

MODEL 212.0 (except 212.007/074/077/092/095/098) up to 4/14/13
up to model year 2014

with CODE 512 (COMAND APS with DVD changer)
without CODE 460 (Canada version)
without CODE 494 (US version)
without CODE 498 (Japanese version)
without CODE 830 (China version)
without CODE P44 (Parking package)

MODEL 212.0 (except 212.007/074/077/092/095/098) up to 4/14/13
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with CODE 527 (COMAND APS)
without CODE 460 (Canada version)
without CODE 494 (US version)
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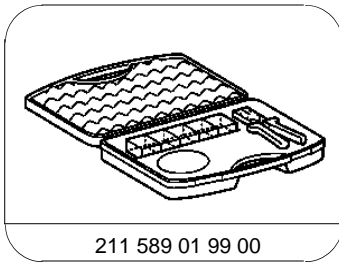
B84/3 Backup camera



P54.65-4018-01

ⓘ	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
✖	Remove		
1	Move drivers seat toward rear		
2	Remove left front and rear door sill		
AR			AR68.30-P-4100EW
3	Loosen front edge guard in the area of the A-pillar cover and in the area of the door sill		
4	Remove left A-pillar cover in footwell		
5	Remove cover below left of instrument panel		
6	Remove center console		
AR			AR68.20-P-2000EW
7	Remove left front floor covering in footwell		
8	Release COMAND controller unit		
AR		ⓘ Do not detach wiring harnesses.	AR82.60-P-7502EW
9	Remove trims in trunk		
AR			AR68.30-P-4600EW
10	Remove trunk lid handle strip		
AR		ⓘ Remove trunk lid trim completely. Replace old trunk lid handle strip by the trunk lid handle strip contained in the scope of supply.	AR88.50-P-5062EW
11.1	Remove side bolster on rear seat backrest	Vehicles with CODE 287 (Through-loading feature)	
AR			AR91.12-P-1710CW
11.2	Remove rear seat backrest	Vehicles without CODE 287 (Through-loading feature) Vehicles without CODE 224 (Design individual rear seat system)	
AR			AR91.12-P-1620CW

AR		Vehicles with CODE 224 (Design individual rear seat system)	AR91.12-P-1620EW
	Install		
12	Retrofit reversing camera power supply module		AN54.65-P-0030-01EW
13	Retrofit reversing camera wiring harness (B84/3)	Cavity preservation, solvent-free (1 l container) Wiring harness repair kit	AN54.65-P-0030-03EW *BR00.45-Z-1003-05A *211589019900
14	Install remaining parts		
15	Enter special equipment in online vehicle data card via vehicle documentation system (VeDoc)	i Add: ● CODE 218 (Reversing camera)	
16	Document retrofitted equipment in VeDoc	i Attach a note "Reversing camera retrofitted as per AN54.65-P-0030EW" under field organization texts for DG 54.	
17	Connect Star Diagnosis and select vehicle via the vehicle identification number (VIN)		AD00.00-P-2000-04A
AD			
18	Perform variant coding with XENTRY using the software calibration number (SCN)	i Variant coding with XENTRY using the SCN must be carried out for the following control unit: ● "Front SAM with fuse and relay module"	
19	Disconnect Star Diagnosis		AD00.00-P-2000-04A
AD			
	Check		
20	Perform function test		



211 589 01 99 00

Wiring harness repair kit

Repair materials

Number	Designation	Order number
BR00.45-Z-1003-05A	Cavity preservation, solvent-free (1 l container)	A 000 986 72 70 05

Parts ordering note

Part no.	Designation	Quantity
KG 99 (siehe EPC)	Reversing camera, scope of supply	1

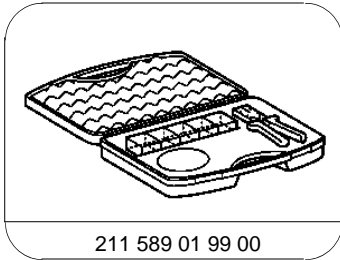
MODEL 212.0

- 1 Mount reversing camera power supply module (N66/10), as shown, onto left cable duct in the rear and clip in.



