

### A. General

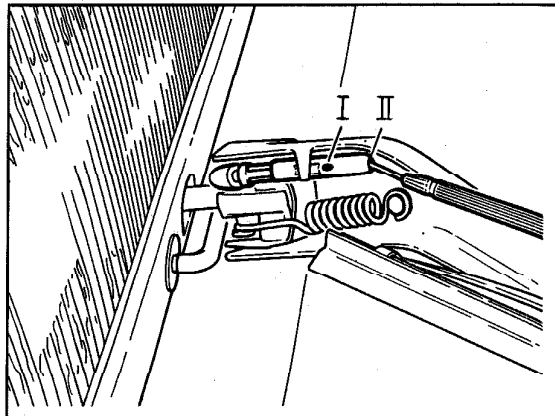
The headlamp cleaning system is activated by switching on the vehicle lighting and actuating the combination switch which actuates the windshield washer system at the same time.

The wiper motors run for as long as the combination switch is actuated and return automatically to end position after the switch is released. The pump however runs only intermittently and is controlled by a contact in the right wiper motor. The result is that only a short jet of water hits the headlamp lenses with every wiper movement.

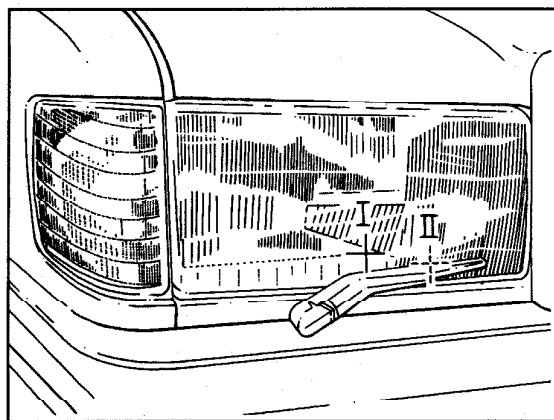
A modified relay (green in color) has been installed since 03/89 (part no. 126 820 20 26). This prevents that the wiper arm runs up if the combination switch is only touched briefly. This avoids that the wiper arm comes to a halt outside the final switching-off position. Installation of this relay is also possible in vehicles prior to 03/89.

### B. Arrangement and adjustment of nozzles

Two nozzles are arranged in the wiper arm.  
Nozzle 1 is permanently adjusted, nozzle 2 can  
be adjusted with a ball using a needle.



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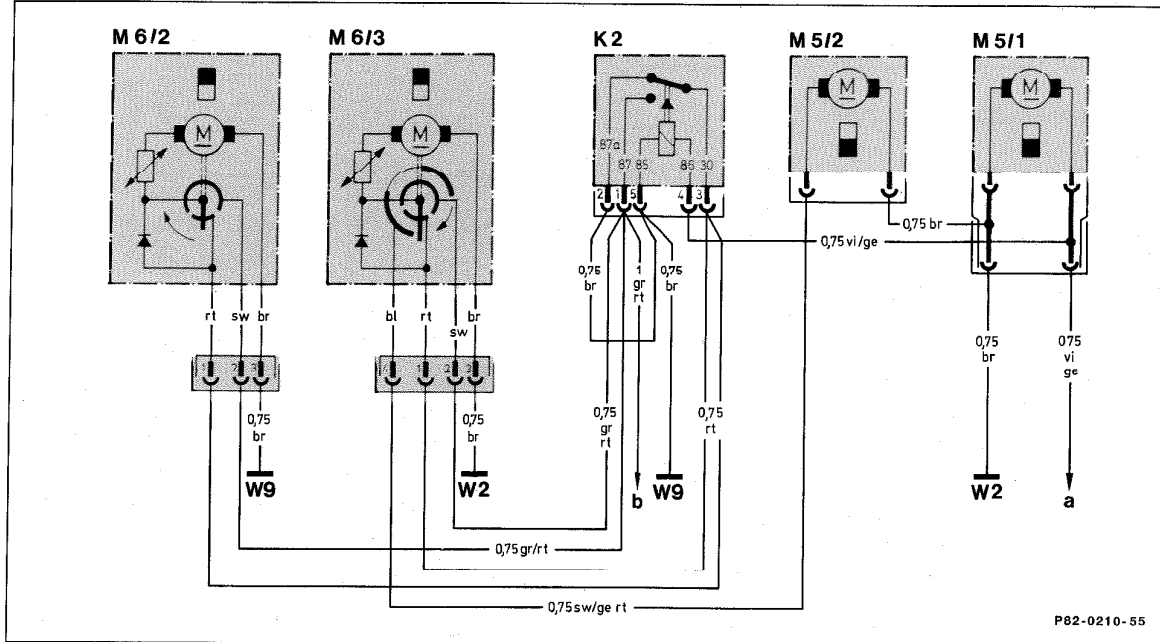


Nozzle adjusting points

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## 82-0540 Function of headlamp cleaning system

### C. Wiring diagram headlamp cleaning system



**K2** HCS relay module  
**M5/1** Windshield washer pump  
**M5/2** Headlamp washer pump  
**M6/2** Left headlamp wiper motor  
**M6/3** Right headlamp wiper motor

**W2** Ground (at right headlamp unit)  
**W9** Ground (at left headlamp unit)  
**a** To connector steering cable harness (X63) jack 10  
**b** To connector headlamp cable harness (X24) jack 5, terminal 58R