Document title Overview of automatic climate control system components

Document number gf8340p9995fl

MODEL 212

Heated rear window (HHS), shown on model 212.0

A1 Instrument cluster

B14 Outside temperature sensor CDI control unit (diesel engine, N3/9

with engine 642 positioned on right, with engine 651 positioned

at center)

ME-SFI [ME] control unit N3/10 (gasoline engine, with engine

156 located on right, with engine 271, 274, 276 located on left, with engine 157, 272, 273, 278

located in center)

N10/1 Front SAM control unit with fuse

and relay module

N10/2 Rear SAM control unit with fuse

and relay module

N10/2kC Heated rear window relay

N22/7 Automatic air conditioning control

and operating unit

N22/7s1 Rear window heater button N30/4 Electronic Stability Program

control unit (model 212 (except 212.074/075/076/077/092/095/098/ 274/275/276/277/292/298) except CODE 233 (DISTRONIC PLUS))

Regenerative braking system

N30/6 control unit (model

212.095/098/298)

N30/7 Premium Electronic Stability

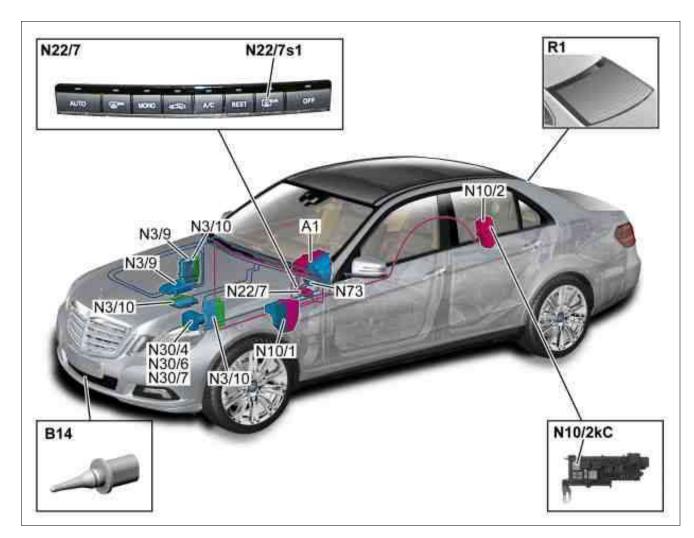
Program control unit (model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/077/092/2

74/275/276/277/292)

