

Canada: 2023 Alfa Romeo Giulia

SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in millimetres (inches) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

| | |
|-------------------------|--|
| Vehicle Type | Mid-size sedan, RWD/AWD |
| Assembly Plant | Cassino Assembly Plant, Cassino, Italy |
| EnerGuide Vehicle Class | Mid-size car |

BODY/CHASSIS

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|--------------|---|
| Layout | Longitudinal front engine, RWD/AWD |
| Construction | Unitized high-strength steel body Aluminum front and rear vehicle frames, front shock towers, brakes, suspension components, doors and fenders Composite rear cross member Carbon fibre driveshaft Aluminum roof and hood (Sprint, Ti, Veloce) Carbon fibre roof and hood (Quadrifoglio exclusive) |

ENGINE: ALL-ALUMINUM 2.0-LITRE TURBOCHARGED 4-CYLINDER 280HP AWD

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| Availability | Standard on Giulia Sprint, Giulia Ti, Giulia Veloce |
| Type and Description | Inline-four, direct injection, turbo |
| Displacement | 1,993 cc (121.7 cu. in.) |
| Bore x Stroke | 84.0 x 89.9 (3.31 x 3.54) |
| Valve System | MultiAir2, SOHC, four valves per cylinder with silent chain driven timing drive Hollow assembled exhaust camshaft with end pivot roller finger followers and hydraulic lash adjusters |
| Turbocharger | Direct mount twin-scroll turbocharger with electric wastegate actuation. Intake manifold with liquid cooled charge air cooler. |
| Fuel Injection | Gasoline direct injection with injector centrally located in the combustion chamber Max injection pressure 2,900 psi |

ENGINE: ALL-ALUMINUM 2.0-LITRE TURBOCHARGED 4-CYLINDER 280HP (CONTINUED)

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| Construction | Cylinder head: permanent mould air quenched cast aluminum alloy with integrated exhaust manifold Crankcase: precision and cast aluminum alloy with casted steel liners Crankshaft: super-finished forged nitride steel with journals offset from cylinder bore centreline Piston: forged aluminum cooled with pressure actuated oil jets |
| Power (SAE net) | 280 hp (209 kW) @ 5,200 rpm (140 hp/litre) |
| Torque (SAE net) | 306 lb.-ft. (415 Nm) @ 2,000 - 4,800 rpm |
| Redline on the Instrument Cluster | 5,500 rpm |
| Max. Engine Speed | 6,200 rpm |
| Fuel Requirement | Premium unleaded, 91 octane (R+M)/2 |
| EnerGuide Fuel Economy L/100km (MPG – imp. gal.) (city/hwy/combined) | 10.5/7.7/9.2 (27/37/31) (AWD) |
| Engine Assembly Plant | Termoli, Italy |

BASED ON 2022 ENERGIDE FUEL CONSUMPTION RATINGS. GOVERNMENT OF CANADA TEST METHODS USED. YOUR ACTUAL FUEL CONSUMPTION WILL VARY BASED ON DRIVING HABITS AND OTHER FACTORS. FOR ENERGIDE INFORMATION, PLEASE VISIT THE GOVERNMENT OF CANADA WEBSITE: WWW.VEHICLES.NRCAN.GC.CA

ENGINE: ALL-ALUMINUM 2.9-LITRE TWIN-TURBOCHARGED V-6 505HP RWD

| | |
|----------------------|---|
| Availability | Giulia Quadrifoglio |
| Type and Description | V-6, 90-degree, direct injection |
| Displacement | 2,891 cm ³ (176.4 cu. in.) |
| Bore x Stroke | 86.5 x 82.0 (3.40 x 3.23) |
| Valve System | Chain-driven DOHC with intake and exhaust continuous camshaft phasing Four 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 |
| Fuel Injection | Port fuel injection and side mounted gasoline direct injection Max injection pressure 3,600 psi |
| 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 |

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|-------------------|--|
| | Crankshaft: super-finished forged nitride steel with single con-rod pin Piston: forged aluminum cooled with twin oil jets |
| Compression Ratio | 9.3:1 |
| Power (SAE net) | 505 hp (377 kW) @ 6,500 rpm (175 hp/litre) |
| Torque (SAE net) | 443 lb.-ft. (600 N•m) @ 2500-5500 rpm |

ENGINE: ALL-ALUMINUM 2.9-LITRE TWIN-TURBOCHARGED V-6 505HP RWD (CONTINUED)

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|--|-------------------------------------|
| Redline on the Instrument Cluster | 6,500 rpm |
| Max. Engine Speed | 7,400 rpm |
| Fuel Requirement | Premium unleaded, 91 octane (R+M)/2 |
| Energuide Fuel Economy L/100km (MPG – imp. gal.) (city/hwy/combined) | 13.5/9.3/11.6 (21/30/24) |
| Engine Assembly Plant | Termoli, Italy |

