



ZERO

Generation 2



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The Ultimate Self Assembly



BRITISH ENGINEERING EVOLVING

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Complete Component Build

The Ultimate Self Assembly

Great British Sports Cars are proud of their hard-earned reputation for quality and attention to detail. We are a team of skilled craftsmen who take pride in their work, utilizing the most up to date design and manufacturing techniques combined with traditional skills to give you a complete build package to the highest standards. With over 13 years of Zero production experience, we have now developed the Second Generation car compiling a decade of refinements and enhancements into one comprehensive build package.

This complete component build comes with all parts to a high specification and many options are included as standard giving you a exceptional and capable car out of the box.

The Zero leads the way with high-quality, great design and innovation so that you can enjoy a lifetime of driving experiences that continue to thrill and amaze on every journey.

Specification

- 2.5ltr Ford Duratec
- RHD or LHD
- Sub 600kg
- Standard 200hp /196ft-lb
- 5 Speed Mazda Gearbox
- 50 / 50 Weight distribution
- Pre-paneled Chassis
- 0-60 sub 4 Seconds
- 120 Hour build
Experience dependant
- No special tools required
- Responsive driving experience
- IVA compliant
- Ideal for road & track
- Fully trimmed interior
- Custom paint design
- Unrivalled support
Pre, during & post build.

At a glance

How it works....

We have designed the ultimate self build Zero kit, to be assembled and purchased in five different stages. This helps with planning, building and budgeting, or if you prefer it can be purchased as a whole package starting at £27,777. **Start planning your build today.....**

- **Phase One**
The Foundation of your build allowing you to specify the chassis options you want.
- **Phase Two**
Is the main part of your cars internal plumbing and systems are installed.
- **Phase Three**
The suspension is built and Interior styling begins and mechanicals start going in.
- **Phase Four**
The performance package sees the engine installed.
- **Phase Five**
The wheels and finishing touches to get your Zero on the road.

There are a range of optional extras and upgrades available along the way, so you will be building a truly individual sports car that is unique and bespoke to you.

**FINANCE
OPTIONS ARE
AVAILABLE
ON THE ZERO
RANGE**

*TSC Apply

Each phase has shipping in mind so it can be packaged up easily to be delivered directly to your workshop where ever you are around the world. Or can be collected directly from the factory if you prefer.

Quotes can be provided for delivery, please contact us.



Phase One

£4,501
Inc VAT

This first phase sees you getting your full space frame chassis with the option to have either standard or GT, left or right hand drive. Whichever chassis option you choose it comes complete with lowered floor and full powder coating, delivered on a custom design build trolley.

All the aluminium panels are then factory fitted and bonded to the chassis by one of our craftsmen to give you both the highest quality of fit and finish and the perfect start for your build journey.

What's Included:

- **Fully powdered coated space frame chassis**
Powder coated & with lowered floor as standard.
- **Gen 2 Aluminium panels**
CNC profile cut Aluminium panels and pre folded interior / exterior panels. Louvered bonnet as standard.
*Lowered bonnet not available on the GT option currently.
- **Build trolley**
Ideal to help with your build as they can be easily wheeled in and out of the workshop. Fitted with braked caster wheels it ensures it will keep your Zero chassis secure whilst you build & provides the perfect working height.
- **Gen 2 Rear Fuel system**
30Ltr Aluminum tank with a fast fill filler neck & integral pump & filter mounts. Ready to be bonded to chassis.
- **Lowered floor**
With mounting holes pre-drilled for seats, exhaust and diffuser.
- **Pedals and pedal box**
Ergonomically designed pendulum pedals.
- **Gen 2 Factory fitted panels**
Fully welded, formed and fitted rear panel, side panels bonded all interior panels fitted. Brake line clips & riv nuts into chassis all fitted, fully assembled scuttle, pre formed bonnet with louvers & bonnet pin & catch holes.
*Welded rear panel narrow body only currently.
- **Fixings**
Bonnet catches, pins, rivets, grommets, nuts & bolts.

