

# 2022 SL Roadster Order Guide



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# General Information

## Important Note

The information presented in this guide is based on the most current information available and is intended for internal use only. Mercedes-Benz reserves the right to make changes at any time, without notice, to colors, materials, equipment, special specifications and models.

Pricing may not yet be finalized for some models or options.

Due to variances among monitors and printers the colors that appear on your screen and printouts may not be exact.

For illustrative purposes, some images may show vehicles with European Specification.

## Revision History

Date	Description
10/28/2021	Initial publication (Draft)

# What's New Everything.

# Models



## ***SL55R4 (232.480)***

- MSRP: TBD
- Transmission: AMG SPEEDSHIFT MCT 9G (9 speed)
- Acceleration 0-60 mph (sec): 3.8 (est.)
- Engine Configuration: Handcrafted AMG 4.0L V8 biturbo
- Power (hp): 469 hp @ 5,500 - 6,500
- Torque (lb-ft): 516 lb-ft @ 2,250 - 4,500
- Launch Date: 1st half, 2022



## ***SL63R4 (232.481)***

- MSRP: TBD
- Transmission: AMG SPEEDSHIFT MCT 9G (9 speed)
- Acceleration 0-60 mph (sec): 3.5 (est.)
- Engine Configuration: Handcrafted AMG 4.0L V8 biturbo
- Power (hp): 577 hp @ 5,500 - 6,500
- Torque (lb-ft): 577 lb-ft @ 2,500 - 5,000
- Launch Date: 1st half, 2022



# Standard Equipment

SL55R4



## Performance & Handling

- Handcrafted AMG 4.0L V8 Biturbo engine
- AMG Performance 4MATIC+
- Rear Axle Steering
- AMG DYNAMIC SELECT
- AMG Performance Steering Wheel w/ Shift Paddles
- AMG Red Brake Calipers
- AMG SPEEDSHIFT MCT 9-speed Transmission
- AMG RIDE CONTROL suspension
- 20" AMG Wheels
- Rear Spoiler
- AMG Performance Exhaust
- U88 AMG Drive Unit Steering Wheel Buttons

## Comfort & Convenience

- 12.3” Widescreen Instrument Cluster
- MBUX Infotainment and Navigation System
- Burmester® Surround Sound System
- SiriusXM® Radio All-Access w/ Trial Period
- Smartphone integration with Apple CarPlay™ & Android Auto
- Electric soft top
- Heated and ventilated front seats
- KEYLESS-START
- Electronic Trunk Closer
- Mercedes me connect
- Garage door opener
- 443 Heated Steering Wheel
- 11.9" Central Media Display
- "Hey Mercedes" Voice Control
- Bluetooth® connectivity
- Inductive Wireless Charging w/ NFC Pairing
- LED Headlamps and Taillamps
- Power front seats w/ 3-position memory and 4-way power driver’s lumbar support
- Power Folding Mirrors
- KEYLESS-GO w/ HANDS-FREE ACCESS
- Power Tailgate
- AMG Illuminated Door Sills
- Rear Window Sunshade

## Safety & Security

- Surround-View Camera
- ATTENTION ASSIST®
- PRE-SAFE®
- LED Headlamps, Daytime Running Lights and Taillamps
- PRE-SAFE Sound
- Blind Spot Assist
- Active Brake Assist
- Car-to-X Communication
- Adaptive Highbeam Assist
- Crosswind Assist
- Tire pressure monitoring system
- Active Parking Assist

