

Repairing the ignition switch

I have opened 3 ignition switches of Pasos so far and all showed the same defect. Due to heat the guide of the contacts started to melt and deform. As a consequence one or both pick-ups will have either no contact or are blocked in position. In the later case the key will turn only very hard or not at all. Possibly the heat is created by high resistances caused by bad electrical connections.

In the case shown here the guide of one contact was melted. As you see in the pictures one of the 2 contacts in the switch is lower than the other. There`s a small spring below the contacts that pushes them up but here it was not possible.

All you need for the job is a small screw driver, a knife and a hammer. Beware to have a clean environment as you could lose a spring if you open the switch.

1. use a screwdriver to remove the bottom cap gently
2. then slowly lift out the bottom part with the cables
3. put your hand in front when you remove the bottom part as a spring could pop out
4. pull out the white turning part
5. the contacts with the spring below should just fall out if not lift`em out
6. carefully cut and grind the burnt edge and then test if the contact moves free up and down
7. put the white part back in (the`s only one position)
8. clean the contacts of the bottom part with fine sandpaper (contact cleaner spray)
9. if you want to grease the contacts do not use battery pole grease as that`s acid. There`s special grease for electrical contacts
10. position the bottom part and push it on (do not use any sharp tool, screwdriver or similar to push it in as the plastic may just break (made that experience once, luckily it still worked)
11. then push the endcap on
12. the strain relief is fixed on the ignition switch housing. On this switch it was already broken off so I just enlarged the hole of the metal tongue a bit and fixed it with a cable tie

That`s it.

Gerhard 2007



