P54.65-4021-03

MODEL 212.0



211 589 01 99 00

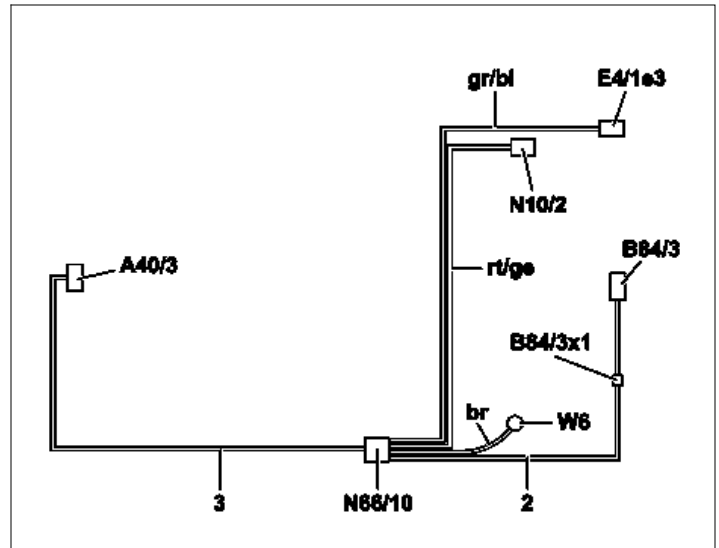
Wiring harness repair kit

Repair materials

Number	Designation	Order number
BR00.45-Z-1003-05A	Cavity preservation, solvent-free (1 l container)	A 000 986 72 70 05

Connection scheme

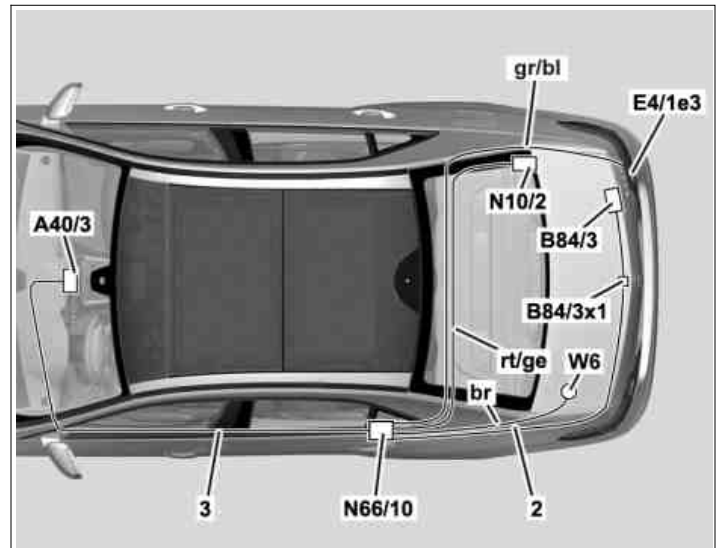
- 2 Electrical line (reversing camera)
- 3 Electrical line (COMAND controller unit)
- A40/3 COMAND control unit
- B84/3 Backup camera
- B84/3x1 Backup camera electrical connector
- E4/1e3 Right backup lamp
- N10/2 Rear SAM control unit with fuse and relay module
- N66/10 Backup camera voltage supply module
- W6 Left rear wheel well ground point
- br Brown line
- gr/bl Gray/blue line
- rt/ge Red/yellow line



P54.65-4020-11

Routing diagram

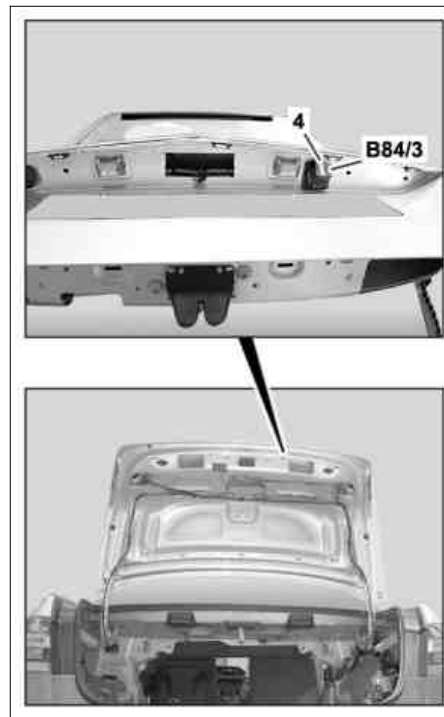
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- W6 Left rear wheel well ground point
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⚠ Ensure that the wiring harnesses are not damaged by chafing or pinching. Otherwise the corresponding wiring harness must be replaced.