Performance & Handling	
<ul style="list-style-type: none"><li>Handcrafted AMG 4.0L V8 Biturbo engine</li><li>AMG Performance 4MATIC+</li><li>Rear Axle Steering</li><li>AMG DYNAMIC SELECT</li><li>Rear Spoiler</li><li>AMG Performance Exhaust</li><li>AMG Yellow Brake Calipers</li></ul>	<ul style="list-style-type: none"><li>AMG SPEEDSHIFT MCT 9-speed Transmission</li><li>AMG ACTIVE RIDE CONTROL suspension</li><li>20" AMG Wheels</li><li>Electronic Rear Limited-Slip Rear Differential</li><li>AMG Performance Steering Wheel w/ Shift Paddles</li><li>AMG Track Pace</li><li>U88 AMG Drive Unit Steering Wheel Buttons</li></ul>
Comfort & Convenience	
<ul style="list-style-type: none"><li>12.3” Widescreen Instrument Cluster</li><li>MBUX Infotainment and Navigation System</li><li>Burmester® Surround Sound System</li><li>SiriusXM® Radio All-Access w/ Trial Period</li><li>Smartphone integration with Apple CarPlay™ &amp; Android Auto</li><li>Electric soft top</li><li>Heated and ventilated front seats</li><li>KEYLESS-START</li><li>Electronic Trunk Closer</li><li>Mercedes me connect</li><li>Garage door opener</li><li>443 Heated Steering Wheel</li></ul>	<ul style="list-style-type: none"><li>11.9" Central Media Display</li><li>"Hey Mercedes" Voice Control</li><li>Bluetooth® connectivity</li><li>Inductive Wireless Charging w/ NFC Pairing</li><li>LED Headlamps and Taillamps</li><li>Power front seats w/ 3-position memory and 4-way power driver’s lumbar support</li><li>Power Folding Mirrors</li><li>KEYLESS-GO w/ HANDS-FREE ACCESS</li><li>Power Tailgate</li><li>AMG Illuminated Door Sills</li><li>Rear Window Sunshade</li></ul>
Safety & Security	
<ul style="list-style-type: none"><li>Surround-View Camera</li><li>ATTENTION ASSIST®</li><li>Crosswind Assist</li><li>Adaptive Highbeam Assist</li><li>PRE-SAFE Sound</li><li>Blind Spot Assist</li></ul>	<ul style="list-style-type: none"><li>Active Brake Assist</li><li>Car-to-X Communication</li><li>LED Headlamps, Daytime Running Lights and Taillamps</li><li>PRE-SAFE®</li><li>Tire pressure monitoring system</li><li>Active Parking Assist</li></ul>

# Paint

## Non-Metallic Paints



914 - Sun Yellow

## Metallic Paints



197 - Obsidian Black



922 - Cirrus Silver



992 - Selenite Grey



970 - Starling Blue

## MANUFAKTUR Paints



054 - Monza Grey Magno



593 - Starling Blue Magno



659 - Moonlight White Magno



885 - Moonlight White Metallic



888 - Hyper Blue Metallic



956 - Alpine Grey  
Non-metallic



993 - Patagonia Red Metallic

## Soft Top Colors



740 - Black



747 - Red

<i>Code</i>	<i>Description</i>	<i>Availability</i>	<i>Price</i>
914	Sun Yellow	All Models	\$0
197	Obsidian Black	All Models	
922	Cirrus Silver	All Models	
992	Selenite Grey	All Models	
970	Starling Blue	All Models	
054	Monza Grey Magno	All Models	
593	Starling Blue Magno	All Models	
659	Moonlight White Magno	All Models	
885	Moonlight White Metallic	All Models	
888	Hyper Blue Metallic	All Models	
956	Alpine Grey Non-metallic	All Models	
993	Patagonia Red Metallic	All Models	
740	Black	All Models	\$0
747	Red	All Models	



# Wheels



**RRR - 20" AMG Twin 5 Spoke**  
20"  
B51; R01  
20" AMG Twin 5 Spoke  
265/40 R20 on 9.5J x 20 ET53.5 (Front);  
295/35 R20 on 11J x 20 ET63 (Rear)

**RVM - 20" AMG Aero 10-Spoke**  
20"  
B51; R01  
20" AMG Aero 10-Spoke  
265/40 R20 on 9.5J x 20 ET53.5 (Front);  
295/35 R20 on 11J x 20 ET63 (Rear)

**RWF - 21" AMG 10-Spoke Y-Design, Silver**  
21"  
B51; R01  
21" AMG 10-Spoke Y-Design, Silver  
275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)

**RWG - 21" AMG 10-Spoke Y-Design, Black**  
21"  
B51; R01  
21" AMG 10-Spoke Y-Design, Black  
275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)



**RWD - 21" AMG Forged Cross-Spoke, Silver**  
On SL55, only available w/ Performance Trim Line  
21"  
B51; R01  
21" AMG Forged Cross-Spoke, Silver  
275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)

**RWE - 21" AMG Forged Cross-Spoke, Black**  
On SL55, only available w/ Performance Trim Line  
21"  
B51; R01  
21" AMG Forged Cross-Spoke, Black  
275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)