Optional Extras / Upgrades:

- Right Hand Drive GT
- Left Hand Drive
- Left Hand Drive GT

The GBS Zero range is available as right hand or left hand drive and as a Standard width or GT (grand tourer /wide body) chassis option, which allows greater access and a more comfortable seating position for the taller/larger driver.



Phase One

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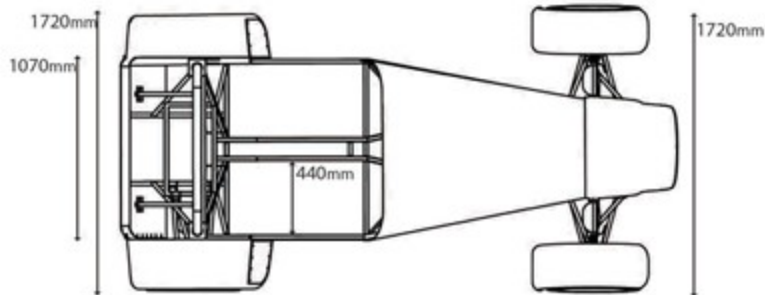
The Zero chassis is a full space frame design, utilising both round and square tubing depending upon load requirements. All brackets and mounts are attached to the chassis including the roll bar. The chassis has a lowered steel floor as standard for both safety and strength. Added to this incredibly strong space frame chassis are the alloy panels, these are factory bonded to the chassis to form a stressed skin, which increases the torsional rigidity and strength of the overall structure giving greater dynamic performance.

The chassis has been designed to give improved ergonomics and a more comfortable driving position along with increased interior space. The zero is available in two chassis options either standard body or GT. The GT gives an extra 80mm in width, without changing the foot print of the car, making it ideal for the taller / larger driver. There is also a large boot area which is perfect for touring.