- 1 Clip reversing camera (B84/3), as shown, into cutout provided in trunk lid and detach protective foil (4).

i Guide the electrical line through into the interior of the trunk lid.



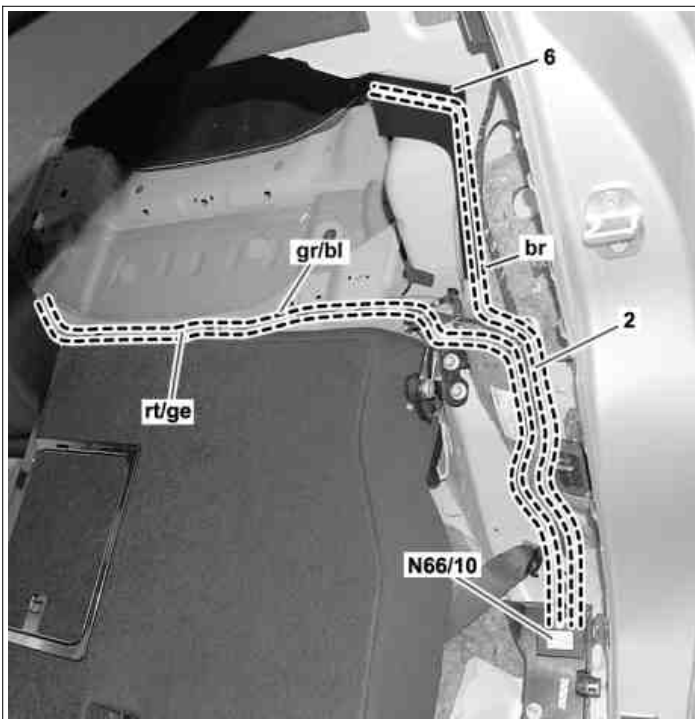
P54.65-4022-03

- 2 Connect black, 4-pin connector and white, 6-pin connector to reversing camera power supply module (N66/10).

- 3 Route electrical line (2) of reversing camera and brown line (BN) through the cable duct (6) to the left side of the trunk.

i If the cable duct (6) is not fitted, this must be retrofitted.

- 4 Route gray/blue line (GY/BU) and red/yellow line (RD/YE) along existing wiring harnesses of reversing camera power supply module (N66/10) to right side of the trunk and fix in place using cable ties.



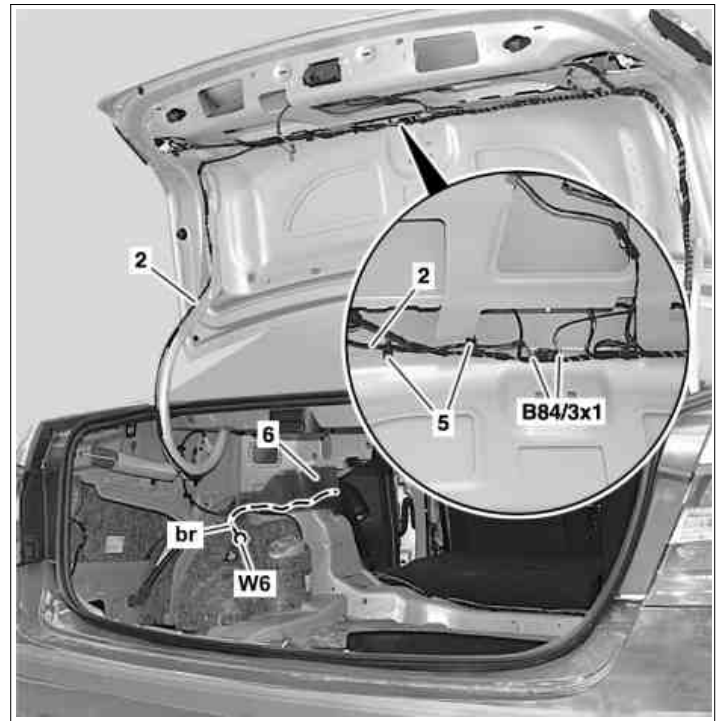
P54.65-4023-12

- 5 Route electrical line (2) from cable duct (6) to reversing camera, clip the clips connected to the electrical line (2) into the corresponding holes and fit clamps (5), as shown, onto the trunk lid.

