



What's New for MY2013 ML-Class (W166)

What's New for MY13

Models Available

- ML 350 4MATIC – SoP Mid-June 2012
- ML 350 BlueTEC 4MATIC – SoP Mid-June 2012
- ML 550 4MATIC – SoP Mid-June 2012
- ML 63 AMG – SoP Mid-June 2012

Change Highlights

- Collision Prevention Assist standard for all models
- mbrace standard for all models
- Digital operator's manual in COMAND
- Colour instrument cluster display standard for all models and new modern colour scheme for all headunits



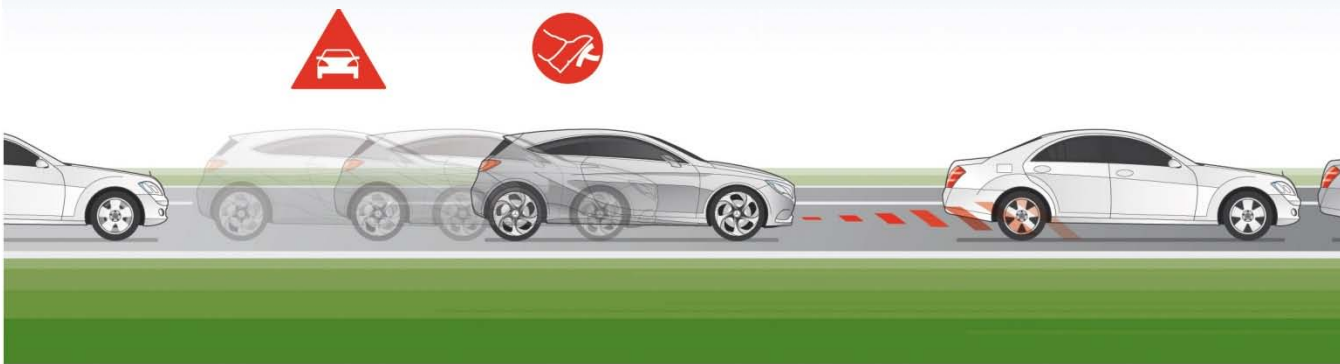
- Bang & Olufsen Performance Surround Sound available for V8 models
 - Total power output: 1200 Watt
 - ICEpower amplifier (750 Watt)
 - 16-Channel Digital Signal Processor (DSP) (450 Watt)
 - 14 High-end loudspeakers
 - Two tweeters in “Acoustic Lens Technology” with LED illumination in mirror triangle
 - Aluminum loudspeaker grille for mid-range woofer in front doors and subwoofer in rear compartment
 - B&O specific drop-down-menu for True Image individual sound

Innovation: Collision Prevention Assist

Standard on all models

Visual and acoustic warnings of an imminent rear-end collision

Adaptive brake boosting and activation of PRE-SAFE before an imminent accident, when the driver applies the brake



- Collision Prevention Assist goes unnoticed as long as there is no threat of danger from the immediate driving situation
- The system continually monitors the driving situation at speeds of 30 to 250 km/h
- If the system identifies the threat of a rear-end collision, visual and acoustic warnings alert the driver
- As soon as the brake is depressed, the Adaptive Brake Assist system integrated into Collision Prevention Assist can boost the brake pressure to prevent the accident
- The system ensures that the available braking distance is used to maximum effect

ML 350/550 4MATIC



Standard Equipment Highlights

Mechanical

- 4th Generation 4MATIC Permanent AWD with 50:50 torque split
- 7G-TRONIC PLUS Transmission
- Electromechanical Power Steering (EPS)

Exterior

- AMG Styling Package
- LED Daytime Running Lights and LED Tail lamps
- Cross-Drilled Brake Rotors with Mercedes-Benz Logos on Calipers
- Sliding Glass Sunroof and Privacy Glass
- Power Folding Exterior Mirrors

Interior

- Steering Wheel Shift Paddles
- Memory Package with Power Steering Column and Power Lumbar Support
- Ambient Lighting with 3 Colour Settings
- Front Illuminated Door Sills
- Bluetooth and MP3 Integration
- SIRIUS Satellite Radio

