

READY TO RACE  
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# READY TO RACE



KTM RC CUP  
RACE GUIDE

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KTM North America, Inc.  
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Murrieta, CA 92563



MOTOAMERICA

KTM POWERWEAR

KTM POWERPARTS

KTM ORIGINAL SPARE PARTS



# READY TO RACE

It's a slogan we say frequently at KTM, simply because we are always 'READY TO RACE'. Sure, it's a catchy motto, but that is who we are and what our bikes are made for. And most importantly, it is our promise to our customers around the world.

To achieve this we produce the highest performance production motorcycles available. Every motorcycle is designed and built READY TO RACE.

Our production lines are intentionally close to R&D and Factory racing. Every KTM motorcycle, offroad or street, shares the same DNA and our philosophy.

But it's not just about producing class-leading race machines. We create motorcycles that are in a category of their own, because KTM makes the bike you desire. And the real sportmotorcycles you want.



## THE KTM RC CUP: THE ADRENALINE PACKAGE FOR THE NEXT GENERATION

KTM understands the importance of catering to future riders of bigger displacement models by stimulating the market with smaller displacement sports bikes. With this in mind, the company is ecstatic to be partnering with MotoAmerica for the 2015 "KTM RC CUP"; allowing the next generation of racers to attack America's most renowned circuits on the new KTM RC 390 Cup Race Bike.

### NURTURING YOUNG RACING TALENT

True to KTM's READY TO RACE philosophy and its commitment to develop more models for the asphalt; KTM now offers a true race bike for the next generation of road racing talent, the KTM RC 390 Cup Race Bike. It is designed specifically for closed-course racing only, and will be available this season for the 2015 KTM RC CUP.

The KTM RC 390 Cup Race Bike is a unique new model in the KTM product range, and it exemplifies KTM's ongoing passion for producing true READY TO RACE motorcycles.

From the infamous Laguna Seca Raceway to the fast track at Road America, the KTM RC Cup will broaden the horizon for the future of the sport. Supporting the global visions of the youngest road racing generation, the series is the perfect entry opportunity to follow in the footsteps of KTM's finest, Chris Fillmore and Jack Miller.

Based on the series model, the RC 390 Cup Race Bike is a purpose built, race competition motorcycle that allows riders to learn all the fundamental skills on the track. Intended only for closed-course competition, the bike is fully enhanced and equipped with race performance KTM PowerParts. Parity is maintained throughout which allows for racers to prove themselves on the track. Ultimately, this program helps racers reach their goals of advancing in the MotoAmerica Series and potentially to Moto3 or MotoGP.

### PERFECT PACKAGE FOR THE YOUNG RACER

The KTM RC 390 Cup Race Bike is available for pre-order at your local participating KTM Dealer in February 2015, and due to arrive at KTM Dealers in April. To request a KTM RC 390 Cup Race Bike, riders will need to provide a refundable \$1000 deposit and provide a copy of their AMA Road Racing Superstock Limited license or AMA Superstock 600 license (or copy of license application). KTM RC 390 Cup Race Bikes will be available on a first come, first serve basis with limited availability.

MOTOAMERICA & THE KTM RC CUP

The MotoAmerica AMA/FIM North America Road Racing Series is the newest installment to the global scene of premier road racing. The series will feature Superbike, Superstock 1000, Supersport, Superstock 600 and the KTM RC CUP in its inaugural season of racing in 2015. Working closely with the tracks, teams, OEM's and promoters of North America, MotoAmerica is grooming a new generation of American and international racers for the world stage.

Reintroducing one of the most exhilarating motorsport categories in history, the initiative of MotoAmerica will please even the most dedicated of fans. By telling the racers' stories at an international level, we will see new heroes emerge in their journey to becoming champions.

Led by Wayne Rainey and the KRAVE group, MotoAmerica has a first-class partnership of industry veterans standing behind the operation:

“We are super pumped to have the KTM RC CUP in our series,” said three-time 500cc World Champion and MotoAmerica President Wayne Rainey. “We think it’s a great opportunity for both young and new racers who want to be a part of the National Championship. If something like this was around when I was starting road racing, it would have been something I would have pushed really hard to be a part of. We expect to be finding some new talent from this and that’s what the MotoAmerica series needs.”

