Mercedes-Benz
The best or nothing.

star bulletin

Date:	April 2014
Order No.:	P-B-88.40/91a
Supersedes	P-B-88.40/91
Group:	88

Revision a: Included models: 207 and 218

SUBJECT: **Models 207/212/218**
Permanently Illuminated Star Installation Instructions

Note:

- These US specific instructions are for the star to be illuminated when the ignition is switched on.
- These instructions do not apply to models with DISTRONIC PLUS (Option Code 233/236).

A. Remove Front SAM

1. Remove cover from front SAM.
2. Remove the four screws in the front SAM (Figure 1).

Figure 1

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

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1-800-FOR-MERCedes

Note:

When removing screws:

- Use suitable tool (Figure 2): 50 mm T20 Torx bit locally sourced e.g., Milwaukee® T20 (Figure 2).
- Also shown (Figure 2) is Facom® tools 1\4" ratcheting wrench for the back two screws.

Figure 2

3. Place a piece of tape over the water deflector as shown (Figure 3) to prevent scratches.

Figure 3

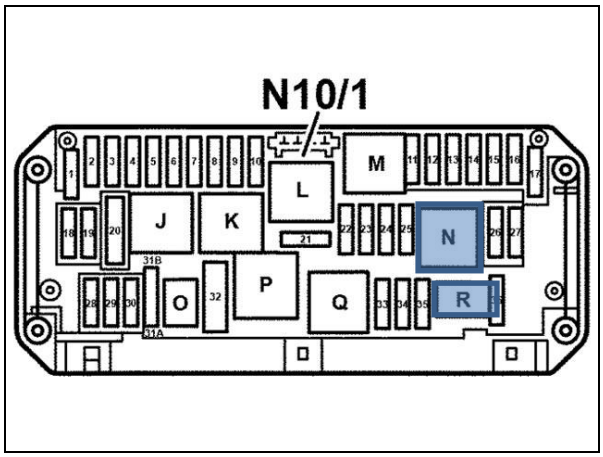

Figure 4

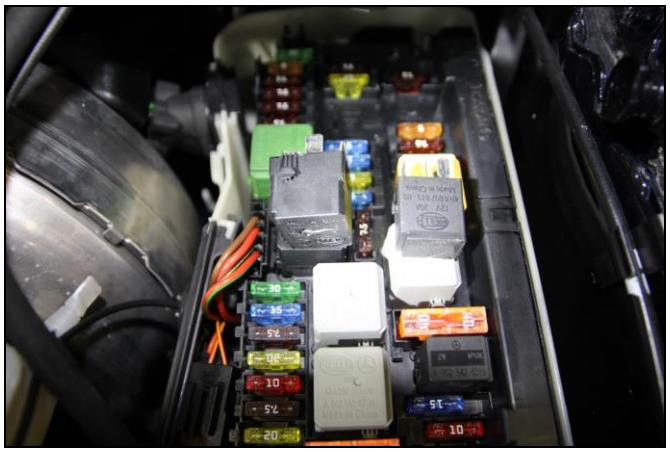

Figure 5

4. To aid in the removal of the front SAM remove: Relay “N” (engine circuit 87) and “R” (chassis circuit 87) relays shown (Figures 4 and 5).

5. Lift the front SAM straight up at the front while moving the bottom slightly to the left to fit the grove in the box. Carefully pull out the SAM (Figure 6).

Figure 6

B. Install Illuminated Star

1. Locate and disconnect connector 11C (Figure 7).

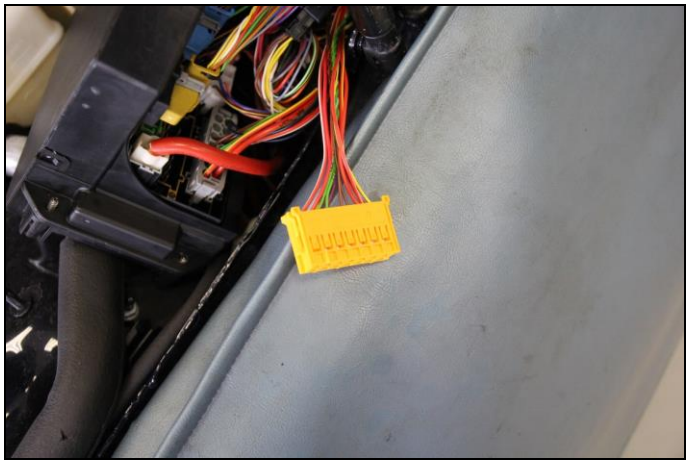

Figure 7

2. Remove pin 13 from the connector housing (Figure 8).

Note:
Wire color is: Yellow / black.

