



GIULIA 



2017 Alfa Romeo Giulia Quadrifoglio 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	D-segment sedan, rear-wheel drive (RWD)
Assembly Plant	Cassino Assembly Plant, Cassino, Italy
EPA Vehicle Class	Mid-size car
Production Date	Late second quarter 2016 as a 2017 model

BODY/CHASSIS

Layout	Longitudinal front engine, RWD
Construction	Unitized steel body with carbon fiber roof and hood

ENGINE: FERRARI-DERIVED, ALL-ALUMINUM 505-HP DIRECT-INJECTION 2.9-LITER V-6 BI-TURBO WITH 24 VALVES

Availability	Standard
Type and Description	90-degree, V-6, direct injection bi-turbo
Displacement	176.4 cu. in. (2,891 cc)
Bore x Stroke	3.40 x 3.23 (86.5 x 82.0)
Valve System	Chain-driven DOHC with intake and exhaust continuous camshaft phasing 4 valves per cylinder roller finger actuated with hydraulic lash adjusters Mechanical cylinder deactivation on right bank
Turbochargers	Integrated IHI single-scroll turbo manifold with water charge air cooler

ENGINE: FERRARI-DERIVED, ALL-ALUMINUM 505-HP DIRECT-INJECTION 2.9-LITER V-6 BI-TURBO WITH 24 VALVES

Fuel Injection	Gasoline direct-injection, side mounted Max injection pressure 200 bar
Construction	Cylinder head and cover: aluminum alloy with integrated cam carrier Crankcase: closed deck aluminum alloy with wet steel liner Bedplate: aluminum alloy with integrated blow-by control reed valves Crankshaft: super-finished forged nitride steel with single con-rod pin Piston: forged aluminum cooled with twin oil jets



GIULIA 



ENGINE: FERRARI-DERIVED, ALL-ALUMINUM 505-HP DIRECT-INJECTION 2.9-LITER V-6 BI-TURBO WITH 24 VALVES

Compression Ratio	9.3:1
Power (SAE net)	505 hp (377 kW) @ 6,500 rpm (174.6 hp/liter)
Torque (SAE net)	443 lb.-ft. (600 N•m) @ 2500-5500 rpm
Redline	6,500 rpm
Max. Engine Speed	7,250 rpm
Fuel Requirement	Premium unleaded, 91 octane (R+M)/2
Engine Assembly Plant	Termoli, Italy

TRANSMISSION: GETRAG SIX-SPEED MANUAL

Availability	Standard with the 2.9-liter V-6 bi-turbo
Gear Ratios	
1st	4.055
2nd	2.396
3rd	1.582
4th	1.192
5th	1.000
6th	0.872
Reverse	3.678
Final Drive Ratio	3.090

SUSPENSION

Front	Double wishbone with semi-virtual steering axle
Rear	AlfaLink™ design with vertical rod

STEERING

Type	Rack and pinion with Variable Electric Assist
------	---

BRAKES

High-performance Brembo brake system	Standard on Giulia Quadrifoglio
Front	
Rotor size and type	14.2 x 1.26 (360 x 32) vented
Caliper size and type	Four-piston aluminum monoblock calipers



GIULIA 



Rear

Rotor size and type	13.8 in x 1.1 in (350 x 28) vented
Caliper size and type	Four-piston aluminum monoblock calipers
Ultra-high-performance Brembo Carbon Ceramic Material (CCM) brake system	Optional on Giulia Quadrifoglio

Front

Rotor size and type	15.4 x 1.3 (390 x 34) two-piece, vented carbon ceramic matrix
Caliper size and type	Six-piston aluminum monoblock calipers

Rear

Rotor size and type	14.2 x 1.1 (360 x 28) two-piece, vented carbon ceramic matrix
Caliper size and type	Four-piston aluminum-monoblock calipers

DIMENSIONS AND CAPACITIES

Wheelbase	111 (2,820)
Track, Front	61 (1,550)
Track, Rear	62.5 (1,589)
Overall Length	182.6 (4,639)
Overall Width (not including mirrors)	73.7 (1,873)
Overall Height	56.1 (1,426)
Ground Clearance	3.9 (100)
Drag Coefficient (Cd)	0.32
Fuel Tank Capacity, gal. (liter)	15.3 (58)

TIRES

Availability	Standard Giulia Quadrifoglio
Size and type	
Front	P245/35ZR19 (93Y) XL Pirelli PZero Corsa (AR) BSW three-season high-performance
Rear	P285/30ZR19 (98Y) XL Pirelli PZero Corsa (AR) BSW three-season high-performance

WHEELS

Availability	Standard on Giulia Quadrifoglio
Type and material	19-in. forged alloy, Bright Silver
Size	19 x 8.5-in. (front) and 19 x 10-in. (rear)



GIULIA 



Availability	Optional on Giulia Quadrifoglio
Type and material	19-in. forged alloy, Dark Gray
Size	19 x 8.5-in. (front) and 19 x 10-in. (rear)
Availability	Optional on Giulia Quadrifoglio
Type and material	19-in. cast and Fluoform alloy, Bright Silver
Size	19 x 8.5-in. (front) and 19 x 10-in. (rear)
Availability	Optional on Giulia Quadrifoglio
Type and material	19-in. cast and Fluoform alloy, Dark Gray
Size	19 x 8.5-in. (front) and 19 x 10-in. (rear)

