

2005 U.S. Volkswagen GTI

Standard Equipment

Legend:

S Standard, at no additional charge O Option, at additional charge

P Part of option package, at additional package charge - Not available

EXTERIOR		GTI 1.8T	GTI VR6
Antenna	Roof-mounted amplified flexible black whip antenna	S	S
Anti-Corrosion	Fully galvanized sheet metal	S	S
Badging	Rear/driver side/model badge	S	S
	Rear/passenger side/1.8T badge	S	-
	Rear/passenger side/VR6 badge	-	S
Body Panels	Crash optimized front end	S	S
Brake Lights	Center high mounted stop lamp in top of rear window	S	S
Bumpers	Body color bumpers with black lower section	S	S
	Dual exhaust pipes without chrome	S	-
	Dual chrome tipped exhaust pipes	-	S
Doors	Two doors (Three, including hatch)	S	S
	Anti-intrusion side door beams	S	S
	Body color door handles	S	S
	Fuel Tank	Fuel cap with string attachment and notched edge	S
Glass	Gray band on upper windshield	S	S
	Tinted glass, green	S	S
Grille	Body color grille with center logo	S	S
Horn	Dual tone horns	S	S
Lights, Front/Rear	Halogen headlamps with clear, lightweight, chip resistant polycarbonate lenses	S	S
	Daytime Running Lights (DRL). Upon start-up of vehicle, headlamps engage with reduced power. Instrument panel lighting, parking lights and taillights remain off. To engage all lights with full power, the light switch must be turned to the	S	S
	Darkened tail lamp lenses	S	S
	Headlights-on warning tone, upon opening of driver's door when ignition key is removed	S	S
	Side blinkers lights (clear lens optic)	S	S
	Mirrors	Body color mirror housings	S
	Driver and passenger side power exterior mirrors, heatable	S	S
Moldings/Panels	Body color side moldings	S	S
Paint	Metallic paint (no charge)	O	O
	Non-metallic paint	S	S
Roof	Power glass sunroof with tilt, slide, tinted glass, manual sunshade, pinch protection, and driver's door power lock operated convenience closing feature	P	P
Tires	205/55 R16 H, all season tires (snow chain compatible)	S	-
	225/45 R17 H, all season tires	O	S
	Full size spare wheel/tire	S	S
Wheels	6.5J X 16" alloy wheels	S	-
	7J X 17" alloy wheels	O	S
	Anti-theft wheel locks	S	S
Wipers/Washer	Two-speed windshield wipers with variable intermittent wipe	S	S
	Rain sensor, automatic wiper speed control, windshield wiper speed control is vehicle speed sensitive	-	P
	Rear wiper/washer system with intermittent wipe feature	S	S
	Heatable windshield washer nozzles, front	P	P

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INTERIOR		GTI 1.8T	GTI VR6
Air Conditioning	Air conditioning, CFC-free	S	S
	Electronic climate control (Climatronic), CFC-free	-	P
Alarm/Anti-Theft	Anti-theft vehicle alarm system for doors, hood, trunk lid, radio, and starter, with warning LED in door top sill and with audible and visual activation	S	S
	Immobilizer III theft deterrent system	S	S
Armrest	Front center armrest adjustable/folding with storage	S	S
Ashtray	Non-smoker package (power outlet with plug, ashtray receptacle with red insert)	S	S
	Rear storage receptacle with red insert at rear end of center	S	S
Assist Handles	Silicone damped-return assist handles, two front and two	S	S
Cruise Control	Cruise control	S	S
Defroster	Electric rear window defroster	S	S
	Electric side mirror defroster/defogger	S	S
Doors	Open door warning/courtesy lights, in front door	S	S
Doors/Side Panels	Integrated armrests in front door panels	S	S
	Integrated armrests in rear door panels	S	S
	Molded door trim with cloth inserts	S	S
	Molded door trim with smooth leatherette inserts	P	P
Floor Mats	Front and rear floor mats	S	S
Instrument Cluster	Break wear indicator	S	S
	Illumination of controls and gauges - blue, with red indicators	S	S
	Seatbelt reminder and fuel cap seal warning	S	S
	Multi function trip computer: Featuring trip time, trip length, average trip speed, average trip fuel consumption, current fuel consumption, outside temperature. Dot matrix font	-	S
	Miles to empty in trip computer	-	S
	Speedometer, tachometer, odometer, trip odometer, coolant temperature gauge, fuel gauge, gear indicator (if equipped with optional automatic transmission), warning lights, digital	S	S
Keys	Folding keys (2) with radio-frequency remote transmitter for central locking, eyelet	S	S
	Valet key	S	S
Lighting	Glove box light	S	S
	Interior front center dome light with time delay and two	S	S
	Luggage compartment light	S	S
	Two rear reading lights	S	S
	Interior ambient lighting above center console	-	P
Locks	Automatic locking feature (doors lock automatically when vehicle reaches 8 mph). Dealer can disable feature or program to unlock when ignition key is removed. Doors unlock automatically upon airbag* deployment	S	S
	Driver and passenger door mounted power lock/unlock switches for central locking system	S	S
	Remote central power locking system with selective unlocking and key operated convenience open and close	S	S
Mirrors, Interior	Dual driver and front passenger visor vanity mirrors, illuminated with cover	S	S
	Interior rearview mirror, self-dimming with switch	-	P
	Mirror control pad with joystick control	S	S

