



What's New for MY2016 GLC-Class (X253)

**MBC Product Management
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What's New for MY16

Models Available:

- **GLC 300 4MATIC**– SoP October 2015

Details:

The GLC is the perfect combination of functionality and agility in a modern SUV design. With a significantly larger interior and trunk capacity of 550L to 1,600L, it is much more comfortable and functional than its predecessor.

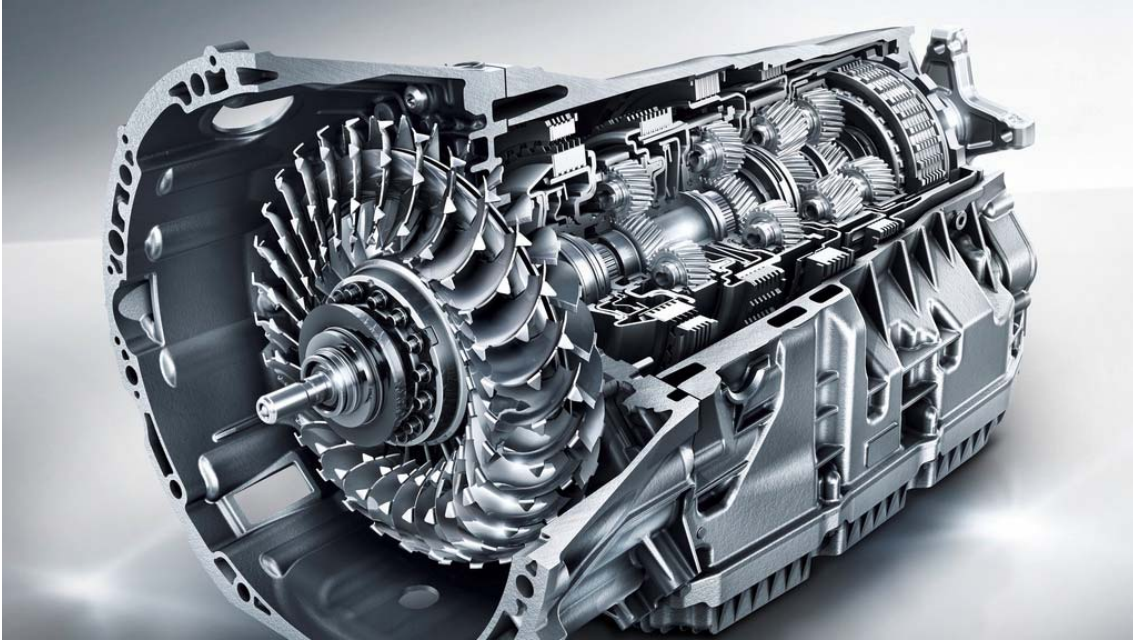
- Sporty and modern design with a host of individualization options and high-quality materials
- Noticeably changeable driving experience with on and off-road transmission modes as well as AIR BODY CONTROL air suspension with ADS available.
- Superior handling and impressive off-road capabilities due to 4MATIC all-wheel drive, and 9G-TRONIC automatic transmission.
- Innovative safety systems Intelligent Drive Package available.



Innovation:

9G TRONIC Transmission

Standard on GLC 300 4MATIC.



Featuring nine forward gears, this automatic transmission takes efficiency, comfort and dynamism to a completely new level. It is the world's first 9-speed automatic transmission with hydrodynamic torque converter in the premium segment. Its high efficiency helps to reduce fuel consumption.

- The ECO Start/Stop Function ensures that the engine is switched off at traffic lights to reduce fuel consumption even further.
- Using the ergonomic DIRECT SELECT level on the steering column, the driver is able to change the transmission mode between P, R, N and D while keeping both hands on the steering wheel.
- Faster, smoother, and more efficient gear changes resulting in improved ride comfort and lower noise levels.

Innovation:

AIR BODY CONTROL

Optional on GLC 300 4MATIC.



The air suspension system works in unison with continuously adjustable damping to ensure a very high standard of ride comfort and driving dynamics. The damping at each wheel is adapted to the current driving situations, and can be set for more comfortable or sporty characteristics as required.

- Multi-chamber air suspension combined with continuously adjustable damping to improve ride comfort and driving dynamics
- Comfortable basic suspension with low natural frequency
- “Comfort” and “Sport” settings for a more comfortable or stiffer, sportier setup
- Constant vehicle level irrespective of load thanks to pneumatic all-round self-levelling suspension
- Suspension level can be raised for poor surfaces and is automatically lowered at high speeds

Innovation: DYNAMIC SELECT Switch

Standard on GLC 300 4MATIC.



At a touch of the DYNAMIC SELECT feature, drivers can choose between comfortable, sporty, and efficient driving styles, or their own individually defined style. Parameters such as engine, transmission and steering characteristics are adjusted according to the selected drive mode.

- **Comfort:** Standard setting, well-balanced and fuel-efficient
- **Eco:** Keeps fuel consumption as low as possible. Adjustments of the output of equipment (eg. Heated seats, air conditioning)
- **Sport:** Added agility and dynamism due to direct steering characteristics curve, sporty, taut suspension tuning, spontaneous throttle response and modified shift points.
- **Sport+:** Even sportier performance, the suspension and drive system have an even more dynamic setup
- **Individual:** Individual parameters can be varied as required, using the controller and the configuration menu in the head unit

Innovation: Touchpad

Standard on GLC 300 4M.



