

# Vehicle Comparison

June 25, 2020



2020 LS 500h



2020 BMW 750 Li  
xDrive 4dr AWD  
Sedan



2020 Mercedes-  
Benz S-Class Base  
4dr AWD 4MATIC  
LWB Sedan

## Comparably Equipped Pricing

### Pricing

MSRP	\$134,200	\$126,900	\$127,600
Destination Fee	\$2,095	\$1,135	\$2,075
Added Equipment	\$0	\$23,550 <sup>[1]</sup>	\$31,400 <sup>[2]</sup>
Comparably Equipped Price	\$136,295	\$151,585	\$161,075
Air Conditioning Charge	\$100	\$100	\$100
Dealership Fees (Maximum)	Extra	Unknown	Unknown

1. Comparably Equipped by adding the following: Advanced Driver Assistance Package (\$2,000); Executive Lounge Tier 1 (\$5,250); Executive Package (\$7,500); Rear Seat Backrest Cooling Box (\$1,400); Rear Entertainment System (\$2,500); Bowers & Wilkins Diamond Surround Sound System (\$4,900)
2. Comparably Equipped by adding the following: Exclusive Package (\$4,900); Premium Rear Seating Package (\$5,900); Premium Package (\$6,100); Wheels: 20" Black Multi-Spoke (\$1,250); Windshield Heater (\$650); Head-Up Display (\$1,500); Rear Multicontour Seats (\$1,800); Rear Seat Entertainment Package (\$2,400); Burmester High-End 3D Surround Sound System (\$6,900)

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
 <b>Lexus Advantages</b>			
Tires	P245/45VR20 BSW run-flat AS	P245/40YR20 BSW run-flat performance	P245/45HR19 BSW summer performance
Wheel material	Forged aluminum	Aluminum	Aluminum
Grille	Metal-look w/chrome surround	Chrome	Chrome
Driver mirror	Power remote w/tilt down	Power remote	Power remote
Cargo net	Yes	None	None
Driver seat - way direction control	16	14	14
Front passenger seat - way direction			

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
control	16	14	14
Rear seat audio controls	Multi-source	None	None
Speakers	23	16	13
Entertainment system	With Blu-ray and digital media	With DVD and digital media	With DVD and digital media
Height adjustable seatbelts	Power front	None	Front
Hybrid system net power output (hp)	354	N/A	N/A
Battery pack	650V lithium ion	N/A	N/A
Fuel economy - city (L/100 km / mpg)	10.3/27.4	14.5/19.5	13.5/20.9
Fuel economy - highway (L/100 km / mpg)	7.7/36.7	9.9/28.5	8.6/32.8
Fuel economy - combined (L/100 km / mpg)	9.1/31	12.4/22.8	11.3/25
Fuel tank (L)	84	78	78.5
Curb weight (kg)	2,380	2,142	2,200
Gross vehicle weight rating (GVWR) (kg)	2,820	2,675	2,805
Front track (mm)	1,635	1,621	1,600
Rear track (mm)	1,635	1,622	1,605
Front hiproom (mm)	1,410.2	N/A	N/A
Rear hiproom (mm)	1,398.8	N/A	N/A
Passenger volume (L)	2,815	N/A	N/A
Powertrain months	72	48	48
Powertrain distance (km)	110,000	80,000	80,000
Hybrid electrical components months	96	N/A	N/A
Hybrid electrical components distance (km)	160,000	N/A	N/A

## Mechanical

### Powertrain

Hybrid/Electric	Full	None	None
Engine litres (L)	3.5	4.4	4
Cylinder configuration	V-6	V-8	V-8
Valvetrain	DOHC	DOHC	DOHC
Compressor	None	Twin turbo	Twin turbo
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Drive type	All-wheel	All-wheel	4MATIC all-wheel

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
Transmission	4-speed automatic/CVT	8-speed automatic	9-speed automatic
Sequential shift control	With steering wheel controls	With steering wheel controls	With steering wheel controls

## Suspension and Handling

Front suspension	Multi-link	Double wishbone	Multi-link
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	Servotronic	Yes
Brakes	4-wheel disc	4-wheel disc	4-wheel disc
Tires	P245/45VR20 BSW run-flat AS	P245/40YR20 BSW run-flat performance	P245/45HR19 BSW summer performance
Rear tires if different from front	none	P275/35YR20 BSW run-flat performance	P275/40HR19 BSW summer performance
Wheel appearance	Silver	Machined w/painted accents	Black
Wheel material	Forged aluminum	Aluminum	Aluminum
Wheel diameter	20"	20"	20"
Wheel width	8"	8.5"	8.5"

## Fuel Economy

### Fuel Economy

Fuel economy - city (L/100 km / mpg)	10.3/27.4	14.5/19.5	13.5/20.9
Fuel economy - highway (L/100 km / mpg)	7.7/36.7	9.9/28.5	8.6/32.8
Fuel economy - combined (L/100 km / mpg)	9.1/31	12.4/22.8	11.3/25
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Fuel tank (L)	84	78	78

