

Technical specification

SPYKER C8 AILERON

Body style

Two-door, two-seater mid-engined sports coupe. All-aluminium spaceframe chassis composed of extrusions and folded sheet aluminium, with 'superformed' aluminium body panels. Extruded aluminum side-impact bars and integral rollover bars. Xenon headlights with LED sidelights and indicators. LED taillights. Longitudinally-mounted V8 engined driving the rear wheels via a six-speed automatic transmission with paddle controls.

Engine

Type Normally aspirated 90 degree V8 with VVT

Capacity 4.2-litre, 4172 cc Bore & Stroke 84.5 x 93.0 mm

Compression ratio 11.0:1

Max power 400 ps (298 Kw) @ 6800 rpm Max torque 480 Nm (354 lb ft) @ 3500 rpm

Max revolutions 7200 rpm

Valves 40 (5-per-cylinder)
Fuel system Multi-point fuel injection

Exhaust system Stainless steel with active bypass valves

Drivetrain & Transmission

Transmission Rear-mounted ZF Tiptronic 6-speed automatic

Type Torque converter with fully auto and sport/semi-auto modes

Gear shift Steering wheel-mounted paddle shift controls

Suspension

Fully independent system co-developed with Lotus Engineering

Front Forged aluminium double wishbones, with new kinematic layout,

Bilstein mono-tube dampers, Eibach coil over damper steel springs

and anti-roll bar

Optional KW hydraulic ride height elevation system (40mm)

Rear Forged aluminium double wishbones, with new kinematic layout,

Bilstein mono-tube dampers, Eibach coil over damper steel springs

and anti-roll bar

Steering

Type Servotronic speed-sensitive hydraulic power assisted rack & pinion

Gearing 3.0 turns of steering wheel lock-to-lock

Brakes

Front 350 mm diameter vented and cross-drilled steel discs with four-piston

AP Racing brake calipers and Ferodo DS2500 high performance pads

Rear 332 mm diameter vented and cross-drilled steel discs with four-piston

AP Racing brake calipers and Ferodo DS2500 high performance pads

Balance Default setting 60/40% front/rear balance

Safety Aids Anti-lock Braking System (ABS)

Electronic Brake Distribution (EBD)

Wheels

Standard

Front 8.5J x 19 in Bright Silver in alloy wheels Rear 10.0J x 19 in Bright Silver in alloy wheels

Optional*

Front RotorbladeTM 10-spoke 8.5J x 19 in forged alloy wheels Rear RotorbladeTM 10-spoke 10.0J x 19 in forged alloy wheels

Tyres

(For fitment to both Standard and Optional wheels)

Front 235 / 35 ZR19 Rear 295 / 30 ZR19

DIMENSIONS

Length	4590 mm	180.7 in
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Width 1950 mm 77.0 in (excluding mirrors)

Height 1270 mm 50.0 in Wheelbase 2725 mm 107.2 in Front track 1625 mm 64.0 in Rear track 1645 mm 64.8 in

Weights & Capacities

Kerb weight 1425 kg 3142 lbs

Fuel tank 57 litres 15 gallons (US)

Luggage capacity 120 litres

Performance

Acceleration 0-100 kph (62 mph) - 4.5 seconds

Max speed 300 kph (186 mph)

Optional Compressor

Upgrade Engine 500 HP

NOTE TO MEDIA: NOT FOR PUBLICATION For more information, please contact:

For More Information Contact:

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^{*}available in choice of 4 finishes

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