

# Vehicle Comparison

December 13, 2018



2019 LS 500H

2019 Mercedes-Benz  
S-Class Base 4dr  
AWD 4MATIC LWB  
Sedan

2018 BMW 740Le  
xDrive 4dr AWD  
Sedan

## Comparably Equipped Pricing

MSRP	\$134,200	\$126,300	\$110,400
Destination Fee	\$2,075	\$2,075	\$1,135
Added Equipment	\$0	\$19,050 <sup>[1]</sup>	\$24,700 <sup>[2]</sup>
Comparably Equipped Price	\$136,275	\$147,425	\$136,235
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 (\$5,900); Premium Package (\$6,100); Windshield Heater (\$650); Head-Up Display (\$1,500)
2. Comparably Equipped by adding the following: Executive Package (\$6,500); Executive Lounge Tier 2 (\$10,000); Wheels: 21 x 8.5 Fr & 21 x 10 Rr (Style 629) (\$3,000); Headlight Washers (\$300); Bowers & Wilkins Diamond Surround Sound System (\$4,900)

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
<b>Lexus Advantages</b>			
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 control	16	14	12
Rear seat audio controls	Multi-source	None	None
Speakers	23	13	16
	With Blu-ray and digital		With DVD and digital

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
Entertainment system	media	None	media
Height adjustable seatbelts	Power front	Front	None
Hybrid system net power output (hp)	354	N/A	322
Battery pack	650V lithium ion	N/A	351V lithium ion
Fuel economy - highway (L/100 km / mpg)	7.7/36.7	N/A	8/35.3
Fuel tank (L)	84	78.5	46
Curb weight (kg)	2,370	2,200	2,000
Gross vehicle weight rating (GVWR) (kg)	2,820	2,805	2,655
Front track (mm)	1,635	1,600	1,617
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

## Mechanical

### Powertrain

Hybrid/Electric	Full	None	Full plug-in
Engine litres (L)	3.5	4	2
Cylinder configuration	V-6	V-8	I-4
Valvetrain	DOHC	DOHC	DOHC
Compressor	None	Twin turbo	Intercooled turbo
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Drive type	All-wheel drive	4MATIC all-wheel drive	All-wheel drive
Transmission	4-speed automatic/CVT	9-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

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
Tires	P245/45VR20 BSW run flat AS	P245/45HR19 BSW run flat AS	P245/35YR21 BSW run flat performance
Rear tires if different from front	none	P275/40HR19 BSW run flat AS	P275/30YR21 BSW run flat performance
Wheel appearance	Silver	Machined	Machined w/painted accents
Wheel material	Forged aluminum	Aluminum	Aluminum
Wheel diameter	20"	19"	21"
Wheel width	8"	8.5"	8.5"

## Fuel Economy

### Fuel Economy

Fuel economy - city (L/100 km / mpg)	10.3/27.4	N/A	9.5/29.7
Fuel economy - highway (L/100 km / mpg)	7.7/36.7	N/A	8/35.3
Fuel economy - combined (L/100 km / mpg)	9.1/31	N/A	8.8/32.1
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded
Fuel tank (L)	84	78	46

## Entertainment

### Entertainment Features

Radio	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite
CD	Single	None	Single
Remote CD	None	Compatible	Compatible
CD-MP3 decoder	Yes	None	Yes
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	LINGUATRONIC	Yes
Speakers	23	13	16
Speed sensitive volume	Yes	Yes	Yes
Entertainment system	With Blu-ray and digital media	None	With DVD and digital media
		COMAND with voice	

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
Integrated navigation system	With voice activation	activation	With voice activation
1st row LCD monitor	2	2	2
2nd row LCD monitor	2	N/A	3
Wireless phone connectivity	Bluetooth	Bluetooth	Bluetooth

## Exterior

### Lighting

Headlight beam	LED low/high beam	LED low/high beam	Bi-xenon high intensity low/high beam
Exterior light control	Fully automatic	Programmable	Fully automatic
Delay-off headlamps	Yes	Yes	Yes
Daytime running lights	LED	LED	LED
Front fog lights	None	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	Metal-look w/chrome surround	Chrome	Chrome
Door count	4	4	4
Rear cargo door	Power open and close trunk	EASY-PACK 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	Panoramic 1st row	1st row
Sunroof activation	Express open/close	Express open/close	Express open/close
Sunroof type	Glass	Glass	Glass

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le	
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

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le	
Air conditioning	Climate Concierge 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	
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	Smart device	None	
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	1	None	
Remote engine start	None	Smart device	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	Dynamic Radar Cruise Control with traffic stop-go	Active Distance Assist DISTRONIC with traffic stop-go	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	