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INTERIOR		GTI 1.8T	GTI VR6
Ornamentation	Chrome button for parking brake	S	S
	Chrome interior door handles	S	S
	Chrome lock cylinder for glove box	S	S
	Chrome shift lever base plate (automatic transmission only)	S	-
Power Outlets	Power outlet (SAE size) in center console	S	S
	Power outlet (SAE size) in trunk	S	S
Radio/Audio	Premium CD, 8 speakers with radio, cassette and integrated	S	S
	Monsoon Sound System, 8-speakers with amplifier	P	P
	CD-changer preparation with CD changer wiring harness and mounting shelf in left hand side pocket of trunk	S	S
Remote Releases	Remote releases for trunk and fuel filler flap, located on driver's side door	S	S
Restraint Systems	Driver and front passenger front airbag* supplemental	S	S
	Driver and front passenger side airbag* supplemental	S	S
	Side Curtain Protection™	S	S
	Emergency locking retractors for all seating positions	S	S
	Safety belts pre-tensioners with load limiters, front seats only	S	S
	Height adjustable front 3-point safety belts, color coordinated	S	S
	Rear 3-point safety belts, all 3 seating positions, color	S	S
	LATCH (Lower Anchors and Tether for CHildren. Formerly known as ISOFIX) - child seat lower attachment points and top tether rear outboard seating positions	S	S
	Child seat tether anchorage points with markings, rear seating positions	S	S
	Buckle switch (sensor which deploys airbag* depending on safety belt use)	S	S
	Interlock feature - center rear safety belts cannot be extended unless seat back is in fully locked position	S	S
Seating, Front	Front seats, fully reclining, height adjustable, with adjustable (height & angle) lockable head restraints	S	S
	"Easy Entry System" allows front seat to move forward for easy access to rear seating area	S	S
	Sport seats	S	S
	Heatable front seats	P	P
	Lumbar support, adjustable for driver and front passenger	P	P
Seating, Rear	Rear seat head restraints, height adjustable, all seating	S	S
	60/40 split folding rear seat	S	S
Special Features	Telematics	O	O
Steering Wheel	3-spoke padded leather wrapped steering wheel	S	S
	Height adjustable and telescoping steering column	S	S
	Steering wheel deformable/collapsible upon impact	S	S
	Theft-deterrent steering column	S	S
Storage, Interior	Two front cupholders and one rear cupholder	S	S
	Front door storage pockets with rubber liners	S	S
	Front seatback magazine/storage pocket	S	S
	Soft opening (silicone dampened) glovebox, lockable	S	S
	Storage compartment inside front center armrest	S	S
Sunvisor	Small, third center sunvisor over rearview mirror	S	S

