLENCE | NO NONSENSE WARRANTY

AFT Audience Metrics Growing and Diversifying



Annual AFT Ticket Sales



In an open letter to stakeholders at the end of August, the AMA Pro Racing's CEO for the American Flat Track series (AFT), Michael Lock, announced that AFT "is now producing audience and viewership dashboard reports" and that they "tell a compelling story." These downloadable reports

"help shed light on the growth and health of our sport, which is measurable by the size and makeup of the audience we reach and entertain. "In the three years since 2015 we have risen from 193,000 total season fans (event ticket buyers and FansChoice.tv viewers) to 2,695,952 so far in 2018" (with five telecasts and

four rounds still to go). "Our viewership and fanbase isn't just expanding, it's also becoming more diverse. Our regional fanbase is spreading, as well, and rider-counts on track this year are up. We are enjoying an era of rapid growth: more manufacturers competing, more sponsors and supporters becoming involved, and better

social media content ensuring our message gets out quicker and to more people. "I'm hoping the results being achieved will inspire everyone in our community to continue the hard - and fun - work that will make 2019 and beyond even better for everyone - paddock, sponsors, AFT and fans alike."

MOTORCYCLE STOREHOUSE



AMA Adopts Official Statement on Automated Vehicles

The AMA has adopted an official position statement on automated vehicles that calls on government agencies and elected officials to include motorcyclists in the ongoing discussion, planning and implementation of the policies and regulations governing the rollout of automated vehicles.

"Failure to specifically address motorcycles in statutory and regulatory language amounts to the abandonment of motorcycle safety by legislators and regulators," the position statement reads. "Essentially, the issue of distracted and inattentive driving will mushroom into a monumental hazard for motorcyclists when flawed AV technology enters the transportation mainstream."

AMA President and CEO Rob Dingman said the position statement emerged from the organization's ongoing involvement in this crucial issue and reinforces the organization's commitment to motorcyclist safety.

"This new position statement is an essential element in the association's continuing efforts to convince



AMA President and CEO Rob Dingman says motorcyclist safety should be an essential part of the development, deployment of new technology

regulators, technology companies and automakers to ensure that automated vehicles fully and effectively identify and properly respond to motorcycles in all traffic situations," Dingman said. "We have been pursuing that goal ever since developers and manufacturers began testing these new technologies, and we will be redoubling our efforts as more companies put AVs into service on public roads."

The AMA recognizes that some features being developed and tested may result in a reduction in the number of crashes and injuries involving motorcyclists. However, no mandate is in place to require motorcyclists are included in the discussion or that motorcycles be specifically addressed during development of detection devices and software development.

NEWS BRIEFS

BRP has released fiscal year 2018 second quarter results, reporting "strong momentum in North America powersports retail - up +16%, outpacing the industry." Revenues were CAN \$1,207.0 million, an increase of +18.0%; gross profit of CAN \$280.1 million, 23.2% of revenues; and an August 2018 formal completion of the Triton Industries Inc., acquisition, the Lansing, Michigan based manufacturer of Manitou Pontoon Boats.

Robert C. Fox, Jr. has retired from the board of directors of Fox Factory, the company he founded. A Physics graduate, in 1974 Bob Fox set out on a quest to "redefine motocross suspension, believing that there had to be a better solution." In 1976, Kent Howerton won the 500cc AMA Motocross National Championship on Bob's AirShox and Marty Smith followed with another 500cc Championship for Fox in 1977, creating a demand for Bob's suspension and Fox Factory was born the following year.

Sources: AMD, IDN, FT, Reuters, PSB, MPN, B&B, BDN, MCN, AP, Bloomberg



Roeg[®]
moto co.

FOR NO GOOD REASON

WWW.MOTORCYCLESTOREHOUSE.COM



Indian Big Twins - "New Technology that Enhances the Riding Experience"



Indian Motorcycle has followed up the news about its 2019 Scout models with details of its Big Twin offer for the year ahead – the 2019 Chief, Springfield and Roadmaster models "with new technology designed to enhance and customize the riding experience."

Dark Horse models also get darker with premium gloss black finishes and expanded color options on the Springfield Dark Horse and, developed in direct response to rider feedback according to Indian, the new technology features "focus on improving performance, comfort, and providing more customization."

The new features include Selectable Ride Modes, Rear Cylinder Deactivation, Improved Airflow on Roadmaster lower fairings and enhanced audio systems.

Riders can now choose between three Ride Modes on the fly – Tour, Standard or Sport – "for a ride experience that's customized to their riding style. The throttle map for each Ride Mode was designed with a specific application in mind, resulting in one motorcycle with three distinct personalities."

"The 'Tour' mode features a smooth throttle response for relaxed cruising; 'Standard' mode features a crisp throttle response and well balanced

power delivery for responsive passing power and predictable, slow-speed handling; the 'Sport' mode features an instant throttle response and aggressive power delivery for head-snapping acceleration.

"To increase rider comfort, all Thunder Stroke 111 models are now equipped with Rear Cylinder Deactivation. When the engine reaches operating temperature and the ambient temperature exceeds 59 F, the rear cylinder will automatically deactivate when the bike is at a standstill, resulting in less engine heat for improved comfort in slow-moving or stopped traffic. The rear cylinder instantly reactivates when throttle is applied for a seamless transition to full power.

"The lower fairings on the 2019 Roadmaster have been redesigned and optimized to provide significantly more airflow to the rider. The redesigned airflow vent can be adjusted from all the way open for maximum airflow to fully closed for total weather protection. The new lowers can be retrofitted to bikes from past model years with the addition of new highway bars."

Several enhancements have been made to the stock Indian audio system to "significantly improve sound



quality." The tweeters have been separated from the mid-range speakers to optimize sound output and clarity, and a fully customizable dynamic equalizer now adjusts specific frequencies at different vehicle speeds - as speed increases, the equalizer automatically adjusts each frequency to the optimal level to compensate for road, wind and engine noise.

"These enhancements for 2019 showcase our commitment to listening to riders and continuously improving their experience with our products," said Steve Menneto, President, Indian Motorcycle. "We are laser-focused on delivering a best-in-class riding experience, and these new

technologies represent a focus on quality that will continue long into the future of Indian Motorcycle."

Also, the 2019 Chief Dark Horse and Springfield Dark Horse received several style updates that "further accentuate their mean, custom styling. These models now boast premium gloss black finishes on the engine, including the primary, valve and cam covers, push-rod tubes, as well as on the exhaust and saddlebag hinges. Springfield Dark Horse is now offered in two colors and there is a 19" contrast-cut wheel. The front highway bars and windshield were removed to "punctuate its sleek, streamlined stance."

Indian Motorcycle Announces 2019 Scout Line-Up

Indian Motorcycle has announced its 2019 60 ci, 100 hp, liquid-cooled V-twin Scout line-up with new paint options on Scout Sixty, Scout and Scout Bobber. Key feature upgrades for 2019 include an expanded ABS offering and a new USB charging port on Scout and Scout Bobber models.

New for 2019, an ABS (anti-lock braking system) is now standard on every non-black Scout Sixty, Scout and Scout Bobber model.

For the Thunder Black color option, riders can choose between a model that's equipped or unequipped with ABS. The Scout and Scout Bobber will also receive a USB charging port in 2019, a convenient feature that allows riders to charge a personal device while riding. The charging port is located near the speedometer for easy access.



"The iconic Indian Scout family is a favorite amongst riders across the globe," said Reid Wilson, Senior Director for Indian Motorcycle. "Since the addition of the Scout Bobber in July 2017, we've continued to evolve our Scout offering to meet the tastes of various riders, whether they prefer the heritage-inspired look of Scout Sixty and Scout or the stripped-down, blacked-out attitude of

Scout Bobber. The refinements we've made for 2019 and the new paint options accentuate the wide appeal of the Scout line."

Color options for the Scout Sixty with blacked-out engine include Thunder Black, White Smoke, Ruby Metallic and Star Silver over Thunder Black; for the Scout - Thunder Black, Deep Water Metallic, Metallic Jade, Indian Motorcycle Red over

Thunder Black and Willow Green over Ivory Cream; for the Bobber - Thunder Black, Thunder Black Smoke, White Smoke and Bronze Smoke.

For current Scout owners looking to add the benefits of the USB charging port, Indian Motorcycle will now offer a USB Charging Port Kit, which can be installed on any '15-'18 Scout or Scout Bobber model and any 2016 and up Scout Sixty.

Redesigned 2019 Chieftain and Loudest Indian Audio System



Indian Motorcycle has announced a redesigned Chieftain line-up. For 2019, the Indian Chieftain, Chieftain Dark Horse and Chieftain Limited feature "more streamlined, aggressive styling that reflects the bike's well-established performance capabilities. For those loyal to Indian's classic designs, the 2019 Indian Chieftain Classic will continue to feature its traditional fairing and iconic valanced front fender.

"As we continue to evolve the Indian Motorcycle brand, we want to expand our line-up with more aggressive style options, while still maintaining the availability of our more classic style options," said Reid Wilson, Senior Director for Indian Motorcycle. "What's most important to us is developing motorcycles that meet a wide variety of customer style preferences, and Chieftain's new look does just that." A restyled fairing and saddlebags with "sharper lines and harder edges" are designed to give the bike a "commanding presence and more streamlined look." A trimmed and slimmed fairing, paired with full LED

lighting and new fork guards, "delivers a streamlined front-end package that's indicative of the bike's impressive performance capabilities. The Chieftain's new, slammed saddlebags with color-matched fender closeouts also provide a sleek and custom-inspired look. While the new Rogue gunfighter seat gives the bike a sleek, low-slung stance, Chieftain maintains its superior handling and comfort with more than four inches of rear suspension travel."

In addition to the styling and design enhancements, the 2019 Chieftain line-up features new ride-enhancing

technology, with Indian claiming increased performance customization and rider comfort. "For a more customized ride experience, riders can now choose between three Ride Modes – Tour, Standard or Sport. The throttle map for each Ride Mode was designed with a specific application in mind, resulting in one bike with three distinct personalities. All 2019 Chieftains are also equipped with Rear Cylinder Deactivation for increased rider comfort when the bike is stationary."

In addition to new paint and finish options, enhancements have been

made to Indian Motorcycle's stock audio system "to significantly improve sound quality." The tweeters have been separated from the mid-range speakers to optimize sound output and clarity; a fully customizable dynamic equalizer adjusts specific frequencies at different vehicle speeds to provide peak system performance at all times - as speed increases, the equalizer automatically adjusts each frequency to the optimal level to compensate for road, wind and engine noise. The result is said to be crystal clear, 100 watt of "premium audio" at all speeds.

With PowerBand Audio, riders can choose from audio configurations that are up to 50 percent louder than the stock audio. The system is said to be engineered with an integrated amp on the speakers and therefore does not require additional amps. The premium audio package is fully integrated with the Ride Command system, which automatically recognizes the upgrade and takes the equalizer from five to nine bands with additional pre-set options and volume control. There are three kit options - PowerBand Audio (fairing upgrade), PowerBand Audio Plus (fairing and saddlebag upgrade) and PowerBand Audio Plus with accessory trunk (fairing, saddlebag and accessory trunk upgrade).



Le Pera
SINCE 1972



FIT FOR A KING.

DAYTONA W/FLAT TRACK PLEAT

Available for Dyna and Sportster '04 - '06 / '10 - '18

www.lepera.com

AMA Motorcycle Hall of Fame announces Class of 2018

The AMA is to welcome six new inductees into its Motorcycle Hall of Fame.

The ceremony will officially induct four-time AMA National Enduro Champion Terry Cunningham, stunt rider Gary Davis, flat track and road racing tuner Skip Eaken, MotoGP World Champion Nicky Hayden, flat track racer Clifford "Corky" Keener, and pioneering motorcyclist Mary McGee.

The induction ceremony is part of the 2018 AMA Legends & Champions Weekend, December 7-9, which also includes the 2018 AMA Championship Banquet at the Hilton Columbus/Polaris on December 8, and an open house and formal instalment of Hall of Fame honors at the AMA Motorcycle Hall of Fame in Pickerington, Ohio, on December 9.

Terry Cunningham is a champion off-road rider (a four-time AMA Grand National Enduro Champion) who played a significant role in the growth of off-road racing in the United States in the 1980s. His efforts anchored the success of the Husqvarna Motorcycle Company throughout the decade.

His other awards included six International Six Days Enduro gold medals and a silver medal. He also was a member of the American 1982 ISDE team that finished second overall against the best off-road riders in the world.

Gary Davis, from Auburn, California, has spent more than 30 years in show business. He performed, coordinated and directed stunts in more than 280 films, 250 television episodes and 190 commercials. His longtime contributions have showcased the thrills of motorcycling to millions through the reach of Hollywood.

Davis' motorcycle career began as an AMA professional dirt-track racer in 1969, riding alongside notables such



Hall of Famers Kenny Roberts and Gary Scott. He began exhibition motorcycle jumping in 197. In 1972, he entered the Guinness World Records for clearing 21 cars, bettering Knievel's 19-car mark. After three years of jumping and more than 300 public jumps, he began doing stunt work.

Skip Eaken was a motorcycle racing tuner from Lodi, Ohio, who began building competitive and reliable flat track racers in the 1970s. He notched his first Grand National victory in 1983 with Ted Boody riding an Eaken-prepped Harley-Davidson.

Eaken (who died in 2012) is best known as the mechanic who worked on AMA Motorcycle Hall of Famer Bubba Shobert's factory Honda motorcycles in the 1980s, when Shobert won three AMA Grand National Championships, collecting an AMA Superbike title and 28 Grand National flat track wins.

Known as "The Kentucky Kid," Nicky Hayden, of Owensboro, Kentucky, was a force on the American motorcycle racing scene before taking his talent to the world stage, ultimately winning motorcycle racing's grandest championship, the FIM MotoGP title in 2006.

Born in 1981, Hayden raced flat track

and road raced Yamaha YSR50s and then Honda RS125s as a youngster. He turned pro at the age of 16. As a professional, Hayden competed in the AMA Grand National Championship, the pro flat track series, as well as in AMA Pro Road Racing.

He signed with American Honda in 1999 to race the AMA 600 Supersport class, winning the 600 cc championship that same year. Honda moved Hayden to the factory AMA Superbike team in 2000, and in 2002 he captured the AMA Superbike Championship. At age 21, Hayden became the youngest champion in the history of AMA Superbike racing. Hayden then moved to the Repsol Honda MotoGP effort for 2003, earning his first MotoGP win at Mazda Raceway Laguna Seca in Monterey, California, in 2005. He won there again in 2006 while on his way to winning the MotoGP World Championship. Hayden moved to the factory Ducati team in 2009, returning to Honda in 2014. He began racing in the FIM World Superbike series for Honda in 2016.

Tragically, Hayden was hit by a car while training on a bicycle in Italy on May 17, 2017. He succumbed to his injuries five days later, on May 22.

Clifford "Corky" Keener was a

professional flat track racer during the 1970s. Known by the nickname "Mr Dirt," he worked as an electrician for General Motors Corp. while he was getting his racing career started. He eventually became a factory Harley-Davidson rider and won five AMA Grand National races during his career. He raced during a talent-filled era that often had him banging bars with the likes of AMA Motorcycle Hall of Famers Kenny Roberts and Jay Springsteen.

Mary McGee was among the first women to race motorcycles in motocross and road racing events in the United States. She started her off-road career by riding a 1962 250 cc Honda Scrambler in an AMA District 37 enduro. She began riding Baja events in 1967 and, in 1975, rode solo in the Baja 500. During the 1970s, she worked for Motorcyclist magazine and joined editors Jody Nichols, Brad Zimmerman and Rich Cox for a 24-hour road race in Las Vegas, in which the team changed riders every hour on a 650 cc Suzuki.

In more recent years, she has returned to competing in select vintage races, while speaking out in support of women racers and recreational riders getting started in motorcycling.

www.americanmotorcyclist.com

SEVENTIES LINE HANDLEBAR CONTROLS

Available for 1" and 7/8" handlebar, 12mm and 14mm bore piston, in Polish, Satin, Raw and Black finish

KUSTOM TECH
QUALITY MOTORCYCLE PARTS

BRAKE

CLUTCH

info@kustomtech.eu

www.kustomtech.eu

AMERICAN V-TWIN BRAKE PADS FOR ALL RIDING STYLES



sbs®

GO AHEAD

HI-TECH BRAKE SOLUTIONS
MADE IN EUROPE

OFFICIAL BRAKES OF



RECOMMENDED FOR NEWER H-D, INDIAN & VICTORY MODELS

CLASSIC & CUSTOM



CERAMIC
H.HF

TOURING & SPORT



SINTER
H.HS / H.LS



SBS GOES 100% NRS SAFE

There is no room for error in motorcycle braking.

