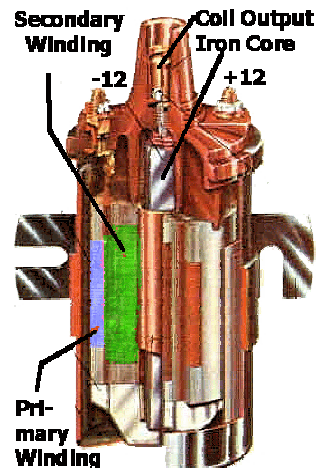
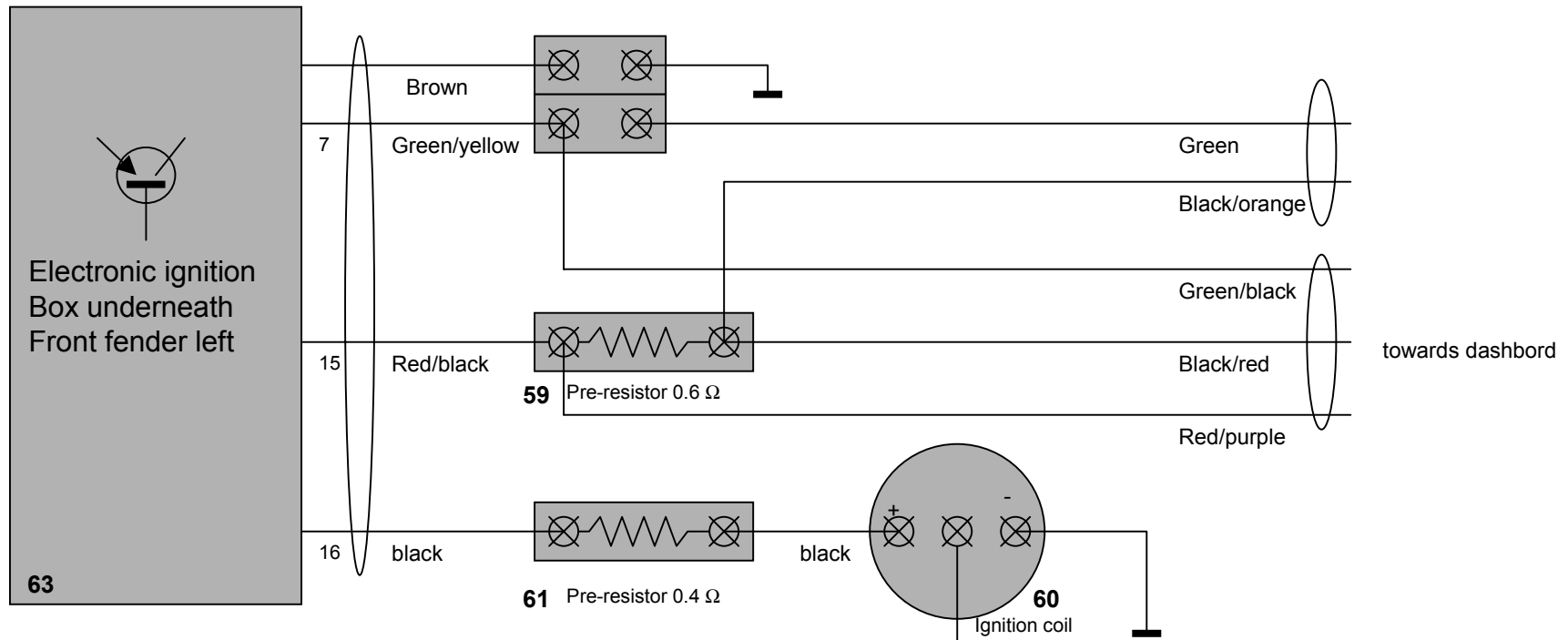
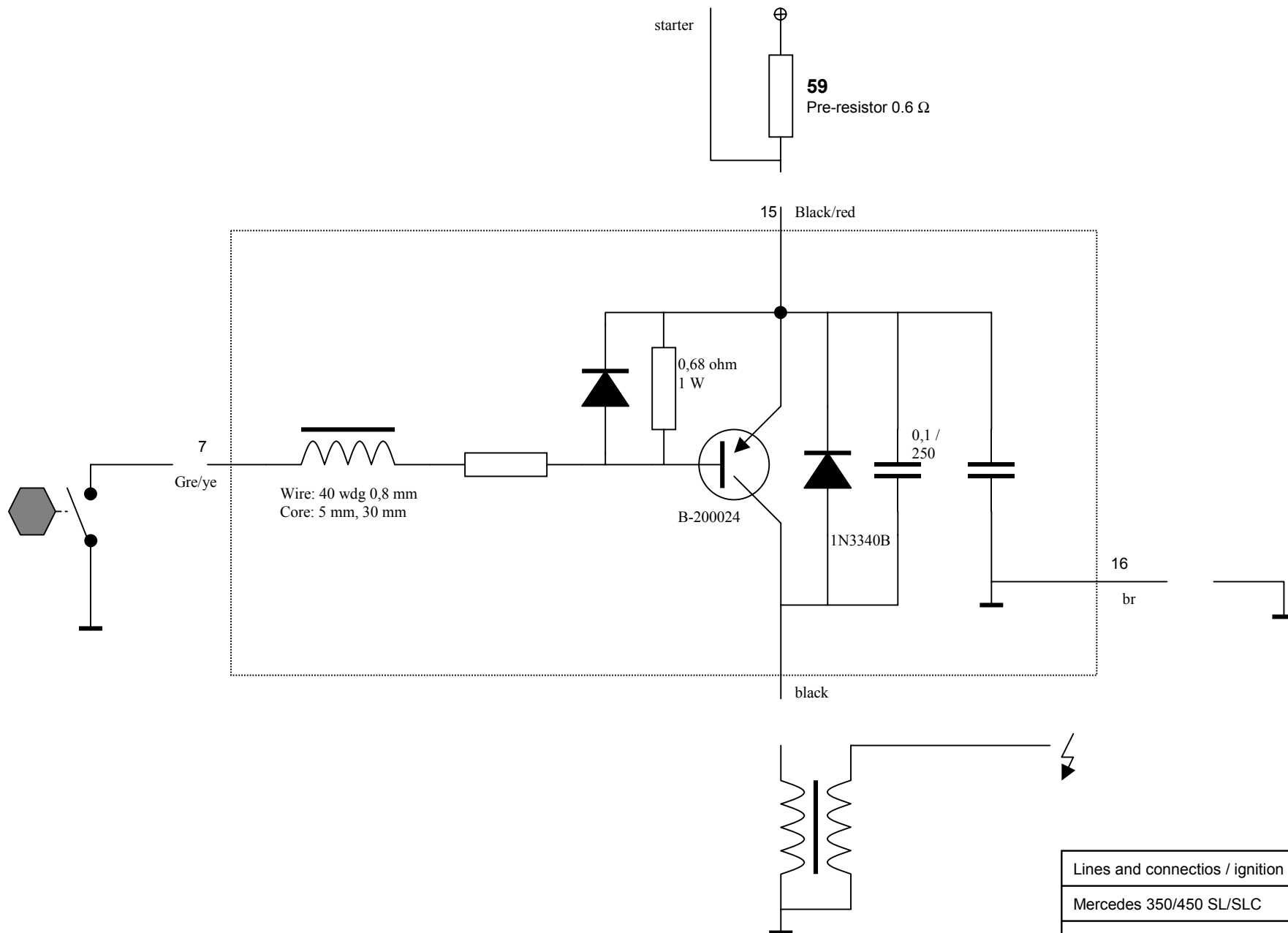