Encouraging the next generation to bloom in road racing, MotoAmerica and KTM have teamed up to deliver the KTM RC CUP; an AMA National Championship class developed to showcase up-and-coming talent.

In order to compete in the KTM RC CUP, riders born between 1993 and 2001, with an AMA Superstock Limited or AMA Superstock 600 license, must purchase the KTM RC 390 Cup Race Bike. Riders will benefit from exclusive advantages including 'READY TO RACE' PowerParts, KTM HMC trackside technical support, guidance from KTM ambassador Chris Fillmore and KTM result-based contingency. This will provide young riders the chance to compete at an affordable cost.

Supporting Rainey's statement to support new talent, KTM will award the champion of the 2015 KTM RC CUP series a unique grand prize. The crowned AMA Champion will travel to the UK to compete at round 11 of the 2015 British Superbike KTM RC CUP series at Silverstone Raceway, October 2nd-4th. While at Silverstone, the rider will enjoy a fully prepped KTM RC 390 Cup Race Bike, trackside support, and paid hotel and travel expenses.

2015 KTM RC CUP DATES  
(SUBJECT TO CHANGE)

MAY 29-31 ROAD AMERICA - WISCONSIN

JUNE 12-14 BARBER MOTORSPORTS PARK - ALABAMA

JUNE 26-28 MILLER MOTORSPORTS PARK - UTAH

JULY 17-19 LAGUNA SECA RACEWAY - CALIFORNIA

SEPT 11-13 NEW JERSEY MOTORSPORTS PARK - NEW JERSEY

FOR ALL UP-TO-DATE INFORMATION,  
PLEASE VISIT: WWW.MOTOAMERICA.COM

CONTACT

MotoAmerica  
www.motoamerica.com

AMA  
www.americanmotorcyclist.com

MOTOAMERICA KTM RC CUP HIGHLIGHTS

- KTM RC 390 Cup Race Bike \$9,999 MSRP
- » Earn a MotoAmerica AMA/FIM North America KTM RC Cup Championship
  - » Championship Grand Prize
    - » 1st Place- Will receive a sponsored KTM ride for round 11 of the 2015 British Superbike KTM RC CUP series at Silverstone GP in the UK. Prize includes:
      - Travel and hotel expenses paid
      - Fully prepped KTM RC 390 Race Bike for the race weekend
      - KTM trackside support
    - » 2nd Place- \$2,500 in KTM PowerParts
    - » 3rd Place- \$1,000 in KTM PowerParts
  - » Open to riders born between 1993 and 2001
  - » Guidance offered at each event by KTM HMC SuperBike racer, and KTM ambassador, Chris Fillmore
  - » Entry includes KTM HMC Racing semi-truck trackside support
  - » Five rounds in North America
  - » Each of the five rounds includes one free practice, two qualifying sessions and two separate races for points toward the overall championship (except Laguna Seca - it is a single race weekend)
  - » Requires AMA Road Racing Superstock Limited or AMA Superstock 600 license or copy of license application (found on www.americanmotorcyclist.com)
  - » Extensive national and international exposure
  - » KTM Contingency (overall combined score of both races):
    - 1st- \$500
    - 2nd- \$400
    - 3rd- \$300
    - 4th- \$200
    - 5th- \$100







**MAY 29-31 ROAD AMERICA:**

N7390 HWY 67  
ELKHART LAKE, WI 53020  
[WWW.ROADAMERICA.COM](http://WWW.ROADAMERICA.COM)

