

PHANTOM

Technical specification

USA Version



Dimensions

Number of doors / seats	4 doors / 5 seats
Vehicle length	5842 mm / 230.0 in
Vehicle width	1990 mm / 78.3 in
Vehicle height (unladen)	1638 mm / 64.5 in
Wheelbase	3570 mm / 140.6 in
Turning circle	13.8 m / 45.3 ft
Track, front	1686 mm / 66.4 in
Track, rear	1676 mm / 66.0 in
Width at shoulder height, front	1509 mm / 59.4 in
Width at shoulder height, rear	1431 mm / 56.3 in
Leg room, front	1042 mm / 41.0 in
Leg room, rear	1104 mm / 43.5 in
Head room, front	1047 mm / 41.2 in
Head room, rear	979 mm / 38.5 in
Boot volume	460 ltr / 16.2 cu ft
Fuel tank capacity	100 ltr / 26.4 US gal

Weight

Curb Weight	2649 kg / 5840 lb
Axle load ratio, rear (unladen)	50.30%
Gross vehicle weight	3109 kg / 6855 lb
Payload	401 kg / 885 lb
Axle load limit, front	1474 kg / 3250 lb
Axle load limit, rear	1801 kg / 3970 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	1.05 m ² / 11.27 ft ²
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Performance†

Top speed	150 mph / 240 km/h (governed)
Acceleration 0-60 mph	5.7 sec
Acceleration 0-100 km/h	5.9 sec
Acceleration 0-1000 m	25.6 sec

Fuel consumption (USA)††

City	11
Highway	19

Fuel consumption (Canada)

City	TBC
Highway	TBC

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	14 ltr / 14.8 quarts
Engine oil	8.5 ltr / 9.0 quarts
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.

††EPA (Preliminary) – Use estimated mpg for comparison with other cars. Your mileage may vary with options, driving conditions, driving habits, the car's condition, speed and trip length. Actual highway mileage will probably be less.

‡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.