

Vehicle Comparison

May 31, 2016



2016 LS 600h L



2016 Mercedes-Benz S-Class Base 4dr RWD Sedan



2016 BMW 750 Li xDrive 4dr AWD Sedan

Comparably Equipped Pricing

MSRP	\$147,900	\$117,300	\$117,900
Destination Fee	\$2,045	\$2,075	\$1,035
Added Equipment	\$0	\$30,750 ^[1]	\$5,000 ^[2]
Comparably Equipped Price	\$149,945	\$150,125	\$123,935
Air Conditioning Charge	\$100	\$100	\$100
Dealership Fees (Maximum)	Extra	Unknown	Unknown

1. Comparably Equipped by adding the following: Exclusive Package (\$4,900); Premium Rear Seating Package (\$5,700); AMG Sport Package (\$5,900); Premium Package (\$6,100); Wheels: AMG 20" Multi-Spoke (\$1,250); Burmester High-End Surround Sound System (\$6,900)
2. Comparably Equipped by adding the following: Smoker's Package (\$100); Bowers & Wilkins Diamond Surround Sound System (\$4,900)

2016 LS 600h L

2016 Mercedes-Benz S-Class

2016 BMW 750

Lexus Advantages

Driver mirror	Power remote w/tilt down	Power remote	Power remote
Cargo net	Yes	None	None
Rear seat descriptor	Split-bench	Bench	Bench
Height adjustable seatbelts	Power front	Front	None
Brake assist	Predictive	Yes	Yes
Blind spot sensor	Warning	None	None
Distance pacing cruise control	Yes	None	None
Engine litres (L)	5	3	4.4
Hybrid system net power output (hp)	439	436	N/A
Battery pack	288V nickel metal hydride	N/AV lithium ion	N/A

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
Fuel tank (L)	84	79.9	78
Curb weight (kg)	2,370	2,145	2,091
Gross vehicle weight rating (GVWR) (kg)	2,790	N/A	2,663
Front legroom (mm)	1,110	1,052	1,051
Front hiproom (mm)	1,407.2	N/A	N/A
Rear hiproom (mm)	1,409.7	N/A	N/A
Powertrain months	72	48	48
Powertrain distance (km)	110,000	80,000	80,000

Mechanical

Powertrain

Hybrid/Electric	Full	Full plug-in	None
Engine litres (L)	5	3	4.4
Cylinder configuration	V-8	V-6	V-8
Valvetrain	DOHC	DOHC	DOHC
Compressor	None	Twin turbo	Twin turbo
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Drive type	All-wheel drive	Rear-wheel	All-wheel drive
Transmission	CVT	7-speed automatic	8-speed automatic
Sequential shift control	With steering wheel controls	With steering wheel controls	With steering wheel controls

Suspension and Handling

Front suspension	Multi-link	Multi-link	Double wishbone
Rear suspension	Multi-link	Multi-link	Multi-link
Steering activation	Electric power-assist	Electric power-assist	Electric power-assist
Steering type	Rack-pinion	Rack-pinion	Rack-pinion
Speed sensitive steering	Yes	Yes	Servotronic
Brakes	4-wheel disc	4-wheel disc	4-wheel disc
Tires	P245/45VR19 BSW AS	P255/45YR20 BSW performance	P245/40YR20 BSW run flat performance
Rear tires if different from front	none	P285/40YR20 BSW performance	P275/35YR20 BSW run flat performance
Wheel appearance	Silver	Silver	Machined w/painted accents
Wheel material	Aluminum	Aluminum	Aluminum
Wheel diameter	19"	20"	20"

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
Wheel width	8"	8.5"	8.5"

Fuel Economy

Fuel Economy

Fuel economy - city (L/100 km / mpg)	12.7/22.2	10/28.2	14.3/19.8
Fuel economy - highway (L/100 km / mpg)	10.1/28	7.8/36.2	9.3/30.4
Fuel economy - combined (L/100 km / mpg)	11.5/24.6	26.1/10.8	12/24.5
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Fuel tank (L)	84	80	78

