

Model 213
with code 809 (Model year 2019)

FG/FUG	Title/ description	Validity
00.19	<p>Introduction of the steering wheel CAN The steering wheel CAN will also be used when the new steering wheel generation is introduced. The steering wheel CAN operates at a data transfer rate of 125 kBit/s. The steering column tube module control unit and the steering wheel electronics will use the steering wheel CAN. The steering column tube module control unit forms the interface for the data exchange with control units that are connected to other bus systems.</p>	
07.08	<p>Introduction of the M 256 AMG inline engine As from model year 2019, the new 6-cylinder spark-ignition engine generation with model designation M 256 will be introduced in the E-Class in the Mercedes-AMG E 53 4MATIC model. For further information, please refer to the Introduction into Service Manual "Introduction of New Inline Engine M 256 AMG".</p>	Engine 256
07.08	<p>Introduction of the M 264 inline engine In model year 2019, the new 4-cylinder spark-ignition engine generation with model designation M 264 will be introduced in the E-Class in the E 350 sedan model. For further information, please refer to the Introduction into Service Manual "Introduction of New Inline Engine M 264".</p>	Engine 264
07.16	<p>Introduction of the 6-cylinder diesel engine OM 656 In model year 2019, the six-cylinder inline engine OM 656 will be installed in the E-Class with two output variants, the 350 d with an output of 210 kW and the 400 d with an output of 250 kW. It will replace the V6 diesel engine OM 642. For further information, please refer to the Introduction into Service Manual "Introduction of New Inline Engine OM 656".</p>	Engine 656
15.00	<p>Introduction of the 48 V on-board electrical system The introduction of the M 256 and M 264 inline engines will be accompanied by the use of 48 Volt technology in the E-Class. For further information, please refer to the "Technology Guide for the 48 V On-Board Electrical System".</p>	Engines 256, 264
15.40	<p>Introduction of the integrated starter alternator (ISA) An integrated starter alternator (ISA) located between the combustion engine and the transmission will replace the 12 V alternator and the 12 V starter. In addition to the alternator function, this makes it possible to use the energy from the 48 V on-board electrical system battery to generate torque to assist the combustion engine.</p>	Engine 256
15.40	<p>Introduction of the belt-driven starter alternator A belt-driven starter alternator will replace the 12 V alternator and the 12 V starter. In addition to the alternator function, this makes it possible to use the energy from the 48 V on-board electrical system battery to generate torque to assist the combustion engine.</p>	Engine 264

20.40	<p>Radiator shutters The radiator trim flaps upstream of the cooler are opened or closed, depending on the operating conditions, by two actuator motors in case of code 2U1 (Radiator shutters) or one actuator motor in case of code 5U3 (AIRPANEL). Due to the lower aerodynamic drag, closed trim flaps help to reduce fuel consumption. In addition, the engine compartment is prevented from cooling down and the external noise of the engine is dampened.</p>	Engine 274.9 with code 5U3 (AIRPANEL) Engines 256.9, 274.9 with code 2U1 (Radiator shutters)
49.20	<p>Introduction of the gasoline particulate filter (OPF) for the exhaust system Gasoline particulate filters for the exhaust system are being introduced as part of the Euro 6c/Euro 6d-TEMP emissions standard in order to reduce the emission of fine soot particles. The gasoline particulate filter absorbs the emitted soot particles and regenerates itself under specific operating conditions. The regeneration (soot combustion) of the gasoline particulate filter takes place predominantly in overrun mode. The soot combustion takes place as soon as oxygen is available in the gasoline particulate filter. The thermal load of the gasoline particulate filter in overrun mode is primarily dependent on the soot content and the exhaust gas temperature upstream of the gasoline particulate filter. With code 598 (Gasoline particulate filter OPF with sensor system), the ME-SFI [ME] control unit permanently monitors the exhaust gas temperature and soot content of the gasoline particulate filter to protect it against excessively high temperatures.</p>	Engines 177.9, 256.9, 264.9, 274.9, 276.8 with code 598 (Gasoline particulate filter (OPF) with sensor system) Engines 256.9, 276.8 with code 472 (Gasoline particulate filter)
54.00	<p>Modernized driver assistance system In model year 2019, the driver assistance systems will be modernized (FAP 4.5) and will offer increased safety and comfort by assisting the driver. The DISTRONIC function with the Active Steering Assist is new. The system can both automatically maintain the correct distance to the vehicles in front and also significantly supports the driver when steering, even in curves. At speeds up to 130 km/h, the Active Steering Assist is not necessarily reliant on clearly visible lane markings. It can still actively intervene in the case of unclear lines or even when there are no lines at all. It thus relieves and supports the driver, it is particularly effective in the case of convoy driving and stopping traffic. Route-based speed adaptation is a further partial function of DISTRONIC. Before curves, intersections, roundabouts or tollbooths, the preselected speed is reduced in an anticipatory manner according to the route, the vehicle is subsequently accelerated again.</p>	Code 23P (Driver Assistance Package)
54.10	<p>Engine OFF energy management Engine OFF energy management ensures the stability of the on-board electrical system and the starting capability of the engine when the vehicle is parked. The deep discharge protection function is new. Deep discharge protection prevents excessive discharging of the on-board electrical system battery when the vehicle is at a standstill (rest phase). On vehicles with a combustion engine, the deep discharge protection ensures the starting capability of the engine over an extended period of time or with an increased quiescent current. Furthermore, increased no-load currents resulting from hardware resets caused by defective components are also minimized. The function is integrated in the front SAM control unit (energy management) and in the electronic ignition lock control unit (closing and security).</p>	

