AMD NOW IN OUR 26th YEAR

AMD™

AMERICAN MOTORCYCLE DEALER

THE #1 BUSINESS MAGAZINE FOR THE AMERICAN V-TWIN AND CUSTOM MOTORCYCLE PARTS INDUSTRY

OCT 2017
ISSUE #219

Harley launches eight new Softails, additional CVOs and Tourers, 115th anniversary specials and drops the Dyna and V-Rod lines

Described as a "Custom Revolution", the 2018 'Gang of Eight' Softails are no longer soft, featuring a stiffer, rigid mount chassis, refined standard fit 107" M-8 with a "dual, internally counter-balanced system" that is said to reduce engine vibration (and produce less intake and mechanical noise), a transition to Dyna style single monoshock rear suspension and the Showa cartridge style SDBV (Dual Bending Valve) technology in the front suspension, as seen in the 2017 Tourers.

Described as merging "the hard riding performance of the Dyna line with the unparalleled custom look of the Softail line," Harley claims the new Softails have been "designed under the largest product development project in company history."

"The new Softail models are the result of the most extensive research and development program in the company's history," said Paul James, Manager of Product Portfolio, Harley-Davidson. "Thousands of hours of research and testing were put into the complete ground-up design of these new cruisers. We focused on taking the total rider experience to a higher level, where authenticity, heritage and soul meet the modern edge of technology for a ride that must be felt to be believed."

There's no question that a redesigned swingarm and lighter, stiffer rigid mount frame (said to be 65 percent stiffer than the 2017 Softail frame, for a 34 increase in overall chassis stiffness) with a 22 percent reduction in the number of welds and 50 percent reduction in component parts is a much needed nod to the increased power of the M-8 and contemporary riding and ownership expectations.

> "lighter, stiffer rigid mount frame"

Harley says it delivers "increased lean angles, sharper turn-in response, quicker acceleration, nimble flick-ability, lighter weight, and easier side stand lift-off," which are improvements over previous Softail (and Dyna) models.

In fact, there are two swingarms, one for narrow and one for wide rear tires. The wide chassis is 15 percent lighter (13 pounds) and the narrow chassis is 20 percent (18 pounds) lighter than the 2017 Softail frame – "the swingarm transfers rear wheel movement to the under-seat monoshock while maintaining the pure, classic lines of a hard tail frame."

The all-new front and rear suspension components are said to be calibrated to "match the dynamics of the new chassis, wheels and tires to enhance the comfort, control and performance of the 2018 Softail motorcycles. The new high-performance dual-bending valve front suspension delivers damping performance that is similar to a cartridge fork but with improved, more responsive damping characteristics. The suspension is optimized for both comfortable cruising and spirited riding with 130 mm of bump-devouring travel. Retuned and optimized rake and trail also enhance the motorcycles' handling performance.

Continues on page 6 >>>

This is 'Road Fever', former AMD World Champion Don Cronin's 'Street Performance' class winner at last year's 'AMD' at 'INTERMOT Customized', Cologne - see pages 32/33

DRAG Specialties
MADISON 2017
PAGES 19 - 31

HARLEY 2018,
PAGES 6-11

INDIAN CELEBRATES BURT MUNRO'S LEGACY AT BONNEVILLE

LEAKS SUCK.
So save yourself the guesswork with our high-quality gaskets. Available as complete kits for specific applications, or separately, our AFM and MLS style gaskets are proudly made in the USA.
twinpower-usa.com
TWIN POWER
HIGH-PERFORMANCE
GASKETS
FOR AMERICAN V-TWIN MOTORCYLES

DEALERWORLD
International Information Specialists

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 ben.bradley@dealer-world.com

PRINT BY WARNERS MIDLANDS
BOURNE, LINCOLNSHIRE, GB

ISSN 1465-7627

AMD CONTENTS

AMERICAN MOTORCYCLE DEALER

OCTOBER 2017 (#219)

Comment 4
Dude - where's my Dyna?... Robin Bradley asks why drop the one Big Twin brand name that speaks to 'New Gen' riders

Harley-Davidson MY 2018 6-11
Say hello to the new generation of 'Dyna-Softs' - Cruisers that handle? Some mistake surely?

Drag Specialties - Madison 2017 19-31
Vendors and dealers descend on Wisconsin for the market leader's annual season curtain raiser

PROGUIDE: The new, the best and the must-haves 34-59

p.34

p.34

p.37

p.40

p.42

p.42

p.43

p.45

p.48

YOU CAN NEVER HAVE TOO MUCH INFO

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.

check it out for yourself at www.amddir.com

Dyna, Dyna – wherefore art thou Dyna?

From the outset, let me state quite clearly that the new Softails do appear to be "good bikes" – not only in the context of Harley offers to date, but also in more general terms.

They raise the prospect of cruisers that could maybe match (or at worst get closer to) the kind of performance and handling that Japanese manufacturers have been offering this past 20 years or so, and for those who are 'Bar 'n Shield' loyalists and able to afford the kind of price point range being asked, they will, no doubt, mark a satisfying leap forward. A different character of cruiser and riding experience to that which the archetypal forty-something and up Big Twin buyer is accustomed to, but nonetheless one that, once they are used to it, may raise the "why weren't they always thus?" question, rather than nostalgia for Softails past.

Rumors abound that a new FXR is on the way, possibly even as early as November this year, and if that is the case, then okay, fair enough. But if it, or a broadly alternate platform to the much loved FXR of yore hasn't been launched by, say, the summer 2018/MY2019 announcement at the latest, then sad to say that the momentum will have been lost, and this this year's announcement will be left to be seen as strategically flawed.

If mono-shock rear suspension and improved chassis manners are such a great thing, then how does that translate into saying Softails good, Dyna bad?

Why kill off the one Big Twin platform that was in the vanguard of effectively speaking the 'New Gen' and the more discerning and demanding of riders, because the Softails can be improved when its characteristics are already a mono-shock and a better handling chassis? As to the "legacy" that the Softail brand theoretically represents, where is the corporate memory?

It looks very much like Harley is "clearing the decks", and it is to be hoped that is the case, and that the 2018 Softails are not the "primary" development for the foreseeable future. Their Tier-1 vendor community is intimating that there is plenty more to come, both in terms of market sector and displacement platforms, though, as to be expected, they remain tight lipped about what might make it to market and when.

The twin plans of attack – more and better newer models and more riders - make sense, and as this edition of AMD Magazine went to press in advance of AIMExpo, it is to be hoped that the keynote speeches to be given by Messrs Levatich and Wine will cast light on their plans and thinking in terms of growing the "sport". The theme for their September 21st speeches is "The Future Starts Here," and taken with the MIC's own plans to announce what it is hyping as a major initiative, let's hope there is lead to that pencil. As Tim Buche, CEO of the MIC, is quoted as saying: "The moment has arrived for everyone in this great industry to have a role in building the road to our future." Never a truer word spoken – the motorcycle market in general in the United States, and the V-twin market in particular, is in parlous condition.

The market in Europe, and the economic conditions in the 19 countries that are a part of the Euro currency zone, are much better than in the United States, but even there, in motorcycle terms, the return to growth since the "broad U-curve" of the downturn appeared to have been transitioned, has hit a bump in the road. There will have been growth in Europe by the end of 2017, but the Euro 4 effect (and other factors) has adversely affected the official versions of the new model registration statistics, and Harley's previously strong growth in Europe has stalled this year.

In the U.S.A., there is a toxic perfect storm of economics and demographics at play, and while Buche is right that all must "man the pumps" where the industry is concerned, Harley's fortunes are entirely in their own hands, but sadly toe-stubbing appears to be continuing as the order of the day.

The abject failure and massively negative reaction they garnered from the very groups they were trying to court, as a result of their ill-judged and eye-wateringly huge investment in a social media based launch campaign and its mostly unconvincing selection of "influencers" to champion the 2018 model range, has probably set them back rather than enhanced their efforts to "outreach". Especially given the inappropriate price-points of the models they were trying to pimp to an audience who likely haven't had their first bank accounts very long.

It is the price-point issue that Harley-Davidson appears reluctant or unable to address. The international motorcycle market is soon to be awash with singles, twins and even triples in the 350 to 750 cc bracket with entry level price points of around $7k. Manufacturers such as Yamaha (with its "Legacy" and "Yard Built" programs), Triumph (with its Bajaj tie-up), Norton (with its Zongshen deal), Royal Enfield and even BMW (among others) are demonstrating that highly tuneable and customizable retro and contemporary styled machines that speak to the New Gen audience are within reach for any manufacturer.

> 'Harley is Dad Dancing'

Where is it written (other than in onerous employment regulations, bureaucracy, costs and Union contracts) that Harley-Davidson cannot be at the forefront of that wave? They should be, and they need to be, if they really are to grow a next generation of "Bar 'n Shielders".

Harley must stop making a fool of itself with its "Dad Dancing" attempts to be cool. Legacy doesn't come with the swipe of a card. Harley needs to engineer its way out of its hole, not keep digging – please, someone take that shovel off their marketing people!

Provided there are enough people willing to engage with two wheels, build the bikes and they will come! If you've learned nothing about how to influence 'Millennials', there's lesson 101 right there. They will make up their own minds based on what they are offered, not on how they are offered it. They don't want to be courted by "The Man" any more than the Boomers did on leaving the movie theater after seeing Fonda and Hopper giving voice to a generation in 1969.

They are prepared to be led to the water just like any consumer group, but best of luck with trying to force them to drink – it has never worked before, so what makes anyone think it could work now? When it comes to marketing, someone at the Motor Factory needs to take a "subtlety" pill, and when it comes to engineering, someone needs to take more notice of what is going on outside of the reach of their Legacy.

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

This Ol' Skool movie poster artwork was made for a Zodiac advertising campaign in the eighties

ALWAYS GUARANTEED PERFECT FITMENT WE HAVE A WIDE PRODUCT RANGE WE ALWAYS HAVE FAST DELIVERY WE CAN PROMISE QUALITY AND EXCELLENCE PRESENTED BY NO NONSENSE WARRANTY

FOR ALL HARLEYS AND AMERICAN V-TWINS WE RECOMMEND SPECTRO OILS

NEW HARLEY-DAVIDSON MOTOR COMPANY 2018

HARLEY LAUNCHES EIGHT NEW SOFTAILS, ADDITIONAL CVOS AND TOURERS, 115TH ANNIVERSARY SPECIALS AND DROPS THE DYNA AND V-ROD LINES

While improved suspension and power certainly are a "thing" where Softails are concerned, it is yet another case of "evolution rather than revolution" where the new Harleys are concerned.
With the share price barely twitching either way in response to the unveil, it is already hoped that this has been "half an announcement" where the demise of the Dyna is concerned, and that the rumors of an FXR comeback (possibly as early as November) are true.
As an exercise in investor, employee, dealer and enthusiast reassurance that we are not seeing the "end of days" where the Bar 'n Shield is concerned, what we know of MY2018 so far is less than convincing.
As an exercise in trying to reach "New Gen" riders it singularly fails – unless Harley has discovered an entire lost world of twenty-somethings for who $20k is a sweet spot.
As a contribution to the much vaulted 50 new models in 5 years (or 100 new models in 10 years – take your pick of quotes), the MY2018 announcement represents positive house-keeping at best, leaving an awful lot of distance still to be run in the next four years in terms of the promised new platforms.
In the following pages AMD presents a canter through the 2018 models and the hyperbole surrounding them; for more analysis see Comment on page four of this, and in all probability, several more editions to come!

New standard features on all Softail models include:

- **'Daymaker' LED headlamps**
- **Improved electrical system charging (more than doubled at idle speeds)**
- **Adjustable rear shock pre-load settings (method varies by model)**
- **Steering head mounted USB charge port**
- **New instrumentation**
- **Keyless ignition and security system standard**
- **New fuel tanks**

'Dyna-Softs' headline Harley's MY2018 offer

<<< Continued from cover

"The new monoshock rear suspension preserves the classic hard tail look while revamped geometry improves ride quality, traction and control. The new, easily adjustable monoshock enables a 240-pound range of payload capacity for increased passenger comfort and enhanced dynamic handling compared to 2017 Softail models."

Depending on the model, the new Softails are up to 35 pounds lighter than the 2017s, "delivering an improved power-to-weight ratio that provides quicker acceleration, better braking and enhanced dynamic cornering capability combined with increased lean angles. Some models feature new tires specifically designed to work with the new Softail chassis and feature optimized constructions and improved compounds for a confident, long-wearing ride in all riding conditions. New seat designs and materials provide an improved fit for a wider range of riders and greater comfort for cruising."

The standard 107"/1746cc M-8 has 100 mm bore and 4.375-inch stroke with 10.0:1 compression ratio and is said to deliver 10 percent quicker 0-60 mph acceleration than the High Output Twin Cam 103 with 16 percent faster acceleration in the 60-80 mph/5th gear.

An option for the Fat Bob, Fat Boy, Breakout and Heritage Classic, the 114"/1868cc M-8 has 102 mm bore and 4.5-inch stroke with 10.5:1 compression ratio, ventilator intake with 114 graphics and badging and ABS as standard with 0-60 mph acceleration quoted as being nine percent faster than the 107 incher and 60-80 mph/5th gear acceleration 13 percent faster.

Many are already calling the styling of the 2018 Softails into question, but Harley claim they interpret their "history, authenticity and styling DNA through a modern lens" with "all-new

FAT BOY

Harley says: "The legendary Fat Boy motorcycle that defined contemporary custom style for decades has outdone itself," describing "ripped and refined satin-chrome finishes" as delivering "a bold, muscular styling statement, showing off its powerful engine and new and improved ride and handling" with an "aggressive, steamroller stance and front end design" and "modern day interpretation of the classic headlight nacelle."

- 160 mm front tire (the widest ever on a Harley-Davidson production model)
- 240 mm rear tire
- Solid 'Lakester' front and rear wheels
- 31 pound weight reduction
- ABS as standard
- 114" M-8 option

WHAT NOW?

MID-USA Motorcycle Parts
St Louis, MO

Whatever part of the world your customers ride in, Mid-USA will have everything you'll need to make the sale. If you're in the northern half, you'll need to prep your ride for storage, or you're looking to make some changes. In the southern half, you'll want to ride, and maybe add a little bling.

Storing

If you're prepping for Winter, Mid-Usa has everything you'll need. For the inside and outside, we stock fuel stabilizers, additives, solvents, cleaners, waxes and much more.

Riding

If you're just trying to enjoy the ride, and you want to keep it in top shape, we carry an extensive assortment of oils, lubes, filters, brake components, tires and more.

Everything To Keep You Up And Running Strong

Customizing

If you're planning to make some changes to your scoot, the choices from Mid-USA are virtually endless.

Matching Accessories In Brass, Black, And Chrome

Add A Classic Springer Front End

Step Up Your Pipe Game

Nothing Says Old School Like Classic Spoked Wheels

Call 1-800-527-0501 in the U.S. or 1-800-893-9261 in Canada to order a 2017 catalog or to find out how to become a Mid-USA Dealer.

www.mid-usa.com

Find us on Facebook

designs that strongly differentiate them from their predecessors and each other," stating that the "new base of style, comfort and performance [of the] next generation of factory custom cruisers are ready for riders to take them even higher with their own personalization," which sounds like a tacit admission that they know they could and should have done better.

"The authenticity of Harley-Davidson design comes by sweating the details from start to finish, 'hard to do and hard to copy.' Harley-Davidson motorcycles are not a commodity; they are handed down from generation to generation," said Brad Richards, Vice President of Styling and Design, Harley-Davidson. "We look at every nut and bolt on the bike, all the finishes, and every small detail. The new Softail frame is like a piece of art, and the more you take off the bike, the more beautiful it becomes. Its design speaks to the teamwork that our styling and engineering processes demand."

HERITAGE CLASSIC

"Design cues evoke the blacked-out styling of vintage '50s Harley-Davidson models updated with a modern edge."

- **new detachable windscreen**
- **new rigid, lockable, sealed, water-resistant saddlebags**
- **taller suspension with increased passenger and cargo capacity**
- **32-pound weight reduction**
- **ABS as standard**
- **Cruise control as standard**
- **114" M-8 option**

LOW RIDER

"Inspired by the individualism of the '70s custom chopper era that birthed the original, the new Low Rider model is lighter and faster with corner-carving handling unimaginable back in the day."

- **Throwback-style dual tank-mount speedo and tach gauges, headlight visor and fuel tank graphics**
- **19-inch front and 16-inch rear 'Radiate' cast wheels**
- **2-into-2 Shotgun exhaust**

SOFTAIL SLIM

"Stripped to its essential elements, the Softail Slim model pays homage to post-war custom bobbers with a narrow rear end, trimmed front fender, solo seat and minimal chrome."

- **Dark finishes "adorn the laced wheels, Hollywood handlebar, and all-new front-end design"**
- **Low-slung tuck and roll seat**
- **"Bold and smooth new front nacelle and fork cover styling"**
- **35-pound weight reduction**

DELUXE

"A classic hi-line showstopper that stands out on any boulevard, the Deluxe glistens with bright chrome while delivering the ride of a seriously modern machine."

- **"Signature all-LED lighting from front to back: headlight, running lights, Tombstone taillight and blade-like turn signals"**
- **"Signature pull-back handlebar"**
- **33-pound weight reduction**
- **ABS as standard**

BREAKOUT

"With more lean angle and agility than ever imagined in a bike carrying so much dragster attitude and style, the all-new Breakout model takes long, lean muscle to a modern edge."

