



SR10



RADICAL SR10

With a high horsepower, long-life powertrain, the Radical SR10 is everything you'd expect from a Radical – turbocharged. Targeted at track-day enthusiasts, motorsport country club members, and racers across the globe, the SR10 delivers more power and torque than has ever featured in Radical's SR line-up, with an engine and drivetrain package optimised for both performance and durability.

The SR10 is designed to keep you on the track for longer, faster. Whether lapping casually at your local motorsport country club, or dicing with GT and LMP competition in an around-the-clock endurance race, the SR10's sole purpose is to out-run and out-maneuvre the competition whilst remaining easy to drive and cost-effective to run.

Given the SR platform's longstanding reputation for providing electrifying performance through optimised aerodynamics and outstanding grip, the primary focus throughout development was on maximising both the incredible performance of this new powertrain as well as its durability, for easier operation and longer service intervals.

The driver's environment features a new wheel-mounted TFT multi-page display and additional car controls at the driver's fingertips. This includes multiple engine and gearbox mapping options and adjustable weighting for the optional electronic power steering system, a first for the SR model line.



THE HIGHEST SPECIFIC OUTPUT OF ANY SR MODEL

The SR10 applies Radical Performance Engines (RPE) cutting-edge engine tuning capabilities with the proven durability of Ford's EcoBoost engine architecture. This is no ordinary production unit. Radical's in-house powertrain division, RPE have developed a bespoke turbocharger, induction and engine management package to generate over 425bhp and 380lb-ft of torque.

A bespoke Garrett G-Series turbocharger delivers better throttle response and negligible lag, while billet pistons, forged connecting rods, and a custom dry-sump lubrication system ensure bulletproof durability.

This high-output engine is integrated with a new Hewland six-speed gearbox. The SR10 is Radical's first application of the Hewland TMT transaxle, originally developed for the FIA F2 single-seater.

This compact unit includes an integral paddleshift actuator and innovative WaveTrac ATB differential for maximum traction in all conditions, and is a perfect match for the high torque generated by the SR10's 2.3L RPE-Ford EcoBoost four-cylinder engine.

PURE EXTREME PERFORMANCE

03

04



SR10

PERFORMANCE DATA

POWER@FLYWHEEL

425 bhp

TORQUE

380 lb-ft

0 - 60 MPH

2.4 sec

POWER:WEIGHT

586 bhp/tonne

PEAK LATERAL FORCE

2.3 g

TOP SPEED

180 mph



SR10 STANDARD SPECIFICATION

ENGINE

- RPE-Ford 2261cc, 425bhp & 380lb-ft, turbocharged engine with direct injection, twin-independent variable cam timing and drive-by-wire throttle
- Custom Garrett turbocharger
- Billet motorsport pistons, forged connecting rods and bespoke dry-sump system
- Latest Life Racing ECU with detailed interrogation function for maintenance and analysis
- High-flow racing exhaust system

POWERTRAIN

- Six-speed Hewland sequential transaxle
- Radical developed paddle-activated pneumatic gearshift system with auto-blipper
- WaveTrac automatic torque-biasing limited slip differential
- Mid-engined, rear-wheel-drive

BODY

- Lightweight spaceframe chassis
- LMP-inspired, high-downforce composite bodywork
- LED lighting including FIA high-intensity central rain light
- Bi-plane high-downforce rear wing and under-body rear diffuser
- Composite mirrors
- Sculpted dual-angle rear wing endplates

SUSPENSION

- Fully adjustable Nik-link suspension system, front and rear unequal length top and bottom wishbones, lightweight fabricated uprights
- Front and rear adjustable pushrods
- Forged centre locked hubs
- Interchangeable anti-roll bars
- Intrax triple-adjustable dampers with Anti-Roll Control (ARC) technology

BRAKING

- Radical four-pot calipers on 300mm x 35mm front, 300mm x 26mm rear fully-floating 48-vane disc brakes