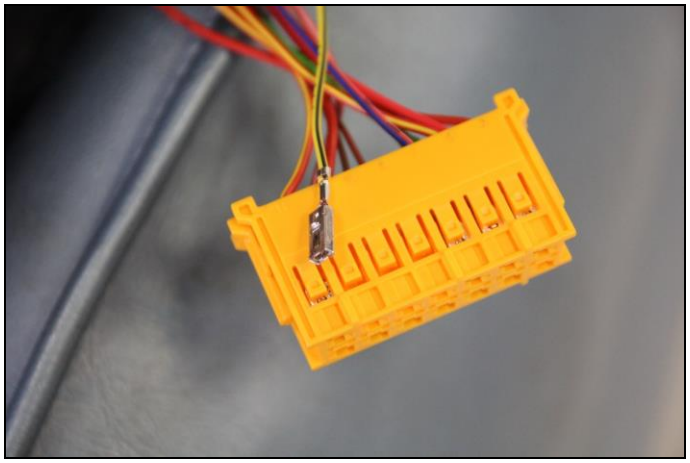

Figure 8

3. Plug in the wire (A, Firgure 9) from 11C, pin 13 into the cavity of the 2 pin connector (arrow, Figure 9) that came with "Y" adapter harness (A207 820 02 04).

Note:
Ensure the wire from the vehicle is in the same cavity as yellow /red wire for the fuse.

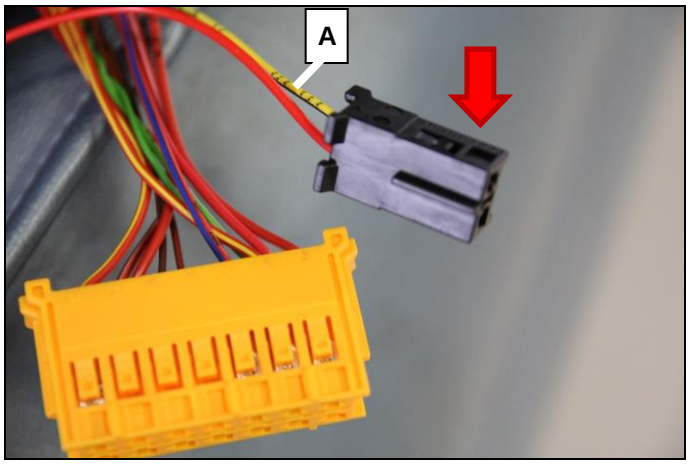

Figure 9

4. Plug the red wire (arrow, Figure 10) from the "Y" adapter harness into cavity 13 on connector 11C.
5. Plug the 11C connecter back into the front SAM.
6. Connect Illuminated star wiring harness (A218 820 00 00) connector pin into 2 pin connector (A, Figure 10).
7. Connect harness (A, Figure 10) into "Y" adapter harness harness (B).
8. Install front SAM.
9. Make sure the fuse is accessible when SAM is installed.