- **New smooth-top 3.5-gallon fuel tank**
- **Low-slung raked out 49 mm front forks**
- **18-inch rear (240 mm tire) and 21-inch front (130 mm tire) "Gasser-style" gloss-black powder- coated cast aluminum wheels**
- **Low profile, riser-mounted digital instrument screen**
- **35-pound weight reduction**
- **ABS as standard**
- **114" M-8 option**

FAT BOB

"Asphalt-eating traction, pothole-devouring suspension, agile cornering, and a blacked-out take-no-prisoners look make the Fat Bob model a ground-breaking motorcycle that could only come from Harley-Davidson."

- **2-1-2 upswept performance exhausts with a custom finish**
- **Largest "aggressively treaded tires from the Motor Company" - 150 mm front and 180 mm rear**
- **Dual disc front brakes**
- **3.6-gallon fuel tank**
- **33-pound weight reduction**
- **Inverted 43 mm cartridge style front forks**
- **114" M-8 option**

STREET BOB

"A bare-bones bike with go-anywhere DNA, the all-new Street Bob motorcycle has a fists-in-the-wind attitude with nothing extra to weigh it down."

- **Smooth-top 3.5-gallon fuel tank**
- **Black spoke wheels with chopped fenders**
- **Low-profile, riser-mounted digital instrument screen**
- **17-pound weight reduction**
- **Lowest MSRP in Softail line-up**

Five new Tourers

The 2018 Harley-Davidson Touring line-up "introduces the most robust array of custom Touring bikes the company has ever produced, boasting show-stopping style and plush comfort ready to attack rough city streets or winding country roads.

"Three new completely restyled Touring models enter the limited edition Custom Vehicle Operations (CVO) family with the largest-ever stock engine from Harley-Davidson, while new Street Glide Special and Road Glide Special models get sinister, blacked-out styling," says the Motor Company's press release.

"Our new Touring motorcycles will be some of our most sought-after bikes in 2018," said Harley-Davidson Vice President of Product Planning and Portfolio Management, Dave Foley. "For CVO, we've rebooted the styling tone of the overall line-up and added some exclusive performance enhancements. And our two new custom baggers are the most aggressive, on-trend Touring bikes in the market. I can't wait for riders to throw a leg over and experience the new rides for themselves."

The three new top-end Harley models for 2018 are the CVO Limited, the CVO Street Glide and the CVO Road Glide – "each offering its owners a fully customized, limited edition motorcycle straight from the factory with a two-year unlimited warranty."

All three have upgraded Screamin' Eagle 117" M-8s rated at up to 125 ft. lbs. of torque – the largest stock engine displacement ever offered by the Motor Company.

Also new for all three CVO models is an advanced integrated communication technology that features a wireless headset interface module. Customers can use the included Bluetooth headset to communicate with the motorcycle Infotainment system, their passenger and other riders. CVO models are limited in number and this year "feature some of the most distinctively crafted paint offerings the company has ever designed and produced."

"The level of fit, finish and performance of CVO has never been higher," added Foley. "CVO owners will appreciate the intricate details like the new color trim on the rocker box lowers that marks the CVO engine's exclusivity. It features a deep orange finish specially developed for placement on the engine that is unique in the motorcycle industry."

"The new direction our styling department took with the design formula on the bikes is truly seismic," added Harley-Davidson Vice President of Styling and Design, Brad Richards. "Take a look at the level of finish on any of the nine CVO paint sets, but especially the Fade on the CVO Limited, the depth of the paint layers and how it glows in the sunlight is just stunning."

CVO STREET GLIDE

"Custom touring loaded up with Harley-Davidson's most powerful engine and sound system ever offered straight from the factory."

- **Twin-Cooled 117" (1923cc) M-8**
- **Showa Dual Bending Valve front suspension**
- **'Talon' wheels and rotors**
- **6.5 BOOM! Box Infotainment System with Stage II speakers (900 watt, three 4-channel amplifiers, six bi-amped speakers in the fairing, fairing lower and saddlebag lids**

CVO ROAD GLIDE

"Sinister bagger with swagger that epitomizes CVO's new look and performance"

- **Twin-cooled 117" (1923cc) M-8**
- **Showa Dual Bending Valve front suspension**
- **Aggressive shark-nose fairing**
- **Factory-installed new 21-inch 'Knockout' front wheel**
- **600-watt BOOM! Box 6.5GT Infotainment System**
- **Stage II speakers in saddlebag lids and fairing**

CVO LIMITED

"A premium touring machine loaded with best-in-class power, infotainment, show-winning paint and premium rider and passenger comfort."

- Twin-cooled 117" (1923cc) M-8
- Showa Dual Bending Valve front suspension
- Emulsion rear suspension with hand-adjustable pre-load
- The two-up suspended and heated seat with custom cover, insert and stitching
- Matching adjustable rider and passenger backrests.
- Power-locking key fob
- 'Reflex' linked Brembo brakes with ABS
- Smart Security System

STREET GLIDE SPECIAL AND ROAD GLIDE SPECIAL

- All-black 107" (1746cc) M-8
- New 19-inch (483 mm) front and 18-inch (457 mm) rear 'Talon' wheels
- Hand-adjustable emulsion-technology rear shock absorbers (said to offer 15 percent more pre-load adjustment than previous low-profile touring shocks)
- Showa Dual-Bending Valve front suspension technology "that delivers the damping performance of a racing-style cartridge fork with linear damping characteristics and reduced weight."
- 'Reflex' linked Brembo brakes with ABS - Smart Security System
- New, slimmer primary drive cover and low-profile air cleaner cover
- Assist and slip clutch with improved hydraulic actuation and 7 percent less clutch lever effort
- BOOM! Box 6.5GT touchscreen Infotainment System

Street Glide Special

"Harley-Davidson takes the wildly popular Street Glide Special and Road Glide Special models in a new design direction for 2018, swapping chrome for black. The two new hot rod baggers take the base level models and elevate them with an on-trend custom styling statement that is sinister in design and dark in its finishes."

Road Glide Special

PINGEL®

MADE IN THE U.S.A.

Since 1967

STREET & DRAG PERFORMANCE PRODUCTS

Pingel Enterprise is a proud Sponsor of Top Fuel Drag Racer

Larry "Spiderman" McBride

5.7 sec. at 248 MPH

Quality Handcrafted Products • Made in Wisconsin • www.pingelonline.com • 608-339-7999

ELECTRIC SHIFTING FOR EVERYDAY STREET RIDING

MOST BANG FOR YOUR BUCK SPEED PERFORMANCE PRODUCT THAT MONEY CAN BUY

- Add another dimension to your riding for **Speed and Fun**
- Instead of adding expensive exhausts, air cleaners, cams and high compression pistons etc, your first modification to your motorcycle should be a Pingel electric shifter and you will be amazed at the performance of your stock or already modified motorcycle
- Wide open or partial throttle **clutchless** shifting
- Shift at 40 milliseconds - you can't shift manually this quick - guaranteed!!
- Feel the acceleration! Keep your feet on the highway pegs and shifting is as easy as a push of the button
- Bolt on kits for Harley-Davidson, Victory, Indian, Honda, Kawasaki, Suzuki and Universal kits for all others

See More info & Action Video at pingelonline.com

H-D BAGGER PRODUCTS

Rear Lowering Brackets

Driver Floorboard Spreaders

Passenger Floorboard Spreaders

Heel Shift Eliminator

Antenna Low Mount

Billet Grip & Throttle

Kickstands for 1" & 2" Lowered

H-D ACCESSORIES

Shift Peg Extender

Greaseable Shifter Shaft

Fuel Injection to Carburetor

Kickstand Extension

FUEL VALVES

Pass More Gas®

Guzzler

Chrome

Brass

Black Chrome

WHEEL CHOCKS

Cycle Jaws

Removable

E-Track

Indian celebrates Burt Munro's legacy at Bonneville

Indian Motorcycle hit the salt at the 69th annual Bonneville Speed "by paying tribute to its iconic heritage and the 50th anniversary of Burt Munro's historic land speed record in grand fashion."

The tribute was highlighted by commemorative land speed runs by Munro's great nephew Lee Munro on a modified 2017 Indian Scout - appropriately named "Spirit of Munro" – finishing off the weekend with a moonlit screening of "The World's Fastest Indian" under the desert sky for Speed Week campers.

Indian Motorcycle teamed up with Kiwi road racer Lee Munro, Burt Munro's great nephew, to celebrate the 50th anniversary of Munro's famous exploits and record setting runs, and to recreate the historic run during the 69th annual Speed Week with Lee's "Spirit of Munro", a modified and partially streamlined 2017 Scout.

The team's goal was to match Burt's land speed record of 184 mph. To qualify for Bonneville, Lee achieved his speed licenses through runs at El Mirage Dry Lakebed in California, while even securing a land speed record of 186.681 mph in the MPS-G (Modified Partial Streamliner) 1350cc class during his rookie run and surpassing the team's original goal.

Entering Bonneville, the team's new goal was to eclipse the 200 mph mark. However, Lee's runs proved to be a battle against the elements. Lee attempted his first two runs on the five-mile short course, resulting in his top performance of the weekend at 191.28 mph and an unofficial run due to timer technical error.

The following day, Lee and team made gearing changes and took the modified 2017 Indian Scout out on Bonneville's nine-mile long course.

Unfortunately, high winds and rough overall conditions hindered the motorcycle, resulting in 186.415 mph in his lone run of the day. On Monday, the team took another attempt on a newly routed long course, yet rough surface conditions forced Munro to exit his run before completing the timed section.

"It was my greatest honor to represent Indian Motorcycle in such an incredible tribute to my great uncle on this historic 50th anniversary," said Lee Munro. "We may not have had the results we were after, but piloting a modified Indian Scout on the same salt as my Great Uncle Burt will forever be one of my most cherished experiences. I'm looking forward to future runs and more success with my teammates and friends at Indian Motorcycle."

Biker's Choice adds big TBR choice

Tucker Rocky/Biker's Choice has been appointed the exclusive domestic USA distributor of the Californian designed and made Two Brothers Racing exhaust line for Harley-Davidson models.

Two Brothers Racing has been in the performance exhaust manufacturing business for over 30 years, with fitments for most popular makes and models of sportbikes to V-twin cruisers with fitments for V-twins such as their dyno-tuned 2-into-1 Comp-S exhaust with swept-up muffler for enhanced ground clearance.

An AMD 'Hot 100' winning product when they were first released in 2014, they feature race-inspired, stainless steel headers that "shave pounds off the competition to ensure a long lasting, weather resistant, amazing sounding exhaust."

Additional TBR V-twin designs include their race bred, classically styled 2-into-1 Gen-II exhaust featuring a 100% stainless steel classic reverse megaphone, welded end caps and a Two Brothers exclusive spiral wound stainless steel perforated inner core for a new look and Old School sound.

TBR's Dual Shorty slip-ons, which are about 10 lbs. lighter than stock and feature a "unique, exciting design for Dyna and Sportster models with an aggressive sound and hand TIG-welding, this slip-on is a quick and easy stock head pipe install that replaces the OEM muffler."

www.bikerschoice.com
www.twobros.com

EagleRider Rentals - 25 years young

Los Angeles, California based motorcycle rentals specialist EagleRider is celebrating its 25th anniversary this year. Started by founders Chris McIntyre and Jeff Brown in a suburban garage with four bikes, the idea came from meeting some foreign tourists while on a ride up the Californian coast to Big Sur.

Those tourists wished they were able to do such a ride without having to airfreight their bikes and BOOM – the proverbial lightbulb went on!

Fast forward 25 years, EagleRider now employs over 100 people, rents all kinds of motorcycles at over 100 locations worldwide (the world's largest motorcycle rentals business) and, among other claims to fame, is Harley-Davidson's #1 new motorcycle customer - this year EagleRider became the exclusive U.S. provider of rentals and tours for Harley-Davidson.

"We are so proud to be celebrating our Silver Anniversary at EagleRider," says CEO Chris McIntyre. "It has been an incredible 25 years. It took a lot of hard work and passion to reach this point. We look forward to the future as we expand and gain more riders who will enjoy incredible motorcycle travel experiences with us."

In celebration of this milestone year, EagleRider is planning multiple activities to toast its existing fans and encourage new audiences to get on a bike. Their vast network of locations allows the company to offer a variety of motorcycle travel options and a Club EagleRider membership program – the first of its kind in the motorcycle industry.

Their customers have the option to select from a fleet of thousands of bikes that include Harley-Davidson, Indian Motorcycle, Honda, Triumph and BMW motorcycles and Polaris Slingshot open cockpit roadsters, also offering guided self-drive or custom tours and exclusive apparel lines.

www.eaglerider.com

TAB buys Resurrection

Performance exhaust manufacturer TAB Performance is to broaden its product offer into the accessories market with the acquisition of accessories business Resurrection Chopper Gear.

Justin Pflanz (TAB Performance co-owner along with Casey Pflanz) said: "As we continue to develop great new products, the natural transition was into accessories outside of performance based products. This led our company to team up with Resurrection Chopper Gear in order to expedite our ability to bring new and excitingly unique products to our potential customers.

"These two companies were a natural fit for one another due to similar core values and customer centric business models."

Resurrection Chopper Gear offers a line of easy to install, artfully crafted sissy bars made for solo or two-up riding on most models. Their innovative design is said to "eliminate retrofitting, downtime in the shop and the costs associated with it.

www.tabperformance.com

Justin Pflanz: "As we continue to develop great new products, the natural transition was into accessories outside of performance based products"

HardDrive
AMERICAN V-TWIN PRODUCTS

ACCELERATION DOMINATION!

Chris Rivas

Chris Rivas Signature Series Rocket camshafts, for late model Harley-Davidson® big twins, feature the Easy Start centrifugal compression release system licensed by S&S® Cycle for easy starting even with large displacement and higher compression ratios.

ROCKET CAMS
Patented S & S Easy Start Centrifugal Compression Release System

DISTRIBUTED BY HardDrive AMERICAN V-TWIN PRODUCTS
IN ASSOCIATION WITH WPS

Visit HDTWIN.COM to Find Your Local HardDrive Dealer.

Indian opens Experience Center

Indian Motorcycle has opened a new Experience Center for visitors at its Spirit Lake, Iowa factory. The new facility will offer current and historic Indian Motorcycle displays and host free of charge tours of its high-tech factory.

Visitors will be able to observe the assembly process from start to finish with robotic machinery and witness new Indian motorcycles come right off the line.

"As America's first motorcycle company, we have a rich history and a loyal following of motorcyclists," said Steve Menneto, President, Indian Motorcycle. "Right in America's heartland, the Experience Center not only serves as a unique destination for motorcyclists to engage with the brand, but also showcases our outstanding people who build premium motorcycles."

The Experience Center will be open for complimentary tours on Mondays and Fridays from August 21 through November 3, 2017. Tours will reopen in 2018 and will be conducted through appointments only, which can be made by calling Indian Motorcycle Spirit Lake at 712-336-6955.

Motonation, Malaysia, to host an AMD World Championship Affiliate Custom Bike Show

The latest show to join the line-up of AMD World Championship of Custom Bike Building affiliates is Motonation, being staged at the PICC (Putrajaya International Convention Centre) in Malaysia, December 1 – 3, 2017.

One of the biggest events in South East Asia, Motonation is an automotive and lifestyle celebration, and this year features an AMD World Championship affiliate custom bike show for the first time, with the winner receiving travel and bike freight expenses to compete at the 2018 AMD World Championship at 'INTERMOT Customized', Cologne, Germany, in October.

The show is open to competitors from throughout the region, and AMD will be there to supervise the judging.

www.motonation.com.my

Baum Fest, Barcelona, Spain - September 29 to October 1

Baum Festival is an established Art and Urban lifestyle festival being staged at the Fira de Barcelona (Montjuic) that includes everything from skateboards, BMX and cars, to the 20th International Tattoo Exhibition and a custom bike show with prizes sponsored by Motorcycle Storehouse.

The winner will receive expenses to go and compete at the 'Verona Show' (Motor Bike Expo) in Italy in January 2018.

Zodiac International is sponsoring tech sessions on engine tuning, Electronic Fuel Injection and re-mapping ECUs, with a two-team Build-Off and Mechanics High School feature in addition to some 50 plus custom bikes of all platforms expected to be in competition.

www.baumfest.com

BAUM FESTIVAL BARCELONA ART & URBAN MOVEMENT

All your needs for your builds !

MAG CONNECTION

The easiest and safest way to deal accross the atlantic !