<i>Code</i>	<i>Wheel Size</i>	<i>Description</i>	<i>Wheel Dimensions</i>	<i>Mobility</i>	<i>Availability</i>	<i>MSRP</i>
RRR	20"	20" AMG Twin 5 Spoke	265/40 R20 on 9.5J x 20 ET53.5 (Front); 295/35 R20 on 11J x 20 ET63 (Rear)	B51; R01	All Models	
RVM	20"	20" AMG Aero 10-Spoke	265/40 R20 on 9.5J x 20 ET53.5 (Front); 295/35 R20 on 11J x 20 ET63 (Rear)	B51; R01	All Models	
RWF	21"	21" AMG 10-Spoke Y-Design, Silver	275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)	B51; R01	All Models	
RWG	21"	21" AMG 10-Spoke Y-Design, Black	275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)	B51; R01	All Models	
RWD	21"	21" AMG Forged Cross-Spoke, Silver On SL55, only available w/ Performance Trim Line	275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)	B51; R01	All Models	
RWE	21"	21" AMG Forged Cross-Spoke, Black On SL55, only available w/ Performance Trim Line	275/35 R21 on 9.5J x 21 ET56 (Front); 305/30 R21 on 11J x 21 ET67 (Rear)	B51; R01	All Models	

# Upholstery

## Nappa Leather



### 801 - Black Nappa Leather

Possible to upgrade headliner to Black Microfiber (61U) or Grey Microfiber (69U)



### 804 - Black / Sienna Brown Nappa Leather

Optional AMG Performance Seats (555) shown

Possible to upgrade headliner to Black Microfiber (61U) or Grey Microfiber (69U)



### 807 - Black / Red Pepper Nappa Leather

Optional AMG Performance Seats (555) shown

Possible to upgrade headliner to Black Microfiber (61U) or Grey Microfiber (69U)



### 808 - Black / Sage Grey Nappa Leather

Optional AMG Performance Seats (555) shown

Possible to upgrade headliner to Black Microfiber (61U) or Grey Microfiber (69U)



### 824 - STYLE Exclusive Black / Tartufo Brown Nappa Leather

Optional AMG Performance Seats (555) shown



### 835 - STYLE Exclusive Titan Grey / Macchiato Beige Nappa Leather



### 701 - Black Exclusive Nappa Leather / Microfiber w/ Yellow Contrast Stitching

Requires AMG Performance Seats (555). Omits standard Heated and Ventilated Front Seats (Only heated seats possible)



### 711 - Black Exclusive Nappa Leather / Microfiber w/ Red Contrast Stitching

Requires AMG Performance Seats (555). Omits standard Heated and Ventilated Front Seats (Only heated seats possible)



<i>Code</i>	<i>Description</i>	<i>Availability</i>	<i>Price</i>
801	Black Nappa Leather	All Models	
804	Black / Sienna Brown Nappa Leather Optional AMG Performance Seats (555) shown	All Models	
807	Black / Red Pepper Nappa Leather Optional AMG Performance Seats (555) shown	All Models	
808	Black / Sage Grey Nappa Leather Optional AMG Performance Seats (555) shown	All Models	
824	STYLE Exclusive Black / Tartufo Brown Nappa Leather Optional AMG Performance Seats (555) shown	All Models	
835	STYLE Exclusive Titan Grey / Macchiato Beige Nappa Leather	All Models	
701	Black Exclusive Nappa Leather / Microfiber w/ Yellow Contrast Stitching	SL63R4	
711	Black Exclusive Nappa Leather / Microfiber w/ Red Contrast Stitching	SL63R4	

<i>Code</i>	<i>Upholstery</i>	<i>Seats</i>	<i>Floor Mats</i>	<i>Upper Dash/Lower Dash</i>	<i>Seat Belts</i>	<i>Steering Wheel</i>	<i>Headliner</i>
801	Black Nappa Leather	Black	Black	Black	Red or Black	Black	Black
804	Black / Sienna Brown Nappa Leather Optional AMG Performance Seats (555) shown	Sienna Brown	Black		Black	Black	Black
807	Black / Red Pepper Nappa Leather Optional AMG Performance Seats (555) shown	Red Pepper	Black		Black	Black	Black
808	Black / Sage Grey Nappa Leather Optional AMG Performance Seats (555) shown	Sage Grey	Black		Black	Black	Black
824	STYLE Exclusive Black / Tartufo Brown Nappa Leather Optional AMG Performance Seats (555) shown	Tartufo Brown	Black		Black	Black	Macchiato Beige or Black Microfiber
835	STYLE Exclusive Titan Grey / Macchiato Beige Nappa Leather	Macchiato Beige			Macchiato Beige or Black	Macchiato Beige	Macchiato Beige or Black Microfiber
701	Black Exclusive Nappa Leather / Microfiber w/ Yellow Contrast Stitching	Black w/ Yellow contrast stitching	Black		Yellow or Black	Black	Black Microfiber
711	Black Exclusive Nappa Leather / Microfiber w/ Red Contrast Stitching	Black w/ Red contrast stitching	Black		Red or Black	Black	Black Microfiber