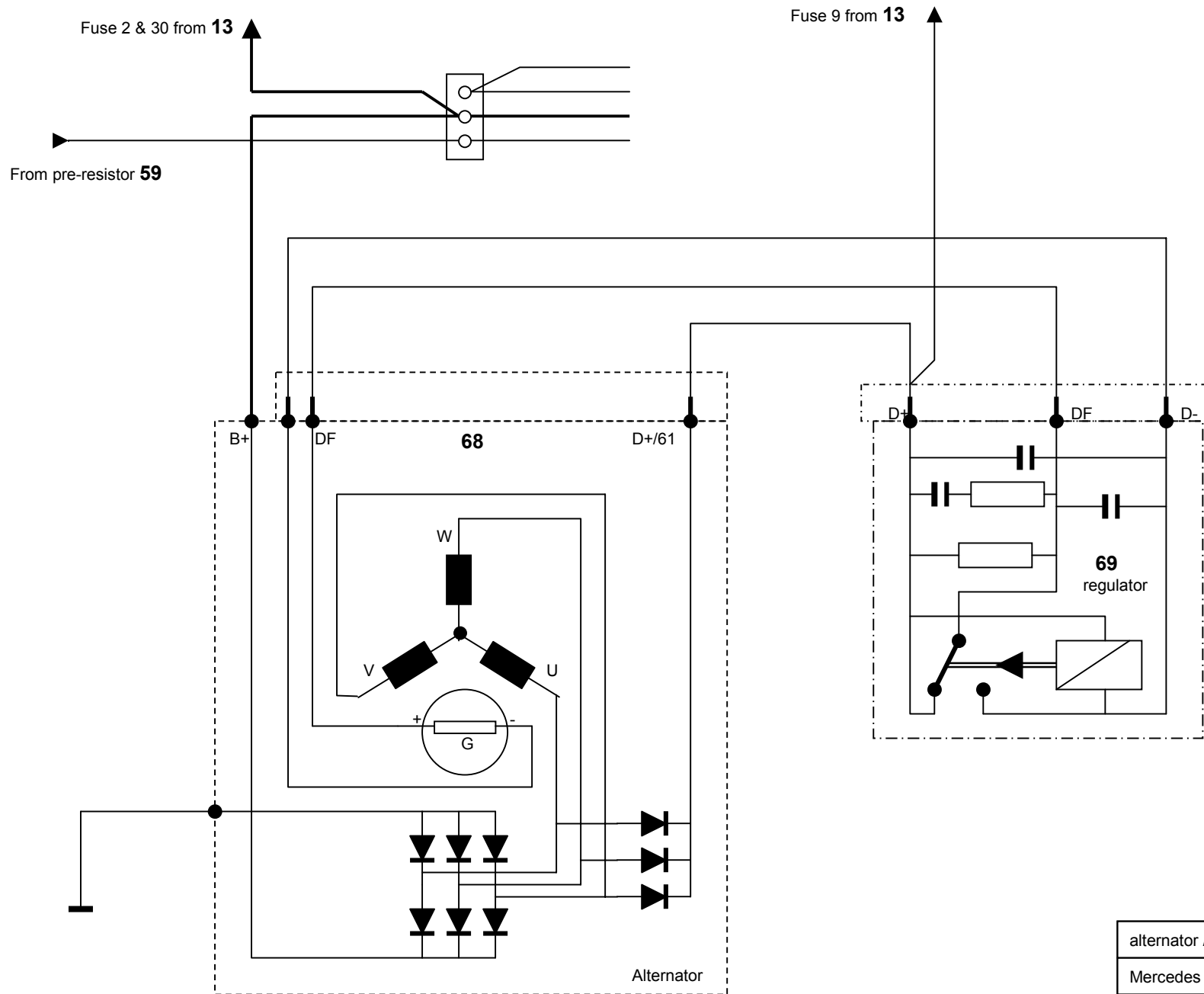
Ignition and distributor
Mercedes 350/450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001



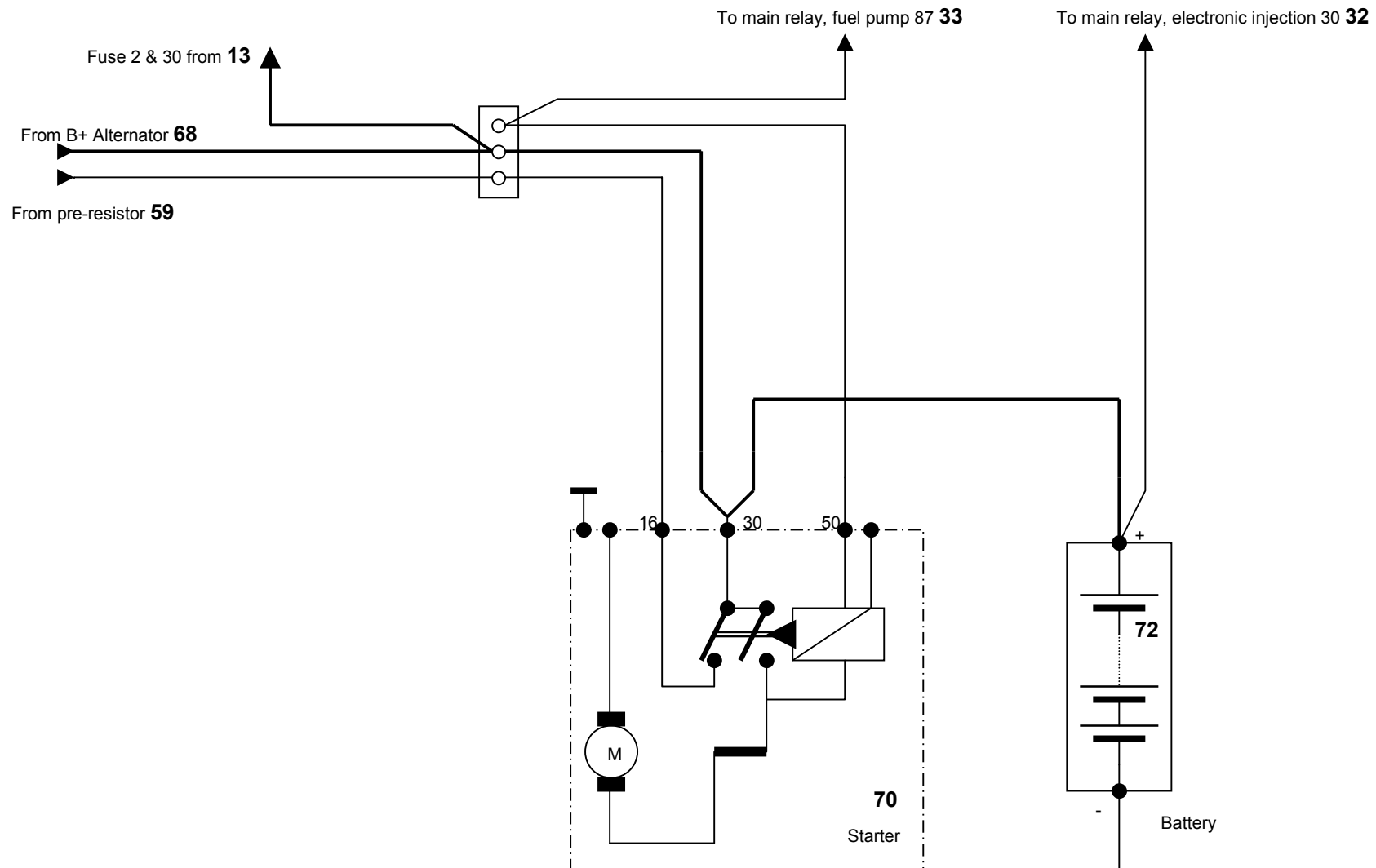
Lines and connectio / ignition
Mercedes 350/450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001



Lines and connectios / ignition (2)
Mercedes 350/450 SL/SLC
1973 models M116/M117
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alternator / regulator
Mercedes 350/450 SL/SLC
1973 models M116/M117
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Starter / battery
Mercedes 350/450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001