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

CC - 09/2017 - +33 (0)4 73 94 84 02 - Bike : One & Only ... courtesy of VTM Auch France ... Pics by Eric Conlay

NEW
DRAG SPECIALTIES 3.5" & 4" MUFFLERS
AVAILABLE IN CHROME OR BLACK
FOR 95-17 FL MODELS
SUG. RETAIL $289.95 - $334.95
BECAUSE WE UNDERSTAND
VALUE
DRAG Specialties
DELIVERING QUALITY V-TWIN PARTS SINCE 1968
DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES
dragspecialties.com | #SINCE1968

DRAG Specialties

Words by Robin Bradley
robin@dealer-world.com

Pics by Sara Viney
sara@dealer-world.com

Madison, Wisconsin – August NVP Dealer Expo

The weekend of August 26/27 saw many of the industry's vendors who sell through Drag Specialties at their annual Madison NVP Dealer Expo. AMD Magazine presents a round-up of vendor news with the focus on products and brands available through the Drag Specialties sales team …

Andrews Products: The hot news this year from the Mount Prospect, Illinois based manufacturer is of four new cam grinds for the M-8 Tourers - offering stock replacement and high-performance upgrades for improved horsepower and torque right in the sweet-spot of the rpm range where riders need it. As featured in AMD Magazine recently, Drag Specialties are also stocking Andrews cams for '37-'48 U, UL and ULH Big Twins. Similar to the original stock cams, the lobes have been redesigned using modern computer cam design and smoothing techniques; **www.andrewsproducts.com**

Custom Cycle Engineering: One of the founders of the V-twin aftermarket, the Oceanside, California based manufacturer brings pedigree and heritage to its ranges of triple trees, fork trusses, swingarm kits, motor mounts, dresser steering dampers and fork tubes – including titanium nitride treated DOM 1026 steel that has been centerless ground to create an outside diameter that matches OEM specifications. CCE has coverage for every Harley-Davidson fork tube model all the way back to 1949, with a large inventory of sizes from 4 under stock FL to 20 over stock FL; **www.customcycleengineering.com**

S&S Cycle: Leveraging their technical support and involvement with the runaway success of Indian's FTR750 American Flat Track Twins race series this season, S&S' 'Grand National' branded 4" diameter slip-ons for H-D touring applications feature a high-flow baffle, removable dB reducer and aluminum end cap, available in chrome or ceramic black finish with fitment for 1995 through 2017 Baggers (including M-8 and Tri Glide trikes). 50-state legal on most touring models, S&S is one of the few exhaust manufacturers in the market to include a secondary stainless steel baffle (db reducer), allowing riders to tune for sound and performance. In additional news, their new 50-state legal 'El Dorado' performance exhaust system features their MK 45 muffler/header package for '09-'16 Harley touring models that ships complete with optimized and matched Power Tune headers and a set of 4.5" MK45 mufflers fitted with the latest S&S designed, proprietary high-flow cat technology; **www.sscycle.com**

Custom Dynamics: Available exclusively through Drag Specialties, the Youngsville, North Carolina based designer and manufacturer offers state-of-the-art high performance, durable and highly creative lighting solutions and accessories that make any Harley stand out from the crowd. Check out their 'TruBEAM' halo headlamps and passing lights, and a range of options for batwing style fairings; **www.customdynamics.com**

Motion Pro: Founded in 1984 by 6-day ISDT gold medal winner Chris Carter, his Loomis, California based specialty tools and accessory enterprise marked the re-boot of the AFT Twins Presented by Vance & Hines series this year by being the official cable, tool and control vendor and brand for the series. Under the guidance of V-Twin Product Planner Joe Fratis, the company continues to grow its specialty V-Twin program of tools, cables, throttles and accessories; **www.motionpro.com**

Misfit Industries: Out of Addison, Texas, and founded in 2007, the Misfit mission is to "do things in a blatantly different way - our philosophy is not to simply break the mold, but to completely reshape it." Misfits' handcrafted and precision-engineered line includes 'Nasty Bastard' 2-into-1 exhausts, raked neck kits, deep drawn 14-gauge steel fenders, handlebars and a host of tuning parts and custom accessories for Tourers, Softails, Dyna and Street models, with many more new products available soon; **www.misfitmademotorcycles.com**

Khrome Werks: The latest news from the Lincoln Industries owned Pine Island, Minnesota based manufacturer is that its 2017 4.5" HP-Plus slip-on mufflers and patent-pending 2017 2-into-1 torque booster conversion kit are now certified 50-state emissions compliant and are therefore "qualified manufacturer declared emissions replacement parts" when used on 2017 Harley-Davidson Touring models. Made from 16-gauge carbon steel and "engineered for performance, style and sound," they are dyno tested to show a +8% increase in torque and a +13% increase in power, compared to stock when used with a high-flow air filter. Additionally, their 4.5" patent-pending 2-into-1 torque booster conversion kit means dealers can give their customers the performance of a 2-into-1 system without the cost or installation of a full system. The kit converts the existing 2017 stock header "into a torque and power producing 2-into-1 system providing performance increases of up to 12%; **www.khromewerks.com**

Barnett Clutches & Cables: The latest news from the Ventura, California based manufacturer includes a direct-fit upgrade clutch kit for 2017 FLs with Barnett's segmented Kevlar friction plates (designed for more oil flow, longer life and smoother clutch operation) and an extra-plate clutch kit for the 2014-'17 Chief/Roadmaster that includes 8 Kevlar friction plates, 7 tempered steel plates and a set of 5 heavy-duty springs. This year saw Mike Taylor, the 2016 'Industry Leader of the Year' award winner at V-Twin Expo, and his wife Colleen Barnett, whose father founded the company in 1948, inducted into the Sturgis Museum Hall of Fame in recognition of their contribution to the industry; **www.barnettcables.com**

Alloy Art: Quality OEM replacement and aftermarket parts, made in-house at its Glendora, California facility with CNC-machined 6061 aircraft-grade aluminum and injection molded polyurethane. Latest designs include a 50-state legal polyurethane cush-drive replacement for '09-'16 FLT, FLHT, FLTR, FLHR, FLHX and '15-'16 XG500/750; **www.alloyart.com**

James Gaskets: After a year-long analysis of the operational characteristics of Harley's 2017 Tourer engine, the market leading Dayton, Nevada based V-Twin gaskets and seals specialist is set to launch an all-new M-8 program for the 2018 season; **www.jamesgaskets.com**

TechnoReseach: The Royal Oak, Michigan based tuning specialist has added over 25 new features to its arsenal for its 'Centurion' branded diagnostic tool. For the 2018 license additions include new tire pressure monitoring system features, carburetor tuning, ECU cloning features for blank ECU replacements and oil/chassis fan enable and disable. It has also released a new product, Centurion-Audio HD, which is the only tool on the market geared specifically for audio purposes; **www.technoresearch.com**

Battistini Custom Cycle: Orange, California based designer Rikki Battistini's 'Leading Axle' fork legs take their inspiration from 1970s motocross. They feature an axle that is offset over 1 1/2" forward and around 1/2" lower, "to give a perfect trail when fitting a 23" front wheel to any touring bike." Described as a "true bolt-on part," 'Leading Axle' fork legs simply replace the stock lower legs without the need to remove the fairing, trees or change the frame geometry – "the 'Leading Axle' fork leg has the corrected trail built right into the leg." Utilizing the stock brakes, fender and all fork internals, Rikki says they can be replaced in under two hours; **www.battistinisusa.com**

SYNCHRONIZED BUTTERFLY VALVES - BEAUTIFUL POWER

THE MOST ACCURATE & RELIABLE SYNCHRONIZING TOOLS IN THE INDUSTRY!

CarbMATE

2 CYLINDER

ZERO adjust

RESOLUTION adjust down to 0.5cmHg

12V powered

VacuumMATE allweather

4 CYLINDER

Selectable scales 20 / 40 / 55cmHg

RPM gauge

DYN diagnostic mode finds valve seating issues

Rechargeable niMH battery

tecMATE PRO DEALER tecmate.com

Ciro: There aren't many businesses in the V-Twin market experiencing the kind of growth that Hudson, Wisconsin based Ciro is seeing. From 'Fang' branded LED lighting through to performance, comfort and styling accessories, the company was founded three years ago by Aero Rudd, the son of industry legend and one of the original founders of Drag Specialties, Tom Rudd. Aero says that "Ciro strives to manufacture the highest quality parts possible and stands behind everything we do. We are always pushing the envelope to find or create the latest technology and manufacturing processes. We are immersed in a culture of creative energy that manifests itself in the highest quality components in the industry"; **www.ciro3d.com**

Rick's Motorsport Electrics: The Hampstead, New Hampshire based specialist manufacturer has come a long way in the past 35 plus years. Internationally recognized as a manufacturer and distributor of quality electrical motorsport parts and components, Drag Specialties offer their dealers access to new (not exchange or reconditioned) cost-effective direct replacement high performance Rick's rectifiers/regulators that are built to exceed OEM specifications. Part of their market-leading 'Hot Shot' series, they feature MOSFET (metal oxide semiconductor field effect transistor) technology, so they run cooler than OE, which equates to a longer lasting, more durable design. Rick's is also offering a new line of H-D regulators that are made in the USA to OEM specs; **www.ricksmotorsportelectrics.com**

Trask Performance: Products currently available through Drag Specialties include Trask's 'Assault' series parts and accessories, such as bar risers, air cleaners, 2-into-1 exhausts, plus FL chain conversion kits, a Hi-Flow fuel rail and harness, fuel regulator housings, slip-ons for Scout and Victory, Twin Cam billet clutch baskets and 'V-Line' designs such as brake levers, bag latches, brake pedal pads, chin spoilers, and passenger and rider floorboards for Harley and Indian applications; **www.traskperformance.com**

Brouhard Designs: : New design series from the Grass Valley, California based manufacturer include 'Bomber' and 'Spiro' floorboards, foot control and covers programs; **www.baggers.com**

Belt Drives Limited (BDL): Recent news from the Anaheim, California based manufacturer includes its new CC-140-BB Competitor clutch conversion for Sportsters. The 140 version of its "industry standard setting" Competitor clutch series was developed exclusively for stock '91 and later Sportster clutch baskets. BDL's patented ball bearing lock-up clutch is said to significantly lighten pull at the lever while providing smooth, slip-free lock-up. Each unit incorporates a designated number of steel ball bearings set in a model-specific diaphragm assembly. Conversion is a straightforward install, replacing the factory pressure plate, springs and hub; **www.beltdrives.com**

Ken's Factory: Now available through Drag Specialties, Kenji Nagai's award-winning product line of 'Neo Fusion' designs includes custom floorboards, risers, triple trees, one-piece clamps, grips and pegs, intakes, exhausts, covers, bagger products and lighting; **www.kensfactoryusa.com**

100 HP

new FOR 2017

- Cam for 2017 HD® Models with Milwaukee-Eight® Engine
- Bolt-In
- Over 100 hp
- Includes Installation kit *(bearings & gaskets)*
- Chain or Gear Drive available

Gear Drive Cam:

- No tensioner shoe to wear out
- Eliminates chain lash for more accurate cam timing
- Includes pinion and cam gears as well as tensioner block off plate

FASTER SINCE 1958

sscycle.com • Made in the USA

BOOTH# AIMExpo Nationwide 2260

PROVEN S&S® PERFORMANCE

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE.
Not legal for sale or use on any EPA pollution controlled motor vehicle.

Biltwell: The big news this year from the Temecula, California based company has been of its 'Lane Splitter' helmet. Crafted around a proprietary ABS outer shell and featuring a shock-absorbing EPS liner with handstitched interior padding, cheek pads and Bio Foam chin bar cushion, generous vents in the chin bar "get the air flowing, and the outlet at the back lets hot air escape. The 'Lane Splitter' shield boasts extremely accurate optics and glove-friendly, simple hinge mechanics for high style and easy removal for replacement or cleaning"; **www.biltwellinc.com**

TecMate: Manufacturer of the market-leading OptiMate brand of battery chargers, maintenance and diagnostic products, TecMate is at the forefront of the effort to educate the market about the advantages, but also very specific maintenance needs of the new generation of Lithium Ion batteries that are set to dominate the motorcycle industry in the years to come. The OptiMate Lithium 4s 0.8A (TM29x series) is the OEM recommended battery saving charger and tester and the OptiMate Lithium 4-bank x 0.8A (models TM484/485) is ideal for preparing new lithium batteries before fitment. New shipping laws being introduced will require that lithium batteries are shipped at no more than 30% charge, so the batteries should be recharged before fitment. All OptiMate Lithium chargers can reset the BMS in an advanced Lithium battery; **www.optimate1.com**

Kibblewhite Precision Machining: The Pacifica, California, specialist - where the science of replacement and performance valvetrain design and manufacturing really has been turned into an art form. From its acclaimed Black Diamond, Tensilite and White Diamond valve programs, to retainers, springs, guides, seals, seats, tappets and shims, the "KPMI System" is materials and design matched engineering that produces a program of compatible components that work together in glorious harmony – a not inconsequential consideration where any engine is concerned, but not least in the V-twin layout; **www.kpmi.us**

Nash Motorcycle Co: Founded in 2002, Taber Nash's Los Angeles, California, based custom Chopper, Bobber and Hot Rod bike builder specializes in "mixing the old with the new." Taber Nash says that "we are equally dedicated to manufacturing our unique and popular line of custom parts, coming up with new and innovative parts, as well as the ground up builds we have always excelled at." That product line includes handlebars, retro styled bags, 'Sticky' Throttle analog cruise control, straight 'Lewis' exhausts, cast 174 stainless steel 'Swift Kick' arms, 'Creepster' fill caps, forward controls and 'Gimpneck', 'Sancho' and 'Dropper' frames; **www.nashmotorcycle.com**

Cometic Gasket: The latest news from the Concord, Ohio based gasket manufacturer is of its complete line of gaskets and seals for the Milwaukee-8, including big bore kits all the way to 4.500", cam change kits and any gasket or seal necessary to finish off a Hot Rod project. See the related article on page 45 in this edition of AMD Magazine for big bore details; **www.cometic.com**

Terry Components: The Spearfish, South Dakota electricals specialist offers starters from 1.4kw for engines up to 100ci, 1.5kw for '07-'09 models, 1.8kw for 100 to 124ci engines and monster 2.0kw units for 124-145" engines; **www.terrycomp.com**

sbs-friction.dk

AMERICAN V-TWIN

BRAKE PADS FOR ALL YOUR RIDING STYLES

MADE IN DENMARK

MORE THAN 50 YEARS IN BRAKING

RECOMMENDED FOR NEWER H-D, INDIAN & VICTORY MODELS

FIND YOUR NATIONAL DISTRIBUTOR AT SBS-FRICTION.DK

CLASSIC & CUSTOM

Street Ceramic
H.HF

CUSTOM UPGRADE

Street Carbon Tech
H.CT

TOURING & SPORT

Streetexcel Sintered
H.HS / H.LS

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

sbs® the power to stop you

BOOTH# AIMExpo Nationwide 3105

JIMS: This summer saw owner and founder Jim Thiessen elected into the Sturgis Hall of Fame in recognition of his 50 years as a machinist and go-fast guy who has "generated trust with the riders, record breakers, racers and certified Harley mechanics around the world who use JIMS products on a daily basis." Today JIMS is one of the industry's leading producers of performance parts, accessories, tools, transmissions and high-performance engines – "all aimed at enhancing the Harley rider's experience"; **www.jimsusa.com**

Tolemar Group: After more than 15 years at Vance & Hines, Huntington Beach, California based Tolemar Group has hired John Potts as their new Vice President of Sales and Marketing. He will oversee the development of all three of the group's motorcycle parts and accessory brands – LA Choppers V-twin accessories, Trinity Racing ATV exhausts and clutch kits, and Baron metric cruiser accessories; **www.lachoppers.com**

Ride Wright Wheels: At the heart of the Anaheim, California based manufacturer's award-winning spoke wheel design (check out the recently introduced Fat 30-Round-2s) is a modular system that allows dealers to minimalize their stocking overhead while maximizing the range of options that can quickly provide for their customers. Ride Wright's broad array of "Modular Hub Ends" (MHE) "allow boundless options for bike make/models, rotor/brake configurations, spoke count, gauge and colors. Modular end caps help with wheel resale too - just swap out the caps for the next bike"; **www.ridewrightwheels.com**

Feuling Parts: The Oceanside, California performance specialist has added dyno proven and track tested M-8 grinds to its popular 'Reaper' brand cams program. Said to produce more power and torque in the riding rpm range, which improves the throttle response, acceleration and fuel mileage, Reaper's smooth camshaft lobe ramps are said to be easier on valvetrain components and eliminate excessive valvetrain noise and wear. Two options are available – both are direct bolt-in replacements for the stock M-8 cams and can be used with stock valve springs, pushrods, lifters and exhaust; **www.feulingparts.com**

Spyke/Compu-Fire: Owned and operated by San Dimas, California based Pertronix, recent updated Spyke and Compu-Fire designs include Stealth, Super Torque and High-Torque starters, advanced ignition system kits, and mechanical and electronic advanced ignitions; **www.pertronix.com**

Paughco: Recent new products from the legendary Carson City, Nevada based manufacturer include billet 6-degree CNC-machined 6061-T6 billet aluminum triple trees, designed to minimize the handling and front-end flop problems associated with altered front-end geometry. Developed to accommodate a number of its most popular chopper frames with 45° neck rake, used in conjunction with "raked" frames and appropriate length extended front ends, the 6-degree offset provides near stock "trail" dimensions, which in turn virtually eliminates radical front-end flop; **www.paughco.com**

Shown with factory cover.