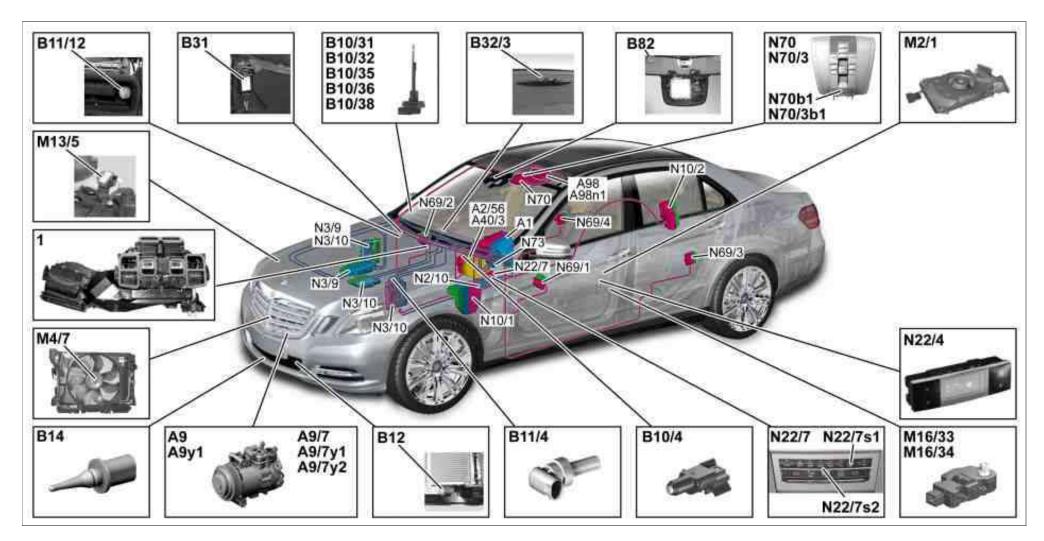
N73 Electronic ignition switch control

unit

R1 Rear window heater

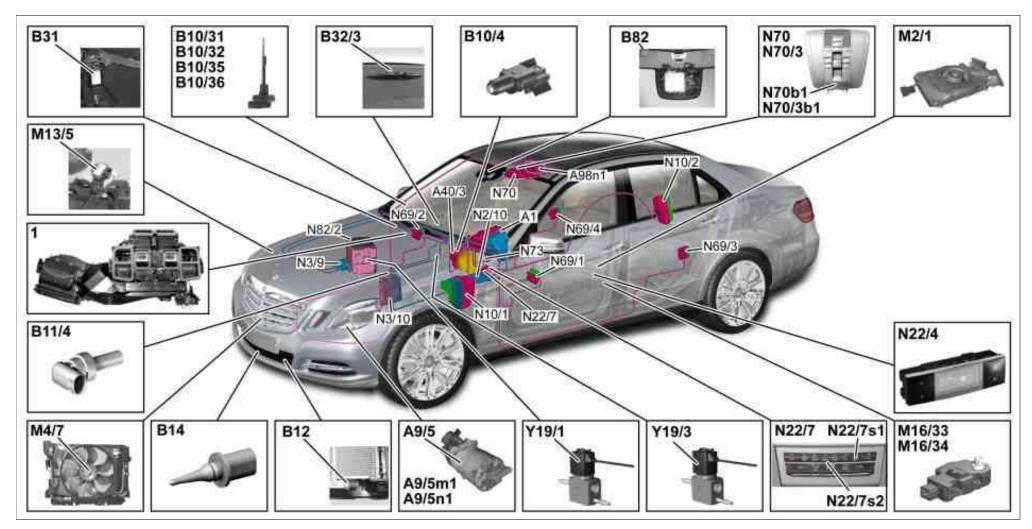


P67.29-2123-76



P83.40-4731-79

1	Air conditioning housing	M2/1	Rear blower motor (with CODE 581 (Comfort automatic air conditioning))
A1	Instrument cluster	M4/7	Combustion engine and air conditioning with integrated control fan motor
A2/56	Radio with auto pilot system (with CODE 511 (Audio 50 APS with DVD changer))	M13/5	Coolant circulation pump (with CODE 581 (Comfort automatic air conditioning) or CODE 965 (Electrical preinstallation for rental car) or CODE B03 (ECO start/stop function))
A9	A/C compressor (except CODE B09 (A/C compressor with magnetic clutch))	M16/33	Left B-pillar air distribution actuator motor (with CODE 581 (Comfort automatic air conditioning))
A9y1	A/C compressor regulating valve (except CODE B09 (A/C compressor with magnetic clutch))	M16/34	Right B-pillar air distribution actuator motor (with CODE 581 (Comfort automatic air conditioning))
A9/7	A/C compressor with magnetic clutch (with CODE B09 (A/C compressor with magnetic clutch))	N2/10	Supplemental restraint system control unit
A9/7y1	A/C compressor regulating valve (with CODE B09 (A/C compressor with magnetic clutch))	N3/9	CDI control unit (diesel engine, with engine 642 positioned on right, with engine 651 positioned at center)
A9/7y2	A/C compressor magnetic clutch (with CODE B09 (A/C compressor with magnetic clutch))	N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 156 located on right, with engine 271, 274, 276 located on left, with engine 157, 272, 273, 278 located in center)
A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or with CODE 527 (COMAND APS with single DVD drive (with navigation)) or with CODE 531 (COMAND APS))	N10/1	Front SAM control unit with fuse and relay module
A98	Panoramic sliding sunroof control module (with CODE 413 (Panoramic glass sunroof with top sliding sunroof))	N10/2	Rear SAM control unit with fuse and relay module
A98n1	Panoramic sliding sunroof control unit (with CODE 413 (Panoramic glass sunroof with top sliding sunroof))	N22/4	Rear automatic climate control operating unit (with code (581) Comfort automatic air conditioning)
B10/4	Interior temperature sensor	N22/7	Automatic air conditioning control and operating unit
B10/31	Left side air outlet temperature sensor	N22/7s1	Rear window heater button
B10/32	Right side air outlet temperature sensor	N22/7s2	Air recirculation mode button
B10/35	Left front footwell air outlet temperature sensor	N69/1	Left front door control unit
B10/36	Right front footwell air outlet temperature sensor	N69/2	Right front door control unit
B10/38	Rear footwell vent air outlet temperature sensor (with CODE 581 (Comfort automatic air conditioning) up to 28.02.2011)	N69/3	Left rear door control unit
B11/4	Coolant temperature sensor	N69/4	Right rear door control unit
B11/12	Dew point sensor (with CODE 581 (Comfort automatic air conditioning) up to 31.05.2010)	N70	Overhead control panel control unit (with CODE 414 (Power glass tilting/sliding roof))
B12	Refrigerant pressure sensor	N70b1	Interior temperature sensor with integrated fan (with CODE 414 (Power glass tilting/sliding roof))
B14	Outside temperature sensor	N70/3	Overhead control panel electronics (except CODE 414 (Power glass tilting/sliding roof))
B31	Pollutant sensor (with CODE 581 (Comfort automatic air conditioning))	N70/3b1	Interior temperature sensor with integrated fan (except CODE 414 (Power glass tilting/sliding roof))
B32/3	Sun sensor	N73	Electronic ignition switch control unit
B82	Humidity/temperature sensor Vehicle interior (as of 01.12.2009 or with CODE B03 (ECO start/stop function))		



