

2020 Volkswagen Atlas Cross Sport

Technical Specifications

	2.0T FWD		2.0T AWD		V6 FWD		V6 AWD	
ENGINE								
Type	2.0L inline four cylinder, 16V, turbocharged/intercooled, TSI		2.0L inline four cylinder, 16V, turbocharged/intercooled, TSI		3.6L VR6 (10.6 deg V), 24V, DI		3.6L VR6 (10.6 deg V), 24V, DI	
Bore	3.25 in	82.5 mm	3.25 in	82.5 mm	3.50 in	89.0 mm	3.50 in	89.0 mm
Stroke	3.65 in	92.8 mm	3.65 in	92.8 mm	3.80 in	96.4 mm	3.80 in	96.4 mm
Displacement	121 cu in	1984 cc	121 cu in	1984 cc	220 cu in	3597 cc	220 cu in	3597 cc
Compression Ratio	9.6:1		9.6:1		12.0:1		12.0:1	
Horsepower (SAE) @ rpm	235 @ 4500		235 @ 4500		276 @ 6200		276 @ 6200	
Maximum torque, lb-ft @ rpm	258 @ 1600		258 @ 1600		266 @ 2750		266 @ 2750	
Fuel Requirement	Regular unleaded ¹		Regular unleaded ¹		Regular unleaded		Regular unleaded	
ENGINE DESIGN								
Arrangement	Front mounted, transverse		Front mounted, transverse		Front mounted, transverse		Front mounted, transverse	
Cylinder block	Cast iron		Cast iron		Cast iron		Cast iron	
Crankshaft	Forged steel, five main bearings		Forged steel, five main bearings		Cast iron, seven main bearings		Cast iron, seven main bearings	
Cylinder head	Aluminum alloy, crossflow		Aluminum alloy, crossflow		Aluminum alloy, crossflow		Aluminum alloy, crossflow	
Valvetrain	Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing, variable exhaust-valve lift		Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing, variable exhaust-valve lift		Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing		Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing	
DRIVETRAIN								
Driven wheels	Front-wheel drive		4MOTION® permanent all-wheel drive system with eight-speed automatic transmission, clutch-pack center differential and adaptive torque distribution		Front-wheel drive		4MOTION® permanent all-wheel drive system with eight-speed automatic transmission, clutch-pack center differential and adaptive torque distribution	
Transmission Gear Ratios:1	1st	5.59	1st	5.59	1st	5.59	1st	5.59
	2nd	3.14	2nd	3.14	2nd	3.14	2nd	3.14
	3rd	1.95	3rd	1.95	3rd	1.95	3rd	1.95
	4th	1.43	4th	1.43	4th	1.43	4th	1.43
	5th	1.21	5th	1.21	5th	1.21	5th	1.21
	6th	1.00	6th	1.00	6th	1.00	6th	1.00
	7th	0.81	7th	0.81	7th	0.81	7th	0.81
	8th	0.67	8th	0.67	8th	0.67	8th	0.67
	Reverse	3.99	Reverse	3.99	Reverse	3.99	Reverse	3.99
	Final	3.6	Final	3.6	Final	3.6	Final	3.6
CAPACITIES								
Fuel Tank	18.6 gal	70.4 L	18.6 gal	70.4 L	18.6 gal	70.4 L	18.6 gal	70.4 L
STEERING								
Type	Rack and pinion; electric power assist		Rack and pinion; electric power assist		Rack and pinion; electric power assist		Rack and pinion; electric power assist	
Turns (lock to lock)	2.76		2.76		2.76		2.76	
Turning Circle (curb to curb)	40.51 ft	12.35 m	40.51 ft	12.35 m	40.51 ft	12.35 m	40.51 ft	12.35 m
Ratio	13.6:1		13.6:1		13.6:1		13.6:1	
INTERIOR VOLUME - SAE								
EPA Class	Small SUV 2WD		Small SUV 4WD		Small SUV 2WD		Small SUV 4WD	
Seating Capacity	5		5		5		5	
Passenger Volume	112 cu ft		112 cu ft		112 cu ft		112 cu ft	
Cargo Volume behind 2nd row	40.3 cu ft		40.3 cu ft		40.3 cu ft		40.3 cu ft	
Cargo Volume behind 1st row	77.8 cu ft		77.8 cu ft		77.8 cu ft		77.8 cu ft	
	Front	Rear	Front	Rear	Front	Rear	Front	Rear
Volume (cu ft)	58.5	53.6	58.5	53.6	58.5	53.6	58.5	53.6
Headroom (in/mm)	39.4/1000	37.8/961	39.4/1000	37.8/961	39.4/1000	37.8/961	39.4/1000	37.8/961
Shoulder room (in/mm)	61.5/1563	60.6/1540	61.5/1563	60.6/1540	61.5/1563	60.6/1540	61.5/1563	60.6/1540
Legroom (in/mm)	41.6/1058	40.4/1027	41.6/1058	40.4/1027	41.6/1058	40.4/1027	41.6/1058	40.4/1027
BODY, CHASSIS AND SUSPENSION								
Type	Unitary construction, bolt-on front fenders, two solid mounted subframes		Unitary construction, bolt-on front fenders, two solid mounted subframes		Unitary construction, bolt-on front fenders, two solid mounted subframes		Unitary construction, bolt-on front fenders, two solid mounted subframes	
Body Material	Steel stampings		Steel stampings		Steel stampings		Steel stampings	
Front Suspension	Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar	
Rear Suspension	Multilink with coil springs, telescopic dampers, anti-roll bar		Multilink with coil springs, telescopic dampers, anti-roll bar		Multilink with coil springs, telescopic dampers, anti-roll bar		Multilink with coil springs, telescopic dampers, anti-roll bar	
Brakes	Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in solid rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in solid rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in solid rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in solid rear discs	
Anti-Lock Braking System	Standard, all four wheels, with electronic brake force distribution		Standard, all four wheels, with electronic brake force distribution		Standard, all four wheels, with electronic brake force distribution		Standard, all four wheels, with electronic brake force distribution	
Stability Control	Standard Electronic Stability Control		Standard Electronic Stability Control (ESC)		Standard Electronic Stability Control (ESC)		Standard Electronic Stability Control (ESC)	
Parking Brake	Electro-mechanical		Electro-mechanical		Electro-mechanical		Electro-mechanical	
Wheels/Tires	18-in x 8J aluminum-alloy wheels 245/60 R18, all-season tires 20-in x 8J aluminum-alloy wheels 255/50 R20, all-season tires		18-in x 8J aluminum-alloy wheels 245/60 R18, all-season tires 20-in x 8J aluminum-alloy wheels 255/50 R20, all-season tires		20-in x 8J aluminum-alloy wheels 255/50 R20, all-season tires 21-in x 8J aluminum-alloy wheels 265/45 R21, all-season tires		20-in x 8J aluminum-alloy wheels 255/50 R20, all-season tires 21-in x 8J aluminum-alloy wheels 265/45 R21, all-season tires	
Drag Coefficient	0.34		0.34		0.34		0.34	

