

AZ88.40-P-0010-01GQ	Retrofit front illuminated Mercedes star wiring harness		
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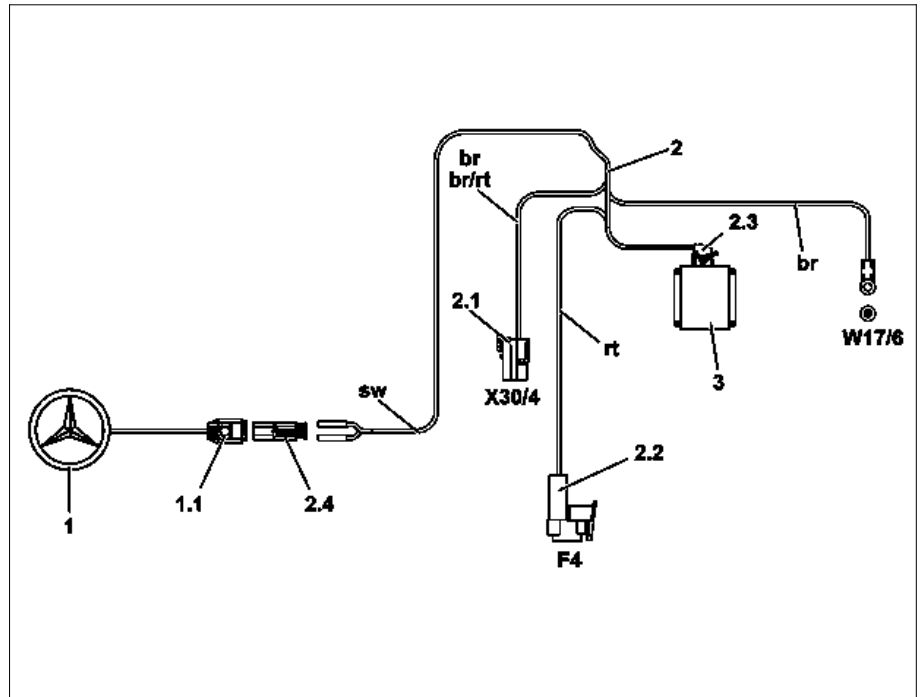
**MODEL 166.0## (except 166.074) 1#**  
**without CODE 233 (DISTRONIC PLUS)**  
**without CODE 239 (DISTRONIC PLUS and BAS PRO)**

**Repair materials**

Number	Designation	Order number
BR00.45-Z-1085-01A	Butyl cord Terostat 81 Ø 6 mm	A 004 989 61 20

**Connection scheme**

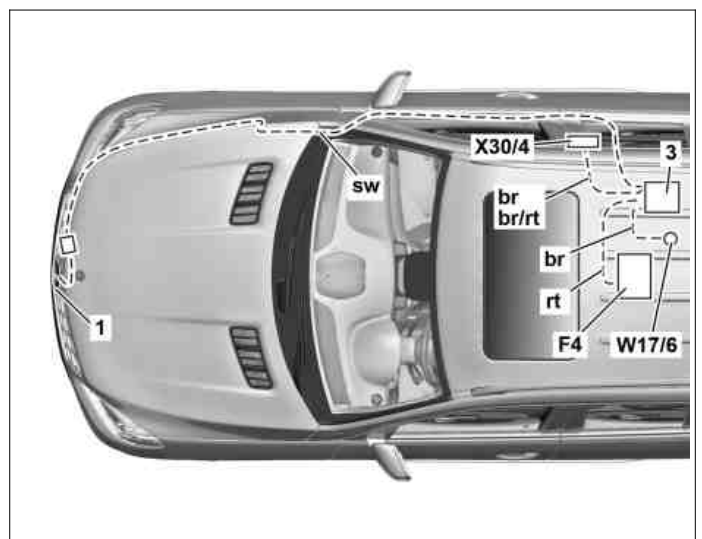
- 1 Illuminated Mercedes star
- 1.1 Black 2-pin coupling
- 2 Wiring harness for illumination Mercedes star
- 2.1 Black 2-pin coupling
- 2.2 Gray fuse carrier
- 2.3 Black 18-pin coupling
- 2.4 Black connector housing
- 3 Control unit
- br Brown line
- br/rt Brown/red line
- rt Red line
- sw Black line
- F4 Rear fuse box
- W17/6 Rear seat crossmember ground point
- X30/4 Right potential distributor electrical connector (CAN)