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INTERIOR		GTI 1.8T	GTI VR6
Trim (Details)	Leather shift knob	S	S
	Leather handbrake grip	S	S
	Gear selector cover (automatic transmission only)	S	-
	Soft-touch interior parts	S	S
Trunk/Cargo Area	4 tie-down hooks in floor of trunk, one in each corner	S	S
	CD Changer mounting shelf in left hand enclosed side pocket	S	S
	Fully carpeted lined luggage compartment	S	S
	Grip on inside of trunk lid to assist closing	S	S
	Luggage compartment cover, one piece, lifting, removable	S	S
Upholstery	Cloth seat fabric	S	S
	Leather seating surfaces	P	P
Ventilation System	Rear passenger ventilation for heat and A/C	S	S
	Pollen and dust filter	S	S
Windows	Key opening & closing feature for power windows	S	S
	Power windows with pinch protection. Front windows with automatic one-touch feature, operable from driver's side only	S	S
TECHNICAL		GTI 1.8T	GTI VR6
Battery	Battery box, hard shell box around the battery for protection	S	S
Brakes	ABS (Anti-lock Braking System)	S	S
	Power assisted front vented disc brakes, rear solid disc	S	S
Emissions	Bin 8 EPA Federal Emissions Concept	S	-
	Bin 8 California Emissions Concept	S	-
	Bin 9 EPA Federal Emissions Concept	-	S
	LEV I California Emissions Concept	-	S
	OB2 II	S	S
	ORVR (On-board Refueling Vapor Recovery)	S	S
Engine	EVAP standard for USA	S	-
	1.8T 180 horsepower, 173 lbs-ft torque, 4 cylinder, in-line, 5V, turbocharged	S	-
	2.8L 200 horsepower, 195 lbs-ft torque, 6 cylinder, VR6, 15°	-	S
Side Impact	Anti-intrusion side door beams	S	S
Steering	Power assisted rack and pinion steering	S	S
Suspension	Front and rear gas shock absorbers	S	S
	Independent front McPherson struts, stabilizer bar	S	S
	Independent track correcting torsion beam rear axle with integrated stabilizer bar	S	S
	Sport suspension	S	S
Traction Control	Anti-Slip Regulation (ASR)	S	S
	Electronic Differential Lock (EDL)	S	S
	Electronic Stabilization Program with brake assist	O	S
Transmission	5-speed manual transmission	S	-
	6-speed manual transmission	-	S
	5-speed automatic transmission with Tiptronic	O	-
	Cable shift mechanism - manual transmission only	S	S
	Clutch starter interlock for manual transmission. Vehicle will not start if clutch is not depressed	S	S
	Floor mounted kick-down switch (automatic transmission)	O	-
	Hydraulic clutch for manual transmission	S	S

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LIMITED WARRANTY¹		GTI 1.8T	GTI VR6
Corrosion-Perforation	12 year/unlimited distance Limited Warranty against Corrosion Perforation	S	S
Powertrain	5 year/60,000 mile (whichever occurs first). Powertrain Limited Warranty	S	S
Vehicle	4 year/50,000 mile (whichever occurs first). New Vehicle Limited Warranty. Wear & tear items and adjustments excluded after initial 12 month/12,000 miles (whichever	S	S
ROADSIDE ASSISTANCE		GTI 1.8T	GTI VR6
Roadside Assistance	4-year/unlimited mileage 24 hour, provided by Road America	S	S

*Airbags are supplemental restraints only and will not deploy under all accident circumstances. Always use safety belts and seat children only in the rear, using restraint systems appropriate for their size and age.

¹ Please review limitations and exclusions with your dealership representative.

All equipment listed is subject to production-related change or delayed availability.

