

2013 Golf R

Technical Specifications



Golf R

ENGINE

Type	2.0L inline four cylinder, 16V, turbocharged/intercooled, TSI	
Bore	3.25 in	82.5 mm
Stroke	3.65 in	92.8 mm
Displacement	121 cu in	1984 cc
Compression Ratio	9.8:1	
Horsepower (SAE) @ rpm	256 @ 6000	(188 kW @ 6000)
Maximum torque, lb-ft @ rpm	243 @ 2400	(330 Nm @ 2400)
Fuel Requirement	Premium unleaded recommended	

ENGINE DESIGN

Arrangement	Front mounted, transverse
Cylinder block	Cast iron
Crankshaft	Forged steel, five main bearings
Cylinder head	Aluminum alloy, crossflow
Valvetrain	Double overhead camshaft, belt driven, four valves per cylinder, maintenance-free hydraulic lifters, variable intake timing

DRIVETRAIN

Driven wheels	4Motion permanent all-wheel-drive system with Haldex® center differential	
Transmission Gear Ratios:1	1st	3.36
	2nd	2.09
	3rd	1.47
	4th	1.09
	5th	1.10
	6th	0.91
	Reverse	3.99
	Final I	4.24
	Final II	3.27

CAPACITIES

Fuel Tank	14.5 gal	55 L
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STEERING

Type	Rack and pinion: electric power assist	
Turns (lock to lock)	3.01	
Turning Circle (curb to curb)	35.8 ft	10.9 m
Ratio	15.6:1	

INTERIOR VOLUME - SAE

EPA Class	Compact	
Seating Capacity	Five	
Passenger Volume 2D/4D	93.5 / 92.9 cu ft	
Cargo Volume 2D/4D	14.8 / 14.6 cu ft	
	Front	Rear
Volume 2D/4D	51.1 / 51.2 cu ft	42.4 / 41.7 cu ft
Headroom (in/mm)	39.3/998	38.5/979
Shoulder room (in/mm) 2D	54.5/1385	53.6/1362
Shoulder room (in/mm) 4D	54.7/1389	52.8/1340
Legroom (in/mm)	41.2/1046	35.5/901

BODY, CHASSIS AND SUSPENSION

Type	Unitary construction
Body Material	Steel stampings
Front Suspension	Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar
Rear Suspension	Multilink with coil springs, telescopic dampers, anti-roll bar
Brakes	Power assisted, dual circuit, 13.6 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, three-channel with electronic brake pressure distribution
Stability Control	Standard Electronic Stability Control (ESC)
Parking Brake	Mechanical
Wheels/Tires	18-in x 7.5J aluminum-alloy wheels 225/40 R18 92H all-season tires

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DIMENSIONS		
Wheelbase (in/mm)	101.5/2578	
Front Track (in/mm)	60.4/1533	
Rear Track (in/mm)	59.6/1514	
Length (in/mm)	165.8/4212	
Width (in/mm)	70.3/1786	
Height (in/mm)	57.5/1469	
Ground Clearance (in/mm)	5.0/128	
WEIGHTS		
Curb Weight 2D/4D	3325 lb	1508 kg
GVWR 2D/4D	4542 lb	2060 kg
Payload 2D/4D	1118 lb	507 kg
FUEL CONSUMPTION		
	Manual	
City mpg	19	
Highway mpg	27	

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