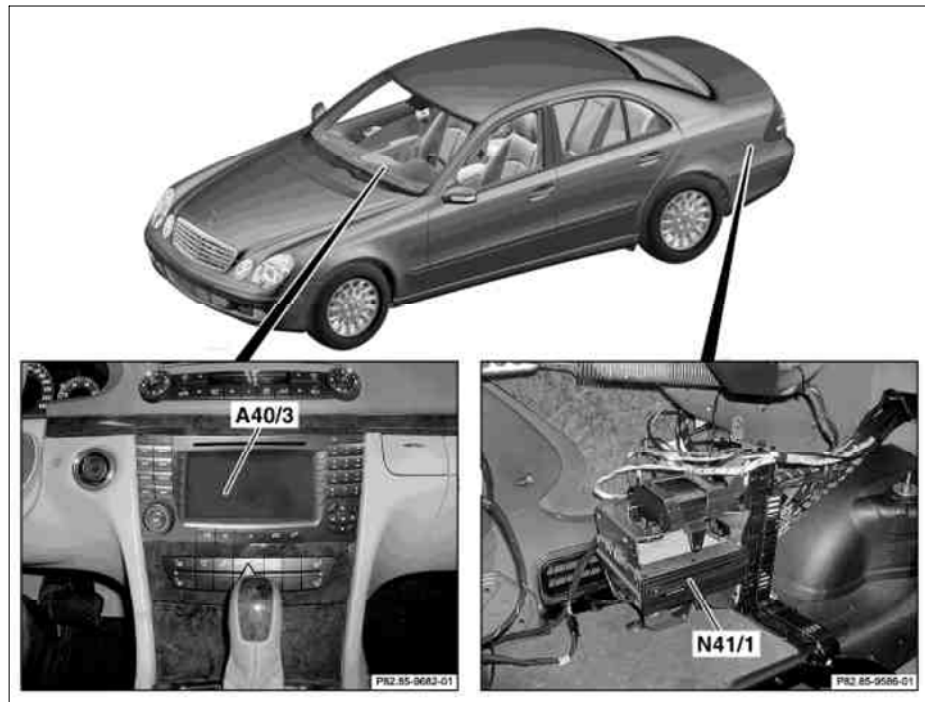


















































MODELS 211.004 /006 /016 /023 /026 /028 /042 /043 /061 /065 /070 /080 /082 /083 1#
with CODE (525) MB Audio 50 APS radio
except CODE (924) Bivalent natural gas drive



A40/3 COMAND operating, display and control unit
 N41/1 Navigation processor



P82.86-4627-06

	Check		
1  AD	Check control unit versions of MOST components Connect STAR DIAGNOSIS and read out fault memory	 Make sure that an up-to-date replacement is available for the MOST components to be replaced in order to be able to operate the COMAND. STAR DIAGNOSIS diagnosis system	AN82.85-P-0003-01T AD00.00-P-2000-04A *WE58.40-Z-1013-06A
	Remove		
	Notes on avoiding damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
2.1	Remove all CDs from the CD changer	 Vehicles with CD changer (code 819).	
3	Remove navigation CD and cassette from Audio 50 APS radio		
 Danger! 4  AR  	Risk of explosion caused by oxyhydrogen gas. Risk of poisoning and caustic burns caused by swallowing battery acid. Risk of injury caused by burns to skin and eyes from battery acid or when handling damaged lead-acid batteries Disconnect battery ground cable Notes on battery Notes on mat battery	No fire, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and safety glasses. Pour battery acid only into suitable and appropriately marked containers.	AS54.10-Z-0001-01A AR54.10-P-0003T AH54.10-P-0001-01A AH54.10-P-0002-01A
 AR  AR	Remove side paneling in trunk	 Left. For vehicles without one of the codes listed below: - 220, 404, 405, 433, 434, 475, 550 or 889 and for vehicles as from chassis end number A 644804 or X170410, the trim is no longer required and replaced by a new trim. Vehicles without Through-loading feature (Code 287). Vehicles with Through-loading feature (Code 287).	AR68.30-P-4800T AR68.30-P-4800TA
 AR	Remove SAM control unit with fuse and relay box in luggage compartment	 Vehicles without COMAND preinstallation (Code U36). Do not disconnect electrical connectors.	AR54.21-P-1258T