P88.40-3033-06

**Routing diagram**

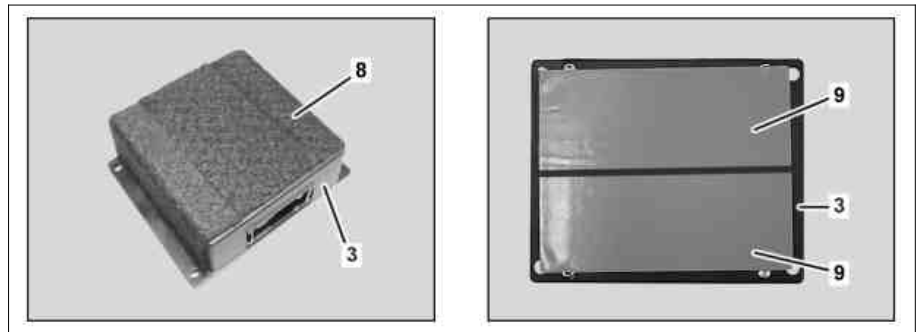
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P88.40-3034-11

1 Stick Velcro strip (9) to control unit (3).

2 Stick felt tape (8) to control unit (3).



P88.40-3035-04

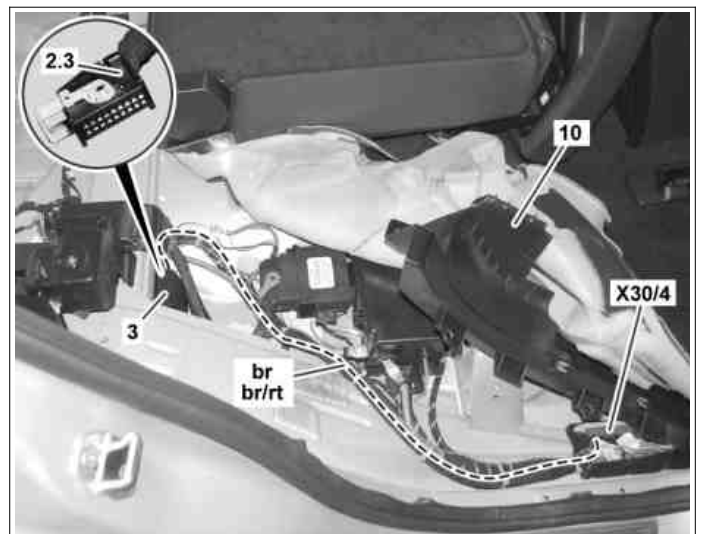
3 Connect black, 18-pin coupling (2.3) on wiring harness for illuminated Mercedes star to control unit (3).

4 Stick control unit (3) using Velcro strip onto crossmember under the rear seat.

5 Detach and raise cable duct (10).

6 Route twisted brown line (BN) and brown/red line (BN/RD) on wiring harness for illuminated Mercedes star from control unit (3) to right potential distributor (CAN) electrical connector (X30/4) and fix in place using cable ties.

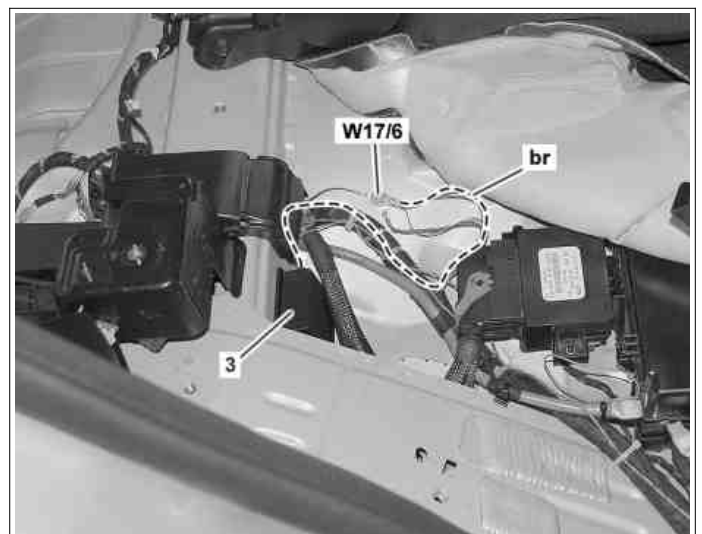
7 Connect black 2-pin connector of twisted brown line (BN) and brown/red line (BN/RD) to right potential distributor (CAN) electrical connector (X30/4).



