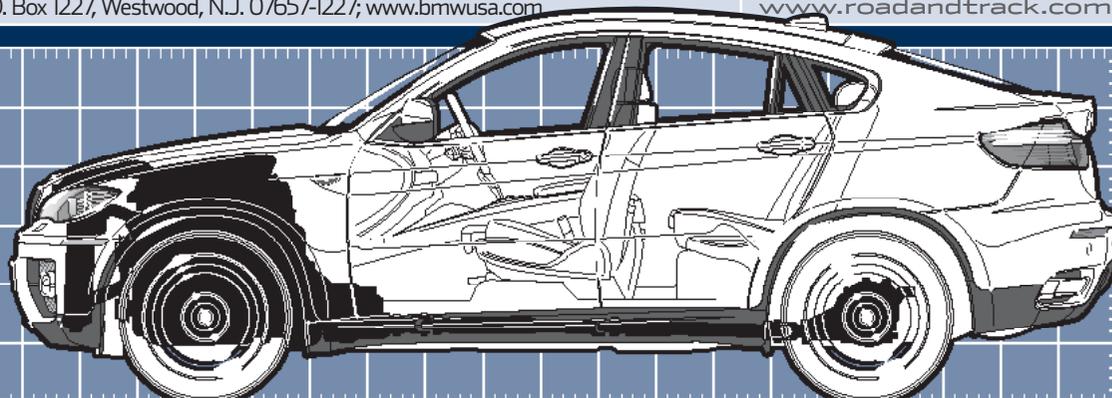


X6 xDrive50i (European Spec)

BMW of North America, P.O. Box 1227, Westwood, N.J. 07657-1227; www.bmwusa.com

www.roadandtrack.com



SCALE: 1/16 IN. (254mm) DIMENSIONS DRAWING BY TONY PALMER

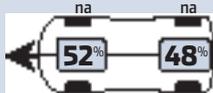
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SPECIFICATIONS

PRICING

List price	\$63,000
Price as tested	\$73,925
Price as tested incl std equip. (ABS, dual front, side & curtain airbags, traction & yaw control, elect. adj. anti-roll bars [Adaptive Drive], iDrive navigation, Vermilion Red Metallic paint, leather, tilt/telescoping steering, keyless entry; pwr windows, mirrors & door locks), Sport Pkg (Electronic Damper Control, Shadowline trim, anthracite headliner, increased speed limiter, 20-in. wheels with perf. run-flat tires) \$4050, Premium Sound Pkg (hi-fi audio, 6-disc DVD, iPod/USB adapter) \$2000, Active Steering (\$1400), head-up display (\$1200), Comfort access (\$1000), pwr tailgate (\$500), dest charge (\$775).	

GENERAL DATA

Curb weight	est 5270 lb
Test weight	est 5470 lb
Weight dist (with driver), f/r %	na na
	
Wheelbase	115.5 in.
Track, f/r	64.7 in./67.2 in.
Length	192.0 in.
Width	78.1 in.
Height	66.5 in.
Ground clearance	8.3 in.
Trunk space	25.5 cu ft

ACCOMMODATIONS

Seating capacity	4
Head room Front:	39.0 in.
Rear:	36.0 in.
Seat width Front:	2 x 18.5 in.
Rear:	2 x 17.5 in.
Front-seat leg room	43.0 in.
Rear-seat knee room	24.5 in.
Seatback adjustment	60 deg
Seat travel	9.3 in.

INSTRUMENTATION

260-km/h speedometer, 7000-rpm tachometer with variable redline, coolant temp, fuel level

SAFETY

dual front, side & curtain airbags, traction & yaw control, seatbelt pretensioners, seatbelt force limiters (all standard equip.)

