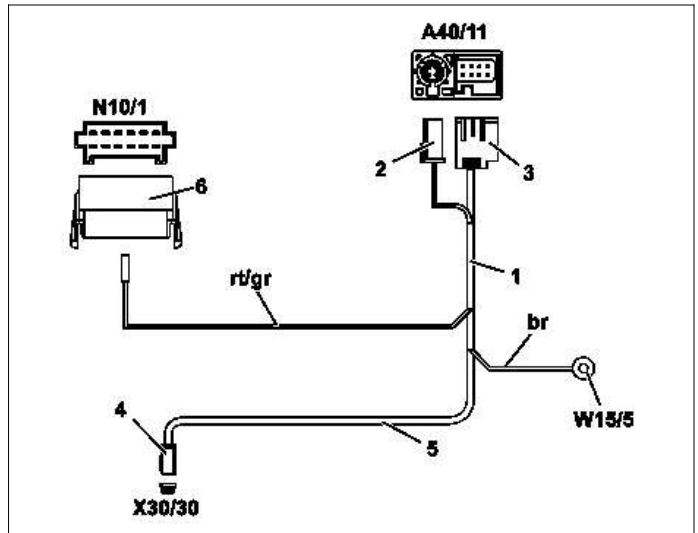


**MODEL 204.0## (except 204.077) 1# as of 3/1/11, 204.2## (except 204.277) 1# as of 3/1/11 as of model year 2012**

**MODEL 204.3## (except 204.377) 1# , 212.0##/2## 1#**

**Connection scheme**

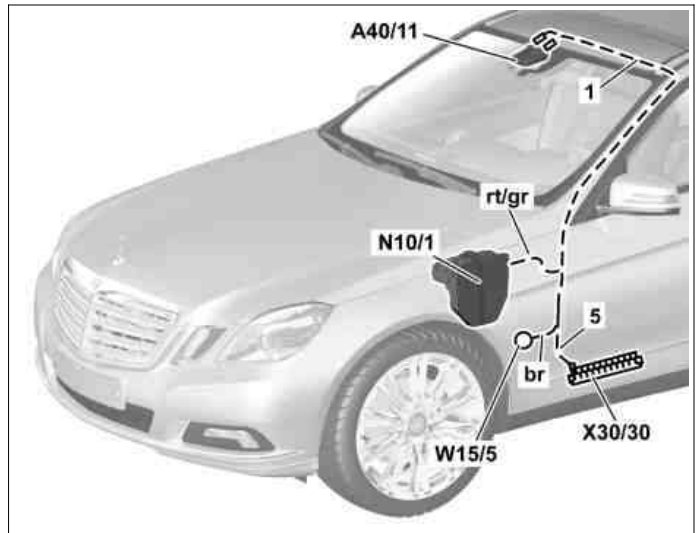
- 1 Multifunction camera wiring harness
- 2 Black 4-pin coupling
- 3 Black 8-pin coupling
- 4 White 2-pin coupling
- 5 Chassis CAN branch-off line
- 6 Yellow 12-pin coupling
- A40/11 Multifunction camera
- N10/1 Front SAM control unit with fuse and relay module
- W15/5 Left front footwell ground point
- X30/30 Vehicle floor chassis CAN voltage distributor electrical connector
- br Brown line
- rt/gr Red/gray line



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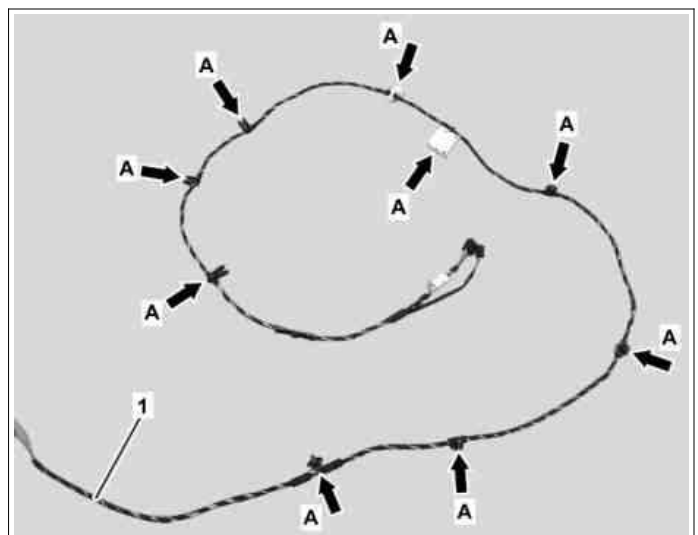
**Routing diagram shown on model 212**

