

SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ Sport Coupe and Roadster
 Assembly Plant _____ Osnabrück, Germany
 EPA Vehicle Class _____ Two-seater

ENGINE

Availability _____ Sport Coupe and Roadster
 Type and Description _____ 90-degree bank angle, liquid cooled with dual-tuned intake manifold and twin ignition
 Displacement _____ 195.2 cu. in. (3199 cu. cm)
 Bore x Stroke _____ 3.54 x 3.31 (89.9 x 84)
 Valve System _____ SOHC, 2 intake valves and 1 exhaust valve per cylinder, roller rocker arms
 Fuel Injection _____ Sequential, multi-port, electronic
 Construction _____ High-pressure die-cast aluminum alloy block with Silitec alloy liners and cast aluminum alloy heads.
 Compression Ratio _____ 10.0:1
 Power (SAE net) _____ 215 hp (160 kW) @ 5700 rpm (67.2 bhp/liter)
 Torque (SAE net) _____ 229 lb.-ft. (310 N•m) @ 3000 rpm
 Max. Engine Speed _____ 6000 rpm electronically limited
 Fuel Requirement _____ Unleaded premium—91 Octane (R+M)/2
 Oil Capacity _____ 8.5 qt. (8.0L) with dry filter
 Coolant Capacity _____ 11.8 qt. (11.2L)
 Emission Controls _____ Three-way catalytic converters and internal engine features(a)
 Max. Gross Trailer Weight _____ Not recommended
 Estimated EPA Fuel Economy mpg (City/Hwy) _____ 17/25—manual, 21/28—automatic

TRANSMISSIONS

MANUAL SIX-SPEED OVERDRIVE

Description _____ Synchronized in all forward gears
 Gear Ratios
 1st _____ 4.459
 2nd _____ 2.614
 3rd _____ 1.723
 4th _____ 1.245
 5th _____ 1.000
 6th _____ 0.838
 Reverse _____ 4.062
 Final Drive _____ 3.27
 Overall Top Gear _____ 2.74

(a) Meets ULEV 1 requirements for CA, NY, MA, ME and VT; meets Tier 2, Bin 8 for all other states. Meets Stage IV emission requirements in Europe.

continued

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AUTOMATIC, FIVE-SPEED OVERDRIVE

Description	Adaptive electronic control and lockup torque converter clutch
Torque Converter Stall Torque Ratio	1.8
Gear Ratios	
1st	3.95
2nd	2.423
3rd	1.486
4th	1.00
5th	0.833
Reverse	3.147, 1.93
Final Drive Ratio	3.27
Overall Top Gear	2.72
Electrical System	
Alternator	120-amp
Battery	Group 48, maintenance-free, 510 or 700 CCA

DIMENSIONS AND CAPACITIES(a)

Wheelbase	94.5 (2400)
Track, Front	58.8 (1493)
Track, Rear	59.1 (1502)
Overall Length	159.8 (4058)
Overall Width	69.5 (1766)
Overall Height	Coupe, 51.5 (1307), Roadster, 51.8 (1315)
Ground Clearance	4.9 (124)
Curb Weight (estimated)	3010 lbs. (1365 kg)—Coupe; 3061 lbs. (1388 kg)—Coupe Limited, manual; 3084 lbs. (1399 kg)—Coupe Limited, automatic; 3089 lbs. (1401 kg)—Roadster; 3140 lbs. (1424 kg)—Roadster Limited, manual; 3174 lbs. (1440 kg)—Roadster Limited, automatic
Weight Distribution, % F/R	54/46—Coupe 53/47—Roadster
Cargo Capacity (NAFTA)	115 lbs. (52 kg)
Frontal Area	20.56 sq. ft. (1.91 sq. m)—Coupe 20.62 sq. ft. (1.916 sq. m)—Roadster
Drag Coefficient	0.370—Coupe 0.384—Roadster
Fuel Tank Capacity	15.9 gal. (60L)

(a) All dimensions measured at curb weight in inches (mm) unless otherwise specified.

continued

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ACCOMMODATIONS

Seating Capacity	2
Front	
Head room	36.9 (936)—Coupe 37.3 (948)—Roadster
Leg room	42.7 (1085)
Shoulder room	52.7 (1338)
Hip room	53.3 (1354)
Seat travel	7.6 (194)
Volume index	48.0 cu. ft. (1.36 cu. m)—Coupe 48.6 cu. ft. (1.37 cu. m)—Roadster
Cargo volume index	7.6 cu. ft. (215L)—Coupe; 6.5 cu. ft. (190L) with top up—Roadster; 3.6 cu. ft. (104L) with top down—Roadster

BODY

Layout	Longitudinal front engine, rear-wheel drive
Construction	Unitized steel body Manual liftgate/decklid

SUSPENSION

Front	Upper and lower "A" arm independent with coil springs, gas-charged shock absorbers and stabilizer bar
Rear	Five-link independent with coil springs, link-type stabilizer bar and gas-charged shock absorbers

STEERING

Type	Power recirculating ball
Overall Ratio	16.7:1
Turning Diameter	
(curb-to-curb)	32.2 ft. (9.8 m)
(wall-to-wall)	34.8 ft. (10.6 m)
Steering Turns (lock-to-lock)	3.1

TIRES(a)

See also Tires, Wheels and Wheel Covers under Feature Availability

Standard

Mfr. and model	Michelin Pilot Sport 2—Coupe Limited; Continental SportContact 2—Coupe, Roadster & Roadster Limited
Size and type	225/40ZR18—front, 255/35ZR19—rear
Revs per mile (km)	818 (509)—front, 787 (489)—rear

(a) Other sizes and brands may also be used.

continued

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WHEELS

See also Tires, Wheels and Wheel Covers under Feature Availability

Standard

Type and material _____ Cast aluminum

Size _____ All models: 18 x 7.5—front, 19 x 9—rear

BRAKES

Front

Size and type _____ 11.8 x 1.1 (300 x 28) vented discs with 2.25 (57) diameter single-piston sliding calipers and ABS

Swept area _____ 281.2 sq. in. (1814 sq. cm)

Rear

Size and type _____ 10.9 x 0.35 (278 x 9) disc with 1.42 (36) diameter opposed-piston caliper and ABS

Swept area _____ 219.6 sq. in. (1417 sq. cm)

Power Assist Type _____ 7/8" Tandem diaphragm vacuum