

2019 Atlas Technical Specifications



	2.0T			V6 FWD			V6 AWD		
ENGINE									
Type	2.0L inline four cylinder, 16V, turbocharged/intercooled, FSI			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		3.50 in	89.0 mm		3.50 in	89.0 mm	
Stroke	3.65 in	92.8 mm		3.80 in	96.4 mm		3.80 in	96.4 mm	
Displacement	121 cu in	1984 cc		220 cu in	3597 cc		220 cu in	3597 cc	
Compression Ratio	9.6:1			12.0:1			12.0:1		
Horsepower (SAE) @ rpm	235 @ 4500			276 @ 6200			276 @ 6200		
Maximum torque, lb-ft @ rpm	258 @ 1600			266 @ 2750			266 @ 2750		
Fuel Requirement	Regular unleaded ¹			Regular unleaded			Regular unleaded		
ENGINE DESIGN									
Arrangement	Front mounted, transverse			Front mounted, transverse			Front mounted, transverse		
Cylinder block	Cast iron			Cast iron			Cast iron		
Crankshaft	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		
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			Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing		
DRIVETRAIN									
Driven wheels	Front-wheel drive			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	
	2nd	3.14		2nd	3.14		2nd	3.14	
	3rd	1.95		3rd	1.95		3rd	1.95	
	4th	1.43		4th	1.43		4th	1.43	
	5th	1.21		5th	1.21		5th	1.21	
	6th	1.00		6th	1.00		6th	1.00	
	7th	0.81		7th	0.81		7th	0.81	
	8th	0.67		8th	0.67		8th	0.67	
	Reverse	3.99		Reverse	3.99		Reverse	3.99	
	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	
STEERING									
Type	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		
Turning Circle (curb to curb)	38.1 ft	11.6 m		38.1 ft	11.6 m		38.1 ft	11.6 m	
Ratio	16.3:1			16.3:1			16.3:1		
INTERIOR VOLUME - SAE									
EPA Class	Standard SUV 2WD			Standard SUV 2WD			Standard SUV 4WD		
Seating Capacity	7			7			7		
Passenger Volume	153.7 cu ft			153.7 cu ft			153.7 cu ft		
Cargo Volume behind 3rd row	20.6 cu ft			20.6 cu ft			20.6 cu ft		
Cargo Volume behind 2nd row	55.5 cu ft			55.5 cu ft			55.5 cu ft		
Cargo Volume behind 1st row	96.8 cu ft			96.8 cu ft			96.8 cu ft		
	1st row	2nd row	3rd row	1st row	2nd row	3rd row	1st row	2nd row	3rd row
Volume (cu ft)	61.0	53.5	39.2	61.0	53.5	39.2	61.0	53.5	39.2
Headroom (in/mm)	41.3/1048	40.4/1027	38.3/972	41.3/1048	40.4/1027	38.3/972	41.3/1048	40.4/1027	38.3/972
Shoulder room (in/mm)	61.5/1563	60.8/1544	54.9/1395	61.5/1563	60.8/1544	54.9/1395	61.5/1563	60.8/1544	54.9/1395
Hiproom (in/mm)	58.2/1479	58.0/1474	45.1/1145	58.2/1479	58.0/1474	45.1/1145	58.2/1479	58.0/1474	45.1/1145
Legroom (in/mm)	41.5/1055	37.6/955	33.7/856	41.5/1055	37.6/955	33.7/856	41.5/1055	37.6/955	33.7/856
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		
Body Material	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		
Rear Suspension	Multilink with coil springs, telescopic dampers			Multilink with coil springs, telescopic dampers			Multilink with coil springs, telescopic dampers		
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		
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		
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		
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			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 21-in x 8J aluminum-alloy wheels 265/45 R21, all-season tires		
Drag Coefficient	0.34			0.34			0.34		

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DIMENSIONS						
Wheelbase (in/mm)	117.3/2979		117.3/2979		117.3/2979	
Front Track (in/mm)	67.2/1708		67.2/1708		67.2/1708	
Rear Track (in/mm)	67.8/1723		67.8/1723		67.8/1723	
Length (in/mm)	198.3/5036		198.3/5036		198.3/5036	
Width (in/mm)	78.3/1989		78.3/1989		78.3/1989	
Height (in/mm)	70.0/1778		70.0/1778		70.0/1778	
Ground Clearance (in/mm)	8.0/203		8.0/203		8.0/203	
WEIGHTS						
Curb Weight	4242 lb	1924 kg	4343 lb	1970 kg	4528 lb	2054 kg
GVWR	5644 lb	2560 kg	5754 lb	2610 kg	6019 lb	2730 kg
Payload	1080 lb	490 kg	1080 lb	490 kg	1113 lb	505 kg
TOWING CAPACITY						
Braked trailer	2000 lb		2000-5000 lb		2000-5000 lb	
OFF-ROAD CAPABILITY						
Approach angle (deg)	20.4		20.4		20.4	
Departure angle (deg)	22.4		22.4		22.4	
Breakover angle (deg)	17.5		17.5		17.5	
FUEL CONSUMPTION*						
City mpg	20		17		17	
Highway mpg	26		24		23	
Combined mpg	22		19		19	

* Horsepower and torque achieved using premium unleaded gasoline

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