# Trims



H70 - AMG Silver Shadow Trim



H73 - AMG Carbon Fiber trim



H80 - Black Piano Lacquer trim



H94 - Dark Shadow Trim

<i>Code</i>	<i>Description</i>	<i>Availability</i>	<i>Price</i>
H70	AMG Silver Shadow Trim	All Models	\$0
H73	AMG Carbon Fiber trim	All Models	
H80	Black Piano Lacquer trim	All Models	
H94	Dark Shadow Trim	All Models	



# Packages

<i>Code</i>	<i>Packages</i>	<i>Availability</i>	<i>MSRP</i>
SL55 DY1	Touring Trim Line Includes Standard Equipment. Highlights include: <ul style="list-style-type: none"><li>■ AMG Light Display</li><li>■ Burmester Stereo</li><li>■ Active Multicontour Seats w/ Massage</li><li>■ AMG DRIVE UNIT Steering Wheel Buttons</li><li>■ Active LED Headlights</li><li>■ 11.9" Center Display</li><li>■ Surround View Camera</li><li>■ Illuminated Doorsills</li><li>■ Hands-Free Access</li><li>■ Heated Steering Wheel</li></ul>	SL55R4	
SL55 DY2	Performance Trim Line Includes contents of Touring Trim Line, plus: <ul style="list-style-type: none"><li>■ AMG ACTIVE RIDE CONTROL suspension</li><li>■ Front axle lift system</li><li>■ AMG Track Pace MBUX App</li><li>■ AMG Dynamic Plus Package</li><li>■ Night Package</li></ul>	SL55R4	
DA2	Driver Assistance Pkg. <ul style="list-style-type: none"><li>■ 243 - Factory Code</li><li>■ 546 - Factory Code</li><li>■ P20 - Driver Assistance Pkg. Code</li><li>■ K33 - Extended Restart in Stop and Go Traffic</li><li>■ 233 - DISTRONIC Plus</li><li>■ 266 - DISTRONIC PLUS with Steering Assist</li><li>■ K32 - Factory Code</li><li>■ K34 - Route-Based Speed Adjustment</li></ul>	All Models	
SL63 DY1	Touring Trim Line Includes Standard Equipment. Highlights include: <ul style="list-style-type: none"><li>■ Illuminated Doorsills</li><li>■ AMG DRIVE UNIT Steering Wheel Buttons</li><li>■ AMG Track Pace MBUX App</li><li>■ Burmester Stereo</li><li>■ Head-Up Display</li><li>■ Augmented Video for Navigation</li><li>■ Active LED Headlights</li><li>■ Active Multicontour Seats w/ Massage</li><li>■ Heated Steering Wheel</li><li>■ Surround View Camera</li><li>■ AMG Light Display</li><li>■ Hands-Free Access</li><li>■ 11.9" Center Display</li></ul>	SL63R4	
SL63 DY2	Performance Trim Line Includes contents of Touring Trim Line, plus: <ul style="list-style-type: none"><li>■ Front Axle Lift System</li><li>■ AMG Track Pace MBUX App</li><li>■ AMG ACTIVE RIDE CONTROL suspension</li><li>■ Front axle lift system</li><li>■ AMG Dynamic Plus Package</li><li>■ Night Package</li><li>■ AMG Performance Seats w/ Additional Adjustability</li></ul>	SL63R4	

# Options

## Factory Options

<i>Code</i>	<i>Options</i>	<i>Availability</i>	<i>MSRP</i>
470	AMG Active Ride Control w/ Front Axle Lift Only available as a stand-alone option w/ DY1; included w/ DY2	SL55R4	
750	Exterior Chrome Package Only available with DY1	SL55R4	
P60	AMG Night Package Only available as a stand-alone option w/ DY1; included w/ DY2	SL55R4	
555	AMG Performance Seats Only w/ DY2. Omits standard Multicontour Seats w/ Massage	SL55R4	
409	Additional adjustability for AMG Performance Seats Requires AMG Performance Seats (555); Only w/ DY2. Omits standard Multicontour Seats w/ Massage	SL55R4	
PAZ	AMG Night Package 2 w/ Dark Light Pkg. Only w/ DY2	All Models	
B07	AMG Carbon Ceramic Brakes Only w/ DY2	All Models	
U19	Augmented Video	SL55R4	
77B	Gesture Control	All Models	
438	Head-Up Display	SL55R4	
C53	Indoor Car Cover	All Models	
L6J	AMG Performance Steering Wheel in Nappa Leather	All Models	
L6K	AMG Performance Steering Wheel in Nappa / Microfiber	All Models	
Y05	Red Seatbelts	All Models	
U17	Omission of Color Seatbelts	All Models	
Y06	Yellow Seatbelts	All Models	
61U	Black Microfiber Headliner	All Models	
65U	Macchiato Beige Microfiber Headliner	All Models	
69U	Grey Microfiber Headliner	All Models	
942	Cargo System for Trunk	All Models	
811	Burmester High-End 3D Surround Sound System	SL63R4	
B26	AMG Aerodynamics Pkg. Only w/ DY2	SL63R4	
773	AMG Exterior Aero Pkg. Only w/ DY2	SL63R4	

