

2010 SUZUKI GRAND VITARA - TECHNICAL SPECIFICATIONS

Body type	Five-door SUV						
Engine	2.4-liter I4				3.2-liter V6		
Drive system	RWD	RWD/4WD (Single mode)	RWD/4WD (Four-Mode)		RWD/4WD (Four-Mode)		
Transmission	5MT	4AT	4AT		5AT		
Grade	Grand Vitara	Premium	X Sport	Limited	X Sport	Limited	
ENGINE							
Fuel	Gasoline						
Engine	2.4-liter I4				3.2-liter V6		
Type	J24B				N32A		
Materials	Cylinder block	Aluminum					
	Cylinder heads	Aluminum					
Number of cylinders	Four				Six		
Valves per cylinder	Four				Six		
Piston displacement	cu. cm		2,393		3,195		
Bore x stroke	mm/inches		92.0x90.0/3.62x3.54		89.0x85.6/3.50x3.37		
Compression ratio			10.0:1		10.0:1		
Maximum output	hp		166 @ 6,000 rpm		230 @ 6,200 rpm		
Maximum torque	lb.-ft.		162 @ 4,000 rpm		213 @ 3,500 rpm		
Fuel distribution	Multipoint injection				Multipoint injection		
Emission standard compliancy	LEV2/BIN5				LEV2/BIN5		
Exhaust	Single						
TRANSMISSION							
Transmission type	5MT		4AT		5AT		
Gear ratio	1st	4.545	2.826		3.520		
	2nd	2.354	1.493		2.043		
	3rd	1.693	1.000		1.401		
	4th	1.241	0.688		1.000		
	5th	1.000	-		0.717		
	Reverse	4.431	2.703		3.224		
	Final gear ratio	3.727	5.125		3.583		
Transfer gear ratio	High	1.000 (4 x 4 only)				1.000 (4 x 4 only)	
	Low	1.970 (4 x 4 only)				1.970 (4 x 4 only)	
CHASSIS							
Steering	Power-assisted fixed-ratio rack-and-pinion						
	Overall ratio	14.0:1					
	Turns, lock to lock	2.7					
	Turning diameter	ft.		36.7			
Suspension	Front	Independent MacPherson strut					
	Rear	Independent multi-link					
Brakes	Front	Vented disc					
	Rear	Vented disc					
Tires	Size	P225/70R16	P225/70R16	P225/65R17	P225/65R17	P225/60R18	
	Spare	P225/70R16 or P225/65R17					
EXTERIOR DIMENSIONS							
Overall length	With spare tire full cover	in./mm	177.2/4,500				
Overall width		in./mm	71.3/1,810				
Overall height		in./mm	66.7/1,695				
Wheelbase		in./mm	103.9/2,640				
Tread	Front	in./mm	60.6/1,540				
	Rear	in./mm	61.4/1,560				
Ground clearance		in./mm	7.4/4 x 2 188 / 7.9/4 x 4 200				
Minimum turning radius		m/ft.	18.0/5.5				
Approach angle		degrees	2WD 28 / 4WD 29				
Ramp breakover angle		degrees	2WD 18 / 4WD 19				
Departure angle		degrees	2WD 26 / 4WD 27				
INTERIOR DIMENSIONS							
Head room	Front	in./mm	40.0/1,016 (38.2/971 with sunroof)				
	Rear	in./mm	38.2/970				
Leg room	Front	in./mm	41.3/1,050				
	Rear	in./mm	37.2/945				
Shoulder room	Front	in./mm	56.3/1,413				
	Rear	in./mm	54.9/1,394				
Hip room	Front	in./mm	55.5/1,409				
	Rear	in./mm	44.0/1,119				
Interior volume		cu. ft.	111.1				
Cargo volume	Rear seats up/down	cu. ft.	28.4/70.8				
CAPACITIES							
Seating capacity	Five						
Fuel tank capacity	liters/gallons	66/17.4					
Engine oil and filter	liters/gallons	5.5/1.45					
Engine coolant	liters/gallons	9.5/2.50					
WEIGHTS							
Curb weight (min.)/(w/ sunroof)	kg	5MT 1,573	2WD AT 1,578	2WD AT 1,578	2WD AT 1,680		
			4WD AT 1,638	4WD AT 1,638	4WD AT 1,758		
	lbs.	5MT 3,468	2WD AT 3,479	2WD AT 3,479	2WD AT 3,704		
			4WD AT 3,611	4WD AT 3,611	4WD AT 3,876		
Gross vehicle weight	kg	2,100				2170	
	lbs.	4,630				4,784	
TOWING							
Rear-wheel drive	lbs./kg	3,000/1361					
Full-time Four-Mode four-wheel drive	lbs./kg	3,000/1361					
Full-time Four-Mode four-wheel drive	Neutral mode	Grand Vitara can be towed with four wheels on the ground					
FUEL CONSUMPTION							
EPA fuel economy	city/highway	mpg	2WD: MT 19/26; AT 19/25	4WD: MT 19/25; AT 19/23	2WD 17/23; 4WD 17/23		

Preliminary data subject to change - for the latest information, visit www.media.suzuki.com/auto