Entertainment

Entertainment Features

	SiriusXM AM/FM/HD/Satellite	SIRIUS AM/FM/HD/Satellite	AM/FM/HD/Satellite-prep
Radio	Single	6-disc	Single
CD	None	None	Compatible
Remote CD	None	None	Compatible
MP3 decoder	Yes	Yes	Yes
External digital memory control	Yes	Mbrace2	Yes
Steering wheel audio controls	Yes	Yes	Yes
Radio data system	Yes	Yes	Yes
Voice activated audio control	Yes	Yes	Yes
Speakers	19	24	16
Speed sensitive volume	Yes	Yes	Yes
Integrated navigation system	With voice activation	With voice activation	With voice activation
1st row LCD monitor	1	2	2
Wireless phone connectivity	Yes	Bluetooth	Bluetooth

Exterior

Lighting

Headlight beam	LED low/high beam	LED low/high beam	LED low/high beam
Exterior light control	Fully automatic	Programmable	Fully automatic
Delay-off headlamps	Yes	Yes	Yes

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750	
Daytime running lights	LED	LED	LED	
Front fog lights	LED	None	LED	
Perimeter/approach lights	Remote activated	Remote activated	Remote activated	
Driver side turn signal indicator in mirror	Yes	Yes	None	
Passenger side turn signal indicator in mirror	Yes	Yes	None	
LED brakelights	Yes	Yes	Yes	

Body Exterior

Body material	Fully galvanized steel	Aluminum	Galvanized steel/aluminum	
Grille	Chrome	Chrome	Chrome	
Door count	4	4	4	
Rear cargo door	Power open and close trunk	Power open and close trunk	Power open and close trunk	
Driver mirror	Power remote w/tilt down	Power remote	Power remote	
Passenger mirror	Power remote w/tilt down	Power remote w/tilt down	Power remote w/tilt down	
Driver heated mirror	Yes	Yes	Yes	
Passenger heated mirror	Yes	Yes	Yes	
Driver auto dimming mirror	Yes	Yes	Yes	
Passenger auto dimming mirror	Yes	None	Yes	
Sunroof	1st row	1st row	1st row	
Sunroof activation	Express open/close	Express open/close	Express open/close	
Sunroof type	Glass	Glass	Glass	
2nd row sunroof type	None	Glass	Glass	
Antenna	Window grid	Window grid	Window grid	
Front bumper	Body-coloured	Body-coloured	Body-coloured	
Rear bumper	Body-coloured	Body-coloured	Body-coloured	

Interior

Convenience Features

Air conditioning	Automatic	THERMOTRONIC automatic	Automatic	
Dual zone front air conditioning	Yes	Yes	Yes	
Air filter	Yes	Yes	Yes	
Rear HVAC	With separate controls	With separate controls	With separate controls	

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
External digital memory control	Yes	Mbrace2	Yes
Door locks	Power with 2 stage unlock	Power with 2 stage unlock	Power with 2 stage unlock
Remote keyless entry	Keyfob (all doors)	Keyfob (all doors)	Keyfob (all doors)
Front windows	Power	Power	Power
Rear windows	Power	Power	Power
Window control - express up	Front and rear	Front and rear	Front and rear
Window control - express down	Front and rear	Front and rear	Front and rear
AC power outlet	None	1	None
Cargo net	Yes	None	None
Cargo tie downs	Yes	Yes	Yes
Cruise control	With steering wheel controls	Yes	With steering wheel controls
Distance pacing cruise control	Yes	None	None
Front beverage holders	Yes	Yes	Yes
Rear beverage holders	Yes	Yes	Yes
12V DC power outlet	2	3	4
Driver door bin	Yes	Yes	Yes
Passenger door bin	Yes	Yes	Yes
Overhead console	Mini	Mini	Mini
Overhead console storage	Yes	Yes	None
Floor console	Full	Full	Full
Glove box	Locking	Locking	Yes
Garage door transmitter	HomeLink	Homelink	Yes
Auto-dimming rear view mirror	Yes	Yes	Yes
Driver vanity mirror	Illuminated	Illuminated	Illuminated
Passenger vanity mirror	Illuminated	Illuminated	Illuminated
Tilting steering wheel	Power	Power	Power
Telescoping steering wheel	Power	Power	Power

