

PHANTOM COUPÉ

Technical specification
World Version



1987 mm / 78.2 in



5612 mm / 220.9 in

3320 mm / 130.7 in

Dimensions

Number of doors / seats	2 doors / 4 seats
Vehicle length	5612 mm / 220.9 in
Vehicle width	1987 mm / 78.2 in
Vehicle height (unladen)	1598 mm / 62.9 in
Wheelbase	3320 mm / 130.7 in
Turning circle	13.1 m / 43.0 ft
Track, front	1686 mm / 66.4 in
Track, rear	1676 mm / 66.0 in
Width at shoulder height, front	1491 mm / 58.7 in
Width at shoulder height, rear	1298 mm / 51.1 in
Leg room, front	1040 mm / 40.9 in
Leg room, rear	936 mm / 36.9 in
Head room, front	1021 mm / 40.2 in
Head room, rear	943 mm / 37.1 in
Boot volume	395 ltr / 13.9 cu ft
Fuel tank capacity	100 ltr / 22 Imp gal

Weight

Unladen weight (DIN)	2580 kg / 5688 lb
Unladen weight (EU)	2665 kg / 5875 lb
Axle load ratio, rear (unladen)	50.20%
Gross vehicle weight	3050 kg / 6725 lb
Payload	470 kg / 1036 lb
Axle load limit, front	1425 kg / 3142 lb
Axle load limit, rear	1800 kg / 3968 lb

Engine

Engine / cylinders / valves	V / 12 / 48
Fuel management	Direct injection
Displacement	6749 cc / 412 cu in
Stroke	84.6 mm / 3.33 in
Bore	92.0 mm / 3.62 in
Power output @ engine speed	453 bhp / 460 PS (DIN) / 338 kW @ 5350 rpm
Max torque @ engine speed	720 Nm / 531 lb ft @ 3500 rpm
Compression ratio / fuel type	Premium unleaded*

Transmission

Transmission type	8HP70
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Transmission ratios

1st / 2nd / 3rd /	4.714 / 3.143 / 2.106
4th / 5th / 6th	1.667 / 1.285 / 1.000
7th / 8th	0.839 / 0.667
Reverse	3.317
Final-drive ratio	3.154

Steering & brakes

Steering type	Rack & pinion, speed-sensitive variable-rate power assistance
Steering wheel revolutions lock to lock	3.3
Steering ratio	15.53:1
Brakes front / diameter	Ventilated disc / 374 mm / 14.7 in
Brakes rear / diameter	Ventilated disc / 370 mm / 14.6 in

Aerodynamics

Drag Cd x A	0.97 m ² / 10.44 ft ²
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Performance†

Top speed	250 km/h / 155 mph (governed)
Acceleration 0-60 mph	5.6 sec
Acceleration 0-100 km/h	5.8 sec
Acceleration 0-1000 m	25.1

Fuel consumption – Exhaust Emissions Standard EU-5

Urban	22.8 ltr/100 km / 12.4 mpg (Imp.)
Extra urban	10.2 ltr/100 km / 27.7 mpg (Imp.)
Combined	14.8 ltr/100 km / 19.1 mpg (Imp.)
CO ₂ emissions (combined)	347 g/km

Wheels††

Tyre, front	Goodyear EMT 255/50 R21 106W
Wheel size, front	8"x 21"
Tyre, rear	Goodyear EMT 285/45 R21 109W
Wheel size, rear	9.5"x 21"

Filling capacities

Radiator incl. heater / engine oil	14 ltr / 8.5 ltr
Transmission fluid / final-drive fluid	Lifetime filling

Electric system

Battery capacity / installed position	90+70 Ah / boot
Alternator output rating	2 x 180 A / 2520 W

*The engine is designed for octane grade 95 fuel; however, it may be run on fuel with a minimum octane grade of 91.

†Manufacturer's test results. Actual acceleration results may vary depending on specifications of the vehicle, road and environmental conditions, testing procedures and driving styles. These results should be used for comparison only and verification should not be attempted on public roads.

††With run-flat tyres, you can continue for a distance of at least 100 miles at speeds up to 50 mph, however, when notified you should check your tyre condition at the next available opportunity. The Goodyear Extended Mobility Tyre system (EMT) has run-flat capabilities.