BIG SUCKER™ STAGE I FOR MILWAUKEE-EIGHT™

The release of the Milwaukee-Eight™ engine resulted in the evolution of the original Big Sucker™. The all-new Stage I design combines all the features that made the original air cleaner the market leader. The addition of new performance enhancing features has resulted in the best Big Sucker™ yet. Check out the new Big Sucker™ and the rest of our industry leading air cleaners at **www.arlenness.com**.

instagram.com/arlennessmotorcycles www.facebook.com/ArlenNess

ARB E.O. D-639-5

ARLEN NESS
WWW.ARLENNESS.COM

KB Pistons/UEM: The result of a collaboration with Line2Line coatings, UEM's new KB 'Super Duty' piston series for Twin Cams feature an abradable coating applied to the thickness of the piston to wall clearance for a zero-install clearance. By reducing the clearance, engine efficiency is improved, lowering friction, maintaining an even oil film and protecting against scuffs and excess wear. KB offers pistons in hypereutectic 390 alloy and forged 4032 low expansion alloy for high-performance, high-compression Knuckle, Shovelhead, Evo, Twin Cam, Sportster Harleys and selected Indian applications in a variety of different engine sizes and compression ratios; **www.uempistons.com**

Wild1/Chubby's: Recent new products from the Huntington Beach, California based specialist include new Wild1 brand, 12" tall, thick, straight billet aluminum risers with 1" clamping section. Machined out of the highest quality 6061-T6 aircraft aluminum, these risers are available in a show chrome, military grade anodized black or raw finish for Dyna, Sportster and Softail. Also new, OutlawZ narrow apehangers with "Chubby style" are said to "combine bad ass style with maximum comfort as they are 33.5" wide with a 9.5" center and a perfect 22° wrist angle"; **www.wild1inc.com**

SBS: The Danish manufacturer offers two sintered pad formulations, a carbon-based compound and H-rated ceramic pads for Harley applications. Its ceramics feature NRS mechanical bonding technology. Based on a matrix of hooks raised on the backing plate that mold into the friction material, NRS is said to create an indestructible mechanical bond between the steel backing plate and friction material without use of adhesives; **www.sbs.dk**

Drag Specialties Seats: Made in Minnesota by Drag Specialties, its high tech seats program includes heat control 'Solar Reflective' leather technology that is designed to keep the seating area cool even in direct sunlight. Kevin Lehan, General Manager of Drag's Seat Divison, told AMD that "it is a patented process that has been shown to reduce seat surface temperature by as much as 25 degrees F. In addition, lower temperatures mean higher durability and longer product life in addition to greater comfort." Designs are available for Harley Touring, Softail, Dyna and Sportster applications in addition to Indian Scout; **www.seats.dragspecialties.com**

NAMZ/Badlands: Award-winning specialist author and electrical components manufacturer Jeff Zielinski's NAMZ and Badlands programs "only use and offer the best components available – such as Deutsch, AMP, Delphi, Molex and JST electrical connectors, non-yellowing crystal-clear PVC shrink tubing and highly polished, flexible stainless steel, copper and brass braiding." Jeff says that "over the last several years, NAMZ has also become the leader in OEM wiring harness and electrical components design and assembly. Many of the electrical items you buy for your motorcycle may have started in our Oreland, Pennsylvania facility; **www.namzccp.com**

Memphis Shades: Made in aircraft grade Lucite and designed to be looked over, Memphis Shades' spoiler windshield diffuses the air stream, effectively slowing the flow, without buffeting, and is available in 5", 6.5" and 9" heights, mounting to their popular Batwing fairings with the existing hardware; **www.memphisshades.com**

Revolution Performance: The Plymouth, Wisconsin based specialist's bolt-on Big Bore Kits "are the best, most reliable way to increase horsepower and torque," with power gains of up to 25 percent claimed, "just by bolting in our cylinders and pistons." Made from aluminum with nickel silicon carbide plated bores "our cylinders are lighter, with 10 x better wear resistance and tighter clearances than the OEM cylinder." Monster big bore kits, crankshaft and cylinder head services also available; **www.revolution-performance.com**

ASA/Jensen: The latest news from the Elkhart, Indiana based audio specialists includes a follow-up to its award-winning HD1BT525 Harley-Davidson replacement stereo package with the addition of an adaptor ring install 6.5-inch speaker option. "Combine these new speakers with the already incredible HD1BT stereo, featuring Bluetooth, Sirius XM capabilities and a USB port, and we have one awesome package of in your-face beauty. It doesn't only sound excellent, but it is aesthetically built to look great installed in a Harley," says the company's Jordan Lucas; **www.asaelectronics.com**

Magnum Shielding: Launched earlier this year, the Pittsford, New York based specialist has scored a home-run with its new 'Caliber' 1 1/4" handlebar kits, with 12", 14" and 16" height options for select Bagger and Ape Hanger styles. Described as the industry's only complete kit, Magnum combines its signature 'Sterling Chromite' and 'Black Pearl' matching braided brake lines and control cables with premium quality chrome plated or black powder coated 'Caliber' handlebars. The kits include all needed ABS or non-ABS brake lines, control cables, washers, hardware and terminated wiring extensions, and the bars are pre-loaded with E-Z pull-thru sleeving to make internal wiring easy; **www.magnumshielding.com**

Arlen Ness: Recent new product introductions from the legendary Dublin, California based parts designer and manufacturer include hand finished steel winged stretched gas tank designs for 2008 and up stock Touring model and custom Bagger applications. With a 6-gallon (U.S.) capacity, the "smooth flowing design gives factory tourers a custom look and more improved leg clearance than any other stretched tank available." They ship with a steel dash, rubber trim and all the necessary hardware; **www.arlenness.com**

Le Pera: Design meets craftsmanship in the hands of the North Hollywood, California based seats specialist's craftsmen and women. The company says that every one of its seats can be made in the popular black and white combination - including the 2" set back 'Daddy Long Legs' version for taller riders. All Le Pera seats feature a powder-coated steel base plate, a specially poured high-density "Marathon" molded foam foundation and double-stitched, handcrafted cover with bonded polyester thread for durability; **www.lepera.com**

Daytona Twin Tec: The latest addition to Allen Alvarez' Daytona Twin Tec team is Electronics Engineer Dave Celsnak (seen here on the left). Recent new products include Twin Tuner II, which retains all the features of the original Twin Tuner and now includes ignition timing and control capability. Twin Tuner II easily adjusts the OEM Delphi fuel injection and ignition to match the requirements of installed performance parts, including high- compression pistons/heads, camshafts, free-flowing exhausts, and low-restriction air filters; **www.daytona-twintec.com**

J.W. Speaker: Based in Germanstown, Wisconsin, J.W. Speaker specialize in building the technology behind the Adaptive Series headlight, the "world's first dynamically adaptive motorcycle headlight, representing a genuine evolution in motorcycle headlights." Designed to address the issues of lighting blind spots created by fixed lights when a motorcycle is leaning or cornering, they use onboard sensors and advanced electronics to calculate bank angles on a real-time basis, automatically directing the light array up or down as the motorcycle leans; **www.jwspeaker.com**

Wiseco Performance Products: Recent news from the Mentor, Ohio based manufacturer includes the introduction of their new Black Edition line of pistons for late model Harley applications. Featuring two new proprietary coatings that Wiseco describe as an industry first, ArmorFit coating on the piston skirt and ArmorX on the entire piston are said to "offer superior protection against wear, higher compression, smooth and quiet operation and maximized efficiency. They are available for M-8s and popular Twin Cam and Rushmore model engines (SE heads); **www.wiseco.com**

Cobra Engineering: Recent new products from the Yorba Linda, California based manufacturer include Cobra 4" slip-ons with 4" Race Pro end caps that expand to 4 ½". Available for 2017 Touring models, they feature a 3" core technology that is described as "far beyond conventional louvered metal tubes." Cobra says it has been able to engineer and use a "high frequency, sound chattering technique in the high-flow core to enhance the lower mellow tones. The result is a muffler system that offers great sound quality without mid-range distortion"; **www.cobrausa.com**

Avon Tyres: Leading custom tire manufacturer Avon has added to its popular Cobra range of touring tires with two new fronts (130/60B19 and 130/60B21) and two new rears (160/70B17 and 180/55B18). A firm favorite with custom shops, custom bike builders and performance custom engineers, Avon's Cobra extensive range for V-twin, metric and custom bikes has grown over the years and encompasses 47 sizes along with 10 WW sizes and two trike sizes. Described as delivering "style and performance for cruisers, customs and tourers," they are backed by Avon's Road Hazard Warranty program and 15,000-mile warranty; **www.avonmoto.com**

Russ Wernimont Designs (RWD): Based in Murrieta, California, Russ Wernimont started to make motorcycle parts in the 1990s and continues to produce some of the highest quality stamped steel fenders and accessories in the market. His all new 'Flat Back' series of front fenders are available for 19 to 30 inch wheel applications; his FXR fairings and FXR/Dyna fairing mounting kits, front fenders and LED taillight and license plate combo complement his ranges of mirrors, dashes and conversion kits; **www.russwernimont.com**

DP Brakes: Manufactured exclusively for Drag Specialties, DP Brakes' (the originator of sintered brake pad technology) premium performance brake pads are said to be dust free, noise free and fade free, offering "superb stopping power even when the pads are cold," according to Larry Mills, the British manufacturer's North American Head of Operations. "Sintered metal works as well when cold as other pads do when they are hot. Our upgraded high-tech ceramic heat barrier on the back plate stops the heat generated by braking friction from reducing stopping power or causing brake fade by preventing it from transferring into the brake fluid"; **www.dp-brakes.com**

Paul Yaffe's Bagger Nation: Recent new product designs from the Phoenix, Arizona based specialist include a one-piece clean-up accessory to streamline late-model Harley-Davidson gas tanks. Their "Clean and Simple Steel Dresser Dash" is a direct bolt-on application that "looks sharp" on H-D touring model stock tanks from 2008–2017. "The really large OEM tank console plays havoc with the sleek flowing lines we are always trying to create with our products," says Yaffe. "This gave me the perfect opportunity to create a sleek, low-profile custom dash that makes your stock tank look clean and stretched, with one simple bolt-on part"; **www.baggernation.com**

Maxima Racing Oils: Available in the fall of 2017, Californian oil blender Maxima is updating its successful 'Oil Change in a Box' program specifically for Harley's M-8 models. With the engine now also migrated into the 2018 and up Softails, Maxima's V-twin Market Business Development Specialist Garrett Andrews told us: "The fact that the Milwaukee-Eight actually holds more oil has gone largely unnoticed by a lot of people. Our 'Oil Change in a Box' options have been hugely popular with workshops and dealers, as each single order number kit comes with all the necessary products to complete a full oil change - our V-twin formula 20W-50 engine, transmission and primary oils, plus a K&N 'Wrench-Off' oil filter in choice of black or chrome; **www.maximausa.com**

Klock Werks: The Mitchell, South Dakota bike builder (purveyor of fine limited edition design work for Indian Motorcycle no less!) and parts designer continues to see sales of its popular 'Flare' windshield program growing strongly and has scored big this year with Kicker Audio 'Fit Kits', their 'Kliphanger' and 'Ergo' handlebars and recently added device mounts by 'iOmounts; **www.getklocked.com**

THE WORLD'S FINEST CABLES

Feel the Barnett Difference

THROTTLE-BY-WIRE EXTENSIONS

Available for 2008-17 FL's
Available in lengths of 8", 12", 15" and 20" to suit any handlebar conversion. 20" extension also has a bare bottom end for routing through sharp bends.

- Direct-fit stock length and custom length cables
- Applications for all Harley Davidson, Indian and Victory models
- All fittings, hardware and cable assemblies are made in-house
- All clutch cables come standard with our exclusive High Efficiency inner wire
- High Efficiency cables provide longer life and reduced lever effort
- Clear coated cables are guaranteed not to discolor from sun exposure

Barnett Clutches & Cables

MADE IN THE U.S.A. SINCE 1948

BOOTH# AIMEXPO Nationwide 1030

www.BarnettCables.com • (805) 642-9435

'Road Fever'

it's all about the fun!

Having rocked the world with Ireland's triumphant eme bike stage in 2013, when they won the AMD World Cha admired 'Rondine', Mick O'Shea and Don Cronin backe 'Street Performance' class win at Cologne in 2016 with

Based on a 1987 Ducati 750 with modified Monster USD forks and cu everything is one-off by Medaza Cycles – from the tank, tailpiece and stainless steel downpipes, aluminium silencers and steel hugger.

The custom swingarm with eccentric adjusters and front and rear cust modified Monster headlight, Magura clutch and brake master cylinde Brembo calipers, Brembo front discs, Ferodo rear discs and YSS rear sh The engine is stock with exposed cam belts and K&N filters. The net e that was built to be ridden and that is just so much fun on the twisty what it is all about for Don and Mick – all the hand-craftsmanship, en end result are just "fun", as far as they are concerned.

INTERMOT AMD WORLD CHAMPIONSHIP CUSTOM BIKE BUILDING® 2016

ergence onto the world custom ampionship with the much d that up with a convincing n 'Road Fever'.

stom CNC-machined yokes, almost l aluminum oil cooler to the

tom hubs are complemented by a rs, modified Panigale rearsets, hocks.

effect, according to Don, is "a bike roads of Ireland." But then that is gineering innovation and riding

Medaza Cycles
Ireland

Turndown slip-ons

Vance & Hines' new turndown slip-ons feature large 4-inch muffler bodies with Vance & Hines signature turndown end treatment, making them compatible with CVO drop skirt bags. Featuring nostalgic styling, they have 4-inch muffler bodies with scalloped turndown slip-ons.
Made in chrome plated mild steel for 2017 Touring models (will not fit Trike/Freewheeler models), an optional quiet insert is available.

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

Vintage styling with crankcase breather system

This new vintage style air cleaner case by Californian manufacturer Performance Machine has been "stylistically designed for a timeless look" with "smooth, machine-cut shapes that promote a nostalgic feeling."

The drag-race inspired induction opening is said to "guarantee that the speed freaks nod their heads in approval. Perhaps the obvious element staring you right in the eye is the prominently placed, distinguished bolt head that acts to secure the PM branded outer plate." Described as lightweight and low profile, including PM's proven internal crankcase breather system, it is installed with a high-flow air filter for increased horsepower. Available in Contrast Cut and Black Ops case finishes with a red, black or chrome finished bolt, for '93-'17 H-D Twin Cam/Evo, '08-'17 throttle by wire H-D Touring, '91-'17 H-D Sportster and '14-'17 Indian Chieftain.

PERFORMANCE MACHINE
La Palma, California, USA
Tel: 714 523 3000
sales@performancemachine.com
www.performancemachine.com

Greasy Coast gas tanks

'Waves'

'Smooth'

From Custom Chrome Europe, these universal Frisco style gas tanks by Greasy Coast Special Parts in Spain measure 16.5" long by 7.5" wide and 7.5" high, with a 1 ¾" tunnel. With a 7-litre capacity (just under 2 U.S. gallons) they have a ¼" NPT threaded petcock and 1.75" diameter filler neck. The vented aluminum gas cap with rubber gasket is sold separately; the tanks are available in two designs, 'Waves' and 'Smooth'.
Custom Chrome Europe, Germany, www.custom-europe.de

Arnott™
MOTORCYCLE AIR SUSPENSION
ARNOTTCYCLES.COM
877.900.0247
ARNOTT® TRANSFORMS
GOOD RIDES
INTO GREAT RIDES
ELEVATE YOUR RIDE.™
Motorcycle air suspension isn't just for ride height adjustability. Arnott's air suspension kits provide superior ride comfort, safety and luxury. Nothing will smooth out a chattering road, help eliminate painful bottoming or keep your rear tire firmly on the road like an Arnott Adjustable Air Suspension System. Arnott kits, with TruAIR™ Technology, will help turn a good ride into a GREAT ride.
To find out more about TruAIR Suspension visit arnottcycles.com
HardWare
TUCKER ROCKY
BIKER'S CHOICE
LIMITED LIFETIME WARRANTY
DEALERS WANTED
ARNOTT
©2016 Arnott Industries all rights reserved. Make sure to follow all instructional and safety materials. All other trademarks are those of their respective owners.

ARLEN NESS

Shown with standard chrome kit.

90° AIR CLEANER KIT FOR 111 THUNDER STROKE™ ENGINES

Our 90 degree air cleaner is designed to force as much airflow into your ThunderStroke™ engine as possible for huge gains in performance and torque! The all-new Arlen Ness air cleaner series for Indian® come standard with a triple threat of features: increase in performance, style and legroom. Whether you want to stand out from the crowd with our CNC forged billet kits or just want big performance gains without the extra flash, we've got you covered!

Shown with 10-Gauge chrome kit.

ARLEN NESS

WWW.ARLENNESS.COM

ARB E.O. D-639-5

instagram.com/arlennessmotorcycles

www.facebook.com/ArlenNess

Bluetooth integrated half-helmet

Introduced earlier this year, Sena Technologies says its new DOT approved 'Cavalry' half-helmet is a 'step change' in motorcycle audio and communications. Rather than a helmet that can accept a Bluetooth system, the 'Cavalry' comes fully equipped with Bluetooth 4.1 technology integrated into the helmet to meet the connectivity needs of those motorcycle riders who prefer an alternate to riding with a full-face shell.

Described by Sena as an "all-in-one helmet and Bluetooth communicator," riders can hook up their phone, answer calls, listen to music and even hear GPS navigation instructions clearly and use the built-in half-helmet Bluetooth intercom to talk with up to four other riders up to 900 meters (1,000 yards) away. With up to 10 hours talk time, the 'Cavalry' comes equipped with HD quality speakers and is engineered with Sena's 'Advanced Noise Control' technology for wind noise reduction and a wide volume control. It also comes with optional ear pads in order to boost audio reception.

It can be linked to the Sena Smartphone App, available for free in the iTunes App Store and on Google Play, which will enable configuring of device settings, creating FM radio and speed dial presets, and to access their interactive Quick Start Guide. The 'Cavalry' is firmware upgradable and comes with Sena's two-year warranty.

