

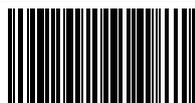
# PARTS EUROPE<sup>®</sup> *Magazine*

SUMMER 2023 ★ VOL. 14, #3



***Casual Styling,  
Serious Defense***

**ICON'S TOUGH, BUT COMFORTABLE RIDING GEAR**



9901-3277

- ★ Parts Europe News
- ★ New Vendors
- ★ Hot Product Features



**PARTS PARTS PARTS** PARTSEUROPE.EU  
UNLIMITED CANADA EUROPE



- 416X WHEELS
- WHEEL SPACERS
- LUG NUTS
- ROOF
- BACK PANEL
- 81.2 CM LIGHT BAR
- 7.6 CM POD LIGHTS
- LOWER DOORS
- NERF BARS
- DOOR BAGS
- SEATS
- 4 POINT HARNESS
- UNIVERSAL JACK ROLL CAGE MOUNT
- FIRE EXTINGUISHER MOUNT
- SPARE BELT HOLDER
- RADIUS ROD PLATE
- SWAY BAR END LINKS
- HEAD LIGHTS
- TAIL LIGHTS
- MIDDLE TAIL LIGHTS
- REAR VIEW MIRROR



- WINCH MOUNT
- 4500LB AGGRO WINCH
- WINCH CUSHION
- 4 POD ROCK LIGHTS
- SIDE MIRROR LED 1.75/2.0
- LIGHT BAR ROCKER SWITCH

# POLARIS RZR XP1000 BUILD



**MOOSE**  
RACING®

**MOOSE**  
UTILITY DIVISION

**Publisher / Editor-in-Chief:** Don Emde · don@emdebooks.com  
**Editor:** Dennis Johnson · dennis@emdebooks.com  
**Art Director:** Morgan Williams  
**Production Manager:** Jen Rose · jen@emdebooks.com  
**Copy Editor:** Tracy Emde  
**Digital Media Manager:** Jeff Emde  
**Contributing Writers:** Kevin Bailey, Beth Dolgner, Don Emde, Zap Espinoza, Ari Henning, Dennis Johnson, Laura Keren, Marilyn Stemp  
**Contributing Photographers:** Fullspectrum Media, Huub Munsters, Laura Keren, Bavo Swijgers

**To our readers:** Editorial space in this publication has been offered on an "advertorial" basis. While we have done our best to check the facts, our readers should be aware that the responsibility for accuracy rests with the manufacturers, vendors or sponsors who provided the information to us. – Publisher.

**Parts Europe Magazine** is published by Don Emde Inc., PO Box 6118, Laguna Niguel, CA 92607 USA. Copyright © 2023 by Don Emde Inc. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage or retrieval system without permission from the publisher. Don Emde Inc. assumes no liability for any material published herein. All statements and information are the responsibility of the authors and sponsors.



**Publishing office:**  
PO Box 6118, Laguna Niguel, CA 92607 USA  
Tel: 949-632-4668  
Web: www.partsmagazineonline.com

**NOTE:** The part numbers included in the product editorials within this issue are singular examples of the available part numbers. Click part number links for full listing of available part numbers, fitments, colorways, sizes, etc., or contact your Parts Europe sales rep.

**DEALERS!** Register today as a Parts Europe dealer for convenient 24/7 online ordering at: [www.partseurope.eu](http://www.partseurope.eu) or call: 0049 (0) 6501 96950

# PARTS EUROPE

Parts Europe GmbH  
Conrad-Röntgen-Strasse 2  
54332 Wasserliesch / Trier Germany

### General Info:

Tel: +49 (0) 6501 / 96 95 0  
Email: [info@partseurope.eu](mailto:info@partseurope.eu)

### Sales info:

Tel: +49 (0) 6501 / 96 95 2000 Fax: +49 (0) 6501 / 96 95 2650  
Email: [sales@partseurope.eu](mailto:sales@partseurope.eu) Web: [www.partseurope.eu](http://www.partseurope.eu)



## ON THE COVER

» 27 **ICON:** *Casual Styling, Serious Defense.* The brand's tough, but comfortable riding gear includes the new (clockwise from left) Airflite Bugoid Blitz helmet, Airform Hippy Dippy helmet, Upstate Canvas jacket, Slabtown WP boot, Patrol3 WP boot, and Carga riding shoe.



## DEPARTMENTS

- » 6 **Welcome Letter**
- » 10 **News & Events**
- » 68 **Parts Department**

## SPECIAL FEATURES

- » 38 **FMF Racing Celebrates 50th Anniversary**

## PRODUCT SHOWCASE

- » 30 **Barnett**
- » 32 **HeinzBikes**
- » 36 **THOR**
- » 40 **Alpinestars**
- » 42 **Avon/Dunlop**
- » 46 **Moose Racing**
- » 48 **Drag Specialties Oil**
- » 50 **Vance & Hines**
- » 51 **TRW**
- » 52 **SW-Motech**
- » 53 **Pro Circuit**
- » 54 **Moose Utility Division**
- » 55 **Cometic**
- » 56 **Cult-Werk**
- » 57 **INTENSE Cycles**
- » 58 **Hogtunes**
- » 59 **Moto-Master**
- » 60 **LIQUI MOLY**
- » 61 **motogadget**
- » 62 **NAMZ**
- » 63 **Vertex Pistons**
- » 64 **Nelson-Rigg**
- » 65 **Müller Motorcycle**
- » 66 **Motion Pro**
- » 67 **Regina Chain**

ICON

# PDX3

POWERED BY

D3O<sup>®</sup>

## PDX3 GLOVE

WEATHER RESISTANT, TESTED & CERTIFIED  
ACCORDING TO EN 13594:2015 KP

## PDX3 JACKET

WEATHER RESISTANT, TESTED & CERTIFIED  
ACCORDING TO EN 17092-4:2020, CLASS A

## PDX3 OVERPANT

WEATHER RESISTANT, TESTED & CERTIFIED  
ACCORDING TO EN 17092-4:2020, CLASS A

**PDX3**  
ALL-WEATHER COLLECTION  
JACKET // PANT // GLOVES

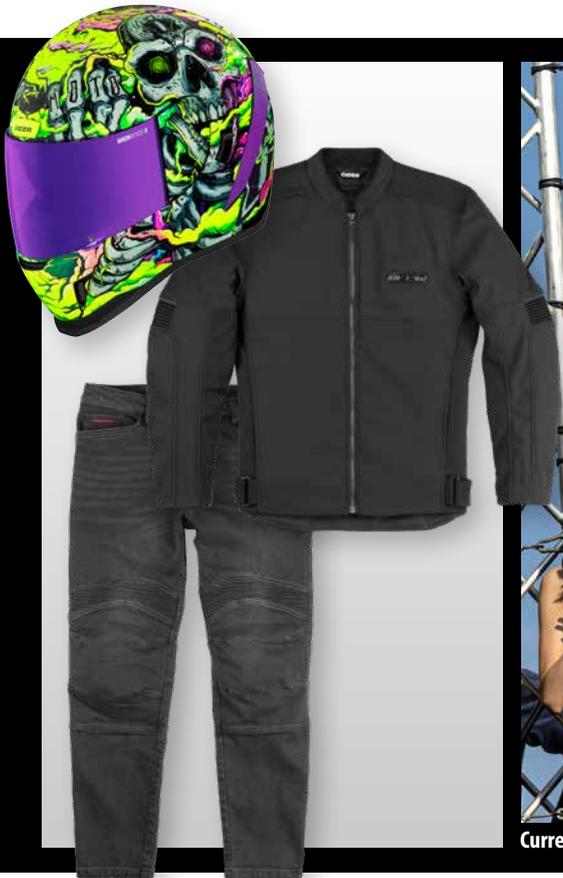
ICON

RIDEICON.COM

PARTS  
EUROPE

# Welcome Summer

BY DON EMDE



Current MXGP points leader Jorge Prado

**I**n this issue, as always, we are featuring one of Parts Europe’s major house brands. Since 2002, ICON has been a motorcycle sportbike apparel brand that has always found ways to blend trend-setting styles with state-of-the-art safety features.

You might wonder how that little product design shop in Portland, Oregon keeps coming up with one great product after another? The answer is simple: They ride. And if you aren’t familiar with the geography of the Northwest corner of the United States, it’s one of the wettest areas of the whole country. But still, they ride, and are continually finding new ways to keep motorcycle riders warmer when it’s cold, and drier when it’s wet.

And what about those safety features? In those early years at ICON, they signed on to outfit Jason Britton, an active stuntman who did sportbike stunts continually for many years. Jason’s motto was “Dress for the Crash,” so obviously the guys at ICON knew they better have gear on him that worked.

Through the years, ICON has found yet another design goal to work into their products: Make products that put up a good defense against

that unforgiving tarmac yet make it stylish enough to wear into a nice restaurant for a lunch or dinner stop.

In addition to the Airflite Bugoid Blitz and Airform Hippy Dippy, two new helmets that glow in the dark, be sure to check out the Slabtown jacket and jeans with armor. Safety built in, with style.

## RACING UPDATE

Plenty going on these days in the racing world. With the MotoGP series now in its summer break, fans will be thinking all about those last three races at Le Mans, France; Sachsenring, Germany; and Assen, Netherlands which all had over 100,000 spectators on hand on the Sunday of each race. Roadracing is alive and well, as is the FIM Motocross world championship series where THOR-sponsored Jorge Prado recently upped his series-leading points lead to over 100 points. Best wishes to all of Parts Europe’s sponsored riders for a safe and successful conclusion to the 2023 season. ■

**Ride Safe!**



Publisher / Editor-in-Chief

YOU WANT  
A **JOB** THAT IS  
**PERFECT**  
FOR YOU?

■ Lavinia – Customer Service Specialist since 2018

- **YOU** are all fired up about Powersports and want to work in an international environment?
- **YOU** are a team player who gives full throttle together with your crew at work?

Then join our **TEAM** as:

- **Customer Service Specialist\*** for the German speaking market
- **Customer Service Specialist\*** for the French speaking market
- **Product Information Administrator\***
- **After Sales Specialist\***
- **Sales Coordinator\***
- **Buyer\***

For more information on these positions and our other current vacancies, please visit [career.partseurope.eu](http://career.partseurope.eu)



\* We value diversity and therefore, we are happy to receive applications – regardless of gender, nationality, ethnic or social background, religion/ideology, disability, age or sexual identity you might have.

**WE  
SUPPORT  
THE SPORT®**

**Parts Europe GmbH**  
Conrad-Röntgen-Straße 2  
54332 Wasserliesch/Trier (Germany)  
Web: [www.career.partseurope.eu](http://www.career.partseurope.eu)  
E-mail: [career@partseurope.eu](mailto:career@partseurope.eu)



**IMPROVE YOUR RIDE WITH  
MORE STORAGE CAPACITY.**

# THE INSTANT



**TACTICAL LUGGAGE**  
RAIN COVER \*INCLUDED



**3515-0198**  
R1300LXE TACTICAL



**3515-0197**  
TR3300DE TACTICAL



**3515-0199**  
TR2300DE TACTICAL



**3516-0271**  
TS1450R TACTICAL



# IT UPGRADABLE!

**TRUSTED SOLUTIONS SINCE 1987.**



**3516-0272**  
TS1620R TACTICAL



**3516-0270**  
TS3200DE TACTICAL



**3515-0202**  
BR3400 TACTICAL



**3501-1364**  
BR4100 TACTICAL



**3515-0200**  
S3500 TACTICAL

## 2023 FIM Motocross World Championship

**THOR'S PRADO HOLDS MASSIVE 101 POINT LEAD** *Bavo Swijgers photos*

**I**n late June, the 2023 FIM Motocross World Championship was 10 rounds into the season, and that lineup of THOR and Moose Racing riders was digging deep at each round in the hunt for wins and points in the long tough fight for victory.

With a season spread across 20 rounds that take the riders to a multitude of tracks (and riding conditions) around the globe, every race results in a new tally of points as those riders edge closer to the grand prize. When we last left off, the riders were country-hopping from Spain to France to Latvia and eventually to Indonesia.

Oh, and there was big news in Indonesia at the MXGP of Sumbawa. Already leading the premier class field with a 64-point advantage, THOR/GASGAS rider **Jorge Prado** left the weekend race with a massive 101-point lead in the championship points tally. That 1-3 performance at the first round of the Indonesian double-header placed Prado at second overall.

Getting to that point was no easy task as Prado had strung together a series of wins and podiums stretching back multiple rounds of racing.

"It was definitely a good weekend for me. I got to win race 1 which was amazing. I keep winning races week in week out which is very positive," Prado said. "I am happy with a 2nd overall and I need to keep racing like that and go riding for the wins."

Meanwhile Moose Racing/Yamaha rider **Calvin Vlaanderen** showed what chipping away at that points run can do by holding strong at number five in the MXGP top 10. In the MX2 class, GASGAS teammate and Prado's fellow THOR rider **Simon Längenfelder** put in a solid performance that kept him in the top 10 of the points run.

Tracing the season backwards it's readily apparent to see how Prado has earned such a dominant lead. At the ninth round of the FIM Motocross World Championship in Teutschenthal, Germany, Prado racked up a perfect tally of 60 championship points going 1-1-1. He hit that trifecta by dominating Saturday's qualifying race, and then repeating the feat in both motos on Sunday. That big performance at the MXGP of Germany was Prado's first back-to-back victory of the season.



THOR/GASGAS rider Jorge Prado showcasing the skills that have had the Spanish rider dominating the podium throughout the first 10 rounds of the FIM Motocross World Championship. As of round 10 at the MXGP of Indonesia, Prado commanded a massive 101-point lead in the points run. *Bavo Swijgers photo*



# EXPLORE WITHOUT LIMITS JUST RIDE.



## GO BEYOND THE ROAD WITH TRAILMAX RAID.

**Trailmax RAID** is the missing link in the Dunlop adventure tyre line-up. It complements today's capable adventure and dual-sport bikes with tyre performance to match. Outstanding traction off-road and strong wet grip on-road are paired to balanced wear enabling both the occasional greenlaner and the demanding explorer to face the most challenging journeys.



Follow us...  /dunlopmoto  @dunlopmoto  @dunlopmoto

Find out more  
or go to [dunlop.eu](http://dunlop.eu)



## Get twisted! NAMZ replacement twist grip sensors

2008 - 2013



2014 & 2015



2016 - Up



These are the only two names you need to remember when it comes to working on your ride. NAMZ & Badlands have all the electrical supplies and lighting modules you will ever need. Proudly made in the USA, our products are trusted worldwide by the industry's finest. So don't waste your time with anything less than the very best.



NAMZ Custom Cycle Products

**PARTS  
EUROPE**

NAMZ / BADLANDS PRODUCTS & ACCESSORIES ARE AVAILABLE IN THE USA & EUROPE FROM PARTS UNLIMITED, DRAG SPECIALTIES & PARTS EUROPE.



It's easy to understand why THOR/GASGAS rider Jorge Prado was all smiles at the MXGP of Indonesia. His 1-3 performance put him at number two overall for the weekend, and catapulted him into a big triple-digit points lead. *Bavo Swijgers photo*

When the whole show arrived in Kegums for the MXGP of Latvia, things were a bit wet and soggy, but that didn't stop Prado from going 2-3 for a second-place overall finish. It was still a strong enough turnout at the series' eighth round to keep him in the points lead at the time – obviously setting a trend there.

Prior to this at round seven for the MXGP of France, Prado simply demonstrated that the long season is a game of numbers. He came into the event with a small points advantage, but left the rutted hard pack track of the Villars-sous-Écot with a sizable gain. He finished race one in the top five, and came back in race two on the podium with a third-place finish. It was enough to stretch his six-point lead going in to a 24-point lead going out.



At the MXGP of Trentino in Italy, THOR/GASGAS rider Jorge Prado had already started laying the groundwork for a strong season of victories and podiums.  
Bavo Swijgers photo



**W** HIGH PERFORMANCE PISTONS  
**Wössner**®  
 RESEARCH & DEVELOPMENT

**MANUFACTURER OF FORGED PISTONS**

**Wössner GmbH**  
 Konrad-Zuse-Str. 2  
 79576 Weil am Rhein  
 Germany

[wossnerpistons.com](http://wossnerpistons.com)  
[woessner-kolben.de](http://woessner-kolben.de)



For further information please contact your Parts Europe sales representative.

**PARTS EUROPE**

At round six at the MXGP of Spain THOR/GASGAS rider Simon Längenfelder absolutely destroyed the field with two massive moto wins to take the MX2 class overall victory. *Bavo Swijgers photo*



The MXGP of Spain proved to be an exciting weekend for the THOR/GASGAS riders. Prado was under some pressure as the home-favorite and gave back to his fans with a strong showing in the qualification race to take pole position. He eventually went on to go 2-3 to stay in the top five overall. His teammate **Mattia Guadagnini** positioned himself well in both MXGP motos and put THOR on the podium in both races with 3-3 finishes.

In the MX2 class, Längenfelder destroyed the field with two impressive moto wins to take the MX2 overall victory. This big win at round six was the second of the German rider's career. The Factory GasGas De Carli rider was untouchable in both races, but nevertheless his final moto hole-shot and victory from start to finish had spectators in awe.

At round five for the MXGP of Portugal, Prado kicked things off in race one with a hole-shot, an advantage he held throughout the moto, nailing each lap and eventually taking victory and taking on



# THE ROAD IS YOURS JUST RIDE!



MOTORRAD	
Test Result	Issue 07/2022
<b>TEST WINNER*</b>	
<b>VERY GOOD</b>	
DUNLOP Roadsmart IV GT 120/70 ZR 17; 180/55 ZR 17	
<small>*Total number of test winners in the test: 2</small>	

## THE ROADSMART IV. EVEN STRONGER FOR LONGER.

With the **RoadSmart IV**, the road is yours – so you're free to just keep on touring. The optimised tread pattern and advanced compounds help you command the road with confidence, even in the wet. Ride stronger, ride longer.



ROADSMART IV

Follow us... [f /dunlopmoto](https://www.facebook.com/dunlopmoto) [@dunlopmoto](https://www.instagram.com/dunlopmoto) [@dunlopmoto](https://www.youtube.com/dunlopmoto)

dunlop.eu



In early April at the MXGP of Italy THOR/GASGAS rider Simon Längenfelder was the fastest man on the track in all weekend in the MX2 class. He grabbed an impressive win on Saturday in the qualification race to gain 10 valuable championship points. In race two, he took the hole-shot and the victory to land in the top 10 overall.  
*Bavo Swijgers photo*

**INDUSTRY LEADER IN  
HIGH PERFORMANCE  
CLUTCH COMPONENTS**



**RIDER'S CHOICE IN  
HIGH PERFORMANCE  
BELT DRIVE SYSTEMS**



**BILLET CALIPERS  
FWD CONTROLS  
FLOORBOARDS  
LINKAGE & MORE**

**PARTS  
EUROPE**

**DRAG  
Specialties**

As of presstime, Moose Racing/Yamaha rider Calvin Vlaanderen showed what chipping away at that points run can do by holding strong at number five in the MXGP top 10. Fullspectrum Media photo



**THE RIGHT PRODUCT  
THE RIGHT FIT  
THE RIGHT PRICE**

Asian & European  
Charging & Starting  
Systems

Lith-ion friendly rec/regs

Hot Shot Vintage Charging Kits

One year replacement warranty



25 valuable championship points. He came away from that weekend number three overall, and still leading the points run.