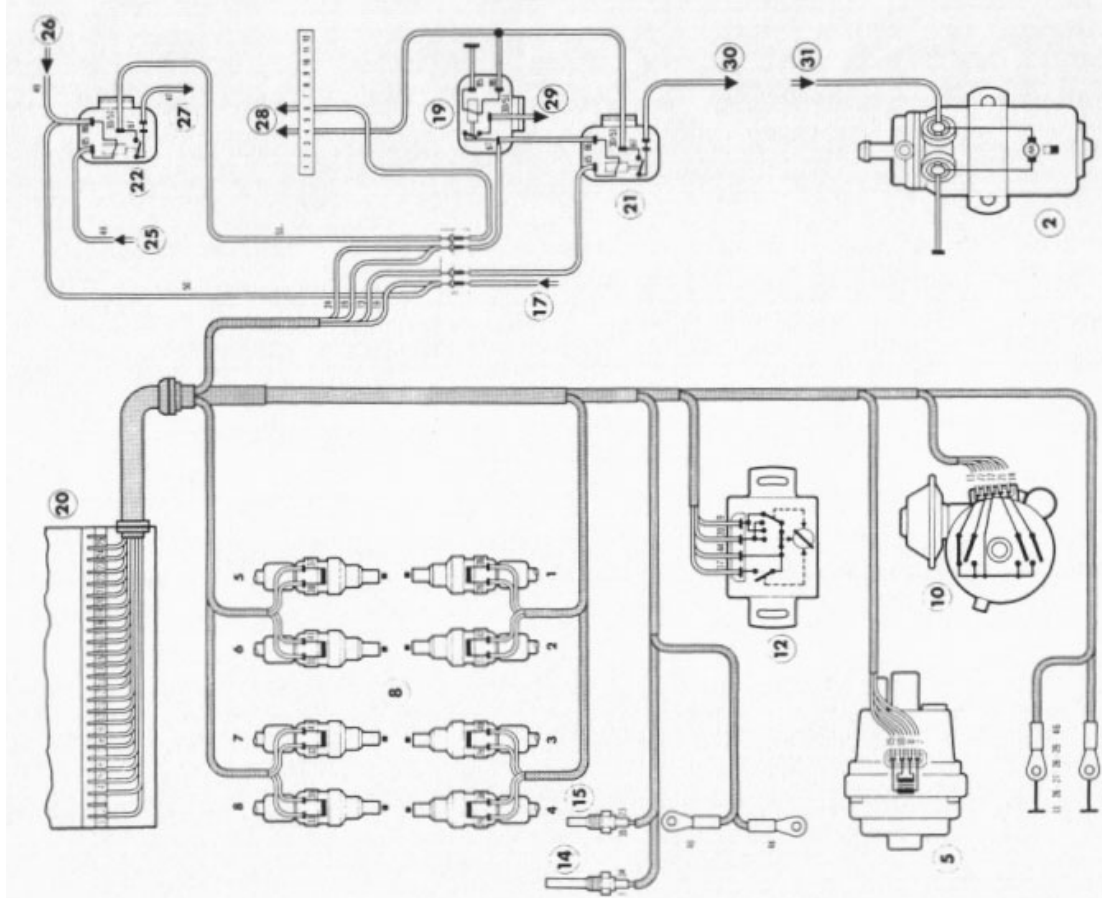


FIG. 4

1.4 Electronic controls

Description

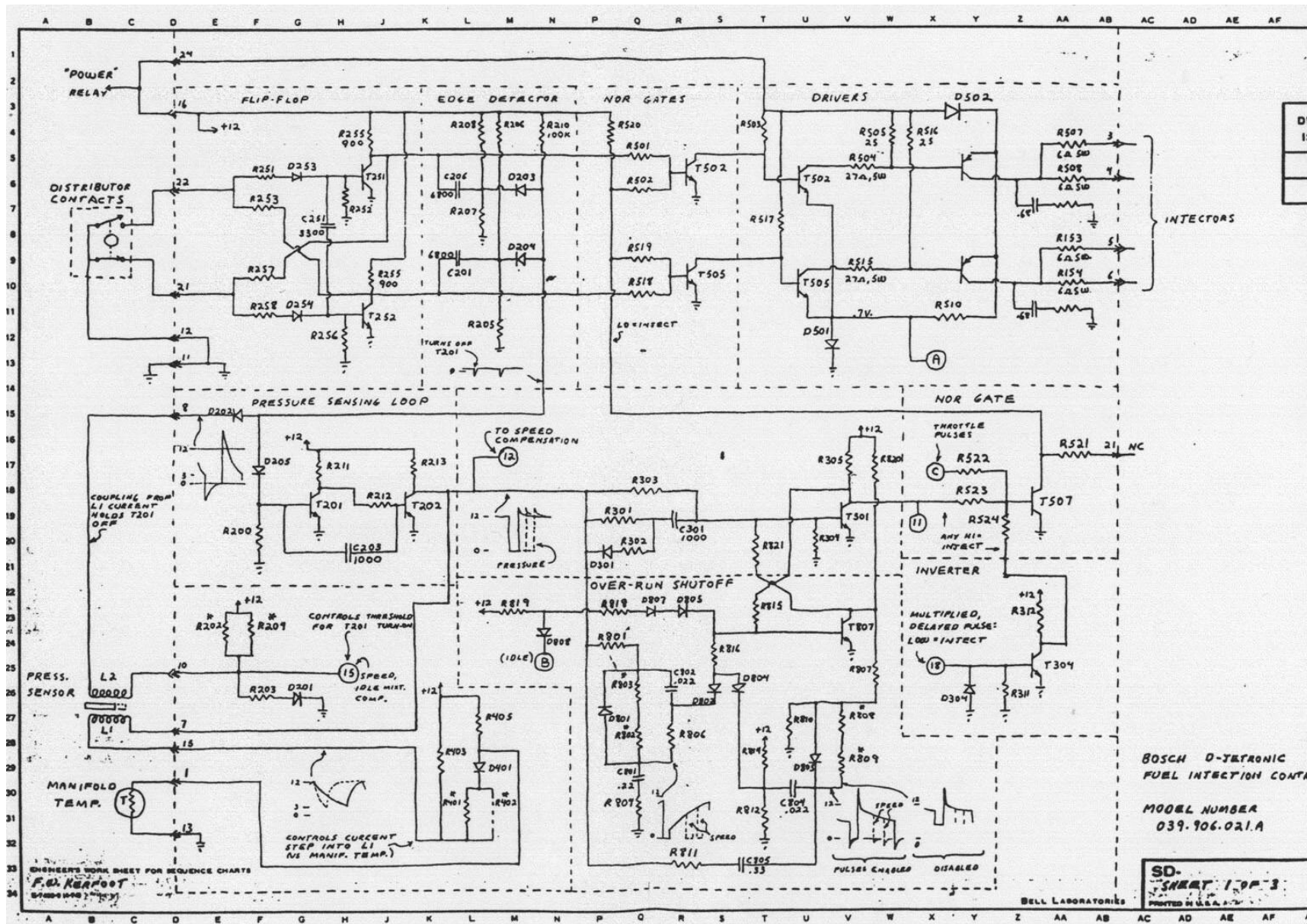
- ① Fuel pump
- ② Pressure sensor
- ③ Electro-magnetic injection valves
- ④ Ignition distributor with trigger contacts
- ⑤ Throttle valve switch
- ⑥ Temperature sensor I (intake air)
- ⑦ Temperature sensor II (cooling liquid)
- ⑧ from starter terminal 50
- ⑨ Electronic control unit
- ⑩ Pump relay
- ⑪ Start valve relay
- ⑫ from thermo-time switch terminal W
- ⑬ from thermo-time switch terminal G
- ⑭ to start valve
- ⑮ Terminal 15/54
- ⑯ Battery terminal B+

- ⑰ to electrical connection of the tail light cable set
- ⑱ from the electrical connection of the tail light cable set

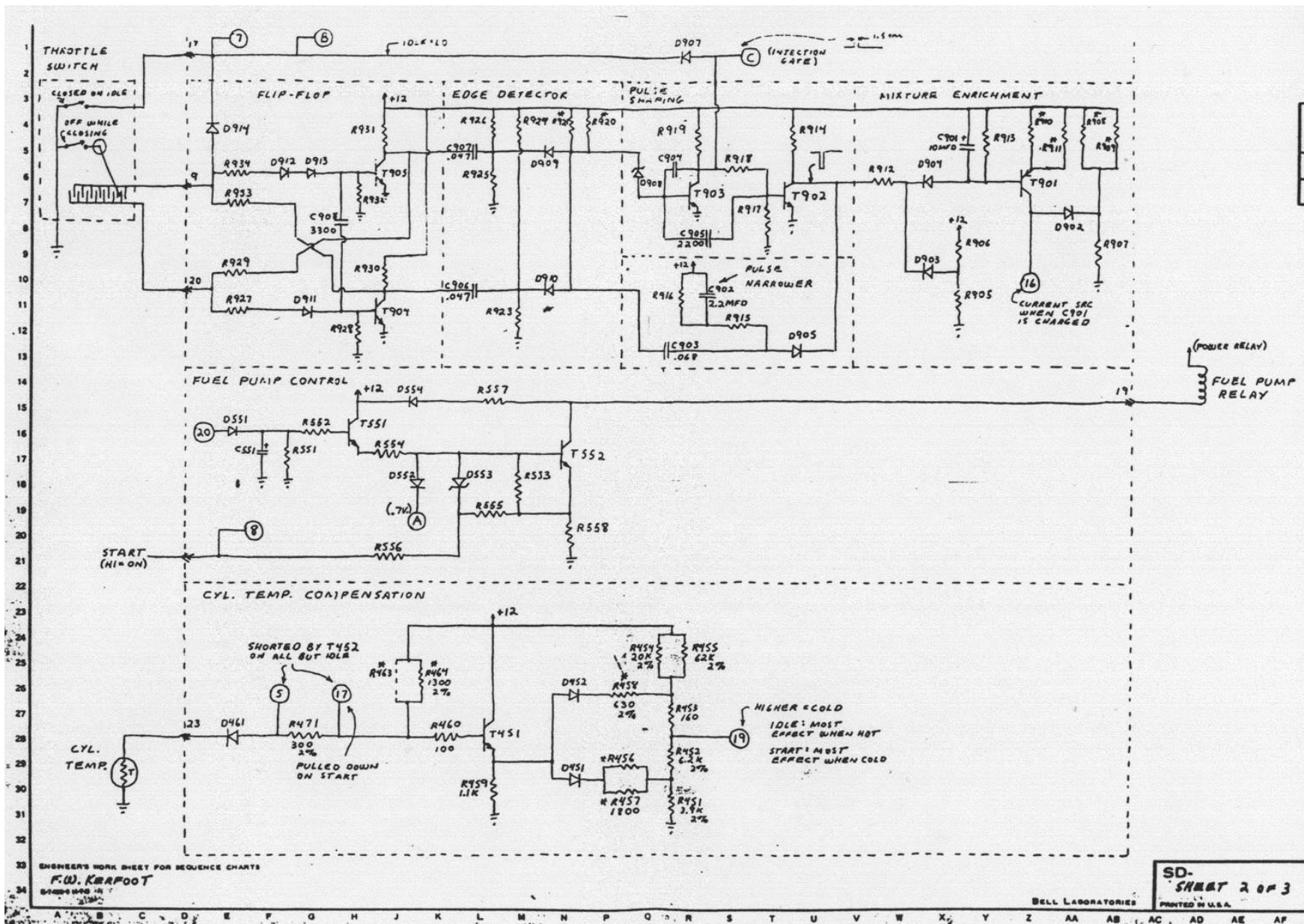
When the ignition is switched on, the control unit ⑨ receives its operating voltage directly from the battery via the main relay ⑩. The fuel pumps are controlled by the pump relay ⑪. The pump relay only works either when the engine is operated (terminal 50) or when the speed of the engine is higher than 200 rpm. This flooding protection ensures that the combustion chamber cannot become filled with fuel should a fuel injection valve become defective. A time switch installed in the electronic control unit allows the fuel pump to run for approximately one second after the ignition is switched on in order to build up the fuel pressure at once.

