

ENGINE:

Type	Aluminum, 90 degree V8 with variable intake manifold, continuous camshaft adjustment, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254.0 cu. in.	4163 cc	
Compression ratio	12.5:1		
Fuel requirement	Premium unleaded 91 RON / 95 RON recommended for maximum performance		
Horsepower (European)	350 hp	@ 6800 rpm	
Torque	325 lbs. ft.	@ 3500 rpm	440 Nm

ENGINE DESIGN:

Cylinder block	High integrity aluminum cylinder block
Crankshaft	Forged steel
Cylinder head	Aluminum alloy
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2
Cooling system	Water-cooled, thermostatically controlled radiator fan
Lubrication system	Gear pump, pressurized, full flow with oil cooler
Fuel injection / Ignition system	Fully electronic engine management utilizing Bosch Motronic® 9.1.1., sequential, direct injection with adaptive idle-charge control, acceleration enrichment, overrun fuel cut-off, adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cylinder selective adaptive knock control with four sensors
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors

ELECTRICAL SYSTEM:

Battery	12 volts	95 amp/hr
Alternator	14 volts	190 amp

DRIVETRAIN:

Transmissions	6-speed automatic with Tiptronic®		
Gear ratios:	1st	4.148:1	
	2nd	2.370:1	
	3rd	1.556:1	
	4th	1.155:1	
	5th	0.859:1	
	6th	0.686:1	
	rear	3.394:1	
	Final Drive	4.320:1	
Front Differential	Hypoid gear		
Center Differential	TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear		

STEERING:

Type	Maintenance-free rack-and-pinion steering with power assist		
Ratio	16.5:1		
Turns (lock-to-lock)	2.66		
Turning circle (curb-to-curb)	39.4 ft	12 m	

SUSPENSION:

Front	Front double wishbone independent steel spring suspension Optional 4-Corner adjustable air suspension with five suspension settings
Rear	Rear four link independent steel spring suspension Optional 4-Corner adjustable air suspension with five suspension settings, additional mode to lower rear axle for loading the trunk

BRAKES:

Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front, size and type	13.8 in.	350 mm	- Ventilated disc
Rear, size and type	13.0 in.	330 mm	- Ventilated disc
Parking brake	Mechanically actuated at the rear wheels		

WHEELS:

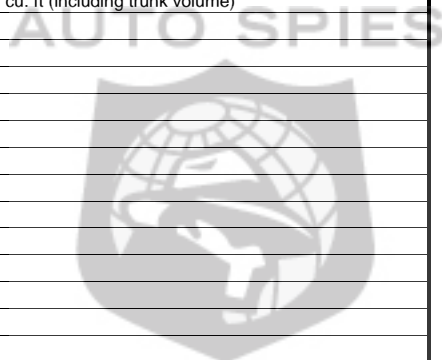
	Standard 18" (CV8)	Optional 19" (CJ3)	Optional 20" (CS5)
Size	8.5J x 18	8.5J x 19	9J x 20
Offset	58 mm	62 mm	60 mm
Weight	N/A	N/A	N/A
Type	Cast alloy	Cast alloy	Cast alloy

TIRES:

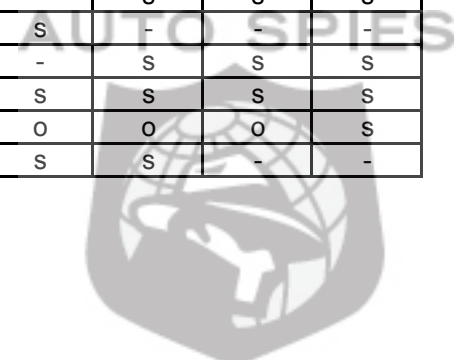
	Standard 18" (HS8)	Optional 19" (HL7)	Optional 20" (HL8)
Size	255/55	265/50	275/45
Speed rating	H	H	H
Construction	Radial	Radial	Radial
Load Index	109	110	110
Brand / Type (all approved)	Bridgestone Dueler HL 400 Conti 4x4 Contact	Goodyear Eagle LS2 Conti 4x4 Contact	Conti 4x4 Contact