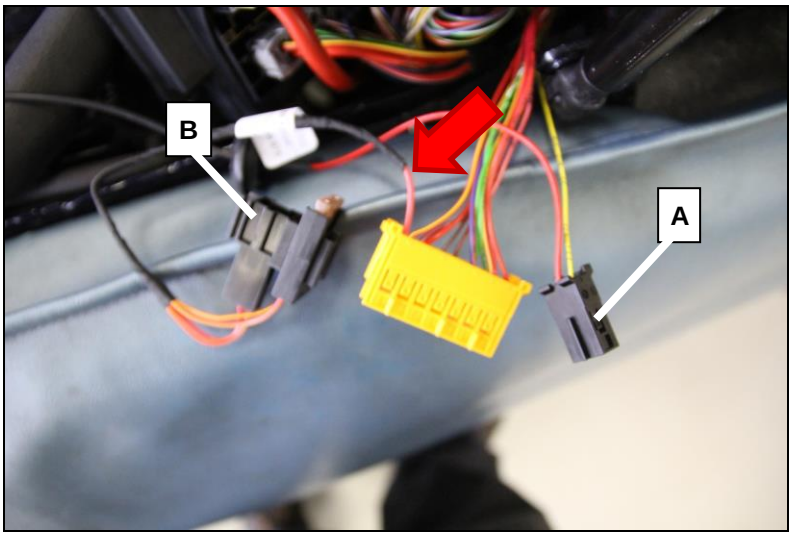

Figure 10

10. Remove plate 5 (Figure 11) from front SAM box.
11. Drill a 21 mm (13/16”) hole in the plate (A, Figure 11).
12. Route the Illuminated star harness through the hole in the plate, securing the grommet.
13. Secure the illuminated star harness as necessary.

