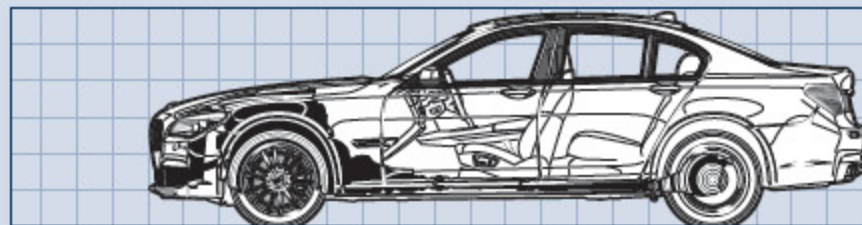


BMW 750i

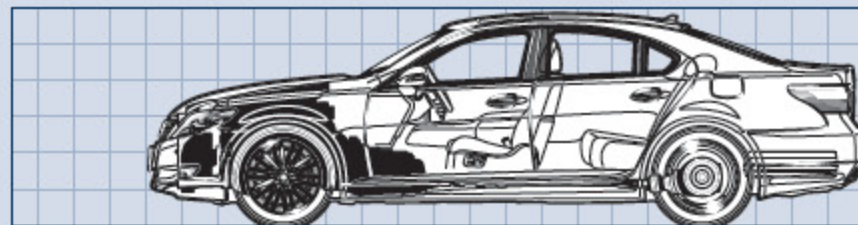
BMW of North America, P.O. Box 1227, Westwood, N.J. 07675-1227;
www.bmwusa.com



SCALE: 10 IN. (254MM) DIVISIONS • DRAWINGS BY TIM BARKER

Lexus LS 460 Sport

Lexus, a division of Toyota Motor Sales, U.S.A. 19001 S. Western Ave., Torrance, Calif. 90501; www.lexus.com



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BMW 750i

Lexus LS 460 Sport

GENERAL DATA

List price	\$82,000	\$64,680
Price as tested	\$95,725	\$76,014
	Price as tested incl std equip. (dual frnt, side & side curtn arbrgs, yaw/trac cntrl, adpt. xenon hdlts, nav w/ traffic, Bluetooth), M Sport Pkg (19-in. whls, ARS, M str whl, Aero kit, etc.) \$6500, Prem. Snd Pkg (iPod/USB, 6-dsc DVD) \$2000, Conv. Pkg (pwr trnk, keyless entry, sft close doors) \$1700, HUD (\$1300), Sat. radio (\$350), gas-guzzler tax (\$1000), dest charge (\$875).	Price as tested incl std equip. (dual frnt, side & side curtn arbrgs, yaw/trac cntrl, adpt. xenon hdlts), Sport Pkg (Brembo brakes, 19-in. whls, sport susp, sport ext trim, sport seats, sport steering whl, etc.) \$6185, Luxury Pkg (nav, XM, 19-spkr DVD audio/video) \$2080, Cmft Pkg (htd/cool seats, rear shade, rear htd seats, pwr door close/trunk) \$2035, misc items (\$159), dest charge (\$875).
Curb weight	4600 lb	4545 lb
Test weight	4775 lb	4720 lb
Weight dist (w/ driver), f/r, %	52/48	52/48
Wheelbase	120.9 in.	116.9 in.
Track, f/r	63.4 in./65.0 in.	63.2 in./63.2 in.
Length	199.7 in.	199.2 in.
Width	74.9 in.	73.8 in.
Height	58.2 in.	58.1 in.

ENGINE

Type	twin-turbo dohc 4-valve/cyl V-8	dohc 4-valve/cyl V-8
Displacement	4395 cc	4608 cc
Bore x stroke	89.0 x 88.3 mm	94.0 x 83.0 mm
Compression ratio	10.0:1	11.8:1
Horsepower (SAE)	400 bhp @ 5500-6400 rpm	380 bhp @ 6400 rpm
Torque	450 lb-ft @ 1750-4500 rpm	367 lb-ft @ 4100 rpm
Redline/limiter	6800/6800 rpm	6600/6700 rpm
Fuel injection	direct	direct & elect. sequential port
Rec fuel	premium	premium

