



ASTON MARTIN



**ASTON MARTIN CALLUM
VANQUISH 25
BY R-REFORGED**

www.r-reforged.com



"I want to create products that intrigue and excite. The more challenging, the better stories we can tell."
- Ian Callum CBE

In 2001, the Vanquish entered Aston Martin's history as one of its iconic models, and the last to be produced at Newport Pagnell. Now comes the CALLUM Vanquish 25 by R-Reforged, fully endorsed by Aston Martin. Just 25 will be made at R-Reforged's new facility in Warwick.



**BECOME
PART OF THE
STORY...**

“It is rare that a designer has the chance to retell the story of one of their own cars. That’s what I’ve wanted to do for some time.”
- Ian Callum CBE, design director, CALLUM

Ian Callum is one of the most celebrated car designers of the modern era and Vanquish is one of his favourites. Now, 22 years after it was first revealed, the team has revisited the design and given it the refresh it always deserved.

With over 350 design and dynamic changes, Aston Martin CALLUM Vanquish 25 by R-Reforged has been updated and improved in form and function. Advances in materials, technologies and knowledge have enabled new ideas and solutions that enhance driving pleasure.



“The intent of line, form and function must be clear and without ambiguity.”
- Ian Callum CBE, design director, CALLUM

The architecture and iconic lines of the Vanquish have been refined to create a sharper and more purposeful look. Reprofiled front and rear carbon fibre bumpers lift the visuals whilst new high-intensity LED head and taillights provide a purer light. Carbon fibre was also chosen for the side-strakes and one-piece composite window surrounds that replace the clunkier multiple rubber mouldings of the original.





“It’s not solely about performance. It’s also about control, comfort and composure.”

- Adam Donfrancesco,
head of engineering,
R-Reforged

Hunkered down, sitting 10mm lower on new, custom forged 20" wheels, Aston Martin CALLUM Vanquish 25 by R-Reforged exudes stance and presence. That translates to a better and more rewarding driving experience. R-Reforged has partnered with Michelin to supply Pilot Sport tyres that deliver better steering accuracy and lower noise. A revised suspension setup that includes stiffer anti-roll bars, tuned dampers and custom springs has sharpened the ride without being too stiff for Grand Touring. 3D printed ducts feed air to the new carbon ceramic brake set up. It all adds up to a car you want to drive.



“It had to be the V12. It’s the heart of the Vanquish. But Ian and I took a deep breath before we began work.”

- Adam Donfrancesco,
head of engineering,
R-Reforged

Using a new carbon fibre induction, new cams and custom, free-flowing exhaust system, R-Reforged has extracted more performance from the 5.9-litre V12 to deliver an extra 60bhp over the original 520bhp. Manual and fully automatic options are also available alongside the automated manual.

And out of the Integrated Diffuser Exhaust System comes a sound that you will love. It’s a clever design solution too, eliminating the clutter around the valence. And it’s smart engineering because it also works as an aero device.



"The Vanquish was perfect for its time. But I knew it could be better."
- Ian Callum CBE, design director, CALLUM

Look closely and you will find a car full of playful details, each with a story. Take the fuel filler cap, embossed with 'Thunder Road', a sensitive nod to a creative hero whilst both the tail pipes and interior feature design touches to intrigue. You will have the opportunity to spend time with Ian, creating your very personal Vanquish with its own stories. An infinite palette of colours and matching trim are possible, ensuring your Aston Martin CALLUM Vanquish 25 by R-Reforged can be as individual as you.





“We have collaborated with some of the finest British brands for bespoke craftsmanship and style.”
- Anthony Stam, CEO, R-Reforged

In the heart of Britain, R-Reforged's designers and engineers evaluated every element of the car, identifying over three hundred and fifty aspects that could be improved and transformed.