## VPC Installed Options

<i>Code</i>	<i>Options</i>	<i>Availability</i>	<i>MSRP</i>
D07	Wheel Locking Bolts		
D43	All-Season Floor Mats - 4 Pack		
D49	First Aid Kit		

# Specifications

SL55R4

▼

Chassis	
Chassis and Body Construction	Aluminum space frame; intelligent material mix of aluminum, steel, magnesium and fiber composites throughout the vehicle
Vehicle Type	Two-door, 2+2 Roadster
Suspension	
Front Suspension	AMG RIDE CONTROL suspension with aluminum double wishbones, anti-squat and anti-dive control, lightweight coil springs, stabilizer and adaptive adjustable damping
Rear Suspension	AMG RIDE CONTROL suspension with aluminum double wishbones, anti-squat and anti-dive control, lightweight coil springs, stabilizer and adaptive adjustable damping
Drivetrain	
Transmission	AMG SPEEDSHIFT MCT 9G (9 speed)
Drive Configuration	AMG Performance 4MATIC+ all-wheel drive with variable torque distribution
Wheels and Tires	
Standard Wheel Size	Front: 9.5" x 20" / Rear: 11" x 20"
Standard Tire Size	Front: 265/40 ZR 20 / Rear: 295/35 ZR 20
Standard Wheel Offset (mm)	Front: ET 53.5 / Rear: ET 63
Brakes	
Front Brakes	15.4" composite brake discs, vented and perforated; 6-piston aluminum fixed caliper
Rear Brakes	14.2" composite brake discs, vented and perforated; 1-piston aluminum floating caliper
Engine	
Engine Configuration	Handcrafted AMG 4.0L V8 biturbo
Displacement (cc)	3,982
Bore (in / mm)	3.27 / 83.0
Stroke (in / mm)	3.62 / 92.0
Compression Ratio	8.6 : 1
Power (hp)	469 hp @ 5,500 - 6,500
Torque (lb-ft)	516 lb-ft @ 2,250 – 4,500
Fuel Requirement (Octane)	91
Fuel Tank Size (gallons)	18.5
Redline (rpm)	TBA
Performance	
Acceleration 0-60 mph (sec)	3.8 (est.)
Top Speed (mph)	183 (est.; electronically limited)
Fuel Economy	
City Fuel Economy (mpg)	TBA
Highway Fuel Economy (mpg)	TBA
Combined Fuel Economy (mpg)	TBA
Exterior Dimensions	
Vehicle Length (in.)	185.2
Vehicle Height (in.)	53.5
Vehicle Width w/o exterior mirrors (in.)	75.4
Wheelbase (in.)	106.3
Curb Weight (lbs)	TBA
Track Width Front/Rear (in.)	65.6 / 64.1
Interior Dimensions	
Cargo Capacity	TBA



