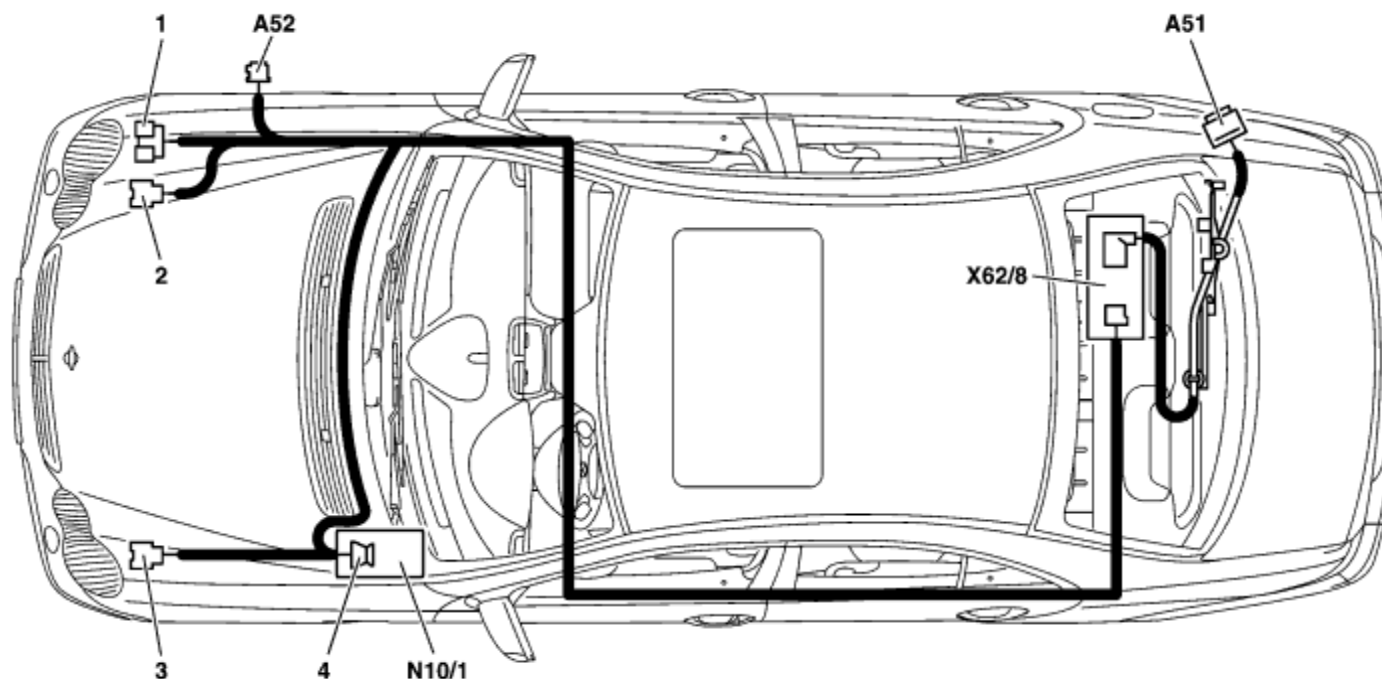


AN82.10-P-0002-03P	Retrofitting headlamp range adjustment wiring harness	MODEL 203	
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P82.10-2788-09

1 Right front headlamp connector
 2 Right front headlamp connector
 3 Left front headlamp connector
 4 Clutch

A51 Rear axle sensor (headlamp range adjustment)
 A52 Front axle sensor (headlamp range adjustment)

N10/1 Front SAM control module with fuse and relay module
 X62/8 Rear axle multiple circuit junction connector

8 Wiring duct
 9 Wiring duct



P54.18-2933-01

1 Open wiring duct (8)

i Wiring duct below battery console.

2 Open wiring duct (9).

3 Route wiring harness with connector (4) and connector on left front headlamp unit (3) below air conditioning pressure lines and master brake cylinder on firewall to front SAM control module with fuse and relay module (N10/1).