By going 100% NRS Safe SBS is using the absolute best in mechanical attachment enabling its riders to feel confident that they are using the safest performing brakes available.

As the first manufacturer in the motorcycle industry, SBS has succeeded in launching a sinter material for street brake pads using NRS™ technology.

NRS™ adds a consistent matrix of raised steel hooks that facilitate a mechanical bond between disc brake plate and friction materials – a mechanism that never fails.

CHOOSE THE RIGHT BRAKE PAD FOR YOUR BIKE AT SBS.DK

DISTRIBUTORS AND SUPPORT

NORTH AMERICAN DISTRIBUTORS

- Drag Specialties
- Mid-USA Motorcycle Parts, Inc.
- Tedd Cycle, Inc.

DEALER SUPPORT

- Toll-Free Phone: +1.888.268.1119
- Email: usa-support@sbs.dk



FOR TIPS & NEWS - facebook.com/sbsbrakes

VISIT US AT INTERMOT 3-7 October 2018:

LANGENSCHIEDT BOOTH - HALL 7, STAND 10 AND 15 OR

EICMA 6-11 November 2018: BOOTH S06 - HALL 22

Bill's 1941 Harley-Davidson Flat Tracker

A few months ago, we featured an 883 Sportster that Biltwell co-founder Bill Bryant had spec'd for the notoriously harsh NORRA Mexican 1000 all-terrain race in Ensenada, Mexico. While the 'Frijole 883' took shape, an unfinished project languished in Bill's garage — a self-confessed "not great" flat track racer. Bill had decided to try racing a re-built 45" Harley having gotten nowhere on his venerable TT500: "I wanted to give the whole tank shift thing a shot. I built a 45" Harley for the street years ago, but was never that into it. I loved working on it because of the simplicity and the aesthetic, but riding it in modern traffic

just wasn't much fun. "However, for racing other nerds around in a small circle, an old flathead is a great choice. I picked up this WLA engine as a mostly complete basket case with an original frame that was slightly raked. I took the engine to Rico Fodrey (Hi-Bond Modified, in Pomona, California) for a full rebuild, and we went out to 45's Unlimited in Anza, California, for a transmission and a bunch of other small parts. "The frame went to the wizard who is Mike Palazzo at 47 Industries in New Jersey and he de-raked the neck back to stock geometry, added the rear WR-style braces, bored holes in the frame



castings and straightened everything out. "The wheels, WR gas and oil tanks and rear fender were all sourced from W&W in Germany. The foot controls are sourced from Jeff Leighton out of SLC, Utah - less vulnerable than stock controls. The bars were custom bent to my specs by Jason Ball over at S&M in Santa Ana, California. "With the 'Frijole' project consuming most of my "extra" time over the winter, the beautifully rebuilt flatty engine and frame sat lonely in the shop just mocking me and my poor time management skills. Once I realized I just wasn't going to get it done, I dropped it all back off at Rico's shop and asked him if he could get it

wrapped up by Born Free. He did, and the bike ran great at the Stampede race the Thursday before the show. "Pete at Hot Dog Kustoms sprayed the 1966 VW Sea Blue and bright white single stage paint, just in time for the race. It definitely looks even better than I imagined, but I'll probably cry when I lay it down for the first time! As for my performance at the Stampede? I sucked, but I didn't crash and didn't finish last — I'll take that all day long!"

www.biltwellinc.com



Stay ahead with our Curves...

Just one of MANY different combinations...

#1 Rated Starters!

*Motorplates can be supplied with a 2" or 3" Cyclone Primary Drive

'07-Up Contoured Motorplate

Tornado Starters Available for all H-D Models

Panhead Electric Start Kit - Keep your stock tips and trans

WWW.TECHCYCLE.COM
215.702.8324

FOLLOW US ON
INSTAGRAM @TECHCYCLEPERFORMANCE
TWITTER @TECHCYCLE1

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

www.namzccp.com

PLUG & PLAY

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

It's Showtime

Maintain Your Machine With Quality Products From Mid-USA



Batteries, Charger/Maintainers & More, To Keep Your Machine At Peak Performance



Keep Your Ride Looking Its Best, With Our Extensive Lineup Of Quality Cleaners And Waxes.



MID-USA... WHEN ONLY THE BEST WILL DO!



Call 1-800-527-0501 in the U.S. or 1-800-893-9261 in Canada to find out how Mid-USA can heat up your bottom line. To become a Mid-USA Dealer, call or go online to

www.mid-usa.com

Follow Us On:



RLINK, a New Cloud-Connected, Motorcycle Smart Device



Eagle, Colorado based REVER has announced an exclusive integration with RLINK, a cloud based, connected system providing motorcycle riders with "cutting-edge security, theft detection, and cellular-GPS-tracking technology.

The small GPS-enabled smart device easily connects to any motorcycle battery, is concealed under the seat and communicates with the REVER mobile application. RLINK, which uses cellular connectivity to communicate, delivers real-time motorcycle location, bike diagnostics, and security alerts 24/7 - directly to the REVER mobile app from anywhere in the world.

With a custom PIN that can be sent to the authorities, the theft tracking map allows (temporary) access to a motorcycle's real-time location on a web-based map and the auto-tracking feature records routes ridden and allows social media sharing.

"This is truly a one of a kind product," said Justin Bradshaw, co-founder of REVER. "Combining the navigation, tracking, and social features of REVER with the technology of RLINK, adds incredible value and peace of mind to our users. We are focused on creating a technology hub for connected motorcycles and RLINK is a fantastic step in that direction."

"RLINK offers powerful, real-time security alerts and 24/7 GPS motorcycle location status, and the ability to temporarily share that location with authorities in the event of a theft," said Avi Sandler, President of Aritronix, RLINK's parent company.

"However, unlike low-cost GPS-enabled tracking devices, RLINK delivers true value with high-quality components, leading IoT technology and unique features, such as motorcycle diagnostics. RLINK's value combined with all that REVER has offer, such as finding people to ride with and discovering, tracking, and

sharing rides is a major milestone for the motorcycle industry. REVER and RLINK are fundamentally changing the way motorcycles are ridden and experienced."

RLINK describes itself as "the world's largest motorcycle community available for free on iOS and Android. Since the app launched, REVER users have tracked millions of miles on motorcycle rides in over 125 countries around the world. RLINK is currently available for iOS (Android coming).

www.RLINK.com

Motorcycle Arts Foundation

The Motorcycle Arts Foundation (MAF) is a nonprofit company "dedicated to the preservation and distribution of motorcycle arts." Founded by Paul d'Orléans, Sasha Tcherevkoff and Corinna Mantlo, the MAF says it aims to highlight and promote the cultural and artistic aspects of motorcycling through film, photography, writing, and public works projects.

The organization recently announced the launch of its official website, and launched its first public initiative - the Custom Revolution



motorcycle exhibition, with the Petersen Automotive Museum in Los Angeles, CA.

"The concept for Custom Revolution was to display the world's most exciting alternative custom motorcycles from the best builders around the world." The exhibition opened in April 2018 to huge success and will run until

March 2019. MAF's Paul d'Orléans Guest Curated the exhibition, helping coordinate the assembling of 23 motorcycles from eight countries and hosting the opening night panel discussion. "I'm very thankful to the Petersen Museum for giving myself and the MAF the opportunity to come in as outsiders and help put together this wonderful exhibition," said d'Orléans. "It's a truly amazing collection of bikes and the interest from the press and general public has shown us these machines really can serve as art pieces in of themselves." MAF's Sasha Tcherevkoff and his agency Man & Moto, created, designed, built the online exhibition and produced the 121 page Custom Revolution

catalog that is available for sale at the museum and online.

"Custom Revolution is particularly interesting because it's an artistic example of how the motorcycle culture has shifted in the past decade. We have seen the cultural decline of custom choppers and the rise of alternative customs," said Tcherevkoff.

"Historically, the general public has viewed motorcycles as utilitarian machines. We at MAF aim to change that. We are going to present some compelling projects that highlight the artistic purpose and huge influence that motorcycles have had on culture, love, politics, and how they have shaped trends."

motorcycleartsfoundation.org
www.thevintagent.com

Bobber Garage Scoops Rats Hole Win

Respected Lichtenstein based custom bike builder Reini Servello of Bobber Garage won the Over 1000 cc Radical Class at the Sturgis Rat's Hole Custom Bike Show in August with 'Monarch', and secured the 'Choice Award' from Count's Kustoms of Las Vegas as the best motorcycle.

First seen winning at the 2018 Swiss Moto Motorcycle, Scooter and Tuning exhibition at Zurich in February, Swiss-Moto and Rat's Hole have a partnership arrangement that sees their show winner invited to compete at the Rat's Hole show at Sturgis - this year Servello's 'Monarch' not only won through but took a rare win there for a European builder.



A six-member jury chose 'Monarch' from a 60-strong field, stating that they were enthusiastic about the very carefully copper-plated and specially engraved Knucklehead engine from 1936, the milled and unique wheel rims and the handmade exhaust system.

The revolutionary painting technique by Marcus Pfeil can illuminate individual color particles from within the scheme at the press of a button.

www.bobber.li
www.ratshole.com

STAY FILTERED



Drag Specialties has just what you need to keep bikes running at peak performance including a full line of filters. Air, oil and fuel, we have you covered with quality products that will last.

Contact your Drag Specialties rep. for more information.

**Celebrating 50 years of industry
dedication, innovation and support**



dragspecialties.com | #since1968

Sportster Scrambler Conversions - Three Steps to Off-Road Harley Heaven



The versatility of the venerable Sportster - now in its 61st year of continuous production - never fails to still impress even after all this time. Indeed, with the changing tastes in riding being championed by a lot of younger riders the platform is in the vanguard of giving Harley a model that can speak the language of the "New Genners."

The versatility of the venerable Sportster - now in its 61st year of continuous production - never fails to still impress even after all this time. Indeed, with the changing tastes in riding being championed by younger riders, the platform is in the vanguard of giving Harley a model that can speak the language of the "New Genners."

There are millions of Sportsters on the road, and Harley has done such a good job in renewing the appeal and positioning of the Sportster in the past decade that there is no sign of platform fatigue setting in yet - indeed the five model 2018 line-up has sold well at a time when Harley's Big Twins have suffered at the hands of a softening market.

A few months ago we featured a Sportster 883 that Biltwell co-founder Bill Bryant and co-riders Mike Deutsch, Erik Westergaard and Chris Moeller conquered the NORRA (National Off-Road Racing Association) Mexican 1000 all-terrain race with, in Ensenada, Mexico. Run for the first time in 1967 and featuring some of the harshest terrain on earth, it is not exactly a V-Twin cruiser-friendly undertaking, but the versatile Sportster ate everything the gruelling 1,300 miles could throw at it. Thanks in large part to the way the Biltwell boys had prepped the machine with bespoke refinements that included, among other initiatives, Hugo Moto's 'Dude' skid plate and peg relocation kit.

With the Scrambler Boom and ADV market moving from fringe to motorcycle riding mainstream, Hugo Moto, formerly of Fort Lauderdale, Florida, has taken the Sportster as its start-point for a scrambler build, meeting the challenge of curating all of the right parts head-on and making the conversion process widely available with a range of high-performance



bolt-on kits. However, the Hugo Moto kits are not simply cosmetics and catalog parts, they are the 'real deal'. "It's easy to make a Sporty look cool with a few cosmetic accessories and a pair of knobbies, but gaining real off-road performance is another matter," said Hugo Moto President Jason Smith. "Our kits may be bolt-on, but they give riders what they need to get tangible performance increases - easily and affordably." At the heart of the program is a 3-Stage Scrambler

kit series, "The Three Stages of Off-Road Enlightenment" as Smith terms it, for pre-owned 883 or 1200cc Sportsters.

Stage 1 gives the Sportster the "correct ergonomics to tackle the dirt and a much needed high pipe." A peg relocation kit (with stainless Enduro foot pegs placed in a proper dual-sport position via a cleverly designed peg relocation kit plate) and 'Dude' skid plate will "drastically change both the capability and the look of the Sportster, with the option to do a chain conversion and add premium suspension and off-road wheels later."

Stage 2 adds a suspension upgrade, which is "critical to tackling serious off-road situations while

"get tangible performance increases - easily and affordably"

providing a ton more comfort and control on the road." Wheel travel is extended to 5" with a pair of FOX 14.5" IFP-R shocks, while the front end Traxion Dynamics fork kit provides "5.5" of smooth travel." Stage 3 is what Hugo Moto describes as "The Whole Enchilada" - the "full Scrambling treatment", adding the chain drive conversion, which will allow the rider to "tackle any off-road condition from mud to sand" as well as a set of spoked wheels in several size options.





There's also the option to increase the travel with Stage 3 LT (Long Travel) kit. Hugo Moto worked closely with Nitron Racing Systems' U.S. Distributor, Fast Bike Industries, to develop a 17.5" R1 shock that offers "7" of bump-eating travel mated with a Traxxion Dynamics 7" travel fork kit."

Hugo Moto says it "really likes the 2004 and up rubber mounted Sportsters" for conversions because of the "4.5 gallon tank for extended range. If you prefer fuel injection, go with 2007 or newer. "If pure off-road performance is the goal, then the 1990-2003 solid mounts are a great platform. At 50 to 80 lbs lighter than the later bikes, the difference is noticeable for the aggressive rider. Our kits work great for taller riders - our peg relocation kit moves the foot pegs back and downward into a very comfortable position, similar to that of a modern adventure bike. All but the very tallest of riders can get comfortable with a taller seat and bar/riser combo.

"In general, seat heights range from 28" to 36" - the low end of the spectrum would be the Scrambler set-up with 14.5" shocks and a 17"/19" wheel combo. The tallest would be the HD2 Enduro with 17.4" shocks and 18"/21" wheels and a seat with thick foam.

"The special edition HD2 Enduro kit trims a solid-mount Sportster down to about 460 lbs. The kit adds premium race-level components including a Rekluse autoclutch, SuperTrapp muffler, enduro seat, and Pro Moto Billet aluminum footpegs. We also include our own CNC-billet hubs paired with Excel rims and expertly built by Woody's Wheel Works in Denver, CO. This limited-edition kit is based on the bike that won the hill climb at the GS Giants March Moto

"streamlines the conversion process"

Madness event earlier this year." Hugo Moto started out in Fort Lauderdale, Florida, and is the brainchild of Nico Danan, the founder, Jason Smith, the President, Christian Travertson of V-Rex fame, who is co-founder and Director of R&D, Chris Danan, another of the co-founders and an advisor to the business, and Luca Bar, a design

consultant. The company has relocated from Florida to Tennessee "in part because of how good the riding is there," Nico Danan is quoted as saying, but the two big commercial upsides have been the manufacturing solution it has allowed them to embrace and the proximity to Smokey Mountain Harley-Davidson with whom Hugo Moto are trailing a pilot dealer program.

Its manufacturing partner is a company called TGS Precision Manufacturing and Fabrication at Greenback, TN., a third-generation business started in 2011 that can draw on 50+ years machining and fabrication experience and a "tier-one manufacturer for many big names in the boating industry. The company has a 30,000 sq ft facility at Greenback for all phases of CNC machining and a 70,000 sq ft fabrication plant in Madisonville, TN.

Smokey Mountain founder and President Scott Maddox said: "We've been converting Sportsters to Scramblers for years, but have struggled to find a cost-effective turn-key solution that leaves room for us to make a respectable profit.

"Hugo Moto's kit approach really streamlines the conversion process. We used to have to go to multiple sources to piece the parts together, but now we have a one-stop shop. It makes it much easier for us to scale our builds accordingly with demand." Nico Danan said "Scott and the Smokey Mountain team have been pioneers in the Sportster Scrambler conversion movement.

"Their feedback has been invaluable in the development of our kits and we look forward to test marketing our dealer program with them." Smokey Mountain has three full dealerships in Maryville, TN., Pigeon Forge, TN. and Wildcat H-D at London, Kentucky. The Kodak, TN., location is an "alternative retail outlet" selling pre-owned inventory, and they also have retail stores in Gettlinburg and Tellico Plains TN., and Tallassee, Alabama.

**HUGO MOTO CORP
USA**
www.hugomoto.com

"The special edition HD2 Enduro limited-edition kit is based on this bike that won the hill climb at the GS Giants March Moto Madness event earlier this year."



Photo credit: Chris Rossell

HardDrive

AMERICAN V-TWIN PRODUCTS



This is
Performance
Evolved

TIER **1** TUNERS

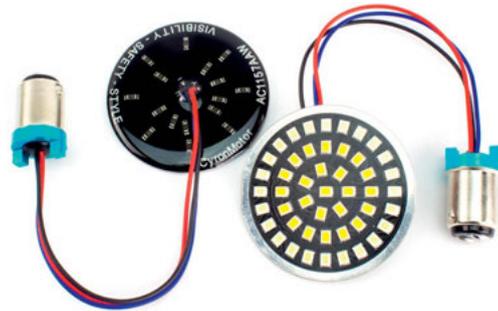
DISTRIBUTED BY
HardDrive
AMERICAN V-TWIN PRODUCTS

IN ASSOCIATION WITH
WPS

Visit HDTWIN.COM to Find Your Local HardDrive Dealer.

