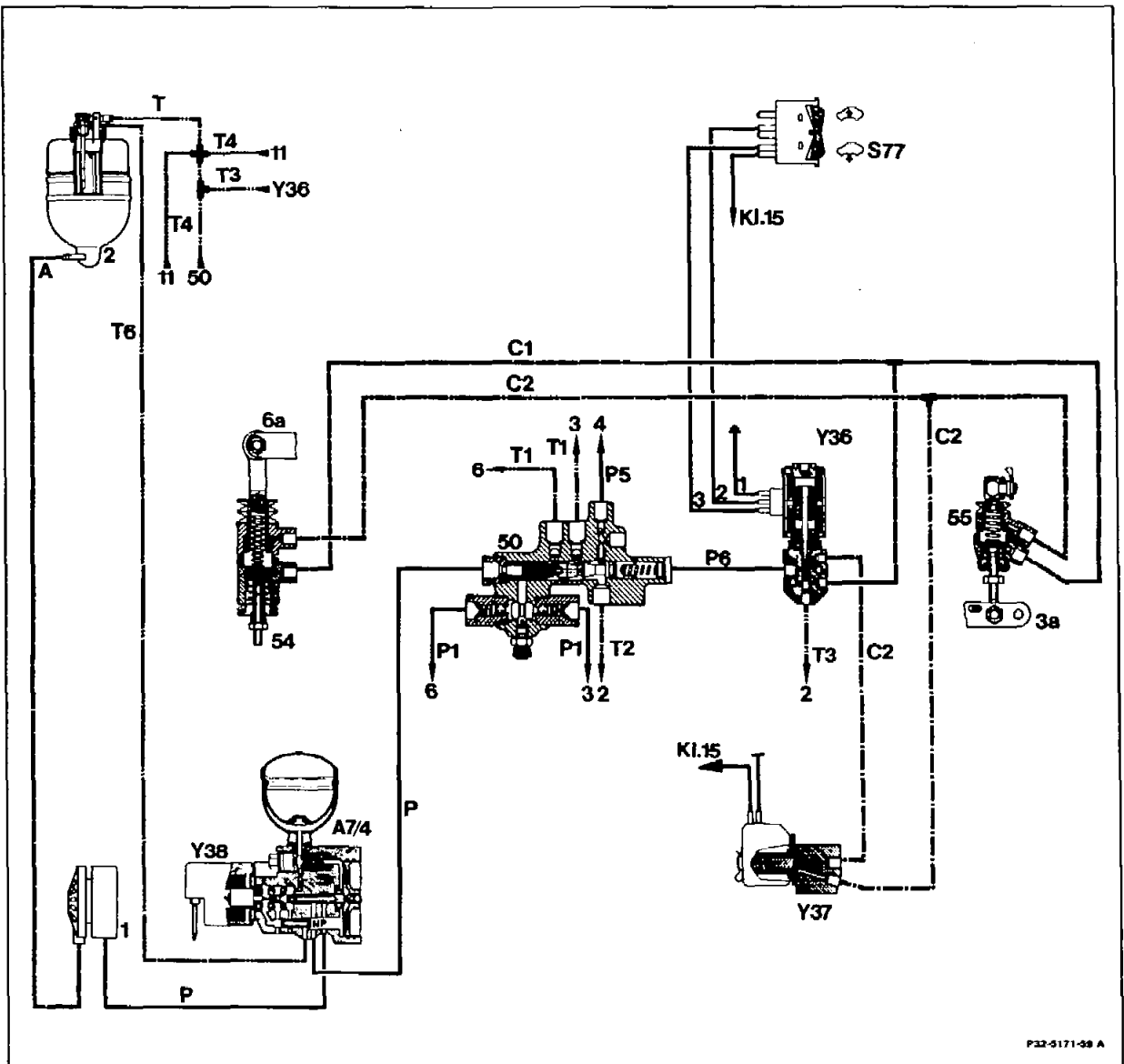


**32-0570 Testing function of electrical control valve  
(models 201.034/035/036)**



**A. Testing electrical activation**

Level adjustment switch (S77) ..... In center position ("normal level").

3-pin plug ..... Disconnect, connect at level adjustment control valve (Y36).

Multimeter .....	Connect, disconnect positive to jack 2, negative to jack 1 in 3-pin plug (step 3).
Ignition .....	Switch on, switch off.
Level adjustment switch (S77) .....	In "raised level" position. Multimeter display approx. 11–14 V (step 5).
Multimeter .....	Connect, disconnect positive to jack 3, negative to jack 1 in 3-pin plug (Y36c) (step 7).
Ignition .....	Switch on, switch off.
Level adjustment switch (S77) .....	In "lowered level" position. Multimeter display approx. 11-14 V (step 9).

