Purpose: How the Key Switch Works on All TASKI Machines
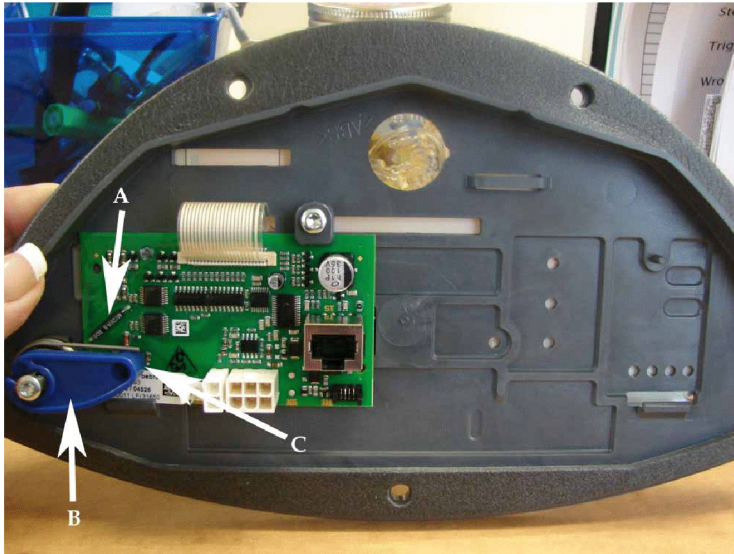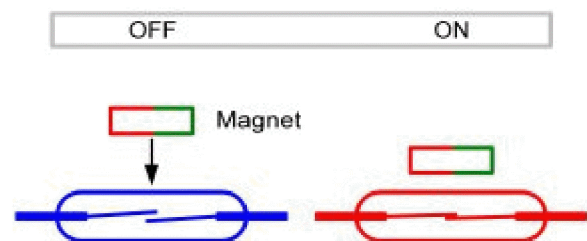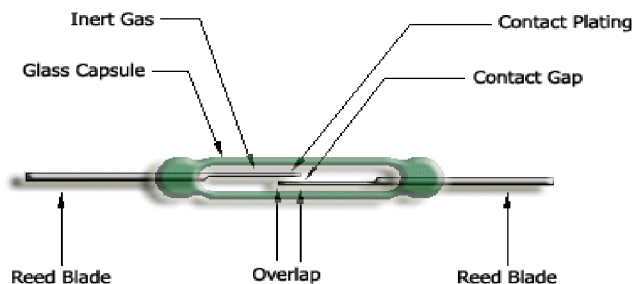

When the key is turned, the key switch mechanism (B) turns and the magnet (C) which is located in the arm of the mechanism, crosses over the reed switch (A) which activates the control panel.

What is a reed switch and how does it work:

A Reed Switch consists of a pair of ferromagnetic reeds, overlapping at their free ends (contact area) at a very small distance and hermetically sealed in a glass tube. The contact area is plated with contact material such as Ruthenium or Rhodium. In presence of a magnetic field the reeds become magnetized the opposite polarity, thus attracting each other and closing contact.

Part numbers for the key and key switch assembly:

The key switch can be replaced, as well as, the key.

The replacement key is part no. 192-1592 and is used on all TASKI battery operated machines with the exception of the Combimat Swingo 2500/3500 which uses a metal key and is part no. 192-1064.

The key switch assembly varies from machine to machine (battery versions only). Here is the part no. breakdown:

Swingo XP is part no. 192-8734

Swingo 1650B and 1850B is part no. 192-9337

Swingo 755B and 855B is part no. 192-4658 for the ECO model and 192-9337 for the POW model.

Swingo 450B, 750B and 1250B all use part no. 192-4658. There is no difference in ECO or POW models.

Combimat Swingo 2500/3500 uses part no. 192-0025.

Most common issues with the key switch:

When a customer reports the dashboard or control panel will not light up or will light up briefly have them check the following:

1. Make sure the magnet is present in the key switch.
2. Make sure the magnet is crossing over the reed switch when the key is turned.
3. Sometimes the key switch is too tight and customer may need to loosen the screw on the key switch assembly by a ¼ turn CCW.
4. If the above are okay, further trouble shooting is required to determine the issue with the control panel.