



*Hurricane*





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Styled along the lines of those classic sports cars of the fifties and sixties, the Hurricane offers an exciting alternative that's fun to drive and cheap to run. The tough, non-rusting GRP body is hand laminated using only the finest quality materials, and it's built to last. It's easy to see why we are fast establishing a reputation for quality and value.

The Hurricane is one of the simplest kit cars to build as it is essentially a body replacement for the Triumph Spitfire or GT6. Using the Spitfire folding hood and wind-down windows, and with the option of a hard-top, the Hurricane is a truly practical fun car.

With its classic style and character, its robust construction and well thought-out design, we believe that the Hurricane is simply the best Triumph based component car available.





### **Easy Assembly**

The Hurricane can be assembled by almost anyone provided they have a basic tool kit. No welding is necessary and in fact you don't even need to disturb the engine and suspension assemblies from the chassis. The body is attached to the chassis by fourteen bolts, the positions of which are pre-drilled for ease of assembly.

To make the assembly of the kit quicker and easier, we have designed the Hurricane in such a way that virtually every mechanical or electrical component from the base car fits directly without modification.

### **Power or Economy**

With a choice of power units from 1150cc to 2500cc there is one to suit your requirements for power

or economy. If you decide after building your Hurricane that you want increased performance, it is a relatively simple matter to upgrade your 1150cc or 1300cc car to GT6 2 litre specification without modifying engine mountings, chassis or bodywork. Similarly, braking and suspension systems can be upgraded to GT6 specification. If you still want more performance there is always the 150 BHP TR6 power unit ....

### **Comfort**

With adjustable seats and steering column, there is plenty of leg-room even for six footers, and room to drive with arms outstretched.

### **Luggage Space**

There is a good sized boot, larger than the Spitfires, and the boot-lid is sufficiently strong for a luggage rack to be fitted if required. Oddments may be stored behind the seats and a lockable glove compartment may be fitted in the dashboard.



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# Technical Specifications

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	Hurricane based on GT6 Mk 2	Hurricane based on Spitfire Mk 3
<b>Engine</b>		
Cylinders	6 in-line	4 in-line
Cubic Capacity (cc)	1998	1296
Bore and stroke (mm)	74.7/76	73.7/76
Maximum Power	104 BHP at 5300 RPM	75 BHP at 6000 RPM
Maximum Torque	117 lb.ft. at 3000 RPM	75 lb.ft. at 4000 RPM
<b>Transmission</b>		
Clutch	8.5" SDP Diaphragm	6.5" SDP Diaphragm
Gearbox	Manual. Synchromesh on all forward gears. Overdrive optional.	Manual. Synchromesh on 2, 3 and 4. Overdrive optional.
Final Drive	Hypoid bevel. 3.27:1 or 3.89:1	Hypoid bevel. 4.11:1
<b>Suspension</b>		
Front	Independent by unequal length double wishbones and coil springs with telescopic dampers and anti-roll bar.	
Rear	Independent with transverse upper leaf spring, lower wishbones, radius arms and telescopic dampers.	Independent by swing axles with transverse leaf spring, radius arms and telescopic dampers.
<b>Brakes</b>		
Front	Discs 9.7" diameter.	Discs 9" diameter.
Rear	Drum 8" diameter.	Drum 7" diameter.
<b>Performance</b>		
	<b>Hurricane 2L</b>	<b>Hurricane 1300</b>
Maximum speed	110 MPH	97 MPH
0 to 60 MPH	9.5 seconds	13.6 seconds
Fuel consumption (average)	27 mpg	33 mpg



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<b>Dimensions</b>	
Overall length	148"
Overall width	58"
Track (front)	49"
Track (rear)	48"
Wheelbase	83"
Overall height	47"
Ground clearance	5"
Turning circle	24 ft.
Kerb weight (est.)	14 cwt. with 4 cylinder engine. 15 cwt. with 6 cylinder engine.
Fuel capacity	9.9 Gallons

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## General Information

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### How to arrange a demonstration appointment

We are particularly proud of the quality of workmanship that goes into our cars, so we are always happy to welcome visitors. To arrange an appointment you simply need to phone in advance of your visit to our works. You will find a map showing how to get to Vincent Cars on the back cover of this brochure.

### How to order

Simply fill in the order form provided and send to us with the required deposit. You will then receive your building instructions and a collection date for your kit.

### Spares and repairs

We can supply replacement panels or sections, as required, whereas most mechanical parts are easily obtainable through Triumph specialists.

### Delivery

We prefer customers to collect their Hurricane kits, but if you are unable to do this, we can, of course, arrange delivery, at extra cost.

### Insurance

Some insurance brokers will not be interested in insuring any kit car and will consequently give very high quotes. However, there are now a number of kit car insurance specialists who offer very competitive rates. If you have any difficulty with insurance we can put you in touch with one of these.

### Car tax and registration

As the Hurricane is based on the chassis and running gear from one vehicle, the original registration is retained and therefore new car tax does not apply. Once the kit is completed, it should be taken for a normal DOE test and the DVLC should be notified of any change of colour, etc. Hurricane kits are exempt from Type Approval.

### VAT

All kits and accessories purchased from Vincent Cars are subject to VAT. Export orders, however, are exempt from VAT.

### Expert advice

Our service does not end when you take delivery of your Hurricane kit. If you need advice during any stage of the build-up of your kit we are always prepared to help.

### Fully built cars

If you want a Hurricane but don't have the time or the inclination to build one, we sometimes have complete cars available built by us to the highest standards. Alternatively, we could build you a car to your specifications, with any tuning or suspension modifications you may require.

### Further questions

If you have any further questions concerning Hurricane kits that are not answered by the brochure, just phone or write to us and we'll be pleased to help.

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