

FG/FSG	Title Description	Validity	
07.70	<p>Introduction of start-stop function</p> <p>The ECO start/stop function ensures that the engine is automatically switched off and started up again in certain circumstances. By doing so the ECO start/stop function helps or reduce fuel consumption, exhaust and noise emissions.</p>	For code (B03) ECO Start-stop function	
27.10	<p>Introduction of NAT FE+</p> <p>In the 7-speed automatic transmission as of production date 21.06.2010 (except vehicles with OM 629) only transmission oil in line with Specifications for Operating Fluids Sheet 236.15 may be used! As of 21.06.2010 the transmission oil FE-ATF 134 has been approved in line with Specifications for Operating Fluids Sheet 236.15. The transmission 722.6, 722.9 up to production period 18.06.2010 as well as transmission 722.9 in combination with engine 629 may not be filled with FE-ATF 134. The following control features must be observed for filling: For Xentry DAS version 05/2010 the add-on 1476 is available which displays a reference to the specified gear oil before reading out the transmission oil temperature. As an external identifying feature on the transmission 722.9 the oil pan has different forms. As from the middle of June 2010, AKUBIS direct and SDmedia will contain a film documenting the filling process. The changed Specifications for Operating Fluids are available in the following documents.</p> <ul style="list-style-type: none"> ● BB00.40-P-0236-14A Automatic transmission fluids (ATF, Sheet 236.14) ● BB00.40-P-0236-15A Automatic transmission fluids (ATF, Sheet 236.15) <p>Conversion from C to E shift program</p> <p>The C-mode (Comfort mode) will be renamed as of YoM 10/1 into the E-mode (Economy mode)</p> <p>The E shift program has the following properties:</p> <ul style="list-style-type: none"> ● Comfortable engine design ● Optimum fuel consumption ● Except when at full throttle, the vehicle starts off much smoother. ● Controllability has been increased. As a consequence the vehicle exhibits enhanced driving stability on slippery roads. ● The automatic transmission shifts up earlier. <p>The S shift program has the following properties:</p> <ul style="list-style-type: none"> ● Sporty engine design ● The vehicle drives off in first gear ● The automatic transmission shifts up later. ● The automatic transmission's later shift point means that fuel consumption may rise. 	Transmission 722.6/9 except AMG vehicles	
42.47	<p>Introduction of attention assistance system</p> <p>The attention assistance system familiar from model 221 is now being introduced into model 216.3.</p>	Model 216.3 as of model year 2011/YoM 10 model refinement package	

	<p>Introduction of brake vacuum sensor (B64/1)</p> <p>On vehicles with code (B03) ECO start/stop function a brake vacuum sensor has been introduced for vacuum monitoring in the brake booster. If the vacuum drops below the specified value, the engine is not switched off if the start-stop function is active or the engine is forcibly started.</p>	For code (B03) ECO Start-stop function	
54.10	<p>Introduction of 115 V power outlet</p> <p>The 115 V power outlet enables power to be supplied to commercially available 115 V devices (e.g. laptop) using a maximum power consumption of P = 150W.</p>	With code (U80) 115 V power outlet	
54.15	<p>Routing of starter relay actuation into ECU</p> <p>Actuation of the starter relay is no longer from the front SAM control unit, but rather directly from the ECU.</p>		
54.30	<p>Introduction of new symbols and messages</p> <p>The new ECO start-stop, Active Lane Keeping Assist, AdBlue and Active Blind Spot Assist systems come with new symbols and icons. Furthermore the following new messages are also shown:</p> <ul style="list-style-type: none"> - Adaptation of rear safety belt status display to current NCAP guideline for adaptation of driver/front passenger seat belt reminder warning to latest NCAP guideline. - Extension of Speed Limit Assist with additional traffic signs 		
54.30	<p>Introduction of Speed Limit Assist</p> <p>The Speed Limit Assist familiar from model 221 is now being introduced into model 216.3. The national availability is also being extended and the corresponding speed limit shown in the head unit's central display.</p>	Model 216.3 as of YoM 10 model refinement package Model 221 as of YoM 10	
54.65	<p>Introduction of new parking system in model 216.3</p> <p>The parking system has been adopted from model 221. The sensor system has been converted from radar to ultrasonic sensors, the function remains the same however.</p>	Model 216.3 as of model year 2011/YoM 10 model refinement package	
54.71	<p>Introduction of Active Lane Keeping Assist</p> <p>This system is based on the Lane Keeping Assist system (code 476). The Active Lane Keeping Assist augments the present lane recognition with the active brake system intervention option. As with the lane recognition function the driver is initially given a warning when the lane is left by means of the known warning systems. If the warning proves ineffective for a dividing line, intervention by the brake system is authorized to move the vehicle back to the calculated driving lane. The readiness of the "Automatic Lane Assist" is shown on the instrument cluster with the corresponding symbol in green.</p>	Model 216.3 as of model year 2011/YoM 10 model refinement package with code (238) Active Lane Keeping Assist Model 221.0/1 as of model year 2011/YoM 10 with code (238) Active Lane Keeping Assist	

