

## FCA Canada: 2021 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 Assembly Plant, Cassino, Italy
EnerGuide 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

Availability	Standard on Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
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 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 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 Fuel Economy L/100km (MPG – imp. gal.) (city/hwy/combined)	10.8/8.3/9.6 (26/34/29)
Engine Assembly Plant	Termoli, Italy

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

Availability	Stelvio Quadrifoglio
Type and Description	V-6, 90-degree, direct injection
Displacement	2,891 cm <sup>3</sup> (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
	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
Fuel Requirement	Premium unleaded, 91 Octane (R+M)/2
EnerGuide Fuel Economy L/100km (MPG – imp. gal.) (city/hwy/combined)	13.9/10.3/12.3 (20/27/23)
Engine Assembly Plant	Termoli, Italy

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

Availability	Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
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

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**TRANSMISSION: 8HP75 EIGHT-SPEED 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
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
	Optional on Stelvio Ti and Stelvio Ti Sport

**STEERING**

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

**BRAKES**

Standard brake system	Standard on Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
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

#### **DIMENSIONS AND CAPACITIES**

Wheelbase	2,818 (110.9)
Track, Front	1,612 (63.5) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	1,555 (61.2) – Stelvio Quadrifoglio
Track, Rear	1,650 (65.0) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	1,608 (63.3) – Stelvio Quadrifoglio
Overall Length	4,688 (184.6) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	4,702 (185.1) – Stelvio Quadrifoglio
Overall Width (not including mirrors)	1,903 (74.9) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	1,955 (77.0) – Stelvio Quadrifoglio
Overall Height	1,677 (66.0) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	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 Sprint, Stelvio Ti and Stelvio Ti Sport
	0.34 – Stelvio Quadrifoglio
Towing Capacity, kg (lbs.)	1,361 (3,000) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
Fuel Tank Capacity, litres (kg)	64 (16.9)
Ground Clearance	207 (8.1) – Stelvio Sprint, Stelvio Ti and Stelvio Ti Sport
	201 (7.9) – Stelvio Quadrifoglio
Curb Weight, kg (lbs.)	

	1,818 (4,007) – Stelvio Sprint , Stelvio Ti and Stelvio Ti Sport
	1,956 (4,313) – Stelvio Quadrifoglio

#### ACCOMMODATIONS

Seating Capacity, F/R	2/3
Headroom, F/R	1,020 (40.2) / 987 (38.9)
Legroom, F/R	929 (36.6) / 810 (31.9)
Shoulder Room, F/R	57.5/56.0
SAE Interior Volume litres (cu ft.)	3,285 (116.1)