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Electronic controles
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Scheme ECU
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1973 models M116/M117
E. H. Van der Werff 18-01-2001



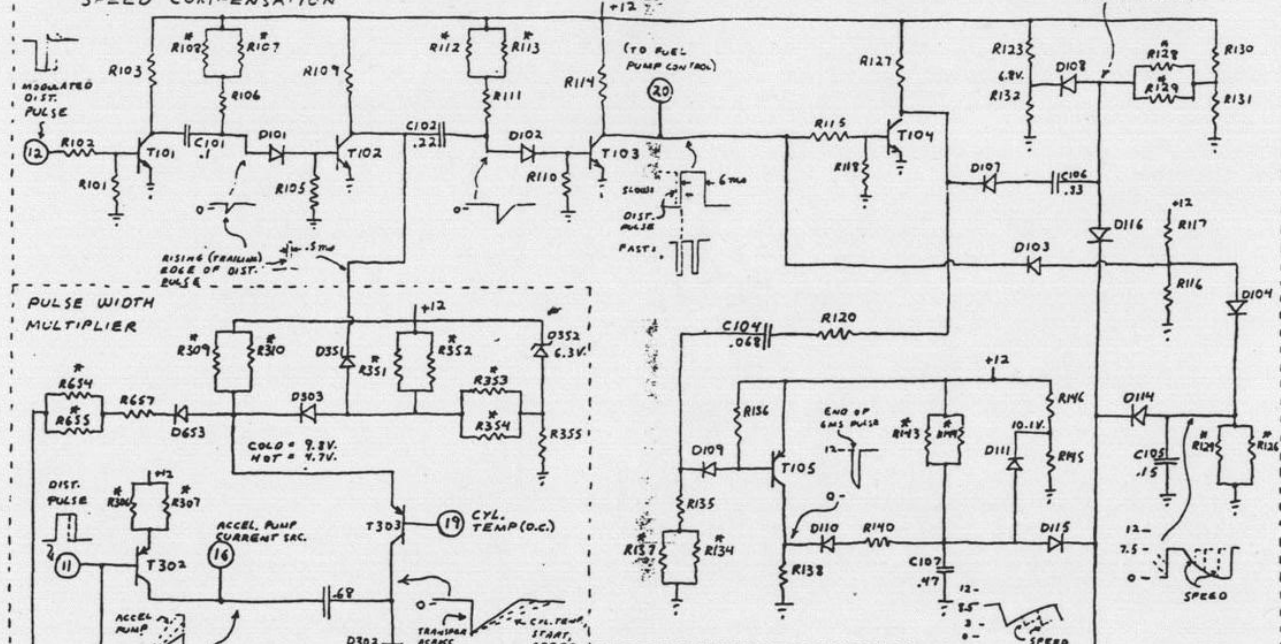
Electronic controles
Mercedes 350/450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001



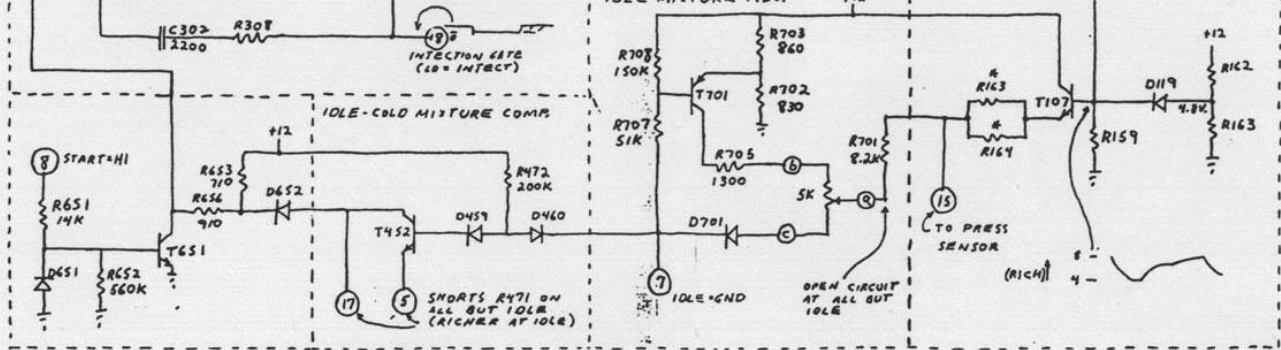


# AUXILIARY BOARD

## SPEED COMPENSATION



## IDLE MIXTURE ADT.



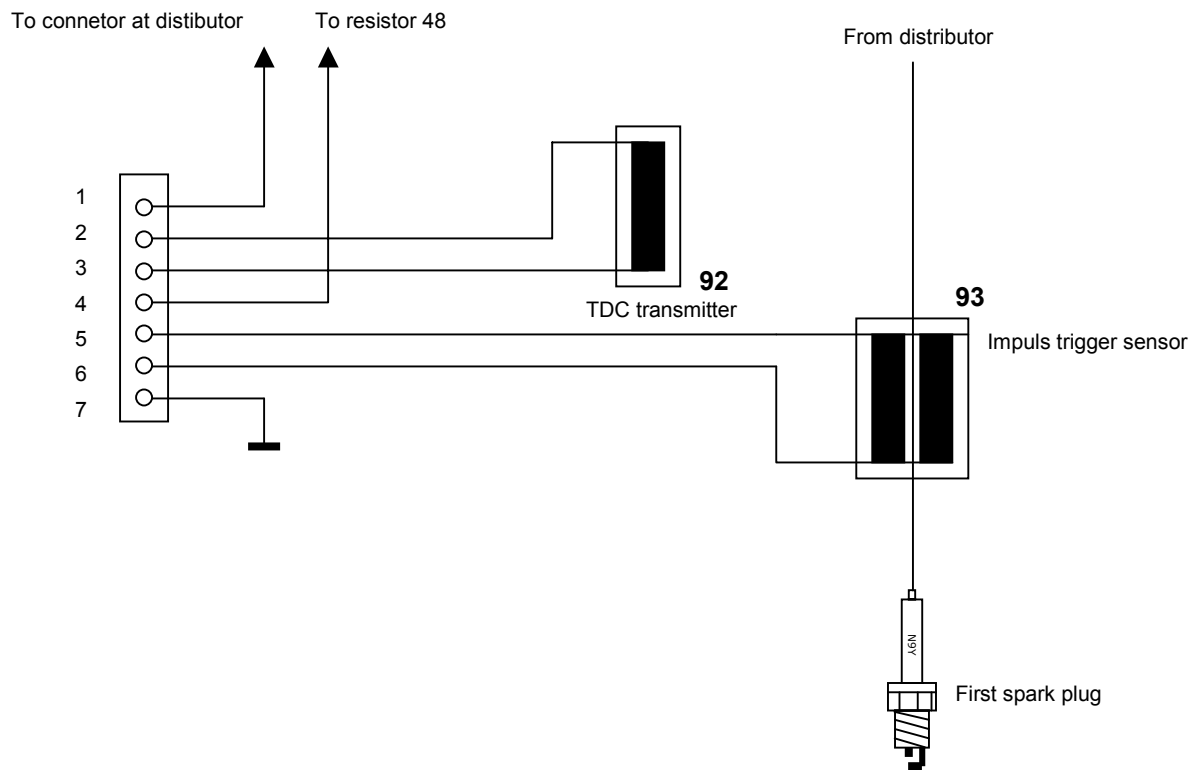
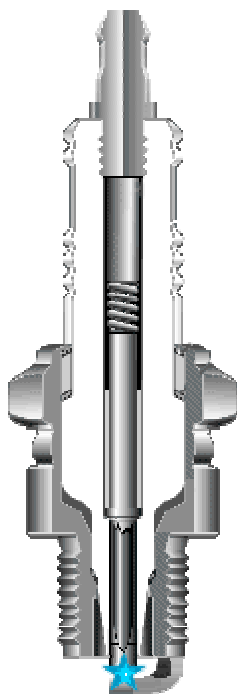
DWG  
ISS