ML 350 4MATIC

Option Packages & Highlights

PREMIUM PACKAGE (MPP)

- Rear View Camera
- PARKTRONIC with Active Parking Assist
- Panoramic Sunroof
- Media Interface
- COMAND Navigation with DVD Changer
- harman/kardon LOGIC7 Surround Sound System (14 speakers, 830W)
- Heated Rear Seats
- KEYLESS-GO
- EASY-PACK Power Tailgate

SPORT PACKAGE (MSP)

- AIRMATIC with Adaptive Damping System (ADS)
- AMG 20" 5-Spoke Wheels

LEATHER PACKAGE (MLP)

- Leather Upholstery
- ARTICO Leather Dashboard

ADVANCED DRIVING ASSISTANCE PACKAGE (MAP)

- DISTRONIC PLUS
- Active Blind Spot Assist
- Active Lane Keeping Assist

ML 350 4MATIC

Option Packages & Highlights

DRIVING ASSISTANCE PACKAGE (MDA)

- Passive Blind Spot Assist
- Passive Lane Keeping Assist

BI-XENON HEADLAMPS PACKAGE (MXW)

- Headlamp Washers
- Adaptive Highbeam Assist (AHA)
- Active Bi-Xenon Headlamps
- Lighting Package

STAND ALONE OPTIONS

- Wood/Leather Steering Wheel
- Multicontour Front Seats with Massage
- Climate Comfort Front Seats (only with MLP)
- Trailer Hitch
- Aluminum Running Boards
- Rear Seat Entertainment System
(Two 8" Screens, DVD player, 2 headphones, remote control)
- EASY-PACK Load Securing Kit
- 115v Power Socket

ML 550 4MATIC

Option Packages & Highlights

PREMIUM PACKAGE (MPP)

- Rear View Camera
- Climate Comfort Front Seats
- harman/kardon LOGIC7 Surround Sound System (14 speakers, 830W)
- Heated Rear Seats
- KEYLESS-GO
- EASY-PACK Power Tailgate
- 115V Power Socket

Driving Assistance Package (MDA)

- Passive Blind Spot Assist
- Passive Lane Keeping Assist

ADVANCED DRIVING ASSISTANCE PACKAGE (MAP)

- DISTRONIC PLUS
- Active Blind Spot Assist
- Active Lane Keeping Assist

ML 550 4MATIC

Stand Alone Options

- Wood/Leather Steering Wheel
- Multicontour Front Seats with Massage
- Trailer Hitch
- Night View Assist Plus
- 21" AMG Wheels
- Bang & Olufsen Performance Surround Sound System (1200W, 14 speakers)
- Aluminum Running Boards
- Rear Seat Entertainment System (Two 8" Screens, DVD player, 2 headphones, remote control)
- EASY-PACK Load Securing Kit
- Power Assist Door and Trunk Closure (Soft close)
- *designo* Wood/Leather Steering Wheel



EASY-PACK Load Securing Kit shown with included load securing rails and telescoping bars.

ML 63 AMG



Standard Equipment Highlights

Mechanical

- Active Curve System
- Electromechanical Power Steering (EPS)
- AIRMATIC with Adaptive Damping System
- AMG SPEEDSHIFT PLUS 7G-TRONIC
- 4MATIC Permanent AWD with AMG-specific 40:60 Torque Split
- Controlled Efficiency Start/Stop Technology

Exterior

- 21" AMG 5-Multi-Spoke Wheels
- Silver Brake Calipers with AMG Logo
- Active Bi-Xenon Headlamps
- Adaptive Highbeam Assist

Interior

- AMG Illuminated Stainless Steel Door Sills
- AMG Sports Pedals in Brushed Stainless Steel with Rubber Studs
- *designo* Leather Dashboard
- *designo* Velour Floor Mats
- 4.5" Colour Instrument Cluster Display with RACETIMER
- harman/kardon LOGIC7 Surround Sound System (14 speakers, 830W)
- Passive Blind Spot and Lane Keeping Assist