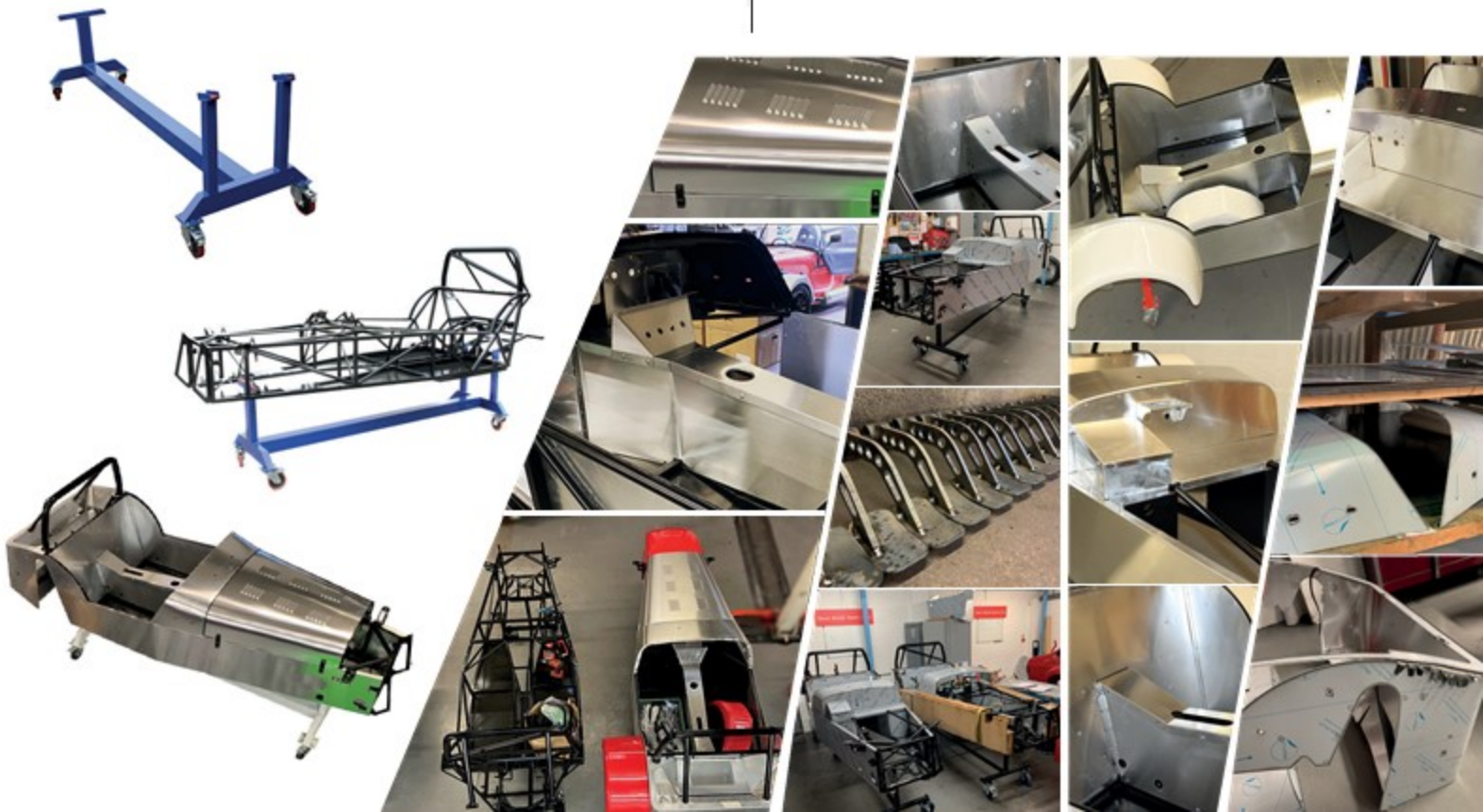
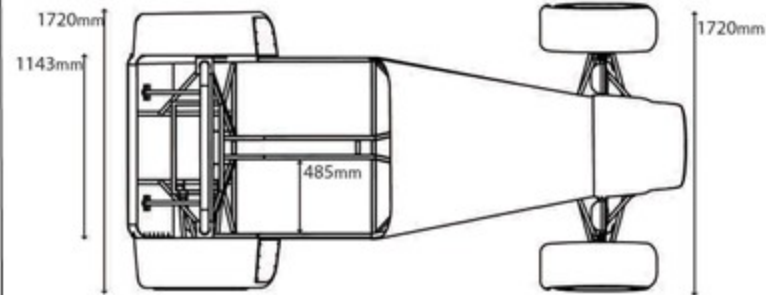
The Zero range is available in both right hand and left hand drive.



Zero Standard dimensions



Zero GT dimensions



Phase Two

£1,391
Inc VAT

Phase two is where the main part of your cars internal systems are installed through the chassis and the decisions are made for the look of your Zero, here you will be choosing the exterior style and colour of your car. Then once this phase is complete the car is now ready to go to the paint shop, for its full custom paint job which can be truly individual to you.

What's Included:

- **GRP Bodywork**
High quality doubled gelled GRP panels for the Nose Cone, Front Sport Wings & Rear wings.
Available in a choice of 9 colours, or flat white to paint.
- **GRP Dash & lower dash panel**
- **Brake lines**
Pre cut to length & flared ready to install into your chassis with all clips & fittings.
- **Brake Master Cylinder**
With fixings & adjustable fork end.
- **Clutch Cylinder**
With fixings & adjustable fork end & S/S braided hose.
- **Reservoir kit**
Remote reservoir with all mountings & pipe work for both clutch & brake cylinders.
- **Hand Brake Pack**
Custom hand brake lever, disc brake cable & quadrant.
- **Fuel Sender & Pumps**
Low pressure fuel pump & filter to mount directly to tank & fuel sender for instruments & fuel lines.
- **IVA Trim Kit kit**
Consists of all the trim & covers required to be fitted for the IVA Test.
- **Head lamps**
- **Nose Cone Grill**
- **Fixings**
All required fixings for this stage.

