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# 2008 R32

## Product Program

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Published: 1/26/2007  
Last Revised: 1/26/2007

Model	Engine	Transmission
R32	3.2L, 250 hp, 6 cylinder	6-speed automatic DSG transmission with 4MOTION™ all-wheel drive system (Haldex)

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

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# 2008 R32 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

1/26/2007  
 1/26/2007

<b>EXTERIOR</b>		<b>R32</b>
Antenna	Diversity antenna	S
Anti-Corrosion	Fully galvanized sheet metal	S
Badging	Rear/driver side/model badge	S
	Front grille model badge	S
Body Panels	Crash optimized front end	S
	Side skirts, both sides, matching color	S
Brake Lights	Center high mounted stop lamp in top of rear window	S
Bumpers	Body color bumpers	S
	Dual - center mounted - chrome exhaust tips	S
Doors	Anti-intrusion side door beams	S
	Body color door handles	S
Fuel Tank	Fuel cap with string attachment and notched edge	S
Glass	Tinted glass, blue	S
Grille	Aluminum color grille with center logo	S
Horn	Dual tone horns	S
Lights, Front/Rear	High Intensity Gas-discharge headlamps (xenon) with clear, lightweight, chip resistant polycarbonate lenses and washers	S
	Daytime Running Lights (DRL)	S
	Darkened tail lamp lenses	S
	Headlights-on warning tone, upon opening of driver's door when ignition key is removed	S
Mirrors	Body color mirror housings	S
	Driver and passenger side power exterior mirrors, heatable	S
Moldings/Panels	Body color side moldings	S
Roof	Power glass sunroof with tilt, slide, tinted glass, manual sunshade, pinch protection	S
Spoiler	Rear spoiler located above rear hatch	S
Tires	225/40 R18 92Y XL, summer performance tires	S
	Temporary use spare tire	S
Wheels	7.5J X 18" alloy wheels	S
	Anti-theft wheel locks	S
Wipers/Washer	Aero windshield wipers	S
	Rain sensor, automatic wiper speed control, windshield wiper speed control is vehicle speed sensitive	S
	Rear wiper/washer system with intermittent wipe feature	S
	Heated windshield washer nozzles, front	S
<b>INTERIOR</b>		<b>R32</b>
Air Conditioning	Electronic climate control (Climatronic), CFC-free	S
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
	Immobilizer theft deterrent system	S
	Front center armrest with storage compartment	S
Assist Handles	Silicone damped-return assist handles, two front and two rear	S
Cruise Control	Cruise control	S
Defroster	Electric rear window defroster	S
	Electric side mirror defroster/defogger	S
Doors	Open door warning	S
Doors/Side Panels	Integrated armrests in front door panels	S
	Molded door trim with smooth leatherette inserts	S
Floor Mats	Front and rear floor mats	S
Instrument Cluster	Brake pad wear indicator	S
	Illumination of controls and gauges	S
	Multi function trip computer: Featuring trip time, trip length, average trip speed, average trip fuel consumption, current fuel consumption, outside temperature	S
	Miles to empty in trip computer	S
Keys	Speedometer, tachometer, odometer, trip odometer, coolant temperature gauge, fuel gauge, warning lights, and digital clock	S
	Folding keys (2) with radio-frequency remote transmitter for central locking, eyelet	S
Lighting	Interior front center dome light with time delay and two reading lights	S
	Luggage compartment light	S
	Two rear reading lights	S
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
	Driver door mounted power lock/unlock switches for central locking system	S
		S
Mirrors, Interior	Dual driver and front passenger visor vanity mirrors, illuminated with cover	S
	Interior rearview mirror, self dimming	S
	Mirror control pad with joystick control	S