Seats and Trim

Seating capacity	5	5	5
Heated seats	Driver and passenger	Driver and passenger	Driver and passenger
Ventilated front seats	Driver and passenger	Driver and passenger	None
Driver seat - way direction control	10	14	14
Driver seat - recline	Power	Power	Power
Driver seat - height adjustment	Power	Power	Power

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
Driver seat - fore/aft	Power	Power	Power
Driver seat - cushion tilt	Power	Power	Power
Driver seat - lumbar support	Power 4-way	Massaging	Power 4-way
Driver seat - cushion extension	Power	Power	Power
Driver seat - seatback side bolster support	None	Power	Power
Front passenger seat - way direction control	8	14	14
Front passenger seat - recline	Power	Power	Power
Front passenger seat - height adjustment	Power	Power	Power
Front passenger seat - fore/aft	Power	Power	Power
Front passenger seat - cushion tilt	Power	Power	Power
Front passenger seat - lumbar support	Power 2-way	Massaging	Power 4-way
Front passenger seat - cushion extension	None	Power	Power
Front passenger seat - seatback side bolster support	None	Power	Power
Front centre armrest	Yes	Yes	Yes
Front head restraints	W/tilt	W/tilt	W/tilt
Memory seat(s)	Driver	Front and rear	Driver and passenger
Rear seat descriptor	Split-bench	Bench	Bench
Rear heated seats	Yes	Yes	Yes
Ventilated rear seats	Yes	Yes	None
Rear armrest	Yes	Yes	With pass-thru
Rear head restraints	W/tilt	W/tilt	Adjustable
Seat material	Leather	Leather	Leather
Door trim insert	Leather	Leatherette	Leather
Floor mats	Carpet front and rear	Carpet front and rear	Carpet front and rear
Floor trim	Carpet	Carpet	Carpet
Headliner	Simulated suede	DINAMICA simulated suede	Alcantara simulated suede
Steering wheel material	Leather/genuine wood	Leather/genuine wood	Leather

Entertainment Features

Radio	SiriusXM AM/FM/HD/Satellite	SIRIUS AM/FM/HD/Satellite	AM/FM/HD/Satellite-prep
CD	Single	6-disc	Single
Remote CD	None	None	Compatible
MP3 decoder	Yes	Yes	Yes

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
External digital memory control	Yes	Mbrace2	Yes
Steering wheel audio controls	Yes	Yes	Yes
Radio data system	Yes	Yes	Yes
Voice activated audio control	Yes	Yes	Yes
Speakers	19	24	16
Speed sensitive volume	Yes	Yes	Yes
Integrated navigation system	With voice activation	With voice activation	With voice activation
1st row LCD monitor	1	2	2
Wireless phone connectivity	Yes	Bluetooth	Bluetooth

Lighting, Visibility and Instrumentation

Dome light	Fade	Fade	Fade
Door curb/courtesy lights	4	4	4
Illuminated entry	Yes	Yes	Yes
Front reading lights	Yes	Yes	Yes
Rear reading lights	Yes	Yes	Yes
Illuminated glove box	Yes	Yes	Yes
Windshield wipers	Variable intermittent	MAGIC VISION CONTROL variable intermittent	Variable intermittent
Rain detecting wipers	Yes	Yes	Yes
Window tint	Light	Light	Light
Instrumentation display	Analog	Digital/analog	Digital/analog
Tachometer	Yes	Yes	Yes
Engine temperature gauge	Yes	Yes	None
Low fuel warning	Yes	Yes	Yes
Low tire pressure warning	Tire specific	Tire specific	Tire specific
Maintenance reminder	Yes	Yes	Yes
Driver information centre	Yes	Yes	Yes
Exterior temperature	Yes	Yes	Yes
Clock	Analog	Analog	In-dash
Compass	Yes	Yes	None
Trip computer	Yes	Yes	Yes
Blind spot sensor	Warning	None	None
Parking sensors	Front and rear	PARKTRONIC w/Active Parking Assist automated	Front and rear