**JUNE 12-14 BARBER MOTORSPORTS PARK:**

6040 BARBER MOTORSPORTS PARKWAY  
BIRMINGHAM, AL 35094  
[WWW.BARBERMOTORSPORTS.COM](http://WWW.BARBERMOTORSPORTS.COM)

**JUNE 26-28 MILLER MOTORSPORTS PARK:**

2901 SHEEP LANE  
TOOELE, UT 84074  
[WWW.MILLERMOTORSPORTSPARK.COM](http://WWW.MILLERMOTORSPORTSPARK.COM)

**JULY 17-19 LAGUNA SECA /WSBK:**

1021 MONTEREY-SALINAS HIGHWAY  
MONTEREY, CA 93908  
[WWW.MAZDARACEWAY.COM](http://WWW.MAZDARACEWAY.COM)

**SEPTEMBER 11-13 NEW JERSEY MOTORSPORTS PARK:**

8000 DIVIDING CREEK RD  
MILLVILLE, NJ 08332  
[WWW.NJMP.COM](http://WWW.NJMP.COM)

\*SUBJECT TO CHANGE. FOR ALL UP-TO-DATE INFORMATION, PLEASE VISIT: [WWW.MOTOAMERICA.COM](http://WWW.MOTOAMERICA.COM)

The KTM RC 390 Cup Race Bike's ultra-light steel tubular trellis chassis takes full advantage of sharper steering.

The reverse cast swingarm and wheels also remain the same as the production machine, but the upgraded WP Suspension components are radically different without changing the bike's geometry.

The bike's standard components are already at a high level, but adapt to a wide range of riding situations and rider abilities. With the WP Suspension feature, racers can fully adjust the front and rear suspension to suit their size and weight.

The original, un-adjustable forks are replaced with a pair of multi-adjustable 43 mm WP Suspension forks that offer rebound, compression and preload options. These have the same outside profile as the standard machine.

To adapt to the high demands of circuit racing, the rear suspension has been upgraded to a fully adjustable WP Monoshock with a remote reservoir that allows the rider to adjust:

- preload
- high/low speed compression
- rebound damping
- overall length



THE KTM RC 390 CUP RACE BIKE CHASSIS FACTS:

FRAME	Steel trellis frame, powder-coated
SUBFRAME	Steel
SWINGARM	Cast aluminum
FRONT SUSPENSION	43 mm fully adjustable WP Suspension
REAR SUSPENSION	WP Suspension Monoshock, fully adjustable
FRONT BRAKE	Four piston, radially bolted caliper, brake disc Ø 320 mm
REAR BRAKE	Single piston, floating caliper, brake disc Ø 230 mm
ABS	Removed to save weight
WHEELS FRONT/REAR	Cast aluminum wheels 3.00 x 17"; 4.00 x 17"
CHAIN	PowerParts racing specification
STEERING HEAD ANGLE	23.5°
WHEEL BASE	1340 ± 15 mm
GROUND CLEARANCE	178 mm
SEAT HEIGHT	820 mm
TANK CAPACITY	approx. 2.6 gal
WEIGHT (READY TO RACE)	approx. 304 lbs



WP SUSPENSION REAR MONOSHOCK



KTM's sophisticated compact design boasts a 373 cc engine, weighing in at only 78 lbs. Two overhead camshafts, four valves, a forged piston and Nikasil-coated cylinder ensure sufficient power for intense competition.

The power-enhancing force feed lubrication with crank case evacuation lowers the crank drive's rolling resistance; contributing to the powerful torque across the rev range. But this is an engine that also welcomes high revs unlike a conventional mono-cylinder.

The RC 390 Cup Race Bike's engine, exhaust downpipe and airbox come standard for parity and equality on the race track. In a rider vs. rider sport, it is up to par with all specs and regulated by the KTM HMC trackside support throughout the race series.