In early April at the MXGP of Italy in Pietramurata, Prado grabbed the hole-shot in moto one and controlled the race in his usual Prado smooth style without putting a foot wrong and won the race. After another strong showing in moto two, Prado came out with a third-place finish, leaving him at number one over all for the weekend.

In the MX2 class it was Längenfelder who was the fastest man on track all weekend. He grabbed an impressive win on Saturday in the qualification race to gain 10 valuable championship points. After a bit of a rough time in race one, he more than made up for it in race two, taking the hole-shot and the victory.

Finally, back at the MXGP of Switzerland for round three, Prado was laying the groundwork for the points lead he would carry up and through where we're leaving off at presstime. The Spaniard showed just what the THOR riders are made of by proving unbeatable in the qualification races – securing his third qualification race victory and the pole position for the Easter Monday showdown. Ready to impress, Prado earned the victory in race one and a third-place finish in race two, thus foreshadowing his strong showing the past few months.

By the time you're reading this, the group of talented riders will have chased victories and points through four more rounds of racing, hopscoching from the second weekend in Indonesia to the Czech Republic to Belgium and onto Finland. You can next catch them in Uddevalla for the MXGP of Sweden. ■

# Strong in Sardinia

## KARSSEMAKERS TAKES PODIUM POSITION IN EMX250



Husqvarna/THOR rider Kay Karssemakers earned a podium position at the opening round of the EMX250 Championship in Riola Sardo, Sardinia. On the deep sand track Karssemakers took a third overall with a 5-2 in the motos.

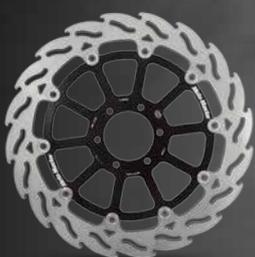
After some tough racing and battling it out in moto one, Karssemakers worked his way up from eighth in the first lap to finish in second place in the second moto.

As of press time and after six rounds of racing, Karssemakers was running second in the championship points run with four more rounds to go for the 2023 season.



# STOPPING POWER

SMOOTH & PREDICTABLE BRAKING ACTION ALLOWS YOU TO BRAKE SAFELY



FLAME BRAKE DISC



HALO BRAKE DISC



BRAKE PADS & PINS



MOTO-MASTER.COM

MADE IN THE NETHERLANDS

PARTS EUROPE

## A Decade of Service

### FOUR PARTS EUROPE EMPLOYEES CELEBRATE 10-YEAR ANNIVERSARY

**P**arts Europe's employees are family and recently, four of the company's dedicated workers celebrated their 10th anniversary. The company is now looking forward to another decade of working together!

The four celebrating a decade with Parts Europe are:

- » **Andrea Strasser**, *Teamlead Receiving, Warehouse*
- » **Sebastian Malmberg**, *Business Analyst, Performance & Project Management*
- » **Michael Duda**, *Online Content Coordinator, Marketing Team*
- » **Matthias Bayer**, *Chief Operating Officer, General Management*

Bayer reflected on his past 10 years in the company. "The last 10 years passed by unbelievable fast," he said. "After working with big multinationals like Lufthansa and UPS, I was looking for a company where employees are not just numbers.

"This is what I have found with Parts Europe and I am very grateful and proud of what we have achieved all together in such a short timeframe," he added. "There is so much great



Parts Europe CEO Hans Lautem (back row, left) and HR/Legal Manager Helga Bödger (back row, right) congratulate the 10-year employees. From left: Andrea Strasser, Sebastian Malmberg, Matthias Bayer and Michael Duda.

opportunities ahead of us and I am looking forward to even more exciting times with such a great team.

*Parts Europe Magazine* congratulates the four on 10 great years with Parts Europe. ■

## Event Report: 24H Des Crapauds 2023

### PARTS EUROPE GOES E-BIKE RACING

**F**or many at Parts Europe, racing is in their blood. However, with the introduction of the INTENSE Tazer MX Pro E-Bike lineup to the company's product lineup, there's a new discipline for them to tackle – eMTB racing.

A team of four members from the Parts Europe Purchasing Team in Wasserliesch took on the 24-hour eMTB race at Les Crapauds, which has been held annually for several years in and around the French village of Rozérieulles, Moselle department. In the race, different classes compete on the same course, and the final ranking of each class is determined based on the number of laps completed per team.

There was a Le Mans start and the competitors had their eMTBs ready for the 450 starters. One note about this race: A team's starter must be dressed up according to the theme of the year. This year, everything revolved around the phrase "vacation." The Parts Europe starter, Charlotte Deharbe, completed the first obligatory dressed-up race lap in a colorful Hawaiian shirt.



Awards ceremony: First place for the Parts Europe Tazer MX Team. From left: Raphael Väth, Dani Ortiz, Almar Boerboom and Charlotte Deharbe.

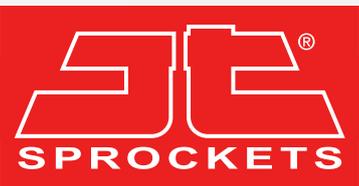
The following 16 km long laps of the 24-hour circuit were completed by the team on the INTENSE Tazer MX Pro eMTBs featured in the Parts Europe portfolio, including parts, accessories and apparel. Dani Ortiz and Raphael Väth

*continued on page 20...*

# RACE LITE

## ALUMINIUM 7075 T6 RACE SPROCKET

Precision CNC machined to JT's uncompromising standards from certified 7075-T6 Ergal aviation grade aluminium alloy, the JT RaceLite sprocket range is designed and engineered to withstand extreme pro-race conditions, providing maximum strength and durability at minimum weight.



JT POWERTRANSFER®

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

JT Sprockets is a product of Bike Alert plc

...continued from page 18

started on the INTENSE Tazer MX Pro Carbon 2023 bikes with white-painted carbon frames, while Charlotte and Almar Boerboom tested the new INTENSE Tazer MX Pro Alloy bikes.

As with all vehicles used in racing, both models of the INTENSE Tazer MX Pro were modified and had some attachments exchanged to optimally adapt the bikes to the requirements of the riders and the track. Learn all about the bikes, parts, accessories and apparel that were used by the Parts Europe team by using this QR code or clicking on [https://bit.ly/LesCrapauds\\_PEmag](https://bit.ly/LesCrapauds_PEmag).



While Charlotte, Almar and Raphael are experienced and enthusiastic mountain bikers, Dani is actually more at home on a motocross bike and uses his own bicycle (without a motor) for endurance training and physical conditioning after work.

It was particularly challenging for him during the training phase when he tested the INTENSE Tazer MX Pro Carbon. "It was my first time trying an eMTB – coming from motocross, I use my bicycle for fitness reasons only between the track weekends," Dani said. "Using the INTENSE Tazer MX Pro was different; it's a bicycle, but due to the double crown front fork and the mullet-style wheels, with a bigger front wheel than the rear, it looks and feels like a motocross bike. Of

course, feeling its weight, at first, you can't imagine going far, but having the three-power mode pedal assist makes you discover new limits for yourself.

"So, every training ride or workout that you do with this bike ends up as a fun day, and it makes you plan the next trip already when you're going home at sunset."

The two mountain bike pros of the group, Charlotte and Almar, often participate in various MTB competitions and endurance runs. Both tested the new INTENSE Tazer MX Pro Alloy in S/M size. They spent six weeks testing/training and covered more 1,000 km on the bike.

"We are both 1.63 m tall, so we needed a shorter stem and handlebar. We installed an e\*thirteen plus stem with a 40mm length, cut the bar to 760mm, and lowered the height of the handlebar. This improved the riding position right away, and cornering was already easier," Charlotte said. "Then we needed to find the right suspension settings. Eventually, because it is an E-Bike, and the weight is significant, we went for +20 psi compared to the recommended air pressure on the front fork and added 1mm of extra preload to the shock spring. This is what worked out perfectly for us."

To get more braking power on the very technical and demanding trails they rode, and with given the length of the 24-hour race, the entire team used the combo of Flame disc and organic brake pads from Moto-Master. It did not disappoint, and the braking was immediately more precise and stronger, perfect for this usage, they reported.

Pirelli eMTB Scorpion tires did a great job and provided excellent traction on the dry and rocky terrains. The team used them tubeless to save some weight, and give the tire more room to work and go over obstacles.

To fine-tune the E-motor, the E-Tube Shimano app was used to adjust the motor settings and make the power delivery smoother. "After these small adjustments, the INTENSE Tazer MX Pro Alloy was a perfect companion from easy trails to the bike park and then to the racetrack. It's an all-rounder," Charlotte added.

The experience of the Almar and Charlotte paid off. Despite some collisions and minor crashes, as well as some technical problems that were quickly solved by Almar, the Parts Europe Tazer MX Team won first place in the Mixed Electric Competition class after a total of 20 laps and 320 km.

Almar and Dani completed seven laps each, Charlotte completed a total of five laps, and Raphael, who competed with tendinitis, was able to contribute to the team's success with almost 50 km despite the pain. "The race and the event around it were super," Raphael said. "Great atmosphere, excellent support from the almost 300 volunteers, and relaxed fellow riders. All four of us would definitely participate again next year."

Parts Europe would like to extend a big thank you to all of its partners who supported the team and congratulations its Tazer MX riders – Charlotte, Almar, Dani and Raphael – for winning first place. ■



The Parts Europe team "box" at the 24 hrs of Les Crapauds, France.



The Parts Europe Tazer MX team, from left: Raphael Väh, Almar Boerboom, Charlotte Deharbe and Dani Ortiz.

# NO BETTER CHOICE FOR A BETTER RIDE

Years of expertise, knowledge and know how. That's what you can rely on when you fit TRW MOTO parts. Giving you the peace of mind to enjoy the ride.

Fit TRW True Originals.



[trwaftermarket.com/nobetterchoiceforabetterride](http://trwaftermarket.com/nobetterchoiceforabetterride)



# BEAT THE DIRT JUST RIDE.

Whether you're an adventurous MX enthusiast looking to push the boundaries or a professional MXGP champion, the **Geomax MX33** lets you really show the dirt track who's boss. Our first off-road tyre designed for soft, mud and intermediate terrains – enjoy more durability, more stable cornering and more grip\*.

**GEOMAX  
MX33**



## Training Weekend in Sweden

### GETTING THE FULL SCOOP IN SURAHAMMAR

**F**ounded as a center for processing iron ore, the Swedish town of Surahammar became a center for education on the last weekend of April earlier this year. To be more precise, the Parts Europe's Scandinavian colleagues organized a very special event for their local dealers. Country Sales Manager Roger Lyrén and his local team opened the gates of the Lyrén Motorsport facility for an interactive training weekend.

Things got underway on the morning of April 29 with the participating V-Twin dealers being welcomed to the former blacksmith facility in the snowy Swedish province with refreshments and initial information. After a brief Parts Europe company presentation and introduction of all the presenters by Roger, the participants were split into two

smaller groups to give each dealer the best possible experience during the seminar.

The Parts Europe team from Scandinavia – Roger Lyrén, Karl Lyrén and Jacob Ekström from Sweden, and Mika Ruusila from Finland – were supported on site by Daniel Steuer (Tech Support Team), Sebastian Malmberg (Business Analyst) and Martin Szlagowski (S&S Manager International Markets). On day two there was motocross gear training, featuring THOR Brand Manager Josh Shorter, who joined via video chat from the US.

The training program for the weekend included product presentations, interactive training sessions, refreshments, and lunch and dinner were all included. As a little extra, there was a live performance by a local band on Saturday



The training room/bar at Lyrén Motorsport facility in Surahammar, Sweden.



Workshop at Lyrén Motorsport facility in Surahammar, Sweden.

*continued on page 24...*

# Upgrade to Yuasa!



- ✓ A global leader
- ✓ The highest OE quality
- ✓ The widest range

- ✓ Complete support
- ✓ A winning team
- ✓ The best online tools



**JAPANESE**  
OE MANUFACTURER  
FOR OVER 100 YEARS

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

+49 (0)2151 82095-00 • [marketing@gs-yuasa.de](mailto:marketing@gs-yuasa.de)



**YUASA**  
**BATTERY**

by **GS YUASA**

...continued from page 22

night. Training continued for the V-Twin community on Sunday morning.

S&S Cycle expert Martin Szlagowski started things with an introduction about himself and the company before moving on to installing a camshaft set and manifold on a bike, urging participation with the dealers as part of the training. He showed and explained the installations using a Harley-

Davidson Softail, which was already prepared by the Lyrén Motorsport team and waiting for him on one of the lifting platforms in the workshop.

Right next to it on the next lift sat a 2020 Harley-Davidson Road Glide Special that was used for the Legend Suspension training session. During the Legend Suspension presentation conducted by Karl, the dealers were also able to lend a hand themselves and were given a detailed explanation of how to optimally adjust the suspension.

Then it was out of the workshop and off to the dyno room for an in-house test bench of the Lyrén Motorsport drag racing company plant. Daniel and Karl presented the Don Performance training session together. Here Daniel explained everything there is to know about mapping with Don Performance – the use of the software as well as everything about setting up and tuning with Don Performance directly on the dyno.

On day one, the mapping was explained and performed on a 2022 Harley-Davidson Street Bob 2022 with a mounted KessTech exhaust system (Euro 5). On day two, Karl and Daniel showed the settings on the test bench using the example of a 2023 Pan America.

Sebastian from the Parts Europe web team trained the participants in the use of the company's web store. Together with Jacob, they explained everything about the topic of returns and showed various examples of this.

Now it was time for the motocross dealers. On Sunday afternoon, the 10 on-site attendees and another five online connected attendees learned everything they needed to know about the new THOR 2024 collection firsthand from THOR Brand Manager Josh Shorter. Josh was connected from California and answered all questions of the Scandinavian dealers.

Finally, the motocross dealers were also brought up to speed and received additional training from Sebastian and Jacob on the webshop and how to handle returns.

All in all, the weekend of training for Scandinavian Parts Europe dealers was a big success! ■



Dyno at Lyrén Motorsport facility in Surahammar, Sweden.



THOR MX Training with Josh Shorter via video chat.

# Take the scenic route

## PREDATOR III SEAT FOR SOFTAIL® LOWRIDER MODELS

The Predator III seat features a 18cm (7") tall driver support with unique styling covered in automotive-grade vinyl. The molded polyurethane foam provides maximum comfort and has a narrow driver's cut for better leg clearance.



0802-1491



0802-1490



0802-1493

Available in Smooth or Double Diamond  
stitch with black, silver or red thread.



Manufactured by  
Drag Specialties in the U.S.A.

**PARTS**  
**EUROPE**  
partseurope.eu

**DRAG**  
Specialties  
seats



# ICON

The scene playing out across ICON's Airflite Bugoid Blitz helmet comes straight off the silver screen. Riders will feel like they're starring in their own low-budget monster movie thanks to the glow-in-the-dark creatures that will light up the night.

## Casual Styling, Serious Defense

TOUGH, BUT COMFORTABLE RIDING GEAR

**R**iders appreciate gear that gives them a strong line of defense against the hazards of the road, but that doesn't mean they want to strut into a restaurant dressed in leathers and motorcycle boots. The trick, then, is to blend casual styling with the host of features riders expect in their motorcycle gear.

ICON is doing just that with its latest round of products. The Slabtown jacket and jeans, Upstate Canvas jacket, Upstate National jacket and Uparmor Covec jeans all look low-key at a glance, but the durable materials and high-tech armor prove that they are sturdy pieces of motorcycle apparel. These new ICON items are also brimming with stretchy material, so the comfort level is top-notch, too.

Along with the apparel, ICON introduced some new helmet graphics in July that are available now. The Airflite

Bugoid Blitz and Airform Hippy Dippy are hardcore helmets with a fun twist – both designs glow in the dark.

The team at ICON knows riders want gear that is versatile, and they should feel as comfortable wearing the gear off the bike as on it. With this latest collection, ICON gives riders exactly that. These pieces look right at home while riding a scooter through the city, ripping through the mountains on a sportbike or taking a day trip on a Touring bike or V-Twin. And, when a rider reaches their destination, they can walk in knowing they won't look at all out of place.

In all, these ICON products give riders both comfort and reliability. The collection is understated in its styling and strong in its lines of defense.

## RIDE CASUAL

The Slabtown jacket (p/n 2820-6248) is incredibly stretchy, which means it is also incredibly comfortable. But don't let that comfort fool you; the jacket is also tested and certified to **EU EN 17092-3:2020**, Class AA, which means it is absolutely tough enough for the streets.

The durable stretch Nylon chassis has 300D polyester internal reinforcements. Additionally, there are D30 LP1 shoulder and elbow impact protectors, and a D30 Viper back impact protector stands guard at the rear.

The casual styling of the Slabtown jacket includes inconspicuous branding and a low-profile mandarin collar. Color options include black, gray and green.

Like the Slabtown jacket, the Slabtown jeans (p/n 2821-1446) feature that incredible combination of comfort, flexibility and durability. This is made possible thanks to Cordura stretch denim, which has been a game-changer when it comes to riding jeans. It allows for the look and comfort of regular jeans but with the excellent abrasion resistance of riding pants. Stretch panels above the knee allow for even more range of movement and plenty of flex when sitting on the bike, so there's no binding.

Inside the Slabtown jeans, D30 Ghost hip and knee impact protectors add another layer between the rider and the road, but thanks to their low-profile design, the armor doesn't look bulky or awkward.



Everyone knows that ICON loves skulls. The Airform Hippy Dippy is another skull graphic from ICON, but with a far-out twist. Psychedelic smoke and bold hues of color help keep things groovy.



The Slabtown jacket exemplifies ICON's casual, yet protective approach to riding gear. It's incredibly stretchy, and features D30 LP1 shoulder and elbow impact protectors, and a D30 Viper back impact protector.



The Slabtown jeans are equally designed for comfort and riding hard. The Cordura stretch denim offers excellent abrasion resistance and D30 Ghost hip and knee impact protectors add further protection.

ICON designed the Uparmor Covec jeans (p/n 2821-1469) to look even more casual than the Slabtown jeans. At a glance, anyone would think these were just regular fashion jeans, right down to the pre-faded touches. The secret to these jeans is the Covec T400 stretch denim they are made from.

