

No.	MB-T 17	Ordner File Classeur Archivador	Service Information	Gruppe Group Groupe Grupo	54	Passenger Cars
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Fort Lee, August 1967

TO OUR MERCEDES-BENZ DEALERS

Subject: Instructions for Subsequent
Installation of Hazard Warning
Lights, Types 190 c/Dc, 220 b/Sb/SEb/Cpe., Conv.,
230 SL, 300 SE/Cpe., Conv., 300 SEL

All Mercedes-Benz vehicles for importation into the U.S.A. are currently equipped with hazard warning lights at the factory. Actuation of a switch on the instrument panel causes all four directional signal lights to blink simultaneously as a warning for emergency or other reasons. Because of either state law or owner preference, there may be cases where installation is desired on cars of the earlier production. The following installation procedures have been developed for these cases.

In each case, the instructions are to drill a hole and refer to the drilling template enclosed. These templates are all printed on one sheet, and should be cut out with scissors, razor blade, and punch. We recommend to use these pattern templates to make permanent templates out of either plastic or metal for durability.

I. Installation in Types 190 c/Dc, 220 b/Sb/SEb, and
300 SE/SEL

PARTS LIST: KIT, Part No. 710 820 00 99

<u>Quantity</u>	<u>Description</u>	<u>Part Number</u>
1	Harness	110 820 19 17
1	Flasher	001 821 08 51
1	Securing nut	110 821 00 59
1	Knob	110 820 00 92
1	Tag, Emergency	110 826 00 22

Order this kit from your Mercedes-Benz Parts Depot.

1. Remove underdash cover on the right side of steering post, below the instrument panel.

(over)

2. Remove two mounting screws from the bracket where the cable connectors are attached and disconnect harness plug leading to the steering column. Pull bracket with the remaining cable connectors down to obtain working room.
 3. Remove underdash cover on the left side below the instrument panel. Locate the wire (color code red, blue, and white) which is found looped over the end of the main harness binding where the wires are attached to the fuse box. Pull out the loose end of this wire (cut binding, if necessary) and connect to the after fuse side of fuse No. 1 on the fuse box.
 4. Place drilling template (provided herewith) over windshield wiper and light switches. Using the template as a guide, mark hole location on dash panel at the point indicated on the template. Drill 1/8" hole there as a guide. Enlarge the hole to proper size by using a 13/32" drill. CAUTION: BE CAREFUL WHEN DRILLING HOLE, TO AVOID DAMAGING OR CRACKING THE DASH PANEL.
 5. Attach hazard light switch to the plug at the long end of the new wiring harness. Insert switch into instrument panel, place red "Emergency" tag on switch, and secure with retaining nut.
 6. Connect short end of the new harness (male plug) to the female plug on the mounting bracket (where plug from the steering column harness was originally connected).
 7. Connect female plug of the new harness to the male plug of the steering column harness. Tape both plugs together with electrical tape and place connectors behind steering column.
 8. Reinstall bracket assembly to its original location and replace both underdash covers.
 9. After the work has been completed, pull out the switch to "on" position and check all four directional signal lights for proper operation.
- II. Installation in Types 220 SEb Cpe., Conv., and 300 SE Cpe., Conv.

PARTS LIST: KIT, Part No. 712 820 00 99

<u>Quantity</u>	<u>Description</u>	<u>Part Number</u>
1	Harness	110 820 19 17
1	Flasher	001 821 08 51
1	Securing nut	110 821 00 59
1	Knob	110 820 00 92
1	Tag, Emergency	110 826 00 22

Order this kit from your Mercedes-Benz Parts Depot.

