



[964] rear spoiler problem solution
From: Kevin Smith <smithcam@gte.net>
Date: Sat, 05 May 2001

In the spirit of tracking some of the problems/solutions we find with the cars, I want to share with this group an elusive problem with the automatic raising/lowering of the rear spoiler on the 964 C2/C4 that I have fixed.

The spoiler would frequently fail to raise approximately 10% of the time after which the spoiler warning light would come on. After stopping the car, the spoiler would retract, and light would go off. In addition, spoiler would not raise with manual control with the exception of the first start from the garage.

After disassembly and re-lube of the mechanism, hinged parts and drive cable, I thought I had this problem solved, but it continued.

This problem was traced to the failure of the spoiler down limit switch (a micro switch) in the spoiler retract mechanism. The limit switch circuit always remained open - even after wing was closed. Controller would then think spoiler was still raised.

To test for this problem:

- 1) remove spoiler mechanism cover.
- 2) unplug connector from limit switch harness under engine lid.
- 3) test continuity in pins 1-2 (raise limit switch) and 3-4 (lower limit switch) while manually exercising the micro switch lever.
- 4) if one or both switches fail, replace harness and switches with original porsche part 964 613 107 01. (this is for '91 C2)

Thanks to all who helped with this one...

-Kevin
'91 C2