Covec is a highly technical fabric that is designed to be strong while still being lightweight. It is great at resisting abrasion, and it can even reduce heat transfer in a high-friction scenario. It goes without saying that, thanks to their light weight and stretch, these jeans are comfortable, too. Hiding underneath the denim are D3O Ghost knee impact protectors.

While most of the new ICON gear is being released in August, the Upstate Canvas jacket (p/n 2820-6236) debuted in the spring. The Upstate National jacket (p/n 2820-6561) is a graphic variation on that design, featuring a black-on-black kanji that loosely translates to "Church of Internal Combustion."

The styling of the Upstate jacket is a popular look, even outside the world of powersports. It's a jacket that resembles a work shirt in its design, and the Upstate's relaxed fit adds to the casual look, all while offering certified confidence for riders. Of course, part of comfort is staying cool, which is why both versions of the jacket have zippered vents in the front, and they can be adjusted for just the right amount of airflow.

Both the Upstate Canvas jacket and Upstate National jacket are made from a strong 400D polyester and cotton stretch canvas. Internal reinforcements in the elbows and shoulders work alongside the D3O LP1 impact protectors to provide a strong layer of defense in vulnerable areas. There is also a D3O Viper back impact protector.



ICON's Upstate Canvas CE jacket offers a relaxed fit and abrasion resistance combined with removable D3O® elbow, shoulder, and back impact protectors.



The Upstate National jacket is a graphic variation on the Upstate Canvas design, featuring a black-on-black kanji that loosely translates to "Church of Internal Combustion."



The Airflite Bugoid Blitz Helmet is ECE22.06 certified, making the durable injection-molded polycarbonate shell as tough as the helmet is comfortable. It features a fog-free Fliteshield and internal DropShield.



ICON's Uparmor Covec are another casual, yet protective, entry in the ICON lineup.

## GO WITH THE GLOW

Of the two new helmets from ICON, the Airflite Bugoid Blitz (p/n 0101-15549) is the one that will have riders feeling like they're starring in their own low-budget monster movie. Whether the creatures depicted on the injection-molded polycarbonate shell are aliens, mutant insects or both, one thing is for certain, everyone will see them coming at night, when they glow in the dark.

ICON's Airflite helmet is ECE22.06 certified, and it comes with an internal DropShield that makes day-to-night riding as easy as flicking a lever. The Airflite Bugoid Blitz arrives with two visors, including a clear Fog-Free Fliteshield and an RST Mirrored ForceShield.

Anyone who is familiar with ICON probably knows how much the brand loves skulls. The Airform Hippy Dippy (p/n 0101-16027) is another skull graphic from ICON, but with a much different look than the usual dark fare. Psychedelic smoke and bold hues of green, purple and pink keep this skull from being grim.

The Airform is also ECE22.06 certified, and the Airform Hippy Dippy comes with a color-coordinated Purple RST Fog-Free Optics shield plus a clear Fog-Free Optics shield. The shields work in tandem with the internal DropShield.

Both the Airflite Bugoid Blitz and Airform Hippy Dippy have a Hydradry comfort liner inside. It helps wick moisture away from the rider's face and head to keep things cool and dry, and when it needs refreshing, it can be removed and washed. ■

» Talk to your Parts Europe rep about all the new helmets and apparel from ICON, and how the company is combining casual styling with the latest in durable materials and armor. You can find all ICON options in the *Helmet & Apparel* and *ICON* catalogs.



# Solid Engagement

## 75 Years of Quality and Service

Dirt Digger Clutch Kits from Barnett are designed to run cooler and last longer, while offering stronger, smoother engagement.



Barnett Clutch Baskets are CNC-machined from 2024 T-3 billet aluminum and hard anodized.



Barnett's replacement Belleville Clutch Spring for select 450 and 500 model KTMs are heavy duty and offer clutch action that is 15 percent stiffer than stock.



**F**ew family-owned-and-operated companies are fortunate enough to celebrate a 75th anniversary. Charlie and Afton Barnett likely had no idea that their small store in Huntington Park, California, USA, would become a major provider of aftermarket clutch and cable components for two wheelers of all varieties – and some four wheelers, too. From classic and vintage machines to modern motorcycles, both street and off-road, Barnett offers applications that fit your customers' machines.

The rigors of off-road are nothing new to Barnett. The company understand the performance requirements of machines driven in extreme circumstances. In fact, for decades Barnett has given racers the edge by providing reliable, direct-replacement upgrades over stock components. That dependability and consistent performance comes from no-compromise engineering driven features and precision machining.

Off-road riders are thoroughly covered by Barnett, with applications for more years, makes and models than we can name. Take their Dirt Digger Clutch Kits, like the one for 2002-2023 Yamaha YZ250 (p/n 1012-540). They're designed to run cooler and last longer, while offering stronger, smoother engagement. Complete kits include friction plates, steel drive plates and springs, and they're available with Series K friction plates. Spring sets are heavy-duty and standard, with the correct quantity included for each model.

Also for the Yamaha YZ250 (1993-2023), Barnett Clutch Baskets (p/n 1132-0420) are CNC-machined from 2024 T-3 billet aluminum and hard anodized. Also addressing durability, the baskets utilize stainless steel drive inserts where the clutch plate tabs make contact. Better still, grade-eight fasteners are used to attach the backing plate.

When a sharper, more vigorous clutch feel is called for, Barnett offers a replacement Belleville Clutch Spring (p/n 1131-3027) for select 450 and 500 model KTMs. These are heavy duty and made from stainless steel. The resulting clutch action is 15 percent stiffer than stock.

The Barnett story is inspiring and the company name is synonymous with high-quality, direct-replacement clutch components and custom cables. Still located in California, the company's modern facility is packed with state-of-the-art manufacturing equipment to produce products that perform with reliability. Now run by the third generation, old-fashioned values of pride in workmanship and stellar customer service prevail, meaning you can recommend Barnett products with confidence. ■

» Talk with your Parts Europe rep for details and learn more in the Off-Road catalog and at [www.partseurope.eu](http://www.partseurope.eu).

EXPERIENCE

PERFORMANCE

RELIABILITY



### KTM HEAVY DUTY BELLEVILLE CLUTCH SPRING

- Available for select 450 and 500cc models
- 15% stiffer than stock



### BILLET PRESSURE PLATES

- CNC precision machined billet aluminum
- Exclusive tempered steel surface
- Guaranteed to never wear out



### PATENTED BILLET CLUTCH BASKETS

- CNC precision machined billet aluminum
- Replaceable stainless steel inserts virtually eliminate grooving
- Increases oil flow for longer clutch life



### DIRT DIGGER CLUTCH KITS

- Designed to run cooler, last longer
- Stronger, smoother engagement
- Includes frictions, steels, and heavy duty springs



**MADE**  
IN THE U.S.A.  
SINCE 1948

### ENGINEERED TO PERFORM

Our line of off-road clutch components have been helping racers win worldwide for decades. Next generation design features and precision machining result in a direct-fit upgrade over stock components with consistent, reliable performance you can count on. Built with passion, driven by performance.

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

**PARTS**  
**EUROPE**  
[www.partseurope.eu](http://www.partseurope.eu)





# From Stock to Sleek

## Small Parts for a Big Change

**T**urning a Harley-Davidson from a stock bike into a sleek custom is as easy as 1, 2, 3 with HeinzBikes. Just three products can get rid of the bulky stock lighting and license plate mount, resulting in a massive transformation in how a bike looks.

With their slim sizes and brilliant illumination, it is no wonder that the NANO Series turn signals for handlebars, NANO Series 3-in-1 rear turn signals and SIDE MOUNT license plate holder are among the top sellers for HeinzBikes.

The NANO Series turn signals for Harley handlebars (p/n 2020-1861) are tiny, but incredibly bright. The LED light itself is smaller than a one-cent coin, and the billet aluminum housing is so small that they are virtually invisible on the handlebars. At least, they are invisible until the lights turn on, and then they are impossible to miss. These turn signals are plug-and-play for easy installation.

of light into a tiny package. This rear signal is so small it can slip easily into a pocket, and yet it provides an incredible punch of light to make sure anyone behind the bike will be able to see it.

Both black and chrome housings are available, and the 3-in-1 option includes the turn signal, running light and brake light. Riders can also opt for a version that is just the turn signal.

HeinzBikes eliminates the need for the cumbersome stock license plate setup with the sleek SIDE MOUNT license plate holder (p/n 2030-1286). The license plate will still be illuminated thanks to a low-profile light built into the slim aluminum housing, which is available in chrome or black. The anti-twist mounting arm makes sure everything stays in place, and the internal wiring channel hides wires from view.

Wow, the difference is that striking. HeinzBikes' NANO Series LED turn signals are tiny, but incredibly bright. They are a marked style improvement over the stock signals, and an upgrade in function.



HeinzBikes offers another notable upgrade over stock with the SIDE MOUNT license plate holder. The plate holder illuminates the plate and comes in chrome or black.

The NANO Series turn signals for handlebars are available in a chrome or black housing. Riders can choose just the turn signal function, or they can opt for turn signal and running light operation.

Riders can give the rear of their Harley the same treatment with the Winglets NANO Series 3-in-1 turn signals (p/n 2020-1864) that mount to the rear fender or fender struts. The Winglets NANO Series lights are a revolutionary product from HeinzBikes, packing an enormous amount

Adding a license plate to the SIDE MOUNT license plate holder is easy thanks to the SLIP-INN opening, which allows the license plate to securely slide into place, so there is no need for screws or glue.

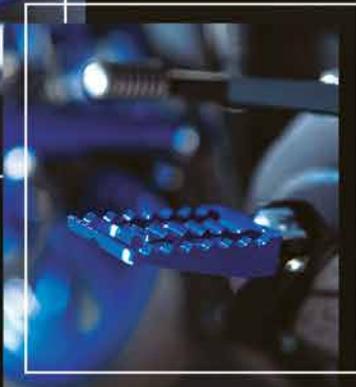
These license plate holders are available in sizes to suit 10 European countries. ■

» *Talk to your Parts Europe rep about HeinzBikes products that turn a stock bike into a sleek custom. You can find these and all HeinzBikes products in the FatBook and at [www.partseurope.eu](http://www.partseurope.eu).*



CLUBSTYLE RISERS

MX FOOTPEGS



ALL-IN-ONE MICRO



CLUBSTYLE CRASH BARS



**“THE BEST  
FITTING PANT  
IN MOTOCROSS.”**

- COOPER WEBB

A handwritten signature in black ink, appearing to read 'C Webb', is positioned below the quote.

**PR1  
ME**

2024 Prime Race Spec sizing.  
Built For Elite Performance.  
[thormx.com](http://thormx.com) | [@thormxofficial](https://twitter.com/thormxofficial)



## RACE SPEC

S I Z I N G

When competing at the professional level, fine tuning can mean a game of millimeters. For elite racers like Cooper Webb, the ideal baseline starts with our Prime Race Spec waistline sizing, featuring both odd and even sizes for a precise fit.

**THOR**<sup>®</sup>  
BUILT FOR THIS.



# Standing Guard

## New-Generation Knee Guards and Goggles



THOR has updated those old school knee guards into a protective product that provides a blend of fit and function. The Sentinel LTD knee guard is built for action and was tested by THOR's range of professional athletes.



THOR's Sentinel LTD knee guards were engineered with a low-profile design that minimizes weight and optimizes fit. A flush mounted hinge design allows natural knee movement that's critical when riding.

**A**s riders continue to push the limits on what is possible on a motorcycle, the need for protection also evolves. Thankfully one of the companies that's been there since the beginning, THOR MX, continues to brainstorm, design and develop cutting-edge protective equipment.

Undebatable gear staples, of course, are items like helmets and boots, but rider preference starts to play more of a factor in other categories. Ironically, when it comes to one of the more vulnerable areas in motocross, knee protection options have long been somewhat limited.

The old days of bulky, clunky knee pads with uncomfortable shapes and unreliable straps thankfully remain in the past. The opposite extreme of this are custom knee braces designed specifically for an individual rider, typically with a previous injury. However, this product does not fit the needs nor budget of the majority of customers walking through dealer doors.

THOR's Sentinel LTD knee guards (p/n 2704-0681) were designed to provide a blend of fit and function that riders and racers of all levels and segments will appreciate.

Combining the mobility and sleekness of a simple pad, with additional function and coverage, these knee guards have been tested and proven by THOR athletes.

The Sentinel LTD knee guards were engineered with a low-profile design that minimizes weight and optimizes fit. Contributing to this is a flush mounted hinge design that follows the anatomical shape of the knee and leg, allowing natural knee movement that's critical when riding.

Acting as the first line of impact protection for Sentinel LTD guards is a co-molded, high-quality plastic chassis lined inside with a lightweight EVA foam liner. Ventilation openings placed strategically for maximized cooling emphasize the comfort factor.

Keeping Sentinel LTD guards secure for the whole ride is quick and easy with an integrated calf sleeve, top closure with adjustable hook-and-loop straps, and silicone inner print in high movement areas. Available in white and black/grey colorways, Sentinel LTD knee guards are bound to be an instant favorite for your customers.

When it comes to eye protection, THOR understands that goggles play a critical role in protection on several levels and have engineered this priority into its Activate and Regiment goggles, and they look good doing it. Customers looking for goggles to match their kit can look to THOR.

THOR designed its Activate goggle (p/n 2601-2794) with premium optical accuracy in a comfortable and durable package. The proprietary technology that plays a role in accomplishing this is THOR's FOV+ lens design, which provides enhanced peripheral vision. With die cut poly-



Activate goggles



Regiment goggles

carbonate construction, Activate lenses are also scratch resistant and anti-fogging to further improve clarity.

Surrounding the lenses is an outrigger, injection molded frame that helps ensure precise goggle fit and placement. It also plays a part in the triple post tear-off system. Moisture management is handled by a ventilation and padding system that allows air to enter the goggle while debossed face fleece promotes moisture dissipation.

Activate goggles wouldn't be true THOR without classic motocross style. Six different colorways are available with mirrored tint and UV protective lenses to complement each one.

Vision performance from THOR is also available when the weather is not cooperating. The Regiment Storm goggle is designed to help riders see the obstacles ahead even when the rain is coming down and the mud is flying.

The Regiment Storm (p/n 2601-2970) features an integrated 45mm roll-off system that provides a strip of clear film securely across the goggle, allowing riders to clear their line of sight with a simple pull of a string. Dimples in the lens help prevent moisture buildup between the film and the lens while an anti-fog and scratch resistant coating maximizes clarity. Adding some value for your customers, these goggles are also supplied with a removeable mud flap and spare roll-off film and tinted lens in the box.

If your customers don't need the roll-off feature, and are looking for quality goggles without breaking the bank,



Regiment Storm goggle

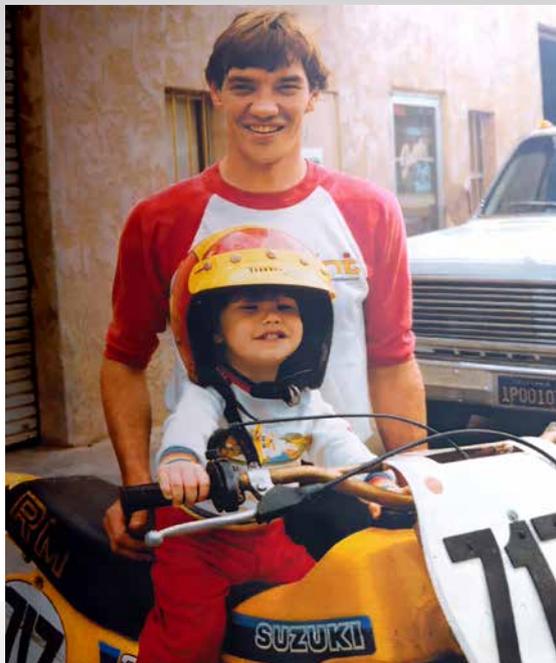
THOR's standard Regiment goggle (p/n 2601-2798) is exactly that. Each of these goggles share the same FOV+ design, triple layer face foam and injection molded frame technology as the Activate goggles, ensuring premium quality across the board. Plus, each of these goggles and their replacement lenses are tested and certified to European standard EN 1938:2010, so you can be confident you're equipping your customers with safe equipment. ■

» For more information and complete offerings from THOR, talk with your Parts Europe rep, check out the Helmet & Apparel and THOR catalogs, and visit [www.partseurope.eu](http://www.partseurope.eu).



# Flying Machine Factory Turns 50

## FMF Celebrates Five Decades of Excellence



FMF Racing's heritage runs deep in the motocross and off-road racing world in the USA, and is growing into a major player in the European market. Here's a pic that represents that rich history: FMF founder Don Emler and his son Donny "Little D" Emler Jr., now the company's Marketing Director.

The man who started it all, Don Emler. Founded 1973, FMF is known the world over not only for producing exhaust systems, but for supporting the sport at all levels.



Photos courtesy of FMF Racing

**B**eyond being a mere exhaust company, FMF Racing is one of the most recognizable emblems in motocross and off-road racing. The glossy red and yellow oval is known the world over to not only produce exhaust systems for dirtbikes, but for supporting the sport – from families and weekenders to the full factory teams in the stadiums. The FMF brand has succeeded in establishing itself as a mainstream symbol for not only engine performance, but passion for the sport and iconic style.

Founded in 1973 by Don Emler in Hawthorne, California, USA, the famous Flying Machine Factory is coming up on its 50th anniversary. After five decades – now proudly joined by his son, Donny Emler Jr. ("Little D" as he's more commonly known) as the Marketing Director – FMF continues to grow its presence in the powersports industry, increasing its footprint in the global market.

Little D joined *Parts Europe Magazine* for a conversation about the FMF Racing legacy, its support of every major off-road series in the U.S. (yes, every single one!) as well as its support of racing in Europe.

**Parts Europe Magazine:** Starting with the current off-road season, we're only halfway through the year and it's already going quite well with a few championships. Talk about FMF's role in supporting racing.

**Little D:** I think the biggest thing in FMF's participation is that it's a lot like Parts Europe...we support the sport. We want to give back to the people who made this company so great, and that's the fans and the people that are out there riding at all the various race series.

It's not just about pro racing for us. It starts from the grassroots, at the amateur level, supporting all the major amateur racing series from Loretta Lynn's to Mammoth to Mini O's in the USA. And then you have the off-road side, which we also sponsor every major off-road series in the U.S. That's probably the biggest part for us. More of the grassroots-style racing.

We really feel like our brand is one that can fit everyone. We want to be known as brand that can be for the family that's going racing out of the back of the pickup truck, not just the guy or gal who's showing up in a semi with

factory support. Although, that is another facet of what we do and we do support the factory-level Supercross/motocross side. But for us, we love to look back at the year and see all the championships that we've won and it really just tells a story of all the series, the athletes, the teams we sponsor and all those forms of racing.