ENGINEER'S WORK SHEET FOR SEQUENCE CHARTS  
 F.W. KRAFOOT  
 574893-10-70

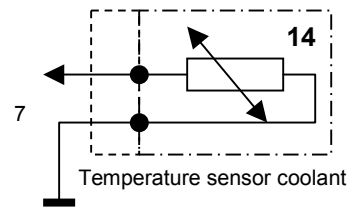
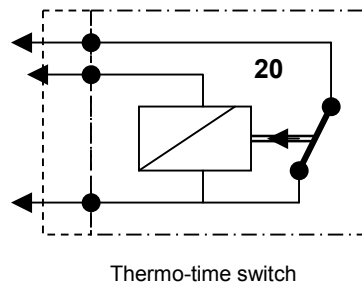
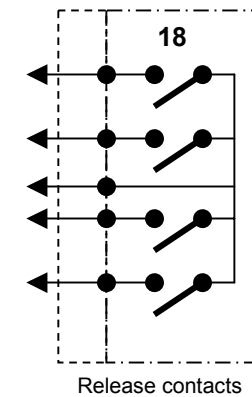
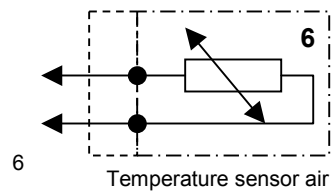
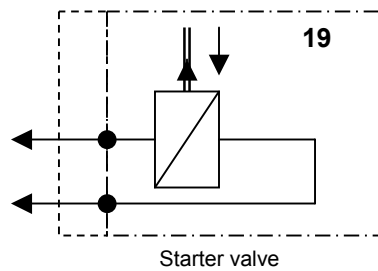
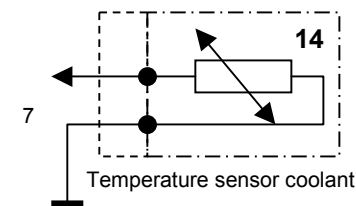
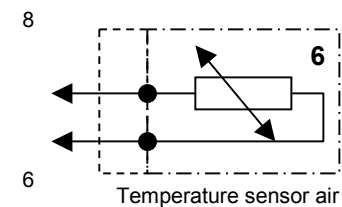
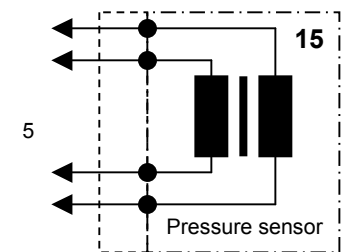
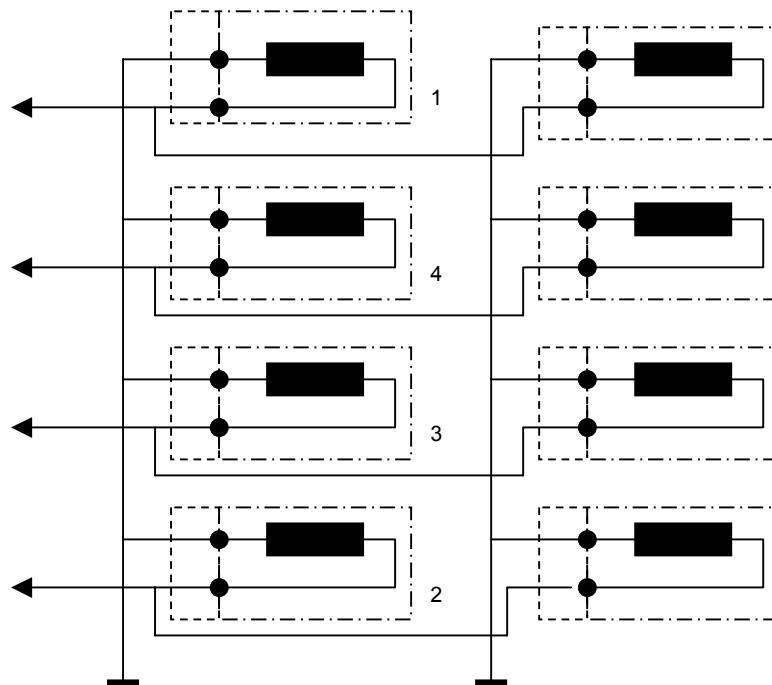
ALL VOLTAGES MEASURED WITH 12.0V. SUPPLY  
 \* = SELECTED COMPONENT

BELL LABORATORIES  
 SD-SHEET 3 OF 3  
 PRINTED IN U.S.A.

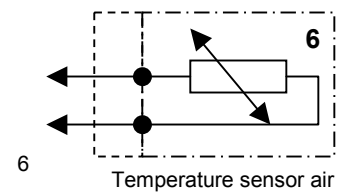
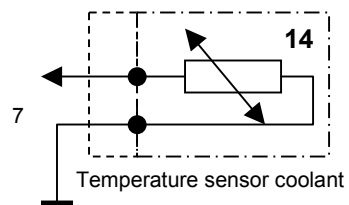
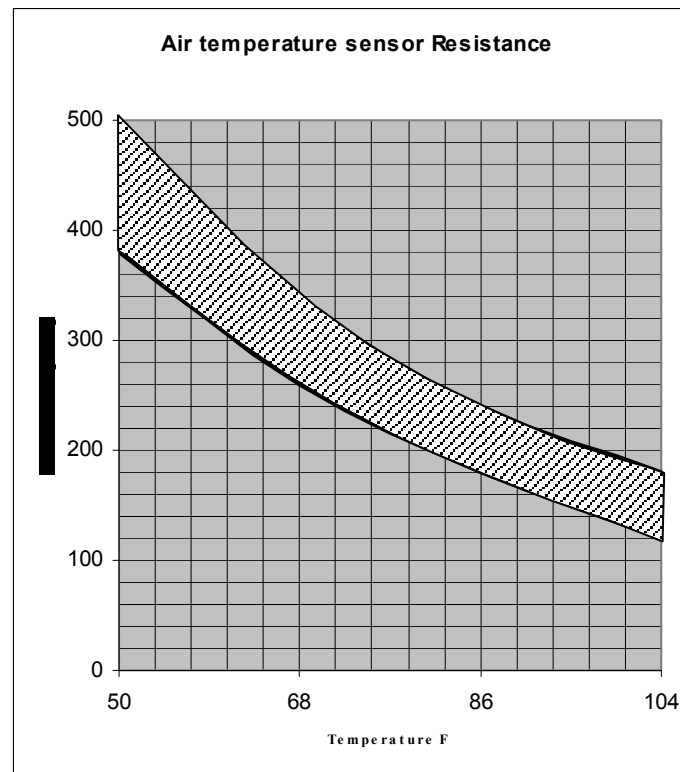
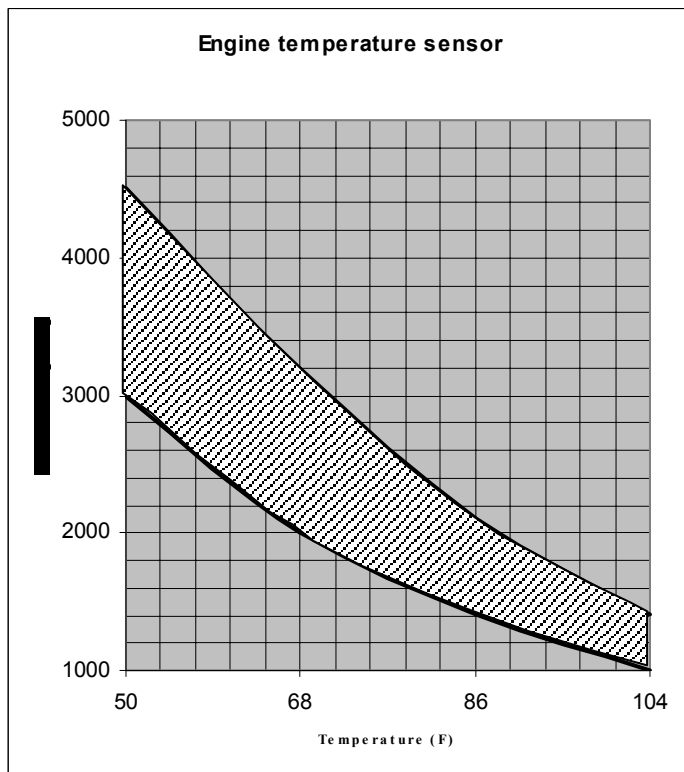
Electronic controles
Mercedes 350/450 SL/SLC
1973 models M116/M117
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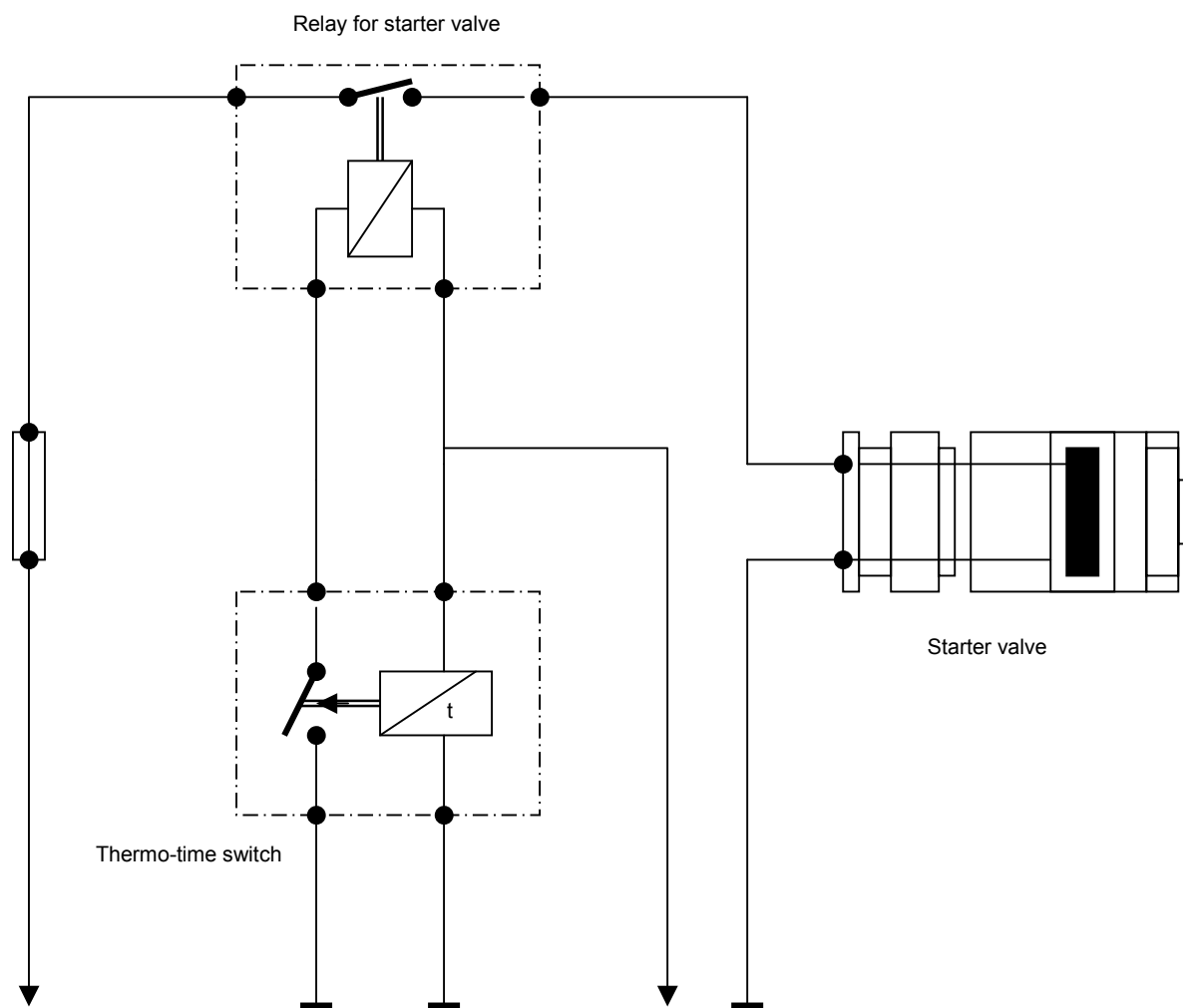
Serve plug connections
Mercedes 350/450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001