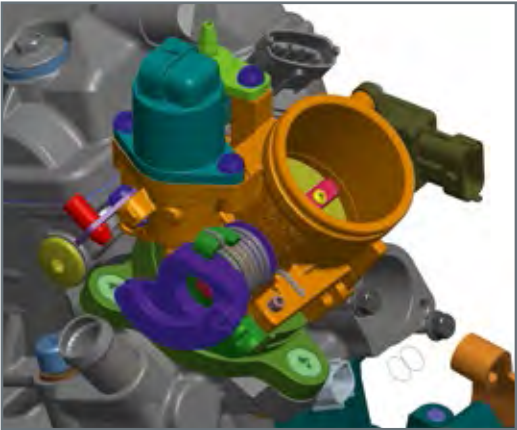
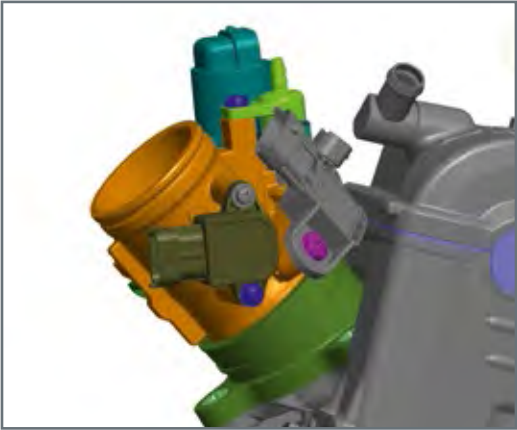
A mechanical block on the throttle, something that is checked regularly by the series organizers, achieves the restriction.



LIGHTWEIGHT HIGH TECHNOLOGY EXHAUST:  
TAILOR-MADE SILENCER MANUFACTURED BY AKRAPOVIČ



CRANKSHAFT



THROTTLE BODY

THE KTM RC 390 CUP RACE BIKE ENGINE FACTS:

ENGINE TYPE	Single cylinder, 4-stroke
DISPLACEMENT	373 cc
BORE/STROKE	89/60 mm
COMPRESSION RATIO	12.6 :1
STARTER/BATTERY	Electric starter/12V, 8 Ah
TRANSMISSION	6 gears
FUEL SYSTEM	Bosch EFI (throttle body 46 mm)
CONTROL	4V /DOHC
LUBRICATION	Wet sump
ENGINE OIL	Motorex Power Synt 4T 10W/50
PRIMARY DRIVE	30:80
FINAL DRIVE	14:45 (standard)
COOLING	Liquid cooling
CLUTCH	Wet multi-disc clutch, mechanically operated
ENGINE MANAGEMENT/IGNITION	Bosch EMS



# READY TO RACE RC 390 CUP RACE BIKE

## BRAKE SYSTEM

A true race performing machine with high-spec KTM PowerParts, the KTM RC 390 Cup Race Bike has an upgraded brake system. By removing the standard ABS of the RC 390, 2.6lbs of weight has been saved to ensure fair game out on the track.

The RC 390 Cup Race Bike includes an oversized KTM PowerParts 320mm front rotor, specialty race brake pads and stainless steel braided brake lines to prevent lever-fade.

The upgraded system will allow for full control on the track in even the most intense situations.



FRONT BRAKE RC 390 CUP RACE BIKE



REAR BRAKE RC 390 CUP RACE BIKE

## SCREEN

The bike's screen is also taller, allowing taller riders to get tucked in behind 'the bubble' easier.

## CONTROLS

Handlebar levers are now span-adjustable for these still-growing pilots and the brake lever is also protected for safety, in case of contact with other riders applying the lever.

The footpegs are also changed to allow the option for the traditional racing 'upside down' (one up, five down) gearbox pattern. The levers are also adjustable for a range of foot sizes.

## BODYWORK

The distinctive, sporty looks of the RC 390 Cup Race Bike comes standard with a one-piece fiberglass fairing and seat unit. This not only saves weight, but also allows for quicker removal when working on the machine. The lower fairing features a catch can to prevent any oil from reaching the circuit.

## FINAL DRIVE

The bike is fitted with the PowerParts upgraded chain and lighter sprockets, with a choice of three different rear sprocket ratios.





RC 390 VS. RC 390 CUP RACE BIKE



If you are interested in the KTM RC 390 series production bike, you can buy it at an authorized KTM Dealer. If you are interested in racing regionally, you can replicate the KTM RC 390 Cup Race Bike by modifying the RC 390. You can order all parts listed here at your KTM dealer.

The KTM RC 390 retails for \$5,499 MSRP, and is a street-legal motorcycle. The KTM RC 390 offers a compact 373 cc single cylinder 4-stroke motor for an impressively high power-to-weight ratio. The exceptional braking performance and lightweight chassis deliver unmatched control and agility; making it the best performing smaller displacement sportbike on the market.