5a Clip

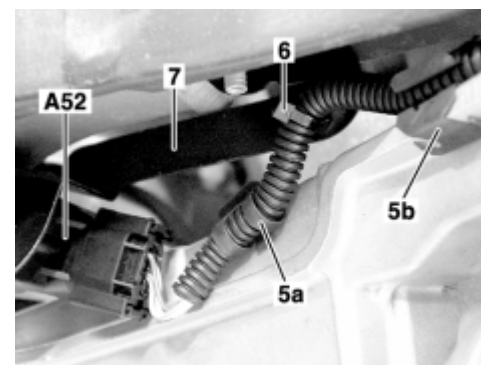
5b Clip

6 Cable strap

7 Bracket

A52 Front axle sensor (headlamp range adjustment)

4 Route wiring harness with connectors on right front headlamp unit (1, 2) and connector on front axle headlamp range adjustment sensor (A52) toward front through wiring ducts (8, 9) and connect to present wiring harness.



P82.10-2787-01

5 Fasten tie-out for front axle headlamp range adjustment sensor (A52) to longitudinal member with cable strap.

6 Install clips (5a, 5b).

10 Insert connector (4) into plug location 24 (24) in front of SAM control module with fuse and relay module (N10/1).

4 Clutch

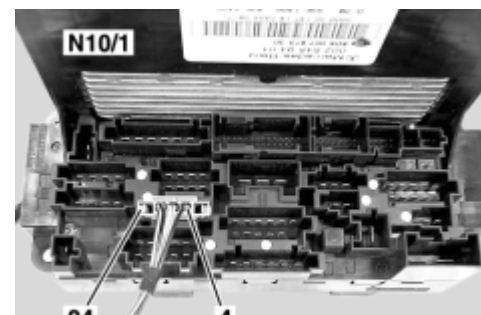
24 Plug location 25

N10/1 Front SAM control module with fuse and relay module

7 Install connector on front axle headlamp range adjustment sensor (A52).

8 Route tie-out.

9 Fasten tie-out to mount (7) with cable strap (6).



P54.21-2142-01

11 Open wiring duct (15).

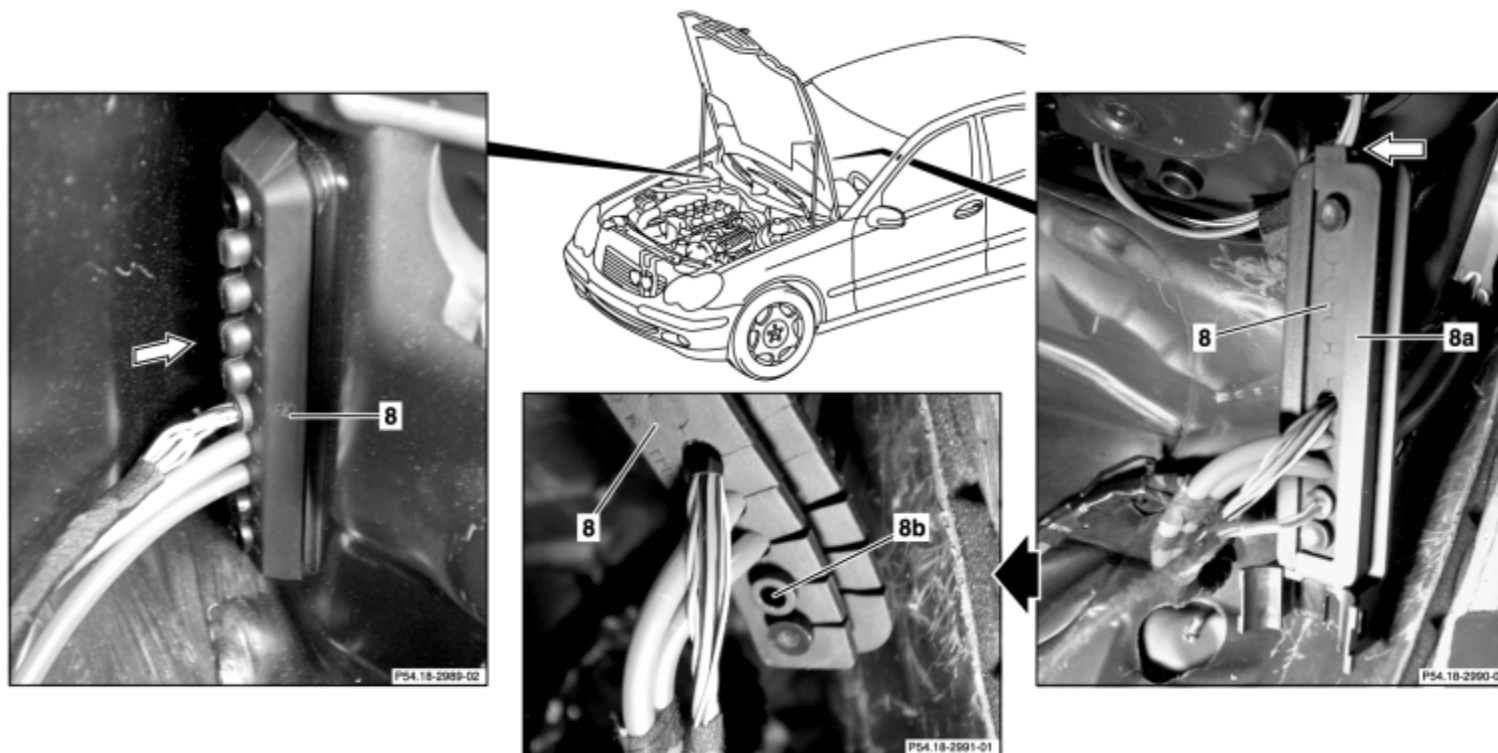
12 Route tie-out with left front headlamp connector (3) toward front and connect to present wiring harness.