120 Degree Ultra-Wide Viewing Angle Tail/Signal Light Inserts

Chatsworth, California based Cyron Motor says that unlike many other conventional LED lights on the market that have a narrow light angle due to the use of old technology, its new



AC11 series LED inserts for turn signal lights use SMD LEDs. Offering such a wider viewing angle is said to make this turn signal visible from adjacent road lanes, "where it counts the most."

"When turning or changing lanes normally, vehicles and pedestrians in the 30 to 45 degree off axis range are the most important to be alerted. More than three times more effective light in such angles make the AC11 series a much clearer and more visible solution."

CYRON INC.
Chatsworth, California, USA
Tel: 818 772 1900
sales@cyron.com
www.cyronmotor.com

Spyke Quick Change Crimping Tool

Spyke has just released a new wire terminal crimping tool for motorcycle use. This new set features an ambidextrous, ergonomic, non-slip, rubber grip for comfort and ease of use. According to Spyke, the unique thing about this crimper set is the quick release interchangeable die set. Unlike most crimpers, no tools are required to change the die sets. The included five different sets of dies will



handle the most common motorcycle terminals including insulated and non-insulated terminals, D-sub terminals, open barrel terminals, and naturally spark plug wire terminals. The rugged carbon steel tool body is finished in corrosion-resistant black oxide, and the hardened die sets are zinc plated chrome-moly. The ratcheting action provides for a precise uniform crimp every time and is adjustable. The entire kit comes in a blow molded plastic case for storage and to keep the dies and tool safe and together.

PERTRONIX PERFORMANCE BRANDS
San Dimas, California, USA
graymond@pertronix.com
www.spykeinc.com

Smallest Available License Plate Holders for Minimalist Custom Look

Austrian custom parts specialist Cult-Werk has these new TÜV approved Cult Factory brand side license plate holder. Suitable for Dyna models (Street Bob, Street Bob Special, Low Rider, Wide Glide, Fat Bob and Switchback) from the year 2008 until the last year of production in 2017, they are said to be the "shortest" license plates on the market in Europe, and available in suitable sizes for Austria, Switzerland, Italy, France and The Netherlands.

They are precision manufactured from high quality steel, CNC lasered and then black powder coated; they include an E-marked LED license plate light and bolt to the rear axle with the supplied hardware.

CULT-WERK
Aigen-Schlaegl, AUSTRIA
Tel: +43 (0)72 89/62 411
office@cult-werk.com
www.cult-werk.com



More Exclusive Product Additions from HardDrive

Racing Bros - Scepter 25 fully adjustable Fork Cartridge Kit



An exclusive from Boise, Idaho based distributor HardDrive, this Racing Bros front-end cartridge kit "is like no other in the V-Twin industry." HardDrive sees the Scepter 25 fork cartridge kit as the most advanced technology available, offering the rider 24 rebound adjustments, 24 compression adjustments, preload adjustability of 15 mm on both sides and multiple spring rate options. The high strength Cr-Si material used for the spring is said to ensure a consistent spring rate and best fatigue resistance, while the 25 mm CNC dampening piston ensures a stable damping quality. Available for 39 mm and 49 mm front ends in standard, medium and heavy spring rates.

gauge, fuel gauge and a multiple function speedometer. Additional feature functions include a gear position, RPM shift light, average fuel consumption reading with remaining range mileage, volt meter and indicator lights.



Dragonfly Cycle Concepts - FXRP Fairing for Dynas



Another HardDrive exclusive, the company says that Anaheim, California based Dragonfly has "taken a hard to find, timeless piece and reinvented the design to fit the needs of today's growing Dyna market. The fairing was molded after the OEM police/touring fairing, which is a frame mounted fairing that does not turn with the handlebars. The style was given a unique Dragonfly touch with the capability to outfit it with a single DIN radio, like the Aquatic AV design, speakers and an amp (sold separately). Fits all FXDB, FXDL models '06-'17 and comes with a dark tinted windshield and headlight cover. Mounting brackets are sold separately.



KOSO - Gauge Cluster



This plug and play custom gauge kit from Koso North America is said to be a "hassle free" replacement for stock gauges. The gauges will plug directly into the OEM dash with connectors for '14-up FLTR, FLHX and FLHT models. The kit features a dual color changeable LCD display (red and blue) for a custom look and includes tachometer, oil temperature

Badlands Sequential Flasher Modules



Oreland, Pennsylvania based Namz Custom Cycle Products "continues to find solutions to the common problems, providing the very best products and services for two-wheeled customers," says owner and founder Jeff Zelinski.

A case in point is his wide range of patented Badlands brand Sequential Flasher modules. "Badlands has the highest standards when engineering a new module," says Jeff, "and like our other products, the Sequential modules are jam packed with features.

"They allow the use of any 3 red LEDs for left and right side rear turn signals and are available in static or dynamic flashing. They come with a built in load equalizer, pre-wired, color-coded rear fender wiring harness and are a perfect pairing with our Royal Flush, surface mount LEDs.

Celebrating its 19th year in business, Namz sells market leading wiring harnesses and related accessories, fluid transfer lines, custom installation supplies and Badlands lighting modules.

The full range of NAMZ/Badlands products are available through distributors including Drag Specialties, Parts Unlimited, Tucker, Mid-USA, Parts Canada, Motovan, Les Importations Thibault, Parts Europe, Custom Chrome Europe, Motorcycle Storehouse, W&W, Zodiac, Rollies Speed Shop and Wildrider International Pty Ltd, or direct from the company's website.



NAMZ CUSTOM CYCLE PRODUCTS
Oreland, Pennsylvania, USA
Tel: 610 265 7100
info@namzccp.com
www.namzccp.com

HARDDRIVE V-TWIN
Boise, Idaho, USA
Tel: 208 376 8400
orders@hdtwin.com
www.hdtwin.com



Scout Pillion Options

Hollister, California based Corbin Saddles now has complimentary pillion options to match its classic style Solo seat on the nostalgically styled Indian Scout.

Two options are offered - both mount up easily to

the Indian. The Corbin standard pillion "keeps a clean, low profile, built up with our exclusive comfort cell foam to provide good mid-range comfort." Built wider and thicker with a dished seating platform to provide maximum weight distribution and support, both come upholstered to match the Corbin solo "for a totally integrated look."

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



10.5" Pro Touring Flare Windshields

The Pro-Touring Flare windshield from Mitchell, South Dakota based Klock Werks it is a wider, more full-coverage 10.5" option for riders and passengers who prefer an even greater amount of wind protection for the long haul and is stylish enough to use around town.

The patented design features "hips" at the sides that are said to reroute the wind away from riders while adding downforce to the front-end of the motorcycle to improve stability when compared to riding with the stock windshield.

The flip at the top of the Flare redirects air flow back as clean, less turbulent air for rider and passenger - Klock's Flare windshield designs have been wind tunnel tested and optimized.

The screen is in Lexan Polycarbonate with FMR hard coating; all are predrilled for easy mounting using stock windshield hardware. They are available in clear, tint or dark smoke.



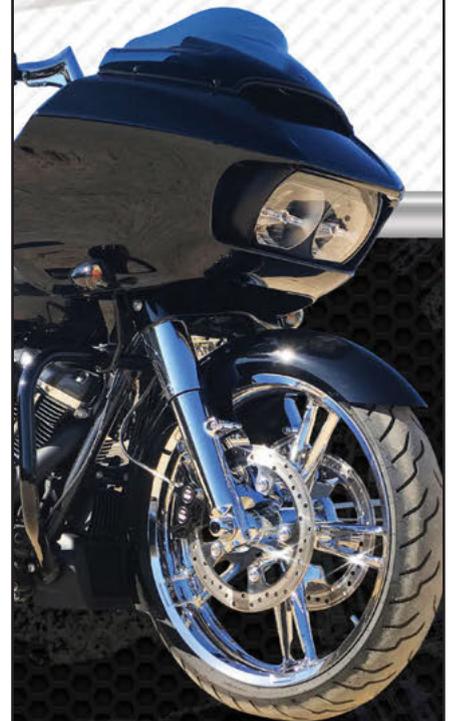
DRAG SPECIALTIES
 Janesville, Wisconsin, USA
 Tel: 608 758 1111
drag@dragspecialties.com
www.dragspecialties.com
www.getklocked.com



CHROMED IN THE USA SINCE 2001
BACKED BY OUR LIFETIME WARRANTY!

BECOME A DEALER ONLINE!

- CHROME PLATING
- CHROME EXCHANGE
- WHEELS, DISCS, FORKS & MORE!



VISIT OUR BOOTH (#2848) AT THE 2018 AIMEXPO IN VEGAS!

www.sportchrome.com

A close-up photograph of a motorcycle's engine and front headlight assembly. The motorcycle is supported by a red and black center jack. The jack is positioned on a metal workbench. The background shows a workshop setting with various tools and equipment.

NEED A LIFT?

With a 1,100 lbs. lifting capacity and built-in stability tabs at the base, this highly versatile center jack can handle bikes big and small. Check out this and all of the other great products from BikeMaster.

BikeMaster

RWD Fenders and Highway Bar

Available exclusively through Drag Specialties, these fenders by Murietta, California based manufacturer Russ Wernimont Designs (RWD) and made from heavy-gauge steel, with each fender inspected individually to ensure straightness, consistency and a "flawless finish with an absolute minimum of finishing bodywork." Each fender is pre-drilled for easy bolt-on installation.

Also seen here, the ready-to-paint RWD Flat Back Front Dresser Fender has been laser trimmed to complement the rake of the bike. A direct bolt-on design, no spacers are required.

The RWD 8.5" OEM-style Dyna rear fender is a one-piece, stamped 14-gauge construction, laser-trimmed for a precise fit with minimal paint prep. Welded wire tube for clean wire installation, the fender mount and license plate bracket holes are predrilled and also has taillight cutout for traditional taillight mounting.

This RWD highway bar/skid plate design with footrests is made in 1 3/4" steel tubing and stamped 14-gauge steel plate with a gloss black powder coat finish.

Measuring approximately 34" wide x 12" tall, it has high impact plastic "Revolver" end caps that double as footrests. It ships with all necessary mounting hardware (not for use with evaporative emissions canister or Big Bear motor mounts).



Highway bar/skid plate with foot rests



Custom dresser fender



8.5" OEM style Dyna Fender



Flat back dresser front fender



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

Platinum 'Simple' FLH/T Air Ride Package

Fullerton, California based Platinum Air Suspension has new FLH/T Front 'Pucks' and Rear Air Ride Package.

Platinum Air owner Mike Feris says "these allow the rider to control their ride height with positive lift without going all the way down the rebound control route with our Bleed Feed system. This simple system is available for most H-D V-Twins – the side mounted shock gives up to 4.25" of lift."

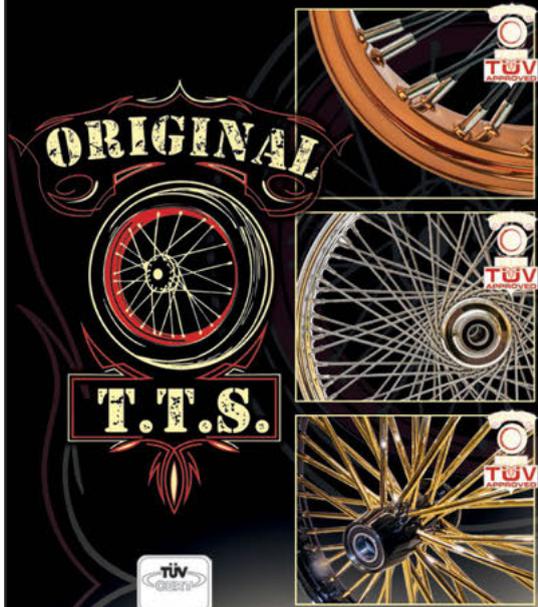
The kit includes two air cylinders, machined from 6061 T-6 billet aluminum; two 41mm or 49mm pucks; air-control valve; DOT approved 1/4" line and fitting; switch harness; air compressor; hardware and line cutter. For bike models 1985 to current.

The kit delivers a minimum retracted height of 9.25" and maximum extended of 13.5", rear lift of 4.25", 4.25" shock travel with a diameter of 2.5". ABS applications may vary due to installation, and the system comes



complete with one year warranty. There is now an option to choose between chrome and black - everything is blacked out from the cylinder to the rod.

PLATINUM AIR SUSPENSION
 Fullerton, California, USA
 Tel: 714 871 2424
info@platinumairsuspension.com
www.platinumairsuspension.com



Telefon +49 (0) 5404 6394
info@wheelspoint.de

WWW.WHEELSPOINT.DE

New
 !!! Knuckle-Style-Rockerbox-Cover
 für Twin Cam und Evo !!!



AVON'S COBRA CHROME



"The Next Chapter in Our Long and Rich Brand History"



Leading custom tire manufacturer Avon has announced the next stage in the development of its Cobra brand tire program with the unveiling of the Cobra Chrome.

Available in extreme custom sizes with rear tires up to 23 inch and widths of up to 330 mm, the Cobra Chrome is said to offer "excellent wet braking and stability" thanks to enhanced compounds and new construction that deliver "improved stopping distances in wet braking tests, high stability in all conditions, with precise feel and tire feedback."

Avon's latest tread pattern and advanced

'available in rear sizes up to 23 inch and widths of up to 330 mm'

construction produces an over 5% larger tire footprint compared to the existing Cobra, with improved tire life - its highly durable compound and latest technology tread pattern design delivering 10% extra mileage.

Also available with white sidewalls, Avon says the Cobra Chrome is "the ultimate statement of individuality" and that the technology and rubber compound used to

manufacture the unique durable white sidewall "remains a secret and has been crafted and refined over many years by our R&D department in the UK. With an increased size offering over the previous Avon Cobra, more riders will be able to enjoy the look of Avon Cobra Chrome whitewall tires."

Avon has been well known as a preferred tire option for custom bike builders ever since the 1970s. "Our highly successful Avon Venom and Avon Cobra tires have a well established reputation in the custom and cruiser segments.

"The next chapter in our long and rich brand history is the introduction of the Avon Cobra Chrome - the tire of choice for the cruiser rider in search of safety, the joy of riding and individuality. The Avon Cobra Chrome offers premium performance and a stylish Cobra themed design."

Having recently signed a multi-year agreement to be Freestyle Class sponsor at the 2018 and 2020 AMD World Championship of Custom Bike Building - the winner will be the 'Avon World Champion Custom Bike Builder' - the company is one of



'improved stopping distances'



ION TYRES



CHROME



the oldest motorcycle product manufacturers of any kind in the world, tracing its origins back to 1885. The company entered the motorcycle and

'enhanced compounds and new construction'

sidecar tire market in 1911. Always an avid supporter of motorsport, Avon's dominance in motorcycle racing was historically so great that in its 1957 to 1963 'Glory Years' every solo world champion, including legendary Britons John Surtees and Mike Hailwood, rode to victory on Avon motorcycle tires (Surtees remains the only man to have won World Championships on two and four wheels).

In the 1970s Avon's reputation as the custom motorcycle "go-to" was cemented through its association with industry legend

Arlen Ness - an early adopter of Avons for his custom builds, and still an Avon enthusiast.

Avon Venoms quickly became established as the preferred option for custom bike builders worldwide. Always noted as an innovator, with technologies such as Variable Belt Density, the inverted V-pattern and Force Following Grooves becoming widely adopted, fifteen years ago the company did much to facilitate what became known as the "Fat Rear End" boom, the popularity of single sided swingarms and right-side drives, as it

made a series of wider tires available, including the 300 in 2003 and still popular 330 in 2004.

Avon was acquired by Cooper Tire of the USA in 1997, and Cooper's fresh investment capital did much to position the business for the 21st century. In 2007 Avon capitalized on

'a 5% larger tyre footprint'

the popularity of its Venom series tires with the launch of the all-conquering Cobra line. In the years since, Avon has added to the strength in depth of Cobra options, and with the Cobra Chrome is now offering its largest yet range of fitment options, including the class-defining 330.

Renowned for its distinctive tread patterns, outstanding mileage and long life, the new Cobra Chrome doesn't disappoint.

Noted for its unique, super tough construction, the kind necessary for heavy-duty custom loads and long distances, the Cobra Chrome combines the characteristics needed for modern cruisers with leading sports tire technology, for improved handling and performance.