COCKPIT

- Two-seater chassis with twin or single-seat options
- Multifunction steering wheel-mounted dash with integral TFT LCD display, lightweight shift paddles and on-wheel switching
- Display functions include digital rev counter, gear indicator, shift light and engine/gearbox strategy manettino controls
- Ergonomic dashboard with waterproof, backlit momentary touchpad
- Dash-mounted brake bias adjuster
- Wind deflector

DATA & ELECTRONICS

- Solid-state Power Distribution Module (PDM) with Controller Area Network (CAN) linked wiring and telemetry
- Advanced data integration and logging allowing additional data options

SAFETY SYSTEMS

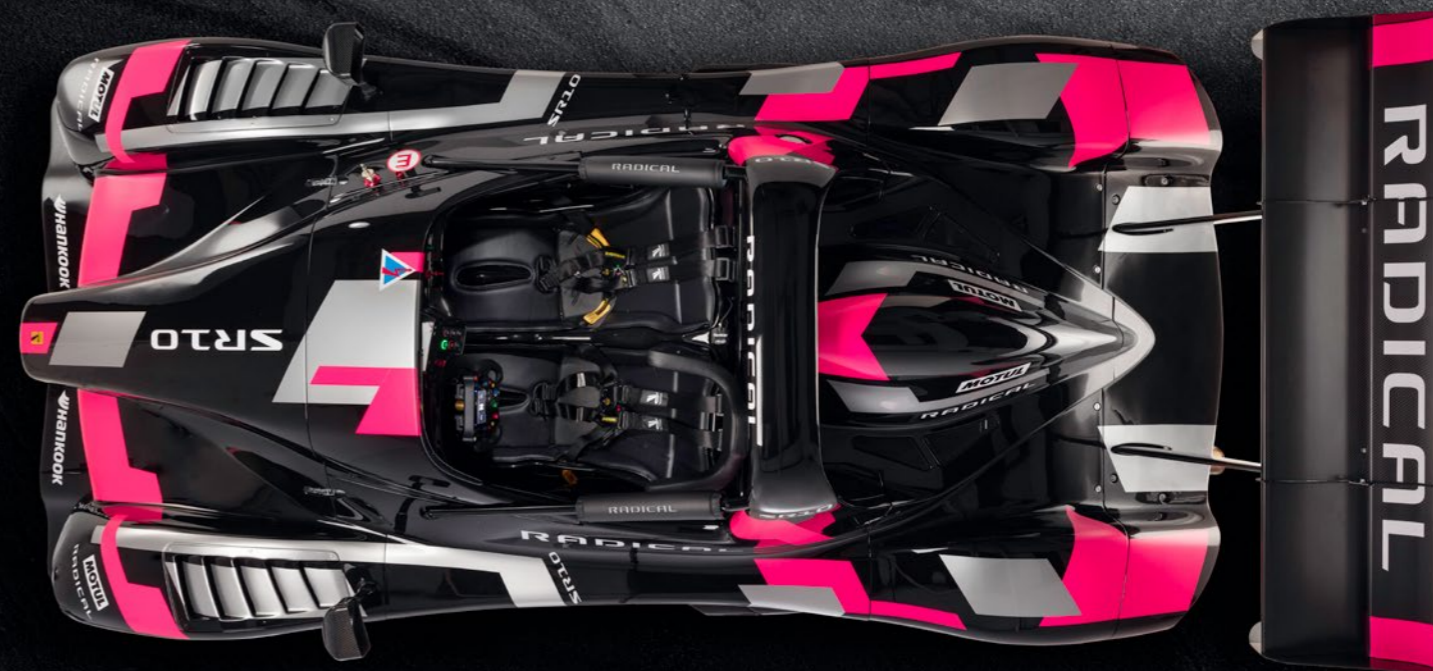
- FIA specification, foam filled 77L fuel cell
- FIA-specification safety cell and crash structure
- Seat optimised for use with moulded high-energy absorbing race insert
- FIA specification fire extinguisher system