ML 63 AMG

Option Packages & Highlights

PREMIUM PACKAGE (MPP)

- Rear View Camera
- Climate Comfort Front Seats
- Heated Rear Seats
- KEYLESS-GO
- EASY-PACK Power Tailgate
- 115V Power Socket

Advanced Driving Assistance Package (MAP)

- DISTRONIC PLUS
- Active Blind Spot Assist
- Active Lane Keeping Assist

AMG Performance Package (APP)

- Adds 32 hp and 44 ft-lbs of torque
- Carbon Fibre Engine Cover
- AMG Performance Steering Wheel with DINAMICA Inserts
- Top Speed Raised to 280 km/h
- Red Brake Calipers



ML 63 AMG

Stand Alone Options

- *designo* Black DINAMICA roof liner
- Multicontour Front Seats with Massage
- Bang & Olufsen Performance Surround Sound System
(1200W, 14 speakers)
- Night View Assist Plus
- Aluminum Running Boards
- Rear Seat Entertainment System
(Two 8" Screens, DVD player, 2 headphones, remote control)
- Power Assist Door and Trunk Closure (Soft close)
- EASY-PACK Load Securing kit

ML 350/550 4MATIC

Interior Combinations



(101) Black/Black ARTICO Leather

Grey Headliner

(201) Black/Black Leather

Black Headliner



(108) Alpac Grey/Reef Grey ARTICO Leather

Grey Headliner

(258) Alpac Grey/Black Leather

Black Headliner

Leather interiors shown above.

ML 350/550 4MATIC

Interior Combinations



(105) Almond Beige/Mocha Brown ARTICO Leather

Beige Headliner

(255) Almond Beige/Black Leather

Black Headliner



(254) Tobacco Brown /Black Leather

Black Headliner

Leather interiors shown above.

ML 63 AMG

designo Nappa Leather Interior Combinations



(X11) Black/Black
designo **Leather**
Black Headliner



(X27)
Porcelain/Black
designo **Leather**
Black Headliner



(X06) Chestnut
Brown/Black
designo **Leather**
Black Headliner

M-Class

Trim Choices



(729) Anthracite Poplar Wood



(731) Burl Walnut Wood



(H09) Brown Ash Wood (Open-Pore)



(W69) *designo* Piano Black Lacquer Wood

Wheels & Tires

MY13 ML-Class

	ML 350	ML 350 BlueTEC	ML 550	ML 63 AMG
STANDARD	 <p>Code R55 19" Twin 5-Spoke 8J x 19 255/50 (front) 255/50 (rear) All-Season Tires <i>with compact spare (Code 690)</i></p>	 <p>Code R55 19" Twin 5-Spoke 8J x 19 255/50 (front) 255/50 (rear) All-Season Tires <i>with compact spare (Code 690)</i></p>	 <p>Code 758 20" 5-Spoke 8.5J x 20 265/45 (front) 265/45 (rear) All-Season Tires <i>with compact spare (Code 690)</i></p>	 <p>Code 798 21" Twin 5-Spoke 10J x 21 295/35 (front) 295/35 (rear) High Performance Tires <i>with compact spare (Code 690)</i> <i>(not recommended for winter use)</i></p>
OPTIONAL	 <p>Code 758 20" 5-Spoke Design 8.5J x 20 265/45 (front) 265/45 (rear) All-Season Tires <i>with compact spare (Code 690)</i></p>	 <p>Code 758 20" 5-Spoke Design 8.5J x 20 265/45 (front) 265/45 (rear) All-Season Tires <i>with compact spare (Code 690)</i></p>	 <p>Code 757 21" Twin 5-Spoke 9J x 21 265/40 (front) 265/40 (rear) Performance Tires <i>with compact spare (Code 690)</i> <i>(not recommended for winter use)</i></p>	<p>No Package Offer</p>