Optional Extras / Upgrades:

- Classic cycle wings in choice of colour
- Sports front wings in carbon fibre
- Zero Dash in carbon fibre
- Rear under body diffuser (GRP only)
- Preparation to paint (brake lines, fuel lines fitted)
- Full custom paint - See paint option sheet



Phase Two

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The Zero nose cone, front wings, rear wings, dash and diffuser are all made from high quality glass reinforced plastic with a gel coat finish (GRP) available in a choice of 9 colours, with the remaining panels all in Aluminium. If you choose to have the paint option your GRP will be in flat white ready for paint. If you are looking for something extra special, there is the option to have carbon fibre dash and front wings, this not only looks great but is also weight saving.





Our unique Rear Diffuser has been designed to enhance airflow underneath the rear of the car, reducing drag and adds a small amount of downforce. But also provides a cleaner look to finish off the back of the car.



Zero Colour Options

The Zero range is available in a choice of 9 GRP Colours

Standard Colours:

-  -Panther Black
-  -White
-  -Oxford Blue
-  -British Racing Green

Premier Colours additional £45.00.

-  -Gulf Blue
-  -Kawasaki Green
-  -Yellow
-  -Post Office Red
-  -Orange



See point sheet for paint options & details.



Phase Three

£7,734
Inc VAT

Phase three is where the car begins to take shape and look like a Zero, with the rear suspension, interior and finishes along with many of the major components installed. Here you will choose your dashboard, instruments, and install all the interior which includes pre cut carpet, luxury comfort seats with a choice of stitching and options. You will install the full electrical harnesses for the whole car along with battery cables. You will then install the rear drive train, wishbones & ECU. This completes the whole of the rear end and interior of your Zero.

What's Included:

- Complete Lighting Package
- Differential and Prop Shaft
- Drive Shaft
- Rear Wishbones
Fully independent double wishbone & suspension.
- Main Wiring Harness plug & play system with fuse & relay box fully terminated with all plug also the dash loom etc.
- Battery Lead kit
- Engine Harness plugs directly in to the main harness and ECU.
- Life F88 ECU
Is a high level of precision engine management controller. This powerful unit allows advanced control algorithms, safety modes and future update to be installed.
- Gen 2 Carpet Set
21 Piece carpet set, laser cut ready to fit, with high temperature adhesive
Suitable for both RHD & LHD.
- Rear Brakes
Calipers & stainless braided hoses.
- Momo Steering Wheel
280mm steering wheel design integrates the finest leather and airleather materials that feature a sculpted grip & black spokes.
- Smith's Instruments (Flight)
These are an electronic servo driven dial fully LED back lit & have all the warning lamps built in, giving you the classic look with a modern twist, with a choice of face & bezel colour.
- Gen 2 GBS Seats
Stylish seat are both light weight & extremely supportive giving great comfort, come complete with adjustable runners.
- TRS GBS Harnesses
Adjustable 4 point harness ideal for both road & track, with GBS branding. Black is Standard, but other colours are available on request.
- Wheels and tyres (Rear)
Yokohama AD08 these offer great all round performance for all condition fitted to a Team Dynamic Pro Race wheel.
- Fixings
All required fixings for this stage.

Optional Extras / Upgrades:

- GBS Black Vinyl Covered seats choice of stitching.
- Heated Seats (per pair)
- Colour for stitching of handbrake & gear gators.
- GBS Composite shell fast road seat
- 2" Magnum Ultra lite 4pt Harness (per pair)
- Step over covers carbon fibre (pair)
- Carbon Fibre Stone Guards (pair)
- Gen 2 Crescent in carbon fibre (pair)
- ATR Lightweight Zero specific rear dampers
- ATR lightweight rear suspension inc shafts (POA)
- Limited Slip Differential upgrade at POS
- LSD Oil
- Gen 2 Car dressing kit, alloy cups for suspension, engine etc.
- 8x15 (Team Dynamic Pro Race)
- Yokohama 205x50x15 (AD08)
- Aims MXP Strada dash



Phase Four

£10,786
Inc VAT

Phase four is the performance package which sees the installation of the engine and gearbox along with all the engine ancillaries. Driving a sports car is an intense experience, this is why the 2.5ltr Duratec engine gives effortless performance and drive ability complemented by a slick modern gearbox, whether it is an adrenaline filled drive or touring it gives the best of both.