BODY:					
Material	Unitized steel structure with integrated aluminum and magnesium components				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)				
CAPACITIES:					
Engine oil (refill)	9.7 qt.	9.2 liter			
Fuel tank	26.4 gal.	100 liter			
Cooling system	9.5 qt.	9 liter			
EXTERIOR DIMENSIONS:					
Wheelbase	118.2 in.	3002 mm			
Track: front / rear	65.0 in.	1651 mm	/	66.0 in. 1676 mm	
Overall length	200.2 in.	5086 mm			
Overall width / with mirrors	78.1 in.	1983 mm	/	85.7 in. 2177 mm	
Height (unloaded)	68.4 in.	1737 mm			
Ground clearance	8.1 in.	205 mm			
		4.2 FSI	4.2 FSI Premium		
Curb weight	5269 lbs.	2390 kg	5467 lbs.	2480 kg	
Curb weight (incl. MA >33%)	5423 lbs.	2460 kg	5500 lbs.	2495 kg	
Distribution % front / rear	52 / 48		52 / 48		
Pay load	1279 lbs.	580 kg	1279 lbs.	580 kg	
Drag coefficient steel/air susp.	Cw = 0.37 / 0.34		Frontal Area = 30.9 sq. ft.		
INTERIOR DIMENSIONS (SAE measurements):					
Seating Capacity	7 (opt. 6)				
EPA class	Light Truck				
Head room front / middle / rear	39.5 in.	1003 mm	/	39.0 in. 990 mm / 35.6 in. 904 mm	
w/sunroof front / middle / rear	40.0 in.	1017 mm	/	37.2 in. 945 mm / 35.4 in. 899 mm	
Shoulder room front / middle / rear	58.7 in.	1490 mm	/	58.1 in. 1475 mm / 48.6 in. 1235 mm	
Leg room front / middle / rear	41.3 in.	1049 mm	/	37.1 in. 943 mm / 29.2 in. 741 mm	
Interior volume front / rear	55.36 cu. ft. /		48.63 cu. ft. / 29.22 cu. ft.		
Luggage Capacity	10.87 cu. ft. 27.4 cu. ft. (3rd row folded)		total 144.08 cu. ft. (including trunk volume)		
		4.2 FSI	4.2 FSI Premium		
0-50 mph (0-80kmh)	5.2 sec.		5.3 sec.		
0-60 mph (0-100 km/h)	7.0 sec.		7.1 sec.		
1/4 mile	15.1 sec.		15.2 sec.		
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)				
FUEL ECONOMY: EPA estimate		4.2 FSI	4.2 FSI Premium		
City	n.a. mpg		n.a. mpg		
Highway	n.a. mpg		n.a. mpg		
Combined	n.a. mpg		n.a. mpg		
FUEL ECONOMY: Canadian Estimate		4.2 FSI	4.2 FSI Premium		
City	n.a. liters/100km		n.a. liters/100km		
Highway	n.a. liters/100km		n.a. liters/100km		



2007 AUDI Q7 STANDARD EQUIPMENT (preliminary)	3.6 FSI	3.6 FSI PREMIUM	4.2 FSI	4.2 FSI PREMIUM
Technical				
3.6-liter FSI narrow-angle V6 engine, 280 hp	S	S	-	-
4.2-liter FSI V8 engine, 350 hp	-	-	S	S
6-speed Tiptronic automatic transmission	S	S	S	S
quattro permanent all-wheel drive, 42:58 front/rear torque bias	S	S	S	S
Anti-lock disc brakes (ABS) with Electronic Differential Lock (EDL) and Electronic Brake Assist	S	S	S	S
Servotronic power steering	S	S	S	S
Electronic Stability Program with roll-over detection	S	S	S	S
Adaptive Air Suspension	-	O	O	O
Wheels/Tires				
7.5Jx18 18" 7-spoke alloy wheels w/ 235/60 all-season tires	S	-	-	-
8.0Jx18 18" premium 7-spoke alloy wheels w/ 255/55 all-season tires	-	S	-	-
8.5Jx18 18" split 5-spoke alloy wheels w/ 255/55 all-season tires	-	-	S	-
8.5Jx19 19" 7-spoke alloy wheels w/ 265/50 all-season tires	-	-	O	S
9.0Jx20 20" split 5-spoke alloy wheels w/ 275/45 all-season tires	-	O	O	O
Exterior				
Black roof rails	S	-	-	-
Aluminum roof rails and window trim	-	S	S	S
Front fog lights	S	S	S	S
Halogen headlights	S	-	-	-
Bi-xenon headlights	-	S	S	S
Headlight washers	-	-	-	S
Adaptive front lighting	-	O	S	S
Dual-tone sills/bumpers	-	O	S	S
S-line package w/ 21" wheels	-	O	O	O
Comfort and convenience				
Automatic dual-zone climate control	S	S	S	S
Automatic rear climate control	-	O	O	S
Power windows front and rear	S	S	S	S
Power side mirrors	S	S	S	S
Keyless entry	S	S	S	S
Advanced key	-	O	O	S
Audi MMI	S	-	-	-
Audi MMI Advanced	-	S	S	S
DVD Navigation	-	O	O	S
Rear Parktronic with rear-view camera	-	O	O	S
Audi Side Assist	-	O	O	O
Cruise control	S	S	S	S
Adaptive Cruise Control	-	O	O	O
Wood trim	-	S	S	S
8-speaker audio system with CD player	S	-	-	-
Bose premium 14-speaker sound system with in-dash six-disc changer	-	S	S	S
Satellite radio prep	S	S	S	S
Satellite radio, choice of XM or Sirius	O	O	O	S
Leather multi-function steering wheel, manual tilt and telescope	S	S	-	-