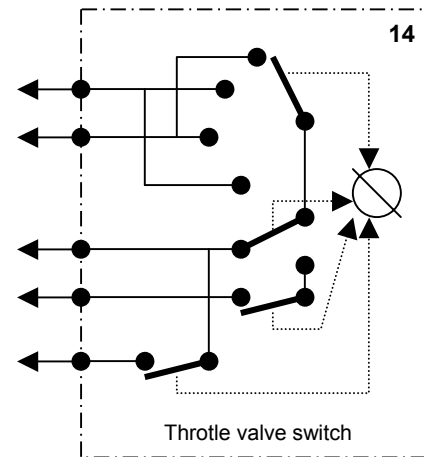
Electronic injection system
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001



Temperature sensors
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
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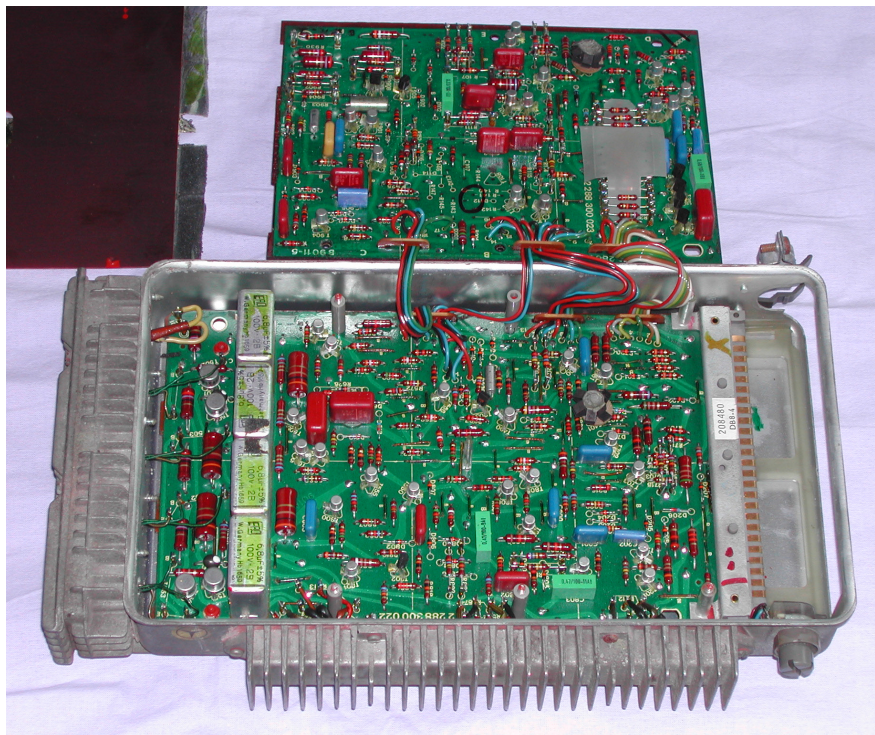
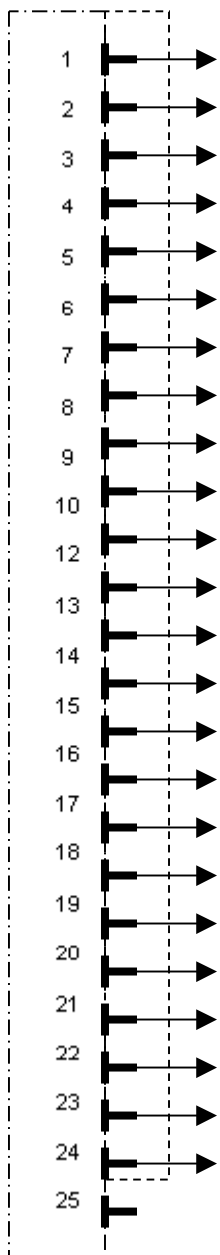