### B. Function test

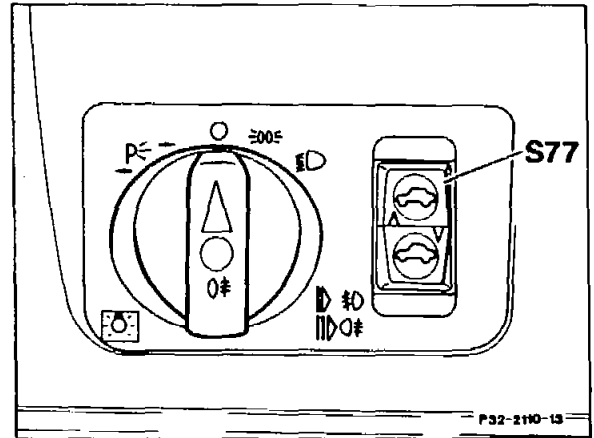
Engine .....	Start, switch off.
Level adjustment switch (S77) .....	In "raised level" position. The control rods must shorten by approx. 10 mm on the front axle and approx. 7 mm on the rear axle (step 13).
3-pin plug (Y36c) .....	Disconnect at level adjustment control valve (Y36). The control rods must extend by approx. 10 mm on the front axle and approx. 7 mm on the rear axle (step 14). Then re-connect 3-pin plug. The control rods must shorten by approx. 10 mm on the front axle and approx. 7 mm on the rear axle (step 15).
Level adjustment switch (S77) .....	In "lowered level" position and repeat the test. In so doing, the control rods must extend/retract by approx. 5 mm on the front axle and approx. 3.5 mm on the rear axle (step 16).

### Commercially available tools and testers, MB testers (see Workshop Equipment Manual)

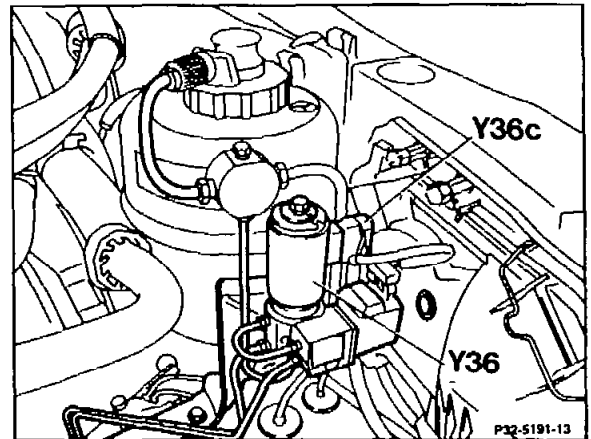
Multimeter	Fluke 23 DB, 83, 88 ITT Metrix MX 47, 50, 51, 52
------------	---

## A. Testing electrical activation

1 Level adjustment switch (S77) in center position ("normal level").

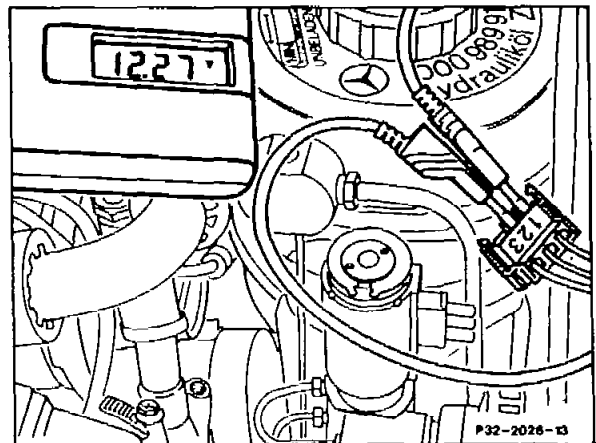


2 Disconnect 3-pin plug (Y36c) on level adjustment control valve (Y36).



3 Connect multimeter positive to jack 2, negative to jack 1 of 3-pin plug (Y36c).

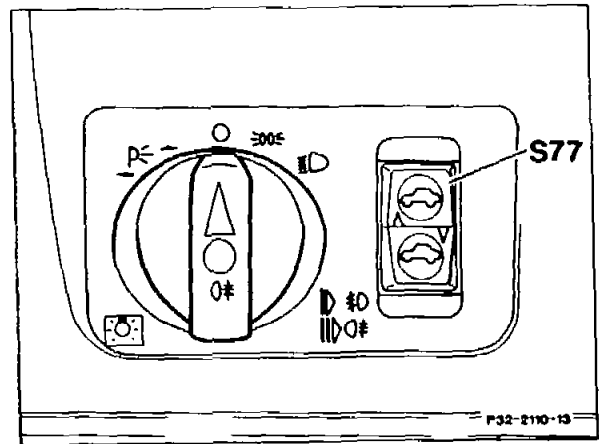
4 Switch on ignition.