Leather multi-function steering wheel, power tilt and telescope	-	-	S	S
Heated steering wheel	-	-	O	S
Power tailgate	-	O	S	S
Cup and bottle holders	S	S	S	S
Privacy glass	O	S	S	S
Auto dimming interior mirror with compass	O	S	S	S
Light/rain sensor	O	S	S	S
Side and rear sunshades	-	-	S	S
Alarm system with immobilizer	S	S	S	S
Brushed aluminum trim	O	S	S	S
Bluetooth	-	O	S	S
Panorama sunroof	O	O	O	S
Homelink	-	O	S	S
Voice control	-	O	O	S
Interior light package	-	S	S	S
Seating				
Cloth seats	S	-	-	-
Leather seating surfaces	O	S	S	S
Premium Cricket leather	-	O	O	S
Power driver's seat	S	S	S	S
Power passenger seat	O	S	S	S
Driver's seat memory	-	O	S	S
5-passenger seating w/ 40/20/40 folding rear bench	S	S	-	-
7-passenger seating w/ 40/20/40 folding rear bench	O	O	S	O
6-passenger seating w/ 2nd row captains chairs	-	O	O	S
Heated front and rear seats	O	S	O	S
Utility				
5,500 lb. towing capacity	S	S	S	S
Towing package w/ 6,600 lb. towing capacity	-	O	O	O
Trailer hitch pre-wiring	S	S	S	S
Cargo tie-down system	S	-	-	-
Cargo cover	-	S	S	S
Flat folding second row seating	S	S	S	S
Flat folding third row seating	-	O	S	S
Safety				
Dual-stage front airbags	S	S	S	S
Dual front side airbags	S	S	S	S
Sideguard head curtain airbag system, protects all three rows of seating (if equipped)	S	S	S	S
Rear side airbags	O	O	O	O
Pre-tensioning 3-point seat belts for all passengers	S	S	S	S
ISOFIX child seat tether system	S	S	S	S
Brake-wipe feature that automatically removes water from brakes discs	S	S	S	S
Tire pressure monitoring system	S	S	S	S

Standard and optional equipment listed is subject to change before launch

Created 1/29/06

s: standard

o: optional

- : not available

AUTO SPIES





Retail Prices
 Audi of America, Inc.
 Effective: 05-Jan-06
 Revised: 01-Feb-06



2007 Audi Q7 4.2

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4LB5EL	Q7 4.2	SUV	6-Spd Automatic Tip.	quattro	\$ 49,900
					<u>4.2</u>
6W3	Front License Plate Holder			O	NC
6W9	Front Grille Filler Panel			O	NC
N1F	Leather Seating Surfaces Upholstery			S	NC
	Sold Order Only Paint			O	750
PAW	<u>Cold Weather Package</u>			O	850
	Heated Front and Rear Seats				
	Heated Steering Wheel				
PTA	<u>Technology Package</u>			O	2,400
	Rear View Camera with Rear Parktronic®				
	Audi side assist				
	Advanced Key				
	Voice Recognition				
PRM	20" Alloy Wheels with All-Season Tires			O	1,600
HT0	20" Alloy Wheels with High Performance Tires			O	1,600
PRY	19" Alloy Wheels with All-Season Tires			O	800
3FU	Panorama Sunroof			O	1,850
PND	Audi Navigation System (Includes Map DVD)			O	1,800
QV8	Sirius® Satellite Radio			O	550
QU0	XM® Satellite Radio			O	550
N5A	Premium Cricket Leather			O	1,000
9AH	4-Zone Climate Control			O	950
1D6	Towing Package (increasing towing capacity to 6,600 lbs.)			O	550
3GN	Trunk tie down System			O	250
4X4	Rear Side Airbags			O	350
5KY	Luxury 6-Seater Configuration			O	1,200
Destination Charge					720
<u>SOLD ORDERS ONLY</u>					
1BK	Adaptive Air Suspension			O	2,600
7Y1	Audi Side Assist			O	500



Key:

O = Optional
S = Standard

NA = Not Available
NC = No Charge

Specifications, equipment, options and prices are subject to change without notice. Some items may be unavailable when the vehicle is built. Prices exclude destination charges, registration and dealer delivery charges.

Intro 2007 MY Prices

AUTO SPIES





Retail Prices
 Audi of America, Inc.
 Effective: 05-Jan-06
 Revised: 01-Feb-06



2007 Audi Q7 4.2 Premium

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4LB4EL	Q7 4.2 Premium	SUV	6-Spd Automatic Tip.	quattro	\$ 59,900
				<u>4.2</u>	
6W3	Front License Plate Holder			O	NC
6W9	Front Grille Filler Panel			O	NC
	Sold Order Only Paint			O	750
N5A	Premium Cricket Leather Upholstery			S	NC
PRM	20" Alloy Wheels with All-Season Tires			O	800
HT0	20" Alloy Wheels with High Performance Tires			O	800
QV8	Sirius® Satellite Radio			O	NC
QU0	XM® Satellite Radio			O	NC
1D6	Towing Package (increasing towing capacity to 6,600 lbs.)			O	550
1BK	Adaptive Air Suspension			O	2,600
7Y1	Audi side assist			O	500
4X4	Rear Side Airbags			O	350
5KL	Delete Luxury 6-Seater Configuration (7-Seater becomes standard)			O	NC
	Destination Charge				720



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