TRANSMISSION: 8HP50 EIGHT-SPEED AUTOMATIC

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|-------------------|--|
| Availability | Giulia Sprint, Giulia Ti and Giulia Veloce |
| Gearbox type | AT8 |
| Gearbox family | 8HP50 |
| Gear Ratios | |
| 1st | 5.00 |
| 2nd | 3.20 |
| 3rd | 2.14 |
| 4th | 1.72 |
| 5th | 1.31 |
| 6th | 1.00 |
| 7th | 0.82 |
| 8th | 0.64 |
| Transmission Type | AWD |
| Final Drive Ratio | 3.15 |

TRANSMISSION: 8HP75 EIGHT-SPEED AUTOMATIC

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|----------------|---------------------|
| Availability | Giulia Quadrifoglio |
| Gearbox type | AT8 |
| Gearbox family | 8HP75 |
| Gear Ratios | |
| 1st | 5.00 |

| | |
|-----|------|
| 2nd | 3.20 |
| 3rd | 2.14 |
| 4th | 1.72 |
| 5th | 1.31 |
| 6th | 1.00 |
| 7th | 0.82 |
| 8th | 0.64 |

TRANSMISSION: 8HP75 EIGHT-SPEED AUTOMATIC (CONTINUED)

| | |
|-------------------|------|
| Transmission Type | RWD |
| Final Drive Ratio | 3.09 |

SUSPENSION

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|----------------|--|
| Front | Double wishbone with semi-virtual steering axle |
| Rear | Alfa Link design with vertical rod link (patented design) |
| Active Damping | Standard on Giulia Quadrifoglio Included with Performance packages on Giulia Veloce |

STEERING

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|-------|---|
| Type | Rack and pinion with Variable Electric Assist |
| Ratio | 11.8:1 |

BRAKES

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| Standard brake system | Standard on Giulia Sprint, Giulia Ti and Giulia Veloce |
| Front | |
| Rotor size and type | 330 x 28 (13.0 x 1.1) |
| Caliper size and type | Brembo four-piston calipers |
| Rear | |
| Rotor size and type | 320 x 22 (12.5 x 0.86) |
| Caliper size and type | Single-piston calipers |
| High-performance Brembo brake system | Standard on Giulia Quadrifoglio |
| Front | |
| Rotor size and type | 360 x 32 (14.2 x 1.26) vented |
| Caliper size and type | Brembo six-piston aluminum-monoblock calipers |
| Rear | |
| Rotor size and type | 350 x 28 (13.8 in x 1.1) vented |

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|--|---|
| Caliper size and type | Brembo four-piston aluminum-monoblock calipers |
| Ultra-high-performance Brembo Carbon Ceramic Material (CCM) brake system | Optional on Giulia Quadrifoglio |
| Front | |
| Rotor size and type | 390 x 36 (15.4 x 1.3) two-piece, vented carbon ceramic matrix |
| Caliper size and type | Brembo six-piston aluminum-monoblock calipers |
| Rear | |
| Rotor size and type | 360 x 28 (14.2 x 1.1) two-piece, vented carbon ceramic matrix |
| Caliper size and type | Brembo four-piston aluminum-monoblock calipers |

DIMENSIONS AND CAPACITIES

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|---------------------------------------|---|
| Wheelbase | 2,820 (111.0) |
| Track, Front | 1,557 (61.3) – Giulia Sprint, Giulia Ti and Giulia Veloce 1,555 (61.2) – Giulia Quadrifoglio |
| Track, Rear | 1,625 (64.0) – Giulia Sprint, Giulia Ti and Giulia Veloce 1,607 (63.3) – Giulia Quadrifoglio |
| Overall Length | 4,643 (182.8) – Giulia Sprint, Giulia Ti and Giulia Veloce 4,639 (182.6) – Giulia Quadrifoglio |
| Overall Width (not including mirrors) | 1,860 (73.2) – Giulia Sprint, Giulia Ti and Giulia Veloce 1,874 (73.8) – Giulia Quadrifoglio |
| Overall Height | 1,450 (57.1) – Giulia Sprint, Giulia Ti and Giulia Veloce (AWD) 1,426 (56.1) – Giulia Quadrifoglio |
| Drag Coefficient (cd) | 0.28 – Giulia Sprint, Giulia Ti and Giulia Veloce 0.31 – Giulia Quadrifoglio |
| Fuel Tank Capacity, litre (gal.) | 58 (15.3) |
| Curb Weight, kg (lbs.) | 1,643 (3,622) – Giulia AWD 1,733 (3,820) – Giulia Quadrifoglio RWD |

ACCOMMODATIONS

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|--------------------------------------|--------------|
| Seating Capacity, F/R | 2/3 |
| Headroom, F/R | 38.6/37.6 |
| Legroom, F/R | 42.4/35.1 |
| Shoulder Room, F/R | 56.1/53.6 |
| SAE Interior Volume litres (cu. ft.) | 2,701 (95.4) |

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