- 1 Multifunction camera wiring harness
- 5 Chassis CAN branch-off line
- A40/11 Multifunction camera
- N10/1 Front SAM control unit with fuse and relay module
- W15/5 Left front footwell ground point
- X30/30 Vehicle floor chassis CAN voltage distributor electrical connector
- br Brown line
- rt/gr Red/gray line



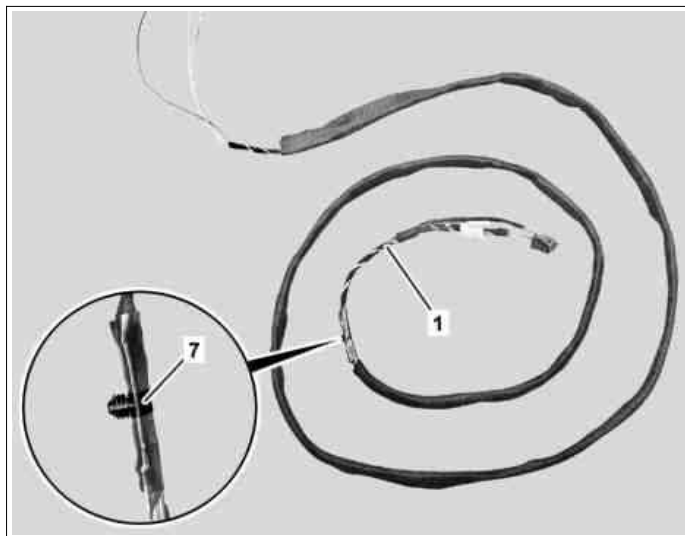
P54.71-2053-11

- 1 Remove mounting clip (arrow A) from multifunction camera wiring harness (1).



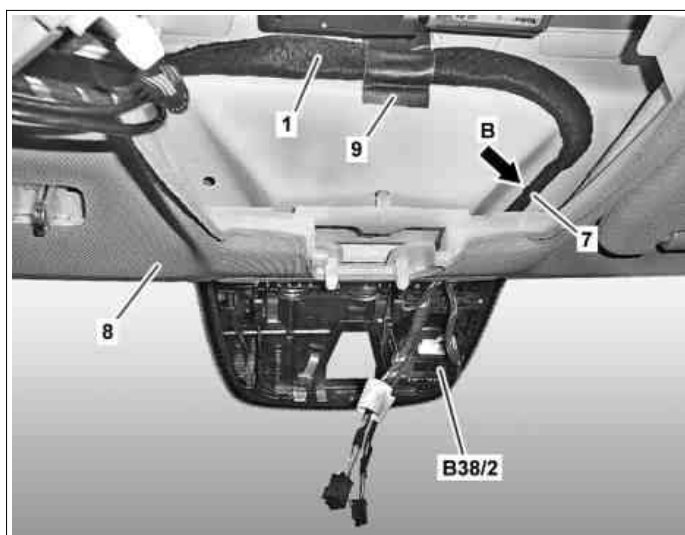
P54.71-2042-11

- 2 Wrap felt tape around multifunction camera wiring harness (1), as shown, from mounting clip (7) to a length of 1800 mm.



P54.71-2043-11

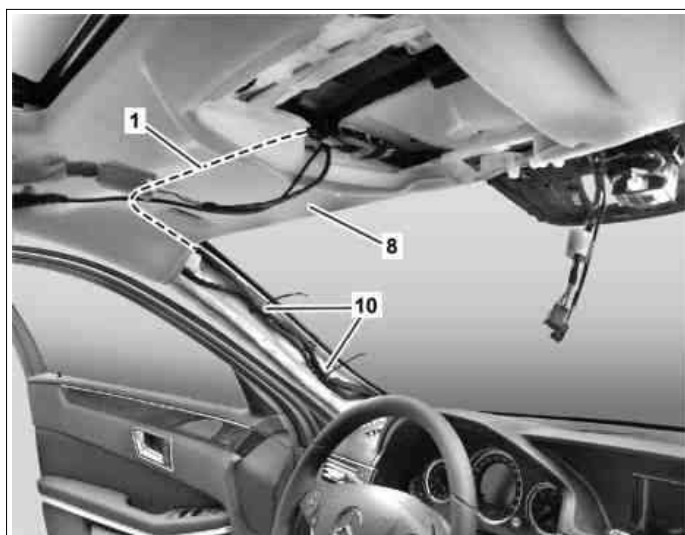
- 3 Starting from opening in headliner (8), route multifunction camera wiring harness (1) along wiring harness of rain/light sensor (B38/2) to windshield.
- 4 Clip mounting clip (7) on multifunction camera wiring harness (1) into bore (arrow B).
- 5 Fix multifunction camera wiring harness (1) in place with adhesive tape (9) as shown.