- Touchpad approx. 65 x 45 mm in size and comfortable handrest in one single component
- Additional full-fledged input option supplementing the COMAND Controller and LINGUATRONIC
- Recognition of both single and multi-finger gestures (multitouch), wiping movements, zoom gestures made by spreading and closing the fingers, also user handwriting
- Character recognition: the user is able to enter letters, characters and figures in natural handwriting
- 3 touch-sensitive keys are located behind the touch surface with which important functions can be quickly and directly operated (Back function, switch to Favourites menu, fast audio menu).
- Using the touch surface or keys gives users clear touch feedback
- The symbols are illuminated for orientation at night

Innovation: GLC Headlamps

Halogen Headlamps (Standard for GLC 300 4MATIC)



- Halogen headlamps including integral LED daytime running lamps
- Reflection-type halogen headlamps offer high light intensity and a long service life.
- In the top segment, from inside to outside: low beam and main beam using H7 bulbs

Active LED Headlamps (Optional on GLC 300 4MATIC)



- Cornering lights to improve road illumination
- Active light function pivots headlamps into bends, enabling the driver to see much further
- Enhanced fog lamp function illuminates the outer half of the carriageway more effectively while reducing the glare due to light reflected by the fog.
- “Coming Home” function with a white locator lighting illuminates when opening and closing the vehicle via transmitter key
- Tail lights with LED technology

Innovation:

Head-Up Display

Available as a standalone option.

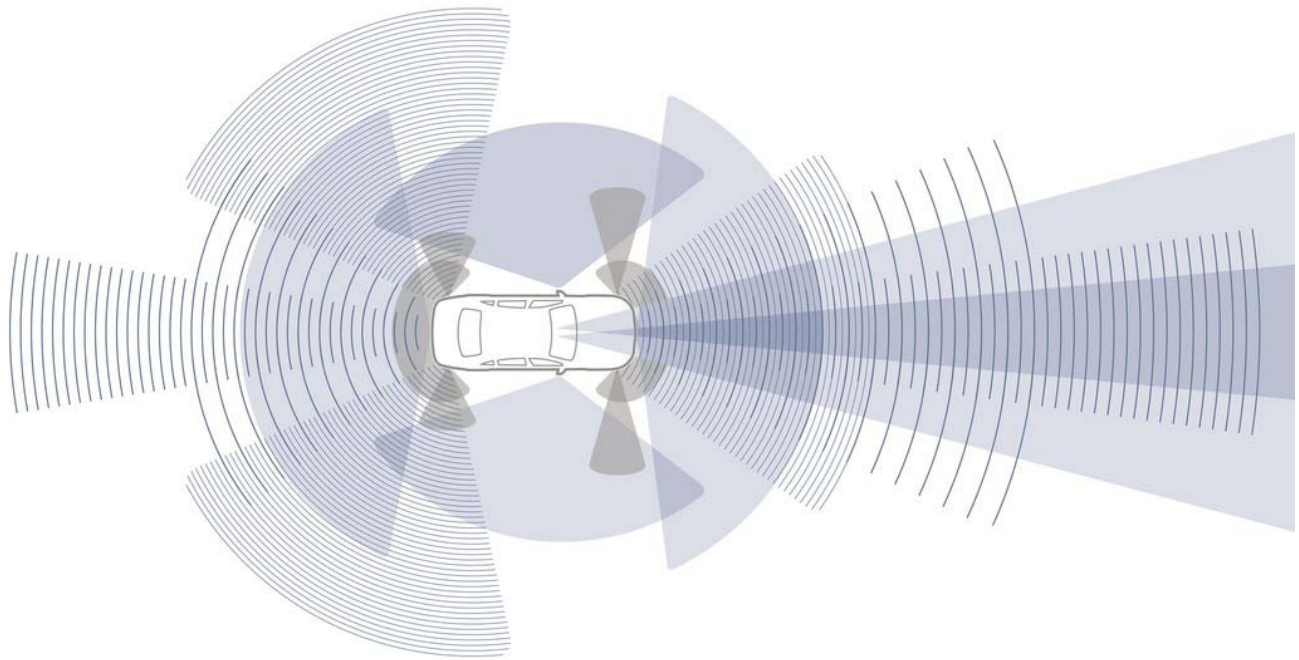


The head-up display comprises a full-colour display module with a resolution of 480 x 240 pixels and back-lit by high-power LEDs.

- Key driver information at a glance (eg. navigation tips, speed, settings for cruise control, DISTRONIC PLUS) without the driver having to take their eyes off the road
- Projection of virtual image measuring approximately 21 x 7 cm into the driver's field of vision, which appears to float around 2m in front
- Presentation of information in high-resolution and in colour, making it clearly legible even on sunny days and at night
- Height position of the image, brightness and displayed content can be changed individually via a menu in the instrument cluster

Innovation: Intelligent Drive - Overview

Optional on GLC 300 4M.