SENA TECHNOLOGIES
San Jose, Ca., USA
Tel: +1 408 448 1997
info@sena.com
www.sena.com

Paris, FRANCE
Tel: +33 (0)1 53 53 16 29
www.senabluetooth.com

BOOTH# AIMExpo Nationwide 1311

Retro 43

Swedish suspension specialist Öhlins offers a 43 mm conventional universal fork for any custom bike builder who wants to give the bike "supreme suspension performance."

Featuring the familiar Öhlins Racing design in black or the well known Öhlins gold version, inside the fork is their proven and well known NIX technology, which features compression damping in the left leg and rebound damping in the right leg.

This allows for stable damping characteristics due to positive pressure build-up and a more precise adjustment, since the separated circuits don't affect each other - adjustment for compression, rebound and spring preload are all easily and externally accessible at the top caps.

The company says that "this fork delivers stable characteristics while ensuring great bump absorption to give the rider a smooth and comfortable ride. The fork bottoms are delivered without brake caliper and fender mountings, which enables the fork to be easily adapted to various applications and models by the bike builder."

These forks have a 130 mm stroke, 800 mm length, 43 mm triple clamp diameter and 9.5 N/mm spring rate with a range of optional spring rates available.

ÖHLINS RACING
Upplands Vaesby, SWEDEN
Tel: +46 (0)8 590 025 00
info@ohlins.se
www.ohlins.com

BOOTH# AIMExpo Nationwide 458

Centurion audio configuration system

AMD HOT 100 PARTS AND ACCESSORIES

BOOTH# AIMExpo Nationwide TechnoResearch 2460

Best known for their tuning, fuel injection management and diagnostics systems, Royal Oak, Michigan based TechnoResearch has added to its 'Centurion' branded program with this new radio and speaker zoning and configuration system that doubles as a diagnostic tool.

It programs aftermarket radio and speakers, can activate intercom, Bluetooth, navigation/compass, CB, rear speaker switch, and more.

It also monitors engine parameters such as RPM, TPS, battery voltage, engine temperature, and allows the rider to read and clear DTC (Diagnostic Trouble Codes) for ECU, TSSM, BCM, radio, speedometer and ABS.

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

"Clean Look" billet LED fender strut turn signal marker lights

Californian manufacturer Pro-One has announced a new line of "Clean Look" LED fender strut turn signal marker lights for popular Harley-Davidson models including 2004-'16 XL, 1991-'95 Dyna, 2006-'16 Dyna and 1984-'16 Softails.

Available with super-bright, single-function amber or red LEDs, they include an extra set of smoke color lenses for that "clean" look and mount to existing strut mount locations using existing hardware.

The LED board can be made multi-function with optional high-low module or dual-intensity module. Machined from 6061-T6 billet aluminum, they are available triple chrome plated or hit with Pro-One's super-durable black anodized finish.

PRO-ONE PERFORMANCE PRODUCTS
Azusa, California, USA
Tel: 909 445 0900
sales@pro-one.com
www.pro-one.com

TXT fenders

Custom Chrome Europe continues to champion parts programs offered by custom shops and bike builders with this selection of German made TÜV approved, bolt-on strutless rear fender styles by

Smooth style

Shorty

Rear Fender V

TXT Customparts for Softail, Dyna and Indian Scout applications.
Noted for their stock modifications, TXT, owned and operated by Christine Thibaut, handcraft their fenders in their own workshops at Belheim, near Karlsruhe, Germany.
Specializing in custom styling for Softails (especially the Breakout, one of Harley's most popular bikes in Germany), Dyna and Sportster models, these fenders are available in a range of arc lengths from 340mm to 620mm, with or without cut-outs, for rear tire sizes from 180s (Sportster 883/1200 2004 and up) to 270s for selected Dyna and Softail conversions from 2008 and up.

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

Lightweight 'Evo Power' system options by Ballistic

Summerville, South Carolina based **Ballistic Performance Components**' 16 volt 'Evo Power' high-performance, lightweight, lithium-ion starter battery system comes "complete with everything you need to charge, maintain and monitor your EVO3 battery – perfect for American V-twins that require more cranking amps to start modified big cubic inch motors."

The system kit includes a state of the art Lithium Ferrous Phosphate (LiFePO4) EVO3 battery that is said to be up to 15lb lighter than the stock battery and an OptiMate EVO maintenance charger and EVO health monitor.

The maintenance charger "keeps the EVO battery at the perfect voltage for maximum battery life, a must for modern American V-twins with high parasitic draw." It gives "at a glance" indications of the battery's voltage and connects directly to the EVO maintenance charger.

For applications used in cold environments or with high-performance modifications, Ballistic recommends using their 24 volt EVO 'MAX POWER' systems with EVO3 batteries that have higher burst cranking amps. Batteries are shipped at 30% state of capacity.

"Left unattended, with nothing drawing from the Ballistic EVO battery, our customers can expect a static discharge rate of less than 10% over a 12-month period. This is incredibly efficient. The problem

is, most modern powersports vehicles have some parasitic draw from the battery when the switch is off. This parasitic draw kills batteries in powersports vehicles. Traditional trickle chargers of questionable quality are simply not up to the task of maintaining advanced lithium-ion batteries," said Ballistic Director of Sales and Marketing, Chip Spalding.

"Our solution is a partnership with industry leader TecMate to provide the ultra-high quality OptiMate 1 lithium charger and state of the art EVO health monitor with our EVO3 battery. The package delivers everything needed to get maximum power and battery life from the EVO battery."

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

BOOTH# AIMExpo Nationwide Ballistic 1003

BRASS BALLS
CYCLES

NEW AND EXCLUSIVE TO BIKER'S CHOICE, BRASS BALLS MAKES HIGH-QUALITY, HAND CRAFTED AND PRECISION MACHINED CUSTOM PARTS DESIGNED TO PERFECTION IN THE USA. SHOWN HERE ARE ALL NEW LEATHER WRAPPED GRIPS, FILTER COVERS, RISERS AND PEGS ALL AVAILABLE IN VARIOUS STYLES AND FINISHES.

WINNER AMD PRODUCTION MANUFACTURER CHAMPIONSHIP 2011 & 2012

BIKER'S CHOICE

BRASS BALLS CYCLES TEL: +1 405-270-0995
sales@brassballscycles.com - www.brassballscycles.com

UNIVERSAL V-TWIN WINDSHIELDS

WORLD'S BEST MOTORCYCLE WINDSHIELDS AND ACCESSORIES

Stock-mount custom floorboard options for Harley and Indian

New from Phoenix, Arizona based Accutronix are a range of these extended front floorboards for '84-up FLH and FLT Baggers and '86-up FLST, replacing the stock OEM front floorboards "for a more custom look."

Seen here is a selection of four of the wide range of styles available, each in "Drilled" or "Knurled Drilled", solid black or remachined for a black anodized and raw aluminum contrast finish.

Depending on the design, they are either stock length or extended 2-1/8" or 2-1/2" at the front and 3/4" and wider and 1" or 2-1/2" longer in the rear and mount like stock with the stock hardware.

They are also available for the '14-up Indian Chief, either in stock or a similar selection of length and width, depending on the design chosen.

Machined from 6061-T6 billet aluminum, the top portion of the board has a raised hole feature inspired by racing pedals, with a multi-directional, slip resistant machined pyramid-top knurled design or pyramid-top rubber insert lower area.

Extended 'Drilled Vintage', seen here in 'Night Series' finish

Knurled Drilled Original – direct stock replacements, seen here with a 'Night Series' finish

Drilled Instigator, seen here with a 'solid black' finish

ACCUTRONIX MOTORCYCLE PRODUCTS
Phoenix, Arizona, USA
Tel: 623 516 9600
sales@accutronix.com
www.accutronix.com

Bolt-on neck rake kit for 26 inch front wheels

Dahlonega, Georgia based Hawg Halters has released the first details of a new X-26 bolt-on Neck Rake Kit for 26 inch front wheel installation.

Designed and manufactured in their facility using USA produced 6061-T6 billet aluminum and 4150 high strength steel alloy, this "leading edge, multi-piece neck design delivers unmatched strength and secure attachment.

"Based on proven press fit technology, the result is perfect frame alignment, maximum assembly and installation rigidity and superior performance."

The X-26 is a complete bolt-on solution for the dealer or custom shop that does not want to cut and weld a customer's chassis. "This precise bolt-on Neck Rake Kit allows you to convert your customer's ride easily and get it back on the road with a minimum delay and loss of seat time. There are no warranties voided, no potential for error, and installations can be reversed if necessary."

The HHI kit is compatible with factory suspension using stock clearances and suspension travel or any custom air suspension system. Kits fit 1996 - present Road Glide, Street Glide, Electra Glide and Road King applications.

The X-26 has stock frame clearance and delivers performance driven rake and trail for exceptional handling and stability.

HAWG HALTERS INC.
Dahlonega, Georgia, USA
Tel: 877 442 5837
info@hawghalters.com
www.hawghalters.com

BOOTH#
AIMExpo
Nationwide
1059

Scala Rider Q-solo

BOOTH# AIMExpo Nationwide 1023

Cardo Systems' founder and CEO Abraham Glezerman: "With its affordable price tag and the high quality, the durable Q-solo is an essential and reliable communicator for both experienced and new motorcyclists alike"

Cardo Systems, a global market leader in communication systems for motorcyclists, has announced the launch of the scala rider Q-solo – a Bluetooth headset for single riders who are primarily in the market for an easy-to-use and highly reliable communicator.

The new Q–solo comes equipped with a high quality, noise-cancelling microphone for optimal phone communications, crystal clear audio playback and GPS connectivity. "With a rock solid construction, this product is perfectly suited for single riders in search of a branded communicator that offers intuitive operation and long-term reliability."

"I believe that large audiences will quickly recognize the new Q-solo as the quintessential communicator from the top-branded manufacturer," says founder and CEO Abraham Glezerman. "With its affordable price tag and high quality, the durable Q-solo is an essential and reliable communicator for both experienced and new motorcyclists alike."

The scala rider Q-solo is the latest addition to Cardo's Q-series line of communication products. The company says that "with almost 400,000 Q-series devices sold to date, it is the world's most proven line of motorcycle communicators."

The Q-solo will initially be offered in North America; European and international markets will follow shortly thereafter.

Cardo Systems was founded in 2004 and is headquartered in Pittsburgh, PA. "We specialize in the design, development, manufacturing and sales of state-of-the-art communication and entertainment systems for motorcycle helmets. Cardo has developed the vast majority of innovations for Bluetooth motorcycle communication systems – our leading scala rider line is sold in over 80 countries, making it the world's bestselling Bluetooth system for the motorcycle industry."

CARDO SYSTEMS
Pittsburgh, Pennsylvania, USA
Tel: +1 412 788 4533
sales@cardosystems.com
www.cardosystems.com

DEI helps cool off the red hot Slingshot

BOOTH# AIMExpo Nationwide 1147

Avon Lake, Ohio based thermal barrier and sound control specialist Design Engineering is now offering a custom-cut, 11-piece heat management kit for the Polaris Slingshot.

With its compact design and four-cylinder engine, the muffler, catalytic converter and exhaust manifold of the Slingshot all reside in close proximity to one another on the right side of the vehicle. This concentration of heat easily transfers into the passenger area – potentially cooking the floor and driver.

After some R&D work with a range of thermal and acoustic materials, DEI has developed a kit that is said to "address all of the heat and noise issues," according to DEI Powersports VP of Marketing and Sales Tom Miller.

The kit includes a double walled main heat shield, a single walled floorpan heat shield, nine additional pieces to cover the transmission tunnel, rocker panels and center console. "The end result is a cooler and quieter Slingshot, allowing for longer rides and improved rider comfort."

Founded in 1995, DEI is a major manufacturer and supplier of high-performance automotive aftermarket products selling worldwide to all sectors of the international powersports market and specializes in the development of thermal and acoustic performance products.

DEI DESIGN ENGINEERING, INC. HEAT & SOUND CONTROL

DESIGN ENGINEERING INC
Avon Lake, Ohio, USA
Tel: 440 930 7940
sales@designengineering.com
www.deipowersports.com

TÜV approved Legend Aero suspension for FLH

Custom Chrome Europe is offering TUV approved Aero suspension kits by South Dakota manufacturer Legend Suspensions for 2017 FLH applications.

Redesigned with Aramid fiber air spring technology, Legend air springs provide adjustability that maximizes wheel travel to any desired wheel height. The hard anodized machined aluminum bodies and spherical mount bearings at the top and bottom make for robust and durable 12" and 13" fitments.

The Legend AERO-A features six external rebound settings for optimum tuning to rider and load weight and riding style preferences.

Also available for 1999 and up FLH and 2015 and up Roadglide applications, low-friction seals eliminate 'stiction' (static friction) and the high-flow piston reacts quickly for improved fluid flow management.

Deflective disc valved damping self-adjusts to frequency to ensure controlled and consistent performance. The kit includes a pre-wired air compressor and model-specific mounting, with complete, installed three Deutsch connection wiring harness and OEM looking black handlebar mounted control for "on-the-go" adjustability.

Legend also offers optional chrome handlebar-mounted controls, fairing-mounted matching gauges and back their suspension products with a lifetime guarantee.

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

Fat Katz 13-gauge Pro-Street and Chopper fenders for the aficionados

Don Baumunk's Grass Valley, California based Fat Katz remains a leader in precision handmade, pre-drilled custom fenders constructed from 13-gauge U.S. spun cold rolled steel with fitments from 16" right the way up to 32" in classic and full wrap styles. Top-sellers include their 'Laredo' full wraps, 'El Loco' 32 incher bagger fronts with choice of rears, and fender blanks for custom applications.

Seen here are pro-street and chopper custom fender designs that are popular with those looking for a contemporary look that harkens back to the classic styles that have remained popular in international markets and are staging a comeback with the new generation of customizers worldwide.

"It seems that pro-street and chopper styles have never gone out of fashion in Europe and elsewhere" says Don. "There hasn't been the same 'rush-to-Bagger' that we've seen here in the United States, and with the range of platforms proliferating and the hybrid retro styles that are now emerging, we are seeing an increase in demand for the classic custom designs that were once an industry mainstay."

Available from skinny right up to fat rear end 360s, Don says that "for many builders, aluminum and ABS just don't cut it anymore. The new generation of riders are looking for authenticity and durability, and in an era in which "quality is the new black," nothing delivers quite like high grade 13-gauge cold rolled steel.

"It is not every workshop that has the skills, experience and equipment to engineer the kind of precision fit and flawless finish that demanding riders are looking for now. Our pedigree goes back to 1979, and our famous 'Vegas' fender remains one of the market's iconic forms - we are seeing that heritage driving a resurgence in dealer sign-ups as a new generation of customizers discover our authentic designs and true American craftsmanship."

F105 Philly

FB300 Rear blank

F400 Houston

FAT KATZ
Grass Valley, California, USA
Tel: 530 268 2232
sales@fatkatz.com
www.fatkatz.com

4.5" 'Redline' touring slip-ons

These Arlen Ness by Magna Flow chrome mufflers with black accent-cut end caps are said to deliver "custom styling and performance gains with an amazing deep, rich sound quality."

Featuring performance baffles, they are an easy install directly onto the stock head pipes on 2017 FLHT, FLHX, FLHR, FLTRX and FLTRU models; available in black or chrome.

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

Scorpion billet clutch basket for 2017 - 2018 FL Tourers

Barnett Clutches & Cables has released an updated Scorpion billet clutch basket for a "bolt-on" install on 2017 – 2018 FL Touring models.

"This billet basket is the highest quality and most cost-effective replacement for a broken stock basket. Precision-machined from tough 2024-T3 billet aluminum and hard anodized, this basket is superior in quality and durability to the stock item it replaces."

To install, simply remove the stock basket from the ring gear/primary sprocket and bolt on the new Barnett Scorpion basket. All hardware and instructions are included.

BARNETT CLUTCHES & CABLES
Ventura, California, USA
Tel: 805 642 9435
info@barnettcables.com
www.barnettcables.com

BOOTH#
AIMExpo
Nationwide
1030

Sensation

original size

Bullet Atto®

• extremly small

• extremly bright

Kellermann®
www.kellermann-online.com

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

AVON TYRES

USA MADE RENEGADE WHEELS

Custom Motorcycle Wheels

MAKING AMERICA GREAT AGAIN!

"Dealer Inquiries Welcomed"

WWW.RENEGADEWHEELS.COM

ORANGE, CALIFORNIA • PH (714) 998-7241 • FAX (714) 998-7297

Hot Rod gaskets for the Milwaukee-8

BOOTH# AIMEXPO Nationwide 1130

MLS 4.200" bore head gasket .040" for oil and coolant cooled heads

C10177 - single layer steel base gasket stock bore to 4.250", .014" thick

Concord, Ohio based manufacturer Cometic Gasket has released new stock replacement and big bore gasket and cam change gasket kits for Harley's M-8 touring engines.

Because there are currently two very different cylinder head designs offered on the M-8, Cometic is releasing a number of different gasket designs.

One version of the M-8, the one used in Touring models with no lower fairings, features oil cooled heads. A second M-8 cylinder head version, this one found in Touring bikes with lower fairings and with radiators behind them, has provisions for that coolant to flow through the heads, and Cometic say they have gaskets for both, in sizes ranging from the stock 107 and 114 cubic inch displacements to a big 4.500 inch big bore size.