**You'd be hard-pressed to find any one company in the industry that is more actively, passionately involved in supporting racing than FMF.**

I always go back to Parts Europe and that slogan that they've branded – 'We Support the Sport'. I love to hang on the coattails of that claim. FMF is everyone's brand and shares the passion of all things riding off-road.

**FMF is also very grounded in being an American company—American built. Yet you are also growing very quickly in Europe. Tell us about your presence in Europe.**

FMF manufactures everything in our facility in Southern California, and we have very strong beliefs that we love to make things in America. I believe people see that and when they get an FMF product, they know where it's been made, they know where it's been designed and produced.

However, the European market is a very large market for us and we do support a lot of the racing series and race teams there, as well. For us it's great. People want the brand, the product, they want to be part of it. So we just need to do a better job at getting that into people's hands and getting more product to places like Parts Europe so they can get that into places like dealers and ultimately into the riders' hands.

**That's a good problem to have. Are you producing anywhere except for the Rancho Dominguez facility in California?**

We are not. We are a one-stop shop here. My father started in Hawthorne, California, that's where he was born and raised, and from there opened up FMF in Harbor City, California. Now we're about 20 minutes away from the original location here in Rancho Dominguez and it's our one and only facility. It's where we warehouse and ship all over the world as well as manufacture and produce in our 100,000 square-foot manufacturing facility.

**American and European racing, especially in off-road, tends to be a bit compartmentalized, but I've seen some of your win ads in the States celebrating the victories overseas. Do you like the idea of bridging that gap between the two audiences?**

I think ultimately, we need to [bridge that gap]. I think people in America need to know how great the riders are in Europe. I think it's also important, as a brand, that we're global. Obviously, we love American motocross and off-road, but we want to tell a story of how we win, globally, and support the global market.

Winning championships with guys like Billy Bolt (2023 FIM SuperEnduro World Champion) and winning at the MXGP of Latvia with the Nestaan Husqvarna team (Kay De Wolf in the MX2 overall). It's really important to us to tell that story, and if it means advertising here in America to show who we are, that's definitely what we want to do. ■

» *Talk with your Parts Europe rep about FMF's championship-winning range of products, and learn more in the Off-Road catalog and at [www.partseurope.eu](http://www.partseurope.eu).*



Husqvarna rider Billy Bolt counts on that legendary FMF Racing performance as he tackles some of the toughest terrain out there in the 2023 Hard Enduro World Championships.



FMF Racing is involved in racing at all levels, including the popular GNCC series in the U.S. KTM/THOR rider Johnny Girroir knows that FMF's decades of experience is a bonus.

Enduro 21 photos



# Summer Riding Gear

## Warm Weather Shoes and Gloves

**E**very item in the Alpinestars range of riding gear blends great protection and cutting-edge materials to offer an optimal blend of performance and comfort, with many garments engineered specifically for warm weather riding.

The RT-7 Drystar® boot is a protective touring boot engineered for superior comfort, on and off the bike. Using a new sole construction derived from our latest performance shoes, the RT-7 sole unit offers all-day riding and walking comfort. With an efficient and durable lug pattern capable of tackling any terrain, the RT-7 boots also deliver exceptional protection and riding feel, while its compact design allows it to fit effortlessly under any pants.

One of the key elements of the RT-7 (p/n 3404-1670) is its full Drystar membrane for 100 percent guaranteed waterproof performance and breathability, making it an ideal summer riding boot capable of staying dry when the weather breaks.

Other rider-friendly touches include a technical modern upper constructed with an advanced blend of microfiber and synthetic high resistance textile laminated by a seamless PU for enhanced breathability. Alpinestars' integrated Transversal Protection Frame (TPF) protects the foot while delivering the necessary support on the footrest without compromising the front foot flexion for superior walking comfort.

The Chrome Drystar shoes (p/n 3405-3168) are equally considered and are perfect for those urban riders looking for a pair of comfortable, casual and stylish shoes that'll go perfectly with their favorite pair of riding jeans.

These protective and lightweight riding shoes feature an upper combining full grain leather and suede, plus the Alpinestars Drystar shoes waterproof and breathable membrane, and a removable OrthoLite® in-sock for even greater comfort and versatility when the weather gets wet.

Alpinestars' Chrome Drystar shoes are a great option for riders looking for a good protective riding shoe that also looks great while off the bike.



The Alpinestars RT-7 Drystar boot is a protective touring boot that offers great protection and comfort.

The Phenom leather gloves (p/n 3301-4522) are perfect for everyday and weekend riding use – a great short glove that riders on any type of bike will appreciate. Constructed from new, premium, soft goat leather on the palm and top hand, with stretch accordion inserts and stretch fourchettes in between the fingers, the Phenom Gloves provide instant and lasting comfort from the moment the rider puts them on.

The gloves are reinforced on the high impact and abrasion prone zones like the side hand, cuff, and thumb. In addition, hard knuckle protection ensures the Phenom leather gloves provide not only comfort, but premium protection. The Phenom leather gloves offer a refined and discrete look, with unmistakable Alpinestars' DNA, perfect for riders looking for an understated style.

There is also an Air version (p/n 3301-4577) that delivers the same high levels of performance, protection and comfort in a chassis that is optimized for maximum airflow and ventilation. ■

» *Talk with your Parts Europe rep for more details, and check out the Helmet & Apparel catalog and at [www.partseurope.eu](http://www.partseurope.eu).*



**The Phenom leather gloves from Alpinestars are perfect for everyday and weekend riding use – a great short glove that riders on any type of bike will appreciate.**



**The technical Alpinestars Motion Pack 7 (AMP-7) is designed for functionality and for carrying gear. It is equipped with four straps that add extra security to the closure, while simultaneously stabilizing the internal load, allowing the backpack to fit as comfortably and closely to the body as possible.**

## ENGINEERED FOR THE RIDE

### – AMP-7 TECHNICAL BACKPACK

Alpinestars' range of technical backpacks blends great ergonomics and materials that have been designed and engineered to offer optimal comfort, especially over big distances, making them an ideal choice for commuters and tourists.

The technical Alpinestars Motion Pack 7 (AMP-7) is typical of this approach. Designed for functionality and for carrying gear, both on and off the bike, the AMP-7 backpack (p/n 3517-0520) features an overall capacity of 22L. It is constructed from a tech fabric with structured, padded walls and lower body reinforcements to help maintain the bag's shape, as well as full length zippered openings for easy and wide access.

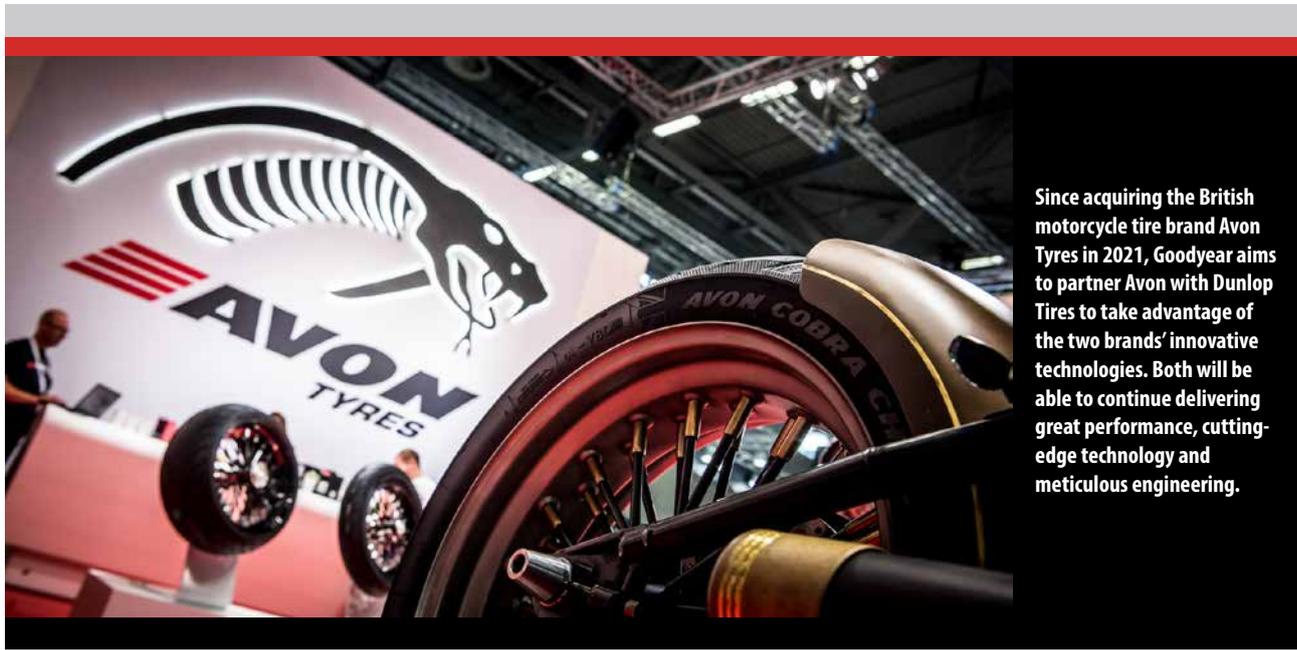
Optimized for rider comfort, the AMP-7 backpack is equipped with four straps that add extra security to the closure, while simultaneously stabilizing the internal load, allowing the backpack to fit as comfortably and closely to the body as possible; this helps to keep the bag as aerodynamic as possible. There are also two main shoulder straps that are ergonomically shaped and padded, with ventilated air holes for breathability and airflow, especially helpful during those long trips. In addition, the AMP-7 also has a packable waist strap, as well as a chest strap with a magnetic buckle to help distribute the pack's load when worn, and to ensure a one-handed quick and easy open and close, even when wearing riding gloves.

Other rider-friendly touches include back panel comfort pads, a quick access front pocket, a quick access external rain cover, internal zippered mesh pockets, and an adjustable position removable inner pouch. There is also a separate padded laptop compartment, and three convenient grab handles – one positioned at the top and one positioned at either side – that make the AMP-7 easy to grab. The handles also provide functional large anchor points for ease of carrying and transport. Together, these features make the AMP-7 backpack an excellent motorcycle travelling companion for carrying all your customers' important gear, and keeping it safe, dry and secure.



# The Avon Acquisition, Explained

## What Dealers Can Expect



Since acquiring the British motorcycle tire brand Avon Tyres in 2021, Goodyear aims to partner Avon with Dunlop Tyres to take advantage of the two brands' innovative technologies. Both will be able to continue delivering great performance, cutting-edge technology and meticulous engineering.

**T**here have been some big changes in the tire industry lately, and many dealers will want to know how it will affect them and whether their customers' favorite tires will still be available. In 2021, the Goodyear group of brands acquired Cooper Tyres, which included the British motorcycle tire brand Avon Tyres. Goodyear already owned Dunlop Tyres, and there will be some shifts to align the two brands going forward.

In fact, Avon motorcycle tire production will be moving to Montluçon, France, where Dunlop is already well established. Many of Dunlop's premium motorcycle tires are developed and made at the Montluçon facility, including top-level racing tires such as the Dunlop Moto2 slicks.

Both Avon and Dunlop motorcycle tires have innovative technologies, and by partnering the two brands, both will be able to continue delivering great performance, cutting-edge technology and meticulous engineering.

The Goodyear acquisition has resulted in some streamlining of the Avon motorcycle tires lineup, with a more focused product offering that includes top-sellers like the Cobra Chrome tires for cruiser and custom bikes and the vintage-styled Touring favorite, the Roadrider MKII tires.

The Avon Cobra Chrome tire (p/n 0306-0676) is an update on Avon's classic Cobra tire. Even the iconic snakeskin design on the sidewall has been retained, but it has been updated for a modern look. The Cobra Chrome tire is designed to provide outstanding longevity as well as excellent handling, even when riding twisty roads. The tread and the compound combine to provide outstanding performance in these categories, as well as excellent water evacuation. Additionally, the Cobra Chrome tires

are robust enough to handle a fully loaded Bagger, complete with luggage and a passenger, with ease.

Avon Roadrider MKII tires (p/n 0306-0871) look right at home on everything from a classic V-Twin to a modern bike. These tires are designed for motorcycles of all ages. The timeless look is paired with the durability and reliability that riders expect from modern motorcycles. The handling is nimble, and the stability is reliable, even in wet conditions. The compound for the Roadrider MKII tires assures that there is plenty of grip as well as solid braking performance in all weather conditions.

Avon will also continue to produce the Spirit ST tires for Sport-Touring and the Streetworker Touring tires. Long-haul enduro and Adventure riders will still be able to mount Avon Trailrider and Trekriders tires before their next tour.

Classic motorcycle owners love the styling and dependability of the Safety Mileage MKII and Speedmaster MKII tires, and they can ride easy knowing those tires will still be in the Avon lineup. The Avon Viper Stryke scooter tires will also continue to be available.

By focusing on these key motorcycle and scooter tire lines from Avon, the brand will dovetail well with Dunlop's range of tires.

"Dunlop and Avon have proud histories and exciting futures," says Ben Hoge, General Manager, Motorcycle Europe, Goodyear. "The ranges are highly complementary and meaningfully differentiated, so this gives us the opportunity to offer a wider selection of tires, with one of the youngest product portfolios in the industry, to the trade and riders alike. As we plan for 2024 and beyond, we will

reveal new product lines, technology upgrades and clear market positioning for both brands.”

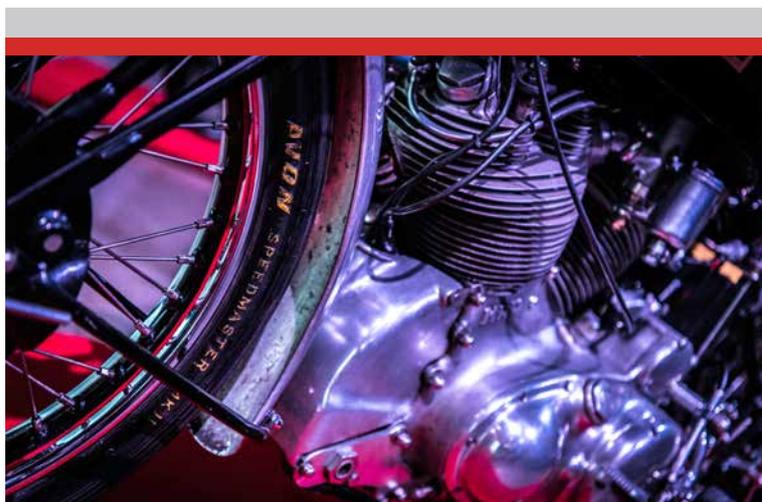
Goodyear is focusing heavily on this complementary relationship between the Avon Tyres and Dunlop motorcycle brands. Because the two brands have different positions in the market, it will be easy to suit a rider’s tire needs. Even in segments where there is overlap between Avon and Dunlop, the Goodyear brand feels that the differences in price positioning make the two motorcycle brands teammates rather than competitors.

The Custom/Cruiser segment is one area in which this complementary overlap can easily be seen and understood. Avon’s Cobra Chrome tires pair with Dunlop options like the D408/D407 and GT502 tires to give cruiser and custom riders a full range of options to suit their riding style and budget.

Dealers will notice that, in addition to streamlining the Avon Tyres product offering, the pricing has been adjusted as well. It is all part of Goodyear’s efforts to ensure Avon motorcycle tires are competitive.

In all, it is likely that Parts Europe dealers will not feel any major effects from the Goodyear acquisition of Avon Motorcycle Tyres. The most popular tire lines are still being produced to the same high standards they always have been. ■

» *Talk to your Parts Europe rep to learn more about Goodyear’s acquisition of Avon Motorcycle Tyres, and how the brand will complement Dunlop now and in the future. You can find all Avon tires in the Tires, Tools & Chemicals catalog and at [www.partseurope.eu](http://www.partseurope.eu).*



The Goodyear acquisition has resulted in streamlining of the Avon motorcycle tires lineup, with a more focused product offering that includes the vintage-styled Touring favorite, the Roadrider MKII tires.



Avon will also continue to produce the Spirit ST tires for Sport-Touring.

Avon’s Cobra Chrome are a great option for the custom/cruiser segment.

Long-haul enduro and Adventure riders will still be able to mount Avon Trekriders tires before their next tour.

# **Kawasaki** **KX450 BIKE BUILD**



PARTSEUROPE.EU

**PARTS PARTS PARTS**  
UNLIMITED CANADA EUROPE

FRONT & REAR INNER TUBES | FRONT & REAR RIM LOCKS | FRONT & REAR COMPLETE WHEELS  
CHAIN GUIDE | DUAL SPROCKET | 520 FB CHAIN | SHARK FIN DISC GUARD | BOLT KIT | WIRELESS HOUR METER  
GAS CAP | MAGNETIC DRAIN PLUG | OIL CAP | CLUTCH COVER | IGNITION COVER | PRE-OILED AIR FILTER  
OIL FILTER COVER | RADIATOR CAP | STEERING STEM NUT | SHIFT LEVER | BRAKE PEDAL | HYBRID FOOTPEGS  
CLUTCH LEVER | BRAKE LEVER | TRIPLE CLAMP | HANDLEBAR MOUNT | RISER KIT | LOCK-ON GRIPS  
FLEX HANDLEBAR | RIBBED SEAT COVER | BLING PACK | CLUTCH COVER | PRO SKID PLATE



**MOOSE**  
RACING®

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



# Off-Road Inspiration

## Customized KX450 Shows the Possibilities



Once again the team at Moose Racing transformed a stock bike into a rolling showcase of the company's parts and accessories. This time a 2023 Kawasaki KX450 got the Moose makeover.

**O**ne of the best ways to inspire customers is to show them what is possible with a customized motorcycle. Moose Racing recently unveiled their second bike build of the year. This time, the company built a 2023 Kawasaki KX450 in an outdoor motocross style.

Most of the aftermarket products added to the KX are Moose Racing parts that customers can buy and put on their own bikes. The team at Moose Racing knows customers have many different reasons for customizing or personalizing their off-road bikes. Some riders simply want to make a big visual impact, while others are going for maximum performance, comfort or even a better fit.

The purpose of this build was simple – make a great-looking bike worthy of a magazine cover. Of course, that didn't stop builder Austin Weaver from adding performance touches, too, like the Pro Circuit TI-6 exhaust system (p/n 1820-1846) with a titanium pipe.

The bright, Kawasaki-green aluminum gas cap (p/n 0703-0832) on top of the KX450 is proof that custom parts do

not have to be big in order to make a big impact. Yes, the gas cap is stronger than an OEM one thanks to its 6062 T6 machined billet aluminum construction, but it also makes a big difference in looks. The eye is drawn right to that pop of color, and the durability is just an added bonus.

While the gas cap is designed for looks and durability, the Moose Racing high-pressure radiator cap (p/n 1903-0017) is all about function. The cap raises the maximum operating pressure of the cooling system, which increases the coolant's boiling point. The result is that a bike can be ridden harder and longer. For a motocross-style build like the KX450, that kind of perk can be the difference between dropping out of a tough race and crossing the finish line.