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<b>INTERIOR</b>		<b>R32</b>
Ornamentation	Brushed chrome button for parking brake	S
	Brushed chrome interior door handles	S
Power Outlets	Power outlet (SAE size) in center console	S
	Power outlet (SAE size) in trunk	S
Radio/Audio	Premium AM/FM radio sound system with in-dash 6-disc CD Changer, MP3 readable, satellite radio compatible, 10 speakers, theft-deterrent warning light and coding system.	S
	Premium AM/FM radio sound system with Navigation and iPod adapter, 10 speakers, theft-deterrent warning light and coding system. DELETES CD CHANGER	O
	Sirius™ Satellite Radio	S
Remote Releases	Remote releases for trunk and fuel filler flap, located on driver's side door	S
Restraint Systems	Driver and front passenger front airbag supplemental restraint system	S
	Driver and front passenger side airbag supplemental restraint system	S
	Side Curtain Protection™	S
	Emergency locking retractors for all seating positions	S
	Safety belts pre-tensioners with load limiters, front seats only	S
	Height adjustable front 3-point safety belts, color coordinated	S
	Rear 3-point safety belts, all 3 seating positions, color coordinated	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
	Child seat tether anchorage points with markings, rear seating positions	S
	Buckle switch (sensor which deploys airbag depending on safety belt use)	S
Seating, Front	Front seats, fully reclining, and height adjustable	S
	"Easy Entry System" allows front seat to move forward for easy access to rear seating area	S
	Top sport seats with model specific R logo in headrests	S
	Heatable front seats	S
Seating, Rear	Power lumbar support, adjustable for driver and front passenger seats	S
	Rear seat head restraints, height adjustable, all seating positions	S
Steering Wheel	60/40 split folding rear seat	S
	3-spoke leather wrapped multi-function sport steering wheel, with audio controls (includes paddle shifters on both sides of steering wheel)	S
Storage, Interior	Height adjustable and telescoping steering column	S
	Steering wheel deformable/collapsible upon impact	S
	Theft-deterrent steering column	S
	Two front cupholders	S
	Front door storage pockets	S
Trim (Details)	Soft opening (silicone dampened) glovebox, lockable	S
	Leather DSG shift knob	S
	Leather handbrake grip	S
	Alloy pedals with model specific R logos	S
	Brushed metal interior door handles	S
Unique 'Engine Spin' decorative trim	S	
<b>INTERIOR</b>		<b>R32</b>
Trunk/Cargo Area	Fully carpeted lined luggage compartment	S
	Grip on inside of trunk lid to assist closing	S
	Luggage compartment cover, one piece, lifting, removable	S
Upholstery	Leather seating surfaces	S
Ventilation System	Pollen filter	S
Windows	Power windows with pinch protector	S
<b>TECHNICAL</b>		<b>R32</b>
All-wheel drive	4MOTION™ all-wheel drive system (Haldex)	S
Battery	Battery box, hard shell box around the battery for protection	S
Brakes	ABS (Anti-lock Braking System)	S
	Power assisted front and rear vented disc brakes	S
	Blue painted brake calipers	S
Emissions	Bin 5 EPA Federal Emissions Concept	S
	LEV II California Emissions Concept	S
	OBD II	S
Engine	ORVR (On-board Refueling Vapor Recovery)	S
Side Impact	3.2L 250 horsepower, 236 lbs-ft torque, 6 cylinder, VR6	S
Suspension	Anti-intrusion side door beams	S
	Front and rear gas shock absorbers	S
	Independent front McPherson struts, stabilizer bar	S
Traction Control	Fully independent multi-link rear suspension	S
Transmission	Electronic Stabilization Program (ESP)	S
Transmission	6-speed automatic Direct Shift Gearbox with Tiptronic® and Sport mode	S
	4MOTION™ all-wheel drive system (Haldex)	S
<b>WARRANTY</b>		<b>R32</b>
Anti-Corrosion	12 year/unlimited distance Limited Warranty against Corrosion Perforation	S
Powertrain Warranty	5 year/60,000 mile (whichever occurs first). Powertrain Limited Warranty	S
Vehicle Warranty	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 occurs first)	S

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# 2008 R32

## Option Program

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Legend:

O Option, at additional charge

1/26/2007

1/26/2007

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### PACKAGES

R32

*Navigation system with iPod adapter located in front armrest (Deletes CD Changer)*