## Entertainment

### Entertainment Features

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

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
External digital memory control	Yes	Yes	Yes
Steering wheel audio controls	Yes	Yes	Yes
Rear seat audio controls	Multi-source	None	None
Radio data system	Yes	Yes	Yes
Voice activated audio control	Siri Eyes Free	Yes	Yes
Speakers	23	16	13
Speed sensitive volume	Yes	Yes	Yes
Entertainment system	With Blu-ray and digital media	With DVD and digital media	With DVD and digital media
Integrated navigation system	With voice activation	With voice activation	With voice activation
1st row LCD monitor	2	2	2
2nd row LCD monitor	2	3	2
Wireless phone connectivity	Bluetooth	Bluetooth	Bluetooth

## Exterior

### Lighting

Headlight beam	LED low/high beam	LED low/high beam	LED low/high beam
Exterior light control	Fully automatic	Fully automatic	Programmable
Delay-off headlamps	Yes	Yes	Yes
Daytime running lights	LED	LED	LED
Perimeter/approach lights	Remote activated	Remote activated	Remote activated
Driver side turn signal indicator in mirror	Yes	None	Yes
Passenger side turn signal indicator in mirror	Yes	None	Yes
LED brakelights	Yes	Yes	Yes

### Body Exterior

Body material	Fully galvanized steel	Galvanized steel /aluminum	Aluminum
Grille	Metal-look w/chrome surround	Chrome	Chrome
Door count	4	4	4
Rear cargo door	Power open and close trunk	Power open and close trunk	EASY-PACK 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

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
Driver heated mirror	Yes	Yes	Yes
Passenger heated mirror	Yes	Yes	Yes
Driver auto dimming mirror	Yes	Yes	Yes
Passenger auto dimming mirror	Yes	Yes	None
Sunroof	1st row	1st row	Panoramic 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	Climate Concierge automatic	Automatic	THERMOTRONIC 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
External digital memory control	Yes	Yes	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)
Remote engine start	None	Keyfob and smart device	Smart device only
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	1	None	1
Remote engine start	None	Keyfob and smart device	Smart device only
Cargo net	Yes	None	None
Cargo tie downs	Yes	Yes	Yes
Cruise control	With steering wheel controls	Dynamic Cruise Control with steering wheel controls	With steering wheel controls
	Dynamic Radar Cruise Control with traffic stop-	Active Cruise Control with Stop & Go with	

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
Distance pacing cruise control	go	traffic stop-go	None
Front beverage holders	Yes	Yes	Yes
Rear beverage holders	Yes	Yes	Yes
12V DC power outlet	2	4	3
Driver door bin	Yes	Yes	Yes
Passenger door bin	Yes	Yes	Yes
Overhead console	Mini	Mini	Mini
Overhead console storage	Yes	None	Yes
Floor console	Full	Full	Full
Glove box	Locking	Yes	Locking
Garage door transmitter	HomeLink	Yes	Homelink
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	Driver and passenger
Driver seat - way direction control	16	14	14
Driver seat - recline	Power	Power	Power
Driver seat - height adjustment	Power	Power	Power
Driver seat - fore/aft	Power	Power	Power
Driver seat - cushion tilt	Power	Power	Power
Driver seat - lumbar support	Massaging	Massaging	Massaging
Driver seat - cushion extension	Power	Power	Power
Driver seat - seatback side bolster support	Power	Power	Power
Front passenger seat - way direction control	16	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	Massaging	Massaging	Massaging

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
Front passenger seat - cushion extension	Power	Power	Power
Front passenger seat - seatback side bolster support	Power	Power	Power
Front centre armrest	Yes	Yes	Yes
Front head restraints	W/tilt	W/tilt	W/tilt
Memory seat(s)	Driver and passenger	Front and rear	Front and rear
Rear seat descriptor	Split-bench	Split-bench	Split-bench
Rear heated seats	Yes	Yes	Yes
Ventilated rear seats	Yes	Yes	Yes
Rear armrest	Yes	Yes	Yes
Rear head restraints	W/tilt	W/tilt	W/tilt
Seat material	Semi-Aniline leather	Nappa leather	Leather
Door trim insert	NuLuxe leatherette	Leather	Leather
Floor mats	Carpet front and rear	Carpet front and rear	Carpet front and rear
Floor trim	Carpet	Carpet	Carpet
Headliner	Ecsaine simulated suede	Cloth	DINAMICA simulated suede
Steering wheel material	Leather/genuine wood	Leather	Leather/genuine wood