2005 U.S. Volkswagen GTI 1.8T

Technical Specifications

ENGINE				
Type	4 cylinder, in-line, turbo-charged			
Bore	3.19	in	81.0	mm
Stroke	3.40	in	86.4	mm
Displacement	108.6	in ³	1,781	cm ³
Compression Ratio	9.5 : 1			
Horsepower (SAE) @ rpm	180 @ 5,500 (132 kW @ 5,500)			
Maximum torque, lbs - ft @ rpm	173 @ 1,950-5,000 (235 Nm @ 1,950-5,000)			
Fuel Requirement	Premium unleaded recommended for maximum performance			
Firing Order	1-3-4-2			
ENGINE DESIGN				
Arrangement	Front mounted, transverse			
Cylinder Block	Cast iron			
Crank Shaft	Forged steel, five main bearings			
Cylinder Head	Aluminum alloy, cross flow			
Valve Train	Dual overhead camshaft, spur belt driven, five valves per cylinder, maintenance free hydraulic lifters			
Cooling System	Water cooled, water pump, cross flow radiator, thermostatically controlled electric radiator fan			
Lubrication	Rotary gear pump, chain driven, oil cooler			
Fuel / Air Supply	Sequential multi-point fuel injection (Motronic), turbocharger			
Emissions	Bin 8 EPA Federal Emissions Concept, Bin 8 California Emissions Concept, OBD II, ORVR (onboard refueling vapor recovery), EVAP standard for USA, 3-way catalytic converter with two oxygen sensors			
ELECTRICAL SYSTEM				
Alternator - V/A	14/120			
Battery - V/Ah	12/60			
Ignition	Digital electronic with knock sensor			
DRIVETRAIN				
Drivetrain	Front wheel drive			
			Manual Automatic	
Transmission Gear Ratios:1	1st	3.30	3.80	
	2nd	1.94	2.13	
	3rd	1.31	1.36	
	4th	1.03	0.94	
	5th	0.84	0.69	
	6th	--	--	
	Reverse	3.06	2.97	
	Final I	3.65	4.44	
Final II	--	--		
CAPACITIES				
Engine Oil (with filter)	4.8	qt	4.5	L
Fuel Tank	14.5	gal	55.0	L
Cooling System	7.4	qt	7.0	L
Wiper Fluid	3.2	qt	3.0	L
STEERING				
Type	Rack and pinion, power assisted			
Turns (lock to lock)	3.04			
Turning Circle (curb to curb)	35.8	ft	10.9	m
Ratio	15.6 : 1			

2005 U.S. Volkswagen GTI 1.8T

Technical Specifications

INTERIOR VOLUME - SAE

EPA Class	Compact			
Seating Capacity	Five			
Passenger Volume	88	ft ³	2.5	m ³
Cargo Volume	18	ft ³	0.5	m ³
Cargo Volume with rear seat folded	41.8	ft ³	1.18	m ³
	Front		Rear	
Volume	49.8	ft ³	1.4	m ³
Head Room	38.6	in	980	mm
Shoulder Room	53.7	in	1,364	mm
Leg Room	41.5	in	1,054	mm

BODY, CHASSIS AND SUSPENSION

Type	Unitized construction, bolt-on front fenders
Front Suspension	Independent McPherson struts, coil springs, telescopic shock absorbers, 23 mm integrated stabilizer bar
Rear Suspension	Independent torsion beam axle, coil springs, telescopic gas pressurized shock absorbers, 18 mm stabilizer bar
Service Brakes	Power assisted, dual circuit, vented 288 x 25 mm front discs and 232 x 9 mm solid rear discs
Anti Lock Braking System	Standard, all four wheels, 3-channel with electronic brake pressure distribution, Anti-Slip Regulation (ASR) and Electronic Differential Lock
Parking Brake	Mechanical, effective on rear wheels
Wheels/Tires	6.5J X 16" alloy wheels 205/55 R16 H, all season tires (snow chain compatible)
Drag Coefficient	.31

DIMENSIONS

Wheelbase	98.9	in	2,511	mm
Front Track	59.6	in	1,513	mm
Rear Track	58.8	in	1,494	mm
Length	164.9	in	4,189	mm
Width	68.3	in	1,735	mm
Height	56.7	in	1,439	mm
Ground Clearance	5.1	in	129	mm

WEIGHTS

	Manual			Automatic					
Curb Weight		2,934	lbs	1,331	kg	3,051	lb	1,384	kg
	Front	1,775	lbs	805	kg	1,903	lb	863	kg
	Rear	1,160	lbs	526	kg	1,149	lb	521	kg
Payload		902	lbs	409	kg	893	lb	405	kg

FUEL CONSUMPTION*

	Manual	Automatic
City mpg	24	22
Highway mpg	31	29
City L/100km	9.8	10.8
Highway L/100km	6.9	7.4

PERFORMANCE

	Manual		Automatic	
0-60 mph	7.5	seconds	8.6	seconds
Top Speed	130	mph**	130	mph**

*EPA fuel mileage estimates. Your mileage may vary.