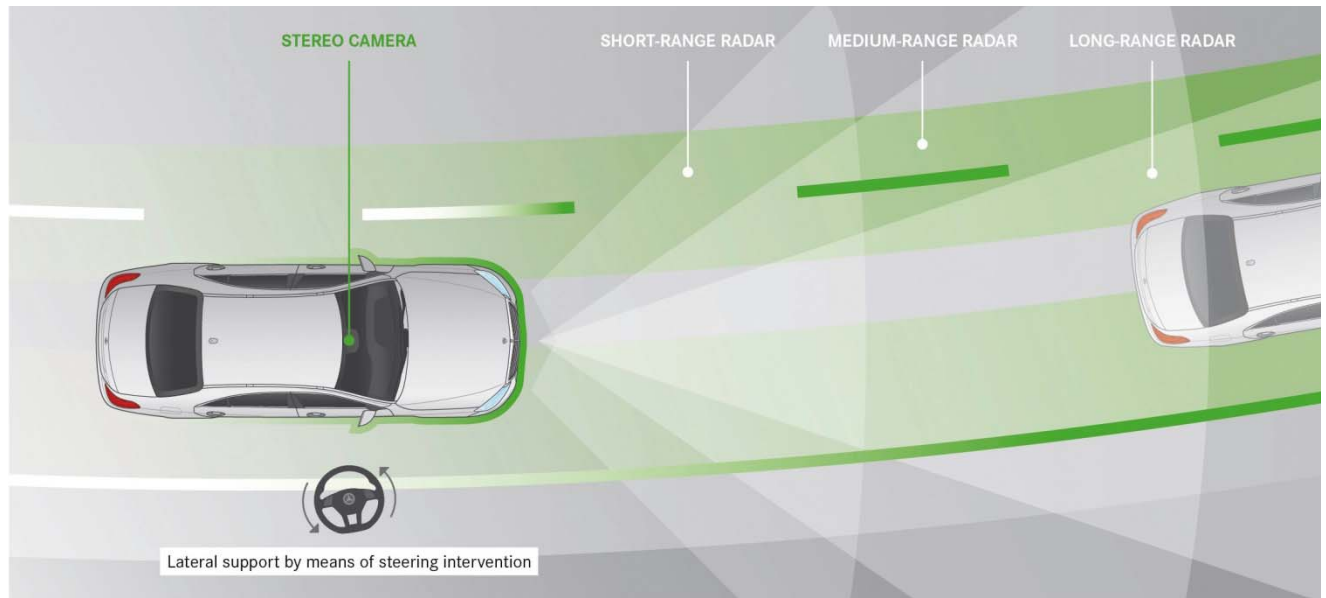
Details

What started with PRE-SAFE® and continued with DISTRONIC PLUS has resulted in a new dimension of motoring at Mercedes-Benz: comfort and safety are merged into one. Mercedes-Benz refers to this as “Intelligent Drive”.

Features

- DISTRONIC PLUS with Steer Assist
- BAS PLUS with Cross Traffic Assist
- PRE-SAFE Brake with Pedestrian Recognition
- PRE-SAFE PLUS
- Active Lane Keeping
- Active Blind Spot Assist

Innovation: Intelligent Drive – DISTRONIC PLUS with Steer Assist

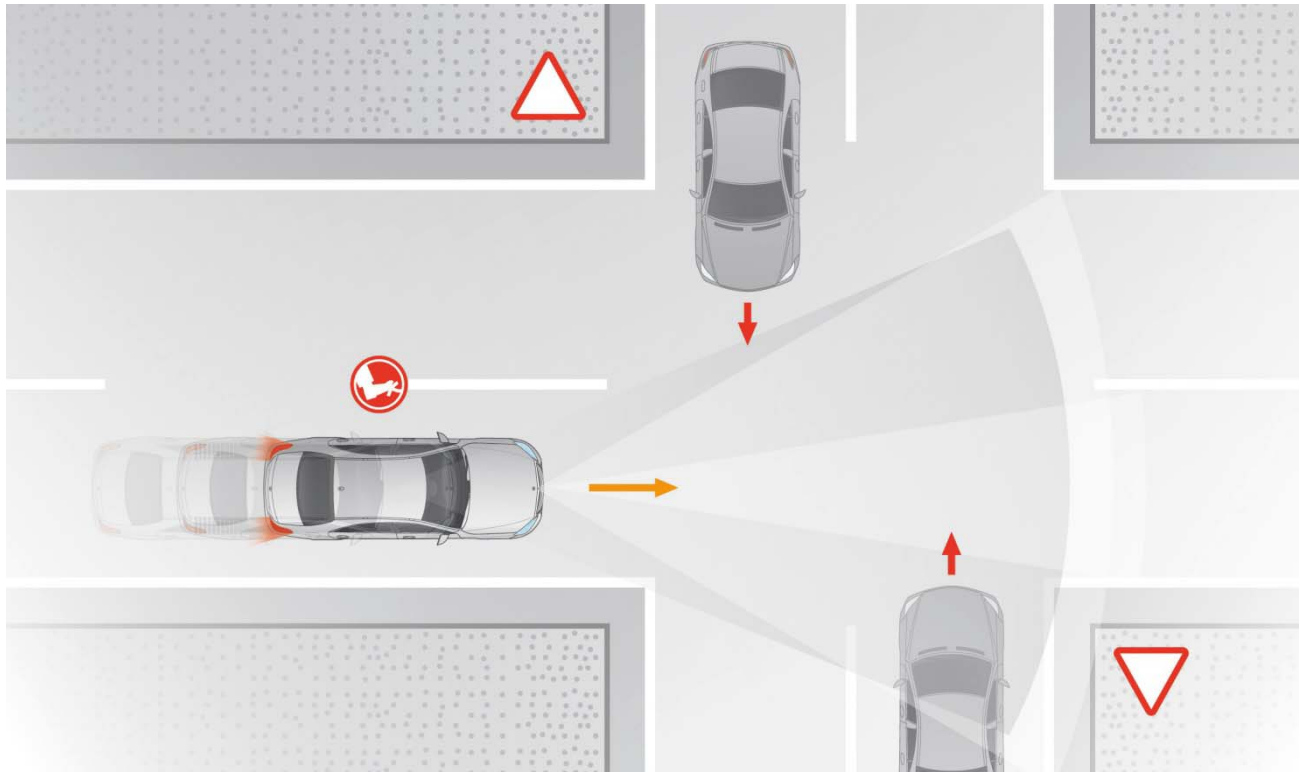


Details

- Intelligent automatic cruise control with lane guidance
- Uses the information from a 3D stereo camera in combination with radar sensors fitted all around the vehicle
- Operates in a speed range from 0 to 200 km/h
- Steer Assist automatically keeps the vehicle in the middle of its lane on straight roads and slight bends, if the lane markings on both sides are clearly visible
- If Steer Assist is active, it is indicated by a green steering-wheel symbol in the instrument cluster
- Additional following function based on the vehicle ahead when driving in traffic at speeds under 60 km/h, particularly when lane markings are missing or unclear
- Intelligent hands-off recognition: if the driver removes their hands from the steering wheel, a warning is emitted and STEER CONTROL is deactivated only if the situation requires it. Slow, hands-off stop-and-go driving in traffic is possible.

