

2018 Tiguan

Technical Specifications



	2.0T FWD		Tiguan 2.0T 4Motion		
ENGINE					
Type	2.0L inline four cylinder, 16V, turbocharged/intercooled, TSI		2.0L inline four cylinder, 16V, turbocharged/intercooled, TSI		
Bore	3.25 in	82.5 mm	3.25 in	82.5 mm	
Stroke	3.65 in	92.8 mm	3.65 in	92.8 mm	
Displacement	121 cu in	1984 cc	121 cu in	1984 cc	
Compression Ratio	11.7:1		11.7:1		
Horsepower @ rpm	184 @ 4400	137 kW @ 4400	184 @ 4400	137 kW @ 4400	
Maximum torque, lb-ft @ rpm	221 @ 1600		221 @ 1600		
Fuel Requirement	Regular unleaded recommended		Regular unleaded recommended		
ENGINE DESIGN					
Arrangement	Front mounted, transverse		Front mounted, transverse		
Cylinder block	Cast iron		Cast iron		
Crankshaft	Forged steel, five main bearings		Forged steel, five main bearings		
Cylinder head	Aluminum alloy, crossflow		Aluminum alloy, crossflow		
Valvetrain	Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake valve timing		Double overhead camshaft, chain driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake valve timing		
DRIVETRAIN					
Driven wheels	Front-wheel drive		4Motion™ permanent all-wheel drive system		
Transmission Gear Ratios:1	Automatic				
	1st	5.59	1st	5.59	
	2nd	3.14	2nd	3.14	
	3rd	1.95	3rd	1.95	
	4th	1.43	4th	1.43	
	5th	1.21	5th	1.21	
	6th	1.00	6th	1.00	
	7th	0.81	7th	0.81	
	8th	0.67	8th	0.67	
	Reverse	3.99	Reverse	3.99	
Final	3.33	Final	3.33		
CAPACITIES					
Fuel Tank	15.3 gal	58 L	15.9 gal	60 L	
STEERING					
Type	Rack and pinion: electric power assist		Rack and pinion: electric power assist		
Turns (lock to lock)	2.4		2.4		
Turning Circle (curb to curb)	37.7 ft	11.5 m	37.7 ft	11.5 m	
Ratio	13.9:1		13.9:1		
INTERIOR VOLUME - SAE					
EPA Class	Light duty vehicle		Light duty vehicle		
Seating Capacity	7		5		
Passenger Volume	123.9 cu ft		101.1 cu ft		
Cargo Volume (Behind 3rd Row)	12.0 cu ft		-		
Cargo Volume (Behind 2nd Row)	33.0 cu ft		37.6 cu ft		
Cargo Volume (Seats Folded)	65.7 cu ft		73.5 cu ft		
	1st row	2nd row	3rd row	1st row	2nd row
Volume (cu ft)	52.5	46.2	25.2	52.5	48.6
Headroom (in/mm)	39.6/1005	39.1/993	33.8/859	39.6/1005	38.9/989
Shoulder room (in/mm)	57.0/1448	55.9/1419	47.8/1213	57.0/1448	55.8/1417
Legroom (in/mm)	40.2/1022	36.5/926	27.9/708	40.2/1022	38.7/983
BODY, CHASSIS AND SUSPENSION					
Type	Unitary construction		Unitary construction		
Body Material	Steel stampings		Steel stampings		
Front Suspension	Strut-type with lower control arms, coil springs, telescopic damper, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		
Rear Suspension	Multilink, coil springs, telescopic dampers, anti-roll bar		Multilink, coil springs, telescopic dampers, anti-roll bar		
Brakes	Power assisted, dual circuit, 13.4 x 1.2-in vented front discs and 11.8 x 0.5-in solid rear discs		Power assisted, dual circuit, 13.4 x 1.2-in vented front discs and 11.8 x 0.5-in solid rear discs		
Anti-Lock Braking System	Standard, all four wheels, with electronic brake pressure distribution		Standard, all four wheels, with electronic brake pressure distribution		
Stability Control	Standard Electronic Stability Control (ESC)		Standard Electronic Stability Control (ESC)		
Parking Brake	Electro-mechanical		Electro-mechanical		
Wheels/Tires	17-in x 7.0J aluminum-alloy wheels		17-in x 7.0J aluminum-alloy wheels		
	215/65 R17 H, all-season tires		215/65 R17 H, all-season tires		
	18-in x 7.0J aluminum-alloy wheels		18-in x 7.0J aluminum-alloy wheels		
	235/55 R18 H, all-season tires		235/55 R18 H, all-season tires		
	19-in x 7.0J aluminum-alloy wheels		19-in x 7.0J aluminum-alloy wheels		
	235/50 R19 H, all-season tires		235/50 R19 H, all-season tires		
	19-in x 8.5J aluminum-alloy wheels		19-in x 8.5J aluminum-alloy wheels		
	255/45 R19 H, all-season tires		255/45 R19 H, all-season tires		
	20-in x 8.5J aluminum-alloy wheels		20-in x 8.5J aluminum-alloy wheels		
	255/40 R20 H, all-season tires		255/40 R20 H, all-season tires		
Drag Coefficient	0.35		0.35		

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DIMENSIONS				
Wheelbase (in/mm)	109.8/2790		109.8/2790	
Front Track (in/mm)	62.2/1581		62.2/1581	
Rear Track (in/mm)	61.8/1570		61.8/1570	
Length (in/mm)	185.1/4702		185.1/4702	
Width (in/mm)	72.4/1839		72.4/1839	
Height (in/mm)	66.3/1685		66.3/1685	
Ground Clearance (in/mm)	7.9/200		7.9/200	
WEIGHTS				
Curb Weight	3777 lb	1713 kg	3858 lb	1750 kg
GVWR	5247 lb	2380 kg	5093 lb	2310 kg
Payload	1213 lb	550 kg	970 lb	440 kg
TOWING CAPACITY				
Braked trailer	1500 lb	680 kg	1500 lb	680 kg
OFF-ROAD CAPABILITY				
Approach angle (deg)	26.2		26.2	
Departure angle (deg)	23.3		23.3	
Breakover angle (deg)	19.0		19.0	
FUEL CONSUMPTION				
City mpg	22		21	
Highway mpg	27		27	
Combined mpg	24		23	

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