

# Technical Specifications 2001 Audi allroad quattro

## ENGINE:

Type	Six-cylinder four-stroke, spark ignition, two light alloy cylinder heads, three inlets and two (sodium-cooled) exhaust valves, DOHC, twin turbochargers
Arrangement	Front mounted, longitudinal
Bore	3.19 in.
Stroke	3.40 in.
Displacement	163 cu. in. <b>&amp;A</b>
Compression ratio	9.31
Fuel requirement	Regular unleaded (87 AKI), Premium unleaded (91 AKI) recommended for maximum performance
Horsepower (SAE)	250 hp 5800 rpm
Max. Torque	258 lbs. ft. 1850 rpm

## ENGINE DESIGN:

Cylinder bk>ck	Cast iron
Crankshaft	Forged steel. 4 main bearings
Cylinder head	Aluminum alloy
Valve train / intake	DOHC, bell driven, hydraulic lifters / variable intake valve timing and variable geometry composite intake manifold
Firing order	1--4 -3-6-- 2 - 5
Cooling system	Water-cooled, thermostatically controlled radiator fan
Lubrication system	
Fuel injection / Ignition system	Electronic sequential fuel injection, mapped-characteristic ignition with solid-state direct ignition, variable intake camshaft control, cylinder-selective knock control, exhaust temperature control, coordinated engine-torque control, ME 7.0 Motronic with electronic throttle control
Emission system	Two tubular exhaust manifolds with air-gap insulation, two pre-converters close to engine, two 3-way catalytic converters, two heated oxygen sensors

## ELECTRICAL SYSTEM:

Battery	12 volts 92 amp/hr
Alternator	14 volts 150 amp

## DRIVETRAIN:

Transmission	6-speed manual with syncro reverse or 5-speed automatic with TiptronicO. Dynamic Shift Program and automatic shift lock
Type	<b>quattro</b>
	Manual Automatic
Gear ratios: 1st	3.750:1 3.665:1
2nd	2.059:1 1.999:1
3rd	1.417:1 1.407:1
4th	1.071:1 1.000:1
5th	0.857:1 0.742:1
6th	0.730:1 N.A.
Reverse	3.455:1 4.096:1
Final Drive	4.375:1 3.091:1
Front Differential	Hypoid gear, electronically locking (EDL)
Center Differential	TORSENS (TORque SENSing) differential providing automatic and variable front to rear power proportioning
Rear Differential	Hypoid gear, electronically locking (EDL)

## STEERING:

Type	Maintenance-free rack and pinion, Servotronic - vehicle speed variable power assist
Ratio	16.21
Turns (lock-to-lock)	2.81
Turning circle (curb-to-curb)	38.3 ft. <i>Win-</i> , - <b>K</b>

## SUSPENSION:

Front Four-link independent wheel suspension, tubular anti-roll bar. air suspension spring strut with twin-tube gas shock absorbers  
Rear Double wishbones, sub-frame, anti-roll bar, load-controlled damping via air suspension spring strut

# Technical Specifications (continued) 2001 Audi allroad qu700-

## BRAKES:

Service brake Dual-circuit brake system with diagonal split, ABS/EBD, brake servo. At front ventilated discs and high performance 4 pad HP2 brakes. At rear disc brakes.

Front, size and 4" 12.6 in. Ventilated disc

Rear, size and type 10.1 in. **ILI** Disc

Parking brake Mechanically actuated at the rear wheels

## WHEELS:

size 17.5 J X 17 5-spoke allroad design 225 / 55 97 H

## TIRES:

size 1225 155 high performance tires

## BODY:

Material nitary, fully gall anised, steel, aluminium engine hood

Corrosion protection IMulti-step, anti-corrosion protection

## CAPACITIES:

Engine oil 6.3 qt.

Fuel tank 18.5 gal.

Cooling system 6.3 qt.

## EXTERIOR DIMENSIONS:

Wheelbase quattro  
loB.s in. **fffi~t,7\*73111**

Track: front / rear 62 in. 1 62.4 in.

Overall lengM 189.4 in

Overall width (with mirrors) 76.1 in

Height (unloaded) 59.1 in. „Low level  
60.1 in.  
Normal leve  
61.7 in.  
Level 1  
652.7 in. ff\*S'  
Level 2

Ground clearance (loaded) 6.6 in. Low level (@ speed > 80mph)  
6.6 in.  
rm l level pee 50  
No a (@ s d > mph)  
7.6 in. Level 1 (operative height)  
8.2 in. Level 2 (offroad)

Curb weight man. / auto' 4167 lbs. 1 4233 tbs.

Distribution % front rear 55/44 57143

## INTERIOR DIMENSIONS:

Seating Capacity 5  
EPAClass Mid-size  
Head room front / rear n1a in. n/a n/a in. nfaP  
Shoulder room friont l rear 58.6 in. 56.9 in.  
Leg room front / rear rVa in. n/a in. KA  
Int. vol. (EPA) front / rear rVa cu. ft. n1a cu- ft.  
Luggage capacity (EPA) n/a cu. ft.

## PERFORMANCE:

quattro  
Manual Automatic  
0-60 mph (0-100 km/h) 7.4 sec. 7.7 sec.  
1/4 mile n1a sec. n/a sec.  
Top speed Top speed is electronically limited to 130 mph (209 km/h) for North America

## FUEL ECONOMY: EPA Estimate

Manual Automatic  
city n/a mpg n/a mpg  
Highway n1a mpg n1a mpg  
Combined n/a mpg n1a mpg

## FUEL ECONOMY: Canadian Estimate

Manual Automatic  
city n/a liters/1 00km n/a liters/100km  
Highway n/a liters/100km n/a liters/100km