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*225/40 R18 all-season tires*

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# 2008 U.S. R32

## Technical Specifications



Published: 1/23/2007  
 Last Revised: 1/23/2007

### ENGINE

Type	6 cylinder, gasoline			
Bore	3.31	in	84.0	mm
Stroke	3.78	in	95.9	mm
Displacement	194.6	in <sup>3</sup>	3,189	cm <sup>3</sup>
Compression Ratio	10.85:1			
Horsepower (SAE) @ rpm	250 @ 6,300 (184 kW @ 6,300)			
Maximum torque, lbs - ft @ rpm	236 @ 2,500-3,000 (320 Nm @ 2,500-3,000)			
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 II California Emissions Concept, Bin 5 EPA Federal Emissions Concept, OBD II, ORVR (onboard refueling vapor recovery), 3-way catalytic converter with oxygen sensor, secondary air injection pump			

### ELECTRICAL SYSTEM

Alternator - V/A	14/140			
Battery - V/Ah	12/80			
Ignition	Digital electronic with dual knock sensor			

### DRIVETRAIN

Drivetrain	4MOTION™ all-wheel drive system (Haldex) Automatic (KDE)			
Transmission Gear Ratios:1	1st	2.93		
	2nd	1.83		
	3rd	1.30		
	4th	0.97		
	5th	0.77		
	6th	0.61		
	Reverse	2.50		
Final I	4.80			

### CAPACITIES

Engine Oil (with filter)	5.8	qt	5.5	L
Fuel Tank	14.5	gal	55.0	L
Cooling System	11.6	qt	12.3	L
Wiper Fluid	3.2	qt	3.0	L

### STEERING

Type	TBD			
Turns (lock to lock)	TBD			
Turning Circle (curb to curb)	35.7	ft	10.9	m
Ratio	TBD			

# 2008 U.S. R32 Technical Specifications



Published: 1/23/2007  
Last Revised: 1/23/2007

## INTERIOR VOLUME - SAE

EPA Class	Compact			
Seating Capacity	Five			
Passenger Volume	TBD	ft <sup>3</sup>	TBD	m <sup>3</sup>
Cargo Volume	9.7	ft <sup>3</sup>	0.28	m <sup>3</sup>
Cargo Volume with rear seat folded	43.4	ft <sup>3</sup>	1.3	m <sup>3</sup>
	<b>Front</b>		<b>Rear</b>	
Volume	TBD	ft <sup>3</sup>	TBD	m <sup>3</sup>
Head Room	TBD	in	TBD	mm
Shoulder Room	57.0	in	1,448	mm
Leg Room	TBD	in	TBD	mm

## BODY, CHASSIS AND SUSPENSION

Type	Unitized construction, bolt-on front fenders
Front Suspension	Independent McPherson struts, coil springs, telescopic shock absorbers, stabilizer bar
Rear Suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar
Service Brakes	Power assisted, dual circuit, vented front and rear brake rotors with blue calipers
Anti Lock Braking System	MK 60, with Electronic Stabilization Program (ESP) with Brake Assist all four wheels
Parking Brake	Mechanical, effective on rear wheels
Wheels/Tires	7.5J X 18" alloy wheels 225/40 R18 92Y XL, summer performance tires
Drag Coefficient	.323

## DIMENSIONS

Wheelbase	101.5	in	2,578	mm
Front Track	60.3	in	1,533	mm
Rear Track	59.7	in	1,517	mm
Length	167.2	in	4,246	mm
Width	69.2	in	1,759	mm
Height	57.7	in	1,465	mm
Ground Clearance	TBD	in	TBD	mm

## WEIGHTS

### Automatic

Curb Weight	3,547	lbs	1,609	kg
	Front	2,089	lbs	948
	Rear	1,457	lbs	661
Payload			lbs	kg

## FUEL CONSUMPTION

### Manual

### Automatic

City mpg	-	TBD
Highway mpg	-	TBD

## PERFORMANCE

### Manual

### Automatic

0-62 mph	-	seconds	6.5	sec
Top Speed	-	mph	--	