All told, there are nine different cylinder head gaskets in this M-8 line-up, along with new base gaskets and the full cam change kit. Sales Director Jason Moses told AMD: "While the differences between all those gaskets are small and subtle, they're critically important.

"The oil cooled heads, the ones on bikes without lower fairings, have one "teardrop" shaped port close to the bore, and that is surrounded with an embossed surface. With this head design the M-8 big bore is limited to 4.200 inches with no modifications to the heads. Any larger than that would require the oil port to be welded shut and the head resurfaced.

"Our gasket for these oil cooled heads, the ones with the teardrop shaped port and embossed ring around it, will work on both oil cooled and coolant cooled heads with stock to a 4.200 inch bore with no head surface modifications.

C9247 - race style exhaust gasket, .240" thick, all M-8 Models

"The second M-8 head design, the one used on bikes with lower fairings, radiators and coolant, has two round coolant ports set significantly further back from the bore than the oil cooling port. With this design, the big bore can safely go all the way to 4.500 inches with no coolant port modifications, and Cometic has gaskets in those bigger 4.250, 4.320 and 4.500 sizes."

Cometic manufactures its gaskets from a comprehensive range of materials, including MLS (Multi-Layer Steel) gaskets or a synthetic blend such as aramid fiber.

"The M-8 is primed for modification," continued Jason. "Gaskets are a staple for servicing and a vital component for reliability and performance. The two different head styles are catching many builders by surprise, and by being first to market with service replacement and big bore solutions, we think we are going to be making the lives of a lot of workshops a lot easier and the engines of a lot of riders a lot more reliable."

C10178 - cam change kit, all M-8 Models

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

Now Available- X-26® Neck Rake Kit!

HHI proudly announces the arrival of their NEW X-26®, Bolt-On Neck Rake Kit for the installation of 26 inch wheels on touring bike platforms. This US made, multi-piece design delivers maximum strength, secure strong attachment and outstanding performance! Maintains your stock clearances and delivers full suspension travel.

The X-26® kit allows for quick, easy, no neck cut installation in record time, at your local shop, with exceptionally strong attachment technology.

Available for Road Glide, Street Glide and Road King applications both early and late models. Fully Air Suspension compatible.

X-26® Complete Builders Kits now available! Call for information.

Add the latest HHi Spartan Wheel to your build in Chrome or Shadow Cut with matching Brake Rotors.

BOOTH# AIMEXPO Nationwide 1059

Join us on Facebook.com/HawgHalters, Inc.

HHi Hawg Halters Inc.

Visit HawgHalters.com or Call 877.442.5837 For More Info

Proudly Made In The USA!

Batwing LED fairing trim and Mini-Beast air horns

LED batwing fairing trim mount

Youngsville, North Carolina based **Custom Dynamics**' LED batwing fairing trim mounts directly to stock batwing fairings using automotive-grade 3M tape.

They feature white DRL running lights, amber LED turn signals in a sealed housing with smoked lens. The white DRL LEDs are automatically deactivated when the turn signal lamp or hazard warning lamp is activated, and automatically reactivated when the turn signal lamp or hazard warning lamp is deactivated.

Sold in pairs, they are available in chrome or gloss black finish for a plug 'n play installation.

Also seen here, these LED amber/white front turn signals replace the stock bullet housings with a plug 'n play low profile turn signal with a built-in DRL. They include all mounting hardware to make these turn signals a direct bolt-on replacement in chrome or gloss black finish.

LED amber/white front turn signal

MiniBeast 6 air horn

Finally, Custom Dynamics' MiniBeast air horns in chrome or gloss black mount in place of the stock horn. MiniBeast 5 and 6 series are made from ABS plastic with heavy gauge metal brackets and plug 'n play wiring harness for easy 3-wire installation with all electrical systems.

They feature a super-loud 136db blast from the twin trumpets and fit all Big Twins (but not Sportster or V-Rod models). The MiniBeast 5 measures 5.14" W x 5.5" H x 3" deep (excluding mounting tab); the MiniBeast 6 measures 6.75" diameter x 3.25" deep (also excluding mounting tab).

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

Stock replacement and performance upgrade shocks

Internationally well known for their sportbike and streetbike suspensions, Dutch specialist Hyperpro has had Harley-Davidson (and more recently Indian Motorcycle) model-specific suspension applications in its line-up ever since the company began in business in 1993. Their range includes stock replacement and performance upgrade rear shock absorbers and rising rate/progressively wound shock absorber springs, front suspension springs, full front end suspension kits and one of the best known and most widely used steering damper programs in the market.

Seen here, Hyperpro Series 360 shocks are an emulsion based design with rising rate spring, a rebound adjuster offering 50 clicks of precision setting, and an included manual preload adjuster is included. They have a 16mm damping rod for durability, bladder technology to separate the oil from the nitrogen gas used in the reservoir, hydraulic preload adjustment and length adjuster available as options, and are fully serviceable and rebuildable – Hyperpro's modular shock absorber designs mean spare components are always available. Hyperpro has 25 employees, a 10,000 sq ft (1,000 sq m) facility at Werkendam in southern Holland, and is exporting to more than 40 countries around the world.

HYPERPRO
Werkendam, NETHERLANDS
Tel: +31 (0)183 678867
info@hyperpro.com
www.hyperpro.com

Hybrid series Soft Lip wheel blanks

Paramount, California based All American Wheel is following up the success of the Soft Lip wheel blanks it launched some years ago with a new hybrid series of blanks.

The updated design sees additional metal added to the outer face and lip, allowing wheel designers to get the 3D look that is sought after by many custom wheel buyers currently.

Manufactured from rotary forged 6061-T6 aluminum and "machined to the highest quality," they also feature the Soft Lip.

They are centered (not offset), with 0.750" +.010/-.020 web thickness, 2.550" +.010/-0.000 center bore and weigh 35 lbs – only 4 lbs heavier than the standard blank. DXF files will be available for all sizes.

Sizes available by the end of September will be 21x325, 23x375, 16x55, 16x35, 18x35, 18x55; the 26x375 and 21x215 will be available by the end of the year.

ALL AMERICAN WHEEL CO
Paramount, California, USA
Tel: 562 602 6560
sales@allamericanwheel.com
www.allamericanwheel.com

BOOTH# AIMExpo Nationwide 3221

Zodiac adds wheels, USD forks and more

BOOTH# AIMExpo Nationwide Ride Wright Wheels 1058

'Fat Daddy' wheels with TÜV

These original Fat 50, also known as Fat Daddy wheels, are made in the USA by Ride Wright Wheels of California. Radial laced with straight 3/8" (9.5mm) diameter stainless steel spokes with custom nipples, they have billet aluminum custom hubs and steel rims.

"These top-quality DOT approved wheels now also have TÜV approval, for use on most Harley-Davidson models from 1984 to present in stock and wider than stock sizes, including ABS models."

Available as plain stainless steel spokes with chrome hub and chrome rim, black stainless steel spokes with chrome hub and chrome rim or plain stainless steel spokes with black hub and black rim, all wheels (except in 21x2.15") come sealed for use with tubeless tires.

The 4.25" wide rear wheels fit most applications by modifying the axle spacers and changing the rotor and pulley spacing. Other wider than stock rear wheels for use with custom wide swingarms and offset parts also available.

Front wheels for Softail models are single flange for use with single disc brake rotor; all other wheels are dual flange - front for use with dual disc brake rotors and rear for disc brake rotor and pulley.

All other colors, finishes, wheel sizes and designs are available on special order for just about any Harley model from 1984 to present.

Rocker clutch pedal kits

Zodiac has now added these rocker clutch pedal kits to their extensive line of parts and accessories for new and old Harleys. Kits include bracket with bushings installed, pedal, spring cover and all friction components. The clutch pull rod connects to the arm on the pivot shaft which provides an offset to use with an aluminum inner primary cover.

V-TWIN

They can be installed on all '36-'78 Big Twins and '87-'99 Softails with the appropriate clutch rod, rod end and bolt or bracket and cable kit (available separately).

Shinko 'Reflectors'

Shinko has introduced the SR777R 'Reflector' – "the next evolution in motorcycle tire technology," almost completely unnoticeable until light hits the reflective material on the sidewall when the sidewall of the 'Reflector' tire lights up.

With a newly redesigned, reinforced carcass, the SR777R is described as having higher load ratings and higher mileage. Heavier (Aramid) belting "provides ample load capacity while also giving more stability and longer life."

Specifically designed for cruiser machines, it is available in a multitude of sizes to fit many V-twin and metric cruiser models. The tires are also available with white sidewall; features include H rated tubeless, four or six-ply rated and Aramid belted.

Exclusive Zodiac 5 1/2" travel complete Smoothglide upside down forks by Mupo

Mupo (Italy) developed upside down forks are "the ultimate front suspension for American V-twin motorcycles and manufactures them specially for Zodiac. Improved handling and damping characteristics are the benefits of these precision-made units;" which feature chrome-moly fork tubes, machined aluminum alloy sliders, hard anodized damper rods and smooth clear or black anodized top tubes and wheel axle clamps. They feature integrated caliper brackets for 2000 to present style calipers designed for use with 11 1/2" disc brake rotors in dual set-up, and can be used with most single or dual stock and aftermarket disc brake calipers.

The triple trees are machined from a block of billet aluminum and mirror shine polished after machining, with the black version black anodized after polishing. Forks are available with 0 degree, 3 degree or 6 degree raked trees. They feature

MUPO race suspension

AMD HOT 100 PARTS AND ACCESSORIES

integrated caliper brackets for 2000 to present style calipers designed for use with 11 1/2" disc brake rotors in dual set-up.

This completely redesigned and styled version of Zodiac's upside-down forks feature smoothened 54mm aluminum top tubes, 43mm chrome-moly inner tubes, newly developed damper units, individual fork spring preload adjustment, cylindrical shaped billet aluminum wheel axle clamps, hidden mount wheel axle, billet aluminum Wide Glide 9.85" wide triple trees with 0 degree, 3 degree or 6 degree rake. Available in 31 1/2" or 33 3/4" length.

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

ZODIAC ORIGINAL PARTS & ACCESSORIES

TRUE BRIT

THE NEW ROAD LEGAL SPEEDSTER V3

World's Smallest DOT FMVSS 218, ECER22-05 Helmet – Low Profile – Leather Lined

Davida established since 1975 designing and producing high quality products in our factory close to Liverpool, England. We have over 25 years of expertise and experience in our technical team in the American and worldwide Motorsports industry, designing helmets to the highest safety standards in the world, enabling us to produce the dual standard DOT, ECER22-05 Speedster V3 Helmet.

Worldwide Sales & Manufacturing: Davida UK Ltd Merseyside England
Tel ++44 151 647 2419 – **email** sales@davida.co.uk
www.davida-helmets.com

USA Sales: 9MC Vintage South Carolina 29687 USA
Tel 864-649-moto (6686) – **email** sales@davida-helmets.net
www.davida-helmets.net

Canada Sales: Angel Wings Trading Oakville ON L6L 4A8
Tel 1-888-920-0615 – **email** info@angel-wings.ca – www.angel-wings.ca

DAVIDA®
MADE IN ENGLAND

DOT ACU GOLD ECE R22-05

SEE US AT EICMA, 7-12 Nov 2017. HALL 24, STAND Q88

NO NOISE – NO LIFT – NO COMPROMISE SPEEDSTER v3

ISO 9001: 2008

THE ONLY MOTORCYCLE HELMET MANUFACTURER IN ENGLAND DAVIDA ENGINEERING PRODUCTS SINCE 1975

M8 VALVETRAIN SYSTEM

ENGINEERING & MANUFACTURING VALVETRAIN FOR 78-YEARS & 2-GENERATIONS

NEW PRODUCTS

- *High Perf. Replacement & High Lift Kits*
- *Valve Springs Wound from Cr-Si Wire*
- *Components Designed Using FEA Software*
- *A Must Have for All Perf. Builds*
- *Black Diamond™ & Inconel® Valves; Cast Iron, Mng. Brz. & C630 Brz. Guides Available*

Kibblewhite Precision Machining Inc. Manufacturer of Valvetrain Components

Contact Your Distributor Today !

www.kpmi.us

Follow us on

Visit us at Booth #1938, AIM Expo 2017, Greater Columbus Convention Center, September 21-24

Windzone puts you in the tool zone

Austin, Texas based tool specialist Windzone, a motorcycle garage and roadside emergency tool manufacturer, has improved its tools and expanded its line.
"We're the oldest motorcycle tool manufacturer in the world, and our brand has been recognized by riders for a long, long time - over 25 years," says Chip Thomson, the President of Windzone.

"The line has continued to be popular, but it's now time to give Windzone a fresher look with improved products and an opportunity for many thousands more riders to enjoy the unmatched quality that can save them when they're in need on the road," Chip says.
Chip went on to explain that Windzone has always been known for having a solid line of toolkits, at various price points, but, regardless of cost, every one of their tool sets comes with a "Forever" guarantee, something that's almost unheard of these days. "We don't care if you break one of our tools with a breaker bar, or run over it with a forklift. It's a tool, it's not supposed to break. Kind of worthless if it does, so 'Forever' is the kind of warranty we think tools should have."
The line runs from a choice of 'Economy' essential kits through to a 'Road Doctor' set that anticipates the vast majority of roadside needs that any rider might encounter. "Though all high strength," Chip went on to say, "we have also focussed on making sure that our kits are lightweight enough to be truly portable and unobtrusive, as well as comprehensive enough to be truly practical and worth their small footprint."
Available through Biker's Choice, other selected distributors, and direct from Windzone which ships worldwide.

WINDZONE
Austin, Texas, USA
info@windzone.com
www.windzone.com

Kibblewhite valvetrain system for M-8

BOOTH# AIMExpo Nationwide 1938

AMD HOT 100 PARTS AND ACCESSORIES

Leading Californian valvetrain specialist Kibblewhite Precision Machining (KPMI) has brought a slew of product design updates to the market for Harley's Milwaukee-Eight Touring model engines.
Wound from a blend of chrome silicon wire designed specifically for performance valvetrain, KPMI high-performance replacement and high lift beehive spring kits allow the choice of aggressive cam profiles, with lifts of up to .550" for performance builds that the stock springs wouldn't be able to cope with reliably.
Its heat-treated steel retainers provide excellent durability and life expectancy and weigh only 2 g more than their titanium equivalent, but titanium retainers are offered for performance applications that require the lightest possible high strength parts available.
KPMI 'Black Diamond' intake and exhaust valves are said to offer combined weight savings of approximately 6.8 g over the OEM components, reducing wear and tear on the rest of the valvetrain and allowing the engine to rev higher. KPMI also offers 'White Diamond' Inconel exhaust valves for extreme duty applications with high exhaust gas temperatures.
Kibblewhite's C630 nickel aluminum bronze guides extend the life of an engine build by providing greater wear resistance and heat dissipation than the OEM guides they replace. Manganese bronze and cast iron guides are also available as OEM replacements, which offer greater ease of installation and sizing than the C630 counterparts (a specially sized KPMI reamer is available).
All KPMI intake guides have port geometries with reduced cross sections for increased air flow; their OEM replacement keepers and valve stem seals are kept in stock dimensions.

KIBBLEWHITE PRECISION MACHINING
Pacifica, California, USA
Tel: 650 557 2046
sales@kpmi.us
www.kpmi.us

'Outlawz' Chubby extra thick 1-1/4" bars

These 1-1/4" 'Outlawz' Chubby handlebars by Huntington Beach, California based manufacturer Wild 1 are 25 percent thicker than stock and have been precision-machined (not swage formed) at the control mounts, "providing perfect fit, form and unsurpassed looks."
Designed with fluid bends at precise angles for maximum comfort and control, they have been pre-drilled for internal wiring, have polished welds and are diamond knurled for safety and a reliable, robust install.
They work with hydraulic clutch, stock and most custom controls, stock Springer risers and top clamps, and are available in show chrome finish or Blackout series featuring a semi-gloss black finish to match OEM black switch housings.
All handlebars work with throttle-by-wire as well as cable applications and with Harley heated grips.

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

Chain conversion and 32-tooth compensator eliminator kits

32-tooth compensator eliminator kit

Following the success of the cush drive chain conversion kits they introduced earlier this year, Twin Power has announced a new line of chain conversion kits for '86-'00 FXR, '86-'06 FLH, '91-'05 Dyna, '91-'05 Sportster, '06-'17 Dyna and '07-'17 Softail models.

"Changing from belt to chain drive is a must for high load, high horsepower and racing applications. Anyone who's ever been stranded due to a broken belt knows this," says James Simonelli, Twin Power Brand Manager. "These kits take the guesswork out of converting your bike from belt to chain drive and are designed for stock chassis and wheel applications. Kits duplicate the factory belt drive ratio, but additional sprockets are available to adjust for specific conditions."

The kits include a 4140 heat-treated steel transmission sprocket, transmission sprocket spacer, fully machined (not stamped) heat-treated steel rear sprocket with a textured black powder-coated finish, dual bolt pattern sprocket spacer (where applicable), and grade 9 hardware (where applicable) - just add a chosen 530 x 120 link rear chain and cut to size.

"Drive chain is like religion and politics; everyone has their favorite," says Simonelli. "We leave it up to the end user to pick their desired brand and type, of which Biker's Choice offers a wide assortment."

Also seen here is a new Twin Power 32-tooth compensator eliminator kit.

"Last year, we introduced the 34-tooth compensator eliminator sprocket to our product line and it was a great success. The addition of this new kit will give riders more options for updating and maintaining their motorcycle. One of the advantages of this kit is that it works with any stock length primary chain," says James.