Start valve / thermo time switch
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
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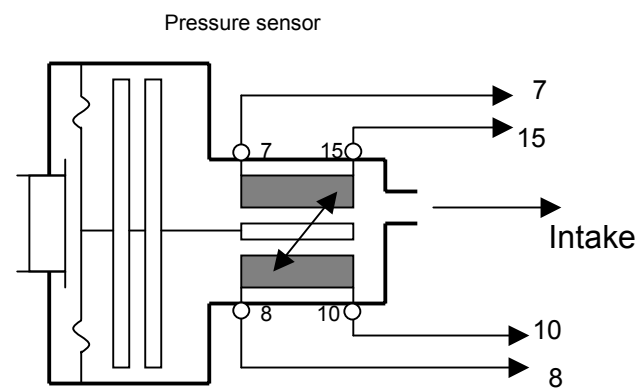
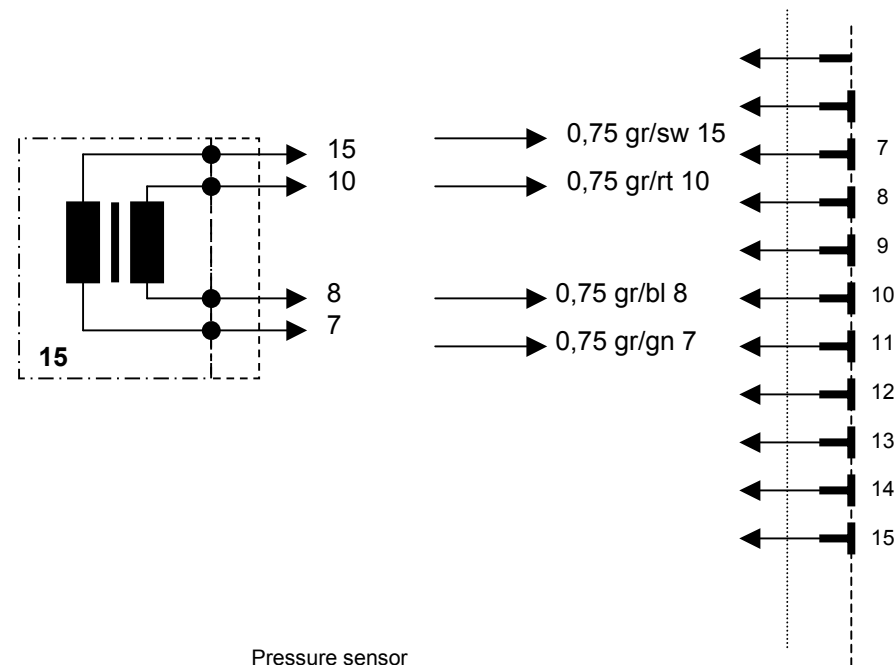
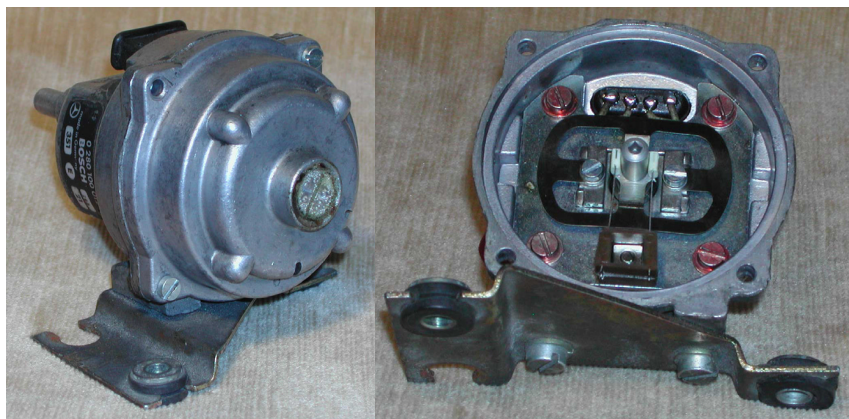
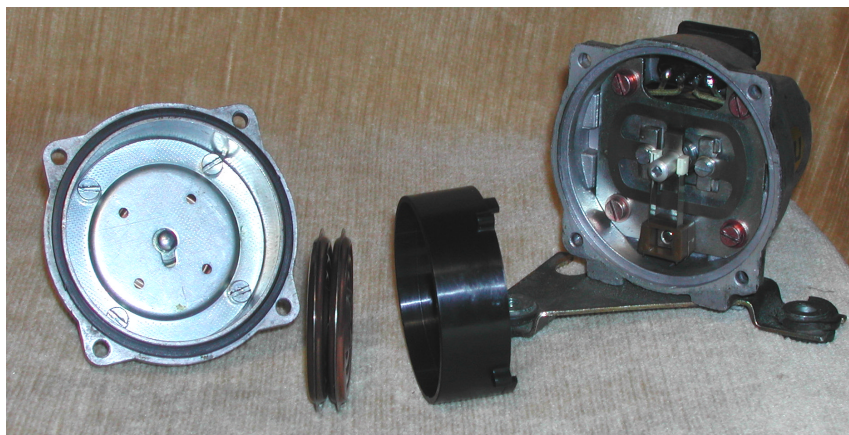
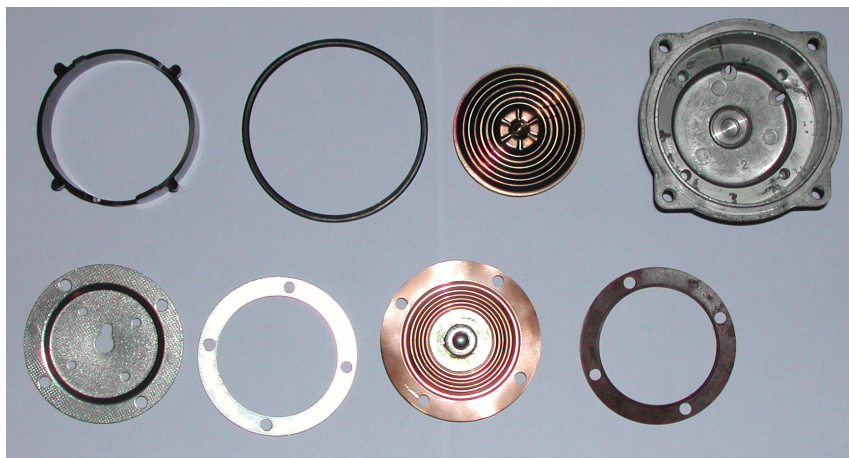


Older models do not have full throttle enrichment contact

Throttle valve switch
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
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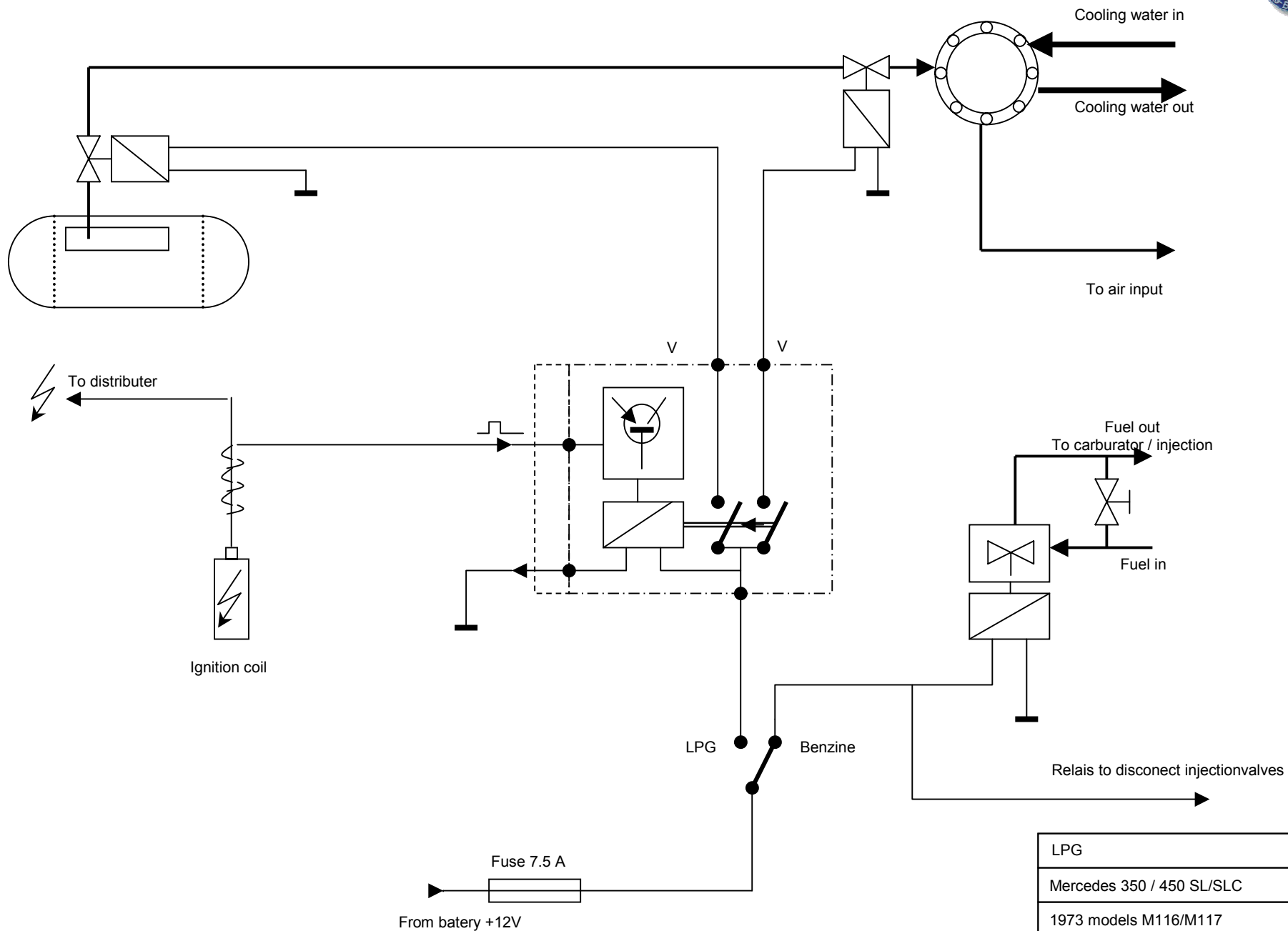