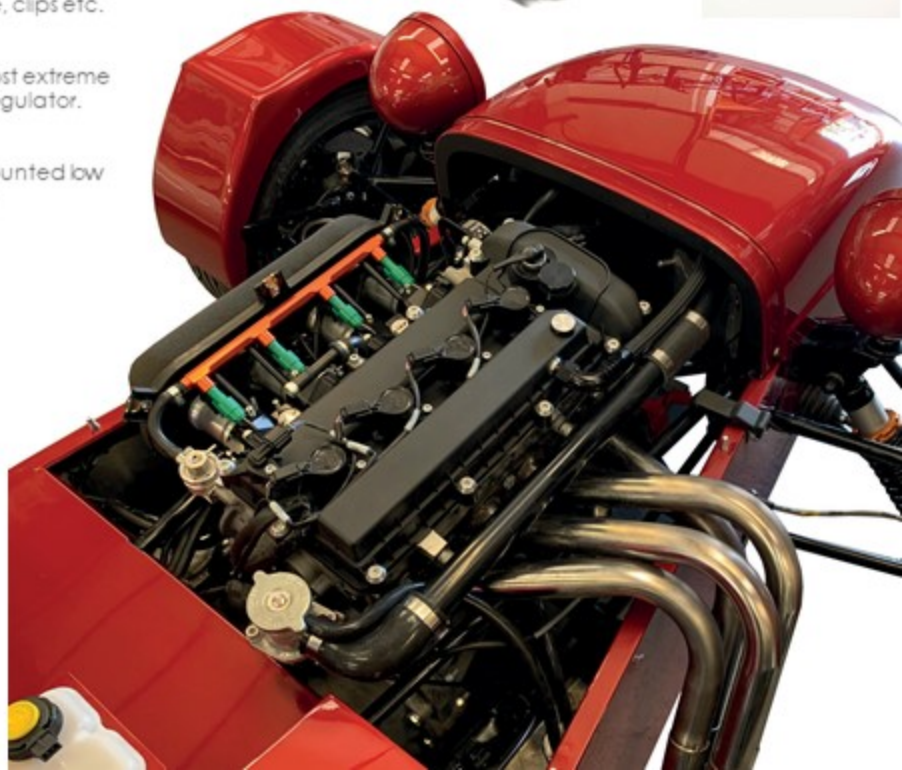
What's Included:

- **2.5 ltr Duratec Engine**
The 2.5ltr Duratec installation will achieve 200bhp / 196ft-lb.
- **Engine & gearbox Mounts**
- **Flywheel Clutch pack**
- **ATR Products Throttle Body inlet system**
Billet aluminum 45mm throttle bodies on incline manifold & one piece fuel rail, with pipercross filter.
- **ATR Products Sump**
Billet aluminium shortend sump with integral baffles
- **Gearbox with short shift**
5 Speed Mazda Gearbox with billet alloy remote short shift, gives a more ergonomic position & sharp gear change.
- **Alternator kit**
High output Alternator with billet alloy brackets & pulleys.
- **Starter Motor**
- **Coil packs and injectors**
Coil on plug ignition, Bosch green high flow injector to future proof your fuel needs.
- **Gen 2 Duratec Exhaust Manifold**
42mm 304 stainless steel 4-2-1 optimized to give maximum power & torque with 63mm collector.
- **Exhaust Silencer with Cat**
Silencer has 63mm through bore for optimized flow with integrated catalyst & acoustic wading, this meets all emission & the strictest noise limits, yet still sounding great.
- **Cooling system**
This is the thermostat housing, bungs, expansion tanks, hose, clips etc.
- **High pressure fuel system**
Standard swirl pot ensuring optimum fuel flow under the most extreme condition, this coupled to a Bosch pump & our own billet regulator.
- **Battery**
We use a small high out lead acid sealed battery that is mounted low at the front of the chassis giving a better wight distribution.
- **Engine fluids & Gear Oil.**
- **Fixings**
All required fixings for this stage.