Rear chain conversion kit

Said to provide a 6 percent reduction in gearing, which improves acceleration and makes 6th gear more usable, eliminating the compensator reduces spinning weight by 4.8 lbs. and improves starting. The manual tensioner allows precise chain adjustment and increases engine, transmission and primary bearing life. Alternator rotor replacement is not required regardless of year group; however, ECM recalibration for the cruise control and 6th gear indicator light is needed in order for them to function properly.

BIKER'S CHOICE
Fort Worth, Texas, USA
Tel: 817 258 9000
newdealer@tuckerrocky.com
www.twinpower-usa.com
www.bikerschoice.com

4" slash-cut slip-ons for '95-'18 Touring models

BOOTH# AIMExpo Nationwide 2260

S&S Cycle has added to its 4" slip-on line with this slash-cut muffler for H-D touring models, featuring "clean styling, authoritative sound and an affordable price point."

Available in chrome or ceramic black finish with fitment for 1995 through 2018 Baggers (including M-8 and Tri Glide), S&S says it is one of the few exhaust manufacturers to include a secondary stainless steel baffle (dB reducer), allowing the muffler to be tuned for sound and performance.

In-house S&S R&D dyno testing showed that with the dB killer, a Stealth air cleaner kit and using the stock headers, the 4" slash-cut slip-on saw peak corrected horsepower of 81.02 against 76.27 for the stock set-up on a 2017 M-8 Street Glide and 101.77 ft lbs torque against the stock 98.13 ft lbs.

The slash-cut slip-on is made in the USA and 50-state legal on most touring models.

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

Ride. Grip. Feel the Trust.

www.dp-brakes.com

DP™ BRAKES

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

Keep your whitewalls WHITE!

Whatever you ride, here at DP Brakes we have the perfect, DUST-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.

Why not check-out our extensive range of high-performance clutch kits too?

New KB SUPER DUTY PISTON SERIES for Harley Twin-Cams Featuring LINE2LINE COATINGS

PERFORMANCE KB MOTORCYCLE PISTONS

Line2Line Abradable Coating is standard on every KB Super Duty Motorcycle piston. Line2Line is applied the thickness of the piston-to-wall clearance for a ZERO install clearance. The coating abrades in on start-up to hone for the perfect fit per cylinder, and eliminates piston rock for the best possible ring seal with no piston slap noise.

Features include:

- **Hard Anodized Crown aids in heat deflection and corrosion from alcohol fuels**
- **Top ring groove Hard Anodizing eliminates micro-welding of the ring to the groove and maintains a flat and smooth surface for best ring seal**
- **Less carbon buildup on dome**

Now available for big Cubic Inch Engine Applications:

PART #	ENGINE	BORE	SIZES	STROKE	ROD	COMP. HEIGHT	CC/TYPE	COMP. RATIO 85cc HEAD	COMP. RATIO 95cc HEAD
KB908LCA	103	3.875	STD. .005 .010 .020 .030 .040	4.375	7.667	1.086	-1 DOME	10:1	9:1
KB909LCA	103	3.875	STD. .005 .010 .020 .030 .040	4.375	7.667	1.086	-5.4 DOME	10.5:1	9.5 :1
KB660LCA	103	3.875	STD. .005 .010 .020 .030 .040	4.375	7.667	1.086	-9.8 DOME	11:1	10 :1
KB714LCA	107	3.937	STD.	4.375	7.667	1.086	1.6 FLAT TOP	10:1	9:1
KB661LCA	110	4.000	STD. .005 .010 .020 .030 .040	4.375	7.667	1.086	-4.2 DOME	11:1	10 :1
KB661LCA	113	4.000	STD. .060 .065 .070	4.375	7.667	1.086	-4.2 DOME	11.3:1	10.3 :1
KB917LCA	117	4.125	STD. .005 .010 .020 .030	4.375	7.667	1.086	11.5 DISH	10:1	9:1
KB662LCA	117	4.125	STD. .005 .010 .020 .030	4.375	7.667	1.086	-1.5 DOME	11:1	10 :1
KB715LCA*	120	4.060	STD. .005 .010	4.625	7.667	.0960	9 DISH	10.5:1	9.5 :1
KB716LCA	124	4.125	STD. .005 .010	4.625	7.667	.0960	12 DISH	10.5:1	9.5 :1

*Does not fit S&S and Screamin Eagle® 120R engines. All Applications use standard 4.937" cylinder length.

Complete Kits Include pistons, rings, pins and locks

Dome shape accepts Bathtub 85cc or TearDrop 95cc heads

UNITED ENGINE & MACHINE UEM PISTONS

KB Performance Motorcycle Pistons
Division of United Engine & Machine Co.
Direct 775-882-7790
TOLL FREE US: 800-648-7970
Tech Support: tech@uempistons.com
www.UEMpistons.com

'Ultimate Ride' and 'Smooth Ride' suspension kits for '91 - '17 Dyna models

AMD HOT 100 PARTS AND ACCESSORIES

Merritt Island, Florida based Arnott Air Suspension has extended the range of applications for its 'Ultimate Ride' and 'Smooth Ride' height adjustable air suspension systems to include 1991 to 2017 Dyna models.

Arnott's completely redesigned line of TruAIR motorcycle air suspension kits are available in two options, their 'Ultimate Ride' and 'Smooth Ride' kits. Arnott's 'Ultimate Ride' kits for the Dyna feature two nitrogen charged FOX shock absorbers with optional rebound control knobs. Custom-designed for the Dyna, they replace the OE shocks on Dynas, including the Street Bob, Low Rider, Fat Bob and Wide Glide, "providing the rider with superior control, ride comfort and height adjustability."

Arnott's patent-pending design adds a rugged Goodyear air spring, "ensuring superior ride quality, and durability." Arnott pairs the shocks with a small but powerful compressor, application-specific mounting bracket, and air distribution valve block, which includes a muffler to control how fast air is released. Available black or chrome.

Arnott's 'Smooth Ride' kits for the '91-'17 Dynas are "an excellent replacement for stock shocks, offering up to 2.25 inches of height adjustability while helping smooth out bumps and reducing painful bottoming."

Custom-designed to provide "height control, comfort and great looks," Arnott's "affordable 'Smooth Ride' kit offers a "crisp, sporty ride, plus the luxury of inflating or deflating the rear shocks with an onboard switch.

"Ideal for shorter riders or those who are looking for a slammed look while parked, 'Smooth Ride' kits for the 2008 to 2017 Dyna offer a full 2.25 inches of travel (2.00 inches on 1991 to 2007 Dynas). Riders can rest flat-footed while stopped or manoeuvring the bike for parking. With a flick of the onboard toggle switch, riders can raise or lower the bike."

The kit includes custom-tuned, high pressure nitrogen-charged dampers, designed to keep the rear tire in constant contact with the road, giving the rider the flexibility of setting the height of the bike's rear suspension based on weight, height, road conditions and preference. Arnott pairs the shocks with their compressor, custom-machined mounting bracket and air distribution valve block with muffler. Also available in black or chrome.

All kits include fused wiring harness and relay assembly, handlebar-mounted inflation switch, all necessary tubing, cable ties, fittings, bolt covers and mounting accessories. "Each shock is custom-crafted and rigorously tested in Arnott's Florida manufacturing facility" and backed by Arnott's Limited Lifetime Warranty.

In early 2017, Arnott was awarded ISO 9001:2008 Management System Certification by ABS Quality Evaluations, an ABS Group Company, and the TÜV Rheinland Product Safety and Quality Certification, "assuring customers and partners in Europe that quality management systems conform to the highest standards." Furthermore, Arnott's products meet GOST ISO 9001-2011 Certification and the EurAsian Conformity (EAC) Mark for Arnott's Quality Management System, which is required for export to Russia, Belarus, Kazakhstan and Armenia.

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

BOOTH# AIMExpo Nationwide 1723

BADLANDS MOTORCYCLE PRODUCTS

Motorcycle lighting modules since 1990.

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

PROUDLY MADE IN THE USA

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

PLUG-N-PLAY!

www.badlandsmotorcycleproducts.com

WWW.FEULINGPARTS.COM 1-866-966-9767

FEULING

BULLETPROOF™ YOUR ENGINE

TIMKEN ARP Reaper

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

ULTIMA®

MANHATTAN

Manhattan Wheels starting @ $399.99

Kool Kat®

Kool Kat® Wheels starting @ $399.99

KingSpoke® Wheels starting @ $239.99

KING SPOKE ULTIMA

Call a Sales Rep for a complete list of wheel sizes up to 26" and matching pulleys & rotors
www.ultimaproducts.com

Distributed Exclusively By:

MIDWEST Motorcycle Supply

Prices Subject To Change

U.S.A. Toll Free: 1-800-325-3914
Local & International: 636-931-3200
Canadian Division: 866-339-3348

S&S M-8 cam install kits

AMD HOT 100 PARTS AND ACCESSORIES

Drag Specialties is offering a large selection of Viola, Wisconsin based manufacturer **S&S Cycle**'s replacement, service and performance upgrade options for Harley's 2017 Milwaukee-Eight engined Tourers.

This chain drive cam installation kit includes everything needed for a successful gear or chain driven cam service and installation, including inner cam bearing, cam cover gasket and O-rings and, for gear driven cam installations, a tensioner block-off plate.

A two-gear set is required for M-8 gear-driven cams that do not come with secondary cam gears – this two-gear set from S&S includes the outer cam drive gear, pinion drive gear and mounting hardware.

Due to the inherent characteristics of gear drives,

increased valve train noise is common with gear driven cams, so S&S has separately available oversized and undersized pinion gears available to help achieve correct gear lash.

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

BOOTH#
AIMExpo Nationwide
S&S Cycle 2260

DRAG Specialties

Shotgun high pipes for '06-up Dynas

"Change the look and sound of your Dyna without breaking the bank," says Tyler Malinky of Brunswick, Ohio based Lowbrow Customs, "with our new, aggressive style and sound Shotgun exhaust pipes."

A direct bolt-on fitment with the included heavy duty mounting bracket and hardware "make this exhaust a snap to add that something extra to your customer's Dyna.

"Whether giving added ground clearance on a scrambler or tracker, or just for high-and-tight style on a rigid or swingarm Dyna, these new Shotgun exhaust pipes make quick work of changing the stock look and sound."

Available in choice of chrome or high-temp black, with mounting brackets in your color of choice, they require use of the existing stock exhaust flanges, are compatible with Lowbrow Customs' cast heat shields and include 02 sensor bungs to accept the stock 02 sensors.

The Dyna may be gone from the Harley offer, but the nearest thing to the legendary FXR will remain popular for years to come with prices for used examples expected to firm up in the coming months.

LOWBROW CUSTOMS
Brunswick, OH, USA
Tel: 885 456 9276
info@lowbrowcustoms.com
www.lowbrowcustoms.com

Genuine JAMES GASKETS®

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

VT air intake covers

These billet aluminum CNC-machined VT air intake covers from Lake Havasu City based manufacturer **Joker Machine** cover the outside of the air filter when replacing the existing air cleaner cover.
They fit over a 5.5" area with an overall outside diameter of 5.75" and ship with all necessary mounting hardware.
Available in finned, smooth, techno and V-fin styles in black, black/silver or chrome for '99-'06 FLHT, FLHR, FLTR and FLHX; 2000 – 2017 FLST, FXST and 1999 – 2017 Dyna models. They fit models with Screamin' Eagle Stage I air cleaner kits, Kuryakyn Street Sleeper II and III air cleaners and Arlen Ness Stage I 'Big Sucker' air cleaners.

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

BDL introduces clutch kits for Rivera Primo drives

AMD HOT 100 PARTS AND ACCESSORIES

Belt Drives Ltd has just released a comprehensive line of replacement clutch plate kits specifically designed for Rivera Primo "Pro Clutch" and belt drive units. There are 14 kits in the series and all are direct replacements for OEM components. Kits feature pre-measured stack height for easy installation and include new friction and steel plates along with new diaphragm clutch spring. All parts are proudly made in the USA.
Belt Drives Ltd, USA, www.beltdrives.com

Ballistic Cycles 'High Caliber' series body kits

Standing out from the crowd is the name of the game for Blue Mounds, Wisconsin based Ballistic Cycles, and their new 'High Caliber' series body kits fit the bill.
Manufactured from high quality fiberglass, this body kit is currently available for '09 and up Touring models. The bags are designed to use the new 2015 lids with latches and are per-drilled with a 6" down and 10" back stretch over stock "for a nice custom look that you can still ride like you

want to ride," says "Chief Ballisto" Tom McNamer.
"The kit is available from the tank back, and we have many fairings to match, in primer, ready for paint. We do a wide variety of custom Bagger parts – it is a crowded marketplace, so we work hard to make sure our iconic parts and accessories turn heads.
"We carry selected products from all the major brands, but it is also manufacturing our own quality Bagger parts that sets us apart – from bags, side covers, chin spoilers and fairings to neck kits, big Bagger wheel assemblies, front and rear fenders, pop on side covers, nacelle and tank kits, and much more. We also offer full service, custom paint and air brushing and ground-up builds."
Tim has been in the motorcycle industry for around 20 years, having turned a lifetime of riding and "school of hard knocks" motorcycle experience into a business at his home workshops in rural Wisconsin. His journey began with "crazy custom Choppers and has evolved to feature award-winning Baggers that have turned the custom touring industry inside out."
Tim continues to build one-off ideas from his award-winning motorcycles Ravenous, Paradigm, Taylor Made and The Gangsta to bikes like the Hubless and Double Hubless. Tim says his mission is simple…"to build the highest quality custom motorcycles, parts and accessories using leading-edge design, highest quality materials and the latest technologies. By continuing to push the boundaries and limits of what is possible, I get to enjoy my work and the results."

BALLISTIC CYCLES
Blue Mounds, Wisconsin, USA
Tl: 608 437 1556
www.ballisticcycles.com

AVON Performance grips
Kingwood, TX
(800)334-7477
"A true breakthrough for motorcycle grip comfort & performance"
MEMORY FOAM FOR YOUR HANDS.

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

M-8 cams from Andrews, Vance & Hines 'Mini-Grenades' and more

Dutch distributor Motorcycle Storehouse has the latest versions of Vance & Hines' 2-into-1 'Grenades' - their 'Mini-Grenades' are a minimalistic "lean and mean" design version of their full size 'Grenades'

that "discreetly suggest "a brute, basic and powerful visual message with an aggressive and deep sound to match."

Complete with a 4" 3-step muffler body, 2-1/4" heat pipe heat shields and 1-3/4" head pipes, they are available in chrome or matt black with race-inspired CNC-machined end caps and compatible with both mid and forward control models.

Their "muscular compact stance" make them "one tough Sportster exhaust system." With an optional quiet baffle available, they fit 2004 - 2017 Sportster models with forward and mid-controls.

Canvas is probably the most widely used material when it comes to extreme durability, but the material has hundreds of years of pedigree in military applications. These new saddlebags come with an

internal plastic backing plate for structural integrity, which is an important feature in saddlebag use, and they will probably last longer than expected. Available in black or green, 6 or 10 liter capacity, with universal mounting straps included.

These chrome-plated universal sissy bars are manufactured from 9/16" (14.3 mm) round steel bar with the more 'pointed' models including a classic back tilted top. Available in 6.25, 8.75, 9.88 and

11.10" widths in heights from 5.5" to 14.02".

Andrews has four new chain driven cams available for the M-8 touring engines. Their 450 is a bolt-in for stock compression 107" and 114" engines, delivering excellent low-end torque (1000-5500 rpm).

The 460 is a bolt-in all-round cam for stock compression 107" and 114" engines that is also compatible with 117" Big Bore kits with higher compression (1000-5600 rpm).

Andrew's 504 requires high-lift springs and is a mid-range cam for stock 107" and 114" engines – said to be an excellent choice for Big Bore kits with higher compression ratios (1500-5700 rpm). The 520

(which also requires high-lift springs) is recommended for big bore engines and engines with Screamin' Eagle or otherwise modified heads.

MOTORCYCLE STOREHOUSE BV
Bedum, NETHERLANDS
Tel: +31 (0)50 303 9775
info@mcseurope.nl
www.motorcyclestorehouse.com

External ignition kits

BOOTH# AIMExpo Nationwide 2523

Daytona Twin Tec external ignition kits allow the use of an external ignition to help prevent heat related ignition failures by replacing heat sensitive internal nose cone style ignitions. The kit includes the 1007EX ignition module, an OEM style cam position sensor with highly sensitive Hall effect sensor and rotor cup, adapter harness, mounting stand-offs with screws, and a parts bag with a 4-pin male/female connector/pins/sockets along with Packard Weather Pack connectors for single-fire coil and tachometer hook-up.

This ignition is exempt per CARB Executive Order (E.O.) D-641-1. A Daytona Twin Tec single-fire coil and universal spark plug wire kit is available separately and is easily installed with this ignition kit.

Available for all carbureted '70-'99 1340cc Evo and '71-'03 Sportsters.

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

'Classic Thunder' braided cloth spark plug wires

Kirk Van Scoten, owner of Oriskany, New York based Sumax, describes his 100 percent U.S. made 'Classic Thunder' braided cloth spark plug wires as "old school cool with modern technology."

The 7mm black silicone with synthetic jacketing resists heat, oil and abrasion, and a combination Kevlar helically spiral wound core at 350 Ohm per foot resistance delivers greater spark energy, while improving power, idle and fuel efficiency.