In recent years the example set by the likes of Arlen Ness and legendary Briton John Reed has been taken up by hundreds of

'excellent wet braking and stability'

leading customizers and bike builders worldwide. Since its inception in 2004, more AMD World Champions, Freestyle class top twenty bikes, World Championship class winners and World Championship competitors of all kinds have favoured Avon tires than any other single tire brand - including the reigning World Champion Suicide Customs from Japan, who returns to defend his title in 2018.

Suicide Customs marked a second consecutive World Championship in which the winner built with Avons - in 2014 the prestigious title was taken for a third time by Krugger Motorcycles of Belgium with "Nurb's", an Avon shod radical and futuristic BMW.

"This was the jumping-off point that made a collaboration between Avon and 'The AMD' compelling," says Avon Marketing Director Michiel Kramer. "As a company Avon is proud of its heritage and as a custom bike tire market leader we are especially proud of our reputation as the tire of choice for so many of the market's greatest and most innovative designers and craftsmen."



W&W additions

Mercury Headlights

The distinctive ornamental top caps and conical shape of these headlights reminds of typical 1930s streamlining designs as seen, for example, on Mercury trains of that era, with a retro accent for classic choppers or bobbers. They are steel chrome plated and measure 138 mm long by 160 mm wide for 5 3/4" headlight insert. They are 12V, 60/55W, H4 P43t socket bulbs.



GasBox K-Model KR Style 2-2 Header Pipes

Designed after the exhaust pipes of the legendary KR race bikes but made to fit K and KH street bikes, "these beautifully bent pipes will provide that sporting look." There are no brackets, custom installation is required. They fit K/KH models '52-'56, are made from steel and have 1 3/4" headers. They are available bare or chrome-plated and are not homologated.



Samwel Flathead Electric Start Kits



Available for 45"/750 cc Flatheads '41-'73, except K models. This kit allows conversion on all 45"/750 cc Flatheads with a '41-up clutch. The complete kit includes all components necessary to perform the straightforward installation except for the battery. The early stock 6 V charging system must be converted to 12V, which means a suitable generator, regulator, coil and lamps need to be acquired and fitted. Currently Samwel electric start kits only work with belt drive systems. Kits for stock primary chain are in the pipeline.

Paughco Rocker Shafts



Available for classic and I-Beam Springerm Forks, these Paughco rocker shafts are available "for that clean chopper look." No fender mount necessary, just studs and smooth faces with thin slots. They are steel chrome plated and measure 1/2"-20.

XL Belt-to-Chain-Drive Conversion Kits

These kits convert the stock secondary belt drive to chain drive on '91-up Sportsters. Each kit includes a steel transmission sprocket and aluminum rear wheel sprocket combo with a model specific ratio. They are zinc plated with a satin finish with pitch: 530 (5/8" x 3/8").



The Cyclery 1934-1939 Style Solo Seats



These are faithful reproductions of the H-D solo seats with non-vented (undrilled) seat pan and open, unrolled edges as the '34-'39 original. Just like the factory counterparts they feature thin stuffing for slim appearance, along with the patent stamp on the bottom leather strip. These seats sport "excellent craftsmanship and top quality leather" and measure 410 x 430 mm, with 276 mm between springs or mounting bolts. They are made in Europe and available in black or brown.

GasBox Upsweep TT Pipes



These steel 1 3/4" header pipes create a 2-1 upsweep exhaust system, and "feature a classy and sporting TT style end tip" for rigid Big Twins. Completion requires front and rear header plus a squish pipe. They are available bare or chrome-plated.

Carb Adjustable Main Jets



These adjustable main jets are available for all Tillotson carburetors, and are used to upgrade stock carburetors that do not have this feature. They are made from steel, brass, rubber and copper.

Gasbox 1930 Twin Tube Mufflers



There are a "top quality reproduction of the distinctive Twin Tube muffler," as originally used on 1930 V-model Big Twins. Complete with two clamps, they are available in bare steel, are 81 cm long and fit 1 3/4" headers.

Long Peanut Gas Tanks



Described as "nicely shaped aluminum stock," this replacement custom gas tank has welded-on brackets which mount to the frame in the same way as the factory tank. It fits Sportster EFI '07-up, and has a 6.8 liter capacity with a vented and lockable gas cap.



W&W CYCLES AG
Wuerzburg, GERMANY
Tel: +49 (0)931 250 61 16
sales@wwag.com
www.wwag.com

MAKE YOUR MARK.



Rio Grande Sportshield (Gradient Black) on Ryohei Toyoda's, @hlryohei, 1999 Dyna FXD.

MADE IN MEMPHIS | #ShadyMark



THE SOLAR CHARGER THAT WORKS DAY AND NIGHT!

 **CHARGER BY DAY**



Solar charging... Charge progress

 **MONITOR BY NIGHT**



Battery status - blinks every 3 seconds

THE 12V KITS

- 10W**
TM522-1
- 20W**
TM522-2
- 40W**
TM523-4
- 60W**
TM523-6
- 80W**
TM523-8



Optimate solar



optimate1.com
INFO / VIDEO / MODELS

ProBeam Options for Indian Big Twins and Scouts



Youngsville, North Carolina based lighting specialist Custom Dynamics has added to its range of available options for Indian Motorcycle models with this new plug and play 7" ProBEAM headlamp application for '15-'18 Indian Chief, Springfield, Chieftain and Roadmaster models.

Not requiring any additional adapters or trim ring, ProBEAM headlamps are said to "offer the latest in engineering innovation with a modern and sleek design." The low beam consists of three high power advanced optical D lenses and a DRL; the high beam keeps the low beam illuminated and adds two additional advanced optical D lenses with three projector lenses "for an incredibly wide optical pattern, producing an ideal beam pattern with illumination down the road as well as on either side." The low-profile housing is made from a heavy duty, light weight die-cast aluminum; all ProBEAM

headlamps are SAE, DOT and ECE compliant and backed by Custom Dynamics' Lifetime LED Warranty. Available with a chrome or true black finish and durable long life polycarbonate lens.

For Indian Scout applications with 5.75" OEM headlamp buckets (Scout, Scout Sixty and Scout Bobber) there is a plug and play 5.75" ProBEAM option, with the same engineering innovation, lighting design configuration, approvals, sleek profile, finish options, production materials and manufacturing quality as their Indian 7" Big Twin ProBEAM headlamps.

ProBEAM 5.75" headlamps are also available for Harley-Davidson applications, as well as in 7" diameter (with matching passing lamps) and metric fittings.

Also seen here for Indian Chief, Springfield, Chieftain and Road Master models, this plug and play Smart

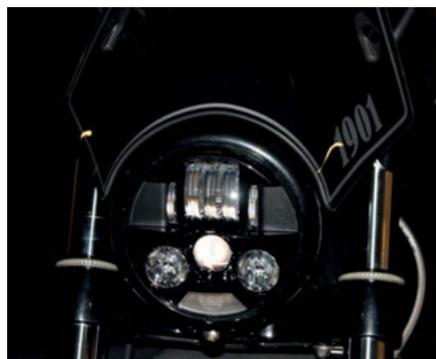
7" ProBEAM LED headlamp '15-'18 Indian Chief, Springfield, Chieftain and Roadmaster models

Triple Play module converts turn signals to run, brake and turn with choice of 10 user selectable built in brake light strobe/flash patterns (user can also select no strobe/flash on brake).

Additional functions include selectable running light intensities, to match the running light brightness of turn signals to the center taillight; the ability to choose to apply brake strobe/flash patterns to the center taillight only, rear turns only, or rear turns and center taillight; and built in SMART function, which allows the normal turn signal flash to override the brake strobe/flash when simultaneously braking and turning. Red rear turn signals, such as Custom Dynamics' own Rear Bullet Ringz for Indian, are required for DOT compliance.



Plug and play Smart Triple Play module



5.75" ProBEAM LED headlamp for Scout

CUSTOM DYNAMICS LLC

**Youngsville,
North Carolina, USA**

Tel: 919 554 0949

sales@customdynamics.com

www.customdynamics.com

Gauge Mount for 2018 Street Bob or Breakout

Huntington Beach, California based manufacturer Wild 1 / Chubby's has this new W0540 Chubby gauge mount that bolts directly to the 1.25" diameter T-bars and 1.25" diameter risers (risers must be at least 3.5" tall) while relocating the gauges "for perfect placement."

The design allows the stock gauges to be used when switching to T-bars or risers and handlebar - "they also add a clean badass look."

Machined out of the highest quality T-6061 billet aircraft aluminum they come in a



show chrome, satin black powder coat or raw finish. They are designed to fit the new 2018/2019 Harley-Davidson Streetbob and Breakout models. All Wild 1's products have been manufactured in the USA since 1996.

WILD 1 INC.

Huntington Beach, California, USA

Tel: 714-536-5869

info@wild1inc.com

www.wild1inc.com

www.chubbyhandlebars.com

Barnett 'High Efficiency' Clutch Cables for Indians

Californian clutch and cable specialist Barnett has replacement clutch cables available for '14-'18 Indian Chief/Chieftain, Roadmaster and Scout.

Featuring the company's high efficiency inner wire, which Barnett was the first to introduce to the motorcycle industry, the "HE" wire is nylon coated and lubed with a super slick silicone lube and, combined with the Teflon inner-lining, provides longer life, ultra-smooth cable action and reduced lever effort.

On the outside, all fittings are chrome plated where

applicable and two casing types are available - traditional black vinyl and classic stainless braid with clear coat. The clear coat is guaranteed not to discolor from sun exposure; available in stock and custom lengths.

BARNETT CLUTCHES & CABLES

Ventura, California, USA

Tel: 805 642 9435

info@barnettcables.com

www.barnettcables.com



www.AMDchampionship.com

LowBrow Hooligan and SuperMeg 2-into-1 Kerkers



Kerker SuperMeg 2-into-1 for Dyna, Softail and Sportsters

Two of Ohio's finest - Lowbrow Customs and SuperTrapp - have teamed up to launch a new Kerker exhaust system for Sportsters - the Hooligan 2-into-1, and a Kerker SuperMeg 2-into-1 for Dyna, Softail and Sportsters.

Described as an "affordable high-performance system for Sportsters" that has been "expertly crafted for XL applications from 1986 through 2003," with the Hooligan 2-into-1 "our goal was to create an exhaust system we would want to run on our own bikes," says Tyler Malinky of Lowbrow Customs.

"We continuously find ourselves drawn to performance race vehicles. Form follows function, and the 2-into-1 Hooligan exhaust is all business." Malinky says the Hooligan Exhaust is so named because the marriage of high performance and plenty of ground clearance make this an excellent exhaust for Hooligan racing. "This exhaust performs as well on the street as it does on the track, and pairs well with stock as well as custom Harley-Davidson Sportsters."

Features include a full-flow mechanical core for a "deep throaty sound and excellent mid to top end performance. It shifts the peak of the power curve to the top end, providing high RPM power that is noticeable at once to the rider.

"A 2.5 inch non-baffle, mechanical core provides a deep, bottomless rumble." The

core and packing are rebuildable for minimum maintenance. This system offers a trouble-free install and works perfectly with OEM mid or forward controls." It installs using the stock OEM exhaust mount (not included).

Also seen here, the 2 into 1 SuperMeg exhaust is described as an affordable, high-performance, USA made exhaust that leverages SuperTrapp's considerable experience in quality, volume manufacturing, combining it with LowBrow's contemporary design voice. Available for a wide range of Dyna, Softail and Sportster models ('91-'17 FXD Dyna, '84-'11 FXS / FLS Softail and '04-'18 XL Sportsters) is described as working "perfectly with OEM mid controls or forward controls and offers a straight-forward installation using the included mounting bracket."

It is stripped of extraneous heat shields and available in one color - black. It too features the 2.5" non-baffle full-flow, rebuildable mechanical core and "delivers excellent top end performance."

LOWBROW CUSTOMS

Brunswick, Ohio, USA

Tel: 885 456 9276

info@lowbrowcustoms.com

www.lowbrowcustoms.com/hooligan

www.lowbrowcustoms.com/2into1



Hooligan 2-into-1 for Sportsters



PREMIUM QUALITY
BRAKE, OIL, FUEL
AND HYDRAULIC
APPLICATIONS
TO TRANSFORM
YOUR RIDE



GOODRIDGE
PERFORMANCE

1.800.662.2466

www.goodridge.com us_sales@goodridge.com

Micro S DF Dark



Prolific Aachen, German lights designer Kellermann has updated its popular micro 1000 DF Bullet Light as an even smaller 3-in-1 light with tinted glass.

The micro S DF Dark is an "extremely compact" combination rear light that means "all three functions almost disappear at the rear of the motorcycle" for the company's cleanest custom install yet.

The micro 1000 family of LEDs is one of the really traditional range of indicators from Kellermann and have been installed on different kinds of motorcycle models for more than 15 years. The new micro S DF Dark "represents the trend to even more compact motorcycle lights."

"The new micro S DF Dark is really super small, it would even fit six times into the larger micro 1000. This allows an extreme compact and individual design of the tail of the bike with the complete electronics housed in the high quality casing."

The micro S DF Dark can be plugged directly into the 12 volt net and replaces existing rear and break light and indicators. Featuring the company's proprietary EXtranz - Extreme Optical Transparency Technology - it comes with Kellermann's High Power LED Technology, Long Life Protection Guard, and is IC operated at 330 kHz.

Kellermann®

KELLERMANN GmbH
Aachen, GERMANY
Tel: +49 (0)241 938 080
info@kellermann-online.com
www.kellermann-online.com



4" Performance Slip-Ons

Anaheim, California based specialist Bassani Xhaust has designed a 4" Performance slip-on muffler for the 2018 Fat Bob. Available in black with black billet tapered end caps, they feature removable 2 1/4" baffles "for a moderately aggressive exhaust note." Bassani says that they are an easy install with the stocker header system and "designed for maximum horsepower and torque." Bassani Xhaust, USA, www.bassanipipes.com

MOTORCYCLE STOREHOUSE®

Inspired MOTORCYCLE PARTS, LEATHER & APPAREL.

Roland Sands Design blend a high performance background with the love of two wheels, creating unique, well-built products that withstand your vision and your right wrist.

Custom Gas Tank Accessories



Respected Italian parts maker Kustom Tech has a full range of solid brass custom gas tank hardware available in polished or chrome.

Choose from brass petcocks, replacement fuel filters, a polished M22 x 1 to 3/8" brass adapter (also available in chrome), nylon

seal washers, brass 3/8" NPT custom fuel line adapters, a 3/8" NPT or M22 x 1 weld-on bung (raw) and, to finish the job in style, left or right side thread, vented spinner style polished billet brass gas caps (for tanks from 1982) that match a

range of other Kustom Tech accessories, including oil tank caps and front and rear wheel hubs.

Well known for its precision manufacturing, attention to detail and quality materials, Kustom Tech is the brainchild of Alessandro Pacelli and his parts designs are a firm favorite with many of the world's leading customizers. For those looking to extend a matching brass highlight elsewhere on the motorcycle, check out Kustom Tech's grips and pegs.

KUSTOM TECH
 Florence, ITALY
info@kustomtech.de
www.kustomtech.eu



Guaranteed increase in horsepower



From Riverside, California based manufacturer K&N Engineering, this side draft black air intake system is an addition to their fast growing 'Street Metal' range of custom air cleaner designs.

An aluminum backing plate with an integrated velocity stack provides a solid mounting surface and built-in breathers replace external OE system. Developed around an over-sized, performance boosting K&N high-flow air filter, it is said to deliver improved filtration and longer service intervals.

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



Roland Sands Design
 MOTORCYCLES ♦ PARTS ♦ LEATHERS

Drag Specialties Additions

Stick Style 1" Handlebars



Drag Specialties steel tubing stick-style handlebars feature low, aggressive styling with zero end rise or pullback. The bars measure 30" wide and are available with dimples in a smooth, unknurled style and notched for Throttle by Wire (TBW). Available in chrome, gloss black or flat black.



'00-'03 FXD/FXDWG; '04-'05 FXD/FXDWG and '02-'17 V-Rods.



Wide Blade Lever Sets

These top-quality levers are made of lightweight



aluminum and feature a late-style wide, flat design. They are compatible with OEM clutch and brake lever perches. Available in chrome or matt black finish for '14-'16 FLHTCUTG and '15-'16 FLRT.

Crank Position Sensors

These high-quality replacement sensors feature convenient plug-and-play installation and fit like the OEM units. Available for '00-'03 FLHT/FLHR/FLTR and

4 1/2" Reflector-Style LED Passing Lamps

These stylish premium passing lamps combine rugged die-cast aluminum housings with a dark chrome retro-styled face. They are DOT/SAE compliant.



give any bike a comfort and style upgrade." The seat covers are automotive-grade vinyl and are available in a smooth or double diamond stitch design with black, silver or red thread.