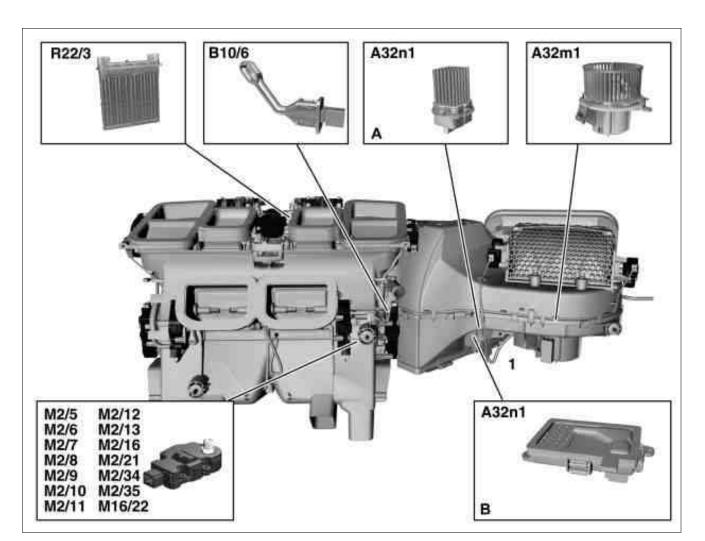
Automatic air conditioning, model 212.095/098/298, shown on model 212.098

1	Air conditioning housing	M16/34	Right B-pillar air distribution actuator motor (with CODE 581 (Comfort automatic air conditioning))
A1	Instrument cluster	N2/10	Supplemental restraint system control unit
A9/5	Electric refrigerant compressor	N3/9	CDI control unit (diesel engine, with engine 651 positioned at center)
A9/5m1	Refrigerant compressor electric motor	N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned at left)
A9/5n1	Refrigerant compressor control unit and power electronics	N10/1	Front SAM control unit with fuse and relay module
A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or with CODE 527 (COMAND APS with single DVD drive (with navigation)) or with CODE 531 (COMAND APS))	N10/2	Rear SAM control unit with fuse and relay module
A98	Panoramic sliding sunroof control module (with CODE 413 (Panoramic glass sunroof with top sliding sunroof))	N22/4	Rear automatic climate control operating unit (with code (581) Comfort automatic air conditioning)
A98n1	Panoramic sliding sunroof control unit (with CODE 413 (Panoramic glass sunroof with top sliding sunroof))	N22/7	Automatic air conditioning control and operating unit
B10/4	Interior temperature sensor	N22/7s1	Rear window heater button
B10/31	Left side air outlet temperature sensor	N22/7s2	Air recirculation mode button
B10/32	Right side air outlet temperature sensor	N69/1	Left front door control unit
B10/35	Left front footwell air outlet temperature sensor	N69/2	Right front door control unit
B10/36	Right front footwell air outlet temperature sensor	N69/3	Left rear door control unit
B11/4	Coolant temperature sensor	N69/4	Right rear door control unit
B12	Refrigerant pressure sensor	N70	Overhead control panel control unit (with CODE 414 (Power glass tilting/sliding roof))
B14	Outside temperature sensor	N70b1	Interior temperature sensor with integrated fan (with CODE 414 (Power glass tilting/sliding roof))
B31	Pollutant sensor (with CODE 581 (Comfort automatic air conditioning))	N70/3	Overhead control panel electronics (except CODE 414 (Power glass tilting/sliding roof))
B32/3	Sun sensor	N70/3b1	Interior temperature sensor with integrated fan (except CODE 414 (Power glass tilting/sliding roof))
B82	Vehicle interior humidity/temperature sensor	N73	Electronic ignition switch control unit
M2/1	Rear blower motor (with CODE 581 (Comfort automatic air conditioning))	N82/2	Battery management system control unit
M4/7	Combustion engine and air conditioning with integrated control fan motor	Y19/1	High-volt battery cooling system shutoff valve
M13/5	Coolant circulation pump	Y19/3	Evaporator shutoff valve
M16/33	Left B-pillar air distribution actuator motor (with CODE 581 (Comfort automatic air conditioning))		