5 Level adjustment switch (S77) in "raised level" position.

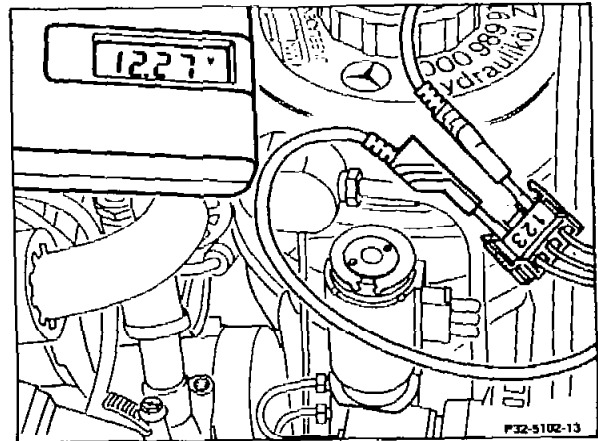
Multimeter display approx. 11-14 V. If the measurement is significantly lower than 11 V, test cables and electrical connections in accordance with the wiring diagram.

6 Switch off ignition.



7 Connect multimeter positive to jack 3, negative to jack 1 of 3-pin plug (Y36c).

8 Switch on ignition

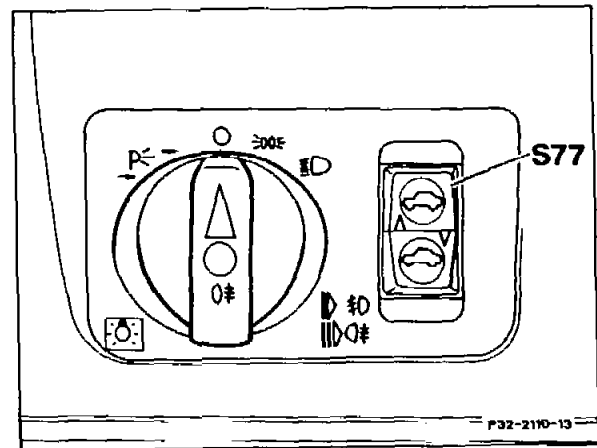


9 Level adjustment switch (S77) in "lowered level" position.

Multimeter display approx. 11-14 V. If the measurement is significantly lower than 11 V, test cables and electrical connections in accordance with the wiring diagram.

10 Switch off ignition.

11 Connect 3-pin plug (Y36c) to level adjustment control valve (Y36).



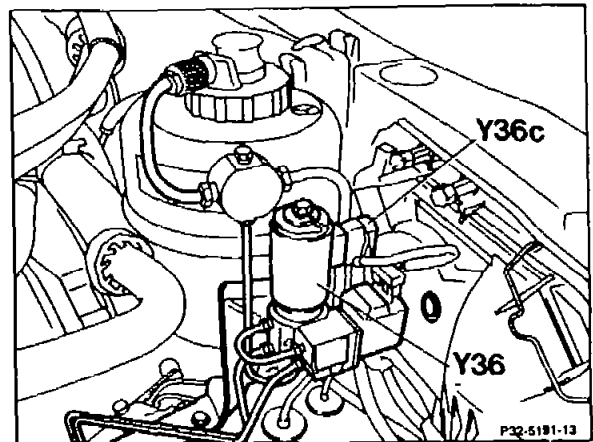
## B. Function test

12 Start engine and run at idle.

13 Move level adjustment switch (S77) to "raised level" position. The control rods must shorten by approx. 10 mm on the front axle and approx. 7 mm on the rear axle.

14 Disconnect 3-pin plug (Y36c) at level adjustment control valve (Y36). The control rods must extend by approx. 10 mm on the front axle and approx. 7 mm on the rear axle.

15 Connect 3-pin plug (Y36c) to level adjustment control valve (Y36). The control rods must shorten by approx. 10 mm on the front axle and approx. 7 mm on the rear axle.



16 Repeat test steps 14 and 15, moving the level adjustment switch to the "lowered level" position. The control rods must extend/retract by approx. 5 mm on the front axle and approx. 3.5 mm on the rear axle.

17 Switch off engine.