Innovation:

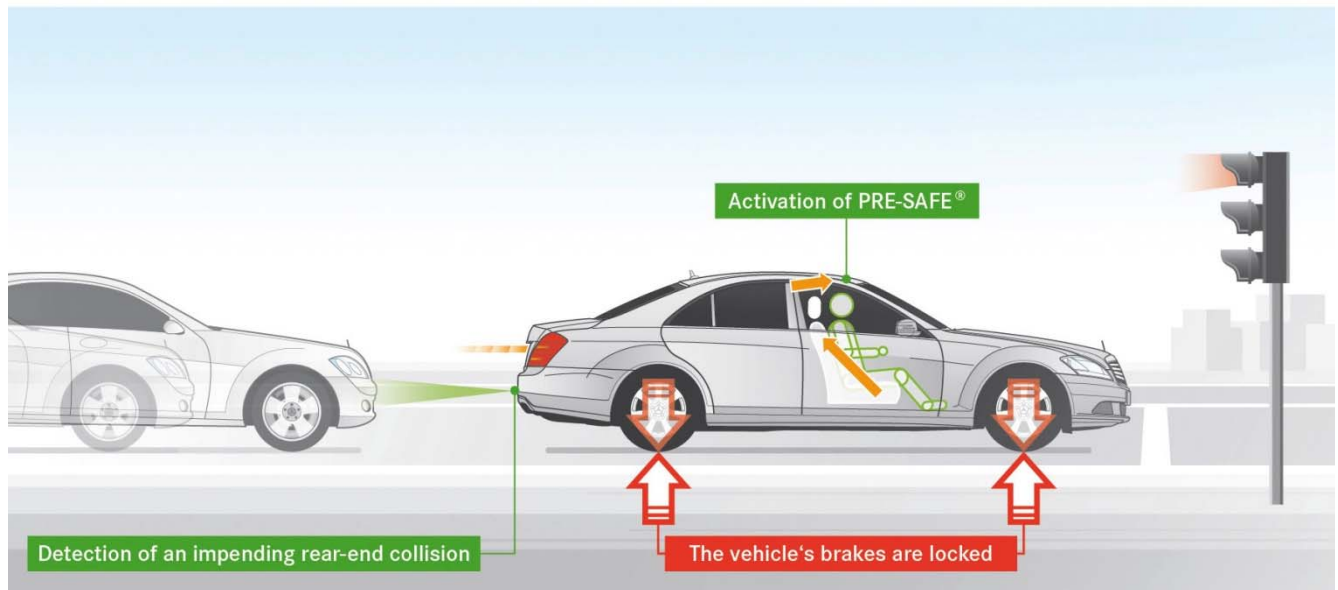
Intelligent Drive – BAS PLUS with Cross-Traffic Assist



Details

- Brake Assist PLUS is able to reduce the risk of rear-end collisions and accidents at road junctions
- Continuous monitoring of the traffic situation ahead of the vehicle by means of radar sensors and a 3D stereo camera
- Vehicles travelling ahead are registered up to a speed of 250 km/h
- Crossing traffic and bicyclists are registered up to a speed of 72 km/h, as well as pedestrians who are stationary or moving slowly in the path of the vehicle
- When the danger of a collision is recognized, the system gives a visual warning in the instrument cluster and an audible warning
- If the driver firmly applies the brakes, the system calculates the brake pressure that would be needed to prevent a collision
- If a collision cannot be prevented, the impact speed is reduced as much as possible by emergency braking

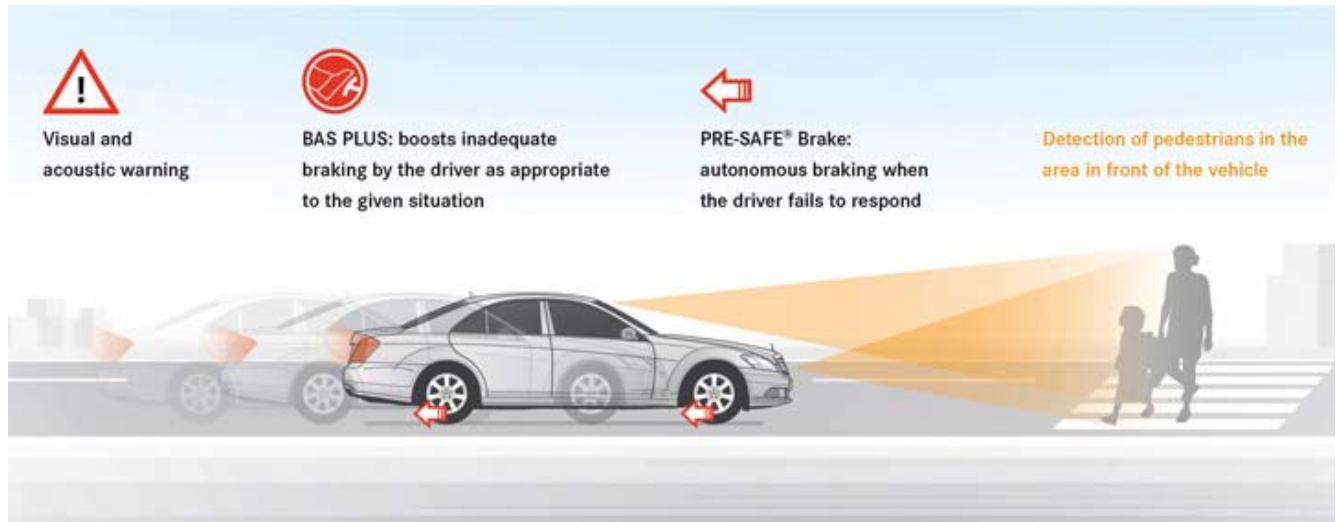
Innovation: Intelligent Drive – PRE-SAFE PLUS