P88.40-3036-11

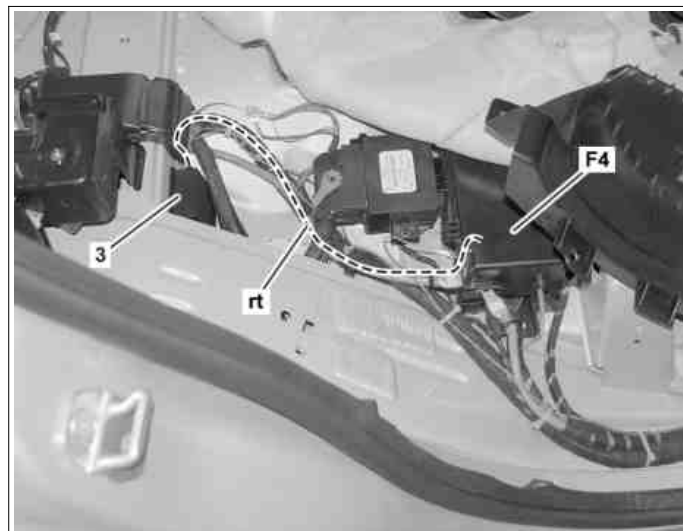
8 Route brown line (BN) of wiring harness for illuminated Mercedes star from control unit (3) to rear seat crossmember ground point (W17/6) and fix in place using cable ties.

9 Connect brown line (BN) of wiring harness for illuminated Mercedes star to rear seat crossmember ground point (W17/6).



P88.40-3037-11

- 10 Route red line (rd) of wiring harness for illuminated Mercedes star from control unit (3) to rear fuse box (F4) and fix in place using cable ties.



P88.40-3038-11

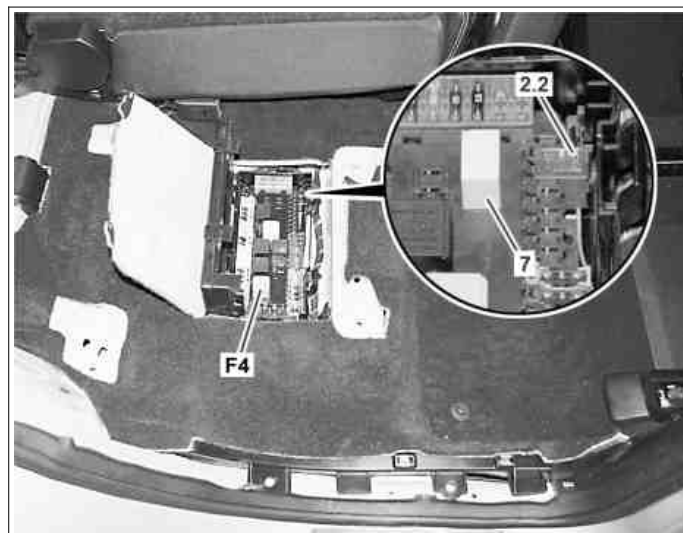
- 11 Plug gray fuse carrier (2.2) of red line into slot "S15" at rear fuse box (F4).

**i** The slot "S15" is labeled.

- 12 Insert fuse with 5 A fuse rating into gray fuse carrier (2.2).

- 13 Plug jumper (7) into slot "i" at rear fuse box (F4).

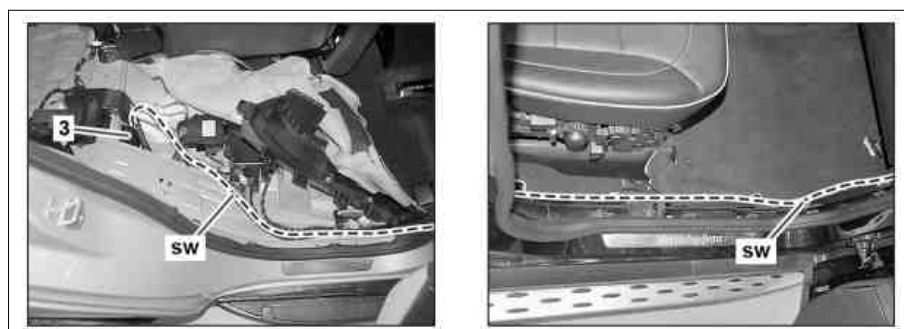
**i** Slot "i" is labeled.



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- 14 Route black line (sw) on wiring harness for illuminated Mercedes star from control unit (3) to firewall in passenger footwell into line ducts and fasten with cable tie.