i Observe wiring in the area of the trunk lid hinge. The electrical line (2) must be routed with adequate clearance.

- 6 Make electrical connection for reversing camera (B84/3x1).

i To do this, connect black 4-pin coupling of electrical line (2) and black 4-pin connector of reversing camera.



P54.65-4024-12

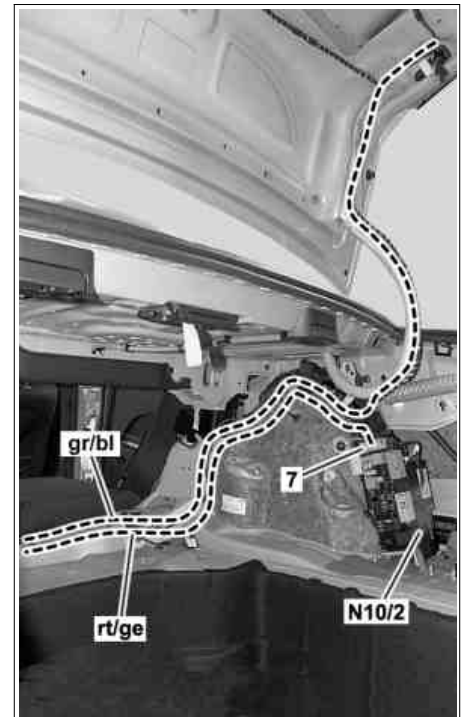
- 7 Apply preservation agent to clamp contact points (5).

- 8 Connect brown line (BN) to ground point, left rear wheel arch (W6).

- 9 Route gray/blue line (GY/YE) along existing wiring harnesses to right backup lamp and fix in place using cable ties.


i Observe wiring in the area of the trunk lid hinge. The gray/blue (gr/bl) must be routed with sufficient freedom of movement.

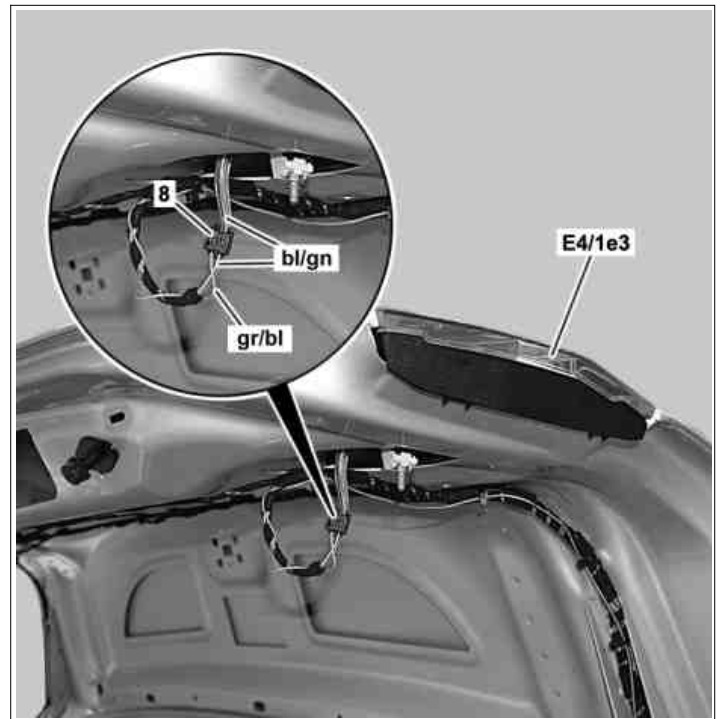
- 10 Route red/yellow line (RD/YE) along existing wiring harnesses to green fuse carrier (7) of rear SAM control unit with fuse and relay module (N10/2) and fix in place with cable ties.