	<p>Introduction of Active Blind Spot Assist</p> <p>Active Blind Spot Assist builds upon the functionality of the familiar Blind Spot Assist. Active Blind Spot Assist can additionally perform brake system interventions taking the surroundings of the vehicle into account. These are conducted on a wheel-specific basis and exert a corrective influence on the vehicle.</p> <p>If a risk of a collision is detected (approach to a recognized object of 50- 30 cm, depending on speed) with vehicles, that are in the blind spot, an accident can then be avoided or the consequences of an accident diminished.</p> <p>Discontinuation of additional radar sensors control unit for Blind Spot Assist</p> <p>The functions of the previously installed radar sensors control unit (N62/1) are now integrated into the intelligent radar sensors. The intelligent radar sensors are connected through the front end CAN (CAN G) to the vehicle network.</p>		
68.49	<p>Introduction of new inside rearview mirror</p> <p>A new inside rearview mirror has been introduced. The inside rearview mirror functions remain the same. The garage door opener buttons are arranged in the center of the new mirror.</p>		
80.20	<p>Introduction of acoustic feedback</p> <p>When locking the vehicle, the horns issue brief signal tones.</p>	Model 221.0/1, 216.3 as of model year 2009 /YoM 08	
80.61	<p>New generation of Keyless Go control unit</p> <p>The new Keyless Go control unit comes with new antennas. These antennas enable new monitoring ranges to be used, as a result an antenna in the interior is no longer required.</p>	Model 216.3, 221.0/1 as of model year 2009/YoM 08 with code (889) Keyless Go	
82.85	<p>New sound system (model 221 only), changes in head unit NTG 3.5</p> <p>New sound variant with code (811) Advanced Sound System; (B&O) Diverse changes in head unit (e.g. ECO Route with navigation, start-stop setting, consumption indicator...)</p>	MODEL 216 with CODE (526) COMAND with single DVD drive (without navigation) as of model year 2009 /YoM 08 MODEL 216, 221 with CODE (527) COMAND APS with single DVD drive (with navigation) as of model year 2009 /YoM 08 Model 216, 221 with code (530) COMAND APS USA (with navigation) as of model year 2009 /YoM 08	
82.90	<p>Introduction of new radio frequency headphones</p> <p>New radio transmission headphones (improved quality for headphones) are used.</p>	Model 221 with code (864) Rear entertainment system	
83.40	<p>Introduction of interior humidity/temperature sensor</p> <p>In future an interior humidity/temperature sensor will be installed. This measures the relative humidity and temperature directly on the inside of the windshield and uses it to define the dew point temperature. To prevent the windshield from fogging up the A/C compressor is also activated when the AC is off.</p>	With code (B03) ECO start/stop function	