Molded flexible urethane interior and an ABS thermoformed seat base provide comfort. The seats measure 30 1/2" overall length and are 11 3/4" wide at the front and 6 1/2" wide at the rear. The narrower than stock front is designed to deliver better leg clearance on '99-'07 FLHT/FLHR/FLHX and FLTR models.



DRAG SPECIALTIES
Janesville, Wisconsin, USA

Tel: 608 758 1111
drag@dragspecialties.com
www.dragspecialties.com

Predator III Seats

A Predator III seat from Drag Specialties Seats "will

Pack It Up.

MOLLE webbing for equipment strapping and expansion

Two external zipper compartments provide small gear and tool storage

PVC-coated side and bottom panels for water resistance



Hi-vis orange interior makes spotting gear easier

UV-treated 1680-denier polyester nylon chassis

Compression straps secure backpack to sissy bar for added utility

Padded shoulder straps with adjustable sternum strap



Zodiac Additions

Breakout Headlight Shroud



The headlight on the M-8 Softail Breakout looks a little as if the Harley design department was not ready before the bike went into production. Rick's fiberglass shroud hides the ugly back of the stock headlight and upgrades the total look of the front end. It is said to be easy to bolt on and comes in a white gel coat finish.

Brass Balls Moto Floor Boards

Inspired by Moto Cross and delivering the



grip to prove it, these lightweight, strong Brass Balls Moto style floor boards feature a tapered perimeter edge to optimize lean angle. Precision machined from aircraft grade 6061 T6 billet aluminium, they are sold in sets for left and right including adjustable mounting hardware. Available in natural aluminum and black or gold anodized.

BL1000 'Twin Eyes' Handlebar Tip Turn Signals

The BL 1000 Dark by Aachen, Germany based Kellermann brings light into darkness and sets new standards in motorcycle



design, appearing as a seamless extension of the handlebar. The latest high performance LEDs and special control technology make for a spectacularly bright indicator signal that combines indicating function with handlebar vibration damping. Offered in black with stealth style dark lens, with amber LEDs for turn signal function.



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

Pack It In.



EXFIL-48 is the perfect backpack for speedy getaways on two feet and two wheels. Our EXFIL-0 tool roll's tri-fold design is compact enough to fit practically anywhere, but big enough to carry essentials for roadside repairs. See these bikerider essentials and more at Biltwellinc.com today.



WWW.BILTWELLINC.COM
 @BILTWELL

Clearly Methodical

From the design studios of legendary Dublin, California based Ness Enterprises and available for dealers worldwide, the Ness 'Method' line runs from performance air cleaners and handlebar dampening kits to risers and fork braces.

The company's patent pending forged billet aluminum 'Method' clear series performance air cleaners feature a polycarbonate window allowing you to view the internal working of the air intake system. The forged billet aluminum backing plate includes the patented Ness internal hidden breather backing plate technology, eliminating the need for external hoses or hardware for a virtually closed loop system.

The polycarbonate window is coated with proprietary films that prevent oil adhesion, yellowing, or marring from engine oil or UV exposure. The radius air inlet provides unobstructed airflow into engine and a washable and reusable high performance black, pre-oiled cotton gauze filter optimizes flow and filtration; recharge kits are available separately.

They are available in chrome, black anodize with contrast and all black anodize finish; each kit includes backing plate, forged filter housing, clear polycarbonate top, filter, gaskets and necessary hardware.

Fitments include '08-'16 and '15-'17 FLST (excluding FLSTB), '00-'17 Twin Cams (except Fly by Wire), '88-'18 XL Sportsters and 2017 and up M-8 models.

Engineered and tested to eliminate flex in the stock fork assembly, the high strength 'Method' forged fork brace has been "meticulously CNC machined to perfection" and upgrades the look of the machine while increasing stability at both high and low speeds. The forged construction eliminates flex in the fork assembly, the race inspired design installs without disassembly of front end, available in chrome or black anodized finish.

New for 2018, the 'Method' riser line is CNC machined from forged billet aluminum for reduced weight and maximum strength. Machined windows and accent pockets reduce weight and add to the clean, aggressive styling.



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



The CNC machined recess on the bottom of the riser eliminates the need for a top cup washer on the handlebar dampener kit for a cleaner look and more positive feel. It has a 1" clamping area and additional billet spacers and hardware are included with each riser kit to give the option to accept factory gauge mounts with 4.25" mounting hole. Available in 10", 6" and 2.5" in black or chrome.

Ness also has a full line of adjustable handlebars and handlebar clamps that allow the bar to be adjusted precisely to the owner's riding style.

Generally considered a "must" when changing to aftermarket handlebars or risers, the Ness handlebar dampening kit uses proprietary polyurethane bushings, inner steel sleeves and heavy duty chrome cup washers that do not bend or distort to eliminate handlebar flex and add a more positive and rigid feel to the handlebar while isolating vibration.

A flush mounting kit option uses 303 stainless steel cup washers that have been polished to a chrome-like finish, available with coarse or fine thread.



ARLEN NESS

A SUPERIOR LINEUP



Tested better than the competition while meeting or exceeding API SL and JASO MA2 specifications. Superior base stocks provide more consistent viscosity, extreme wear resistance, and increased stability at high temperatures. Made in the USA.





**ARLEN
NESS**

"FORGED WHEELS"

WWW.ARLENNES.COM



7-VALVE



FLARE 5



PROCROSS



DRIFT



OptiMate Solar - a Sturgis Test Case Study

TecMate's advanced OptiMate brand Solar battery charging tools have been gaining traction in the market place rapidly since their introduction. At this year's Sturgis Motorcycle Rally the company set up at the Black Hills Harley-Davidson lot at Junction 55 on the I90 just outside Rapid City with Drag Specialties/Parts Unlimited, its exclusive North American distributor.



Though there to help the Drag Specialties sales team promote the OptiMate range, with some sales of the company's Solar chargers being made - especially to people who had transported their bikes in closed trailers - one classic opportunity to showcase Solar products came with the show bikes that Drag trailers around for use at events within the USA. These bikes don't get ridden very often and subsequently their batteries are not always charged well enough to fire the engine up or demonstrate the installed accessories, especially the electronics and lights. TecMate CEO/CTO Martin Human takes up the story: "We mounted an OptiMate Solar 20W (TM522-2) and OptiMate Solar 40W (TM523-4) kit to portable A frame displays and put them to work saving, charging and then maintaining those show bike batteries that had become "needy" - making sure the bikes provided continuous service throughout the duration of the Rally. "The OptiMate Solar line features a smart charger-monitor that provides battery status information around the clock - when it is charging the battery during the day and when the battery is at rest overnight. You can even switch the charger-controller from battery to battery to check battery condition, see which battery needs charging most, before you hook up the solar panel. "Once hooked up and the panel receives sun, the solar charge light blinks, confirming



solar power is being delivered, and one of the three battery status lights indicates charge progress. When night falls, or if the smart charger-monitor senses no solar power is being delivered, it changes into a battery monitor with one of the three



charge status blinks, indicating battery status." Martin says the 10W TM522-1 kit (12V 0.8A max.) and 20W TM522-2 kit (12V 1.6A max) are "ideal for all powersports vehicles," but that if you need to rescue a battery faster, the 40W TM523-4 (12V 3.3A) is the charger of choice.

"No one cares about their battery until it's dead. But that might be more frequent than necessary if the vehicle is stored far from AC power, as was the case at Sturgis. With OptiMate Solar, you don't have to change your mindset though - just connect and forget, no more battery problems."



TECMATE
Tienen, BELGIUM
Tel: +32 (0)16 805440
www.tecmate.com
www.optimize1.com



MEMORY FOAM FOR YOUR HANDS.



- Very Soft
- Very Durable
- Chemical Resistant
- Vibration Dampening
- Small, Medium, & Large Diameters
- Chrome or Black Aluminum Ends
- Fit All Harleys & most other brands

www.avongrips.com

"A true breakthrough for motorcycle grip comfort & performance"



Kingwood, TX
(800)334-7477

RSD 2019 Apparel

As Director of Apparel Brands for MAG, ex Oakley and Fox Racing man Rob Ramlose has a wide ranging portfolio to manage, from Answer Racing and Speed and Strength, to Firstgear and Black Brand. Here he introduces highlights from the 2019 RSD Apparel line-up ...

"At RSD we're always looking to improve our products, which is no easy task. Our aim is better leather, better protection and better build quality - while keeping the price in the ball park.

"For the new collection we've taken RSD classics such as the 'Ronin' and 'Clash' and added CE1 level protection and construction, taking our bestselling jackets to another level.

"The heritage collection remains true to the DNA of the brand but now comes with the added features of included removable armor and strategic ventilation without compromising the wearability - we remain true to the focus of on-bike function and off-bike wear with clean, stylish, and subtly branded riding gear.

"Times may change, but the details of what make a quality motorcycle jacket worth owning do not. Quality, comfort, fit, finish, protection and style. It's a recipe that gets better in time if you stay true to your roots, learn from your customers and work to improve on what you have learned.

"Industry shaping designs like the 'Clash' and 'Ronin' are a tough product to improve on, but that's what we've done with the RS Signature models. We realize not everybody wants to wear the same gear, so we've further expanded our textile range and leathers - to bring more diversity to the collection, always keeping function and form in mind.

"Whether we've turned a classic bomber into a rider's jacket or added a hood to a classic leather silhouette, it's quality first".

'Ronin'



The updated 'Ronin' by RSD is now offered in a fully re-imagined version as part of the Roland Sands Signature Collection. "The DNA of this iconic jacket remains but has been wrapped in a ton of new features, including an all new premium leather quality, 1.1 mm-1.3 mm GT Racer - a hand washed, hand waxed and hand finished leather that gives it a pre-worn look and feel. Soft to the touch and requires very little break in. The leather will age with the rider and develop a natural patina overtime."

'Clash'

The "infamous" 'Clash' jacket by RSD is now offered "in an all new, elevated version that brings modern function to this classically inspired jacket design. Part of the Roland Sands Signature Collection, the 'Clash' is a blast from the past.

"Based on the styling of the classic perfecto rocker



jacket the all new 'Clash' keeps that timeless design language but with a ton of new features including and the same new GT Racer premium leather quality seen on the 'Ronin'.

'Jagger'



The new 'Jagger' by RSD "is a true 3-1 multi season jacket with simple yet sophisticated Cafe Racer styling." Constructed of a premium Matte Buffalo leather, the Jagger comes equipped with a removable seam sealed, soft shell hood, a mesh liner, shoulder intake vents and back exhaust ports, and quilt stitch detail.

'Casbah'



Taking inspiration from a few legacy RSD styles, the 'Casbah' is an overtly perfecto style textile jacket constructed mainly of premium RSD waxed cotton, with leather details in key areas and "punk rock" vibe exposed zippers. A magnetic collar features allows the rider to increase ventilation.

'Waylon'



RSD's interpretation of the classic work jacket - constructed of heavy weight duck cotton with suede application on the collar, shoulders and upper back. Features include removable KNOX MICROLOCK molded shoulder and elbow armor, classic riders fit, cool core mesh liner with moisture wicking properties.

'Johnny'



A hybrid jacket that features a premium RSD waxed cotton main body and hand finished .9 mm-1.1 mm Dakota leather sleeves. Equipped with removable KNOX MICROLOCK molded shoulder and elbow armor and back protector ready pocket.

'MIA'



Classic Cafe Racer styling on the outside, with a removable and separately wearable waterproof hood on the inside. The 'MIA' is a 3-1 multi season jacket in 1.0 mm-1.2 mm buffalo leather with removable premium KNOX MICROLOCK molded shoulder and elbow armor, back gusset with zippered vents, WP interior device pocket and a removable WP soft shell hoodie.

ROLAND SANDS DESIGN
Los Alamitos, California, USA
Tel: 562 493 5297
info@rolandsands.com
www.rolandsands.com

Revo-A Heavy Duty Adjustable Dyna and FL Coil Shocks

From Rapid City, South Dakota manufacturer Legend Suspensions, the Revo-A heavy duty adjustable coil shock absorbers are said to deliver "all the benefits of Legend's REVO suspension systems plus six external knob adjustments that allow fine-tuning of rebound damping." They provide optimum rebound performance for any given rider weight, personal ride quality, preference or riding style - heavy duty shock absorbers are recommended for 500 lb.+ rider and passenger total weight. They allow "casual to aggressive style riders to tune to the desired quality or personal preference." They are available in a clear anodized or gold finish in choice of 12, 13 and 14" lengths for Dyna models '91-'05 dual shock applications and 12 and 13" lengths for FL coil suspension.



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



Vity's Design Diamond Collection

Italian accessory specialist Vity's Design's new lightweight floorboard designs use 18 diamond inserts to provide a non-slip surface and feature two different mounting locations allowing the board to be adjusted to the preferred riding position. They will bolt to stock mounts on '84-'17 FLH/T touring models, '84-'17 FLST/FLS Electra/Street Glide and Road King/Bagger models and '12-'17 FLDs. Matching Vity's Design passenger floorboards fit '93-'17 FLH/T models with stock passenger floorboard mounts.

A full range of additional accessories, including foot pegs, grips, modular velocity stacks, air cleaners, exhaust tips, forward controls, hand controls, and mirrors also available in a range of anodized colourway and finish combinations including polished, black and brass.



VITY'S DESIGN
Fermo, ITALY
Tel: +39 0329 200 6128
info@vitydesign.com
www.vitydesign.com



Dr. Jekyll & Mr. Hyde

THE EXHAUST

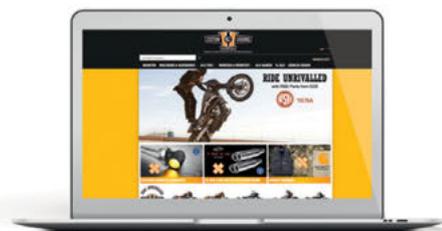
**TOP SELLERS
IN STOCK!**



**ALL DR. JEKILL & MR. HYDE
PRODUCTS AVAILABLE AT
CUSTOM CHROME EUROPE**



**ASK YOUR SALES
REPRESENTATIVE
FOR MORE DETAILS**



Check new Dealer Store!
custom-chrome-europe.com



World's Finest Products For Harley-Davidsons



The new DF series:
extremely small - extremely bright!

Kellermann
www.kellermann-online.com



micro S DF Dark
Combination-
indicator-rear-brake light

Atto® DF
Combination-
indicator-rear-brake light

Rhombus S DF Dark
Combination-
indicator-rear-brake light



Made in Germany®
3 years warranty

Phone: 0049 (0) 241 938 0815 | From USA & Canada: 011 49 241 938 0815
Email: info@kellermann-online.com | Jülicher Straße 336 · 52070 Aachen · Germany

NEW! FLYSCREEN® DARK

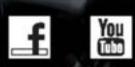
N2530-002
Light Tint
Black Hardware
Shown on
XG750/500 Street

N2535-002
Dark Tint
Black Hardware
Shown on
XL1200CX



Mounting Hardware
Included With All
Flyscreen Windshields

Available Worldwide!
Visit nationalcycle.com/support-intl-dist
+708-343-0400 • info@nationalcycle.com
Maywood, Illinois U.S.A



national cycle made in u.s.a.

WORLD'S BEST MOTORCYCLE WINDSHIELDS AND ACCESSORIES

Enhanced Smooth Ride Air Suspension Kits for Dynas



Merritt Island, Florida based Arnott Motorcycle Air Suspension has introduced two new, enhanced, Smooth Ride kits for '91-'07 and '08-17 Dyna models that feature a thicker monotube shock than provided in previous versions. A larger multi-ply Goodyear air spring holds more air - providing additional adjustability and greater comfort. An aluminum cover protects the air spring. Operated via an onboard VIAIR high output compressor and micro-toggle or optional handlebar inflation switch, Arnott says the kits offer more than 3.10 inches of travel (13 inch extended, 9.90 inch collapsed). At the core of the system are two custom-valved 13" nitrogen charged, monotube shocks with an Internal Floating Piston (IFP) that separates the gas from the oil, eliminating oil foaming and cavitation, "resulting in a better ride and less damage."

Using a patent-pending design, "Arnott adds a rugged Goodyear air spring to allow the rider the flexibility of setting the height of their rear suspension based on their

weight, size, road conditions, load and riding preference. "Arnott pairs the shocks with a small but powerful compressor, custom-designed application specific mounting bracket and air distribution valve block which includes a muffler to control how fast air is released." Arnott says it uses VOSS airline fittings, nylon airline tubing, a protective nylon split loom and fused wiring harness and relay assembly. Each kit includes everything needed for a "fast and flawless installation", including user manual, fused wiring harness and relay assembly, all necessary tubing, cable ties, fittings, bolt covers, protective aluminum covers and mounting accessories. Using aircraft-quality billet aluminum, each shock is backed by Arnott's Limited Lifetime Warranty.