If the gas cap and radiator cap are small parts that make a big impact, the magnetic drain plug (p/n 0920-0199) is even more impressive. It might be a tiny part, but it can prolong the life of the engine and save riders a lot of money on costly repairs. Because it is magnetic, the plug picks up metal filings that get into the oil system.

In keeping with the “small” theme, it is worth noting that this build was accomplished with a Moose Racing M1 KX/KXF bolt kit (p/n 2401-1570). Every shop that services Kawasaki dirtbikes, and every competitor who races one should have one of these kits on hand. Inside, there are 205 pieces that fit the KX and KXF models. Various bolts, washers, spacers, valve stem parts, chain guide parts, lock nuts, and even an axle nut are all included. Basically, if there is a part that needs to be mounted or replaced, the hardware to do it is in the kit. Moose Racing has bolt kits available for a number of models, and the pieces in the KX/KXF kit will fit a lot of other Kawasaki off-road bikes, too.

For riders who want to stay on schedule with maintenance, the Moose Racing wireless hour meter (p/n 2212-0426) automatically starts and stops by sensing when the engine is running. No wiring is required, and the unit adheres in place with tape or screws.

Moose Racing lock-on grips (p/n 0630-2536) install in seconds, and then they stay firmly in place. The lock-on system utilizes an Allen-head mounting bracket, and the design means there is no need to use grip glue or wire. The grip will not slip under any riding conditions.

Lower down on the KX450, Moose Racing paired a forged shift lever in Kawasaki green (p/n 1602-1103) with hybrid footpegs (p/n 1620-0779). Moose Racing teamed up with Hammerhead for the shift lever, which is made from aircraft-grade 6061 aluminum and anodized in a matte finish with a UV protectant, which ensures the color lasts.

Each hybrid footpeg is cast, heat treated and hardened from 17-4 stainless steel, followed by age hardening for superior strength. The slightly convex surface and dual-plane teeth design create the right positioning and grip.

For the drivetrain, Moose Racing installed a dual sprocket (p/n 1210-1494) made with an aluminum inner ring and a heavy-duty steel outer ring. This combination provides lighter weight while still retaining strength. There is also an M1 chain guide (p/n 1231-1057) that adds a pop of green. The main body is made from 6061 T6 aluminum, and the design helps prevent mud and debris buildup on the chain.

Under the Michelin tires, Moose Racing Heavy Duty Inner Tubes resist pinch flats. These sturdy, high-quality tubes are manufactured in Europe, and they are ideal for off-road and motocross. ■

» Learn more about the customized Moose Racing Kawasaki KX450 and all the parts your customers can use for their own bikes by talking to your Parts Europe rep. Find all the parts in the Off-Road catalog and at [www.partseurope.eu](http://www.partseurope.eu).



Out back, the Kawi got a Moose Racing dual sprocket, Shark Fin disc guard and RFX rotor.



Moose Racing also supplied the upgraded foot controls, including shift lever, brake pedal, hybrid footpegs. Details count on this bike, and this one has them down pat.



Green is the theme on this bike and it shows in details like that Moose Racing gas cap and Bling Pack of matching bits and pieces.



# American Bikes, European Oil

V-Twin Oils Developed & Manufactured in Europe



Parts Europe now carries a range of Drag Specialties oils produced in Europe for Europe that meets all European regulations. Size and storage options include everything from 1-liter bottles to large drums for busy dealership service departments.

**S**ome bikes require an extra layer of protection and care when it comes to oil. Drag Specialties oils are expertly formulated for bikes that need additional protection from heat as well as a little help smoothing out shifting and clutching.

To make it even better for Parts Europe customers, there is now a range of Drag Specialties oil produced *in Europe for Europe*, which means it meets all European regulations. In addition to the oil range, Drag Specialties produces transmission and brake fluids that are specially formulated for the needs of V-Twins. Dealers can use these oils and other fluids in their customers' V-Twins with confidence.

Dealers also have two new size and storage options to choose from for this European-made oil. Both the Drag Specialties DS3 Premium Full Synthetic 20W-50 Motorcycle Oil and the Drag Specialties Mineral 20W-50 Motorcycle Oil are available in a 60-liter drum or a 20-liter bag-in-box design. The standard 208-liter drum is also available.

The 60-liter drums are ideal for shops who are servicing a high volume of V-Twins, but not so many as to require the larger drum. The drum reduces waste and ensures there is always a supply of oil on hand. The smaller, 20-liter option features a cardboard box with a plastic bag inside. There is a convenient pour spout on the box, and the design allows easy pouring and measuring with no mess. The box can be stored on a shelf for quick access.

Drag Specialties DS3 Premium Full Synthetic 20W-50 Motorcycle Oil (p/n 3601-0843) is a versatile, high-performance oil that can be used on a Harley-Davidson's engine, transmission and primary drive. The fully synthetic base oils give air-cooled V-Twins the high-temperature protection they need. Drag Specialties formulated this oil with special additives that provide wear protection and extremely good shear stability.

The European-produced Mineral 20W-50 Motorcycle Oil (p/n 3601-0840) also gives engines improved wear protection, shear stability and thermal resistance. This mineral oil is a great choice for Harleys, and it is a convenient option for shops since it is available in the 208-liter, 60-liter and 20-liter sizes.

For V-Twins that require a premium, high-performance oil, Drag Specialties also offers 15W-50 (p/n 3601-0844) and 15W-60 (p/n 3601-0845) Premium Synthetic oils. The 15W-50 was specifically developed to expertly handle the high torque of the Harley-Davidson Revolution-Max engines. ■

» *Talk to your Parts Europe rep to learn more about the new Drag Specialties oils that are developed and manufactured in Europe. Find all of them in the Tires, Tools & Chemicals catalog, the mid-year Update and at [www.partseurope.eu](http://www.partseurope.eu).*

# MAKE YOUR MARK.



Road Warrior Fairing w/ a 9" vented windshield  
on @theinfinityda's Iron 883.

MADE IN MEMPHIS | #ShadyMark

**PARTS**  
**EUROPE**

**Memphis**  
**SHADES**  
MOTORCYCLE FAIRINGS & WINDSHIELDS

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

SHOWN: ROAD WARRIOR FAIRING 2330-0193, TRIGGER-LOCK MOUNTING KIT 2320-0214,  
HEADLIGHT EXTENSION BLOCK 2001-1831 AND 9" VENTED DARK BLACK SMOKE WINDSHIELD 2350-0458



# Programming Performance

## Next-Generation V-Twin Engine Tuning



Vance & Hines' FP4 is the latest generation of Fuelpak tuning products designed to provide riders with an entirely new level of custom tuning capability. The FP4 is compatible with all stages of engine modifications when using it with HDI (Harley-Davidson International) models.

**O**ld-school days of fine-tuning motorcycle performance consisted of tweaking and testing carburetor settings, changing jet sizes and modifying exhaust systems and air intakes. Some old habits die hard, and intake and exhaust modifications are still very relevant to modern Harley-Davidson performance, but fuel tuning has evolved from turning a screwdriver to editing settings on a smartphone.

Vance & Hines has been pushing the limits of performance through every V-Twin era, and the FP4 engine tuner (p/n 1020-3513) is a result of its engineering prowess. The Vance & Hines team classifies 'stage 1' performance modifications as intake, exhaust and engine management. Complementing its vast lineup of intake and exhaust systems, the FP4 is the latest generation of Fuelpak tuning products designed to provide riders with an entirely new level of custom tuning capability compatible with all stages of engine modifications when using it with HDI (Harley-Davidson International) models.

Supporting 2007 to 2023 Harley machines, the FP4 tuner utilizes Bluetooth connectivity so users can access various functions directly from their phone, including advanced tuning, maintenance logging and troubleshooting, live sensor data, autotune and hands-on customer support.

Flashing an ECU with FP4 is a simple six-step process, transferring the map from Vance & Hines database to the controlling phone and finally to the FP4 module connected to the motorcycle. However, this is just the beginning. With the map installed, users can modify and optimize settings specific to their engine and preference.

Changes include throttle progressivity, deceleration pop, adjusting for aftermarket camshafts and overbore modifications, idle rpm, injector size, speed limiter disabling and rev limiter adjustment. These options allow riders to precisely fine-tune their machines.

These settings only scratch the surface of editability. For customers who want to dive deeper into tuning fuel delivery, the 'Edit Maps' function (exclusive to HDI motorcycles) displays air and fuel settings for front and rear cylinders individually in a detailed chart of rpm and throttle position.

If riders prefer to let Vance & Hines and the tuner do the work, the proprietary AutoTune function uses on-board O2 sensors to rewrite VE tables for each riders' individual riding style and performance modifications, creating a fully optimized tune in as little as two to three short riding sessions of 20-30 minutes each.

Whether during testing phases or with the ideal tune in place, customers can also turn their phone into a real-time data monitor while they ride. They can choose to view everything from rpm and speed to throttle position and O2 voltage, providing a direct method to ensure their bike is running healthy.

The vast capabilities of the FP4 tuner are all backed by Vance & Hines' streamlined customer support menu, allowing users to check for updates, watch informational videos and interact with customer support directly. ■

» *For more information on Vance & Hines products, talk with your Parts Europe rep for details and get more information in the FatBook and at [www.partseurope.eu](http://www.partseurope.eu).*



# Find the Friction

## Complete Braking System Components



ZF Aftermarket offers a complete line of brake components under the TRW brand. The lineup includes everything from high-quality levers to a host of brake pads and rotors for a range of motorcycles and riding styles.



**H**opping up engine performance is one of the most thrilling modifications customers can do to their motorcycles, but bikes also need great brakes. Whether it's a stock or modified machine, ensuring a motorcycle's brakes are in optimal working order is critical for any ride, from commuting to sport riding.

ZF Aftermarket understands the crucial nature of these components and has applied its extensive motorcycle industry experience to offer a complete line of braking components under the TRW brand. Consisting of brake pads, discs, lines, levers and a selection of other accessories, TRW manufactures each of its braking components to deliver quality fit, function and durability.

So, how should a properly functioning braking system feel? Typically, there's a firm pressure point with a relatively shallow pull of the lever, offering a predictable increase in braking power as the riders squeezes further into the pressure. However, these characteristics diminish in older motorcycles or in those with high mileage.

TRW aims to alleviate these concerns beginning with lever operation. TRW adjustable brake levers (p/n 0614-1229) are available for a wide range of applications and allow for more adaptability to different riders' hands, resulting in more precise brake operation.

That squeeze of the lever pushes brake fluid from the master cylinder and through the brake line that leads to the caliper. Many standard lines are rubber which can break down and lead to loss of pressure. TRW steel braided flex lines (p/n 1741-5131) are highly resistant to flexing and built to last for years with strong and consistent operation, offering an upgrade over OEM for many motorcycle models.

Components responsible for the brunt of the braking work are the pads and discs. Friction between the pads and discs create braking power, but also create heat that diminishes that power, resulting in the need for a precise balance.

TRW offers brake pads (p/n 1722-0649) in multiple levels of compounds, from OEM replacement designed for casual cruising to track-worthy controllability. If your customers want the best of both worlds, they can turn to the TRQ (Track Racing Quality) compound (p/n 1721-3193), delivering responsive performance and road worthy longevity in each set of pads.

Quality brake pads would be no good without quality brake discs, which is why TRW offers brake discs for varying applications, from fixed discs (p/n 1710-0966) for off-road and street machines to high-performance, full-floating discs (p/n 1710-4179) ready to serve more serious applications. ■

» For more details talk with your Parts Europe rep and check them out in the Street catalog, and at [www.partseurope.eu](http://www.partseurope.eu).



# Function by Design

## A System for Packing Well

**W**hen you have a system, traveling by motorcycle can be an exercise in efficiency and utility, especially in extreme situations. SW-MOTECH has developed exactly that with its purpose-built SysBag WP line of luggage, a three-bag family that was specifically designed for Adventure and off-road use.

Described as completely waterproof and robust, the line includes three models of side bags that all feature a roll-top closure and overlapping lids held in place by a hefty

Velcro strip for increased protection of contents. It's never fun to wrestle with getting your bags on and off the bike but your customers shouldn't worry, SW-MOTECH thought of that! Model-specific adapter plates (sold separately) allow for easy attachment to the bike simply by lining up the mounting points and clicking the bag into place. Removal is just as easy with a flick of the release button. They can also be strapped directly on to a bike or attached via proprietary or third-party carriers.

In fact, these bags are thoroughly and thoughtfully designed in every way, with attention paid to details such as



SW-MOTECH's SysBag WP luggage line features three different sized bags that are specifically designed for Adventure and off-road use. They are completely waterproof and robust, and all feature a roll-top closure and overlapping lids held in place by a hefty Velcro strip.

Velcro strip for increased protection of contents. SysBags differ in volume with the L model (p/n 3501-1921) holding the most, stepping down to the M (p/n 3501-1920) and the S (p/n 3501-1919).

They're all made from a special TPU material, with the M and S models featuring EVA parts that are thermo-welded, not sewn, making all the difference when it comes to keeping moisture out. The largest bag has buckles placed on the top of the bag to protect them when traversing narrow trails, and the outer edges are covered in a rugged material in case of falls.

All of the bags are pliable, but they have solid bottom panels to stand on their own off the bike. The L model also has four plastic feet on the bottom. They all have inside zipper compartments and light-colored, removable interior bags with positionable dividers, increasing functionality.

red eyelets for attaching cable locks, reinforced handles, reflective material at pivotal places and even Velcro attachments to tuck in strap ends so they don't flap around. SW-MOTECH really did think of everything.

Riders who appreciate the systematic approach will click with the SysBag system which includes bags, adapter plates and side carriers, allowing for retrofitting or expanding existing set-ups. All components are available separately.

Since 1999, "The brand with the red bull" has been rigorously developing luggage for Adventure riders with the hallmarks of inspired design, epic functionality and easy mounting. ■

» *Talk to your Parts Europe rep to learn more and check out the Street catalog and [www.partseurope.eu](http://www.partseurope.eu).*



# Pure Power

## Exhausts for New Husqvarna, KTM Models



Pro Circuit's latest additions to its 4-stroke exhaust system lineup has fitsments and styles various 2023 Husqvarna and KTM 250, 350 and 450 models. The range covers everyone from weekend riders to professionals and other high-level racers.

**W**ith each 'all-new' model released in the world of motocross and off-road motorcycles, they become more precise and technologically advanced. From customizable ECU tuning to advanced suspension, KTM and Husqvarna have been among the manufacturers leading this charge through recent years. Even with OEMs stepping it up, Pro Circuit is always up to the challenge of exceeding performance.

No matter which Pro Circuit product you analyze, it's clear everything that comes out of Mitch Payton's house of power is carefully designed and precision built. Such is true with Pro Circuit's latest additions to its 4-stroke exhaust system lineup, covering various 2023 KTM and Husqvarna 250, 350 and 450 models.

With the Austrian brands' complete revamp of their motocross and off-road machines, the Pro Circuit R&D team quickly got its hands on new models to develop, build and dyno test prototype exhaust systems until landing on the sweet spot that checks all the boxes.

This performance exhaust lineup for the exciting new 2023 platforms consists of a T-6 stainless slip-on, T-6 stainless system, TI-6 titanium system and TI-6 Pro titanium systems. The T-6 stainless slip-on (p/n 1821-2068) from Pro Circuit features a removable spark arrestor and durable, stainless-steel construction throughout the canister and tubing. They cover 2023 250, 350 and 450 4-stroke KTM and Husqvarna motocross and several off-road models as well as the preceding Factory Editions and Rockstar editions. The slip-on is a great option for riders that want an

affordable way to get bolt on performance, functionality and a trick look in one package.

Available for the same models while taking the next step in performance and maintaining ultimate durability are the T-6 stainless steel exhaust systems (p/n 1820-2020). These consist of a complete, three-piece exhaust system consisting of a head pipe, mid-pipe and muffler with a removable spark arrestor. These complete exhaust systems are designed to deliver optimal performance for each specific KTM/Husqvarna engine platform, helping your customers get the most out of their machines. Plus, stainless steel construction provides ultimate durability, making them versatile from off-road to motocross.

Sharing the same design and performance characteristics as the T-6 systems is Pro Circuit's staple exhaust system, the TI-6 (p/n 18202022). These TI-6 systems feature aerospace quality, hand-welded titanium construction throughout the head and mid pipes and muffler canister and are completed with a carbon fiber end cap. Combined, these materials provide substantial weight savings and legendary performance, not to mention a truly factory look.

For the professionals and other racers required to meet FIM sound regulations, Pro Circuit's TI-6 Pro titanium exhaust system (p/n 1820-2027) mirrors the construction, quality and performance of the TI-6, but is built with provisions in the muffler to make sure passing sound tests isn't a worry on a race day. ■

» *Talk with your Parts Europe rep for details and learn more in the Off-Road Update catalog and at [www.partseurope.eu](http://www.partseurope.eu).*



# Staying on Task

## Keeping ATVs and UTVs Efficient

**A**TVs and UTVs are capable of getting a lot of work done, but it is also important to take good care of them to ensure they continue to be reliable. Moose Utility Division helps with both the work and maintenance side of things.

One valuable year-round tool is an ATV spreader (p/n 4503-0057). Whether it's hooked up to an ATV to spread seed and fertilizer in the springtime, or used to distribute ice-melting materials in the winter, the spreader is an efficient and versatile product.

The 12V motor has variable-speed control, and the spread of the material can be adjusted from a narrow 1.52 meters all the way up to 13.72 meters. There is a durable, six-blade stainless steel fan inside the hopper, which can hold up to 65.77kg of material.



Moose Utility Division's ATV spreader can be used to spread seed and fertilizer in the springtime, or to distribute ice-melting materials in the winter.



Moose Utility Division offers Factory-Activated AGM Maintenance-Free Batteries.

A vehicle isn't getting anywhere without a functioning battery, and Moose Utility Division offers Factory-Activated AGM Maintenance-Free Batteries (p/n 2113-0470) that let ATV and UTV riders hit the trail with confidence. These heavy-duty batteries are great for ATV racing, too.

The batteries are designed to expertly resist vibration, so they do not have any problem with the bumps and jumps that come with off-road riding. They are also reliable in extreme weather conditions, so they will perform even on those days when spreading ice melting material is a must.

Pre-filled, spill-proof, sealed and charged, these batteries are truly maintenance free, so riders can easily install them and get back to riding.

Moose Utility Division offers a range of sturdy covers for both ATVs and UTVs. The ATV Dura Covers (p/n 4002-0099), ATV Trailerable Covers (p/n 4002-0102) and UTV Covers (p/n 4002-0103) are all made from UltraMax, a durable polyester material that is incredibly UV resistant, meaning it will not fade or become weak after prolonged sun exposure. The fabric has a water-resistant coating, too. Each cover is constructed with an elastic hem along



Moose Utility Division UTV Covers feature a Perma-vent system to allow airflow. A large zipper on the driver's side allows easy access to the UTV even while the cover is in place.

the bottom for a snug fit on the vehicle, and an included carry bag provides a compact storage solution.