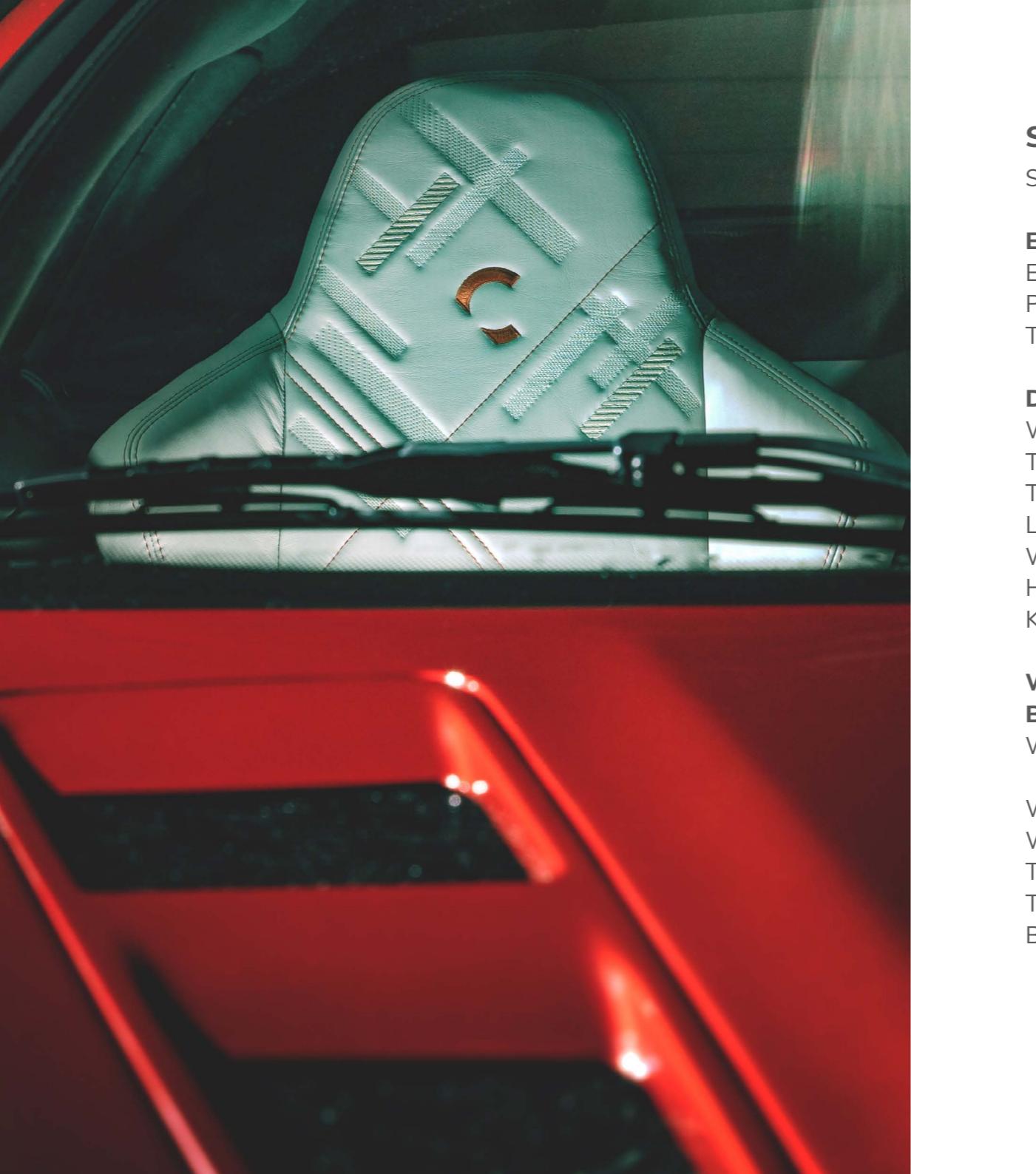
Re-trimmed and re-profiled leather from Scottish Bridge of Weir, showcases CALLUM's modern take on tartan. Created by British watch manufacturer Bremont, an exclusive instrument cluster, is another first for the car. Bremont has also produced a removable mechanical pocket watch that can be used in and outside the car. Bespoke Mulberry luggage, hand crafted in its Somerset Artisan studio, fits snugly behind the rear seats. Everything you need for the perfect road trip.