ARNOTT AIR SUSPENSION
 Merritt Island, Florida, USA
 Tel: 321 868 3016
doug.taylor@arnottinc.com
www.arnottcycles.com



REBUFFINI RR90 HAND CONTROL KITS FOR CAN BUS MODELS



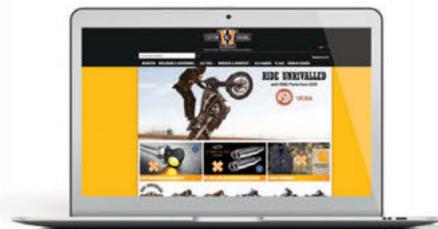
Complete Set (Brake and Clutch incl. Can Bus Switches)



Kit includes drilling templates for proper installation and cable routing



ASK YOUR SALES REPRESENTATIVE FOR MORE DETAILS



Check new Dealer Store!
custom-chrome-europe.com



World's Finest Products For Harley-Davidsons



WL Racing Chassis Kit



The long-awaited WL Racing Chassis kit inspired by the 'Race of Gentlemen' is finally here - available from Newburgh, New York based Tedd Cycle.

This V-Twin 45" WL bobber chassis kit includes a replica 45 W style stock rigid frame made from brazed construction with a raw finish. You'll also find 18" wheels with WR spools and a nickel-plated hub, stainless steel spokes and nipples and an 18" black steel rim; black stock replica 28" inline spring fork assembly with fully assembled handlebars.

A black rear brake drum assembly with sprocket riveted on is included, as well as the black backing plate assembled with shoes, springs, cam, pivot stud, parkerized arm and speedometer drive. Front and rear axles along with neck bearing cup kit, a 3 1/2 gallon WR gas tank set, the rear wheel stand and straps and footboard rods are all brand new replica parts.

The kit includes a replica frame, 18" wheels, black Spring Fork with assembled handlebars, black rear brake drum assembly, front and rear axles, neck bearing cup kit, 3 1/2 gallon WR gas tank set and footboard rods.

V-TWIN MFG/ TEDD CYCLE, INC.
 Newburgh, New York, USA
 Tel: 845 565 2806
info@teddcycle.com
www.vtwinmfg.com

COMPLETE KIT LIST

Servi-car shifter rod, zinc
 Replica rear kickstand, black
 Rear kickstand mount kit, parkerized
 Parts service manual for 45 WL
 Hand shift lever, chrome
 Rear axle kit, black
 Neck cup bearing kit, zinc
 Spring fork assembly, 28", black
 Replica gas cap set, parkerized
 Rear chain adjuster, parkerized
 45 shifter gate, army, black
 Spring fork speedster handlebar
 Front & rear support rod set
 Inner tube 18", metal stem/center
 Wheel lug bolt kit, parkerized
 Scissor fork damper kit
 18" WR front spool wheel
 18" - 19" rim strip, center valve
 Handlebar grip set, beck, hill
 45" WR rear fender, raw
 45 gas tank panel, steel
 45" front wheel axle kit
 Rear brake assembly, black
 Brake rod, front, 10-7/8", parkerized
 Brake rod, rear, parkerized
 Replica 45 stock style rigid frame
 Rear brake bell crank, parkerized
 18" x 2.15" front or rear wheel
 WR 45" gas tank set, raw narrow
 WL/G clutch pedal assembly
 Fork steering damper kit parkerized
 Spring fork top tree cover
 18" coker black diamond replica
 Velo racer seat, black, ground
 Gas tank mount kit, parkerized
 Replica seat tee, black
 Brake pedal assembly, parkerized
 Oval head screw kit, parkerized
 Brake arm anchor stud kit
 WR solo seat spring set, parkerized
 Shifter lever stud, parkerized
 Mechanical brake rod clevis
 Muffler clamp set, 1", chrome
 Brake rod clevis pin, parkerized
 Spacer, chrome steel

Heavy Duty Throwout Bearing Kit



Baker Drivetrain says its Heavy Duty Throwout Bearing Kit features a larger thrust bearing with a 97% greater surface area and 77% greater static load capacity than the stock bearing. This kit will fit 1987 and later applications (except 2018 models with factory hydraulic clutch).

Bert Baker says that "people have been griping about the 37311-75 throwout bearing since it was introduced into Big Twins in 1975. Failures occur when the clutch cable is inadvertently adjusted with little to no free play.

"Performance clutches are even harder on that little bearing. Our kit was developed to address the failures of the stock clutch throwout bearing in 1987-up applications with the ball-and-ramp actuator."

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

M-8 124" Bolt-On Big Bore Kit

Plymouth, Wisconsin based Revolution Performance says its 124" M-8 Bolt-On Big Bore Kit is "the most reliable way to increase power and torque on the 2017-2018 M-8 107" engine," for Tourers and Softails. "Each 124" kit comes with our state of the art all aluminum 4.250" Nickel Silicon Carbide (NSC) plated cylinders, which last longer and run cooler than the conventionally iron lined OEM cylinders and are matched with a premium forged piston kit and a complete Cometic gasket kit."

Subject to the cylinder head combustion chamber volume, the forged flat-top piston kit delivers a 10.4:1 compression ratio and



the company says the kit installs without the need for any other engine modifications, "but can benefit from our other products and services such as our 124

inch M-8 Velocity CNC Cylinder Head Porting Package."

Testing is said to have shown that the kit can produce as much as 28.4 percent gain in power and 17.8 percent gain in torque, and that the NSC plating process "forms an extremely hard barrier on the cylinder bore with exceptional wear resistant with excellent oil retention and a low coefficient of friction.

"Because our cylinder and piston are the same material, they expand at the same rate when exposed to heat - this means tighter, more precise tolerances can be used and the cylinder will run up to 40 degrees cooler."

REVOLUTION PERFORMANCE
 Plymouth, Wisconsin, USA
 Tel: 920 892 2109
info@revperf.com
www.revperf.com



Kuryakyn Orbit 'Vision' and 'Prism' LED Options



5 3/4" Orbit vision headlamp



Orbit Vision LED Passing Lamps White Halo



Orbit Prism Multi color halo

5 3/4" Orbit Prism multi color HALO and bluetooth app



This 5 3/4" Orbit 'Vision' LED headlight with white halo from Somerset, Wisconsin based accessory specialist Kuryakyn is a high-output LED headlight with integrated outer white halo ring to significantly enhances night-time field of vision and all-around visibility.

The Raw lumen output is 2,200 (high beam), 1,300 (low beam); 'effective' lumen output is 1,300 (high beam), 860 (low beam) with a reduced draw of 1.25 amps (low beam) and 2.0 amps (high beam) and a color temperature of 6,500k.

The headlight uses a standard H4 bulb, has the 3-blade connector and ships with all mounting hardware.

Kuryakyn say that the DOT compliant design delivers "uniform light distribution and greater temperature stability" and that it has a durable IP67-rated aluminum housing, with UV-protected, scratch-resistant polycarbonate lens.

Also seen here is the 5 3/4" Orbit 'Prism' LED headlight with Bluetooth controlled multi-color halo

that can be controlled via downloadable iOS or Android app to customize the outer halo ring with "infinite" color options. The 'Prism' has the same output, draw, housing and install specs as the 5 3/4" 'Vision'.

These 4 1/2" Orbit LED passing lamps are also available in the Kuryakyn 'Vision' (white halo) and 'Prism' (multi-color halo - with Bluetooth color management app) ranges. Made to the same housing and install specs as the 5 3/4" 'Vision' and 'Prism' headlights, they have a raw lumen passing beam output of 850 and 'effective' lumen output of 560 with a 0.85 amp current draw and the same 6,500k color temperature.

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



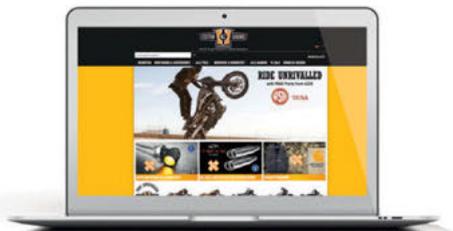
THUNDERBIKE TURN SIGNALS



In stock for all models -18.



ASK YOUR SALES REPRESENTATIVE FOR MORE DETAILS



Check new Dealer Store!
custom-chrome-europe.com



S&S Adds Slash Cut Slip-On Option to Grand National M-8 Softtail Line-Up



S&S Cycle has made Viola, Wisconsin the home of "proven performance", and with that also now including exhausts powerful enough to give the Indian Motorcycle FTR750 AFT race team its second consecutive Grand National Championship, the additions to the S&S Grand National high performance exhaust system program continue to come thick and fast.

In addition to full systems, the popular Grand National muffler line also includes slip-ons, including for the latest generation of M-8 engined Softtail models, and the company has now added a lower dollar slash cut version as well.

Shipped with a removable dB reducer baffle, Grand National slip-ons are developed on the same

legendary S&S dynos, with the same state of the art performance laboratory data acquisition tools that are used for its race products, with the backup of one of the market's leading in-house emissions laboratories.

S&S tests its exhausts to ensure that the product dealers sell is compliant, sounds great, and still delivers on the S&S "proven performance" promise of increased power and torque. In the case of Grand National slash cut slip-ons, the company says it is delivering up to 91 hp and 113 ft/lb torque.

They are available in show chrome or ceramic coated black for '18-'19 Street Bob, Low Rider, Softtail Slim, Deluxe, Breakout, Fat Boy and Heritage Classic.

S&S CYCLE INC.
Viola, Wisconsin, USA
Tel: 608 627 1497
sscust@sscycle.com
www.sscycle.com

Accutronix +6" Forward Controls

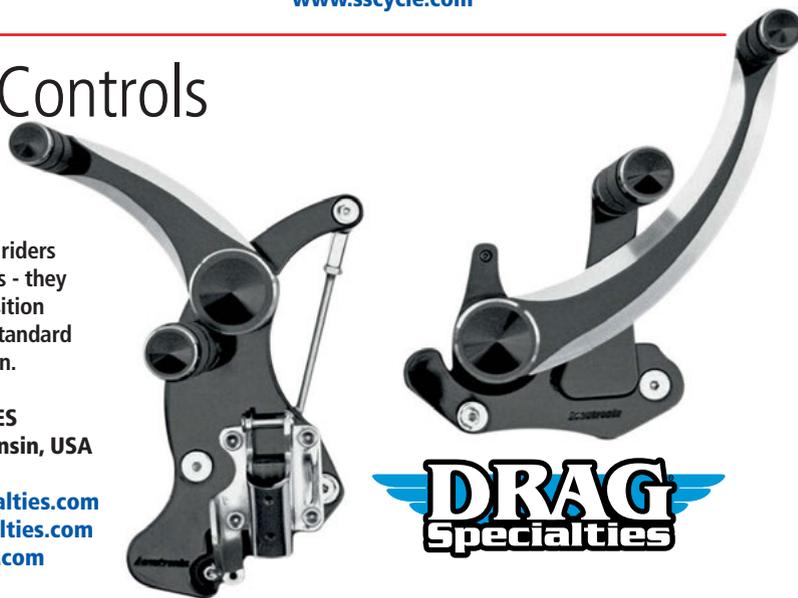
An innovator where forward controls are concerned, respected Phoenix, Arizona based manufacturer Accutronix Motorcycle Products has these +6" CNC Machined 6061-T6 heat treated billet aluminium forward controls available with a chrome-plated or night series finish.

Features include sealed bearings on the pivot points for smooth operation and no maintenance and 3/4" mounting plates for superior strength. They are assembled with chrome hardware - the kit comes ready to install.

They use the existing stock master cylinder and include foot and toe pegs. Accutronix

says they will fit with a crash bar and are recommended for riders with 30"+ inseams - they move the foot position forward 6" from standard floorboard position.

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



Rockford Fosgate Speakers for Boom! Audio Bag-Lids

Tempe, Arizona based Rockford Fosgate has these new stage 1 and 2 Boom! audio specific speakers available for Harley hard bag lids.

"This new element ready, purpose-built bag lid speaker upgrade solution has been designed for the often harsh environments motorcycles are subject to out on the open road," explained Jake Braaten, Rockford's V.P. of Product Development & Engineering. "Our new drop in solution allows for the upgrade of existing factory Boom! audio stages

1 and stage 2 bag lids with our top-of-the-line Power Series motorcycle-specific speakers."

Backed by a 2 year warranty, features of the 5x7" 100/200-watt (RMS/peak) speakers include carbon-fiber reinforced polypropylene cone, high power 35.5 mm voice-coil, ultra-efficient neodymium dual magnet motor structure, ultra-high temperature glass reinforced polymer frame, integrated 6db crossover with high power polyester capacitor, ultra-efficient 25mm proprietary film dome tweeter,



hidden tweeter wire and factory H-D connector for plug-n-play operation.

ROCKFORD FOSGATE
Tempe, Arizona, USA
Tel: 480 967 3565
www.rockfordfosgate.com

CCE - LePera 'Sprocket' and 'KickFlip'



'Sprocket'



'Kickflip'

Custom Chrome Europe has the latest new seats in stock from the North Hollywood, California based workshops of respected seat specialist Le Pera.

Available for selected FXR, Dyna, Sportster and Touring models, a selection of stitch styles is available including 'Smooth', 'Diamond' and 'Pleated'.

Two stylish new designs are offered - the

'KickFlip' for '06-'17 Dynas and the Sprocket Solo for '08 and up Baggers.

Described as a "sinfully 'Bobbed and Chopped' design, the 'Sprocket' solo creates enough back support for highway riding, with a bobbed back that updates one of our most popular designs from the 1970s," says Bob Le Pera Jr.

The 'KickFlip' for '06-'17 Dynas is additionally available in 'Pleated Gripper' and 'Basket Weave' stitch finishes - "this is the seat that every Freestyler would be stoked to own" says Bob.

Like all LePera seats, it has 46 years of handcraftsmanship invested into every detail and features a powder-coated 16-gauge steel base plate, a specially poured high-density "Marathon" molded foam foundation and double-stitched handcrafted cover with bonded polyester thread for durability.

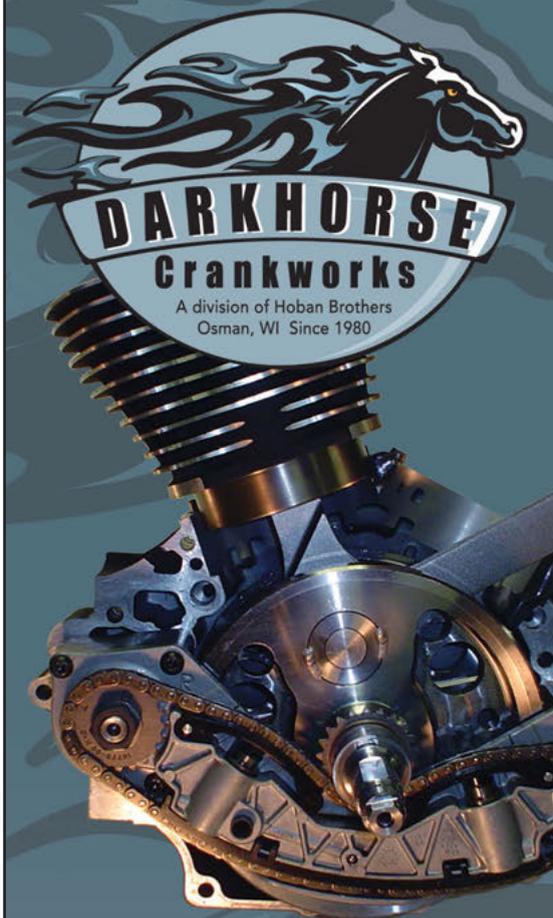
CUSTOM CHROME EUROPE
Grolsheim, GERMANY

Tel: +49 (0)6721 4007 0

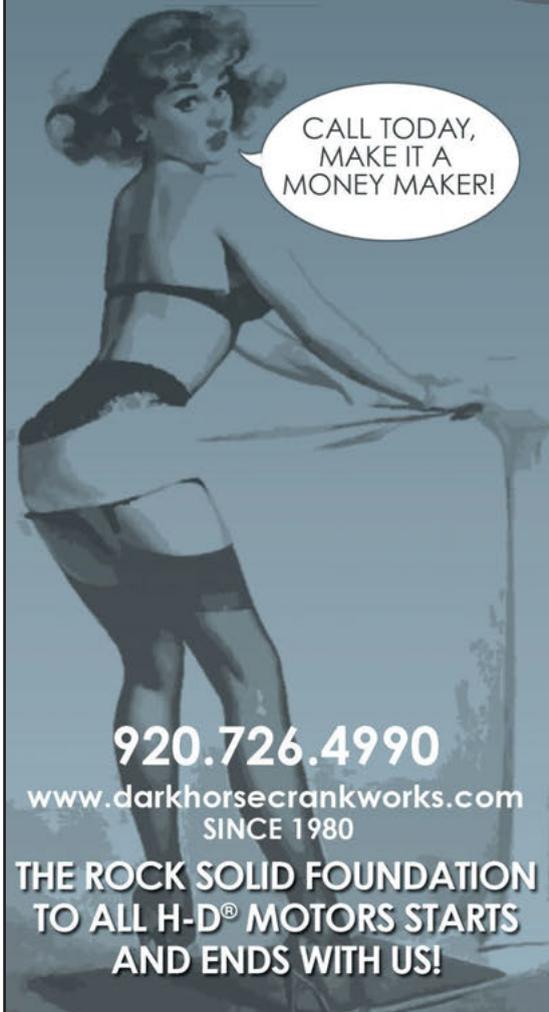
info@customchrome.de

www.custom-chrome-europe.com

www.lepera.com



DON'T LET YOUR BOTTOM END BE A SHAKER!