The ATV Dura Cover is perfect for an ATV that is being stored in one place. When an ATV needs to be transported on a trailer, though, the ATV Trailerable Cover is the ideal option. Two heavy-duty straps and side-release buckles adjust to hold the cover firmly in place, and there are four tie-down locations provided for extra security. Both versions of the ATV covers come in XL and XXL sizes.

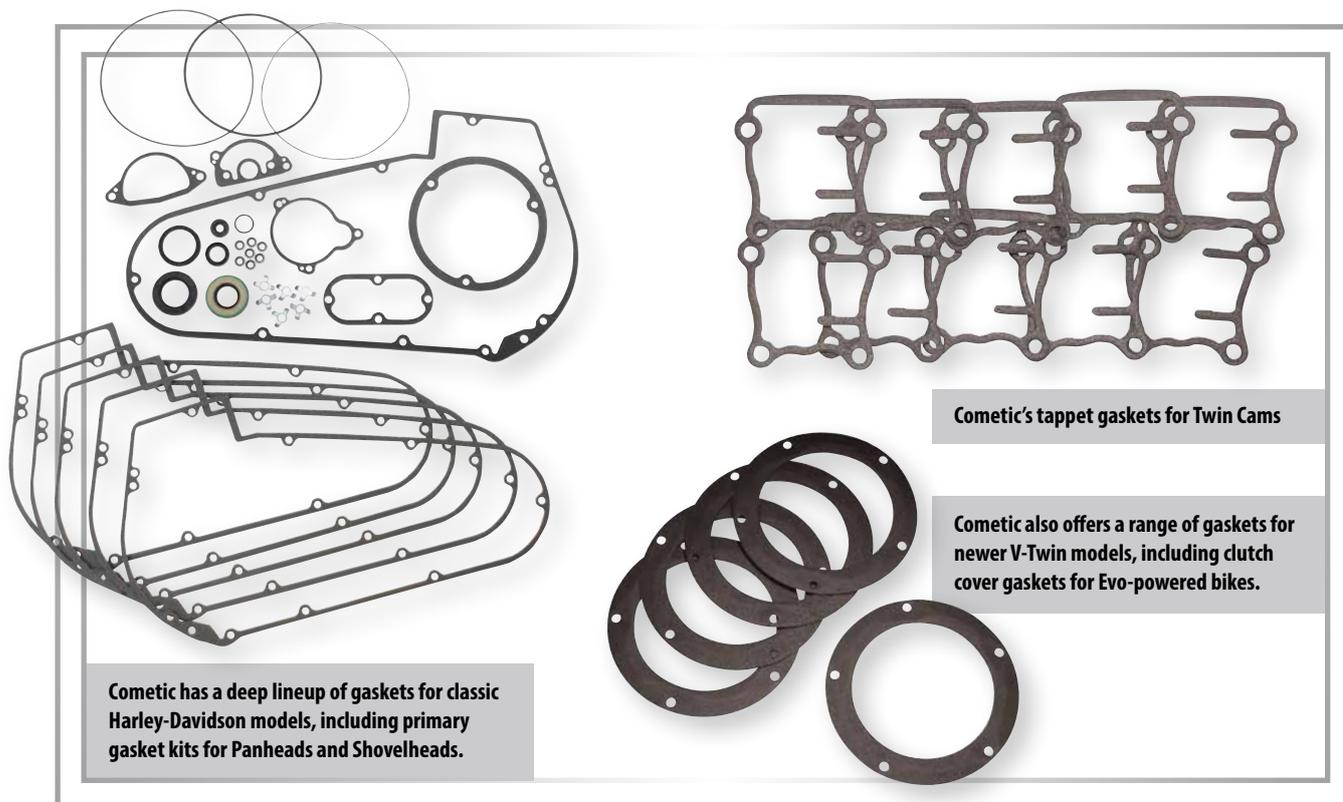
The UTV Covers for two-seater or four-seater UTVs feature a Perma-vent system to allow airflow, so condensation will not build up. A large zipper on the driver's side allows easy access to the UTV even while the cover is in place. ■

» *Talk to your Parts Europe rep about all the ways Moose Utility Division helps ATV and UTV riders get work done and keep their vehicles in great condition. Find all options in the Moose Utility Division and ATV/UTV catalogs, and at [www.partseurope.eu](http://www.partseurope.eu).*



## V-Twins Through Time

### Gaskets for Classics and Modern Bikes



Cometic has a deep lineup of gaskets for classic Harley-Davidson models, including primary gasket kits for Panheads and Shovelheads.

Cometic's tappet gaskets for Twin Cams

Cometic also offers a range of gaskets for newer V-Twin models, including clutch cover gaskets for Evo-powered bikes.

Old and new bikes alike deserve to be treated with the same care and high-quality materials, right down to the gaskets and seals. Cometic makes these products for the latest V-Twin models and always has a focus on cutting-edge technology. At the same time, Cometic is constantly reinventing gaskets and seals for older-model V-Twins, too.

All the same great modern materials Cometic uses on today's models are used to create the retrofitted gaskets and seals for older models like Harley-Davidson Evolution, Ironhead Sportsters, Panheads and Shovelheads.

Old bikes are classics for a reason, but there have been a lot of improvements in materials and technology since they first hit the streets. The newer materials used in modern gaskets and seals are better in every aspect of performance. They have higher temperature ratings, are more forgiving on less than perfect surfaces and require no sealers.

Of course, different types of bikes have different needs, and dealers can rest assured that Cometic uses high-quality, most appropriate materials available for each specific application and the environment in which it must live.

A prime example of this careful material selection can be seen in Cometic's Aluminum Foamette Material gaskets. Simply called "AFM," this material is created by pairing an aluminum core with a compounded nitrile synthetic rubber coating that is bonded to the outside. Absolutely no gasket sealer is required with AFM gaskets.

Available in three different thicknesses (.018-inch, .032-inch and .060-inch), AFM works exceptionally well for all engine cover gaskets. AFM has a temperature resistance of over 205°F/96°C. Additionally, the material has an 85 percent recovery rate and will maintain torque retention. Should disassembly be necessary, the gasket peels right off without any scraping required since there is no sealer.

AFM is used on many of Cometic's engine cover gaskets. It is available in multi-packs of gaskets and in Cometic's variety of gasket kits.

Dealers can take care of Milwaukee-Eight models with products like the Cometic primary gasket kit (p/n 0935-1031) while still offering a complete line of gaskets and seals for bikes dating as far back as 1948. A huge range of gaskets and seals for classic Harleys can be found in the *OldBook*, including products like a primary cover gasket kit for Panheads (p/n 0934-0746) and Shovelheads (p/n 2011-1489).

Products for newer models, like clutch cover gaskets for Evo models (p/n 0934-0788), tappet gaskets for Twin Cams (p/n 0934-1335) and all available gaskets and seals for Milwaukee-Eight models can be found in the *FatBook*. No matter what the year or model is, every single application features the same high quality, attention to detail, and premium materials. ■

» *Talk to your Parts Europe rep to learn more about Cometic gaskets for all ages of Harley-Davidsons. You can find them in both the FatBook, the OldBook and at [www.partseurope.eu](http://www.partseurope.eu).*



# Clean Custom Look

## Parts and Accessories for the Nightster

**A**ny time a new model enters the scene, Cult-Werk is quick to grab the design board to apply its experience and custom vision with body parts and accessories wherever they see potential. When Harley-Davidson's Nightster 975 was introduced in 2022, the company jumped on the latest iteration of the Sportster.

The complete Nightster product lineup from Cult-Werk consists of over twenty different components, but some your customers are sure to be excited about include fork covers, an air filter cover, fenders, a headlight mask, a license plate holder, turn signal brackets and mounting plates, plus a dash cover.

Riders can emphasize a blacked-out front end look in true Nightster style with fork covers from Cult-Werk. Available in upper covers (p/n 0411-0253) only or a complete kit with rubber boots (p/n 0411-0255) as well, these can provide a much sleeker look when the indicators have been relocated.

Customers can relocate or convert their indicators as well with Cult-Werk's front indicator brackets (p/n 2040-3043) and rear signal mounting plates. The front brackets sleekly move the mounting point to the upper fork bridge bolts and the rear mounting plates are ideal for adapting smaller or other aftermarket indicators.

The custom street style continues with Cult-Werk's slotted air filter cover (p/n 1014-0368) designed to fit the original air filter and provide another accent of style. Building on

this style, Cult-Werk offers front (p/n 1401-0964) and rear fenders (p/n 1401-0968) for the Nightster as well.

A staple item from Cult-Werk, riders can choose from a paintable or gloss black finish for their fenders. The front fender provides a clean and cool, bobber-inspired look while the rear fender matches OEM design and mounts up with ease. From custom paint vision to blacked-out accents, Cult-Werk fenders can help transform a bike's look.

Next up in paintable body work options is the NRS style headlight mask (p/n 2001-2681) for the Nightster. Precision designed and manufactured shaping provides a V-Rod / Night Rod style design that accents the performance inspiration that Harley instilled into the Nightster.

Nightster riders will be excited they can reduce the bulk of the original license plate holder with a side plate holder (p/n 2030-2281) from Cult-Werk. Provided with an integrated LED light and all the necessary mounting hardware, these holders are available in several different country-specific sizes constructed of incredibly durable, black powder coated steel.

Rounding out the custom look, Cult-Werk's dash cover (p/n 2201-0258) allows for relocation of the speedometer to an elevated mounting position on the dash and is available in paintable or gloss black finishes as well, so your customers can carry their desired style throughout their machine. ■

» *Talk with your Parts Europe rep for details, and learn more in the FatBook and at [www.partseurope.eu](http://www.partseurope.eu).*



With Cult-Werk's lineup of products, your Harley-Davidson Nightster 975 customers can give their bikes a classic, stylish makeover thanks to parts like the fork cover kits complete with rubber boots.



The custom street style continues with Cult-Werk's slotted air filter cover designed to fit the original air filter and provide another accent of style.



Nightster riders can reduce the bulk of the original license plate holder with a side plate holder from Cult-Werk. They feature integrated LED light and mounting hardware, and are available in several different country-specific sizes.

INTENSE

# Plugging in with Intense E-Bikes

## Two Models Bring Adventure, Fun and Fitness

It used to be that the only way to get that moto feeling was to load up the truck and head off to the track to get some laps in for an all-day affair. No more. Parts Europe is the exclusive distributor for two of the most exciting new E-Bikes to hit the market, the **INTENSE Cycles Tazer MX Pro Alloy** and **Tazer MX Pro Carbon**.

Not just ordinary E-Bikes, these two high-performance entries are from the legendary race winning brand based in Southern California. For over 30 years INTENSE Cycles has won international recognition for its catalog of innovative pedal bikes, and the company has sponsored some of the world's top downhill and enduro racers to help prove the point. Now INTENSE moto-inspired E-Bikes are available through Parts Europe.

E-bikes, of course, provide all the feeling and fitness of riding a bicycle. However, thanks to the convenient pedal assist of the Shimano STEPS EP8 motor and 504 WH and/or 630 WH (depending on the model) battery combo, riders will have three different power modes to provide all the power necessary to enjoy added climbing prowess. Although these bikes don't have a throttle, the pedal-assist powerplant will definitely help maximize saddle time, which is the best way to maximize every off-road adventure.

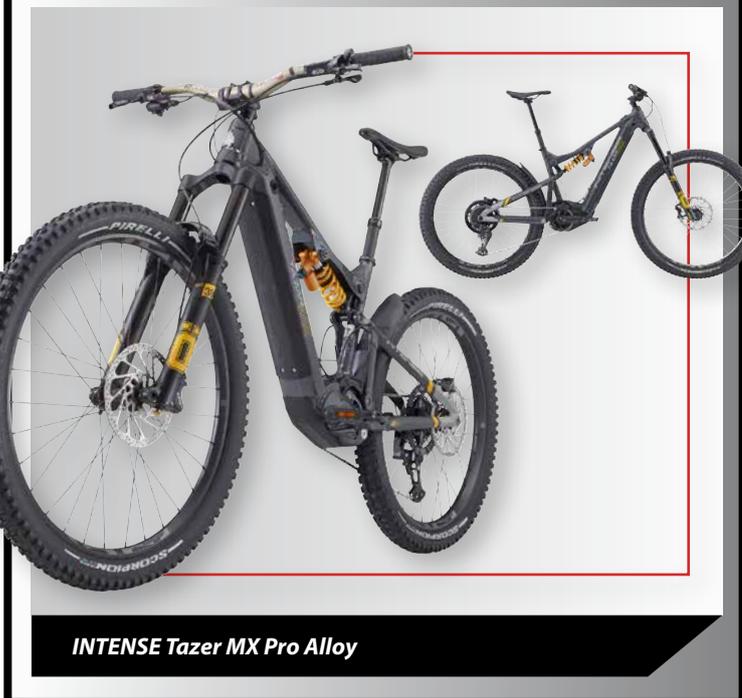
Both the INTENSE Tazer MX Pro Carbon (p/n 4901-0026) and MX Pro Alloy (p/n 4901-0035) bikes feature an assortment of components sourced from some of the most reputable moto brands like Öhlins, Renthal, Magura, and ODI. The bikes roll on a 29-inch front/27.5-inch rear "mullet" wheel package consisting of e\*thirteen aluminum rims wrapped with either Maxxis or Pirelli rubber, depending on the model.

The Tazer MX Pro Carbon has a lightweight carbon fiber frame supported by an Öhlins suspension package consisting of a 170mm travel, double crown air fork and a 155mm travel coil spring shock with a full range of high/low speed compression adjustment and rebound adjustment. In addition to the Shimano powerplant, riders will have the added assist of a 12-speed transmission at their fingertips. Slowing the Pro down are a pair of hydraulic Magura 4-piston disc brakes with 203mm rotors. MX Pro Carbon riders have ready access to all the needed motor spec via a Bluetooth-compatible display unit mounted on the handlebars.

Where the MX Pro Carbon uses a more heavy-duty double crown fork, the MX Pro Alloy uses a single crown Öhlins



INTENSE Tazer MX Pro Carbon



INTENSE Tazer MX Pro Alloy

fork but still with 170mm of travel. In the rear, the alloy frame is suspended by an Öhlins shock with 155mm of travel with the same high/low speed compression adjustment and rebound adjustment as the Tazer MX Pro Carbon. With a combination of the 12-speed TRP drivetrain and hydraulic disc brakes, the MX model is ready to take on any challenge. ■

» Talk with your Parts Europe sales rep for more details and learn more in the 2023 Bicycle catalog and at [www.partseurope.eu](http://www.partseurope.eu).

**HOGTUNES**

Audio Solutions For The Great American Cruiser

# Mexico Memories

## An Epic Adventure-Touring Trip



Hogtunes boss Mike "Pez" Pesdirz and OptiMate's Martin Human partnered up for an epic Adventure ride through Baja California, Mexico.

Anyone who knows Mike "Pez" Pesdirz probably associates him with Harley-Davidsons since he is the mastermind behind the audio company Hogtunes. Like so many of us in this industry, Pez is an avid rider. In addition to loving V-Twins, Pez is also an Adventure and off-road rider and instructor. His most recent trip was a true adventure: a 7-day, 2700km trek through Mexico.

Pez and Martin Human from OptiMate once rode through the Yukon together, so when the two of them heard about a company offering a week-long Adventure trip through Mexico, they jumped at the chance.

Pez upgraded his Yamaha Tenere 700 with key components, like the lighting and suspension. Once it was ready, Pez delivered it to the tour company, Dual Sport Plus, near his home in Canada.

From there, Pez hopped on a plane with Martin to Yuma, Arizona, where the tour company was waiting with the bikes for everyone going on the tour. The group loaded up and headed for the Mexican border.

In all, there were 18 people on the trip. And, Pez says, the experience level and age ranged all over, including a rider who was 76 years old.

That doesn't mean the trip was easy, though. Pez says, "The best memory of the trip is actually the worst memory of the trip! We had the option of going off-road or just taking the asphalt to the hotel. We were told it was 60km, and that it was a 6 out of 10 in terms of difficulty."

Unfortunately, that information was based on a tour group that had traveled the route in 2015, before a massive hurricane tore through the area. Instead of 60km of reasonable terrain, Pez, Martin and the other riders discovered they were in for the ride of their lives.

"Some of the guys who didn't have experience were starting to fall, and the farther we went, the harder it got," Pez says. "We got to a cathedral about 5:30 at night, and someone said it was only 5km to the road, but it turned out to be 26km on some of the hardest off-road I've ever done!"

Riding extremely difficult terrain in the dark sounds like a miserable time, but there's a good reason Pez considers it the best memory of the entire trip. "A lot of things could have gone way wrong. But as I look at it at, we paid for an adventure, and we sure got it!" Pez says. "What could have been the worst memory of the trip wound up being the best, because for as exhausted as everyone was, guess what everyone was talking about at breakfast the next morning!"



The Mexico trip wasn't all two-wheeled fun. The group also had the chance to go whale watching – a popular activity when visiting Baja.



Some of the best moto-trip tales ever told come from moments like this. Yep, even those rough stretches of trail make for mega smiles and laughs later on at the bar.

And, after all, one of the reasons we ride is to have great stories to tell. Pez notes, "The one thing we can't slow down is time, so no matter where you are in the world, get out and do it!" ■

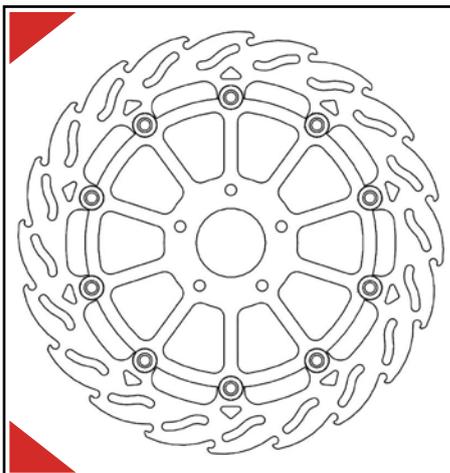
» Talk to your Parts Europe rep about Hogtunes and find the brand's audio products in the FatBook.



# Improved Stopping Power

## Touring and Sport Riding Brake Options

**T**ouring and sport riders can turn to Moto-Master for a complete performance braking upgrade. There are a number of choices when it comes to the disc designs and brake pad compounds available from Moto-Master, allowing riders to get the exact combination of performance and longevity they want for consistent, confident braking.



Moto-Master's Flame Series discs are available in both floating and fixed designs for many models. The unique flame design looks great and offers optimal cooling to keep braking consistent and predictable.