Electronic injection system
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
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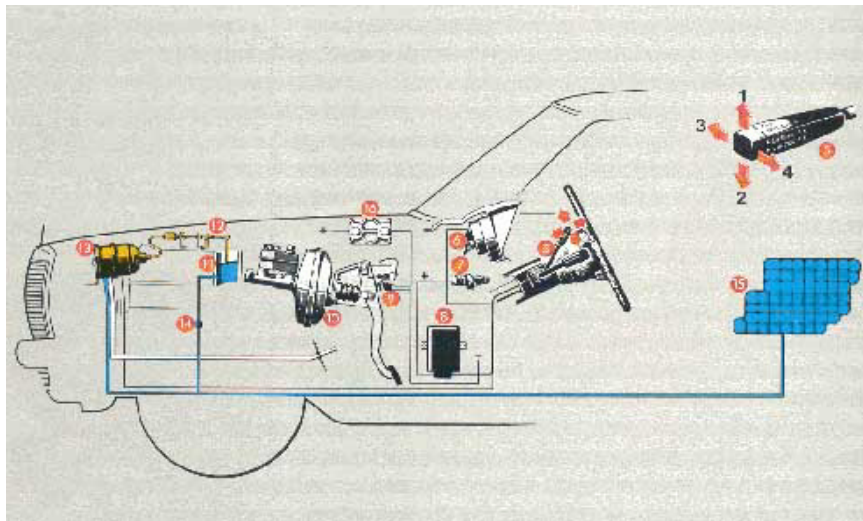
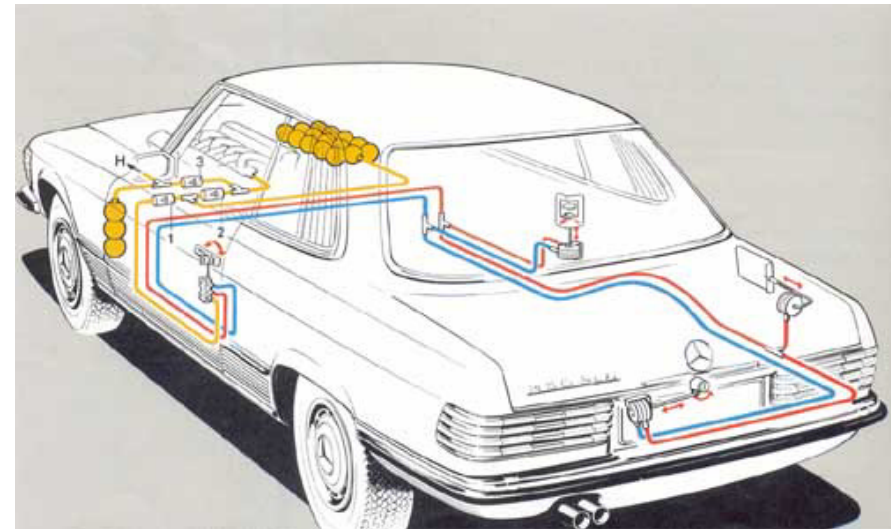
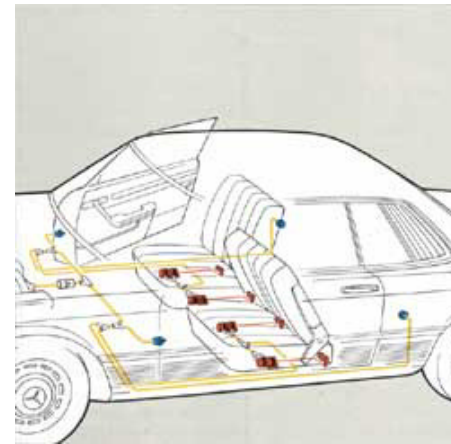
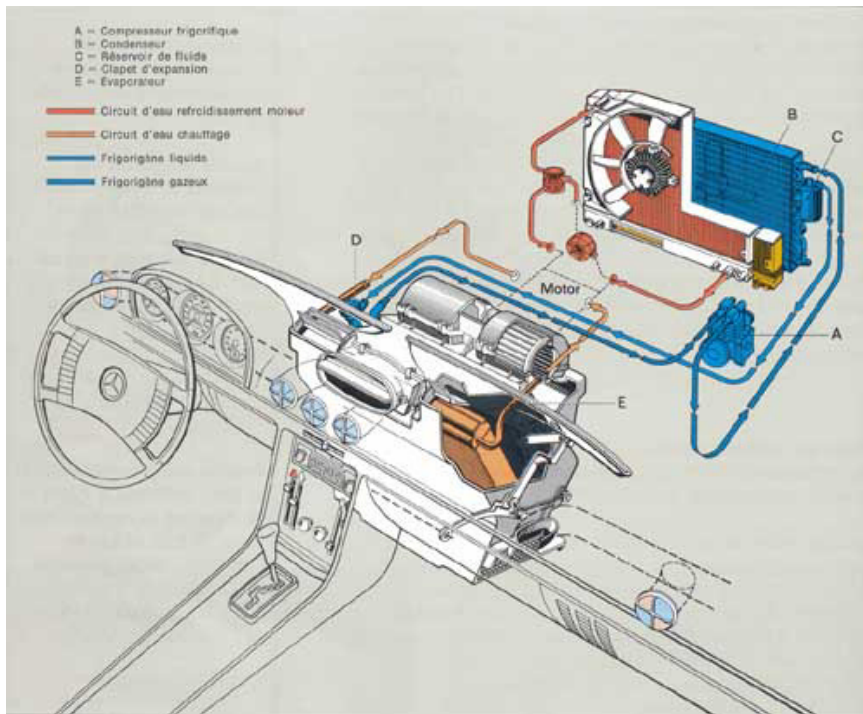


Pressure sensor
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 18-01-2001

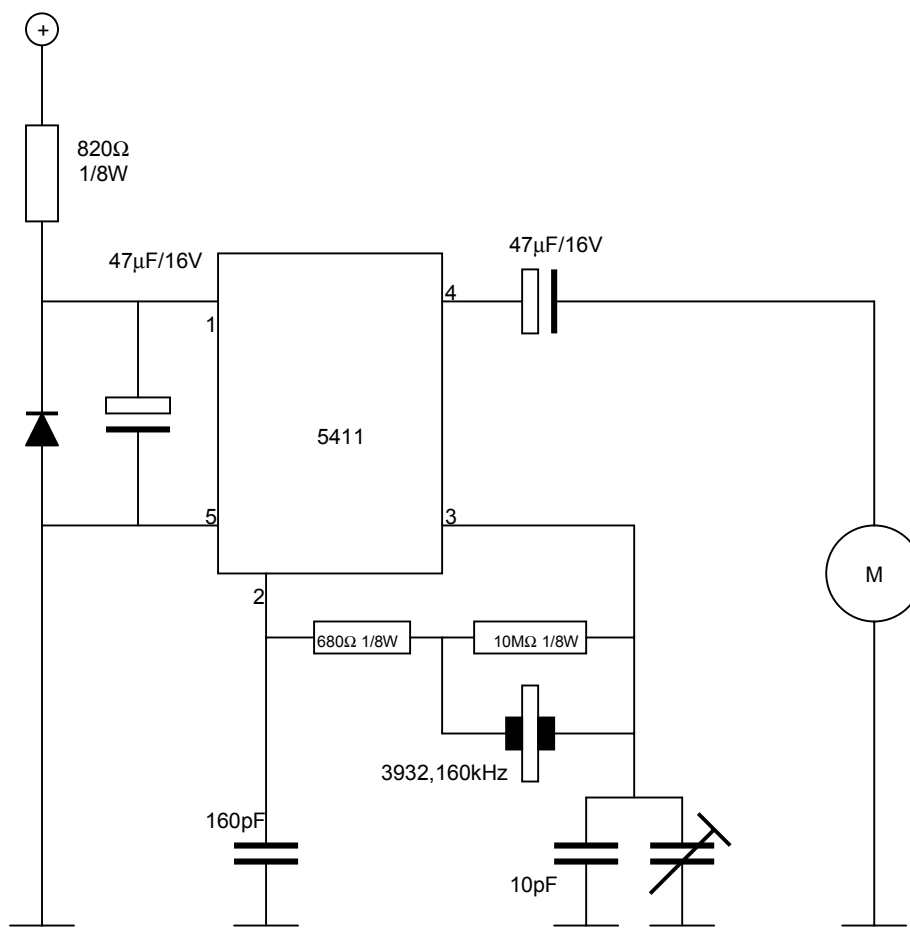




LPG
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1973 models M116/M117
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Onderdruk leidingen
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
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Clock circuit
Mercedes 350 / 450 SL/SLC
1973 models M116/M117
E. H. Van der Werff 01-01-2003