

FCA CANADA

2020 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
Energide 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 and Stelvio Ti
Type and Description	Inline-four, direct injection, turbo
Displacement	1,933 cu cm (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	<p>Cylinder head: permanent mold air quenched cast aluminum alloy with integrated exhaust manifold</p> <p>Crankcase: precision and cast aluminum alloy with casted steel liners</p> <p>Crankshaft: super-finished forged nitride steel with journals offset from cylinder bore centreline</p> <p>Piston: forged aluminum cooled with pressure actuated oil jets</p>
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 (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	10.8/8.3/9.6 (26/34/29)
Based on 2020 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	
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 cu cm (176.4 cu. in.)
Bore x Stroke	86.5 x 82.0 (3.40 x 3.23)
Valve System	<p>Chain-driven DOHC with intake and exhaust continuous camshaft phasing</p> <p>Four valves per cylinder roller finger actuated with hydraulic lash adjusters</p> <p>Mechanical cylinder deactivation on right bank</p>
Turbochargers	Integrated IHI single-scroll turbo manifold with water charge air cooler
Fuel Injection	<p>Port fuel injection and side mounted gasoline direct injection</p> <p>Max injection pressure 3,600 psi</p>

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/liter)
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 (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	13.9/10.3/12.3 (20/27/23)
Based on 2020 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	
Engine Assembly Plant	Termoli, Italy

TRANSMISSION: 8HP50 EIGHT-SPEED 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 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 Included with Performance Packages on Stelvio Ti

STEERING

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

Standard brake system	Standard on Stelvio and Stelvio Ti
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Front

Rotor size and type	330 x 28 (13.0 x 1.1)
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Caliper size and type	Brembo four-piston calipers
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Rear

Rotor size and type	320 x 22 (12.5 x .86)
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Caliper size and type	Single-piston calipers
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High-performance Brembo brake system	Standard on Stelvio Quadrifoglio
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Front

Rotor size and type	360 x 32 (14.2 x 1.26) vented
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Caliper size and type	Six-piston aluminum-monoblock calipers
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Rear

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

Rotor size and type	390 x 36 (15.4 x 1.3) two-piece, vented carbon ceramic matrix
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Caliper size and type	Six-piston aluminum-monoblock calipers
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Rear

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

Wheelbase	2,818 (110.9)
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Track, Front	1,612 (63.5) – Stelvio and Stelvio Ti
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	1,555 (61.2) – Stelvio Quadrifoglio
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Track, Rear	1,650 (65.0) – Stelvio and Stelvio Ti
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	1,608 (63.3) – Stelvio Quadrifoglio
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Overall Length	4,688 (184.6) – Stelvio and Stelvio Ti
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	4,702 (185.1) – Stelvio Quadrifoglio
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Overall Width (not including mirrors)	1,903 (74.9) – Stelvio and Stelvio Ti
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	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 (lb.)	1,361 (3,000) – Stelvio and Stelvio Ti
Fuel Tank Capacity, litres (gal.)	64 (16.9)
Ground Clearance	207 (8.1) – Stelvio AWD
	201 (7.9) – Stelvio Quadrifoglio AWD
Curb Weight, kg (lb.)	1,818 (4,007) – Stelvio AWD
	1,956 (4,313) – Stelvio Quadrifoglio AWD

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	1,460 (57.5) / 1422 (56.0)
SAE Interior Volume, litres (cu ft.)	3,287 (116.1)