Locate your nearest dealer by visiting: [www.ktm.com](http://www.ktm.com)



SPECIALTY RACE BIKE COMPONENTS:

OVERFLOW CATCH CAN	\$54.00
SIDESTAND DISMOUNTING KIT	\$14.99
SEAT FOAM	\$67.50
EXHAUST HOLDER	\$101.14
BRAKE LEVER GUARD	\$99.99
RC8 THROTTLE	\$75.40
TANK FOAM	\$268.52
CHAIN GUARD	\$60.75
REAR SPROCKET 43	\$56.13
REAR SPROCKET 44	\$56.13
REAR SPROCKET 46	\$56.13
PIT MAT	\$60.75
FRONT SLIDE GUARDS	\$40.84
FRONT STAND	\$151.77
REAR STAND	\$87.62
V-REAR STAND KIT	\$57.25
TOTAL	\$1,811.88

True to KTM's brand promise of 'READY TO RACE' the limited KTM RC 390 Cup Race Bike is built specifically as a closed-course racing motorcycle for the KTM RC CUP, and is fully inclusive of all parts listed below. The KTM RC 390 Cup Race Bike is available for \$9,999 MSRP.

By purchasing the RC 390 Cup Race Bike, you immediately save over \$3,500 in comparison to buying the RC 390, plus PowerParts. This limited-time offer speaks for itself when it comes to cost-conscious racing. Please see our detailed parts list below for a breakdown of all items included:

You can get the KTM RC 390 Cup Race Bike from your nearest participating KTM Dealer by simply applying, providing a \$1,000 deposit and a copy of your AMA Road Racing Superstock Limited AMA Superstock 600 license.

KTM RC 390 CUP RACE BIKE



RACE BIKE CHASSIS ELEMENTS:

REARSET	\$449.55
RACING FRONT BRAKE LEVER	\$112.39
RACING CLUTCH LEVER	\$112.39
WP RC CUP FORK	\$1,749.99
WP RC CUP SHOCK	\$1,449.99
FRONT BRAKE LINE	\$99.99
REAR BRAKE LINE	\$99.99
FRONT BRAKE PADS	\$59.99
320MM FRONT BRAKE DISC	\$243.00
TOTAL	\$4,377.28

RACE BIKE ENGINE FEATURES:

AKRAPOVIC SLIP ON EXHAUST	\$899.99
RC CUP SPEC RESTRICTION PLATE	\$56.77
TOTAL	\$956.76

RACE BIKE BODY ESSENTIALS:

LEFT SIDE FAIRING	\$149.99
RIGHT SIDE FAIRING	\$149.99
TANK COVER	\$89.99
TAIL FAIRING	\$299.99
BELLY PAN	\$249.99
RACING WINDSCREEN	\$67.50
TOTAL	\$1,007.45

\*All pricing and specifications are subject to change



# POWERWEAR

## BUY

You are what you ride. Even when we're away from the bike, we sometimes like to remind others (and ourselves) who we are and what we do. The latest KTM PowerWear range consists of over 350 separate products and includes Street and Offroad riding equipment as well a huge array of casual clothing for men, women and children. Oh, and let's not forget the accessories, they are as diverse and eclectic as our portfolio of street and offroad bikes; if you can think of it we probably have it.



MORE **KTM** POWERWEAR AT »  
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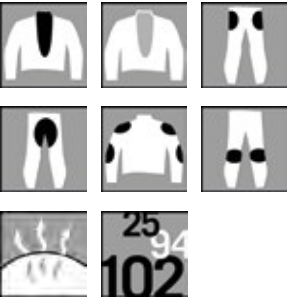


BACK



**RX-7 GP HELMET**  
 Racing technology for the road

**RSX SUIT 14**  
 Racing suit tailor-made specifically to meet customer requirements



CUSTOMIZED LEATHER SUIT:  
 create your custom leather suit online  
[www.ktm.com/customleathers](http://www.ktm.com/customleathers)

# POWERPARTS

## BUY



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