Chassis	
Chassis and Body Construction	Aluminum space frame; intelligent material mix of aluminum, steel, magnesium and fiber composites throughout the vehicle
Vehicle Type	Two-door, 2+2 Roadster
Suspension	
Front Suspension	AMG ACTIVE RIDE CONTROL suspension with semi-active anti-roll stabilization, aluminum double wishbones, anti-dive control, coil springs and adaptive adjustable damping
Rear Suspension	AMG ACTIVE RIDE CONTROL suspension with semi-active anti-roll stabilization, aluminum double wishbones, anti-dive control, coil springs and adaptive adjustable damping
Drivetrain	
Transmission	AMG SPEEDSHIFT MCT 9G (9 speed)
Drive Configuration	AMG Performance 4MATIC+ all-wheel drive with variable torque distribution
Wheels and Tires	
Standard Wheel Size	Front: 9.5" x 20" / Rear: 11" x 20"
Standard Tire Size	Front: 265/40 ZR 20 / Rear: 295/35 ZR 20
Standard Wheel Offset (mm)	Front: ET 53.5 / Rear: ET 63
Brakes	
Front Brakes	15.4" composite brake discs, vented and perforated; 6-piston aluminum fixed caliper
Rear Brakes	14.2" composite brake discs, vented and perforated; 1-piston aluminum floating caliper
Engine	
Engine Configuration	Handcrafted AMG 4.0L V8 biturbo
Displacement (cc)	3,982
Bore (in / mm)	3.27 / 83.0
Stroke (in / mm)	3.62 / 92.0
Compression Ratio	8.6 : 1
Power (hp)	577 hp @ 5,500 - 6,500
Torque (lb-ft)	577 lb-ft @ 2,500 – 5,000
Fuel Requirement (Octane)	91
Fuel Tank Size (gallons)	18.5
Redline (rpm)	TBA
Performance	
Acceleration 0-60 mph (sec)	3.5 (est.)
Top Speed (mph)	196 (est.; electronically limited)
Fuel Economy	
City Fuel Economy (mpg)	TBA
Highway Fuel Economy (mpg)	TBA
Combined Fuel Economy (mpg)	TBA
Exterior Dimensions	
Vehicle Length (in.)	185.2
Vehicle Height (in.)	53.3
Vehicle Width w/o exterior mirrors (in.)	75.4
Wheelbase (in.)	106.3
Curb Weight (lbs)	TBA
Track Width Front/Rear (in.)	65.4 / 64.0
Interior Dimensions	
Cargo Capacity	TBA



## Options In Detail

### Completely new bodyshell



In the new SL, the intelligent material composition of aluminum, steel, magnesium and fiber composites ensures the highest possible rigidity in conjunction with low weight. Optimized material cross-sections and sophisticated component shaping create space for the exceptional comfort and safety features, the sophisticated technology and the soft top. Other specific measures include aluminum thrust panels on the underbody and function-integrated struts at the front and rear. The instrument panel support bridge made of magnesium, along with part of the front module cover bridge in a fiber composite material with a mixture of glass fibers and carbon, also demonstrate the engineers' efforts to achieve the best possible, customized use of the most diverse materials. This also applies to the windscreen frame made of high-strength, hot-formed tubular steel. This, in conjunction with a system behind the rear seats that extends at lightning speed if necessary, serves as rollover protection.

Compared to the previous model series, the torsional stiffness of the bodyshell structure increased by 18 percent. The transverse rigidity is 50 percent higher than that of the AMG GT Roadster, while the longitudinal rigidity is 40 percent higher. The improved introduction rigidity for the chassis connection ensures sporty driving performance with precise handling and high agility. The weight of the pure bodyshell without doors, hood and trunk lid, as well as without add-on assembly parts, is around 595 lbs.

The entire vehicle concept is designed towards the lowest possible center of gravity. This applies both to the low connection points for the powertrain and axles and to the lowest possible arrangement of the rigidity- relevant bodyshell structure. Examples of this are the connections between the front and rear sections and the passenger safety cell, with their high flexural strength and torque rigidity, systematically realized via force paths that are as low as possible.

### Handcrafted AMG 4.0L V8 Biturbo Engine



For use in the SL, the internally named M 177 engine received a new oil pan, repositioned intercoolers and active crankcase ventilation. The intake and exhaust ducts have been optimized for even more effective gas exchange and the exhaust gas routing for the catalytic converter box and petrol particulate filter has been enlarged. The developers achieved the increased output of the SL 63 primarily through higher boost pressure and greater air flow, as well as modified engine software. To sum up, the eight-cylinder engine thrills with its exceptional power delivery and powerful acceleration in all engine speed ranges combined with maximum efficiency for low consumption and emission values.

In the top model SL 63, the engine develops 577 hp and provides a maximum torque of 590 lb-ft over a wide rev range from 2,500 to 4,500 rpm. The roadster's top engine thus conveys effortless superiority in every rev range. The acceleration from 0 to 60 mph in an estimated 3.5 seconds illustrates this. In the Mercedes-AMG SL 55, the V8 engine delivers 469 hp and a peak torque of 516 lb-ft. The sprint from standstill to 60 mph takes 3.8 seconds.

### AMG SPEEDSHIFT MCT 9G transmission



The AMG SPEEDSHIFT MCT 9G transmission (MCT = Multi-Clutch Transmission) is specially adapted to the requirements of the new SL. A wet start-off clutch replaces the torque converter. It reduces weight and, thanks to its lower inertia, optimizes response to accelerator pedal commands, especially during spurts and load changes. The elaborately calibrated software ensures extremely short shift times and, if required, fast multiple downshifts and, thanks to the throttle blip function in the "Sport" and "Sport+" driving modes, delivers a particularly emotionally appealing gearshift experience. Here, defined ignition adjustments enable even faster gearshifts than in the other modes. In all modes moving off occurs in first gear in order to always guarantee a dynamic driving experience. There is also the RACE START function which ensures optimal acceleration from a standstill.