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le	
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	4	
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	12	
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	
Front passenger seat - cushion extension	Power	Power	Power	
Front passenger seat - seatback side bolster support	Power	Power	None	
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	Bench	Split-bench	
Rear heated seats	Yes	Yes	Yes	

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
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	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	DINAMICA simulated suede	Alcantara simulated suede
Steering wheel material	Leather/genuine wood	Leather/genuine wood	Leather

### Entertainment Features

Radio	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite	SiriusXM AM/FM/HD /Satellite
CD	Single	None	Single
Remote CD	None	Compatible	Compatible
CD-MP3 decoder	Yes	None	Yes
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	LINGUATRONIC	Yes
Speakers	23	13	16
Speed sensitive volume	Yes	Yes	Yes
Entertainment system	With Blu-ray and digital media	None	With DVD and digital media
Integrated navigation system	With voice activation	COMAND with voice activation	With voice activation
1st row LCD monitor	2	2	2
2nd row LCD monitor	2	N/A	3
Wireless phone connectivity	Bluetooth	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	Xenon	Yes
Rear reading lights	Yes	Yes	Yes
Illuminated glove box	Yes	Yes	Yes

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
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/analog
Tachometer	None	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	Blind Spot Monitor warning	Blind Spot Assist warning	Warning
Parking sensors	Intuitive Park Assist front and rear	Active Parking Assist automated	Front and rear

## Specifications

### Specs and Dimensions

Engine litres (L)	3.5	4	2
Cylinder configuration	V-6	V-8	I-4
Horsepower (hp)	295 @ 6,600RPM	463 @ 525RPM	255 @ 5,000RPM
Torque (lb.-ft.)	257 @ 4,900RPM	516 @ 2,000RPM	295 @ 1,550RPM
Hybrid system net power output (hp)	354	N/A	322
Battery pack	650V lithium ion	N/A	351V lithium ion
Fuel economy - city (L/100 km / mpg)	10.3/27.4	N/A	9.5/29.7
Fuel economy - highway (L/100 km / mpg)	7.7/36.7	N/A	8/35.3
Fuel economy - combined (L/100 km / mpg)	9.1/31	N/A	8.8/32.1
Fuel tank (L)	84	78.5	46
Curb weight (kg)	2,370	2,200	2,000
Gross vehicle weight rating (GVWR) (kg)	2,820	2,805	2,655
Payload (kg)	N/A	680	655



	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le
Exterior length (mm)	5,235	5,255	5,248
Exterior body width (mm)	1,900	1,930	1,902
Exterior body height (mm)	1,460	1,494	1,479
Wheelbase (mm)	3,125	3,165	3,210
Front track (mm)	1,635	1,600	1,617
Rear track (mm)	1,635	1,605	1,646
Turning radius (m)	N/A	6.2	6.4
Interior cargo volume (L)	430	530	420
Maximum interior cargo volume (L)	430	530	420
Front legroom (mm)	1,041.3	1,064	1,051
Rear legroom (mm)	989.2	1,074	1,128
Front headroom (mm)	947.8	1,069	1,013
Rear headroom (mm)	946.3	951	989
Front hiproom (mm)	1,410.2	N/A	N/A
Rear hiproom (mm)	1,398.8	N/A	N/A
Front shoulder room (mm)	1,493.2	1,554	1,503
Rear shoulder room (mm)	1,433.7	1,561	1,466
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
Side impact beams	Yes	Yes	Yes
Height adjustable seatbelts	Power front	Front	None
Seatbelt pre-tensioners	Front and rear	Front and rear	Front and rear
ABS	4-wheel	4-wheel	4-wheel
Brake assist	Predictive	COLLISION PREVENTION ASSIST PLUS predictive	Yes
Traction control	ABS and driveline	ABS and driveline	ABS and driveline
Electronic stability	Stability control	Crosswind Assist	DSC III

	2019 LS 500H	2019 Mercedes-Benz S-Class	2018 BMW 740Le	
Blind spot sensor	Blind Spot Monitor warning	Blind Spot Assist warning	Warning	
Forward collision	Pre-Collision System (PCS) mitigation	COLLISION PREVENTION ASSIST PLUS mitigation	Warning	
Parking sensors	Intuitive Park Assist front and rear	Active Parking Assist automated	Front and rear	
Distance pacing cruise control	Dynamic Radar Cruise Control with traffic stop-go	Active Distance Assist DISTRONIC 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	60	144	
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	96	
Hybrid electrical components distance (km)	160,000	N/A	160,000	

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