Automatic air conditioning

M2/21

1	Air conditioning housing
A32m1	Blower motor
A32n1	Blower regulator
B10/6	Evaporator temperature sensor
M2/5	Fresh air/air recirculation flap
	actuator motor
M2/6	Left blending air flap actuator
M2/7	Right blending air flap actuator
M2/8	Left defroster flap actuator motor
	(with CODE 581 (Comfort
	automatic air conditioning))
M2/9	Right defroster flap actuator motor
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M2/10	•
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M2/11	,
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140/40	•,,
M2/12	
140/10	•,,
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M2/9 M2/10 M2/11 M2/12 M2/13 M2/16	automatic air conditioning)) Right defroster flap actuator motor (with CODE 581 (Comfort automatic air conditioning)) Left footwell flap actuator motor (with CODE 581 (Comfort automatic air conditioning)) Right footwell flap actuator motor (with CODE 581 (Comfort automatic air conditioning)) Left center air vent flap actuator motor (with CODE 581 (Comfort automatic air conditioning)) Right center air vent flap actuator motor (with CODE 581 (Comfort automatic air conditioning)) Defroster flap actuator motor (except CODE 581 (Comfort automatic air conditioning))



P83.40-3703-06

Diffuser flap actuator motor (with CODE 581 (Comfort automatic air

conditioning))

M2/34	Ram air flap actuator motor (with CODE 581 (Comfort automatic air
	conditioning) up to 31.05.2010)
M2/35	Rear blend air flap actuator motor (with CODE 581 (Comfort
	automatic air conditioning))
M16/22	Air distribution flap actuator motor
	(except CODE 581 (Comfort
	automatic air conditioning))
R22/3	PTC heater booster (Engine 271.8

274.9, 642.8 to 28.02.2013 or 651.9)
Up to 31.05.2010
As of 01.06.2010 Α В

Component description for instrument cluster	A1	GF54.30-P-6000FL
Component description for radio with auto pilot system	MODEL 212 with CODE 511 (Audio 50 APS with DVD	GF82.61-P-4112FLA
Component description for algebric refrigerent	changer) A2/56	CE02 55 D 2440ELL
Component description for electric refrigerant compressor	MODEL 212.095/098/298 A9/5	GF83.55-P-2110FLH
Component description for COMAND controller unit	with CODE 512 (COMAND APS with DVD changer) MODEL 212 up to model year 2013 with CODE 527 (COMAND APS with single DVD drive (with navigation))	GF82.85-P-3136FL
	without CODE 498 (Japanese version) A40/3	
	MODEL 212 up to model year 2013 with CODE 498 (Japanese version) with CODE 527 (COMAND APS with single DVD drive (with navigation)) A40/3	GF82.85-P-3136FLJ
	MODEL 212 as of 6/1/12 up to 3/1/15 up to model year 2016 with CODE 512 (COMAND APS with DVD changer) MODEL 212 as of 6/1/12 up to 3/1/15	GF82.85-P-3136FLB
	up to model year 2016 with CODE 527 (COMAND APS with single DVD drive (with navigation)) A40/3	
	MODEL 212 as of 3/2/15 as of model year 2016 with CODE 531 (COMAND APS) A40/3	GF82.85-P-3136FLM
Component description for panoramic sliding roof control module	MODEL 212 with CODE 413 (Panoramic glass roof with top sliding roof) A98, A98n1	GF77.20-P-4106FL
Supplemental restraint system control unit, component description	N2/10	GF91.60-P-4080FL
Component description for CDI control unit	MODEL 212 with ENGINE 642.8 N3/9	GF07.16-P-6000OG
	MODEL 212.098/298 with ENGINE 651.924 up to model year 2014 N3/9	GF07.16-P-6000OLH
	MODEL 212.098/298 with ENGINE 651.924 as of model year 2014 N3/9	GF07.16-P-6000OLI
	MODEL 212.098/298 with ENGINE 651.9 as of 9/1/14 as of model year 2014	GF07.16-P-6000OLJ
	N3/9 MODEL 212 (except 212.098/298) with ENGINE 651.9Delphi N3/9	GF07.16-P-6000OM
	MODEL 212 (except 212.098/298) with ENGINE 651.9 as of 9/1/13 with CODE 494 (US version)Bosch N3/9	GF07.16-P-6000OMD
Component description for ME-SFI (ME) control unit	MODEL 212 with ENGINE 156.9 N3/10	GF07.61-P-6000MAW
	MODEL 212 with ENGINE 157.9 MODEL 212 with ENGINE 278.9 N3/10	GF07.61-P-6000MMA
	MODEL 212 with ENGINE 271.8	GF07.61-P-6000MG

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