

2012 Jetta

Technical Specifications



	Jetta 2.0L		Jetta 2.5L		Jetta 2.0L TDI	
ENGINE						
Type	2.0L, inline four cylinder, 8V, MPFI		2.5L inline five cylinder, 20V, MPFI		2.0L, inline four cylinder, 20V, turbocharged and intercooled, DI	
Bore	3.25 in	82.5 mm	3.25 in	82.5 mm	3.19 in	81.0 mm
Stroke	3.65 in	92.8 mm	3.6 in	92.8 mm	3.74 in	95.5 mm
Displacement	121 cu in	1984 cc	151 cu in	2480 cc	120 in	1968 cc
Compression Ratio	10.3:1		9.5:1		16.5:1	
Horsepower (SAE) @ rpm	115 @ 5200	(85 kW @ 5200)	170 @ 5700	(125 kW @ 5700)	140 @ 4000	(103 kW @ 4000)
Maximum torque, lb-ft @ rpm	125 lb-ft @ 4000	(170 Nm @ 4000)	177 lb-ft @ 4250	(240 Nm @ 4250)	236 lb-ft @ 1750	(320 Nm @ 1750)
Fuel Requirement	Regular unleaded		Regular Unleaded		Diesel	
ENGINE DESIGN						
Arrangement	Front mounted, transverse		Front mounted, transverse		Front mounted, transverse	
Cylinder block	Cast iron		Cast iron		Cast iron	
Crankshaft	Cast iron, five main bearings		Cast iron, six main bearings		Forged steel, five main bearings	
Cylinder head	Aluminum alloy, crossflow		Aluminum alloy, crossflow		Aluminum alloy, crossflow	
Valvetrain	Single overhead camshaft, chain driven with automatic tensioner, two valves per cylinder		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	
DRIVETRAIN						
Driven wheels	Front wheel drive		Front wheel drive		Front wheel drive	
		Manual Automatic		Manual Automatic		Manual Automatic
Transmission Gear Ratios:1	1st	3.45 4.15	1st	3.78 4.04	1st	3.77 3.46
	2nd	1.95 2.37	2nd	2.12 2.37	2nd	1.96 2.05
	3rd	1.28 1.56	3rd	1.27 1.56	3rd	1.26 1.30
	4th	0.88 1.15	4th	0.87 1.16	4th	0.87 0.90
	5th	0.67 0.86	5th	0.66 0.85	5th	0.86 0.91
	6th	-- 0.69	6th	-- 0.67	6th	0.72 0.76
	Reverse	3.18 3.39	Reverse	3.60 3.19	Reverse	4.55 3.99
	Final	3.93 3.68	Final	3.39 3.50	Final I	3.45 4.12
					Final II	2.76 3.04
CAPACITIES						
Fuel Tank	14.5 gal	55 L	14.5 gal	55 L	14.5 gal	55 L
STEERING						
Type	Rack and pinion: hydraulic power assist		Rack and pinion: hydraulic power assist		Rack and pinion: electric power assist	
Turns (lock to lock)	3.01		3.01		3.01	
Turning Circle (curb to curb)	36.4 ft 11.1 m		36.4 ft 11.1 m		36.4 ft 11.1 m	
Ratio	16.4 : 1		16.4 : 1		16.4 : 1	
INTERIOR VOLUME - SAE						
EPA Class	Compact		Compact		Compact	
Seating Capacity	Five		Five		Five	
Passenger Volume	94.1 cu ft		94.1 cu ft		92.4 cu ft	
Cargo Volume	15.5 cu ft		15.5 cu ft		15.5 cu ft	
	Front	Rear	Front	Rear	Front	Rear
Volume	50.3 cu ft	43.8 cu ft	50.3 cu ft	43.8 cu ft	48.7 cu ft	43.7 cu ft
Headroom (in/mm)	38.2/970	37.1/943	38.2/970	37.1/943	37.0/941	37.0/941
Shoulder room (in/mm)	55.2/1401	53.6/1362	55.2/1401	53.6/1362	55.2/1401	53.6/1362
Legroom (in/mm)	41.2/1046	38.1/967	41.2/1046	38.1/967	41.2/1046	38.1/967
BODY, CHASSIS AND SUSPENSION						
Type	Unitary construction		Unitary construction		Unitary construction	
Body Material	Steel stampings		Steel stampings		Steel stampings	
Front Suspension	Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar		Strut-type with lower control arms, coil springs, telescopic dampers, anti-roll bar	
Rear Suspension	Torsion beam axle, coil springs, telescopic dampers		Torsion beam axle, coil springs, telescopic dampers		Torsion beam axle, coil springs, telescopic dampers	
Brakes	Power assisted, dual circuit, vented 11.0 x 0.9-in vented front discs and 9.1 x 1.3-in rear drums		Power assisted, dual circuit, 11.3 x 1.0-in vented front discs and 9.1 x 1.3-in rear drums		Power assisted, dual circuit, 11.3 x 1.0-in vented front discs and 10.7 x 0.4-in solid rear discs	
Brakes SEL1/SEL2/SEL3			Power assisted, dual circuit, 11.3 x 1.0-in vented front discs and 10.7 x 0.4-in solid rear discs			
Anti-Lock Braking System	Standard, all four wheels, three-channel with electronic brake pressure distribution		Standard, all four wheels, three-channel with electronic brake pressure distribution		Standard, all four wheels, three-channel with electronic brake pressure distribution	
Stability Control	Standard Electronic Stability Control (ESC)		Standard Electronic Stability Control (ESC)		Standard Electronic Stability Control (ESC)	
Parking Brake	Mechanical		Mechanical		Mechanical	
Wheels/Tires	15-in steel wheels 195/65 R15 H, all-season tires		16-in steel wheels 205/55 R16 H, all-season tires 6.5J x 16-in aluminum-alloy wheels 205/55 R16 H, all-season tires 7J x 17-in aluminum-alloy wheels 225/45 R17 H, all-season tires		16-in steel wheels 205/55 R16 H, all-season tires	
Drag Coefficient	0.30		0.30		0.30	