**i** Use a pull-through device.

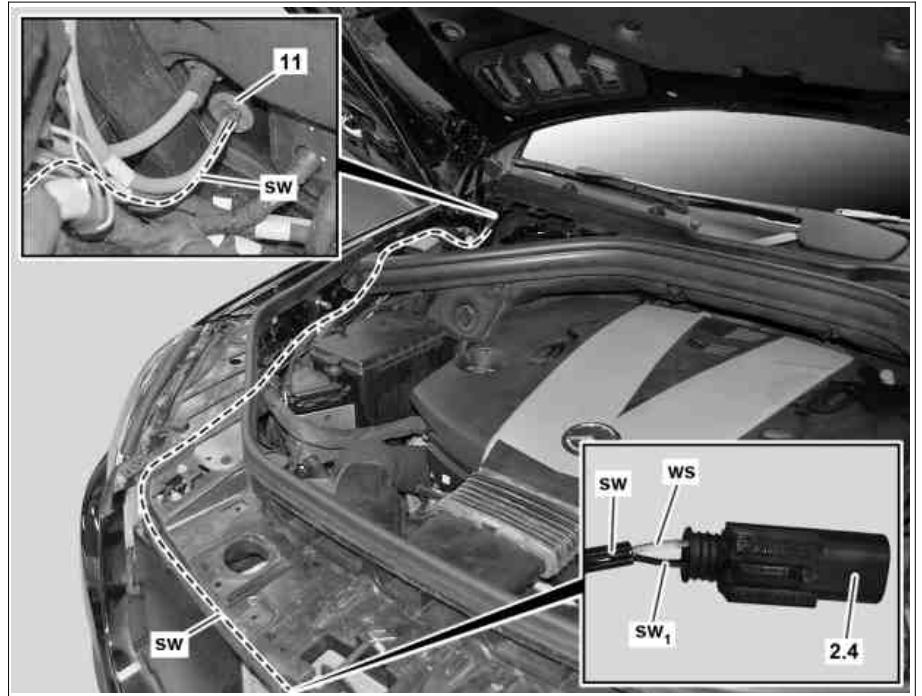


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- 15 Route black line (sw) from vehicle interior through grommet (11) and route along present lines to installation location of Mercedes star and fasten with cable tie.

**i** Use a pull-through device.

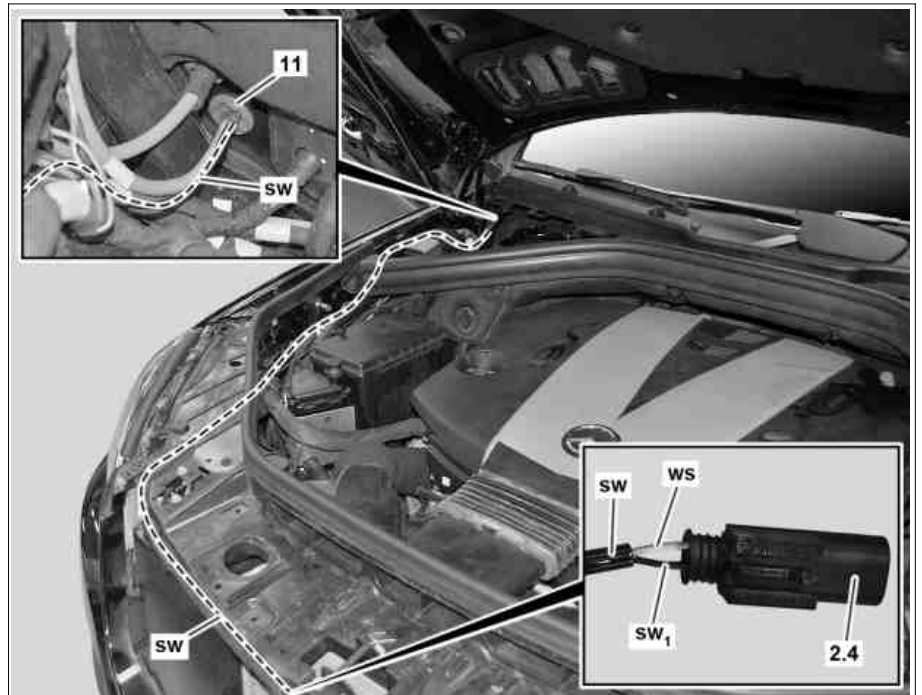
- 16 Seal grommet (11) with Terostat.



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- 17 Install black line tieout (sw<sub>1</sub>) and white line tieout (ws) of black line (sw) into black connector housing (2.4).

**i** Contact cavity assignment:  
 - Chamber 1 = white wiring harness tieout (ws)  
 - Chamber 2 = black wiring harness tieout (sw<sub>1</sub>)  
 Connect black lead (sw) to illuminated Mercedes star later.



P88.40-3041-06