Moto-Master offers three performance discs for Touring and sport models, including the Flame, Halo and Nitro discs. All of them are ideally paired with a set of Moto-Master brake pads.

The Flame Series discs (p/n 1710-3701), available in both floating and fixed designs for many models, are a simple bolt-on upgrade. The unique flame design looks great, but it is about a lot more than style. The design offers optimal cooling to keep braking consistent and predictable. These discs offer smooth operation, even under hard braking.

Moto-Master also gives riders the option of a fixed or floating disc, where applicable, with the Halo Road Series disc (p/n 1710-2354). Both versions feature expertly engineered venting holes, which ensure equal heat dispersion even during those high-temperature braking scenarios. At the same time, the holes constantly and evenly clean the surface of the brake pad to keep the braking performance smooth and consistent.

The floating version of the Halo brake disc pairs the premium-quality stainless steel outer ring with a CNC-machined billet aluminum carrier, which is black anodized for a durable, attractive finish. Moto-Master designed the stainless steel floaters for maximum lightness without sacrificing strength.

Touring and sport riders who want a quality OEM replacement disc can choose the Moto-Master Nitro Road Series disc (p/n 1710-4510), which is available for a wide range of popular models. The outer ring is made from a specially hardened stainless steel that is ground on both sides for optimal performance. It is paired with a black anodized CNC-machined aluminum carrier via stainless steel floaters.

Moto-Master also gives riders choices when it comes to brake pads. By offering different types of compounds, Moto-Master helps riders get the right braking setup to suit their style of riding. The RoadPRO brake pads (p/n 1721-2626) are available in sintered, ceramic and carbon racing compounds.

The sintered front and rear pads are high-performance pads that offer a long life, great initial bite and outstanding cold performance. They resist fade, making them an ideal choice for predictable braking, time after time.

Moto-Master's ceramic brake pads are great for earlier-generation Touring and sport models. They are designed with NRS technology, which provides a constant pressure point through the life cycle of the pad, ensuring long-term consistency.



The Halo brake disc pairs the premium-quality stainless steel outer ring with a CNC-machined billet aluminum carrier, which is black anodized for a durable, attractive finish.

The carbon racing pads are designed exclusively for track use. They have been developed and proven in professional road racing at the highest levels of the sport. ■

» *Talk to your Parts Europe rep to learn more about Moto-Master braking components for Touring and Sport models. You can find all options and fitments in the Street catalog and at [www.partseurope.eu](http://www.partseurope.eu).*



# Instant Chemistry

## Oils and Additives for Street Bikes

**S**ince its founding in 1957, LIQUI MOLY has grown to produce about 4,000 different automotive chemicals, like motor oils, additives, greases, adhesives, cleaners and more. With so many choices available, it is no surprise that LIQUI MOLY has a full range of oils and additives for streetbikes.

When it comes to powersports, that is not all. LIQUI MOLY also has products for scooters, off-road motorcycles and ATVs. All its motor oils and additives are developed and produced in LIQUI MOLY's home country of Germany.

smoother operation and reduced oil and fuel consumption.

Both the Motorbike 4T Bike Additive (p/n 3707-0026) for 4-stroke engines and Motorbike 2T Bike Additive (p/n 3707-0027) for 2-strokes go into the fuel system to remove deposits. These additives prevent corrosion and carburetor icing, and engine performance is improved while fuel consumption is reduced.

The Motorbike Speed Additive (p/n 3707-0030) performs a similar service. Suitable for both 4-stroke and 2-stroke engines, this additive's state-of-the-art formula optimizes



4T Synth 5W-40 Street Race oil

Motorbike Oil Additive

LIQUI MOLY offers Motorbike 4T Bike Additive and Motorbike 2T Bike Additive for 4-strokes and 2-strokes.

Choosing the right oil is a necessity to ensure motorcycles continue to function at their best. When it comes to streetbike oil, riders can be confident knowing the same oil used by all teams in Moto2 and Moto3 is the same oil available for customers. The LIQUI MOLY 4T Synth 5W-40 Street Race oil (p/n 3601-0432) is a high-performance option that has been proven again and again on the racetrack. Other popular LIQUI MOLY oils for streetbikes include the Motorbike 4T 10W-40, 20W-50 and 15W-50 Street options as well as the Motorbike 4T Synth 10W-50 Street Race oil.

While additives are not a must, they can make a significant difference in how well a motorcycle performs, and they can help extend the life of the engine by eliminating common problems. Simply pouring a LIQUI MOLY additive into the oil or fuel can prevent damage and keep a bike running clean.

The LIQUI MOLY Motorbike Oil Additive (p/n 3707-0025) protects the engine from wear, resulting in extended life,

performance. As a bonus, the engine will start easier and run smoother.

While many LIQUI MOLY additives are designed for engines on the go, the Motorbike Gasoline Stabilizer (p/n 3707-0031) is for bikes that sit unused for long periods of time. By adding the stabilizer, the fuel system will not corrode or oxidize. This is an ideal choice for the long winter months or other times that a bike is in storage.

Two of the additives are also available as Motorbike Shooters, including the Motorbike Speed Shooter (p/n 3707-0032) and the Motorbike 4T Shooter (p/n 3709-0002). LIQUI MOLY calls these "energy bars for motorcycles." The compact 80ml size is matched to the volume of a fuel tank. There is no need to do any measuring: simply empty the entire Shooter into the tank. ■

» *Talk to your Parts Europe rep to learn more about LIQUI MOLY oils and additives for street bikes. Find all of it in the Tires, Tools & Chemicals catalog and at [www.parteurope.eu](http://www.parteurope.eu).*

**motogadget**

## Reflections of Style

### Minimalist Design, Universal Fit

**Y**ou might think there are some things that simply can't be improved upon, such as a crisp, clear reflection in a perfectly polished glass mirror. Well, the innovators at motogadget might say otherwise and they have proof.

Based in Berlin, Germany, motogadget is regarded by custom builders the world over for the company's precise research and product development. The company came on the scene with a product they call mo.unit, a digital controller that serves as the heart of the bike's electrical system. Like motogadget's streamlined LED lighting options and line of electrical connectors, it simplified and facilitated the build process, keeping the look tidy and clean.

Those same elements apply to motogadget's series of rimless and glassless mirrors for motorbikes. Yes, that read *glassless*. In a patented process, these mirrors, called mo.view by the company, are CNC-machined from solid aluminum, with the metal itself becoming the reflective surface. This sidesteps the usual process of employing a metal housing that contains glass within a rim.

The reflective area of mo.view mirrors (p/n 0640-1351) is created by applying diamond tools to a convex aluminum surface on ultra-precision machinery. The process shaves away a super-thin layer of metal leaving behind a crystal-clear finish with a miniscule roughness rating. Next, a complex plasma coating is vacuum applied to add state-of-the-art resistance to oxidation, corrosion and abrasion. The result is a super thin and lightweight unit featuring a high optical and distortion-free surface with no housing or frame necessary – and no glass to break!

These mo.view mirrors (p/n 0640-1494) come in six different shapes and multiple attachment options, including bar end, above and below the bar, and both left and right side applications. Mirror arm and mounts are made from machined aluminum and anodized in several finishes to suit a bike's existing style. Clean, elegant design always fits.

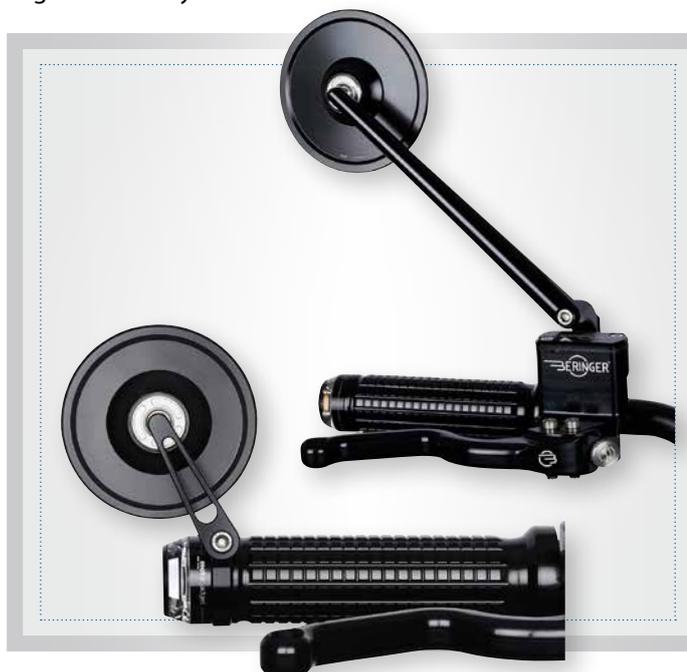


The mo.view mirrors from motogadget are CNC-machined from solid aluminum, with the metal itself becoming the reflective surface.

Along with several arm styles, motogadget came up with another option to consider when garage space is an issue or a bike is often transported: the mo.view flip series. This incorporates the same glassless mirror, but on a pivoting arm that features specific detent positions at 45-degree intervals, allowing the mirror to pivot up and down without changing the angle.

Do-it-yourself customizers and pros alike appreciate quality products that install easily and perform as they're touted. ■

» *Talk with your Parts Europe rep to learn about motogadget's full line up, check out the Street catalog and visit [www.partseurope.eu](http://www.partseurope.eu).*



The mo.view line come in six different shapes and multiple attachment options, including bar end, above and below the bar, and both left and right side applications.



# Throttle it Out

## Twist Grip Sensors for Harley-Davidsons



NAMZ's replacement twist grip sensor units are plug-and-play and are designed to replace the OEM part. They feature a hardwired connection from the sensor to the harness.

**T**wisting the throttle initiates a response in both man and machine, sending adrenaline pumping and the engine revving. However, what seems like an instantaneous feeling is the result of a system of several components. Sometimes this system fails, but reliable replacement electronic and wiring components are readily available from NAMZ to get riders back in the saddle.

The term throttle-by-wire was established when electronic systems began replacing traditional cables. This came for many Harley-Davidson models beginning in 2008, following the adoption of other common electronic systems like fuel injection. A typical throttle-by-wire system from Harley consists of a twist grip sensor, an induction module with a throttle control actuator and the primary electronic control module (ECM).

With these systems, twisting the throttle each direction activates two, 5-volt hall effect sensors that send this controlled voltage to the ECM. The ECM then communicates that voltage to the throttle control actuator monitored by throttle position sensors, ultimately controlling the fuel and air entering the engine in accordance with the rider's input at the twist throttle.

When functioning as intended, this system helps create optimized efficiency and intuitive throttle response for riders, but unfortunately malfunctions are not unheard of. Some of the most common failures within this system are the early connection point inside the handlebar and the twist grip sensor itself.

If one signal is lost from the twist grip sensor to the ECM, the motorcycle will enter a limited performance mode (limp mode) where throttle response is noticeably slower and overall engine performance level cannot be reached. If both twist grip sensor signals are lost, the motorcycle will be stuck in forced idle mode, only allowing very slow riding just to get to a safe stopping point.

These fail-safe conditions are all situations no rider wants to find themselves in, but very well could. For customers that do find themselves with a faulty twist grip sensor, NAMZ has done the engineering to offer quality, affordable and attainable electronic parts.

NAMZ's replacement twist grip sensor units (p/n 2130-0349) are supplied as a complete, virtually plug-and-play assembly. They are designed and built to replace the OEM, featuring a hardwired connection from the sensor to the harness, eliminating the green connector inside the handlebar. OEM style wiring harness and heated grip connectors are also included and ready to be easily installed after the sensor's harness is run through the handlebars.

Throttle-by-wire systems can be found on many Harley models from 2008 all the way to current, and NAMZ offers three reliable replacement twist grip sensors to cover all of them. Whether it's throttle system issues or one of many other electrical system concerns, NAMZ is geared-up with the solutions. ■

» For more details on this and other products from NAMZ, please talk with your Parts Europe rep for details and get more information in the FatBook and at [www.partseurope.eu](http://www.partseurope.eu).



# Scooter Booster

## Pistons for Popular Models

**S**cooters are a convenient way of getting around, but they are also a lot of fun. Vertex takes that fun to the next level with a range of 2-stroke and 4-stroke scooter pistons designed to improve and optimize the performance of the most popular models.

The Yamaha 530 T-Max can get higher compression, more power and improved torque with the Vertex forged high compression piston kit (p/n 0910-5491). There are also cast piston kits for popular scooter models like the Piaggio Vespa ET 4, Aprilia D-Tech Injection 50, and Minarelli AM345.

Every Vertex piston kit comes complete with the piston, pin, rings and circlips. By installing one of these kits, scooter riders get a performance increase as well as incredible durability.

Vertex pistons for 2-stroke scooters are manufactured with a gravity cast process using exotic aluminum alloys. For 4-strokes, Vertex forges the pistons. Everything is machined with the latest CNC technology and diamond tools. Vertex then coats its pistons with a special Molybdenum Bisulphite black coating, which eases the break-in period and reduces friction inside the cylinder.

The rings included in each Vertex piston kit are made with a nitrate-coated steel, which ensures a high level of durability. The steel pins are forged and treated to create a hard, durable surface. The circlips are made from steel that has been tempered to increase their elasticity. ■

» *Talk to your Parts Europe rep about Vertex pistons for popular scooter models. You can find all of them in the Scooter & Moped catalog, and at [www.partseurope.eu](http://www.partseurope.eu).*

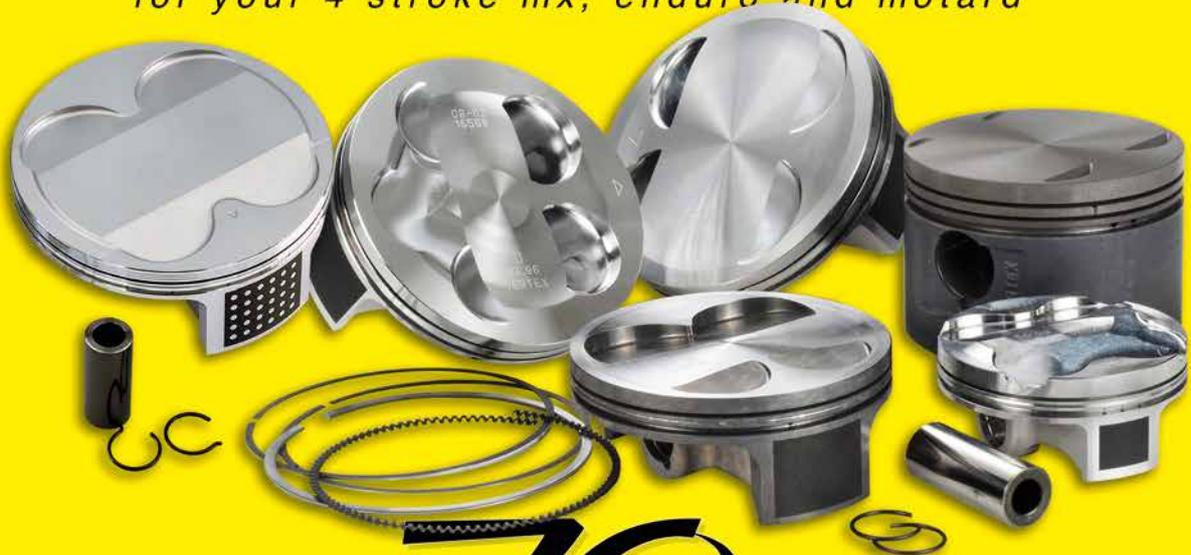


Vertex offers a range of 2-stroke and 4-stroke scooter pistons designed to improve and optimize the performance of the most popular models.



# ULTRA POWER

*The pistons developed with the factory riders for your 4 stroke mx, enduro and motard*



70 Years of Excellence



# Completely Covered

## Waterproof Gear for Bike, Rider and Luggage

**R**ain or shine, Nelson-Rigg has riders – and their bikes – covered. Nelson-Rigg excels at making gear for both Adventure bikes and Harley-Davidsons. Because the Pan America is part of both worlds, Nelson-Rigg is uniquely positioned to help Pan America riders go wherever the journey takes them with its 100 percent waterproof gear.

Defender Extreme motorcycle covers (p/n 4001-0182), made from Nelson-Rigg's proprietary UltraMax material, are designed not to fade or change color, ever, and are 100 percent waterproof. This promise is included in the Lifetime Warranty to give riders peace of mind.

There is a Defender Extreme cover for virtually every powersports vehicle. Half covers are compact enough to take along on a trip, while full covers are ideal for protecting a bike at home.

The Hurricane Collection (p/n 3501-1898) of 100 percent waterproof luggage has nine pieces, providing riders options to use one piece or mix and match to suit their needs. The heavy-duty, UV-treated PVC tarpaulin material is durable, and features include patented Rigg Straps, air purge valves, a semi-rigid design, plus a Lifetime Warranty.

Nelson-Rigg offers 100 percent waterproof gear for your customers and their vehicles.



Nelson-Rigg's top-line Solo Storm rain wear (p/n 2855-0602) are rain jackets and pants sold separately, so riders can choose their appropriate size from SM-4XL. The durable poly-oxford material is 100 percent waterproof, and features include ventilation, reflective stripes, and pants with reinforced heat shield panels to protect against hot pipes. ■

» Learn more about Nelson-Rigg's waterproof options from your Parts Europe rep and find them in the FatBook and Helmet & Apparel catalog, and at [www.partseurope.eu](http://www.partseurope.eu).



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

# Rain or Shine

We have you Covered



**DEFENDER  
EXTREME  
MOTORCYCLE COVERS**



**HURRICANE  
COLLECTION  
WATERPROOF LUGGAGE**



**SOLO STORM**

**UltraMAX  
FABRIC**

6 sizes for all bikes



Jacket and Pants Sold Separately

**ASK YOUR REP FOR  
MORE DETAILS**



# Taking the Easy Route

## Reducing Clutch Lever Pressure

**H**and fatigue can be a big problem during a long ride, especially if there is a lot of clutching required. Cramped, tired fingers might ruin what should be a fun ride.

Müller Motorcycle comes to the rescue with its revolutionary Power Clutch and Hydro Clutch. Both of these devices reduce the force necessary to engage the clutch lever. Even large-displacement Harleys are easy to shift with one of these hidden clutch boosters.

The Power Clutch (p/n 1130-0004) is designed to ease clutching on 1987-2023 Evo, Twin Cam and M8 models with a mechanical clutch (except Revolution Max models). The Hydro Clutch (p/n 1130-0416) fits Twin Cam and M8 models with hydraulic clutches.

Müller Motorcycle says the Power Clutch reduces the effort required to engage the clutch lever by more than 40 percent. In 2018 and newer Harley-Davidson models, that reduction can be as much as 45 percent.

Installing a Hydro Clutch on a Twin Cam model can result in as much as a 35-percent reduction in the force required to engage the clutch lever, while the M8 models have a 45-percent reduction.