Details

- Occupant protection system to initiate preventive protection measures before an impending rear-end collision when stationary
- Uses radar sensors in the rear bumper to monitor the traffic behind the vehicle
- Locks the brakes of the stationary vehicle if the driver has indicated a wish to remain stationary, e.g. by keeping the brake pedal depressed, HOLD function activated or selector lever in position "P"
- Initiates occupant protection measures such as reversible belt tensioning
- Maintains the increased brake pressure for two seconds after an impact to prevent the vehicle from rolling forward e.g. at a intersection, while restoring maneuverability after the impact if possible

Innovation: Intelligent Drive – PRE-SAFE Brake with Pedestrian Recognition



Details

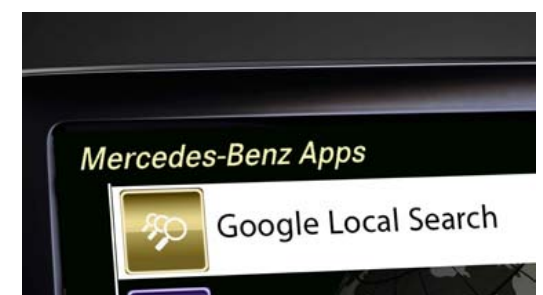
- Driving assistance system to lessen the danger of rear-end collisions and mitigate the consequences of accidents
- Monitors the traffic situation ahead of the vehicle by means of radar sensors and a 3D stereo camera
- Reacts to vehicles ahead in a speed range from 7 to 200 km/h
- Reacts to stationary objects and stationary or slowly moving pedestrians in a speed range from 7 to 72 km/h
- Provides the driver with a visual and acoustic warning of an identified risk of collision
- Capable of initiating autonomous braking if the driver fails to react
- Capable of preventing accidents with pedestrians and stationary vehicles up to an initial speed of 50 km/h

Innovation: MB Apps

Details:

The latest generation of COMAND is now equipped with an internet browser and MB Apps.

- Browse web pages while vehicle is stationary as well as free use of Mercedes-Benz Apps while on the move
- Worldwide weather information or forecasts (for the next 5 days) for present location or destination
- POI search via Google Local Search with Google Street View or destination photos using Panoramio
- View static images from available traffic cameras
- Use Yelp to search for places to eat, shop, drink, relax and play then read reviews from an active community of locals in the know.
- Route download via Google Maps: send a destination or a planned route from a PC (outside the vehicle) to the vehicle
- Facebook: access the wall, friends, events etc. from the personal Facebook account. Sending of standardized messages possible while on the move.
- Cloud based technology downloads apps automatically over the air



GLC 300 4MATIC Engine:



M274 2.0-litre turbocharged I4

- Key features:
 - 241 horsepower (@ 5,500 rpm)
 - 273 lb-ft of torque (@1,300 - 4,000 rpm)
 - 0-100 km/h in 7.3 seconds
 - ECO stop-start technology
 - 4 valves per cylinder
 - Direct injection with fast responding piezo injectors and multi-spark ignition system
 - Air to water intercooler
 - Single pipe turbocharger

GLC 300 4M Exterior Design

Radiator trim with integral Mercedes star and two louvres in matte iridium silver with chrome inserts