Optional Extras / Upgrades:

- **Lightweight Lithium battery inc charger**
- **Lightened performance flywheel & clutch**
- **Carbon fibre throttle back plate**
- **Motul V300 Engine oil upgrade**
- **Motul Gearbox oil upgrade**
- **Engine super charger July 2020 POA**
- **Engine upgrade POA**
- **Engine upgrade 250HP Mountune POA**
- **Engine upgrade 310HP mountune POA**



Phase Four

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The engine is installed further back in the chassis giving the Zero perfect 50/50 balance. This provides optimal control and predictability for maximum confidence and enjoyment. Coupled with the effortless power of the 2.5ltr Duratec and the modern gearbox you will have an extremely capable package.

As standard the Zero is fitted with billet 45mm ATR throttle bodies allowing the engine to breathe, along with a 42mm 304 stainless 4-2-1 optimized exhaust manifold. Giving a great sound without being too loud thanks to our unique silencer system that has built in catalyst to meet the stringent emissions standards.

The engine is controlled by a Life Racing F88 ECU that gives precision control of all aspects of the engine from warm up cycles, full wide band lambda control and safety modes if something was to go out of limits. It also has the built in capability to add future features like traction control, multiple maps and many more.

All the engine ancillaries are custom design for the Zero from the billet alternator bracket and pulleys to the oil housing and sump.



Phase Five

£3,364
Inc VAT

Phase five supplies you with the final parts to finish your Zero, where the front suspension is fitted and you get to see it on its wheels for the first time. Along with all the final components getting installed, you can then start the engine and hear your car come to life. Your finished car is now ready for the final setup and checks preparing it ready for the IVA and road registration. Then the fun begins.....

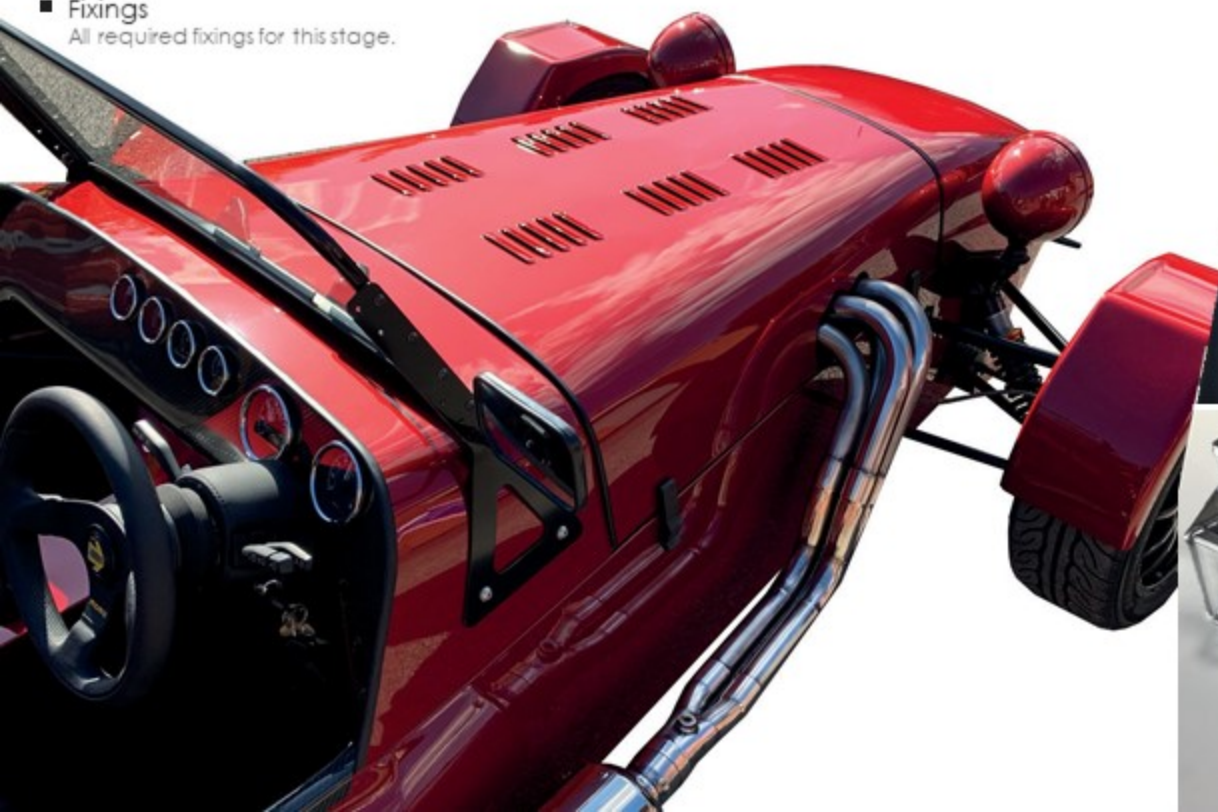
You can now join an exclusive world wide community and proudly say that you have built your very own Great British sports car.