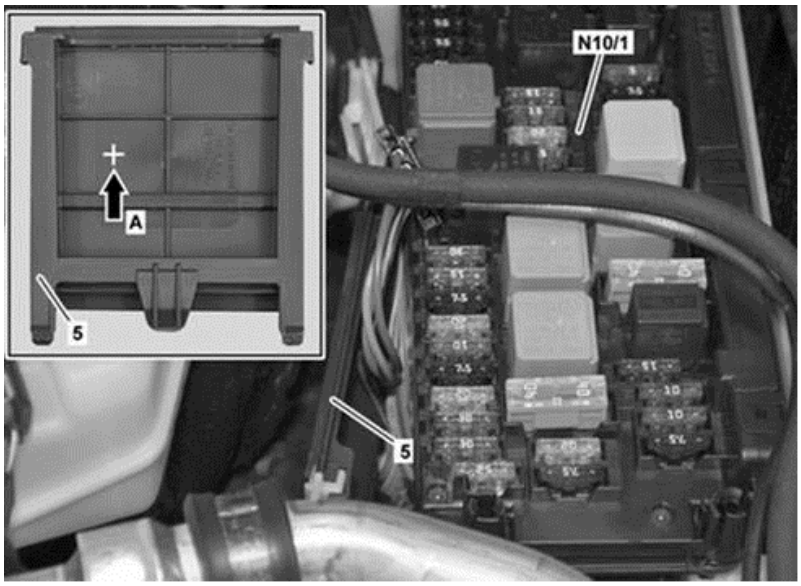

Figure 1

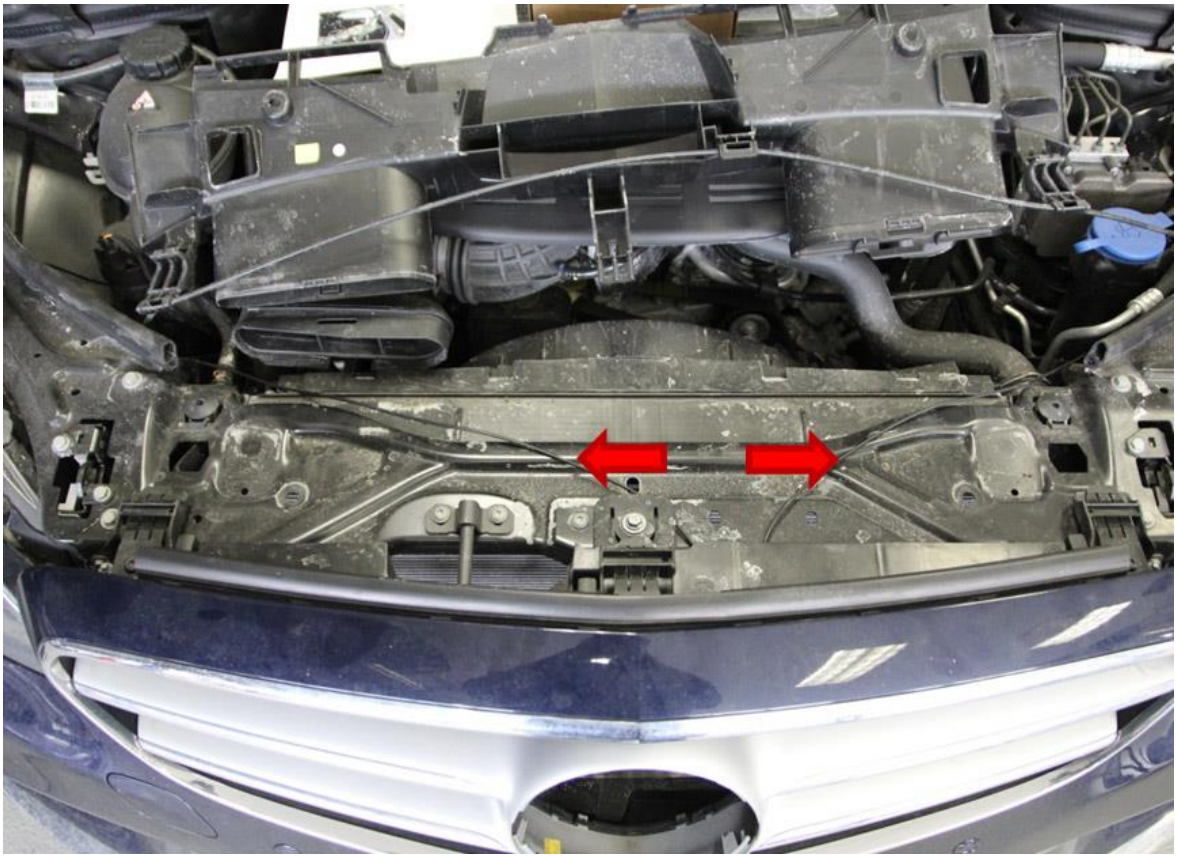

Figure 12

14. Remove the upper radiator support cover and fold back. (Figure.12)
15. Run the illuminated star harness as shown (arrows, Figure 12).
16. Secure the harness as necessary in front using cable ties.
17. Turn the old star counter clockwise and remove.
18. Connect and install new illuminated star.

19. Install ground wire at ground terminal (arrow, Figure 13).

Note:

Some 212 vehicles may have a ground on the driver's side fender apron. That ground may be used as well.

20. Check operation of the illuminated star, make sure all connections are secure and the connections are tight.
21. Install radiator support cover.

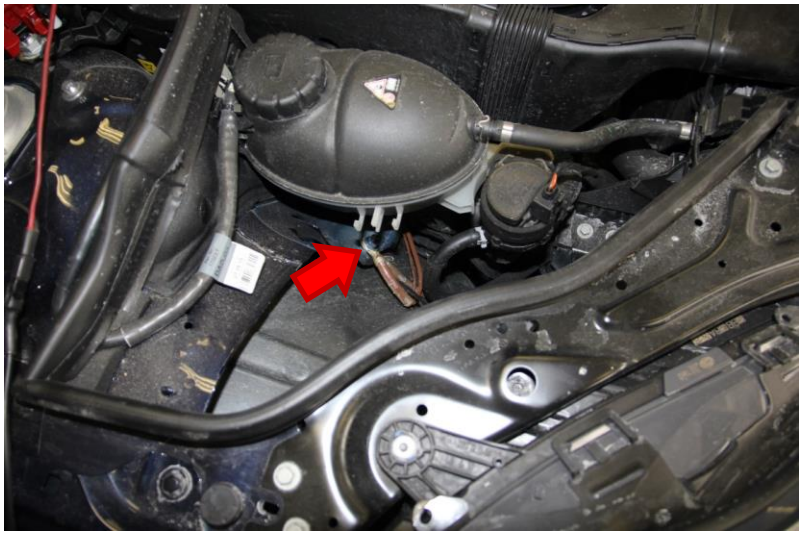

Figure 13

Parts Information

Qty.	Part Name	Part Number
1	Illuminated star wiring harness	A218 820 00 00
1	"Y" wiring harness.	A207 820 02 04
1	Illuminated star	A166 817 03 16