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



Pu	hl	is	he	d:

						Last Revised:	9.19.06				
ENGINE											
Туре	2.5L, 5 c	vlinder.	in-line								
Bore	3.25	in		82.5	mm						
Stroke	3.65	in		92.8	mm						
Displacement	151.3	in ³		2,480	cm ³						
Compression Ratio	9.5 : 1			·							
Horsepower (SAE) @ rpm	150 @ 5	,000 (1	10 kW @	5,000)							
Maximum torque, lbs - ft @ rpm			28 Nm @								
Fuel Requirement	Regular	unleade	ed								
Firing Order	1-2-4-5-	3									
ENGINE DESIGN											
Arrangement	Front mo	ounted.	transvers	se							
Cylinder Block	Cast iron										
Crank Shaft	Steel, siz		nearings								
Cylinder Head			cross flo	W/							
Valve Train					driven v	vith automatic tensioner, f	our valves				
vaivo main						fters, single coil valve spri					
Cooling System											
Cooming Cyclem		Water cooled, water pump, cross flow radiator, double electric PWM controlled radiator fan									
Fuel / Air Supply	Sequent	ial multi	i-point fue	el injection	(Motro	nic)					
Emissions						ZEV emissions concept fo	r California,				
						r Recovery), EVAP (enhar					
	evaporation system) standards for USA, 3-way catalytic converter. Two										
	oxygen	sensors	for Bin 5	and three	e for PZ	EV					
ELECTRICAL SYSTEM											
Alternator - V/A	14/140										
Battery - V/Ah	12/60										
Ignition	Digital e	lectronic	c, with tw	o knock s	ensors						
DRIVETRAIN											
Drivetrain	Front wh	ael driv	/Δ								
Diivettaiii	1 TOTIL WI		al Automa	atic							
		HGR	HFU	alic							
Transmission Gear Ratios:1	1st	3.78	4.04								
Transmission Geal Ratios.1	2nd	2.12	2.37								
	3rd	1.36	1.56								
	4th	1.03	1.16								
	5th	0.77	0.85								
	6th		0.67								
	Reverse		3.19								
	Final I	3.65	3.89								
	ı ıılal I	_ 5.05	5.08								
CAPACITIES											
Engine Oil (with filter)	5.8	qt	5.5	L							
Fuel Tank	14.5	gal	55.0	L							
			-								

9.5

10.0

qt

Cooling System

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



9.19.06

Published:	
Last Revised:	

Compa	act						
Five							
94	ft³		2.7	m³			
15	ft³		0.4	m³			
<u></u>		Front				Rear	
51.3	ft³	1.50	m³	42.9	ft³	1.20	m³
39.3	in	998	mm	38.5	in	979	mm
54.7	in	1,390	mm	54.6	in	1,386	mm
41.2	in	1,046	mm	35.3	in	896	mm
	Five 94 15 51.3 39.3 54.7	94 ft ³ 15 ft ³ 51.3 ft ³ 39.3 in 54.7 in	Five 94 ft³ 15 ft³ Front 51.3 ft³ 1.50 39.3 in 998 54.7 in 1,390	Five 94 ft³ 2.7 15 ft³ 0.4 Front 51.3 ft³ 1.50 m³ 39.3 in 998 mm 54.7 in 1,390 mm	Five 94 ft³ 2.7 m³ 15 ft³ 0.4 m³ Front 51.3 ft³ 1.50 m³ 42.9 39.3 in 998 mm 38.5 54.7 in 1,390 mm 54.6	Five 94 ft³ 2.7 m³ 15 ft³ 0.4 m³ Front 51.3 ft³ 1.50 m³ 42.9 ft³ 39.3 in 998 mm 38.5 in 54.7 in 1,390 mm 54.6 in	Five 94 ft³ 2.7 m³ 15 ft³ 0.4 m³ Front Rear 51.3 ft³ 1.50 m³ 42.9 ft³ 1.20 39.3 in 998 mm 38.5 in 979 54.7 in 1,380 mm 54.6 in 1,386

BODY, CHASSIS AND SUSPE	ENSION									
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									

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		_		Autor	natic				
City mpg	22				22	2				
Highway mpg	30				30)				

2007 U.S. Rabbit 2.5L (4-Door) **Technical Specifications**

Cooling System



	Published:									
	Last Revised:	9.19.06								
ENGINE										
Туре	2.5L, 5 cylinder, in-line									
Bore	3.25 in 82.5 mm									
Stroke	3.65 in 92.8 mm									
Displacement	151.3 in ³ 2,480 cm ³									
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 te									
	per cylinder, maintenance free hydraulic lifters, single coil									
Cooling System		Water cooled, water pump, cross flow radiator, double electric PWM								
Fuel / Air Cumple	controlled radiator fan									
Fuel / Air Supply Emissions	Sequential multi-point fuel injection (Motronic)									
EIIIISSIOIIS	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									
	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 at 0.5 l									

9.5

10.0

qt

2007 U.S. Rabbit 2.5L (4-Door) Technical Specifications



F	Publish	ed:

Last Revised: 9.19.06

						Last Revised:			9.19.06
INTERIOR VOLUME - SAE									
EPA Class	Compa	ct							
Seating Capacity	Five								
Passenger Volume	94	ft³		2.7	m³				
Cargo Volume	15	ft³		0.4	m³				
	-	F	ront				Rear		
Volume	51.3	ft³	1.50	m³	42.9	ft³	1.20	m³	
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									
Туре			uction, bo						
Front Suspension				struts,	coil sprir	ngs, tele	escopic sl	hock abso	rbers,
			ilizer bar						
Rear Suspension			uspensior		rings, te	lescopi	c gas pre	ssurized	
			rs, stabiliz		4l 000	05	ft -l'		20 10
Service Brakes		assisted	d, dual cir	cuit, ven	ted 288	x 25 mi	m front ai	scs and 2	60 X 12
Anti Lock Braking System	mm Standar	d all fo	ur whool	with o	lectronic	hraka	nraccura	distributio	<u> </u>
Parking Brake			fective on			Diake	piessuie	uistributio	
Wheels/Tires	6J X 15			icai wii	iccis				
W110010/ 11100			all seaso	n tires					
Drag Coefficient	.32		un ocaco						
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				Autor	natic			
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				Autor	natic			
City mpg	22				22				
Highway mpg	30				30)			