Technical Data

MY13 M-Class	ML 350 BlueTEC	ML 350 4MATIC	ML 550 4MATIC	ML 63 AMG
DIMENSIONS				
Length (mm)	4,804	4,804	4,804	4,817
Width - Excluding Mirrors (mm)	1,926	1,926	1,926	1,998
Width - Including Mirrors (mm)	2,141	2,141	2,141	2,141
Height (mm)	1,796	1,796	1,796	1,796
Wheelbase (mm)	2,915	2,915	2,915	2,915
Turning Circle (m)	11.8	11.8	11.8	11.8
Ground Clearance (mm)	202	202	-	-
with AIRMATIC (Maximum / Minimum)	-	-	255 / 180	255 / 180
Luggage Capacity (L)	690-2,010	690-2,010	690-2,010	690-2,010
Fuel Capacity (L)	93	93	93	93
WEIGHT				
Curb Weight (kg)	2,175	2,130	2,288	2,345
Maximum Gross Vehicle Weight (kg)	2,950	2,900	2,950	3,050
Maximum Payload (kg)	775	770	N/A	705
Maximum Roof Load (kg)	100	100	100	100
ENGINE				
Engine Type	24V DOHC V6	24V DOHC V6	32V DOHC V8	32V DOHC V8
Displacement (cm3)	2,987	3,498	4,663	5,461
Bore (mm)	83.00	92.90	92.90	98.00
Stroke (mm)	92.00	86.00	86.00	91.00
Horsepower (SAE @ RPM)	240 @ 3600	302 @ 6500	402 @ 5,000-5,750	518 @ 5,250-5,750
with AMG Performance Package	-	-	-	550 @ 5,250 - 5,750
Torque (lb-ft @ RPM)	455 @ 1600-2400	273 @ 3500-5250	443 @ 1,600-4,750	516 @ 1,750-5,000
with AMG Performance Package	-	-	-	560 @ 2,000 - 5,000
Compression Ratio	15.5 : 1	12.0 : 1	10.5 : 1	10.1 : 1
Fuel Type	Diesel	Premium Unleaded	Premium Unleaded	Premium Unleaded
DRIVETRAIN				
Drive Configuration	4MATIC Permanent AWD	4MATIC Permanent AWD	4MATIC Permanent AWD	4MATIC Permanent AWD
Transmission Type	7G-TRONIC Plus Automatic	7G-TRONIC Plus Automatic	7G-TRONIC Plus Automatic	AMG SPEEDSHIFT PLUS 7G-TRONIC Automatic
Gear Ratios (:1)				
1st	4.380	4.380	4.380	TBD
2nd	2.860	2.860	2.860	TBD
3rd	1.920	1.920	1.920	TBD
4th	1.370	1.370	1.370	TBD
5th	1.000	1.000	1.000	TBD
6th	0.820	0.820	0.820	TBD
7th	0.730	0.730	0.730	TBD
8th	-	-	-	-
Reverse	3.420	3.420	3.420	TBD
Final Drive Ratio	3.270	3.670	3.460	3.000
BODY/SUSPENSION				
Steering	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
Braking System	ABS with Brake Assist	ABS with Brake Assist	ABS with Brake Assist	ABS with Brake Assist
Front Brake Type / Diameter (mm)	Disc / 330	Disc / 350	Disc / 375	Disc / 390
Rear Brake Type / Diameter (mm)	Disc / 325	Disc / 330	Disc / 330	Disc / 345
Brake Disc Ventilation	front	front / rear	front & rear	front & rear
Front Suspension	Double Wishbone	Double Wishbone	AIRMATIC	AIRMATIC
Rear Suspension	Multi-link	Multi-link	AIRMATIC	AIRMATIC
Drag Coefficient	0.33	0.34	0.35	0.38
ELECTRICAL				
Battery Capacity (Amp Hours)	95	95	95	95
PERFORMANCE				
Top Speed (Electronically Limited - km/h)	210	210	210	250
Acceleration - 0-100 km/h (Seconds)	7.4	7.6	N/A	4.8
with AMG Performance Package	-	-	-	4.7