

# 2007 U.S. Rabbit 2.5L (2-door)

## Technical Specifications



Published:  
Last Revised: 9.19.06

ENGINE				
Type	2.5L, 5 cylinder, in-line			
Bore	3.25	in	82.5	mm
Stroke	3.65	in	92.8	mm
Displacement	151.3	in <sup>3</sup>	2,480	cm <sup>3</sup>
Compression Ratio	9.5 : 1			
Horsepower (SAE) @ rpm	150 @ 5,000 (110 kW @ 5,000)			
Maximum torque, lbs - ft @ rpm	170 @ 3,750 (228 Nm @ 3,750)			
Fuel Requirement	Regular unleaded			
Firing Order	1-2-4-5-3			
ENGINE DESIGN				
Arrangement	Front mounted, transverse			
Cylinder Block	Cast iron			
Crank Shaft	Steel, six main bearings			
Cylinder Head	Aluminum alloy, cross flow			
Valve Train	Double overhead camshaft, chain driven with automatic tensioner, four valves per cylinder, maintenance free hydraulic lifters, single coil valve springs			
Cooling System	Water cooled, water pump, cross flow radiator, double electric PWM controlled radiator fan			
Fuel / Air Supply	Sequential multi-point fuel injection (Motronic)			
Emissions	Bin 5 EPA Federal Emissions Concept, PZEV emissions concept for California, OBD II, ORVR (On-board Refueling Vapor Recovery), EVAP (enhanced evaporation system) standards for USA, 3-way catalytic converter. Two oxygen sensors for Bin 5 and three for PZEV			
ELECTRICAL SYSTEM				
Alternator - V/A	14/140			
Battery - V/Ah	12/60			
Ignition	Digital electronic, with two knock sensors			
DRIVETRAIN				
Drivetrain	Front wheel drive			
			Manual Automatic	
			HGR	HFU
Transmission Gear Ratios:1	1st	3.78	4.04	
	2nd	2.12	2.37	
	3rd	1.36	1.56	
	4th	1.03	1.16	
	5th	0.77	0.85	
	6th	--	0.67	
	Reverse	3.60	3.19	
	Final I	3.65	3.89	
CAPACITIES				
Engine Oil (with filter)	5.8	qt	5.5	L
Fuel Tank	14.5	gal	55.0	L
Cooling System	10.0	qt	9.5	L

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### INTERIOR VOLUME - SAE

EPA Class	Compact							
Seating Capacity	Five							
Passenger Volume	94	ft <sup>3</sup>	2.7	m <sup>3</sup>				
Cargo Volume	15	ft <sup>3</sup>	0.4	m <sup>3</sup>				
	<b>Front</b>				<b>Rear</b>			
Volume	51.3	ft <sup>3</sup>	1.50	m <sup>3</sup>	42.9	ft <sup>3</sup>	1.20	m <sup>3</sup>
Head Room	39.3	in	998	mm	38.5	in	979	mm
Shoulder Room	54.7	in	1,390	mm	54.6	in	1,386	mm
Leg Room	41.2	in	1,046	mm	35.3	in	896	mm

### BODY, CHASSIS AND SUSPENSION

Type	Unitized construction, bolt-on front fenders							
Front Suspension	Independent McPherson struts, coil springs, telescopic shock absorbers, integrated stabilizer bar							
Rear Suspension	Multilink rear suspension, coil springs, telescopic gas pressurized shock absorbers, stabilizer bar							
Service Brakes	Power assisted, dual circuit, vented 288 x 25 mm front discs and 260 x 12 mm solid rear discs							
Anti Lock Braking System	Standard, all four wheels, with electronic brake pressure distribution							
Parking Brake	Mechanical, effective on rear wheels							
Wheels/Tires	6J X 15" steel wheels 195/65 R15 H, all season tires							
Drag Coefficient	.32							

### DIMENSIONS

Wheelbase	101.5	in	2,578	mm				
Front Track	60.6	in	1,540	mm				
Rear Track	59.8	in	1,518	mm				
Length	165.8	in	4,210	mm				
Width	69.3	in	1,759	mm				
Height	58.2	in	1,479	mm				
Ground Clearance	5.4	in	137	mm				

### WEIGHTS

	Manual				Automatic			
Unloaded Curb Weight	2,975	lbs	1,349	kg	3,041	lb	1,379	kg
Payload	972	lbs	440	kg	972	lb	440	kg

### FUEL CONSUMPTION

	Manual				Automatic			
City mpg	22				22			
Highway mpg	30				30			

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### ELECTRICAL SYSTEM

Alternator - V/A	14/140
Battery - V/Ah	12/60
Ignition	Digital electronic, with two knock sensors

### DRIVETRAIN

Drivetrain	Front wheel drive		
		Manual Automatic	
		HGR	HFU
Transmission Gear Ratios:1	1st	3.78	4.04
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	3rd	1.36	1.56
	4th	1.03	1.16
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	6th	--	0.67
	Reverse	3.60	3.19
	Final I	3.65	3.89

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Volume	51.3	ft <sup>3</sup>	1.50	m <sup>3</sup>	42.9	ft <sup>3</sup>	1.20	m <sup>3</sup>
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	195/65 R15 H, all season tires							
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Width	69.3	in	1,759	mm				
Height	58.2	in	1,479	mm				
Ground Clearance	5.4	in	137	mm				

### WEIGHTS

	Manual				Automatic			
Unloaded Curb Weight	3,072	lbs	1,393	kg	3,138	lb	1,423	kg
Payload	986	lbs	447	kg	986	lb	447	kg

### FUEL CONSUMPTION

	Manual				Automatic			
City mpg	22				22			
Highway mpg	30				30			