What's Included:

- All front wishbones
- Front Shocks
Fully adjustable shocks with springs.
- Gen 2 High Performance 60m Radiator
Lightweight high cooling efficient radiator, fitted as standard ensuring you never have temperature issue even in the hottest climates.
- Spal Fan
Superior performance Axial flow cooling fan.
- Steering Quick Rack
Fitted as standard which compliments the drive, and enhances the driving pleasure.
- Front Brakes & Hubs
- Wheels & Tyres
Front Wheels with Yokohama Tyres (choice of wheel colour).
- Windscreen
Pre assembled windscreen ready to fit, black powder Coated.
- Wiper Motor Kit
- Brake Fluid & engine coolant
- Mirrors
Side mirrors & interior rear view mirror.
- Fixings
All required fixings for this stage.


Optional Extras / Upgrades:

- ATR lightweight front suspension exc dampers
- ATR lightweight front Zero specific dampers
- ATR lightweight brake only upgrade
- Oil cooler and sandwich plate
- Heated screen upgrade
- DLR Style Headlight Upgrade




Phase Five


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As standard the Zero comes with our enhanced cooling system this has been developed to withstand the most extreme conditions. There is also the option to add an oil cooler to the engine for those who are doing extended track use especially in hotter climates.



The Zero comes with a 2.9 ratio steering rack giving greater feed back and control without feeling heavy, you are then connected to the road via Yokohama AD08 tyres that work in perfect harmony with the suspension and chassis in all conditions.



The windscreen comes fully assembled ready for fitment. With the option for a heated screen for all year-round motoring which goes nicely with the heated seat upgrade option.



You can upgrade the front suspension to the billet CNC machine ATR front hubs and 4 pot callipers, this reduces the un-sprung mass and increases braking performance as well as giving improved road holding and adjustability.



Phase One £4,501

Phase One		<input type="checkbox"/>
Right Hand Drive GT	£980.00	<input type="checkbox"/>
Left Hand Drive	£600.00	<input type="checkbox"/>
Left Hand Drive GT	£1,580.00	<input type="checkbox"/>

Phase Three £7,734

Phase Three		<input type="checkbox"/>
Black Vinyl Covered seats choice of stitching.	FOC	<input type="checkbox"/>
Additional cost for heated seats (per pair)	£300.00	<input type="checkbox"/>
Colour stitching of handbrake & gear gators.	FOC	<input type="checkbox"/>
GBS Composite shell fast road seat	FOC	<input type="checkbox"/>
2" Magnum Ultra lite 4pt Harness (per pair)	£346.80	<input type="checkbox"/>
Step over covers carbon fibre (pair)	£252.00	<input type="checkbox"/>
Gen 2 Crescent in carbon fibre (pair)	£132.00	<input type="checkbox"/>
Gen 2 Carbon Fibre Stone Guards (pair)	£340.00	<input type="checkbox"/>
ATR Lightweight rear Zero specific dampers	£264.00	<input type="checkbox"/>
ATR lightweight rear suspension inc shafts	£1,094.86	<input type="checkbox"/>
Limited Slip Differential upgrade at POS	£780.00	<input type="checkbox"/>
LSD Oil	£31.18	<input type="checkbox"/>
Gen 2 Car dressing kit, alloy cups for sus, eng etc	£168.00	<input type="checkbox"/>
8x15 (Team Dynamic Pro Race)	£67.20	<input type="checkbox"/>
Yokohama 205x50x15 (ADO8)	£79.20	<input type="checkbox"/>
Aims MXP Strada dash	£612.00	<input type="checkbox"/>