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- 6 Guide multifunction camera wiring harness (1) under headliner (8) to A-pillar.
- 7 Route multifunction camera wiring harness (1) along A-pillar to driver footwell.
- 8 Fix multifunction camera wiring harness (1) in place on vehicle wiring harness with two cable ties (10).

**i** Route multifunction camera wiring harness (1) with maximum possible clearance from windowbag.

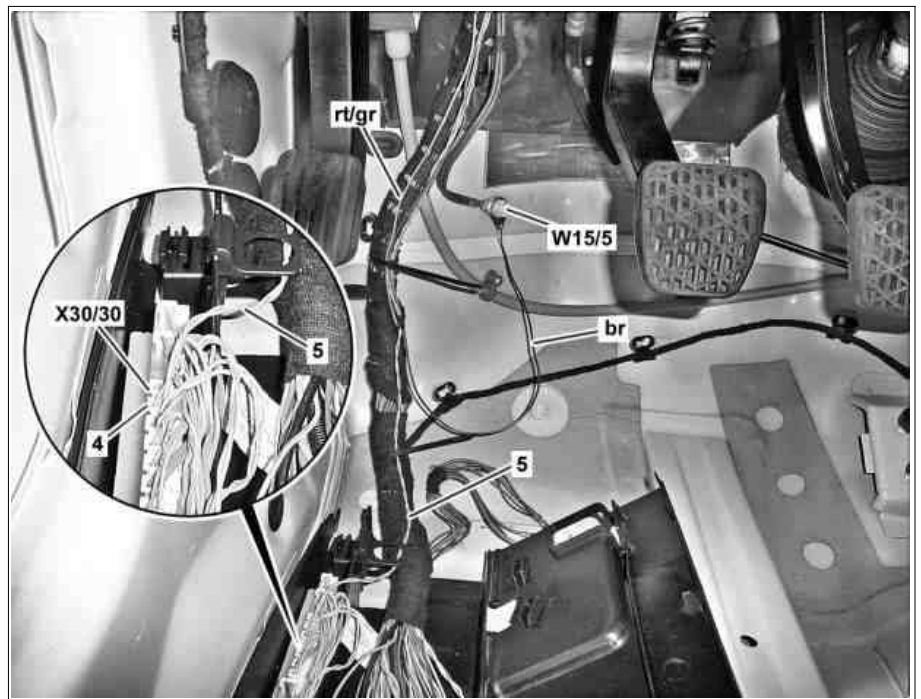


P54.71-2046-11

- 9 Secure brown line (BN) to left front footwell ground point (W15/5).

**i** A maximum of five ground lines may be assigned to the left front footwell ground point (W15/5). Use a different ground point if necessary.

- 10 Connect white 2-pin female connector (4) at chassis CAN branch-off line (5) to vehicle floor chassis CAN potential distributor electrical connector (X30/30).



P54.71-2047-06

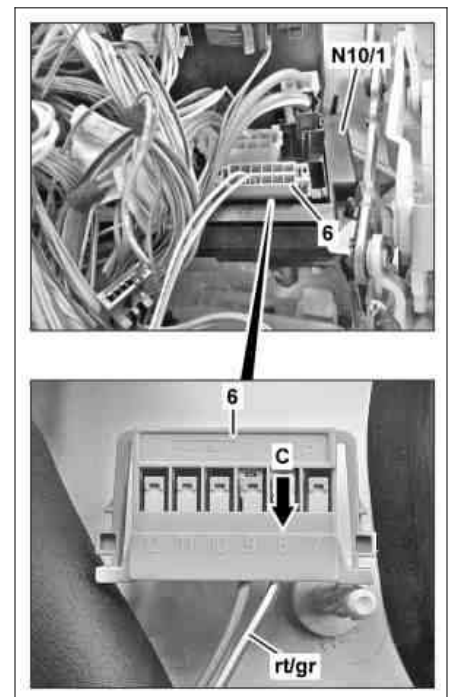
- 11 Route red/gray line (rt/gr) along vehicle wiring harness to front SAM control unit with fuse and relay module in engine compartment.

- 12 Fix brown line (br), chassis CAN branch-off line (5) and red/gray line (rt/gr) to vehicle wiring harness with cable ties.

- 13 Disconnect yellow 12-pin female connector (6) from front SAM control unit with fuse and relay module (N10/1).

**i** The slot for the yellow 12-pin female connector (6) is marked with the designation "2I" on the front SAM control unit with fuse and relay module (N10/1).

- 14 Insert red/gray line (RD/GY) into contact cavity "8" (arrow C) of yellow 12-pin female connector (6).
- 15 Connect yellow 12-pin female connector (6) to front SAM control unit with fuse and relay module (N10/1).
- 16 Tie back any excess length of the red/gray line (rt/gr) and fix in place on vehicle wiring harness with cable ties.



P54.71-2048-03