



2022 Volkswagen Atlas Cross Sport Technical Specifications

	2.0T FWD		2.0T AWD		3.6L FWD		3.6L 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		11.4:1		11.4:1	
Maximum Turbo Boost, PSI	21.6 PSI		21.6 PSI					
Horsepower (SAE) @ rpm	235 @ 5400		235 @ 5400		276 @ 6200		276 @ 6200	
Maximum Torque, lb-ft @ rpm	258 @ 1600		258 @ 1600		266 @ 3600		266 @ 3600	
Fuel Requirement	Premium unleaded recommended		Premium unleaded recommended		Regular unleaded recommended		Regular unleaded recommended	
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, five main bearings		Cast iron, five 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		All-wheel drive		Front-wheel drive		All-wheel drive	
	Automatic (8-Speed)		Automatic (8-Speed)		Automatic (8-Speed)		Automatic (8-Speed)	
Transmission Gear Ratios:1	1st	5.59	5.59	5.59	5.59	5.59	5.59	5.59
	2nd	3.14	3.14	3.14	3.14	3.14	3.14	3.14
	3rd	1.95	1.95	1.95	1.95	1.95	1.95	1.95
	4th	1.43	1.43	1.43	1.43	1.43	1.43	1.43
	5th	1.21	1.21	1.21	1.21	1.21	1.21	1.21
	6th	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7th	0.81	0.81	0.81	0.81	0.81	0.81	0.81
	8th	0.67	0.67	0.67	0.67	0.67	0.67	0.67
	Reverse	3.99	3.99	3.99	3.99	3.99	3.99	3.99
	Final I	3.60	3.60	3.60	3.60	3.60	3.60	3.60
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)	40.52 ft/ 12.35 m		40.52 ft/ 12.35 m		40.52 ft/ 12.35 m		40.52 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 (with rear seats folded)	77.8 cu ft		77.8 cu ft		77.8 cu ft		77.8 cu ft	
	1st row	2nd row	1st row	2nd row	1st row	2nd row	1st row	2nd row
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
Hip Room (in/mm)	58.2/1479	58.0/1473	58.2/1479	58.0/1473	58.2/1479	58.0/1473	58.2/1479	58.0/1473
Legroom (in/mm)	41.7/1058	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 vented rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in vented rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in vented rear discs		Power assisted, dual circuit, 13.2 x 1.2-in vented front discs and 12.2 x 0.9-in vented 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 (ESC)		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		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	
	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		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		0.35		0.35	



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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)	78.3/1990	78.3/1990	78.3/1990	78.3/1990
Height (in/mm)	67.8/1723	67.8/1723	68.2/1732	68.2/1732
Approach Angle (degrees)	18.8	18.8	20.0	20.0
Departure Angle (degrees)	25.0	25.0	25.7	25.7
Breakover Angle (degrees)	17.6	17.6	18.4	18.4
Ground Clearance (in/mm)	7.1/180	7.1/180	7.5/191	7.5/191
WEIGHTS				
Curb Weight NHTSA (lb/kg)	4123/1870	4308/1954	4284/1943	4464/2025
GVWR (lb/kg)	5467/2480	5710/2590	5578/2530	5842/2650
Payload (lb/kg)	1091/495	1091/495	1091/495	1091/495
TOWING CAPACITY				
Braked Trailer (lb)	2000	2000	5000	5000
CONSUMPTION				
City (MPG)	21	20	18	18
Highway (MPG)	25	24	24	24
Combined (MPG)	23	22	20	20

Specifications, equipment, options, and prices are subject to change without notice