

## CONFIGURATION

Rear-mid engined coupe

Central driving position with two outboard passengers

Rear-wheel drive

## DIMENSIONS

Length	4,598 mm
Width	1,932 mm
Height	1,149 mm
Wheelbase	2,706.5 mm
Front track	1,604.4 mm
Rear track	1,548.5 mm
Ride height	95 mm (front), 110 mm (rear)
Turning circle	~10.9 metres
Weight	< 956 kg
Dry weight	< 927 kg

## ENGINE

Type/number	Cosworth GMA
Configuration	V12 semi-structural
V-angle	65°
Capacity	3,994 cc
Bore	81.5 mm
Stroke	63.8 mm
Compression ratio	14:1
Maximum power	650 PS @ 11,500 rpm
Maximum torque	467 Nm @ 9,000 rpm
Power to weight ratio	~680 PS per tonne
Maximum rpm	12,100 rpm
Valve train	Gear driven double overhead camshafts inclined axis four valves per cylinder – Variable valve timing on inlet/exhaust
Induction system	RAM induction airbox – four throttle bodies – Direct Path Induction Sound (DPIS)
Exhaust system	Inconel and Titanium
Lubrication system	Dry sump
Cooling system	Water/ethylene Glycol mix
Oil cooling system	Oil to air cooler
Ignition system	12V coil-on-plug
Starter/alternator	48 volt gear driven integrated starter/generator
Engine block	Aluminium alloy
Cylinder heads	Aluminium alloy
Connection rods	Titanium
Valves	Titanium
Total engine weight	178 kg
Engine mounting	Semi-structural Inclined Axis Shear Mounting (IASM)
Power density	166 PS per litre

## TRANSMISSION

Configuration	Transverse with high-speed bevel gears and spur gear final drive			
Speeds	Six forward speeds plus reverse: full synchro mesh			
Gearchange	Manual H pattern with reverse lock-out			
Differential	Limited slip (Salisbury)			
Clutch	184 mm diameter – Triple-plate carbon silicone and titanium			
Driveline	Tripod joints and gun drilled drive shafts			
Casing	Aluminium alloy			
Lubrication	Pressure lubrication			
Oil cooling	Mid-mounted combined radiator			
Input bevel	1.688:1			
Final drive	3.176:1			
Weight	80.5 kg			
Ratios	First	2.833:1	Fourth	1.226:1
	Second	2.095:1	Fifth	0.971:1
	Third	1.577:1	Sixth	0.595:1

## CHASSIS

Front suspension	Double wishbone
	Rising rate pushrod operation
	Steel coil springs over aluminium dampers
	Anti-roll bar
Rear suspension	Forged aluminium alloy uprights
	Double wishbone (forged aluminium alloy) toe link
	Rising rate pushrod operation
	Steel coil springs over aluminium dampers
Steering	Forged aluminium alloy uprights
	Inclined Axis Shear Mounting system (IASM)
	Rack and pinion (LSPD)
Front brakes	370 mm x 34 mm CCM-R
	Six-piston air-cooled aluminium alloy Monobloc calliper
Rear brakes	340 mm x 34 mm CCM-R
	Four-piston air-cooled aluminium alloy Monobloc calliper
Hubs and bearing carriers	Formula 1 style lightweight hubs – Centre lock nut wheel attachment
Wheels	Forged aluminium alloy
	Front 19" diameter x 8.5"
	Rear 20" diameter x 11"
Tyres	Michelin Pilot Sport Cup 2
	Front 265/35 ZR19
	Rear 335/30 ZR20

## MONOCOQUE

Multi-part bonded carbon fibre sandwich panels with aluminium honeycomb core
Carbon or metallic inserts

## BODY

Monolithic and cored carbon fibre panels
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## AERODYNAMICS

Ground effect aerodynamics

## FUEL SYSTEM

Aluminium alloy tank 76 litre capacity including six litre reserve - In tank pumps and high-pressure delivery pump

## CAPACITIES

Fuel tank 76 litres

Oil capacity 14 litres

Luggage capacity Nil

## ISG COOLING

Independent water-cooling system mid-mounted combined radiator

## ENGINE COOLING

Water-cooled - Two front-mounted radiators, one mid-mounted combined radiator

Electrical fans

Mid mounted radiator

## POWER MODULE COOLING

Direct cooling with refrigerant

## DRIVER AIDS

Traction control and Electronic Stability Programme (ESP) (switchable)

Anti-lock Braking System (ABS)

Vacuum assisted brakes

Low Speed Power Assisted steering (LSPA)

## PRIMARY CONTROLS

350 mm diameter carbon fibre steering wheel

Aluminium alloy brake and clutch pedal - Titanium throttle pedal

Titanium gearchange hand control

## SECONDARY CONTROLS

Rotary switches Rev-match

Lights

Wiper controls

HVAC fan speed

HVAC cabin temp

HVAC zone control

#### DISPLAY

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Right-hand screen	Infotainment
Left-hand screen	Car
	Engine
	Information

#### SOUND SYSTEM

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5 speaker audio system (2 mid range, 2 tweeter, 1 subwoofer)

#### INSTRUMENTS

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120 mm diameter analogue rev counter

#### POWER MODULE

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Combined 12 volt and 48 volt unit with integrated inverter and control system

#### ISG

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20 kW 48 volt – Gear driven from front of crankshaft