920.726.4990

www.darkhorsecrankworks.com

SINCE 1980

THE ROCK SOLID FOUNDATION TO ALL H-D® MOTORS STARTS AND ENDS WITH US!

Vanson LED Equipped Drifter

The Drifter LED from respected Fall River, Massachusetts based manufacturer Vanson Leathers, is an updated edition of its established and popular Drifter design, and features integrated high visibility, waterproof LEDs sewn in to the back and upper arms. Constructed in the customary, high quality 3.5 ounce leather that Vanson has always been known for, the jacket delivers exceptional night time visibility from the rear and sides to keep riders noticeable even when not in direct street or vehicle lights.



As a hazard warning, the LEDs flash if the jacket's accelerometers and gyroscope in the 'Little Black Box' that goes in the pocket detect that the rider is braking or has hit the pavement.

The Vanson Leathers Drifter jacket "incorporates the retro look that bikers want in their motorcycle leather along with features that contribute to both the

comfort and safety of the rider."

Constructed in medium weight 'Firenze' cowhide the Drifter has two zip close hand pockets, two zip close inside lining pockets, anodized black metal zippers, chrome snaps, zip close sleeves, nylon athletic mesh lining and leather wind flap.

The Drifter is available with Vanson's current generation of patented race track derived Grand Prix Floating Armor System (F.A.S.) Hard Armor. Assembled at Vanson, the armor pieces are made of a hard thermoplastic disc sewn to closed-cell impact-absorbent polyethylene foam, laminated to Velcro pile on both sides for strength and rigidity. The edges are encapsulated in their 3.5 ounce leather for added protection from the edges of the plastic shell.

The Floating Attachment System (F.A.S.) - along with the company's current generation of Soft Armor - prevents the forces of landing and sliding causing the jacket to pull away from the rider in an accident; the F.A.S. feature allows the armor to stay in position.

The CE-approved armor for the elbows and shoulders is pre-installed with the back pad (a row of hard thermoplastic scales fastened with medical rivets to the same foam backing) separately available.

Available in men's and women's sizes, Vanson Drifter jackets are made at the company's New England facility, south of Boston.

VANSON LEATHERS

Fall River, Massachusetts, USA

Tel: 508 678 2000

vanson@vansonleathers.com

www.vansonleathers.com

Innovative Control Solutions...

AIRFX
Air Suspensions

Front and rear air ride valve packages now available.

Purchase just the valve, or the complete AirFX Integrated Control Solution.

New!
Q-Pak Valve Manifold



One Q-Pak, 6 Switch Options!

Kits available for Handlebar mount Micro Switches, Indian, Early & Late model HD Touring Bikes, and mating cables to your stock switches.



Made in the USA and Available Now!



HH *Hawg Halters Inc.*
DISTRIBUTION PARTNER

PERFORMANCE, BY DESIGN.

AirFXUSA.com • 812.814.9978

GENUINE



BARNETT

BRAKE AND CLUTCH LINES

APPLICATIONS FOR

HARLEY DAVIDSON, INDIAN, VICTORY

DESIGNED TO MATCH
GENUINE BARNETT CABLES



Barnett
Clutches & Cables



BARNETTCLUTCHES.COM



CLASSIC STAINLESS

BLACK W/ CHROME FITTINGS

PLATINUM SERIES

STEALTH BLACK ON BLACK



All Barnett brake lines, fittings and hardware are made in-house, in the USA.

RapidLaser Chassis Alignment and Diagnostics

Hayden, Idaho based distributor Blue Monkey Motorsports, the North American distributor for the European made HealTech product line, is offering the HealTech RapidLaser as a cost effective and affordable frame and chassis check-up tool for workshops, race teams, bike dealers, and repairers. It determines misalignment and reveals hidden

frame damage in a "fast and precise manner," allowing dealers to carry out proper frame and chassis check-ups and measurements quickly and precisely.

Checks that can be undertaken with the versatile RapidLaser include rear wheel alignment, bent/twisted swingarm, headstock and fork leg alignment checks, and wheelbase measurement - which can be a diagnostic for frontal impact among other nasties.

Founded in Hungary in 2003, HealTech is noted especially for its instruments and shifters. The RapidLaser is available for selected Buells and all Harleys with Delphi ignition (except VRSC), all with cable speedo (all years), '98-'06 5-Speed Big Twins and '07-'15 6-Speed Big Twins.

BLUE MONKEY MOTORSPORTS
Hayden, Idaho, USA
www.bluemonkeymotosports.com



Brass Balls Bagger Accessories and Wrapped Grips

Oklahoma City based parts and accessory designer and manufacturer Brass Balls is known for bringing "hand crafted, superior bikes and accessories to the motorcycle industry with an aggressive yet elegant appeal."

Among the fast-growing range of bolt on accessories it offer in its new line up, these new touring fuel doors with matching tank panels (sold separately) will be "stunning additions to any custom bagger build." Available in a natural or satin black finish with either a carbon fiber or hammered copper inlay.

Also seen here, Brass Balls leather wrapped grips "are the perfect balance of fashion and function." CNC machined from billet aircraft grade aluminum with a recessed knurled surface to ensure the leather will not slip or twist. The leather is laser cut to shape. The pattern is embossed and then the leather is dyed, airbrushed, glued and skilfully hand stitched around the grip. Available in natural or satin black finish with either black, tan or dark brown leather. There are fitments available for cable throttle, throttle by wire and Indian models.



HARDDRIVE V-TWIN
Boise, Idaho, USA
Tel: 208 376 8400
orders@hdtwin.com
www.hdtwin.com
www.brassballscycles.com



DERBY COVER GASKETS

ALUMINUM FOAMET GASKETS FOR SLIMLINE PRIMARIES



James Gaskets offer the most comprehensive range of primary and engine gaskets and seals on the market.

Precision manufactured from heat tolerant aluminum, the cross-linked Foamet nitrile synthetic rubber is chemically blown to create a soft, conformable layer that is permanently bonded to the SAE 5052 H38 aluminum core.

The foam compresses, providing excellent torque retention sealability, with no additional sealants required.

Premium quality gaskets and seals for all Harley-Davidson® models 1936 to present

www.jamesgaskets.com

Speed and Strength - Safety and Style

Described as being "the epitome of the anti-establishment street rider," MAG Apparel says its Speed and Strength brand is for riders of all levels who are "led by culture, style and performance- those who consider themselves a rebel to the status quo of the common rider with a primary emphasis on sportbikes and bobber V-twins."

The company goes on to say that "Speed and Strength's mission is to develop safety riding gear that exudes the edgy culture of urban and canyon street riding through bold, aggressive product and marketing designs" and that its sole mission is to "merge premium-grade materials, body armor and performance through design to enhance the ride while minimizing bodily damage."

Highlights of an all-new fall collection include a 'Rust and Redemption' 2.0 textile jacket, 'Run With The Bulls' armored hoody, 'War Path' armored vest, 'Street Savvy' womens' leather and textile jacket and moto pants and 'Critical Mass' mens' denim and helmets. Speed and Strength apparel is distributed exclusively by Tucker and Tucker V-Twin.

SPEED AND STRENGTH
Irvine, California, USA
Tel: 800 347 1010
www.ssgear.com



'Critical Mass' mens' denim - 12 oz stretch denim, removable 'Vault' CE approved knee armor, seat and knee areas reinforced with Aramid fiber thread

'Street Savvy' womens' moto pants - cotton-poly blend, removable 'Vault' CE approved knee protectors, seat and knee areas reinforced with Aramid fiber thread

'Rust and Redemption' 2.0 - heavy duty cotton canvas, removable 'Vault' CE approved shoulder, elbow and spine protectors, 'Speed Zip' controlled intake and exhaust ventilation, shoulder expansion gussets, microfiber lined collar and adjustable cuffs



'Street Savvy' womens' leather/textile jacket - combined leather and waxed cotton canvas, AR-500 stretch frame, removable 'Vault' CE approved shoulder, elbow and spine protectors, removable hoody vest liner, reflective trim



'Run With The Bulls' - cotton-Aramid blend, removable 'Vault' CE approved shoulder, elbow and spine protectors, molded strong arm sleeve adjusters, adjustable fitted hood



'War Path' - armored vest - "when less is better, a minimalistic approach with injection molded chest and spine armor". Tri-composite 'Fierce' mesh, P.U. and flex foam frame; injection molded spine and chest armor, flex form construction

TBR

WWW.TWOBROS.COM

Available for 2017+ Touring Models

Shorty Slash Cut 2-1 Systems

New Available



Also available for 2007-2016 Touring models



Designed to deliver maximum Torque & Horsepower to the new 2017 and up M-8 Touring
Fabricated and dyno tuned for maximum clearance and performance !

Available in Stainless, Polished or Black finishes

Handcrafted in the USA

Distributed in Europe by :

info@twobros.com
info@mag-connection.com



CC-052018-4331014.71.04.02



CABLES



**Ultima®
Clutch Cables**
Vinyl
Starting at
\$13.99
Stainless
Braided
Starting at
\$17.99



**Ultima®
Throttle & Idle Cables**
Vinyl Starting at
\$8.99

NEW! Stainless Braided
Starting at
\$11.99

Ultima Cables feature polished chrome fittings. Available Black Vinyl outer casing or Stainless-steel braiding. Cables have tempered steel inner conduit and an inner nylon liner for smooth operation and extended life. Braided cables feature an abrasion resistant outer housing coated with a non-yellowing clear covering. Download an application chart at: http://www.ultimaproducts.com/Ultima_Cable_Products.pdf

Distributed
Exclusively
By:

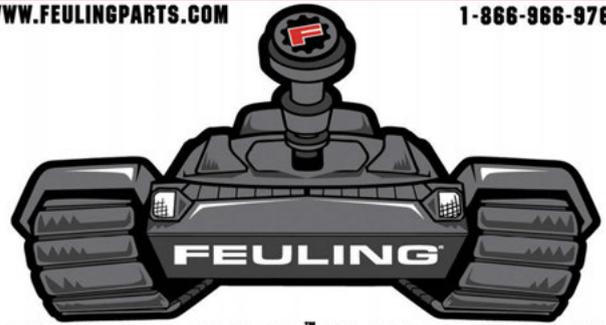


Prices
Subject
To Change

U.S.A. Toll Free: 1-800-325-3914
Local & International: 636-931-3200

WWW.FEULINGPARTS.COM

1-866-966-9767



BULLETPROOF™ YOUR ENGINE



**MORE POWER
MORE OIL PSI
COOLER ENGINE
COOLER OIL
NO BLOW BY**



FEULING®

HIGH VOLUME OIL PUMPS - LIFTERS - HIGH FLOW CAMPLATES
PUSHRODS - CAMSHAFTS - CAM INSTALL KITS - VALVESPRINGS



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

BRIDGESTONE



ITALIAN MOTORCYCLE CHAMPIONSHIP

33RD EDITION

BIKERFEST

ITALIAN BIKE WEEK

9-12 MAY 2019
LIGNANO SABBIAORO
UDINE - ITALY

BIKERFEST.IT

info: info@bikerfest.it

ph +39 0432.948777 fax +39 0432.948606

stand: stand@bikerfest.it

Hotel - Camping: booking@bikerfest.it

Biker Fest International [bikerfestint](https://www.instagram.com/bikerfestint) [#bikerfestlignano](https://www.instagram.com/bikerfestlignano)



CRUISIN

Kustom
WORLD

TERRE
MOTO
marketing communication events



Optimate

tecMATE

www.tecmate.com

Multi-lingual catalogs :
tecmate.com/cat

Global distributors :
tecmate.com/distributors

Email (sales / service / technical):
tecmate.com/contact

SALES OFFICES

EUROPE, UK & Rest of the World
(for regions not listed below)

**TecMate (International)
S.A., Belgium**
Tel: +32-16-805440

North, Central and
South America

**TecMate North America,
Canada**
CAN : +1-905-3372095
USA : +1-541-6399800

Africa, Australia, New Zealand,
Southern Asia

**TecMate South Africa,
South Africa**
Tel: +27-21-5316045



**INTERNATIONAL
HEAD OFFICE**

THE NETHERLANDS

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

AUSTRALIA

CASSONS PTY. LTD.
TEL: +61 28882 1900

Email: enquiries@cassons.com.au

AUSTRIA

ZODIAC ÖSTERREICH
TEL: +43 67 64 86 40 65

Email: zodiac-oesterreich@zodiac.nl

FRANCE

ZODIAC FRANCE
Tel: 01 45 93 10 75

Email: zodiacfrance@zodiac.nl

FC PARTS

Tel: 03 27 85 57 15

Email: fcparts@wanadoo.fr

GERMANY

ZODIAC DEUTSCHLAND
Tel: 02137 78740

Email: zodiac-deutschland@zodiac.nl

GREAT BRITAIN

ZODIAC U.K.

Tel: 01453 882 917

Email: zodiac-uk@zodiac.nl

HUNGARY

ZODIAC MOTORCYCLE
PRODUCTS HUNGARY

Tel: 06 30 217 1832

Email: zodiac-hungary@zodiac.nl

ITALY

ZODIAC ITALIA

Tel: 3426 561527

Email: zodiac-italia@zodiac.nl

SCANDINAVIA

ZODIAC SCANDINAVIA

Tel: +46 (0)70-518 14 62

Email: scandinavia@zodiac.nl

SPAIN

ZODIAC ESPANA

Tel: 663 86 81 44

Email: spain@zodiac.nl

SWITZERLAND

AMERICAN BIKE SHOP

Tel: 071 761 2678

Email: abs-zodiac@rheintal.ch

www.zodiac.nl

Genuine
JAMES GASKETS

WORLDWIDE DISTRIBUTION

AUSTRALIA

Redgrave Motorcycle - www.redgravemc.com
Rollies Speed Shop (RSS Dist.) - www.rollies.com.au

CANADA

Importations Thibault - www.importationsthibault.com
Motovan - www.motovan.com
Parts Canada - www.partsCanada.com
Preston Cycle - www.prestoncycle.com

EUROPE

Custom Chrome Europe - www.custom-chrome-europe.com
Motorcycle Storehouse - www.mcseurope.nl
Parts Europe - www.partseurope.eu
W & W Cycle - www.wwag.com
Zodiac, Int'l. - www.zodiac.nl

JAPAN

Konishi Parts - www.konishiparts.com
Neo Factory - www.neofactory.co.jp
J.P. Stroker - www.jpstroker.com

NEW ZEALAND

Performance Cycle Wholesale - www.performancecycle.co.nz

USA

Biker's Choice - www.bikerschoice.com
Drag Specialties - www.dragspecialties.com
Tec Distributing - www.tecdist.com
Tedd Cycles - www.vtwinmfg.com

www.jamesgaskets.com

MOTORCYCLE STOREHOUSE

Motorcycle Storehouse B.V.
Industrieweg 22, 9781 AC Bedum, The Netherlands
Tel: +31 (0)50-3039775 - Fax: +31 (0)50-3039777

**INTERNATIONAL
SALES OFFICES**

MCS Spanish agent

Paloma Pinto
Tel: +34 0 93 865 7427 - Fax: +34 0 93 865 7427
E-mail: paloma@mcseurope.nl

MCS French agent

Bruno Selle
Tel: +33 (0)4 90 67 76 33 - Fax: +33 (0)4 90 67 92 11
E-mail: bruno@mcseurope.nl

MCS German agent

Rasi Bayazid
Tel: +49 (0)211 289 0538 - Fax: +49 (0)211 289 0532
E-mail: rasi@mcseurope.nl

MCS Italian agent

Marcello Fontana
Tel: +39 0445 390437 - Fax: +39 0445 395539
E-mail: marcello@mcseurope.nl