## Entertainment Features

Radio	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite
CD	Single	Single	None
Remote CD	None	Compatible	Compatible
CD-MP3 decoder	Yes	Yes	None
External digital memory control	Yes	Yes	Yes
Steering wheel audio controls	Yes	Yes	Yes
Rear seat audio controls	Multi-source	None	None
Radio data system	Yes	Yes	Yes
Voice activated audio control	Siri Eyes Free	Yes	Yes
Speakers	23	16	13
Speed sensitive volume	Yes	Yes	Yes
Entertainment system	With Blu-ray and digital media	With DVD and digital media	With DVD and digital media
Integrated navigation system	With voice activation	With voice activation	With voice activation
1st row LCD monitor	2	2	2
2nd row LCD monitor	2	3	2
Wireless phone connectivity	Bluetooth	Bluetooth	Bluetooth

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
<b>Lighting, Visibility and Instrumentation</b>			
Dome light	Fade	Fade	Fade
Door curb/courtesy lights	4	4	4
Illuminated entry	Yes	Yes	Yes
Front reading lights	Yes	Yes	Xenon
Rear reading lights	Yes	Yes	Yes
Illuminated glove box	Yes	Yes	Yes
Windshield wipers	Variable intermittent	Variable intermittent	Variable intermittent
Rain detecting wipers	Yes	Yes	Yes
Window tint	Light	Light	Light
Instrumentation display	Digital/analog	Digital/analog	Digital
Tachometer	None	Yes	Yes
Engine temperature gauge	Yes	Yes	Yes
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	In-dash	Analog
Compass	Yes	None	Yes
Trip computer	Yes	Yes	Yes
Blind spot	Blind Spot Monitor warning	Blind Spot Detection warning	Blind Spot Assist warning
Parking sensors	Intuitive Park Assist front and rear	Parking Assistant Plus automated	Active Parking Assist automated

## Specifications

### Specs and Dimensions

Engine litres (L)	3.5	4.4	4
Cylinder configuration	V-6	V-8	V-8
Horsepower (hp)	295 @ 6,600RPM	523 @ 5,500RPM	463 @ 525RPM
Torque (lb.-ft.)	257 @ 4,900RPM	553 @ 1,800RPM	516 @ 2,000RPM
Hybrid system net power output (hp)	354	N/A	N/A
Battery pack	650V lithium ion	N/A	N/A
Fuel economy - city (L/100 km / mpg)	10.3/27.4	14.5/19.5	13.5/20.9

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Fuel economy - highway (L/100 km / mpg)	7.7/36.7	9.9/28.5	8.6/32.8
Fuel economy - combined (L/100 km / mpg)	9.1/31	12.4/22.8	11.3/25
Fuel tank (L)	84	78	78.5
Curb weight (kg)	2,380	2,142	2,200
Gross vehicle weight rating (GVWR) (kg)	2,820	2,675	2,805
Payload (kg)	N/A	411	680
Exterior length (mm)	5,235	5,268	5,255
Exterior body width (mm)	1,900	1,902	1,930
Exterior body height (mm)	1,460	1,491	1,494
Wheelbase (mm)	3,125	3,210	3,165
Front track (mm)	1,635	1,621	1,600
Rear track (mm)	1,635	1,622	1,605
Turning radius (m)	N/A	6.6	6.2
Interior cargo volume (L)	430	515	530
Maximum interior cargo volume (L)	430	515	530
Front legroom (mm)	1,041	1,051	1,064
Rear legroom (mm)	989	1,128	1,074
Front headroom (mm)	947	1,013	1,069
Rear headroom (mm)	946	989	951
Front hiproom (mm)	1,410.2	N/A	N/A
Rear hiproom (mm)	1,398.8	N/A	N/A
Front shoulder room (mm)	1,493	1,503	1,554
Rear shoulder room (mm)	1,434	1,466	1,561
Passenger volume (L)	2,815	N/A	N/A

## 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

	2020 LS 500h	2020 BMW 750	2020 Mercedes-Benz S-Class
Side impact beams	Yes	Yes	Yes
Height adjustable seatbelts	Power front	None	Front
Seatbelt pre-tensioners	Front and rear	Front and rear	Front and rear
ABS	4-wheel	4-wheel	4-wheel
Brake assist	Predictive	Yes	COLLISION PREVENTION ASSIST PLUS predictive
Traction control	ABS and driveline	ABS and driveline	ABS and driveline
Electronic stability	Stability control	DSC	ESP w/Crosswind Assist
Blind spot	Blind Spot Monitor warning	Blind Spot Detection warning	Blind Spot Assist warning
Forward collision	Pre-Collision System (PCS) mitigation	Frontal Collision Warning w/City Collision Mitigation mitigation	PRE-SAFE mitigation
Parking sensors	Intuitive Park Assist front and rear	Parking Assistant Plus automated	Active Parking Assist automated
Distance pacing cruise control	Dynamic Radar Cruise Control with traffic stop-go	Active Cruise Control with Stop & Go with traffic stop-go	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	144	60
Corrosion perforation distance (km)	unlimited	unlimited	unlimited
Roadside assistance months	48	48	48
Roadside assistance distance (km)	unlimited	unlimited	unlimited
Hybrid electrical components months	96	N/A	N/A
Hybrid electrical components distance (km)	160,000	N/A	N/A

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