Aluminum roof rails

Off-road specific front bumper with larger angle of approach/departure

Halogen headlamps with LED DRL's

Aluminum running boards

Standard 19" 10-spoke wheels



Dropping roofline, low windows for dynamism and sportiness

Tailgate with aerodynamically shaped spoiler lip

Long wheelbase with short overhangs for impressive proportions

Two visible tailpipe chrome trim elements integrated into the bumper

GLC 300 4M Sport Package Exterior Design



AMG specific front apron

19" AMG 5-twin-spoke light alloy wheels

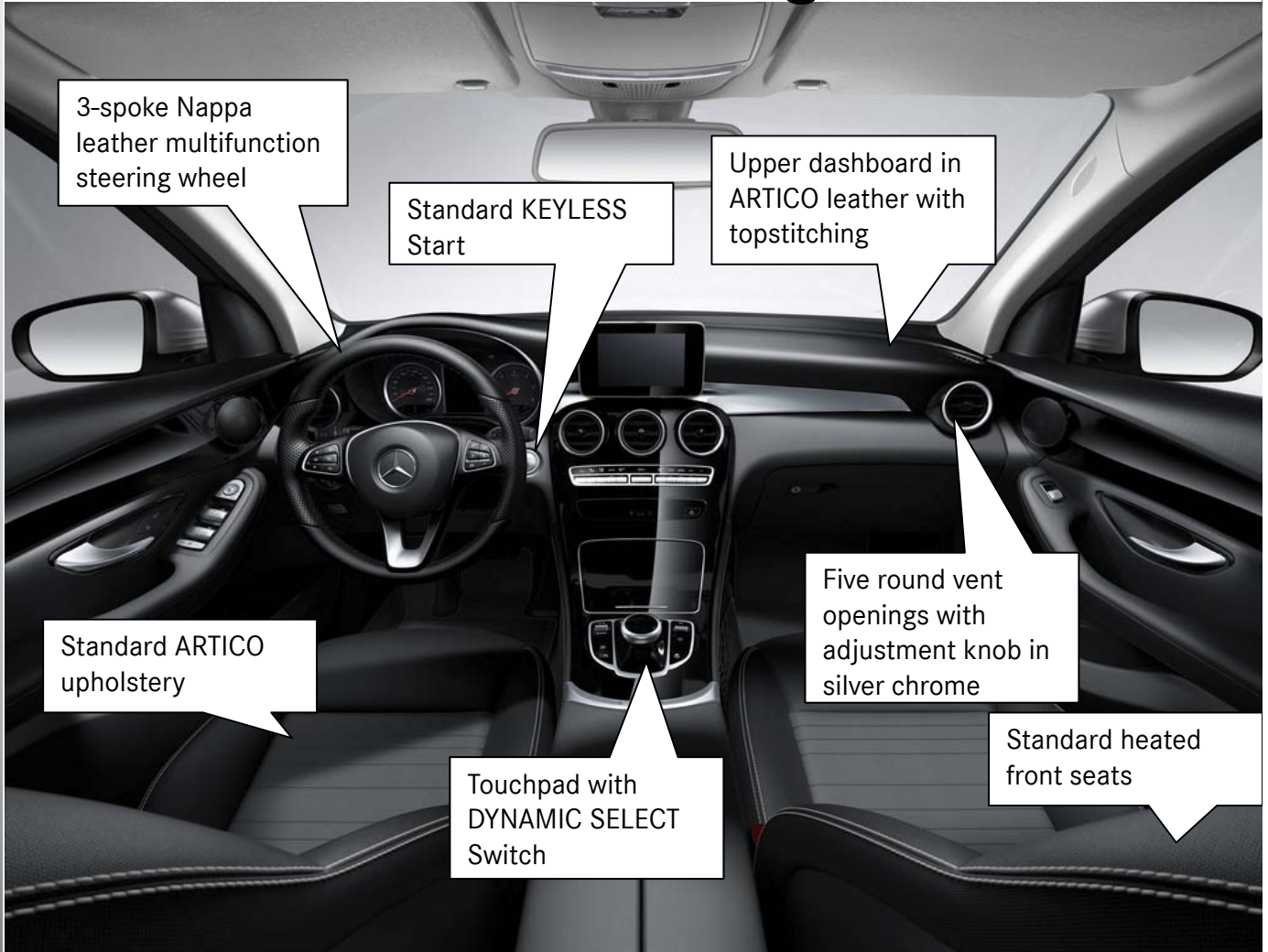


Enhanced performance and driving dynamics due to sport suspension

Two visible tailpipe chrome trim elements integrated into the bumper

AMG specific rear apron

GLC 300 4M Interior Design



3-spoke Nappa leather multifunction steering wheel

Standard KEYLESS Start

Upper dashboard in ARTICO leather with topstitching

Standard ARTICO upholstery

Five round vent openings with adjustment knob in silver chrome

Touchpad with DYNAMIC SELECT Switch

Standard heated front seats



Rear bench seat with 40/20/40 split

Greater seat adjustment range than the predecessor

Electrically adjustable front seats

GLC 300 4MATIC

Standard Equipment Highlights

Mechanical

- 2.0L Turbo I4 engine
- ECO Start/Stop
- 9G-TRONIC
- DYNAMIC SELECT Switch
- Electromechanical steering (EPS)
- Electric parking brake

Exterior

- 19" 10-spoke wheels
- Halogen headlamps with LED DRLs
- Electrically adjustable heated and power folding exterior mirrors

Interior

- Audio 20 w/ Single CD and 7.0" screen
- ARTICO leather upholstery
- THERMATIC automatic climate control
- 8-way power adjustable front seats
- Power lumbar support
- 3-spoke Nappa leather steering wheel
- Split folding rear seats
- Heated front seats
- KEYLESS-START

Safety

- ATTENTION ASSIST
- COLLISION PREVENTION ASSIST PLUS
- PRE-SAFE
- Blind Spot Assist
- ADAPTIVE BRAKE with HOLD function
- Rain sensing windshield wipers
- Run-flat tires



GLC 300 4MATIC

Option Packages & Highlights

PREMIUM PACKAGE (MP1)

- Rear View Camera
- Panoramic Sunroof
- COMAND Online Navigation w/ MB Apps
- EASY-PACK Power Tailgate
- Ambient Lighting
- DVD Drive
- Illuminated Door Sill Panels



PREMIUM PLUS PACKAGE (MP2)

- Integrated garage door opener
- PARKTRONIC w/ Active Parking Assist
- Power Adjustable Passenger's Seat
- Memory Package w/ Power Steering Column
- Heated Steering Wheel
- 360 Camera
- KEYLESS-GO
- Heated Rear Seats
- Parking Package
- 115V Power Socket



GLC 300 4MATIC

Option Packages & Highlights

SPORT PACKAGE (MSP)

- AMG Exterior Package
- 19" AMG 5-twin-spoke light-alloy wheels
- AMG Styling Package



LED Lighting System (MLS)

- Active LED High Performance Lighting System
- Adaptive Highbeam Assist (AHA)