13 Close all wiring ducts

i With code (600a) Headlamp cleaning system.



P82.15-2078-01



P82.10-2789-09

8 Lead cutout

14 Press lead cutout (8) out toward passenger compartment.

15 Open frame for lead cutout (8a) at top.

16 Remove plug for lead cutout (8b).

i Part eliminated.

19 Route tie-out with rear axle multiple junction connector (X62/8) in passenger footwell to right rocker panel wiring duct and connect to present wiring harness (arrows).

20 Open wiring ducts in tunnel and left rocker panel.

21 Route tie-out with rear axle multiple junction connector (X62/8) to left rear wheelhouse through wiring ducts of tunnel and left rocker panel.

22 Close wiring ducts of tunnel and left rocker panel.

*8a Frame for lead cutout**8b Plug for lead cutout*

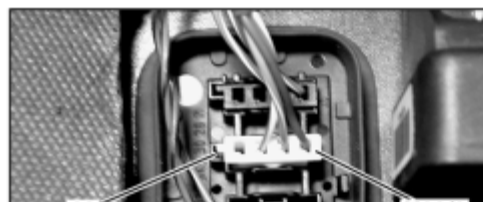
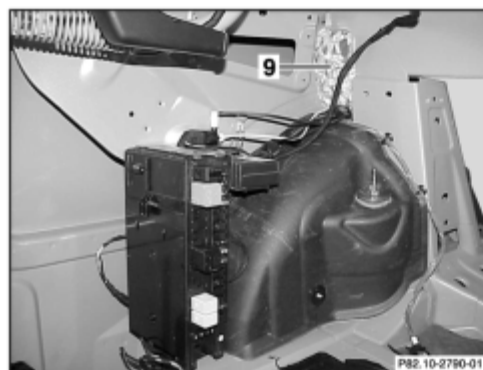
17 Pull tie-out with rear axle multiple junction connector (X62/8) into passenger compartment and insert in lead cutout.

18 Install lead cutout (8).

i Spray in lead cutout (8) with soap solution and insert first at top.



P80.50-2217-01

*9 Absorber**10 Plug location B**11 Wiring duct**X62/8 Rear axle multiple circuit junction connector*

P82.10-2792-06


23 Remove absorber (9).

24 Open wiring duct (11).

25 Route tie-out with rear axle multiple junction connector (X62/8) to rear axle multiple junction connector (X62/8) housing and connect to present wiring harness.

26 Press seal out in plug location B (10) downward with suitable tool.

27 Press in connector into plug location B (10).

 Connector should catch audibly.

28 Close wiring duct (11).

29 Install absorber (9).