

2016 Golf

Technical Specifications



Golf TSI			Golf TDI		
ENGINE					
Type	1.8L, inline four cylinder, 16V, turbocharged and intercooled, DI		2.0L, inline four cylinder, 16V, turbocharged and intercooled, DI		
Bore	3.25 in	82.5 mm	3.19 in	81.0 mm	
Stroke	3.31 in	84.1 mm	3.76 in	95.5 mm	
Displacement	110 cu in	1798 cc	120 cu in	1968 cc	
Compression Ratio	9.6:1		16.2:1		
Horsepower (SAE) @ rpm	170 @ 4500		150 @ 3500		
Maximum torque, lb-ft @ rpm	199 ¹ @ 1600		236 @ 1750		
Fuel Requirement	Regular unleaded		Diesel		
ENGINE DESIGN					
Arrangement	Front mounted, transverse		Front mounted, transverse		
Cylinder block	Cast iron		Cast iron		
Crankshaft	Cast iron, five main bearings		Forged steel, five main bearings		
Cylinder head	Aluminum alloy, crossflow		Aluminum alloy, crossflow		
Valvetrain	Double overhead camshaft, chain driven with automatic tensioner, four valves per cylinder, maintenance-free hydraulic lifters, variable intake timing		Double overhead camshaft, spur belt driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake and exhaust timing		
DRIVETRAIN					
Driven wheels	Front-wheel drive			Front-wheel drive	
		Manual	Automatic		Manual
Transmission Gear Ratios:1	1st	3.78	4.46	1st	3.77
	2nd	2.12	2.51	2nd	1.96
	3rd	1.27	1.56	3rd	1.26
	4th	0.86	1.14	4th	0.87
	5th	0.66	0.85	5th	0.86
	6th		0.67	6th	0.72
	Reverse	3.60	3.19	Reverse	4.55
	Final I	3.39	3.87	Final I	3.45
			Final II	2.76	3.33
CAPACITIES					
Fuel Tank	13.2 gal	50 L	13.2 gal	50 L	
STEERING					
Type	Rack and pinion, electric power assist			Rack and pinion, electric power assist	
Turns (lock to lock)	2.76			2.76	
Turning Circle (curb to curb)	35.8 ft			35.8 ft	
Ratio	13.6:1			13.6:1	
INTERIOR VOLUME - SAE					
EPA Class	Compact			Compact	
Seating Capacity	Five			Five	
Passenger Volume 2D/4D	93.5 cu ft			93.5 cu ft	
Cargo Volume, trunk	22.8 cu ft			22.8 cu ft	
Cargo Volume, seats down	52.7 cu ft			52.7 cu ft	
	Front	Rear	Front	Rear	
Volume	51.2 cu ft	42.3 cu ft	51.2 cu ft	42.3 cu ft	
Headroom (in/mm)	38.4/975	38.1/967	38.4/975	38.1/967	
Shoulder room 2D/4D (in/mm)	55.9/1420	53.9/1370	55.9/1420	53.9/1370	
Legroom (in/mm)	41.2/1046	35.6/903	41.2/1046	35.6/903	
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	
Body Material	Steel stampings			Steel stampings	
Front Suspension	Strut-type with lower control arms, coil springs, telescopic dampers, 22-mm-diameter anti-roll bar			Strut-type with lower control arms, coil springs, telescopic dampers, 22-mm diameter anti-roll bar	
Rear Suspension	Multilink with coil springs, telescopic dampers, 19-mm-diameter anti-roll bar			Torsion beam with coil springs, telescopic dampers	
Brakes	Power assisted, dual circuit, 11.3 x 1.0-in vented front discs and 10.7 x 0.4-in solid rear discs			Power assisted, dual circuit, 11.3 x 1.0-in vented front discs and 10.0 x 0.4-in solid rear discs	
Anti-Lock Braking System	Standard, all four wheels, four-channel with electronic brake pressure distribution			Standard, all four wheels, four-channel with electronic brake pressure distribution	
Stability Control	Standard Electronic Stability Control (ESC)			Standard Electronic Stability Control (ESC)	
Parking Brake	Mechanical			Mechanical	
Wheels/tires	15-in x 6J aluminum-alloy wheels 195/65 R15 all-season tires 17-in x 7J aluminum-alloy wheels 225/45 R17 all-season tires 18-in x 7.5J aluminum-alloy wheels 225/40 R18 all-season tires			16-in x 6.5J aluminum-alloy wheels 205/55 R16 all-season tires 17-in x 7J aluminum-alloy wheels 225/45 R17 all-season tires 18-in x 7.5J aluminum-alloy wheels 225/40 R18 all-season tires	
Drag Coefficient	0.29			0.29	

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DIMENSIONS							
Wheelbase (in/mm)		103.8/2637		103.8/2637			
Front Track (in/mm)		61.0/1549		61.0/1549			
Rear Track (in/mm)		59.8/1520		59.8/1520			
Length (in/mm)		167.5/4255		167.5/4255			
Width 2D (in/mm)		70.5/1790		70.5/1790			
Width 4D (in/mm)		70.8/1799		70.8/1799			
Height (in/mm)		57.2/1452		57.2/1452			
Ground Clearance (in/mm)		5.4/138		5.4/138			
WEIGHTS							
Curb Weight 2D	Manual	2901 lb	1316 kg	N/A			
	Automatic	2961 lb	1343 kg	N/A			
Curb Weight 4D	Manual	2963 lb	1344 kg	3080 lb	1397 kg		
	Automatic	3023 lb	1371 kg	3126 lb	1418 kg		
GVWR 2D	Manual	4123 lb	1870 kg	N/A			
	Automatic	4167 lb	1890 kg	N/A			
GVWR 4D	Manual	4123 lb	1870 kg	4211 lb	1910 kg		
	Automatic	4167 lb	1890 kg	4255 lb	1930 kg		
Payload 2D	Manual	1082 lb	491 kg	N/A			
	Automatic	1067 lb	484 kg	N/A			
Payload 4D	Manual	1021 lb	463 kg	1012 lb	459 kg		
	Automatic	1005 lb	456 kg	1010 lb	458 kg		
FUEL CONSUMPTION		Manual		Automatic			
City mpg		25		25		32	
Highway mpg		37		36		44	
Combined mpg		30		29		37	

* Limited to 184 lb-ft with manual transmission

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