The highlights of the transmission include:

- Adaptation of the shift characteristics to the selected AMG DYNAMIC SELECT driving mode
- In manual mode "M," the transmission responds immediately and precisely to manual gearshift commands from the driver and implements the commands at lightning speed
- The temporary "M" mode allows an immediate change to manual mode "M" – merely by using the paddle shifters
- Automatic throttle blipping function when downshifting: This effect is automatically active in the "Sport", "Sport+" and "RACE" driving modes (standard on the SL 63)
- ECO start/stop function is automatically active in the "Comfort" driving mode
- The "gliding" mode can be activated in the "Individual" driving mode

### AMG Performance 4MATIC+



For the first time in its almost 70-year history, the SL is available with a drive system acting on all four wheels. The two V8 models are equipped with AMG Performance 4MATIC+ fully variable all-wheel drive as standard. This intelligent system combines the advantages of different drive concepts: the fully variable torque distribution to the front and rear axles ensures optimal traction right up to the physical limit. The driver is also able to rely on high handling stability and a high level of safety under all conditions: in the dry, in the wet or in snow. The transition from rear-wheel to all-wheel drive and vice versa takes place continuously on the basis of a sophisticated matrix that integrates the intelligent control into the entire vehicle systems architecture.

An electromechanically controlled clutch connects the permanently driven rear axle variably to the front axle. The best possible torque split is continuously computed according to the driving conditions and driver's input. This means that the new roadster can be driven continuously variably from traction-oriented all-wheel drive to pure rear-wheel drive. Alongside traction and lateral dynamics, the all-wheel drive also improves the longitudinal dynamics for even more powerful acceleration.

### Center console with adjustable touchscreen



The center console dominates the separation between driver and front passenger. Of maximum width and rising sharply towards the front, it flows into the lower section of the instrument panel. The functional and visual heart of the center console is the metallic panel that penetrates the leather surfaces at the front and rear. With the NACA air intake signature, it carries on the genes of the AMG GT and GT 4-Door Coupe. This design element thus becomes a typical AMG style element in the interior.

The NACA air intake transitions almost seamlessly into the 11.9-inch portrait-format multimedia touchscreen. To avoid disturbing light reflections caused by different sun positions when the soft top is open, the touchscreen can be electrically adjusted in its inclination from 12 degrees to 32 degrees. Its portrait format offers clear advantages, especially for navigation, as well as more leeway in terms of ergonomics. The touchscreen floats between the two central, high-quality air vents, which elegantly cite the history of the SL, as a digital contrast to emotive design elements.

### Soft Top



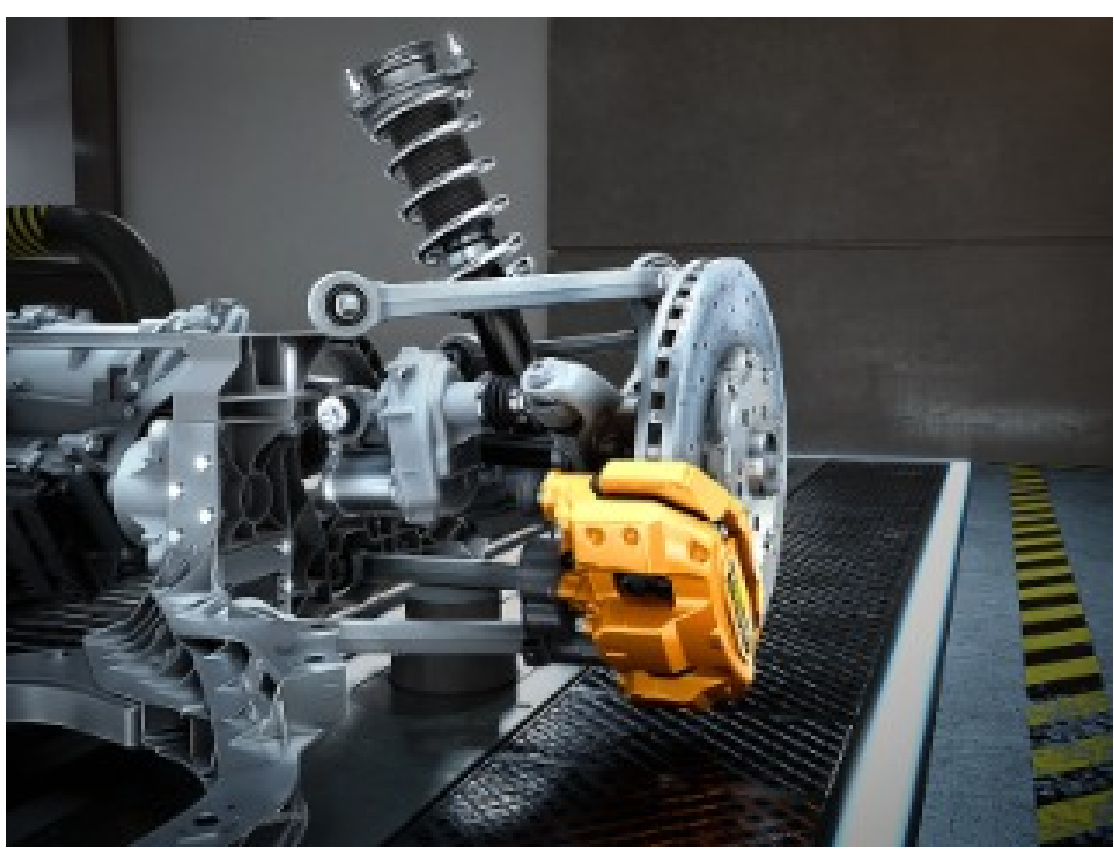
The sporty positioning of the new SL also suggested the decision for an electric soft top instead of the previous metal vario-roof. The 46-pound (21-kilogram) reduction in weight and the resulting lower center of gravity have a positive effect on driving dynamics and handling. At the same time, the developers were faced with the task of maintaining the high suitability for everyday use and the exemplary noise comfort.