Müller Motorcycle's Hydro Clutch is designed to ease clutching on Harley-Davidson Twin Cam and Milwaukee-Eight models with hydraulic clutches.

To make it even better, both the Power Clutch and Hydro Clutch replace the OEM clutch, and there is no need for drilling or spacers. And, from the outside, there is no evidence that a rider is taking the easy route thanks to Müller Motorcycle. ■

» Talk to your Parts Europe rep to learn more about the Power Clutch and Hydro Clutch. You can find them in the FatBook, the OldBook and at [www.partseurope.eu](http://www.partseurope.eu).

**NO PAIN**



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



### POWER CLUTCH

the easy clutch device for bowdencable clutches  
 also for 2022 models



### HYDRO CLUTCH

the easy clutch device for hydraulic clutches

[www.m-motorcycle.com](http://www.m-motorcycle.com)

ORDER NOW AT

**PARTS EUROPE**

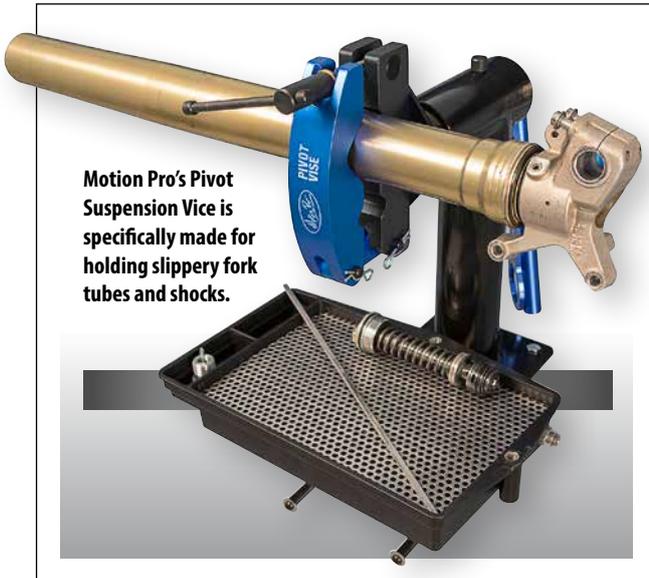
**ONLY GAIN**





# Service Perfection

## Innovative Suspension Work Station



Motion Pro's Pivot Suspension Vice is specifically made for holding slippery fork tubes and shocks.

a feature-packed product that's sophisticated enough for a professional shop, yet affordable enough for your customer's home garage.

The Pivot Suspension Vice (p/n 3805-0148) streamlines suspension work by offering a secure way to hold and drain suspension components during oil changes, seal changes, and re-valves. Two aluminum soft jaws accommodate 16mm to 34mm diameter parts and 40mm to 61mm diameter parts, while the pivoting head holds components in any position for easy access and draining. Oil spills may feel like an inevitability during suspension work, but a moveable drain pan with a screen deck helps reduce mess and prevents dropped parts from going for a swim.

The vice's rigid steel frame bolts directly to the work surface, and only takes up 25cm of bench space. Every suspension service task was considered when designing the Pivot Vise, and it truly is a start-to-finish suspension tool that will make any job involving forks and shock a lot easier. ■

**R**ebuilding forks and shocks isn't particularly complicated, but it does require special equipment. At the top of the list is some way to hold those oddly shaped, often slippery suspension components. Meet Motion Pro's Pivot Suspension Vice,

» Talk to your Parts Europe rep for details, and check out the Tires, Tools & Chemicals catalog as well as [www.partseurope.eu](http://www.partseurope.eu).

# THE RIGHT TOOLS

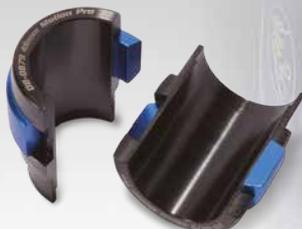
Helps You Drive Fork Seals Easily And Securely Without Damage To Your Fork Tubes



## RINGER® FORK SEAL DRIVER

49 mm, Part No. 3805-0173

Perfectly weighted to drive seals. Locking ring securely locks body halves. Additional Ringer® sizes 35 mm – 50 mm available!



@motionpro @motionproinc @motionpro

Distributed by  
**PARTS EUROPE**  
[www.partseurope.eu](http://www.partseurope.eu)

SEE YOUR PARTS EUROPE REP FOR MORE INFORMATION  
MOTION PRO, INC. | [MOTIONPRO.COM](http://MOTIONPRO.COM) | +1 650-594-9600

Get equipped at **MOTIONPRO.COM**



# A Legacy of Excellence

## Drive Chains for All Types of Riding

**F**or over 100 years the Italian chain brand Regina has produced race winning chains for all types of motorcycles. With more than 350 world championship titles to their credit in everything from MotoGP to MXGP, Regina has developed a family of drive chains that consumers have also come to rely on for their proven performance and durability.

While the company's unique, maintenance-free HPE chains (p/n 1224-0233) have garnered headlines for their unique lube-free design, Regina has a lot more to offer. For years legions of touring and Adventure riders have also relied on the assortment of other chains in Regina's high-mileage Ultra product range.

The lineup includes the entry level 520-525 ZRA, the 520-525 ZRE (p/n 1224-0123) for Adventure bikes, 520-525-530 ZRT for standard street-touring, and the top range 520-525-530 ZRP, for extensive mileage on touring, Adventure and sportbikes.



Regina's ZRE Adventure chain is just one product in the company's impressive range of drive chains – a lineup designed for all types of riding.

While all Regina chains come pre-stretched and feature Z-Ring sealing for improved chain life, the ZRA (p/n 1224-0173) is distinguished with natural steel color side plates versus the distinctive gold outer plates found with the ZRE, ZRT and ZRP models. The side plates are shot-peened for added strength. Touring and Adventure riders know the feeling that the last few miles of a long ride day bring, and Regina chains have a celebrated history of keeping rider's wheels rolling to get them there. ■

» Talk with your Parts Europe sales rep for details and learn more in the Off-Road and Street catalogs, and at [www.partseurope.eu](http://www.partseurope.eu)

PARTS UNLIMITED EUROPE CANADA



PERFORMANCE IN MOTION

## PRESENT THE FIRST MAINTENANCE FREE CHAIN

### BENEFITS

- ✓ NORMAL LUBRICATION NOT REQUIRED
- ✓ NO TIME WASTED CLEANING THE LUBE SPATTER FROM YOUR BIKE
- ✓ MORE POWER TO THE WHEEL
- ✓ MONEY SAVINGS ON LUBE, FUEL CONSUMPTION AND BIKE CLEANERS
- ✓ ENVIRONMENTALLY FRIENDLY



AVAILABLE IN 525 AND 520

Proudly made in Italy since 1919

ICON

**AIRFORM MIPS BROZAK™**

- » MIPS Brain Protection System can reduce harmful forces transmitted to the brain in certain types of impacts by allowing a slight uncoupled movement of the shell and liner during a crash
- » Injection-molded polycarbonate shell for strength and durability
- » Internal airflow geometry
- » Continuous venting system
- » Sculpted neck roll
- » Fog-Free Icon Optics™ Shield with Rapid-Release™ System
- » Prolock™ positive shield locking system
- » TracShield™ shield with tear-off posts available; sold separately
- » Internal Dropshield™ with exterior switch
- » Removable molded breath deflector
- » Removable Hydradry™ 3-piece moisture wicking liner
- » Internal speaker pockets work with ICON's RAU™ Bluetooth device
- » All World Standard meets or exceeds the following: DOT FMVSS 218 (USA), ECE R22-06 (Europe), and PSC (Japan) helmet safety standards

NOTE: Does not ship with PSC certification stickers unless purchased from an authorized dealer in that country.  
 NOTE: The DropShield™ visor must only be used while the main face shield is in the fully closed position.

SIZE	BLUE	RED
XS	0101-14930	0101-14937
S	0101-14931	0101-14938
M	0101-14932	0101-14939
L	0101-14933	0101-14940
XL	0101-14934	0101-14941
2X	0101-14935	0101-14942
3X	0101-14936	0101-14943



**MEN'S UPSTATE MESH CE™ JACKETS**

- » Chassis constructed from durable 400D polyester and Iron Weave™ mesh for maximum airflow that is perfect for hot-weather riding
- » The clean and minimal styling lends to its casual appearance, while the Icon relaxed fit provides all-day comfort
- » Road duty is provided by abrasion-resistant overlays complemented with a full-suite of D30® elbow, shoulder, and back impact protectors
- » Reflective trim for added visibility
- » YKK® zippers, 400D polyester reinforcements in elbows/shoulders and zipper cuffs
- » Jacket tested and certified according to EN 17092-4:2020 class A
- » D30® removable viper back protector; elbow and shoulder LP1 impact protectors - EN 1621-2:2014 / EN 1621-1:2012

SIZE	BLACK	GRAY	GREEN
S	2820-6217	2820-6223	2820-6229
M	2820-6218	2820-6224	2820-6230
L	2820-6219	2820-6225	2820-6231
XL	2820-6220	2820-6226	2820-6232
2X	2820-6221	2820-6227	2820-6233
3X	2820-6222	2820-6228	2820-6234



## ICON

### MEN'S PUNCHUP GLOVES

- » Featuring a clean performance aesthetic and premium materials, the Punchup CE™ glove truly punches above its weight
- » Chassis is constructed of a stretch polyester textile with Ax® Laredo overlays for ultimate riding comfort
- » Backhand features a floating knuckle design which houses a D30® insert, providing additional backhand coverage and flexibility
- » Ax® Laredo palm provides critical rider feedback and allows touchscreen device use
- » D30® knuckle, finger and wrist impact protectors
- » Touchscreen-enabled fingertips
- » Secure hook-and-loop wrist closure
- » Tested and certified according to standard - EN 13594:2015 Level 1



SIZE	BLACK
S	3301-4588
M	3301-4589
L	3301-4590
XL	3301-4591
2X	3301-4592
3X	3301-4593

## SLIP STREAMER

### REPLACEMENT WINDSHIELDS FOR HARLEY-DAVIDSON®

- » The 130 series windshields are exact replacements for H-D Touring models
- » Available in clear, smoke, dark smoke and tinted finishes in several different sizes
- » Made of tough 5 mm (3/16") aircraft-quality Lucite® acrylic for optically perfect vision

PART #	DESCRIPTION
FOR 14-22 FLHT/FLHX AND FLHTCUTG MODELS	
2310-0555	25,5 cm (10") clear
2310-0556	33 cm (13") clear
2310-0562	15 cm (6") smoke
2310-0564	20,5 cm (8") smoke
2310-0558	25,5 cm (10") smoke
2310-0560	33 cm (13") smoke
2310-0561	40,5 cm (16") smoke
2310-0563	15 cm (6") dark smoke
2310-0565	20,5 cm (8") dark smoke
2310-0559	25,5 cm (10") dark smoke
FOR 96-13 FLHT/FLHX AND H-D FL TRIKE MODELS	
S13410	25,5 cm (10") clear
S13413	33 cm (13") clear
S1356	15 cm (6") tinted
S1358	20,5 cm (8") tinted
S13510	25,5 cm (10") tinted
S13513	33 cm (13") tinted
S13516	40,5 cm (16") tinted
135-6DS	15 cm (6") dark smoke
135-8DS	20,5 cm (8") dark smoke
135-10DS	25,5 cm (10") dark smoke
FOR 15-22 FLTRX/FLTRXS/FLTRU/FLTRK	
2310-0587	48,5 cm (19") clear
2310-0588	25,5 cm (10") dark smoke
FOR 86-95 FLHT/FLHTC	
13010C	25,5 cm (10") clear
13110T	25,5 cm (10") tinted
13316T	40,5 cm (16") tinted



SMOKE



TINTED



CLEAR



DARK SMOKE



DARK SMOKE

## SLIP STREAMER

### REPLACEMENT SPORT GLIDE™ WINDSHIELDS

- » Made from .177 Lucite® aircraft-quality acrylic that is optically perfect and very strong
- » Direct fit; mounts with existing hardware

PART #	DESCRIPTION
FOR 18-22 FLSB	
2311-0089	20,5 cm (8") clear
2311-0090	25,5 cm (10") clear
2311-0091	30,5 cm (12") clear
2311-0092	35,5 cm (14") clear
2311-0093	20,5 cm (8") tint
2311-0094	25,5 cm (10") tint
2311-0095	30,5 cm (12") tint
2311-0096	35,5 cm (14") tint
2311-0097	20,5 cm (8") dark smoke
2311-0098	25,5 cm (10") dark smoke
2311-0099	30,5 cm (12") dark smoke



CLEAR



TINTED



DARK SMOKE

## L.A. SLEEVE

### CYLINDER SLEEVES

- » Re-sleeve worn or seized cylinders with sleeves manufactured by L.A. Sleeve Co.
- » An economical solution available for riders, racers and engine builders everywhere
- » Centrifugal castings used in these sleeves are made from a carbon-chrome-molybdenum alloy of 200 Brinell hardness, ensuring ease of installation, trouble-free boring and a dependable, long-lasting engine
- » AC type cylinders – Original cylinder bore is alloy-chrome plated, nikasil, or electrofused; cylinder must be bored to accept new sleeve
- » CS type cylinders – Original barrel has a cast-in iron liner in the cylinder; liner must be bored out completely (do not try to push out the cast-in liner)
- » RS type cylinders – Original barrel has a replacement sleeve



DIRT BIKES			
FITS MODEL	BORE (MM)	CYLINDER TYPE	PART #
HONDA			
CR125R 87-88	54	CS	0931-0047
CR125R 96-99	54	AC	H-5291
CR125R 02	54	AC	H5466
CR250R 02-03	66,4	AC	H5477
CR500R 89-01	89	CS	H-5077
HUSQVARNA			
TC85 14-17	47	AC	0931-0516
KAWASAKI			
KX250 98-99	66,4	AC	KA5350
KX250F 04-05	66,4	AC	0931-0063
KDX200 95-06	66	AC	KA5252
KTM			
SX 65 03-08	45	AC	0931-0042
SX 85 03-16	47	AC	0931-0516
SX/E/MXC 520 00-07	95	AC	0931-0035
SX/M/X 525 03-07	95	AC	0931-0035
SUZUKI			
RM-Z250 04-18	77	AC	0931-0063

ATVS			
FITS MODEL	BORE (MM)	TYPE	PART #
HONDA			
TRX350TM/ES Rancher 00-09	78,5	RS	H-5443
TRX450S/ES 98-04	90	RS	H-5365

POLARIS			
FITS MODEL	BORE (MM)	TYPE	PART #
500 Predator 03-07	99,2	AC	0931-0143
850 XP Sportsman 09-21	87	CI	0931-0643
850 XP Scrambler 13-21	87	AC	0931-0643
YAMAHA			
YFM350 87-15	83	RS	YA-5024
YFM660 Grizzly 02-08	100	RS	YA7018
YFM660 Raptor 01-06	100	RS	YA7018
Grizzly/Kodiak 700 EPS SE 19-21	102	AX	0931-0145
700 Rhino 08-13 / Grizzly 07-16			
(Cylinder 3B4)	102	AC	0931-0145
YFM700R Raptor 06-20			
(Cylinder #153)	102	AC	0931-0145
YXM700 Viking 14-21			
(Cylinder #384)	102	AC	0931-0145

SNOWMOBILES			
FITS MODEL	BORE (MM)	TYPE	PART #
POLARIS			
700 L/C Indy Classic 00-04,			
PROX 03-04	81	AC	FL-1221
700 L/C Indy SKS 97	81	AC	FL-1221
700 L/C Indy SKS 99-03	81	AC	FL-1221
700 L/C Indy XC, RMK 97-05	81	AC	FL-1221
700 L/C Indy XC SP 99-05	81	AC	FL-1221
700 L/C Edge 04	81	AC	FL-1221
700 L/C Switchback 04	81	AC	FL-1221

## VANCE & HINES

### HI-OUTPUT SLIP-ON MUFFLER FOR BMW R NINET 14-19 (EXCEPT SCRAMBLER)

- » Stepped muffler design
- » Brushed stainless finish
- » CNC-machined billet end cap
- » Laser-engraved riveted logo badge
- » Includes instructions and mounting hardware

PART # 1811-3778



### HI-OUTPUT SLIP-ON MUFFLER FOR HONDA MONKEY 19-21

- » 304 stainless steel construction with brushed stainless finish
- » CNC-machined billet end cap
- » Laser-engraved riveted logo; laser-cut chassis cover
- » Approximately 1,5 kg (3 lb.) lighter than stock
- » Instructions and mounting hardware included

PART # 1811-4223



### UPSWEEP SLIP-ON MUFFLER FOR HONDA GROM 22

- » Mild-steel with matte black ceramic finish
- » CNC-machined billet end cap
- » Laser-engraved riveted badge
- » Instructions and mounting hardware included

PART # 1811-4224



# 2009 DYNA FAT BOB

CUSTOMIZED BY DRAG SPECIALTIES  
AND SUBURBAN MOTORS H-D®



## 3<sup>rd</sup> time's a charm

Revamp your style again and again. This is the third makeover for this 09 Dyna showing just how easy it is to create a new look without needing a whole new ride.

**Alloy Art:** Combi Stabilizer Kit

**Arlen Ness:** Blue Anodized MX Footpegs,  
10-Gauge Derby Cover & Mini Stocker Mirrors,  
Black Anodized Hot Legs Fork Legs &  
12-point Vented Gas Cap, Bolt-on Black Turn Signals

**Bassani:** Road Rage III 2-into-1 Exhaust System

**Custom Cycle Engineering:** 49mm Gold  
Fork Tubes, Solenoid Starter Button

**Custom Dynamics:** ProBEAM Black  
LED Headlamp, Yellow LED Driving Light Bar

**Drag Specialties:** Black Handlebar Control Kit w/  
Mechanical Clutch, Black Universal Brake Line

**Klock Werks:** FXRT Flare Windshield

**LA Choppers:** Stainless Valley Handlebars,  
10" Black Anodized Riser Kit & Grips

**Legend Suspensions:** AXEO High Performance Front  
Suspension System, Revo ARC Piggyback 13" Gold Coil Rear Suspension

**Michelin:** Commander III Touring Front & Rear Tires

**Performance Machine:** Revolution Gold Front & Rear Wheels,  
Dominator Black Ops Front & Rear Brake Rotors, Contrast Cut  
Radial Front Brake Caliper & Classic Rear Caliper Kit

**S&S:** Stinger Teardrop Air Cleaner Kit

**Saddlemen:** 1WR Performance Gripper Seat

**Slyfox:** Gloss Carbon Fiber Horn Cover

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

**PARTS  
EUROPE**

PARTSEUROPE.EU

FROM OUR GARAGE TO YOURS  
**DRAG**  
Specialties

DRAGSPECIALTIES.EU