WARRANTY

Basic warranty	4 years/50,000 miles
Powertrain	4 years/50,000 miles
Rust-through	12 years/unlimited miles

ENGINE

Type/layout	aluminum block & heads, twin-turbo V-8/longitudinal
Valvetrain	dohc 4-valve/cyl, variable timing, chain drive
Displacement	268 cu in./4395 cc
Bore x stroke	3.50 x 3.48 in./89.0 x 88.3 mm
Compression ratio	10.0:1
Horsepower (SAE)	400bhp@5500-6400rpm
Bhp/liter	91.0
Torque	450 lb-ft@1750-4500rpm
Redline/limiter	6500/6800 rpm
Fuel injection	direct
Recommended fuel	premium unleaded

DRIVETRAIN

Transmission:	6-speed automatic		
Gear	Ratio	Overall ratio	(Rpm) Mph
1st	4.17:1	15.18:1	(6800) 38
2nd	2.34:1	8.52:1	(6800) 67
3rd	1.52:1	5.53:1	(6800) 103
4th	1.14:1	4.15:1	(6800) 137
5th	0.87:1	3.17:1	est (5850) 155*
6th	0.69:1	2.51:1	est (4650) 155*
Final drive ratio	3.64:1		
Engine rpm @ 60 mph in top gear	1800		

*Electronically limited.

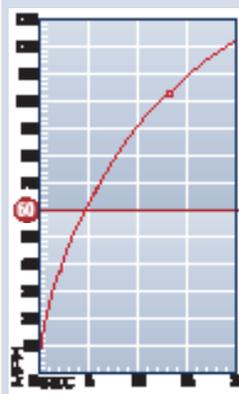
CHASSIS & BODY

Layout	front engine/all-wheel drive
Body/frame	unit steel
Brakes Front:	14.4-in. vented discs/1-piston sliding calipers
Rear:	13.6-in. vented discs/1-piston sliding calipers
Assist type	vacuum, ABS
Wheels Front:	cast alloy, 20 x 10
Rear:	cast alloy, 20 x 11
Tires	Dunlop SP Sport Maxx DSST RSC
Front:	275/40R-20 106W
Rear:	315/35R-20 110W
Spare tire	none, run-flats
Steering	rack & pinion, variable assist
Steering ratio	na, elect. variable
Steering-wheel diameter	15.5 in.
Turns, lock to lock	2.0 (stationary)
Turning circle	42.0 ft
Suspension	
Front:	upper & lower A-arms, coil springs, elect. adj tube shocks, elect. adj anti-roll bar
Rear:	multi-link, coil springs, elect. adj tube shocks, elect. adj anti-roll bar

PERFORMANCE

ACCELERATION

Time to distance	seconds
0-100 ft	2.6
0-500 ft	7.2
0-900 ft	10.4
0-1320 ft (1/4 mile) n	13.4 @ 102.8 mph



Time to speed, sec	
0-120 mph	19.3
0-110 mph	15.5
0-100 mph	12.5
0-90 mph	10.0
0-80 mph	8.0
0-70 mph	6.3
0-60 mph	4.8
0-50 mph	3.6
0-40 mph	2.5
0-30 mph	1.5
0-20 mph	0.8
0-10 mph	0.2

— 1/4 mile

BRAKING

Minimum stopping distance	
From 60 mph	116 ft
From 80 mph	208 ft
Total swept area	924 sq in.
Swept area/ton	351 sq in.

HANDLING

Lateral acceleration*	0.90g
Balance	mild understeer
Slalom speed**	64.9 mph
Balance	mild understeer
Lateral seat support	good

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

FUEL ECONOMY

Our driving	est 14.0 mpg
EPA city/highway	13/18 mpg
Cruise range	est 301 miles
Fuel capacity	22.5 gal.

INTERIOR NOISE

Idle in neutral	46 dBA
Maximum in 1st gear	71 dBA
Constant 50 mph	62 dBA
Constant 70 mph	67 dBA

TEST CONDITIONS

Temperature	59° F
Humidity	85%
Elevation	500 ft
Wind	calm
Location	Laurens, South Carolina

0-60 mph

4.8 sec

0-1/4 mile

13.4 sec

Top speed

155 mph*

Skidpad

0.90g

Slalom

64.9 mph

*Electronically limited.

Test Notes:

ACCELERATION

Disable traction control and engage sport mode. Load the torque converter to about 2700 rpm before releasing the brake pedal and allowing the transmission to handle the shifts for you.

Test Notes:

BRAKING

With a firm and responsive brake pedal, the X6 holds steady even under heavy braking in wet conditions. The brakes are also very consistent as all three runs from 60 mph were within a foot of each other.

Test Notes:

HANDLING

Active anti-roll bars, shocks, rear differential, awd and steering add up to an unusual SUV. Its handling limits correlate with its hefty curb weight, but it executes such maneuvers with great composure.

AT A GLANCE