INTELLIGENT DRIVE PACKAGE (IDP)

- DISTRONIC PLUS
- Active Blind Spot Assist
- Active Lane Keeping Assist
- CMS Rear
- DISTRONIC PLUS w/ Steering Assist
- BAS PLUS
- BAS PLUS with Cross-Traffic Assist
- PRE-SAFE Brake (Autonomous emergency braking)
- PRE-SAFE PLUS for rear-end collision



GLC 300 4MATIC

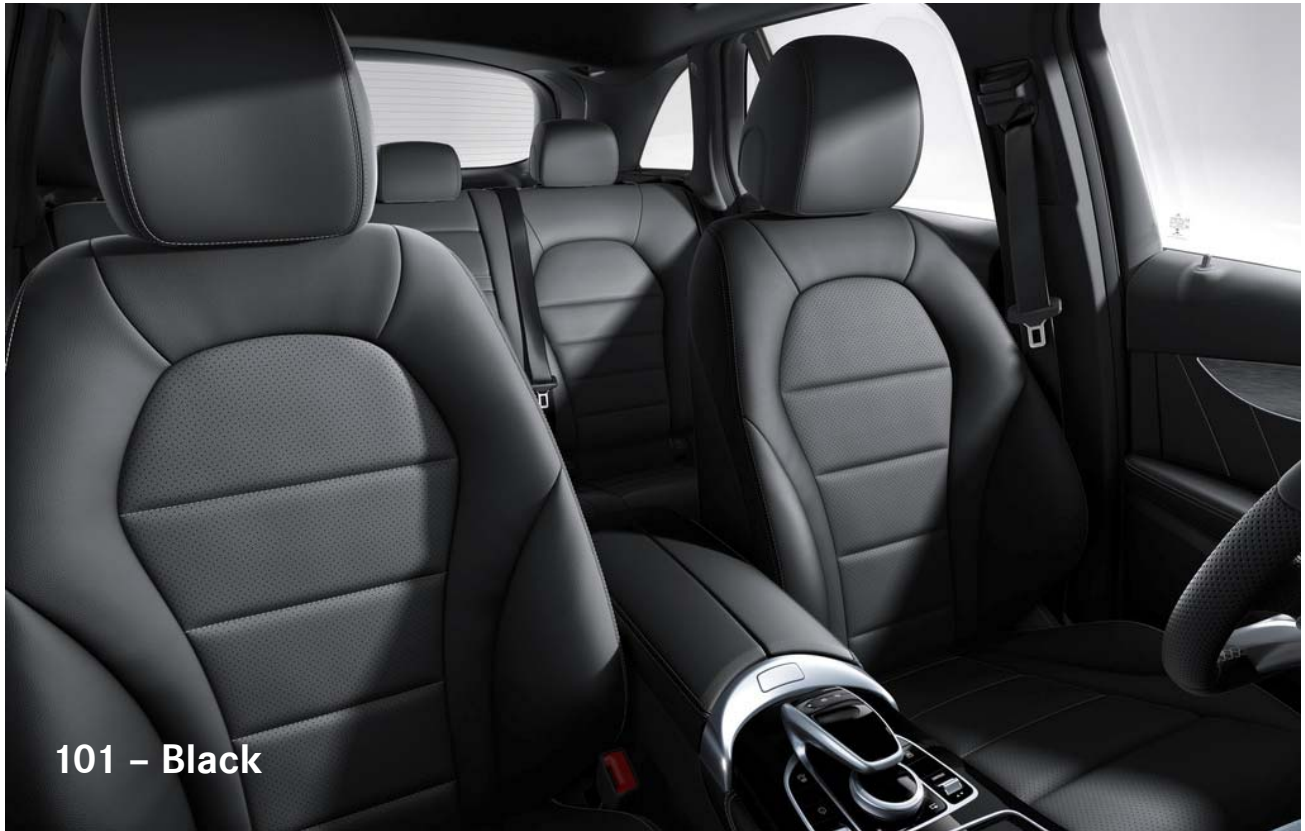
Stand Alone Options

- Trunk pass-through with Ski Sack
- Manual rear roller blinds
- Head-Up Display
- AIR BODY CONTROL air suspension with ADS
- SIRIUS Satellite Radio
- Trailer Hitch
- 20" AMG multi-spoke wheels
- Burmester Surround Sound System
- Aluminum Running Boards