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1. Remove underdash cover on the right side of steering post, below the instrument panel.
2. Remove two mounting screws from the bracket where the cable connectors are attached and disconnect harness plug leading to the steering column. Pull bracket with the remaining cable connectors down to obtain working room.
3. Remove underdash cover on the left side below the instrument panel. Locate the wire (color code red, blue, and white) which is found looped over the end of the main harness binding where the wires are attached to the fuse box. Pull out the loose end of this wire (cut binding, if necessary) and connect to the after fuse side of fuse No. 1 on the fuse box.
4. Place drilling template (provided herewith) over windshield wiper and light switches. Using the template as a guide, mark hole location on dash panel at the point indicated on the template. Make sure template is centered over the light switch. Drill 1/8" hole as a guide at marked location. Enlarge the hole to proper size by using a 13/32" drill. CAUTION: BE CAREFUL WHEN DRILLING HOLE, TO AVOID DAMAGING OR CRACKING THE DASH PANEL.
5. Attach hazard light switch to the plug at the long end of the new wiring harness. Insert switch into instrument panel (plug connector should face to the bottom), place red "Emergency" tag on switch, and secure with retaining nut.
6. Connect short end of the new harness (male plug) to the female plug on the mounting bracket (where plug from the steering column harness was originally connected).
7. Connect female plug of the new harness to the male plug of the steering column harness. Tape both plugs together with electrical tape and place connectors behind steering column.
8. Reinstall bracket assembly to its original location and replace both underdash covers.
9. After the work has been completed, pull out the switch to "on" position and check all four directional signal lights for proper operation.

III. Installation in Type 230 SL

PARTS LIST: KIT, Part No. 713 820 00 99

<u>Quantity</u>	<u>Description</u>	<u>Part Number</u>
1	Harness	113 820 02 15
1	Flasher	001 821 08 51
1	Securing nut	110 821 00 59
1	Knob	110 820 00 92
1	Tag, Emergency	110 826 00 22

Order this kit from your Mercedes-Benz Parts Depot.

1. Disconnect battery.
2. Remove upper mounting screw from underdash cover on the left side of the instrument panel and lower the cover for access to the wires.
3. Remove two mounting screws from the bracket where the cable connectors are attached and disconnect harness plug leading to the steering column. Pull bracket with the remaining cable connectors down to obtain working room.
4. Remove cover from fuse box, unscrew the two mounting screws, and, from inside of car, pull fuse box down to make wires accessible.
5. Locate the wire (color code red, blue, and white) which is found looped over and attached to the wires connected to the No. 1 fuse. Cut binding and connect wire to the after fuse side of fuse No. 1. Reinstall fuse box and reconnect battery.
6. Pull disc pad from steering wheel, remove center lock-nut, and pull off wheel. (This step is required to obtain room for drilling hole in instrument panel.) NOTE: BEFORE REMOVING THE STEERING WHEEL, MARK POSITION OF WHEEL IN RELATION TO STEERING SHAFT.
7. Place drilling template (provided herewith) over the light switch. Using the template as a guide, mark hole location on dash panel at the point indicated on the template. Drill 1/8" hole there as a guide. Enlarge the hole to proper size by using a 13/32" drill. CAUTION: BE CAREFUL WHEN DRILLING HOLE, TO AVOID DAMAGING THE DASH PANEL.
8. Attach hazard light switch to the plug at the long end of the new wiring harness. Insert switch into instrument panel, place red "Emergency" tag on switch, and secure with retaining nut.
9. Connect short end of the new harness (male plug) to the female plug on the mounting bracket (where plug from the steering column harness was originally connected).
10. Connect female plug of the new harness to the male plug of the steering column harness. Tape both plugs together with electrical tape and attach them (with electrical tape) to the main harness which leads to the fuse box.
11. Reinstall bracket assembly to its original location and replace underdash cover.
12. Reinstall steering wheel and disc pad to their original positions.
13. After the work has been completed, pull out the switch to "on" position and check all four directional signal lights for proper operation.

MERCEDES-BENZ OF NORTH AMERICA, INC.
Service Department

Enclosure

Information MB-T 17, Group 54.
Cut them out with scissors, razor
blade, and punch in order to use.