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DIMENSIONS							
Wheelbase (in/mm)	104.4/2651		104.4/2651		104.4/2651		
Front Track (in/mm)	60.7/1541		60.4/1535		60.7/1541		
Rear Track (in/mm)	60.6/1538		60.3/1532		60.6/1538		
Length (in/mm)	182.2/4628		182.2/4628		182.2/4628		
Width (in/mm)	70.0/1778		70.0/1778		70.0/1778		
Height (in/mm)	57.2/1453		57.2/1453		57.2/1453		
Ground Clearance (in/mm)	5.5/139		5.5/139		5.5/139		
WEIGHTS							
Curb Weight	Manual	2804 lb	1272 kg	3018 lb	1369 kg	3161 lb	1434 kg
	Automatic	2881 lb	1307 kg	3082 lb	1398 kg	3210 lb	1456 kg
GVWR	Manual	4013 lb	1820 kg	4145 lb	1880 kg	4256 lb	1931 kg
	Automatic	4079 lb	1850 kg	4212 lb	1911 kg	4300 lb	1951 kg
Payload	Manual	1166 lb	529 kg	1091 lb	495 kg	1076 lb	488 kg
	Automatic	1155 lb	524 kg	1094 lb	496 kg	1071 lb	486 kg
FUEL CONSUMPTION							
	Manual	Automatic		Manual	Automatic	Manual	Automatic
City mpg	24	24		23	24	30	30
Highway mpg	34	32		33	31	42	42

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

2012 Jetta GLI

Technical Specifications



Jetta GLI

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	9.6:1	
Horsepower (SAE) @ rpm	200 @ 5100	
Maximum torque, lb-ft @ rpm	207 lb-ft @ 1700 (280 Nm @1700)	
Fuel Requirement	Premium fuel 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, chain driven with automatic tensioner, four valves per cylinder, maintenance-free hydraulic lifters, variable intake timing.

DRIVETRAIN

Driven wheels	Front wheel drive	
Transmission Gear Ratios:1	Manual	Automatic
	1st	3.77 3.46
	2nd	2.09 2.05
	3rd	1.32 1.30
	4th	0.98 0.90
	5th	0.98 0.91
	6th	0.81 0.76
	Reverse	4.55 3.99
	Final I	3.68 4.06
	Final II	2.92 3.14

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)	38.1 ft	11.6 m
Ratio	16.4 : 1	

INTERIOR VOLUME - SAE

EPA Class	Compact		
Seating Capacity	Five		
Passenger Volume	94.1 cu ft		
Cargo Volume	15.5 cu ft		
Volume	Front	Rear	
	50.3 cu ft	43.8 cu ft	
	Headroom (in/mm)	38.2/970	37.1/943
	Shoulder room (in/mm)	55.2/1401	53.6/1362
	Legroom (in/mm)	41.2/1046	38.1/967

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	Multi-link, coil springs, telescopic dampers, anti-roll bar
Brakes	Power assisted, dual circuit, 12.3 x 1.0-in vented front discs and 10.7 x 0.4-in solid 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	7J X 17-in aluminum-alloy wheels 225/45 R17 H, high performance all-season tires
Drag Coefficient	0.30

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Technical Specifications



Jetta GLI

DIMENSIONS

Wheelbase (in/mm)	104.4/2651
Front Track (in/mm)	60.1/1527
Rear Track (in/mm)	60.4/1533
Length (in/mm)	182.2/4628
Width (in/mm)	70.0/1778
Height (in/mm)	56.6/1438
Ground Clearance (in/mm)	4.9/124

WEIGHTS

Curb Weight	Manual	3124 lb	1417 kg
	Automatic	3157 lb	1432 kg
GVWR	Manual	4344 lb	1970 kg
	Automatic	4388 lb	1990 kg
Payload	Manual	1122 lb	509 kg
	Automatic	1133 lb	514 kg

FUEL CONSUMPTION

	Manual	Automatic
City mpg	22	24
Highway mpg	33	32

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