GLC Upholstery

ARTICO Leather Combinations



101 – Black



115 – Sahara Beige

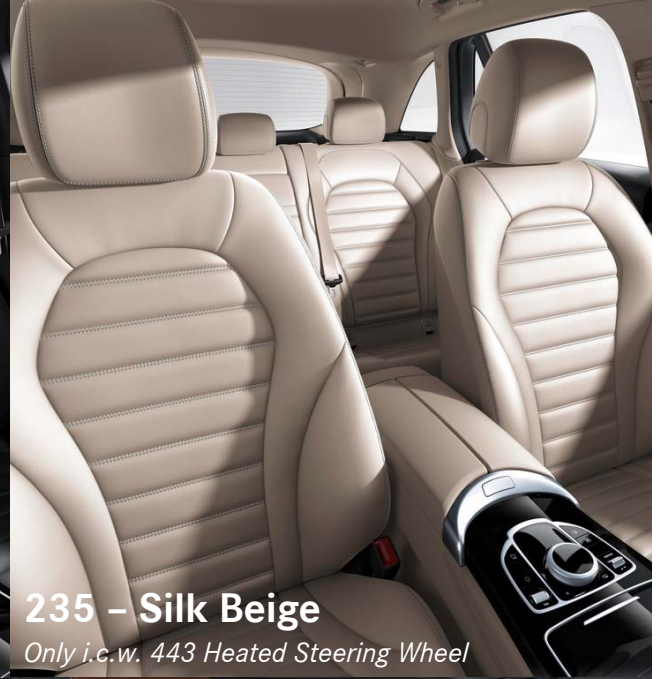
Only i.c.w. 443 Heated Steering Wheel

GLC Upholstery

Leather Combinations



221 – Black



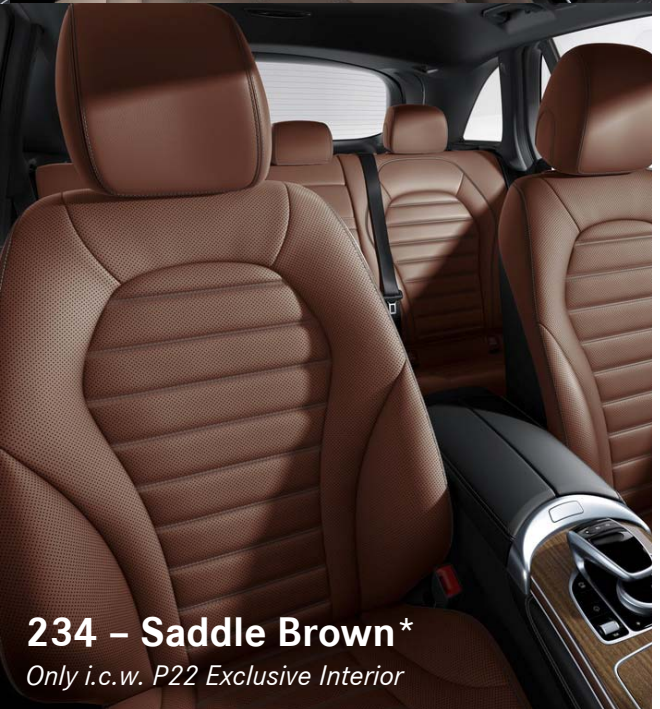
235 – Silk Beige

Only i.c.w. 443 Heated Steering Wheel



224 – Espresso Brown*

Only i.c.w. P22 Exclusive Interior



234 – Saddle Brown*

Only i.c.w. P22 Exclusive Interior

GLC Trim



736 – Dark Ash Wood Trim



739 – Aluminum Trim



**H07 – Alpine Finesline Brown
Glossy Wood Trim**



**H09 – Brown Ash Wood Trim
(Open-Pore)**



**H24 – Light Brown Lime Wood
Trim (Linestructure)**

GLC Wheels & Tires

MY16 GLC

GLC 300 4MATIC	
STANDARD	 <p>Code R26 19" 10-Spoke Himalaya Grey Matte 8J19 ET38 235/55 R19 All-season tires</p>
SPORT PACKAGE	 <p>Code 638 19" AMG Twin 5-Spoke 8J x 19H2 ET38 235/55 R19 All-season tires</p>
Optional	 <p>Code 688 20" AMG multi-spoke (Titanium Grey) 8.5Jx20H2 ET40 255/45 R20 All-season tires</p>

Technical Data

MY16 GLC	GLC 300 4MATIC
DIMENSIONS	
Length (mm)	4,656
Width - Excluding Mirrors (mm)	1,899
Width - Including Mirrors (mm)	2,096
Height (mm)	1,644
Wheelbase (mm)	2,873
Turning Circle (m)	11.80
Track Width - Front (mm)	1,621
Track Width - Rear (mm)	1,617
Headroom - Front (mm)	1,064
Headroom - Rear (mm)	1,005
Luggage Capacity (L)	550 - 1,600
Fuel Capacity (L)	66L (7L Reserve)
WEIGHT	
Curb Weight (kg)	1,735
Weight Distribution - Front (%)	tbd
Weight Distribution - Rear (%)	tbd
Maximum Gross Vehicle Weight (kg)	2,400
Maximum Payload (kg)	665
Maximum Front Axle Load (kg)	1,120
Maximum Rear Axle Load (kg)	1,280
Maximum Roof Load (kg)	75
Perm. Trailer Load (kg)	2,400
ENGINE	
Engine Type	16V Turbo DOHC I4
Displacement (cm ³)	1,991
Bore (mm)	83.00
Stroke (mm)	92.00
Horsepower (SAE @ RPM)	241 @ 5,500
Torque (ft-lb @ RPM)	273 @ 1,300 - 4,000
Compression Ratio	9.8:1
Fuel Type	Premium Unleaded
DRIVETRAIN	
Drive Configuration	4MATIC Permanent AWD
Transmission Type	9G-TRONIC
Gear Ratios (:1)	
1st	5.500
2nd	3.330
3rd	2.310
4th	1.660
5th	1.210
6th	1.000
7th	0.860
8th	0.720
9th	0.600
Reverse	4.930
Final Drive Ratio	3.270
BODY/SUSPENSION	
Steering	Rack-and-Pinion
Braking System	ABS with Brake Assist
Front Brake Type / Diameter (mm)	Disc / 342
Rear Brake Type / Diameter (mm)	Disc / 320
Brake Disc Ventilation	Front & Rear
Front Suspension	tbd
Rear Suspension	tbd
Drag Coefficient	0.32
ELECTRICAL	
Battery Capacity (Amp Hours)	60
Alternator Output (Watts)	2,450
Alternator Amperage (Amps)	tbd
PERFORMANCE	
Top Speed (Electronically Limited - km/h)	222
Acceleration - 0-100 km/h (Seconds)	7.3