



# Alfa Romeo

## FCA CANADA 2019 Alfa Romeo Stelvio SPECIFICATIONS

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

### GENERAL INFORMATION

Vehicle Type	Mid-size SUV, AWD
Assembly Plant	Cassino, Italy
EnergidePA Vehicle Class	Mid-size SUV

### BODY/CHASSIS

Layout	Longitudinal front engine, AWD
Construction	Unitized high-strength steel body Aluminum front and rear vehicle frames, front shock towers, brakes, suspension components, doors, fenders, roof and hood Composite rear cross member Carbon fibre driveshaft

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

Availability	Standard on Stelvio and Stelvio Ti
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
Construction	Cylinder head: permanent mold 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 centerline



# Alfa Romeo

	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 N•m) @ 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 (2018) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	10.8 (26) / 8.3 (34) / 9.6 (29) (AWD)
Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: <a href="http://www.vehicles.nrcan.gc.ca">www.vehicles.nrcan.gc.ca</a>	
Engine Assembly Plant	Termoli, Italy

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

Availability	Stelvio Quadrifoglio
Type and Description	V-6, 90-degree, direct injection
Displacement	2,891 cc (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	Gasoline direct-injection, side mounted Max injection pressure 2,900 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 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
Redline on the Instrument Cluster	6,500 rpm
Max. Engine Speed	7,400 rpm



# Alfa Romeo

Fuel Requirement Premium unleaded, 91 octane (R+M)/2

EnerGuide (2018) Fuel Consumption Ratings 14.1 (20) / 10.4 (27) / 12.4 (23)  
L/100 km (MPG – imp. gal.)  
city/hwy/combined

Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)

Engine Assembly Plant Termoli, Italy

## TRANSMISSION: 8HP50 EIGHT-SPEED TURBO AUTOMATIC (2.0-LITRE)

Availability Stelvio and Stelvio Ti

Gearbox Type AT8

Gearbox family 8HP50

### Gear Ratios

1st 5.000

2nd 3.200

3rd 2.143

4th 1.720

5th 1.314

6th 1.000

7th 0.822

8th 0.640

Transmission Type AWD

Final Drive Ratio 3.73

## TRANSMISSION: 8HP75 EIGHT-SPEED TURBO AUTOMATIC (2.9-LITRE)

Availability Stelvio Quadrifoglio

Gearbox type AT8

Gearbox family 8HP75

### Gear Ratios

1st 5.000

2nd 3.200

3rd 2.143

4th 1.720

5th 1.314

6th 1.000



# Alfa Romeo

7th	0.822
8th	0.640
Transmission Type	AWD
Final Drive Ratio	3.73

## SUSPENSION

Front	Double wishbone with semi-virtual steering axle
Rear	Alfa Link design with vertical rod link (patented design)
Active Damping	Standard on Stelvio Quadrifoglio Included with Performance Packages on Stelvio Ti

## STEERING

Type	Rack and pinion with Variable Electric Assist
Ratio	12:1

## BRAKES

Standard brake system	Standard on Stelvio and Stelvio Ti
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 .86)
Caliper size and type	Single-piston calipers
High-performance Brembo brake system	Standard on Stelvio Quadrifoglio
Front	
Rotor size and type	360 x 32 (14.2 x 1.26) vented
Caliper size and type	Six-piston aluminum-monoblock calipers
Rear	
Rotor size and type	350 x 28 (13.8 x 1.1) vented
Caliper size and type	Four-piston aluminum-monoblock calipers
Ultra-high-performance Brembo Carbon Ceramic Material (CCM) brake system	Optional on Stelvio Quadrifoglio
Front	



# Alfa Romeo

Rotor size and type	390 x 36 (15.4 x 1.3) two-piece, vented carbon ceramic matrix
Caliper size and type	Six-piston aluminum-monoblock calipers
<b>Rear</b>	
Rotor size and type	360 x 28 (14.2 x 1.1) two-piece, vented carbon ceramic matrix
Caliper size and type	Four-piston aluminum-monoblock calipers

## DIMENSIONS AND CAPACITIES

Wheelbase	2,818 (111)
Track, Front	1,612 (63.5) – Stelvio and Stelvio Ti 1,555 (61.2) – Stelvio Quadrifoglio
Track, Rear	1,650 (65.0) – Stelvio and Stelvio Ti 1,608 (63.3) – Stelvio Quadrifoglio
Overall Length	4,688 (184.6) – Stelvio and Stelvio Ti 4,702 (185.1) – Stelvio Quadrifoglio
Overall Width (not including mirrors)	1,903 (74.9) – Stelvio and Stelvio Ti 1,955 (77.0) – Stelvio Quadrifoglio
Overall Height	1,677 (66.0) – Stelvio and Stelvio Ti 1,685 (66.3) – Stelvio Quadrifoglio
Behind Second-row Seats, litres (cu ft.)	525 (18.5)
Maximum Cargo Volume, litres (cu ft.)	1,600 (56.5)
Drag Coefficient (Cd)	0.32 – Stelvio and Stelvio Ti 0.34 – Stelvio Quadrifoglio
Towing Capacity, kg (lbs.)	1,361 (3,000)
Fuel Tank Capacity, litres (imp.gal.)	64 (14)
Ground Clearance	207 (8.1) – Stelvio AWD 201 (7.9) – Stelvio Quadrifoglio AWD
Curb Weight, kg (lbs.)	1,834 (4,044) – Stelvio AWD 1,978 (4,360) – Stelvio Quadrifoglio AWD

## ACCOMMODATIONS

Seating Capacity, F/R	2/3
Headroom, F/R	1,021 (40.2) / 988 (38.9)
Legroom, F/R	929.6 (36.6) / 810.2 (31.9) 57.5
Shoulder Room, F/R	1,460.5 (57.5) / 56.0 (1,422.4)
SAE Interior Volume, litres (cu ft.)	3,287 (116.1)



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