



4C and 4C Spider

2016 Alfa Romeo 4C and 4C Spider SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted.
Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

Vehicle Type	4C and 4C Spider
Assembly Plant	Modena, Italy
EPA Vehicle Class	Two-seater

BODY/CHASSIS

Layout	Transverse-mounted mid-engine, rear-wheel drive (RWD)
Construction	“Pre-preg” monocoque chassis with unidirectional carbon fiber; aluminum front and rear chassis structures, roof reinforcements and engine mounting frame; low-density, high-strength composite body shell

ENGINE: ALL-ALUMINUM DIRECT INJECTION 1750 TURBO ENGINE

Type and Description	Inline 4-cylinder, liquid-cooled with turbocharger, intercooler and wet sump
Displacement, cc (cu.in.)	1,742 (106.3)
Bore x Stroke	3.27 x 3.17 (83 x 80.5)
Valve System	Dual overhead cam with dual (intake and exhaust) continuous variable-valve timing (VVT), 16 valves, roller-type hydraulic lifters
Fuel Injection	Direct-injection, sequential, multiport, electronic
Construction	Aluminum-alloy block with cast-iron liners, forged-aluminum pistons, forged-steel crankshaft, aluminum-alloy heads and aluminum bedplate
Compression Ratio	9.25:1
Maximum Turbo Boost (psi / bar)	21.75 psi / 1.45 bar
Power (SAE net)	237 hp (177 kW) @ 6,000 rpm (136 bhp/liter)
Torque (SAE net)	258 lb.-ft. (350 N•m) @ 2,200 – 4,250 rpm
Max. Engine Speed	6,500 rpm (fuel cutoff)
Fuel Requirement	Unleaded premium — 91 Octane (R+M)/2
Oil Capacity (with Filters)	6.1 quarts (5.8 liters)
Coolant Capacity	11.2 quarts (10.6 liters)
Emission Controls	Four, three-way catalytic converters, heated oxygen sensors, engine internal features ^(a)
EPA Fuel Economy (city/hwy/combined)	24 / 34 / 28

(a) Meets Tier 2 standards in all 50 states.



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ELECTRICAL SYSTEM

Alternator	160-amp
Battery	Leak-resistant, maintenance-free, 500 CCA

TRANSMISSION: ALFA TCT (TWIN-CLUTCH TRANSMISSION)

Description	1 st , 2 nd gear: double cone 3 rd , 4 th , 5 th and 6 th gear: single cone Sequential paddle-shift gear selection with Auto mode
Gear Ratios	
1 st	4.154
2 nd	2.269
3 rd	1.435
4 th	0.978
5 th	0.755
6 th	0.622
Axle Ratio	4.118
Overall Top-gear	2.56

SUSPENSION

Front	Double wishbone – high-strength steel tubular-control arms, aluminum knuckles and tubular anti-roll bar
Rear	MacPherson – rear strut: shock absorber with hollow piston rod and side-load spring, high-strength steel tubular-control arms and aluminum knuckles

STEERING

Type	Manual, rack-and-pinion
Overall Ratio	15.7:1
Turning Diameter (curb-to-curb), ft. (m)	40.5 (12.10)
Steering Turns (lock-to-lock)	2.7

BRAKES

Front	
Size and Type	12.0 x 1.10 (305 x 28) vented disc, Brembo fixed four-piston calipers
Rear	
Size and Type	11.5 x 0.87 (292 x 22) vented disc, with dual opposing calipers
Power-assist Type	Tandem diaphragm vacuum with zero lost travel



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DIMENSIONS AND CAPACITIES

Wheelbase	93.7 (2,380)
Track, Front	64.5 (1,639)
Track, Rear	63.1 (1,604)
Overall Length	157 (3,989)
Overall Width	73.5 (1,868)
Overall Height	46.6 (1,183) – 4C 46.7 (1,185) – 4C Spider
Ground Clearance	4.5 (114) – 4C 4.4 (113) – 4C Spider
Curb Weight, lb. (kg)	2,465 (1,118) – 4C 2,487 (1,128) – 4C Spider
Dry Weight, lb. (kg)	2,315 (1,050) – 4C 2,337 (1,060) – 4C Spider
Weight Distribution, percent F/R	41 / 59
Drag Coefficient, Cd	0.335 – 4C 0.341 – 4C Spider
Fuel-Tank Capacity, gallons (liters)	10.5 (40)

ACCOMMODATIONS

Seating Capacity	2
Headroom	38.0 (965)
Legroom	42.7 (1,085)
Shoulder Room	49.8 (1,265)
Cargo space, cu. ft. (liters)	3.7 (105)
Seat back recliner range, degrees	27+2

TIRES

Front	Standard on 4C and 4C Spider
Size and Type	205/45ZR17 88Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR with low-pressure sensors in valve stems
Revs per Mile (rpm)	835
Rear	
Size and Type	235/40ZR18 95Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR with low-pressure sensors in valve stems
Revs per Mile (rpm)	764



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Front	Available on 4C and 4C Spider
Size and Type	205/40ZR18 86Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR with low-pressure sensors in valve stems
Revs per Mile (rpm)	835

Rear	
Size and Type	235/35ZR19 91Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR with low-pressure sensors in valve stems
Revs per Mile (rpm)	764

Front	Available on 4C and 4C Spider with Track Package
Size and Type	205/40ZR18 86Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR Racing with low-pressure sensors in valve stems
Revs per Mile (rpm)	835

Rear	
Size and Type	235/35ZR19 91Y XL Three-season performance
Manufacturer and Model	Pirelli P Zero AR Racing with low-pressure sensors in valve stems
Revs per Mile (rpm)	764

WHEELS

Availability	Standard on 4C
Type and Material	Fluoformed aluminum alloy, Silver
Size	17 x 7.0 — front, 18 x 8.0 — rear

Availability	Optional on 4C
Type and Material	Fluoformed aluminum alloy, Matte Black
Size	17 x 7.0 — front, 18 x 8.0 — rear

Availability	Optional on 4C and 4C Spider
Type and Material	Forged, Silver
Size	18 x 7.0 — front, 19 x 8.5 — rear

Availability	Optional on 4C and 4C Spider
Type and Material	Forged, Dark Gray
Size	18 x 7.0 — front, 19 x 8.5 — rear



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Availability	Standard on 4C Spider
Type and Material	Fluoformed aluminum alloy, Silver
Size	17 x 7.0 — front, 18 x 8.0 — rear
Availability	Optional on 4C Spider
Type and Material	Fluoformed aluminum alloy, Dark Gray
Size	17 x 7.0 — front, 18 x 8.0 — rear
Availability	Optional on 4C Spider
Type and Material	Forged, Silver
Size	18 x 7.0 — front, 19 x 8.5 — rear
Availability	Optional on 4C Spider
Type and Material	Forged, Dark Gray
Size	18 x 7.0 — front, 19 x 8.5 — rear