This is achieved by a three-layer design with a tightly stretched outer shell, a precisely crafted roof liner and the acoustic mat inserted in between. It is made of high-quality material and offers a high level of noise comfort.

The space- and weight-saving Z-fold makes it possible to dispense with a conventional soft-top compartment cover. The front roof cap ensures that the open soft top is flush with the surface in its final position. Two fully automatic linkage exit flaps to the right and left then close the gaps to the body. Each time they open and close, they perform an impressive ballet of movement. The entire process takes only about 15 seconds and is possible up to a speed of 37 mph (60 km/h). The soft top is operated using the switch panel in the center console or the multimedia touchscreen, on which an animation shows the progress of the soft top operation.

The roof spans over a weight-optimized steel-aluminum construction and contributes to the vehicle's low center of gravity with its low weight. Two integrated, round aluminum cross beams serve as additional reinforcements. The outer cover is available in black, grey or red. For a good view to the rear, the rear window made of safety glass can be heated.

### Rear-axle Steering



For the first time in its long history, the SL is equipped with active rear-axle steering as standard. Depending on the speed, the rear wheels steer either in the opposite direction (up to 62 mph, or 100 km/h) or in the same direction (faster than 62 mph, or 100 km/h) as the front wheels. The system thus enables both agile and stable handling - characteristics that are in contrast to each other without rear-axle steering. Other advantages include easier vehicle control at the limits and less steering effort because the front-wheel steering ratio is more direct.

### Active Aerodynamics



A technical highlight in the aero development: the two-piece, active air control system AIRPANEL. The first piece operates with vertical louvers hidden behind the lower air intake in the front bumper. The second piece is located behind the upper air intake and has horizontal louvers. Normally all louvers are closed. This position reduces drag and allows the air to be directed specifically towards the underbody. This further reduces front lift. Only when certain temperatures on predefined components are reached and the demand for cooling air is particularly high do the louvers open and allow maximum cooling air to flow to the heat exchangers.

Another active component is the retractable rear spoiler seamlessly integrated into the trunk lid. It changes its position depending on the driving status. In doing so, the control software takes into account numerous parameters: it factors the driving speed, the longitudinal and lateral acceleration and the steering speed into the calculation. The spoiler assumes five different angular positions from 50 mph (80 km/h) to either optimize handling stability or reduce drag.

The optional AMG Aerodynamics Package, which includes an active aerodynamic element, is hidden in the underbody in front of the engine, also contributes to the improved handling. This carbon profile, which weighs around 4.4 pounds (2 kilograms), reacts to the setting of the AMG driving modes and automatically extends downwards by around 1.6 inches (40 mm) at a speed of 50 mph (80 km/h). The AMG driving modes are then activated. This creates the Venturi effect, which sucks the car additionally to the road surface and reduces front-axle lift. The driver feels this positively in the steering: the SL can be steered even more precisely into bends and tracks even more stably.



# Gallery

All

Exterior

Interior