Matching black silicone plug boots protect against high exhaust temperatures and double spring locking terminals make for secure vibration-proof connections. The cloth jacket is rated at 450 degrees F.

Kirk says these wires will work on all Harley-Davidsons with point or electronic ignitions. Custom-fit and universal application sets also available. Colors include orange with black tracer, yellow with black and red tracer, black with blue tracer, red with black tracer and gray with brown tracer.

SUMAX
Oriskany, New York, USA
Tel: 315 768 058
info@sumax.com
www.sumax.com

Kuryakyn updates luggage program

XW Arsenal, an airplane carry-on sized roller bag with 2,772 ci capacity

In addition to selling the T-Bags luggage program that MAG sister company Tucker Rocky acquired from founder Terry Lovett in 2012, Somerset, Wisconsin based Kuryakyn launched its own XKursion luggage brand in 2014.

This year Kuryakyn has moved to further strengthen its position in the crowded motorcycle luggage market with updates to the XKursion range and the launch of the 'Momentum' luggage collection – a new "value" program.

Described as having "versatile packing capabilities, hassle-free mounting and rugged utilitarian styling", Kuryakyn describes the Momentum Collection as developed to leverage the trend towards "increased functionality and convenience for today's riders."

Made in UV-rated, weather resistant 1200 denier textile material with a variety of quick-mount designs to offer convenient mounting and removal on virtually any motorcycle, each Momentum bag includes rain covers, integrated external stash pockets, MOLLE modular attachment options of the kind commonly found on tactical and recreational equipment, and low-profile carrying handles.

The first offers in the Momentum value line include the Freeloader duffel bag and Hitchhiker trunk rack bag.

The all-new premium XKursion line-up boasts "improved styling and features - a completely redesigned line-up of bags combining the highest quality materials with advanced storage solutions for virtually any motorcycle or riding style."

Manufactured in durable UV-rated, weather resistant 1680 denier textile material, with "premium thermoformed construction and storage components that offer strength, security and shape retention," range features include laser-cut MOLLE modular attachment points, discreet reflective accents for enhanced visibility, premium lined interiors with multiple pockets/compartments, glove-friendly and weather resistant zippers, ergonomic carrying handles and multiple heavy-duty welded and overmolded mounting D-rings.

The range includes the XW Arsenal, an airplane carry-on sized roller bag with 2,772 ci capacity; the midsize XS Cube with removable base pad for mounting convenience; the XB dispatch backpack; XB Fast Lane throw-over saddlebags and XT Co-Pilot tank bag.

Momentum Freeloader duffel bag - a wide top-roll sealed design "offering easy access to a cavernous main storage compartment," separate bottom zippered compartment and multiple quick-stash pockets (2,375 ci capacity)

Momentum Hitchhiker trunk rack bag – "hands down the most versatile tour trunk rack bag in the business with easily accessible main storage, external bungee storage options and shape retention"

KURYAKYN
Somerset, Wisconsin, USA
Tel: 715 247 5008
salessupport@kuryakyn.com
www.kuryakyn.com

Fast Lane throw-over saddlebags

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

ZODIAC ORIGINAL PARTS & ACCESSORIES

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: zodiac-france@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

SIGN-UP TO THE DIGITAL EDITION TODAY
www.amdmag.com

Wild 1 INC. CHUBBYS
THE ULTIMATE CUSTOM HANDLEBARS
GET A GRIP
OVER 100 STYLES OF HANDLEBARS MADE IN THE USA
EST. 1996
CHUBBYHANDLEBARS.COM
(714) 536-5869

MADE IN AMERICA
BELT DRIVES LTD.

DISTRIBUTOR NETWORK

Australia
Rollies Speed Shop
Tel: 07 3252 2129

Canada
Preston Cycle Products
Tel:(800) 265 2298
Parts Canada/Drag Specialties
Tel:(877) 717 2858

Europe
Custom Chrome Europe
Tel: 0049 (0)6721 4007 0
DÜX Industries
Tel: 0049 (0)40 434037
Parts Europe
Tel: 0049 6501 9695-2000
Motorcycle Storehouse
Tel: 0031 (0)50 3039775

Zodiac International
Tel: 0031 (0)297 288 621

USA
Bikers Choice
Tel: (800) 347 8080
Custom Chrome
Tel: (800) 729 3332
Drag Specialties
Tel: (800) 222 3400
Kustomwerks
Tel: (800) 498 4711
MID-USA
Tel: (800) 527 0501
Tedd Cycle
Tel: (914) 565 2806

www.beltdrives.com
AVAILABLE WORLDWIDE

Barnett Clutches & Cables
DISTRIBUTOR NETWORK

Australia
Rollie's Speed Shop
Tel: 07 3252 2129
Serco Pty Ltd
Tel: 07 382 3283 3

Canada
Power Twins
Tel: 403 250 6611
Parts Canada
Tel: 877-277-7560

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

Netherlands
Motorcycle Storehouse BV
Tel: 0031 (0)50 303 9771
Zodiac International
Tel: 0031 (0)297 28 86 21

New Zealand
Performance Cycle Wholesale
Tel: 0064 (0)9 308 1625

USA
Bikers Choice
Tel: (800) 347 8080
Drag Specialties
Tel: (800) 222 3400
Tec Dist.
Tel: (800) 356 0043

www.barnettclutches.com

DEI DESIGN ENGINEERING, INC.
HEAT & SOUND CONTROL
THE ORIGINAL
TITANIUM EXHAUST WRAP
LF Technology
NOW IN BLACK
DEIpowersports.com 800-264-9472

FEHLING
▲ PROTECTION GUARDS ▲ LUGGAGE CARRIERS
▲ HANDLEBARS ▲ CHROMEPARTS
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 INDEX

This **INDEX** is a complete listing of all the items in this edition. It includes all our advertisers and the product, feature and news items published this month. The **INDEX** will act as a quick reference guide, and will be useful when searching this and other editions either for contact details for a particular company, or for a specific item that has appeared. The **INDEX** appears in every edition of AMD .

THIS MONTH'S ADVERTISERS

AIM Corp (US) Clutches & gear kits 4
AirFX USA, LLC (US) Air suspension kits 14
Arlen Ness Enterprises (US) Parts & accessories 27,36
Arnott Air Suspension (US) Adjustable air suspension kits 35
Avon Grips (US) Memory foam grips....57
Badlands Motorcycle Products (US) Illuminator modules 54
Barnett Clutches & Cables (US) Throttle-by-wire extensions, distributor network 31,61
Brass Balls Cycles (US) Precision machined custom parts....39
Darkhorse Crankworks (US) Crank assembly balancing & rebuilds....53
Davida (UK) Ltd (GB) Helmets 49
Design Engineering Inc (DEI) (US) Titanium exhaust wrap, with LR Technology in black 61
DP Brakes and Clutches North America (US) Brakes & clutches 52
Drag Specialties (US) 3.5" & 4" mufflers 18
Fehling (DE) Parts & accessories 61
Feuling Parts (US) Bulletproof camchest kits 54
Hawg Halters Inc (US) X-26 bolt-on neck rake kit 46
James Gaskets (US) Derby cover gaskets, distributor network 55,60
KB Performance Pistons (US) Performance pistons 52
Kellermann GmbH (DE) Bullet Atto indicator 44
Kibblewhite Precision Machining Inc (US) M-8 valvetrain system 49
Kustom Tech (IT) Parts & accessories....64
Le Pera Enterprises (US) Seats 59
MAG Connection (FR) Distributor 17
Metalsport Wheels (US) Wheels 56
Mid-USA Motorcycle Parts (US) Parts & accessories....7
Midwest Motorcycle Supply (US) Ultima products 54
Motive Media (NL) Bigtwin Bikeshow Dealer Expo 2017 63
Motorcycle Storehouse (NL) Distributor, International sales offices 40-41,60
NAMZ Custom Cycle Products (US) Wiring harnesses & fluid lines....13
National Cycle (US) Windshields & accessories 39
Pingel Enterprise (US) Parts and accessories 12
Renegade Wheels (US) Wheels....44
S&S Cycle (US) 100 hp cam for 2017 H-D models with Milwaukee-Eight engine 23
SBS Friction (DK) SBS brake pads 25
TecMate International (BE) OptiMate products....21
TTS Motorcycles (DE) Rims & wheels 45
Tucker Rocky Distributing (US) Twin Power oil....2
Western Power Sports (US) HardDrive products 15
Wild 1 (US) Custom handlebars 61
Zodiac International (Europe) (NL) Parts & accessories, European offices 5,60

THIS MONTH'S EDITORIAL ITEMS

Accutronix Motorcycle Products (US) Stock-mount custom floorboard options for H-D and Indian 40
All American Wheel (US) Hybrid series Soft Lip wheel blanks....47
Andrews Products (US) Chain driven cams for M-8 available through Motorcycle Storehouse 58
Arlen Ness Enterprises (US) 'Redline' touring slip-ons available through Drag Specialties....43
Arnott Air Suspension (US) Ultimate Ride and Smooth Ride suspension kits for Dyna....53
Ballistic Cycles (US) 'High Caliber' series body kits 57
Ballistic Performance Components (US) 'Evo Power' system options available through Drag Specialties ..38
Barnett Clutches & Cables (US) Billet clutch basket for FL Tourers 43
Belt Drives Ltd (US) Introduces clutch kits for Rivera Primo drives 56
Beza / WindZone (US) Expands line of tools 50
Biker's Choice (US) Distributing Two Brothers Racing exhaust line....14
Biker's Choice (US) Twin Power chain conversion and compensator eliminator kits 51
Cardo Systems (US) Scala Rider Q-solo....42
Cometic Gasket (US) Hot Rod gaskets for the Milwaukee-8....45
Custom Chrome Europe (DE) Greasy Coast gas tanks 34
Custom Chrome Europe (DE) TXT fenders....38
Custom Chrome Europe (DE) Legend Suspensions Aero kits for FLH 42
Custom Dynamics (US) Fairing trim and Mini-Beast air horns available through Drag Specialties 47
Daytona Twin Tec (US) External ignition kits available through Drag Specialties 58
Design Engineering Inc (DEI) (US) Heat management kit for Slingshot....42
DP Brakes and Clutches North America (US) Drag Specialties NVP Product Expo review....30
Drag Specialties (US) Madison NVP Product Expo review....19-31
Drag Specialties (US) TechnoResearch Centurion audio configuration system....37
Drag Specialties (US) Ballistic lightweight 'Evo Power' system options....38
Drag Specialties (US) Arlen Ness 'Redline' touring slip-ons 43
Drag Specialties (US) Custom Dynamics fairing trim and Mini-Beast air horns 47
Drag Specialties (US) Wild 1 'Outlawz' Chubby extra thick bars....50
Drag Specialties (US) S&S M-8 cam install kits 55
Drag Specialties (US) Joker Machine VT air intake covers....56
Drag Specialties (US) Daytona Twin Tec external ignition kits....58
EagleRider Motorcycle Rentals (US) 25th Anniversary 14
Fat Katz (US) 13-gauge Pro-Street and Chopper fenders....43
Fira de Barcelona (ES) Baum Fest, Sept 28 - Oct 1....16
Harley-Davidson Motor Company (US) New models for 2018 1,6-11
Harley-Davidson Motor Company (US) NewsBrief: Takes legal action against counterfeiters 64
Harley-Davidson Motor Company (US) NewsBrief: Third quarter dividend 64
Hawg Halters Inc (US) Bolt-on neck rake kit for 26 inch front wheels 41
Hyperpro Sales (NL) Stock replacement and performance upgrade shocks 47
Indian Motorcycle Company (US) Celebrates Burt Munro's legacy at Bonneville....13
Indian Motorcycle Company (US) Spirit Lake Experience Center....16
Joker Machine (US) VT air intake covers available through Drag Specialties 56
Kibblewhite Precision Machining Inc (US) Valvetrain system for M-8 50
Kuryakyn USA (US) Updated luggage program 59
Legend Suspensions (US) Aero suspension kits available through Custom Chrome Europe 42
Lowbrow Customs (US) Shotgun high pipes for Dynas 55
Medaza Cycles (IE) Bike Feature: 'Road Fever' 32-33
Motonation (MY) AMD World Championship Affiliate Event 16
Motorcycle Storehouse (NL) New product round-up 58
Mupo Sospensioni (IT) Smoothglide upside down forks available through Zodiac 48
National Cycle (US) 80th Anniversary 64
Ohlins Racing (SE) Retro 43 universal fork 37
Performance Machine (US) Vintage styling with crankcase breather system 34
Polaris Industries (US) NewsBrief: Adding to logistics footprint 64
Pro-One Performance (US) Billet LED fender strut turn signal marker lights 38
Ridewright Wheels (US) Fat Daddy wheels available through Zodiac 48
S&S Cycle (US) Slash-cut slip-ons for Touring models 51
S&S Cycle (US) M-8 cam install kits available through Drag Specialties 55
SENA Technologies (US) Bluetooth integrated half-helmet....37
Shinko (JP) 'Reflector' tires available through Zodiac....48
Sumax Cycle Products (US) 'Classic Thunder' braided cloth spark plug wires 58
TAB Performance (US) Buys Resurrection Chopper Gear 14
TechnoResearch (US) Centurion audio system available through Drag Specialties 37
Two Brothers Racing (US) Distributed by Biker's Choice 14
TXT-Customparts (DE) Fenders available through Custom Chrome Europe....38
Vance & Hines (US) Turndown slip-ons 34
Vance & Hines (US) Mini-Grenades available through Motorcycle Storehouse 58
Wild 1 (US) 'Outlawz' Chubby bars available through Drag Specialties 50
Wiseco Piston (US) Drag Specialties NVP Product Expo review 30
Yuasa Battery (US) NewsBrief: Joe Majesky retiring after 47 years....64
Zodiac International (Europe) (NL) Add wheels, USD forks and more 48

BIGTWIN CUSTOM MOTORMAGAZINE PRESENTS

Bikeshow & Expo

3-4-5 NOVEMBER 2017 - EXPO HOUTEN (NL)

Bigtwin

OPEN: FRIDAY 12:00-18:00 H. - SATURDAY 10:00-17:00 H. - SUNDAY 10:00-17:00 H.
INFO: 0031 (0)345 520 709/ 0031 (0)6 51 328 986 - WWW.BIGTWIN.NL

NEWS BRIEFS

Harley-Davidson has approved a cash dividend of $0.365 per share for the third quarter of 2017. The dividend is payable Sept. 22, 2017 to the shareholders of record of the Company's common stock as of Sept. 12, 2017.

After a 47-year career, Joe Majesky is retiring from Yuasa Batteries. He will continue to advise Yuasa in the powersports market as a consultant.

Roseau, Minnesota based Polaris Industries is adding to its logistics resources with a new 14,580 sq ft hangar at Flying Cloud Airport Eden Prairie, Minnesota.

Harley-Davidson has taken legal action against a group of Chinese counterfeiters they allege to be selling fake authorized merchandise online – parts, apparel and jewelry. The action includes a $2m claim for "each and every use of the Harley-Davidson trademarks."

Just as the U.S. Congress passed enabling legislation to place competency for Autonomous Vehicle regulations firmly into the domain of Federal rather than State regulatory frameworks, and in so doing 'green flagging' an easy-in process of introduction of such vehicles in the United States, news had emerged that Yamaha Motor R&D has been trialling "intelligent vehicle technology" for UTV off-road use. Features include a drive-by-wire system and point-to-point navigation sensors.

Harley-Davidson has announced a three-year shirt sponsorship of hometown NBA side the Milwaukee Bucks.

National Cycle Celebrates Eighty Years of Motorcycle Accessory Innovation and Leadership

In 1937 a certain Gordon Willey, a passionate aviator from Illinois, decided to quit a secure job with Railway Express Agency and to start a motorcycle accessory venture in the depths of the Great Depression.

With creativity, inventiveness and perseverance, he developed new designs and patents in rearview mirrors, fender tips, saddlebags and motorcycle windshields. Gordon's business, known then as The Nation's Cycle Center, evolved and successfully grew into today's National Cycle, of Maywood, Illinois, which this year celebrates the 80th anniversary of Gordon's decision.

Nowadays, National Cycle is known as the international motorcycle industry leader in hardcoated polycarbonate windshields, quick release mount systems, multi-adjustable and tilting windshields for UTVs and motorcycles, and is noted for its proprietary Quantum Hardcoating and renowned aeroacoustic VStream windscreen designs.

As the world's leading motorcycle windshield manufacturer, National Cycle celebrates 2017 under the ownership of the second generation of the Willey family. It's rare for a company to survive that long in a highly competitive marketplace, and this strength and success is determined not only by the products it makes and the customer loyalty it has earned, but by its contribution to the advancement of design and manufacturing technology. The company's innovation has determined today's product categories and inspired modern motorcycle design, from its patented cone-back mirror that still shapes how motorcycle rearview mirrors are made today, to hardcoated polycarbonate windshields that have influenced every OEM manufacturer in the world making two-wheeled and urban mobility vehicles.

Now its VStream windscreens and urban mobility transport are changing the way the industry thinks about the entire concept of powersports windshields, and its aerodynamically tuned replacement windshields are at the forefront of comfort and protection for Harley riders the world over.

www.nationalcycle.com

Founder's son Barry Willey, President/CEO (right) and Sales and Marketing Ann Willey, seen here with former Harley man Jim Graham (left) - recently appointed as National Cycle's Vice President