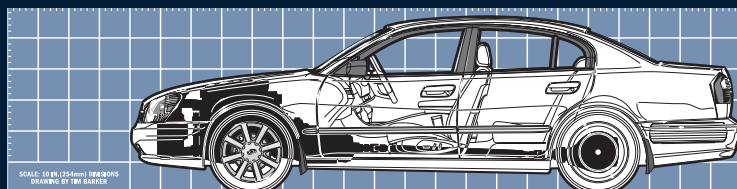


2002 Infiniti Q45

Nissan North America, Inc., Infiniti Division
P.O. Box 191, Gardena, Calif. 90248-0191; www.infiniti.com



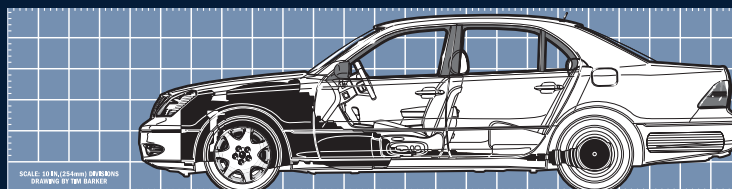
List Price: **\$50,500**

Price as Tested: **\$56,507**

Price as tested incl std equip. (front & side airbags, ABS, traction control, auto. air cond, 6-CD changer AM/FM/CD stereo/cassette, cruise control, anti-theft sys, keyless entry; pwr seats, windows, door locks & mirrors), sport package (firmer springs & shocks, P245/45-18 tires, smoke-tone wood trim.) \$1500, sunshade package (elect. rear window sunshade, rear door sunshades) \$500, navigation system (\$2100), heated seats (\$450), splash guards (\$120), full-size spare tire (\$80), luxury tax (\$712), dest charge (\$545).

2001 Lexus LS 430

Lexus
19001 S. Western Ave., Torrance, Calif. 90509; www.lexus.com



List Price: **\$54,005**

Price as Tested: **\$62,098**

Price as tested incl std equip. (front & side airbags, ABS, yaw & traction control, auto. air cond, AM/FM/CD stereo/cassette, cruise control, anti-theft sys, keyless entry; pwr seats, windows, door locks & mirrors), navigation system with Mark Levinson audio package (\$5240), Lexus Link (\$1215), Euro-tuned Sport suspension (a no-cost option), 17-in. wheels and summer tires (\$100), trunk mat (\$66), luxury tax (\$927), dest charge (\$545).

General Data

	Infiniti Q45	Lexus LS 430
Curb weight	4050 lb	4130 lb
Test weight	4220 lb	4300 lb
Weight dist (with driver), f/r, %	56/44	55/45
Wheelbase	113.0 in.	115.2 in.
Track, f/r	62.2 in./61.4 in.	62.0 in./62.0 in.
Length	199.6 in.	196.7 in.
Width	72.6 in.	72.0 in.
Height	58.7 in.	57.9 in.

Engine

Type	dohc 4-valve/cyl V-8	dohc 4-valve/cyl V-8
Displacement	4494 cc	4293 cc
Bore x stroke	93.0 x 82.7 mm	91.0 x 82.5 mm
Compression ratio	10.5:1	10.5:1
Horsepower (SAE)	340 bhp @ 6400 rpm	290 bhp @ 5600 rpm
Torque	333 lb-ft @ 4000 rpm	320 lb-ft @ 3400 rpm
Redline	6700 rpm	6350 rpm
Fuel injection	elect. sequential port	elect. sequential port
Rec. fuel	prem. unleaded, 91 pump oct	prem. unleaded, 91 pump oct

Chassis & Body

Layout	front engine/rear drive	front engine/rear drive
Body/frame	unit steel	unit steel
Brakes, f/r	11.4-in. vented discs/11.5-in. discs ; vac asst, ABS	12.4-in. vented discs/12.2-in. discs ; vac asst, ABS
Wheels	cast alloy, 18 x 7½JJ	cast alloy, 17 x 7½JJ
Tires	Michelin Pilot HX MXM4; P245/45R-18	Dunlop SP SPORT 270, 225/55R-17
Steering	rack & pinion , vari power assist	rack & pinion , vari power assist
Overall ratio	18.0:1	15.7:1
Turns lock to lock	3.3	3.5
Suspension, f/r	MacPherson struts , coil springs, tube shocks, anti-roll bar/ multi-link , coil springs, tube shocks, anti-roll bar	upper & lower A-arms , coil springs, tube shocks, anti-roll bar/ upper & lower A-arms , coil springs, tube shocks, anti-roll bar

Accommodations

Seating capacity	5	5
Head room, f/r	37.3 in./36.0 in.	37.8 in./34.3 in.
Front-seat leg room	46.0 in.	44.5 in.
Rear-seat knee room	25.0 in.	26.5 in.
Trunk space	13.6 cu ft	20.2 cu ft

Acceleration

	Infiniti Q45	Lexus LS 430
Time to speed, sec		
0-20 mph	1.4	1.4
0-40 mph	3.5	3.4
0-60 mph	6.5	6.4
0-80 mph	10.6	10.5
0-100 mph	16.6	15.8
Time to distance		
0-1320 ft (¼ mile)	14.9 @ 94.7 mph	14.8 @ 96.6 mph

Braking

Minimum stopping distance		
From 60 mph	137 ft	128 ft
From 80 mph	235 ft	224 ft
Control	excellent	excellent
Brake feel	very good	very good
Overall brake rating	very good	very good

Handling

Lateral accel (200-ft skidpad):	0.79g	0.81g
Balance	moderate understeer	moderate understeer
Speed thru 700-ft slalom:	61.0 mph	60.6 mph
Balance	moderate understeer	moderate understeer

Fuel Economy

Our driving	17.2 mpg	20.0 mpg
EPA city/highway	17/25 mpg	18/25 mpg
Fuel capacity	21.4 gal.	22.2 gal.

Interior Noise

Idle in neutral	42 dBA	47 dBA
Maximum, 1st gear	67 dBA	71 dBA
70 mph	71 dBA	71 dBA

Drivetrain

	5-speed automatic	5-speed automatic
Transmission		
Gear/Ratio/Overall/(Rpm) Mph		
1st, :1	3.54/9.77/(6300) 44	3.36/10.97/(6000) 41
2nd, :1	2.26/6.24/(6700) 73	2.18/7.12/(6000) 63
3rd, :1	1.47/4.06/(6700) 113	1.42/4.64/(6350) 103
4th, :1	1.00/2.76/ est (6100) 150*	1.00/3.27/(5700) 131*
5th, :1	0.83/2.29/ est (5000) 150*	0.75/2.45/ est (4280) 131*
Final drive ratio	2.76:1	3.27:1
Engine rpm @ 60 mph in top gear	1700 rpm	1800 rpm

*Electrically limited.