

# 2016 Golf

## Technical Specifications



	Golf TSI			Golf TDI		
<b>ENGINE</b>						
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 <sup>1</sup> @ 1600			236 @ 1750		
Fuel Requirement	Regular unleaded			Diesel		
<b>ENGINE DESIGN</b>						
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		
<b>DRIVETRAIN</b>						
Driven wheels	Front-wheel drive			Front-wheel drive		
		Manual	Automatic		Manual	Automatic
Transmission Gear Ratios:1	1st	3.78	4.46	1st	3.77	3.46
	2nd	2.12	2.51	2nd	1.96	1.90
	3rd	1.27	1.56	3rd	1.26	1.13
	4th	0.86	1.14	4th	0.87	0.76
	5th	0.66	0.85	5th	0.86	0.76
	6th		0.67	6th	0.72	0.62
	Reverse	3.60	3.19	Reverse	4.55	3.26
	Final I	3.39	3.87	Final I	3.45	4.38
				Final II	2.76	3.33
<b>CAPACITIES</b>						
Fuel Tank	13.2 gal	50 L		13.2 gal	50 L	
<b>STEERING</b>						
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		
<b>INTERIOR VOLUME - SAE</b>						
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		
	<b>Front</b>	<b>Rear</b>		<b>Front</b>	<b>Rear</b>	
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	
<b>BODY, CHASSIS AND SUSPENSION</b>						
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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<b>DIMENSIONS</b>					
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		
<b>WEIGHTS</b>					
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
<b>FUEL CONSUMPTION</b>					
	<b>Manual</b>	<b>Automatic</b>		<b>Manual</b>	<b>Automatic</b>
City mpg	25	25		32	32
Highway mpg	37	36		44	44
Combined mpg	30	29		37	37

<sup>1</sup> Limited to 184 lb-ft with manual transmission

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