54.10	<p>Battery</p> <p>With the introduction of 48 Volt technology in the E-Class, an additional 48 V on-board electrical system battery will be installed.</p> <p>With the lithium-ion battery, the 48 V on-board electrical system can reach an output of up to 16 kW while the engine is running, which extends the possible applications of electrical consumers considerably.</p> <p>The 12 V on-board electrical system remains virtually unchanged. It is merely supplied by a 48 V/12 V DC/DC converter instead of by a 12 V alternator.</p>	Engines 256.9, 264.9
54.71	<p>Active Lane Keeping Assist function</p> <p>As from model year 2019, the Active Lane Keeping Assist will detect when the vehicle crosses lane markings, and issue a haptic warning to the driver through vibrations of the steering gear.</p>	With code 23P (Driving Assistance Package) or with code 243 (Active Lane Keeping Assist)
82.27	<p>Acoustic ambient protection</p> <p>Depending on the market, new legal requirements for vehicles with electric drive require the additional installation of a rear sound generator. In these countries, sound generators must be installed at the front or rear of the vehicle for forward travel and reversing in the future.</p>	Valid for hybrid vehicles with code 460 (Canada version) or with code 494 (USA version) or with code 496 (Mexico version).
82.85	<p>Navigation</p> <p>Code 360 (HERMES UMTS) will be replaced with code 362 (HERMES LTE) in the ECE market.</p>	With code 362 (HERMES LTE)
82.85	<p>Navigation</p> <p>As from model year 2019, the larger touchpad without an additional rotary/push actuator will be offered in the Chinese market.</p>	Code 446 (Touchpad only) with code 830 (Additional parts for China vehicles)
82.85	<p>Mercedes me connect</p> <p>In model year 2019, the Mercedes me connect button will replace the breakdown assistance button and the MB-Info button in the overhead control panel.</p>	With code 362 (HERMES LTE)
82.85	<p>Mercedes me connect</p> <p>The function will be introduced in the U.S.A., Canada, Australia, New Zealand, Russia, Taiwan, and Thailand markets.</p>	With code 362 (HERMES LTE)
82.90	<p>Steering wheel</p> <p>The new generation of the multifunction steering wheel will be used in the E-Class. The control elements for the driver assistance systems TEMPOMAT/limiter and Distance Assist DISTRONIC are located on the multifunction steering wheel.</p> <p>The lane keeping function will be moved to the steering gear. The steering wheel vibration motor will be omitted.</p> <p>Acoustic feedback is provided on operations via the two finger navigation pads. A speaker in the vehicle outputs the feedback tone.</p>	