CHASSIS & BODY

Layout	front engine/rear drive	front engine/rear drive
Body/frame	alum./steel	unit steel
Brakes, front	14.7-in. vented discs/1-piston sliding calipers	14.8-in. vented discs/6-piston fixed calipers
rear	14.6-in. vented discs/1-piston sliding calipers; vac assist, ABS	13.1-in. vented discs/2-piston fixed calipers; vac assist, ABS
Wheels	cast alloy; 19 x 8 1/2 f, 19 x 9 r	forged alloy; 19 x 8
Tires	Goodyear Excellence Run On Flat; 245/45ZR-19 98Y f, 275/40ZR-19 101Y r	Dunlop SP Sport Maxx 101; 245/45ZR-19 98Y
Steering	rack & pinion, varl power assist	rack & pinion, elect. power assist
Steering ratio	16.3:1	13.3:1
Turns lock to lock	3.2	2.8
Suspension, f/r	upper & lower A-arms, coil springs, elect. adj tube shocks, elect. adj anti-roll bar/multilink, coil springs, elect. adj tube shocks, elect. adj anti-roll bar	multilink, elect. adj air springs, elect. adj tube shocks, anti-roll bar/multilink, elect. adj air springs, elect. adj tube shocks, anti-roll bar

ACCOMMODATIONS

Seating capacity	5	5
Head room, f/r	39.0 in./36.5 in.	38.0 in./36.0 in.
Front-seat leg room	45.8 in.	44.0 in.
Rear-seat knee room	24.8 in.	28.0 in.
Trunk space	17.7 cu ft	18.0 cu ft



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BMW 750i

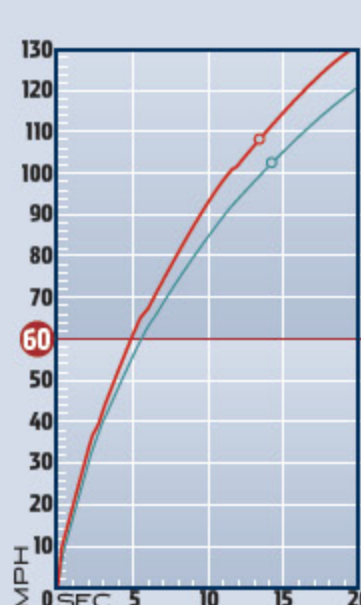
Lexus LS 460 Sport

ACCELERATION

Time to distance, seconds

0-1320 ft (1/4 mile) 13.3 @ 108.0 mph

14.1 @ 102.3 mph



Time to speed	BMW	Lexus
0-120 mph	16.3	19.4
0-110 mph	13.8	16.2
0-100 mph	11.3	13.5
0-90 mph	9.4	11.0
0-80 mph	7.8	9.1
0-70 mph	6.4	7.3
0-60 mph	4.9	5.6
0-50 mph	3.9	4.3
0-40 mph	2.8	3.0
0-30 mph	1.8	2.1
0-20 mph	1.1	1.3
0-10 mph	0.4	0.5

BRAKING

Minimum stopping distance

From 60 mph	119 ft	123 ft
From 80 mph	210 ft	227 ft

Total swept area 732 sq in.

636 sq in.

Swept area per ton 318 sq in.

280 sq in.

HANDLING

Lateral accel*	0.89g	0.84g
Balance	mild understeer	mild understeer
Slalom speed**	68.2 mph	64.5 mph
Balance	mild understeer	mild understeer

*200-ft skidpad; ** 700-ft slalom, 100-ft spacing.

DRIVETRAIN

Transmission	6-speed automatic	8-speed automatic
Gear/Ratio/Overall/(Rpm) Mph		
1st.:1	4.17/14.44/(6800) 37	4.60/13.50/(6700) 40
2nd.:1	2.34/8.10/(6800) 66	2.72/8.00/(6700) 67
3rd.:1	1.52/5.27/(6800) 102	1.86/5.47/(6700) 99
4th.:1	1.14/3.96/(6800) 136	1.46/4.30/(6700) 126
5th.:1	0.87/3.00/est(5900) 155*	1.23/3.62/est(5850) 130*
6th.:1	0.69/2.39/est(4700) 155*	1.00/2.94/est(4750) 130*
7th.:1	na	0.82/2.42/est(3900) 130*
8th.:1	na	0.69/2.01/est(3250) 130*
Final drive ratio	3.46:1	2.94:1
Engine rpm @ 60 mph	1800 rpm	1500 rpm
In top gear		

*Electronically limited.

FUEL ECONOMY

Our driving	14.9 mpg	15.8 mpg
EPA city/highway	15/22 mpg	16/24 mpg
Cruise range	310 miles	335 miles
Fuel capacity	21.7 gal.	22.2 gal.

INTERIOR NOISE

Idle in neutral	51 dBA	46 dBA
Maximum, 1st gear	76 dBA	83 dBA
Constant 50 mph	69 dBA	73 dBA
Constant 70 mph	73 dBA	77 dBA

TEST CONDITIONS

Temperature	62° F	Elevation	350 ft	Location	Irvine, California
Humidity	53%	Wind	calm		