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DIMENSIONS								
Wheelbase (in/mm)	117.3/2980		117.3/2980		117.3/2980		117.3/2980	
Front Track (in/mm)	67.0/1702		67.0/1702		67.0/1702		67.0/1702	
Rear Track (in/mm)	67.6/1718		67.6/1718		67.6/1718		67.6/1718	
Length (in/mm)	195.5/4966		195.5/4966		195.5/4966		195.5/4966	
Width (in/mm)	78.4/1990		78.4/1990		78.4/1990		78.4/1990	
Height (in/mm)	67.8/1723		67.8/1723		67.8/1723		67.8/1723	
Ground Clearance (in/mm)	8.0/203		8.0/203		8.0/203		8.0/203	
WEIGHTS								
Curb Weight	4103 lb	1861 kg	4288 lb	1945 kg	4226 lb	1917 kg	4411 lb	2001 kg
GVWR	5467 lb	2480 kg	5666 lb	2570 kg	5600 lb	2540 kg	5820 lb	2640 kg
Payload	1091 lb	495 kg	1091 lb	495 kg	1091 lb	495 kg	1091 lb	495 kg
TOWING CAPACITY								
Braked trailer	2000 lb		2000 lb		2000-5000 lb		2000-5000 lb	
OFF-ROAD CAPABILITY								
Approach angle (deg)	20.9		20.9		20.9		20.9	
Departure angle (deg)	26.7		26.7		26.7		26.7	
Breakover angle (deg)	17.5		17.5		17.5		17.5	
FUEL CONSUMPTION*								
City mpg	21		18		17		16	
Highway mpg	24		23		23		22	
Combined mpg	22		20		19		19	
*Horsepower and torque achieved using premium unleaded gasoline								
Specifications, equipment, options, and prices are subject to change without notice.								