Phase Five £3,364

Phase Five		<input type="checkbox"/>
ATR lightweight front suspension & Brakes	excl dampers £1,354.08	<input type="checkbox"/>
ATR lightweight front Zero specific dampers	£264.00	<input type="checkbox"/>
ATR lightweight brake only upgrade	£662.40	<input type="checkbox"/>
Oil cooler and sandwich plate	£270.00	<input type="checkbox"/>
Heated screen upgrade	£252.84	<input type="checkbox"/>
DLR Style Headlight Upgrade	£36.36	<input type="checkbox"/>

Finance options are available on all or part of packages.

Phase Two £1,391

Phase Two		<input type="checkbox"/>
Classic cycle wings in choice of colour	FOC	<input type="checkbox"/>
Sports front wings in carbon fibre	£324.00	<input type="checkbox"/>
Zero Dash in carbon fibre	£224.00	<input type="checkbox"/>
Rear under body diffuser (GRP only)	£209.00	<input type="checkbox"/>
Preparation to paint (brake lines, fuel lines fitted)	£480.00	<input type="checkbox"/>
Full custom paint - See paint option sheet	POA	<input type="checkbox"/>

Phase Four £10,786

Phase Four		<input type="checkbox"/>
Lightweight Lithium battery inc charger	£192.00	<input type="checkbox"/>
Lightened performance flywheel & clutch	£152.00	<input type="checkbox"/>
Carbon fibre throttle back plate	£72.00	<input type="checkbox"/>
Motul V300 Engine oil upgrade	£54.40	<input type="checkbox"/>
Motul Gearbox oil upgrade	£26.40	<input type="checkbox"/>
Engine super charger July 2020	POA	<input type="checkbox"/>
Engine upgrade	POA	<input type="checkbox"/>
Engine upgrade 250HP Mountune	POA	<input type="checkbox"/>
Engine upgrade 310HP mountune	POA	<input type="checkbox"/>

Complete Component Build £27,777

Whole Component Build Package	<input type="checkbox"/>
Select your optional extras from the above Phases.	

There have been a selection of optional extras and upgrades along the way in this complete component build and here are a few more that you might like to consider to add to your Zero now or at a later date once its on the road.

Optional Extras:

Gen 2 Doors	TBC	<input type="checkbox"/>
Gen 2 Tonneau Cover	TBC	<input type="checkbox"/>
Gen 2 Full wet weather gear	TBC	<input type="checkbox"/>
Gen 2 Bikini top Roof	TBC	<input type="checkbox"/>
Traction Control option only on GBS hubs	£840.00	<input type="checkbox"/>
Quick release detachable steering wheel	£137.99	<input type="checkbox"/>



ZERO

Generation 2

Complete Component Build The Ultimate Self Assembly

Throughout your build you will receive unrivalled support and comprehensive technical support, along with backup for every phase with great advice and tips from the skilled team at GBS, and become a member of the GBS community.

Once your build is complete it will be ready for the IVA test and registration, then it can be enjoyed on the road. Please visit our website for details about the IVA Test and IVA Service that we offer at GBS, as well other details like Insurance and finance that you might find of interest.

For more details please visit our website or contact one of the GBS team to discuss your build project. We would always recommend a visit to the GBS Factory where a warm welcome awaits you, here you can see and sample the Zero for yourself.

Throughout the world, building your own car is a dream that unites peoples passion, transcends cultures, gender and age, make it happen and start your journey today.....

We look forward to hearing from you.

www.greatbritishsportscars.com



Wherever
you look on
the Zero you
can make it
your own...

BRITISH ENGINEERING EVOLVING

*Great British Sportscars Ltd reserves the right to change specifications, contents and price at any time



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