PHANTOM
Technical specification
World 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 / 22 Imp gal

Weight

Unladen weight (DIN)	2560 kg / 5644 lb
Unladen weight (EU)	2635 kg / 5809 lb
Axle load ratio, rear (unladen)	49.90%
Gross vehicle weight	3110 kg / 6856 lb
Payload	550 kg / 1213 lb
Axle load limit, front	1475 kg / 3252 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

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 m² / 11.27 ft²

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 – Exhaust emmission 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.

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

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 m² / 11.27 ft²

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	TBC
Highway	TBC

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.

††At the time of publication this model had not yet been assessed by the US EPA, therefore no official data is available. These will be added as soon as they are available.

‡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.

PHANTOM
Technical specification
China 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)	1648 mm / 64.9 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 / 22 Imp gal

Weight

Unladen Weight	2680 kg / 5908 lb
Axle load ratio, rear (unladen)	50.20%
Gross vehicle weight	3110 kg / 6856 lb
Payload	430 kg / 948 lb
Axle load limit, front	1475 kg / 3252 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

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 m² / 11.27 ft²

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 – Exhaust emmission Standard EU-5

Urban	22.5 ltr/100 km
Extra urban	10.2 ltr/100 km
Combined	14.7 ltr/100 km
CO_2 emissions (combined)	349 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.