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
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Specifications

Specs and Dimensions

Engine litres (L)	5	3	4.4
Cylinder configuration	V-8	V-6	V-8
Horsepower (hp)	389 @ 6,400RPM	329 @ 5,250RPM	445 @ 5,500RPM
Torque (lb.-ft.)	385 @ 4,000RPM	354 @ 1,600RPM	479 @ 1,800RPM
Hybrid system net power output (hp)	439	436	N/A
Battery pack	288V nickel metal hydride	N/A/V lithium ion	N/A
Fuel economy - city (L/100 km / mpg)	12.7/22.2	10/28.2	14.3/19.8
Fuel economy - highway (L/100 km / mpg)	10.1/28	7.8/36.2	9.3/30.4
Fuel economy - combined (L/100 km / mpg)	11.5/24.6	26.1/10.8	12/24.5
Fuel tank (L)	84	79.9	78
Curb weight (kg)	2,370	2,145	2,091
Gross vehicle weight rating (GVWR) (kg)	2,790	N/A	2,663
Payload (kg)	N/A	715	435
Exterior length (mm)	5,210	5,245	5,248
Exterior body width (mm)	1,875	1,900	1,902
Exterior body height (mm)	1,480	1,494	1,479
Wheelbase (mm)	3,090	3,164.8	3,210
Front track (mm)	1,615	1,624.1	1,618
Rear track (mm)	1,610	1,637	1,646
Turning radius (m)	6.3	6.1	6.4
Interior cargo volume (L)	370	N/A	515
Maximum interior cargo volume (L)	370	N/A	515
Front legroom (mm)	1,110	1,052	1,051
Rear legroom (mm)	933	1,092	1,128
Front headroom (mm)	965	1,008	1,013
Rear headroom (mm)	964	996	989
Front hiproom (mm)	1,407.2	N/A	N/A
Rear hiproom (mm)	1,409.7	N/A	N/A
Front shoulder room (mm)	1,487	1,516	1,503
Rear shoulder room (mm)	1,432	1,501	1,466

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
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Safety

Safety and Security

Passenger front-impact airbag	Yes	Yes	Yes
Driver side-impact airbag	Seat mounted	Seat mounted	Seat mounted
Passenger side-impact airbag	Seat mounted	Seat mounted	Seat mounted
Overhead airbag	Curtain 1st and 2nd row	Curtain 1st and 2nd row	Curtain 1st and 2nd row
Front passenger airbag occupancy sensor	Yes	Yes	Yes
Side impact beams	Yes	Yes	Yes
Height adjustable seatbelts	Power front	Front	None
Seatbelt pre-tensioners	Front and rear	Front and rear	Front
ABS	4-wheel	4-wheel	4-wheel
Brake assist	Predictive	Yes	Yes
Traction control	ABS and driveline	ABS and driveline	ABS and driveline
Electronic stability	Stability control	Stability control	DSC III
Blind spot sensor	Warning	None	None
Forward collision	Mitigation	PRE-SAFE mitigation	Warning
Parking sensors	Front and rear	PARKTRONIC w/Active Parking Assist automated	Front and rear
Distance pacing cruise control	Yes	None	None
Panic alarm	Yes	Yes	Yes
Security system	Yes	Yes	Yes
Immobilizer	Yes	Yes	Yes
Rear child safety locks	Manual	Manual	Manual

Warranty

Warranty

Basic months	48	48	48
Basic distance (km)	80,000	80,000	80,000
Powertrain months	72	48	48
Powertrain distance (km)	110,000	80,000	80,000
Corrosion perforation months	72	48	144
Corrosion perforation distance (km)	unlimited	80,000	unlimited

	2016 LS 600h L	2016 Mercedes-Benz S-Class	2016 BMW 750
Roadside assistance months	48	48	48
Roadside assistance distance (km)	unlimited	unlimited	unlimited
Hybrid electrical components months	96	96	N/A
Hybrid electrical components distance (km)	160,000	160,000	N/A

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