MCS UK agent

Simon Letts
Tel: +44 (0)1892 668844 - Fax: +44 (0)1892 667722
E-mail: simon@mcseurope.nl

MOTORCYCLE STOREHOUSE




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



Ricksmotorsportelectrics.com
info@rickselectrics.com
 1-800-521-0277



DISTRIBUTOR NETWORK

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

USA
 Bikers Choice
 Tel: (800) 347 8080
 Drag Specialties
 Tel: (800) 222 3400

www.barnettclutches.com



▲ PROTECTION GUARDS ▲ LUGGAGE CARRIERS
 ▲ HANDLEBARS ▲ CHROME PARTS




Ernst Fehling GmbH & Co. Metallwarenfabrik
 Mendener Str. 1 - DE-58739 Wickede (Ruhr) - Germany
 Fon +49 (0) 23 77 - 20 33 ▲ Fax +49 (0) 23 77 - 16 35

www.fehling.de

TRADE zone
 For more information on TRADEzone advertising
 contact Sara Viney - sara@dealer-world.com

AMD WORLD CHAMPIONSHIP OF CUSTOM BIKE BUILDING

INTERMOT, COLOGNE, GERMANY
OCTOBER 3-7 2018





CLASSES - FREESTYLE - CAFE RACER - MODIFIED HARLEY®
 RETRO MODIFIED - STREET PERFORMANCE

SCHEDULE -
 SETUP - MON OCTOBER 1ST
 PRESS - TUES OCTOBER 2ND
 TRADE/DEALERS - WED OCT 3RD
 PUBLIC - THURS 4TH TO SUN 7TH
 JUDGING - SAT OCT 6TH
 AWARDS - SUN OCT 7TH

WWW.AMDCAMPIONSHIP.COM
 MORE INFORMATION - SARA@DEALER-WORLD.COM



THIS MONTH'S ADVERTISERS

AIM Corp (US) Clutches & gear kits	4
AirFX USA (US) Air suspension kits	54
Arlen Ness Enterprises (US) Parts & accessories	9,44
Avon Grips (US) Memory foam grips.....	45
Avon Tyres (GB) Tyres	5
Badlands Motorcycle Products (US) Illuminator modules	58
Barnett Clutches & Cables (US) Brake & clutch lines	54
Biltwell (US) EXFIL backpack and tool roll	40-41
Custom Chrome Europe (DE) Parts & accessories	47,49,51
Darkhorse Crankworks (US) Crank assembly balancing & rebuilds.....	53
DP Brakes and Clutches North America (US) Brakes & clutches	63
Drag Specialties (US) Air, oil & fuel filters	23
Editrice Custom (IT) 33rd Biker Fest International	59
Fehling (DE) Parts & accessories	61
Feuling Parts (US) Bulletproof camchest kits	58
Goodridge USA (US) Parts & accessories.....	37
Hawg Halters Inc (US) Complete front kits	2
James Gaskets (US) Derby cover gaskets, distributor network	55
JIMS (US) Forceflow	63
Kellermann (DE) New DF series lighting	48
Kustom Tech (IT) Parts & accessories.....	18
Le Pera Enterprises Inc (US) Seats	17
MAG Connection (FR) Distributor, TBR exhausts.....	11,57
Memphis Shades (US) Rio Grande Sportshield	35
Mid-USA Motorcycle Parts (US) Parts & accessories.....	21
Midwest Motorcycle Supply (US) Ultima products	58
Motorcycle Storehouse (NL) Distributor, International Sales Offices	14-15,38-39,60
NAMZ Custom Cycle Products (US) Wiring harnesses & fluid lines.....	20
National Cycle (US) Windshields & accessories	48
Rick's Motorsport Electrics (US) Starters, chargers & ignitions	61
S&S Cycle (US) Oil pump & cam plate kits.....	7
SBS Friction (DK) SBS brake pads	19
Sport Chrome (US) Quality chrome with lifetime warranty	29
Tech Cycle Performance Products (US) Belt drives & starters	20
TecMate International (BE) OptiMate Solar - 24-7 battery status, sales offices	35,60
TTS Motorcycles (DE) Rims & wheels	31
Tucker V-twin (US) BikeMaster center jack	30
Tucker V-twin (US) Twin Power Oil	43
Western Power Sports (US) HardDrive products	26
Zodiac International (Europe) (NL) Parts & accessories, European offices	13,60

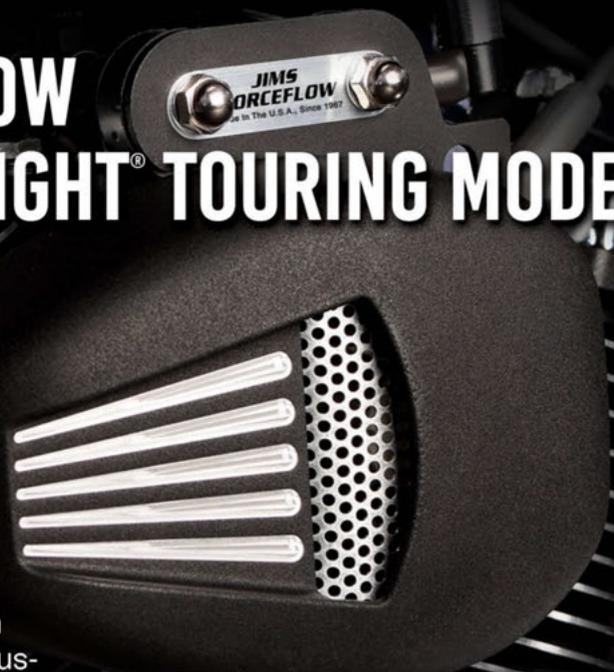
THIS MONTH'S EDITORIAL ITEMS

Accutronix Motorcycle Products (US) Forward controls available through Drag Specialties	52
American Motorcyclist Association (AMA) (US) Jared Mees takes fifth AFT win.....	12
American Motorcyclist Association (AMA) (US) AFT audience metrics growing and diversifying	14
American Motorcyclist Association (AMA) (US) Adopts official statement on automated vehicles	15
American Motorcyclist Association (AMA) (US) Hall of Fame 2018	18
Arlen Ness Enterprises (US) 'Method' range of accessories	42
Arnott Air Suspension (US) Enhanced smooth ride air suspension kits for Dynas.....	49
ACEM (BE) NewsBrief: European electric motorcycle registrations.....	6
ACEM (BE) NewsBrief: European motorcycle registrations	64
Avon Tyres (GB) Cobra Chrome launch	32-33
Baker Drivetrain (US) Heavy duty throwout bearing kit	50
Barnett Clutches & Cables (US) Clutch cables for Indians	36
Bassani Xhaust (US) Performance slip-ons	38
Biltwell (US) 1941 H-D Flat Tracker	20
Blue Monkey Motorsports (US) RapidLaser chassis alignment and diagnosis	55

Bobber Garage (LI) Rats Hole winner "Monarch"	22
Bombardier Recreational Products (CA) NewsBrief: Second quarter results	15
Brass Balls Cycles (US) Moto floor boards available through Zodiac	41
Brass Balls Cycles (US) Bagger accessories and grips available through HardDrive	55
Corbin Saddles (US) Scout pillion seat options	29
Custom Chrome Europe (DE) LePera 'KickFlip' and 'Sprocket' seats	53
Custom Dynamics (US) ProBeam options for Indian Big Twins and Scouts	36
Cult-Werk (AT) License plate holder	27
Cyron (US) 120 degree tail/signal light inserts	27
Drag Specialties (US) Klock Werks Pro Touring Flare windshields	29
Drag Specialties (US) RWD fenders and highway bar	31
Drag Specialties (US) K&N side draft black air intake system	39
Drag Specialties (US) Product additions	40
Drag Specialties (US) Legend Suspensions adjustable shocks	47
Drag Specialties (US) Kuryakyn LED options	51
Drag Specialties (US) Accutronix forward controls.....	52
HardDrive American V-twin Products (US) Exclusive product additions	28
HardDrive American V-twin Products (US) Brass Balls Bagger accessories and grips	55
Harley-Davidson Motor Company (US) To create advanced R&D facility.....	1,8
Harley-Davidson Motor Company (US) Vaughn Beals	64,8
Hugo Moto - (US) Sportster Scrambler conversions	24-25
Indian Motorcycle Company (US) 2019 model updates	16-17
K&N Engineering (US) Side draft air intake system available through Drag Specialties	39
Kellermann (DE) Micro S DF Dark	38
Kellermann (DE) BL 1000 available through Zodiac	41
Klock Werks (US) Pro Touring Flare available through Drag Specialties	29
Kuryakyn (US) LED options available through Drag Specialties	51
Kustom Tech (IT) Custom gas tank accessories	39
Le Pera Enterprises (US) 'KickFlip' and 'Sprocket' available through Custom Chrome Europe	53
Legend Suspensions (US) Adjustable shocks available through Drag Specialties	47
Los Angeles Harley-Davidson of Anaheim (US) NewsBrief: Sold to Rodin Younessi	64
Lowbrow Customs (US) Hooligan and SuperMeg exhausts.....	37
Moto Bay Classic (US) San Francisco, August 16-18 report	10
Motorcycle Arts Foundation (US) Launches website and Custom Revolution exhibition.....	22
Motus (US) To close - financial backers withdraw	6
NAMZ Custom Cycle Products (US) Badlands sequential flasher modules.....	28
Paughco (US) Rocker shafts available through W&W Cycles	34
PerTronix Performance Brands (US) Spyke quick change crimping tool	27
Piaggio (IT) NewsBrief: Electric scooter enters production	6
Platinum Air Suspension (US) 'Simple' FLH/T Air Ride package	31
Polaris Industries (US) Acquires contract manufacturer WSI.....	6
REVER (US) RLINK - cloud-connected smart device.....	22
Revolution Performance (US) M-8 124" bolt-on big bore kit	50
Rockford Fosgate (US) Speakers for Boom! Audio bag lids	52
Roland Sands Design (US) 2019 apparel collection.....	46
Russ Wernimont Designs (US) Fenders and highway bar available through Drag Specialties	31
S&S Cycle (US) Slash cut slip-on Grand National option for Softails	52
Samwel Supplies (NL) Flathead electric start kits available through W&W Cycles	34
SuperTrapp Industries (US) Kerker new system with Lowbrow Customs	37
TecMate International (BE) Solar accessories at Sturgis.....	45
Tedd Cycle (US) WL Racing Chassis Kit	50
The Gasbox (US) Pipes and muffler available through W&W Cycles	34
Tucker (US) Speed and Strength additions	56
Vanson Leathers (US) LED equipped 'Drifter'	53
Vity's Design (IT) Diamond collection boards	47
W&W Cycles (DE) New product additions.....	34
Wild 1 (US) Gauge mount for 2018 Street Bob / Breakout	36
Wild Prairie Harley-Davidson (US) NewsBrief: Sold to Dale Rhoads	6
Zodiac International (Europe) (NL) Product additions	41

JIMS® FORCEFLOW FOR MILWAUKEE-EIGHT® TOURING MODELS

- JIMS® proven Forceflow (Cylinder Head Cooler) is now available for Milwaukee-Eight® Touring Models.
- This popular kit includes a high velocity fan that forces air on the cylinder head deck & finpack when activated by a thermostat.
- The fan kit easily mounts from the horn location with its own horn inside the housing. No fabrication required.
- Function and Style, all in one.



COPYRIGHT © 2018



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



NEWS BRIEFS

Los Angeles Harley-Davidson of Anaheim in Fullerton, California, has been sold by the Jones family to Rodin Younessi, who now owns five Harley dealerships - Space Coast Harley-Davidson of Palm Bay, Florida; Treasure Coast Harley-Davidson in Stuart, Florida; Raging Bull Harley-Davidson of Durham, North Carolina; and Falcons Fury Harley-Davidson of Conyers, Georgia. The dealership will continue to operate at its existing location at 2635 West Orangethorpe Avenue in Fullerton, California.

Motorcycle registrations in European (EU) markets were +7.2% January - June (+37,962 units) at 564,841 for the January to June period. Registrations for the all-important second quarter were up by +7.91 percent (+28,314 units) to 360,314 for the April to June period, having been +4.23% for the first quarter of 2018 (+8,648 units) at 204,537. With 130,540 units (a +4.4% increase on a year-on-year basis) Italy remains the largest European motorcycle market, followed by France (98,660 motorcycles, +7.8%), Germany (97,620 motorcycles, +10.5%), Spain (72,900 motorcycles, +8.2%) and the UK (55,350 motorcycles, +3.4%).

Global demand for motorcycles is projected to expand by +4.4% per year through 2022 according to researchandmarkets.com. It says that growth in demand will be driven by rising personal incomes in developing nations, the introduction of new top-of-the-line models in mature markets, and the growing use of motorcycles for business and recreation purposes. Rapidly increasing demand for e-bikes will provide the impetus for much of the growth.

Vaughn Beals - the Engineer who Saved the American Motorcycle Business from Oblivion

Vaughn L. Beals, one of the most influential leaders in Harley-Davidson Motor Company history, passed away on Sunday, Aug. 19, in Scottsdale, Arizona, aged 90.

A Massachusetts native, Beals earned Bachelor's and Master's degrees in aeronautical engineering from MIT. He worked for several aviation companies as well as Cummins Engine before joining Harley-Davidson during the AMF ownership era as Deputy Group Executive for Motorcycle Products in 1975. Two years later, he was promoted to Corporate Vice President and Group Executive.

The 1970s were one of the most challenging times in Harley-Davidson history. In addition to internal challenges related to quality, dealer support and overall morale, competition from international competitors was intensifying as the entire industry faced a declining market. In that environment, AMF, the parent company, was looking to get out of the motorcycle business.

Vaughn worked to encourage AMF leadership to put Harley-Davidson up for sale and then spearheaded a team of investors (including 13 company executives) to buy the company from AMF for just over \$75 million in a leveraged buyout. That "buyback" was impressive when considering that the company had gross sales of approximately \$280 million along with substantial assets in Milwaukee, Tomahawk and York – at the time CitiCorp was reported to have given the deal \$81.5m backing.

After the deal was completed in June of 1981, Vaughn assumed the position of CEO and set about radically

overhauling almost every aspect of the operation – including a 40 percent reduction in head count, upgrading the company's engineering and manufacturing processes and working with Clyde Fessler to establish the Harley Owners Group (H.O.G.) in 1983.

In 1982 he was instrumental in lobbying the Reagan administration for protection from Japanese imports – efforts that resulted in a 45 percent increase in tariffs on Japanese made large displacement motorcycles of more than 700cc a year later.

Total United States imports of heavyweight motorcycles were running at around 200,000 machines a year at that time, 80 percent of which came from Japan despite their by then evolving domestic U.S. production capacities. Tariffs for machines, in what was the largest single market for motorcycles in the U.S. at the time, under 400 cc, were not targeted.

In 1973 Beals was quoted as saying that the tariffs "will give us time that we might not otherwise have had to make manufacturing improvements and bring out new products."

Due to run for five years, Beals' success in turning Harley around actually meant he was able to ask the FTC to remove the tariffs a year earlier than planned.

After fending off further financial difficulties in the mid-80s, Vaughn worked to take the company public in 1986. He took Harley public with an IPO in 1986 and a full NYSE listing in 1987.

The capital raised paid down debt, stabilized the firm's balance sheet and funded development of the rubber-mount hidden twin shock Softail frame



Vaughn Beals: Harley-Davidson CEO from 1981 through 1989 retired as chairman in 1996. "Vaughn Beals brought vision and powerful leadership to this great company" - Matt Levatich, CEO Harley-Davidson

that Bill Davis had been working on for more than a decade, the first major step forward in suspension and frame geometry since the 1957 Duo Glide and the 1340cc Evolution – Harley's largest at that stage. These were the leaps forward that laid the foundation for the explosive growth that started in the late eighties and continued to accelerate right up until 2004/5.

Beals was quite open about where he and his fellow management team got their ideas from, implementing Japanese style quality control and production discipline at a time when much of U.S. industry had been left behind by international manufacturing standards and, above all, by international business and

Continues on page 8 >>>

Sources: AMD, IDN, FT, Reuters, PSB, MPN, B&B, BDN, MCN, AP, Bloomberg

bitubo
SUSPENSIONS
SINCE 1976

WME22V2
Adjustments
• Rebound
• Hydraulic Spring preload

CUSTOM REAR SHOCKS

Plug & Play
Improved Comfort, Control, Stability and Safety

Gas pressurized (Nitrogen)
Compact hydraulic preload

WMT22V2
Adjustments
• Compression 12 clicks
• Rebound 5 or 7 clicks
• Hydraulic Spring preload

SET YOUR SHOCKS ADDING THE PRELOAD ADJUSTER KNOB

Bitubo products are available on www.bitubo.com