



Subject: Re: remote locking failure...

From: "Adrian Streater" <adrian.streater@rheintalflug.com>

Date: Sun, 25 Feb 2001

Dear Peter,

My reply is based on the assumption that you have a stock standard Porsche central locking system, not an aftermarket one. The control unit in the 1987 I believe is the same one fitted to the 964s. I know the 1989 one is.

The click you hear when you turn the key or hit the lock button on the centre console (or wherever it is in your 911) tells you that the earth seeking circuits in the lock are not broken. The latching relays are getting their earths. What is not happening is they have no 12VDC to switch. The most common cause of this is a failure inside the central locking control unit. Remove the unit, which is a small black box and should be mouted in the passenger side footwell or maybe under the seat. Open up the unit which is fairly easy, it is all plastic so be careful. Slide out the printed circuit card and check for damage. There is a post near the front of the PCB near the connector. There is a metal tag soldered onto this post. This solder sometimes cracks and the tag is under spring pressure and it detaches itself. Resolder the tag back and all will work again (this was the exact fault my system had, took 30 seconds to fix). I have also heard that these PCBs actually crack. This cannot be repaired and the control unit has to be replaced. Cost around \$US90. Well that is what they cost here in Europe from a Porsche dealer.

So in a quick summary. The inputs to the control unit from the doors and key locks are earths. The output from the control unit is 12VDC to the door lock actuators. The 12VDC is sent out on one pin to open and another to close. The circuit is very simple. The clicking tells me that the earth circuits are intact. Another quick test you can carry out is, if you have an alarm system as well is, sit in the 911, manually lock both doors and check that the alarm system is armed. If the system arms this tells you that the earths in door lock position system/wiring is also intact.

Hope this helps,

Ciao,

Adrian

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