WHEELS & TYRES

- Radical centre lock, cast aluminium wheels - 8" x 15" dia. front and 10.5" x 16" dia. rears
- Bespoke slick & wet tyre options

DIMENSIONS

- Length: 4077 mm
- Width: 1799 mm
- Height: 1093 mm
- Weight: circa 725 kg



OPTIONS

• CHASSIS

- Left hand drive or right hand drive
- Single driver seat only (RHD or LHD)
- Central seating position option

• CONVENIENCE PACK

- Racing fuel sampling/drain kit
- Trickle charger and jump starter pack
- Choice of loud & quiet trackday exhausts

• RACING UPGRADES

- Carbon-composite high downforce front dive planes
- Air jack system

• ENHANCED DATA PACK

- AIM SmartyCam video system with GPS
- Brake pressure and steering logging sensors

• ADDITIONAL OPTIONS

- Advanced dynamic laser ride height (front and rear) logging
- Race tyre pressure and temperature monitoring system
- Suspension logging sensors
- Dry-break refuelling system
- Additional fuel dump churn
- EPAS power steering
- Forward-facing stay head protectors
- Wrap-around head restraint
- Passenger belts and head rest
- Bespoke tailored fit car cover
- Radical graphics kit
- Full LED race lighting kit
- Stone guard protection system





RACING AND TRACKDAYS

GLOBAL TRACK OPPORTUNITIES

From rookie trackday enthusiast through to international endurance competition, the SR10 can take you there competitively and reliably. First entering competition in 2021, the SR10 is eligible for most of Radical’s international multi-class championships, and dozens of independent sports car and GT championships across the globe.

Due to its closed-wheel design, modern lighting package and dB meter-friendly low volume exhaust silencing options, the SR10 is also welcomed by a wealth of trackday providers and motorsport clubs. Its two-seat design means that race instruction, corporate use or simply entertaining your friends and family is a big advantage over single-seat alternatives.

Radical’s Race The World programme connects SR10 racers with the Radical track and race framework across the globe, to help you experience legendary, ‘bucket list’ venues including Silverstone, Spa, Laguna Seca and Bathurst. Over 70 events are run each year by Radical’s dealer network – visit our website for more details.





ABOUT RADICAL

Radical Sportscars is one of the world's most prolific sportscar manufacturers, with over 2,200 market-leading race, trackday and road-going cars produced over the last two decades.

From its 1997 inception, Radical set out to create a customer-led niche in the world of motorsport, a race-bred thrill-a-minute driving experience on the race track and road. A combination of lightweight construction, RPE powertrain technology and aerodynamic downforce delivers models faster than a super car, totally driver focused and supremely rewarding to drive.

Now into its third decade, the Radical stable also includes the entry level SR1, the market leading SR3 XX, the Nürburgring record-breaking 405bhp SR8, the road- and track-focused Rapture, plus the RXC Spyder, RXC 600R and RXC GT3.

The Radical SR platform has been in production since 2002 and has underpinned the best-selling SR3 (with over 1,300 sold worldwide to date, and counting), the SR5 CN, SR8, Rapture and now the SR10, making it the most popular racing car chassis available globally. The latest models from the renowned racing car manufacturer are solely designed, engineered and built at Radical's Cambridgeshire headquarters.

Radical was the first manufacturer to bring multi-driver racing with pitstops to club level motorsport. It is a market leader in the way it provides comprehensive spares and technical support, both trackside and between events. The marque's official single-make championships offer the ultimate driving experience and progressive racing ladder for prototype-style sportscar racing for drivers of all abilities, while Radical's 'Race the World' mission offers an end-to-end racing, training and support network across the globe.

GET IN TOUCH

For further information or to arrange a test drive, please contact Radical's HQ or your local dealer. Visit <https://www.radicalsportscars.com/dealers> for the latest list of Radical's global dealer network.



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RADICAL POLICY

In line with Radical Sportscars' policy of continued improvement, the right is reserved to alter the specification at any time.



RADICALSPORTSCARS.COM