“Compared to the original, the driving experience is transformed. Turn in, push on, or lean on the brakes, it’s got plenty in reserve. Owners are going to love it.”

- Ian Callum CBE, design director, CALLUM

Over 20,000 miles of development and thousands of hours of engineering have been devoted to build a car that is equally at home on a crossing continents as it is on a twenty minute weekend blast. Rewarding yet predictable, it's an adaptable GT with a blend of accessibility and performance often lacking in today's stiffer, track focussed contemporaries. Open road, city traffic or private track day, versatility has never been more desirable.



SPECIFICATION & KEY FEATURES

Style: Coupe (2-Seater only) – LHD or RHD

ENGINE

Engine: 6.0 Litre V12

Power: 580bhp - 60bhp increase

Transmission option: Manual, semi automatic and fully automatic transmission options

DIMENSIONS

Wheelbase: 2690 mm

Track/tread (front): 1575 mm – (1625mm) 50 mm increase

Track/tread (rear): 1612 mm – (1645mm) 33 mm increase

Length: 4665 mm

Width: 1923 mm

Height: 1318 mm – 10 mm lower

Kerb weight: 1810 kg

WHEEL, TYRES & BRAKES

Wheels:

New lightweight 20" forged aluminium wheels by APP Tech

Wheel size front: 9J x 20"

Wheel size rear: 10J x 20"

Tyres front: Michelin 265/35 20 Pilot Sport

Tyres rear: Michelin 295/35 20 Pilot Sport

Brakes: 398mm and 360mm Aston Martin carbon ceramic brakes front and rear

- Exclusive run of 25 bespoke build Aston Martin CALLUM Vanquish 25 by R-Reforged
- Substantial engine upgrade includes equal length primaries, cams, bespoke calibration and carbon fibre airbox
- Revised external bodywork with carbon fibre bumpers, sills, side-strakes and new wing mirrors. Design changes enabled the team to delete indicator repeaters in wings
- Air intakes machined from solid aluminium
- DLO (Day Light Opening) trim now made from a single piece of carbon fibre instead of multiple, clunky rubber mouldings
- Tuned Bilstein dampers, custom springs, stiffer front and rear anti-roll bars
- Race spec hubs as found on GT3 car improve brake pedal feel
- IDES (Integrated Diffuser Exhaust System) with incorel tips acts as diffuser and clears up rear end
- 3D printed brake ducts produced in house
- New LED lighting units front and rear
- Removable Bremont pocket watch and industry-first cluster
- Mulberry custom luggage set
- Bridge of Weir leather interior featuring CALLUM abstract tartan

**“THIS IS
PERSONAL...”**

- Ian Callum CBE



AF Racing Holding AG



UNIVERSE



EXPERIENCE



MOTORSPORT



REFORGED



SERVICE

Alongside R-Motorsport, R-Experience and R-Service owned by the AF Racing Holding AG, R-Reforged forms part of R-Universe. Encompassing low volume luxury vehicle production and refinement, an international motorsport team, the Aston Martin St Gallen dealership, the 1904 Designed by Lagonda restaurant in Zürich, exclusive events and a revolutionary way to tend for specialist vehicles, the R-Universe embodies what the luxury automotive sector should represent: excellence and an extraordinary customer experience.



REFORGED

R-Reforged is to be recognised as a leader in the creation of desirable and personalised limited-edition vehicles. Born out of a passion for highly crafted bespoke products, R-Reforged exists to create emotive and collectable automotive sculptures that will deliver an unparalleled ownership experience.



17

CALLUM

CALLUM is a design and engineering business creating bespoke and limited-edition products. Focused on design, lifestyle and travel, it takes on projects that intrigue, excite and tell a story.

It is a collaboration of talented and experienced individuals with a desire to create.



18





ASTON MARTIN



contact@r-reforged.com

www.r-reforged.com