**Maximum speed electronically limited to 130 mph in U.S. Obey all speed and traffic laws.

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2005 U.S. Volkswagen GTI 2.8L VR6

Technical Specifications

ENGINE

Type	6 cylinder, 15° V		
Bore	3.19 in	81.0 mm	
Stroke	3.56 in	90.3 mm	
Displacement	170.3 in ³	2,792 cm ³	
Compression Ratio	10.5 : 1		
Horsepower (SAE) @ rpm	200 @ 6,200 (147 kW @ 6,200)		
Maximum torque, lbs - ft @ rpm	195 @ 3,200 (265 Nm @ 3,200)		
Fuel Requirement	Premium unleaded recommended for maximum performance		
Firing Order	1-5-3-6-2-4		

ENGINE DESIGN

Arrangement	Front mounted, transverse
Cylinder Block	Cast iron
Crank Shaft	Forged steel, seven main bearings
Cylinder Head	Aluminum alloy, cross flow
Valve Train	Dual overhead camshaft, chain driven, four valves per cylinder, maintenance free hydraulic lifters, variable valve timing
Cooling System	Water cooled, water pump, cross flow radiator, thermostatically controlled electric 3-speed radiator fan
Lubrication	Rotary gear pump, oil cooler
Fuel / Air Supply	Sequential multi-point fuel injection (Motronic), variable intake manifold, variable intake and exhaust cam timing
Emissions	LEV I California Emissions Concept, Bin 9 EPA Federal Emissions Concept, OBD II, ORVR (onboard refueling vapor recovery), 3-way catalytic converter with two oxygen sensors, secondary air injection pump

ELECTRICAL SYSTEM

Alternator - V/A	14/120
Battery - V/Ah	12/60
Ignition	Digital electronic with dual knock sensor

DRIVETRAIN

Drivetrain	Front wheel drive		
		Manual Automatic	
Transmission Gear Ratios:1	1st	3.36	--
	2nd	2.09	--
	3rd	1.47	--
	4th	1.15	--
	5th	1.19	--
	6th	0.98	--
	Reverse	3.99	--
	Final I	3.94	--
	Final II	3.09	--

CAPACITIES

Engine Oil (with filter)	5.8 qt	5.5 L
Fuel Tank	14.5 gal	55.0 L
Cooling System	11.6 qt	11.0 L
Wiper Fluid	3.2 qt	3.0 L

STEERING

Type	Rack and pinion, power assisted		
Turns (lock to lock)	3.04		
Turning Circle (curb to curb)	35.8 ft	10.9 m	
Ratio	15.6 : 1		

2005 U.S. Volkswagen GTI 2.8L VR6

Technical Specifications

INTERIOR VOLUME - SAE

EPA Class	Compact			
Seating Capacity	Five			
Passenger Volume	88	ft ³	2.5	m ³
Cargo Volume	18	ft ³	0.5	m ³
Cargo Volume with rear seat folded	41.8	ft ³	1.2	m ³
	Front		Rear	
Volume	49.8	ft ³	1.40	m ³
Head Room	38.6	in	980	mm
Shoulder Room	53.7	in	1,364	mm
Leg Room	41.5	in	1,054	mm

BODY, CHASSIS AND SUSPENSION

Type	Unitized construction, bolt-on front fenders
Front Suspension	Independent McPherson struts, coil springs, telescopic shock absorbers, 23 mm integrated stabilizer bar
Rear Suspension	Independent torsion beam axle, coil springs, telescopic gas pressurized shock
Service Brakes	Power assisted, dual circuit, vented 288 x 25 mm front discs and 232 x 9 mm solid rear discs
Anti Lock Braking System	MK 60, with Electronic Stabilization Program with Brake Assist all four wheels
Parking Brake	Mechanical, effective on rear wheels
Wheels/Tires	7J X 17" alloy wheels 225/45 R17 H, all season tires
Drag Coefficient	.31

DIMENSIONS

Wheelbase	98.9	in	2,511	mm
Front Track	59.6	in	1,513	mm
Rear Track	58.8	in	1,494	mm
Length	164.9	in	4,189	mm
Width	68.3	in	1,735	mm
Height	56.7	in	1,439	mm
Ground Clearance	5.1	in	129	mm

WEIGHTS

	Manual		Automatic	
Curb Weight	3,036	lbs	1,377	kg
	Front	1,927	lbs	874
	Rear	1,109	lbs	503
Payload	944	lbs	428	kg

FUEL CONSUMPTION*

	Manual	Automatic
City mpg	21	--
Highway mpg	30	--
City L/100km	11.1	--
Highway L/100km	7.3	--

PERFORMANCE

	Manual	Automatic
0-60 mph	7.7	seconds
Top Speed	130	mph**

*EPA fuel mileage estimates. Your mileage may vary.

**Maximum speed electronically limited to 130 mph in U.S. Obey all speed and traffic laws.

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