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- 11 Connect gray/blue (GY/BU) of reversing camera wiring harness to the blue/green line (BU/GN) of right backup lamp (E4/1e3) using potential distributor (8) and wrap felt tape around potential distributor (8).

i The potential distributor (8) can be obtained from the wiring harness repair kit .



P54.65-4026-12

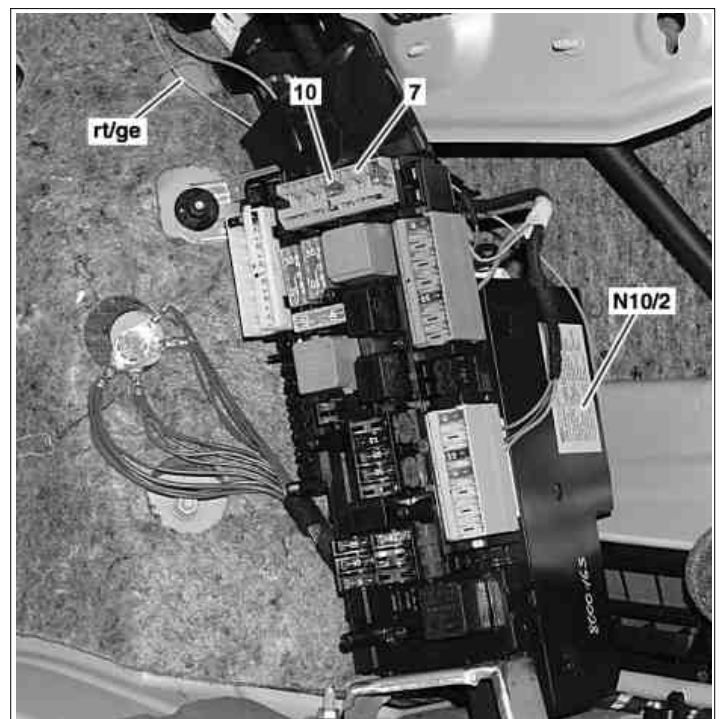
- 12 Remove green fuse carrier (7) from rear SAM control unit with fuse and relay module (N10/2).

- 13 Install red/yellow line (RD/YE) into contact cavity 4 of green fuse carrier (7).

- 14 Check fuse assignment of green fuse carrier (7).

i If necessary, replace fuse (10) with a fuse rating of 5 A.

- 15 Mount green fuse carrier (7) onto rear SAM control unit with fuse and relay module (N10/2).



P54.65-4027-12

- 16 Route electrical line (3) from reversing camera power supply module (N66/10) in the existing cable ducts along existing wiring harnesses to the radio recess and fix in place using cable ties.




P54.65-4028-03

- 17 For vehicles without CODE 518 (Media Interface) and without CODE 610 (Night View Assist) Install electrical line (3) into the green, 2-pin connector (9) included in the scope of supply, and plug green, 2-pin connector (9) onto green slot of COMAND controller unit (A40/3).
- 18 For vehicles with CODE 518 (Media Interface) or with CODE 610 (Night View Assist) Remove green, 2-pin connector (9) from COMAND controller unit (A40/3), install electrical line (3) into free slot of green, 2-pin connector (9) and plug green, 2-pin connector (9) onto green slot of COMAND controller unit (A40/3).



P54.65-4029-12

- 19 For vehicles with CODE 518 (Media Interface) and with CODE 610 (Night View Assist) Detach green, 2-pin connector (9) from COMAND controller unit (A40/3).
- 20 For vehicles with CODE 518 (Media Interface) and with CODE 610 (Night View Assist) Remove media interface coupling from contact cavity "1" of given green 2-pin coupling (9), wrap with felt tape and strap down onto the vehicle wiring harness.
- 21 For vehicles with CODE 518 (Media Interface) and with CODE 610 (Night View Assist) Install electrical line (3) into free slot of existing green, 2-pin connector (9) and plug green, 2-pin connector (9) onto green slot of COMAND controller unit (A40/3).

 The media interface video feature is no longer available.



P54.65-4029-12