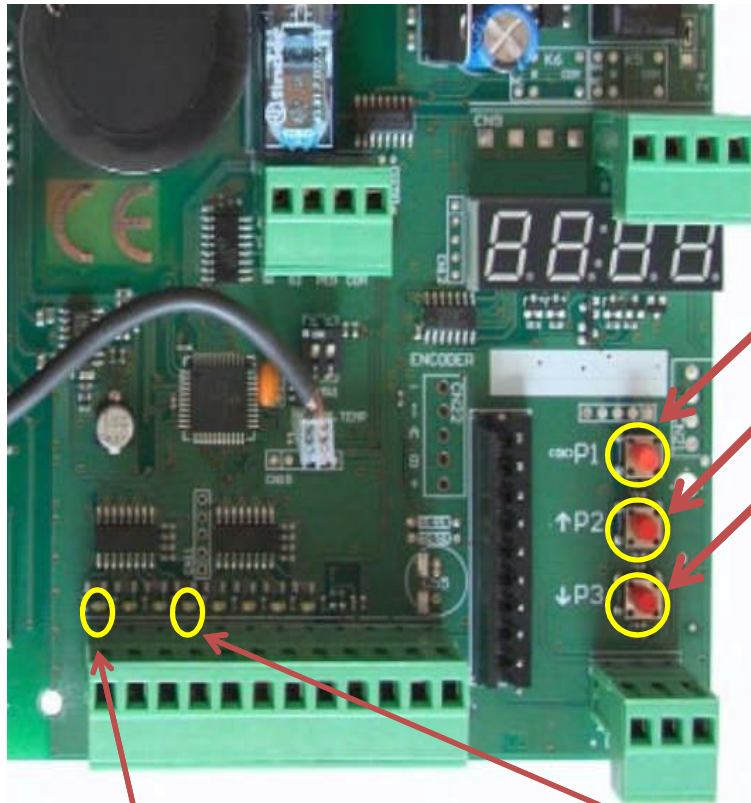
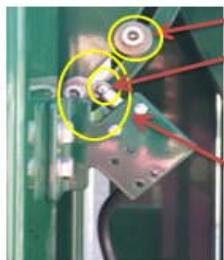


Electrical Control Board Start S12 Devices Management



The first led during one cycle (open and close) has to be RED only when the piston of end-switches touch the screws. If is not like this you have problem with end switches regulations. The following picture shows a case when you have the end-switches that is not regulated as well:

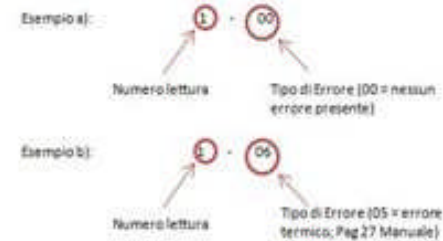


Screws
Piston End-Switches

When Avantgates is totally opened and closed the two last screws MUST touch completely the piston of the end switches (screws must put down the piston of the end switches). Only if the piston of the end switches touch completely the screws the signal arrives to the ECU and the fist led become red and all functions works right.

The fourth Led has to be ALWAYS red. If is not red you have a problem with photocells and you have to understand (passing your hand to the receiver photocells) wich photocell has the damage. The damage one has the relè that do not make the sounds "click".

1. Close Avantgates with the key
2. Remove the cover of the ECU (Electrical Control Board)
3. Keeping holding down button P3 you could see on display the number of complete cycle done by Avantgates until now. (The value is expressed in hundreds unit so if you'll have 331.3 means 331300 cycles. See Manual Page 11).
4. Keeping holding down button P2 you could see on display number and types of electric errors (if they were). For example if on the display you'll have: 1-00, 2-00, 3-00 means that the first, second and third readings were without errors.



5. To go inside ECU's functions press P1 and make the entering code 1098. Use P1 to confirm the exactly number and with P2 and P3 you could ascending and descending order until you could see 1098 on display. After that make confirmation with P1 and you are in.
6. The Safety bar is the only electrical device which does not have a corresponding LED on the ECU. Therefore to see if it works properly you must: select - r - function and make confirmation pushing P1. Pushing P2 scroll up to the value number 13, and then keep holding down the button P1. Keeping holding P1 you could see on the display which, if the safety bar works well has to be different from Zero. If the value is Zero you have problem with safety bar and if you do not get off that, Avantgates doesn't works. Therefore to be able using Avantgates even with the damaged safety Bar you must turn off the electric parameter referred. To do that you have to return to the function list pressing P2 + P3 simultaneously (going back) until you get to - s - function . After that press P1 and pressing P2 flows up to the value 25. Seeing 25 on display press P1. After that with P2 put the value to Zero (0=Off and 1=On) and press to P1 to confirm 0 value (With S25 = 0 the Safety bar was off and you could use Avantgates also if the Safety bar is damaged or broken as well).
7. Our Technician always saved original parameters on ECU particular function. If you want to recall them is simple: go to function - s - , using P2 go to number 28 and press P1 as a confirmation (procedure "Recall Original Memory get in by our Smoes technicians").