7.1 	Remove audio gateway control unit Remove audio component center	 Only remove the audio gateway control unit if it has an MB number, stated in the table of the document listed in step 1.	AR82.60-P-7605T
8.1 	Remove hands-free system control unit	 Only remove the hands-free system control unit if it has an MB number, stated in the table of the document listed in step 1.  Vehicles with preinstallation for MB telephone "portable CTEL", complete (Code 380) or with MB telephone "portable CTEL" in armrest (Code 382).	AR82.70-P-8970T
9.1 	Remove car interface (portable CTEL)	 Only remove the vehicle interface (portable CTEL) if it has an MB number, stated in the table of the document listed in step 1.  Vehicles with preinstallation for MB telephone "portable CTEL", complete (Code 380) or with MB telephone "portable CTEL" in armrest (Code 382).	AR82.70-P-8920T
10.1 	Remove CD changer	 Only remove the CD changer if it has an MB number, stated in the table of the document listed in step 1.  Vehicles with CD changer (code 819).	AR82.64-P-7508T
11 	Remove radio	 The Audio 50 APS radio is no longer required.	AR82.60-P-7502T
	Install		
12.1	Install in the reverse order	 Steps 9.1 to 7.1.	
13	Extend fiber optic cable ring for components to be retrofitted	 Risk of breakage! Do not kink fiber optic cable, route over sharp edges or bend in radii smaller than 25 mm. Tensile forces on inserts must not exceed 65 N. Do not squeeze fiber optic cable and do not compress with clamps or cable ties.	AN82.64-P-0001-05T
14	Retrofit wiring harness.	 Wiring harness for navigation processor.  Vehicles without COMAND preinstallation (Code U36).  Vehicles with COMAND preinstallation (Code U36).	AN82.61-P-0001-01T AN82.61-P-0001-01TAA
15 	Install SAM control unit with fuse and relay box into luggage compartment	 Vehicles without COMAND preinstallation (Code U36).	AR54.21-P-1258T
16	Retrofitting navigation processor in trunk	 Vehicles with one of the following codes: - 220, 475 or 889.  Vehicles without one of the following codes: - 220, 475 or 889.	AN82.85-P-0001-01TA AN82.85-P-0001-01TTA
17.1	Cut out side paneling in trunk	 Vehicles up to chassis end number A 644804 or X170410 with one of the following codes: - 220, 404, 405, 433, 434, 475, 550 or 889.	AN68.30-P-0002-02TA
18  	Install side paneling in left side of trunk	Vehicles without through-loading feature (Code 287). Vehicles with through-loading feature (Code 287).	AR68.30-P-4800T AR68.30-P-4800TA
19 	Install COMAND operating, display and control unit	 Wrap felt tape around vehicle on-board GPS antenna line of Audio 50 APS and strap down in center console (no longer required).	AR82.85-P-1000T
20.1 	Install CD changer	 Vehicles with CD changer (code 819).  Only install the CD changer if it was removed in step 10.1.	AR82.64-P-7508T
21 	Connect ground cable to battery		AR54.10-P-0003T
22 	Perform basic programming		AR00.19-P-0200T
23.1 	Flash MOST components Control unit flashing	 Flash those MOST components that do not have the latest software release. STAR DIAGNOSIS diagnosis system.	AR54.21-P-0012Y *WE58.40-Z-1013-06A

24	Perform version coding subsequently	 After completing the variant coding, perform a quick test and delete the fault memory. STAR DIAGNOSIS diagnosis system.	AN82.61-P-0001-05TB *WE58.40-Z-1013-06A
25	Perform function check of COMAND		
26	Add special equipment to the vehicle data card and to the online vehicle data card	 Enter COMAND APS with navigation (Code 527) and delete MB Audio 50 APS radio (Code 525). Delete old radio identification number and enter new one.	

Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00
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Parts ordering notes

Part no.	Designation	Quantity
B6 782 35 52	COMAND APS retrofit kit	1
A211 693 01 17	Covering for left of luggage compartment (only required for vehicles up to chassis end number A 644804 or X170410 with one of the following codes: 220/404/405/433/434/475/550/889)	1
A211 690 01 53	Trim for left of luggage compartment for vehicles up to chassis end number A 644804 or X170410 with code 287 (only required for vehicles without one of the following codes: 220/404/405/433/434/475/550/889)	1
A211 690 99 25	Trim for left of luggage compartment for vehicles up to chassis end number A 644804 or X170410 without code 287 (only required for vehicles without one of the following codes: 220/404/405/433/434/475/550/889)	1
A211 690 87 53	Trim for left of luggage compartment for vehicles as from chassis end number A 644805 or X170411 with code 287	1
A211 690 79 53	Trim for left of luggage compartment for vehicles as from chassis end number A 644805 or X170411 without code 287	1
A211 545 63 40	Bracket (only required for vehicles without one of the following codes: 220/475/550/889)	1
N910 112 006 003	M6 nut (only required for vehicles without one of the following codes: 220/475/550/889)	1
N910 143 006 000	M6x12 bolt (only required for vehicles without one of the following codes: 220/889)	1
KG82 (see EPC)	Audio gateway control unit for code 527 (only required if it has to be replaced according to step 1)	1
KG82 (see EPC)	Hands-free system control unit (only required if it has to be replaced according to step 1)	1
KG82 (see EPC)	Vehicle interface for portable CTEL (only required if it has to be replaced according to step 1)	1
KG82 (see EPC)	CD changer (only required if it has to be replaced according to step 1)	1
A000 983 89 10	Self-adhesive felt strips	As required
A005 997 62 90	Tie strap	As required