

Tripped Safety Switch

Process of elimination to find faulty apparatus.

Tripped Safety Switch —Things to remember ...

- A safety switch protects you and your family. It trips in a fraction of a second when a leakage to earth is detected. *Turn your thinking around. Do not see it as an annoyance – rather be thankful that it has just potentially saved the life of a loved one.*
 - Test your Safety Switch regularly. Push to 'TRIP' button to ensure the Safety Switch does trip. If it fails to trip, call your Electrician immediately to have this rectified.
 - If it is a Circuit Breaker that trips and not the Safety Switch, that circuit is overloaded. Relocate an item to another circuit.
 - Items with an element (i.e the jug or toaster) usually cause nuisance tripping of Safety Switches and Circuit Breakers.
 - Sometimes the Defrost Cycle on Refrigerators can cause the Safety Switch to trip.
1. Turn off all Circuit Breakers.
 2. Reset Safety Switch.
 3. Turn Circuit Breakers back on – one at a time.
 4. When Safety Switch trips, it indicates that apparatus connected to that particular circuit is faulty.
 5. Turn that particular circuit breaker off.
 6. Reset Safety Switch.
 7. Locate all apparatus without power. **UNPLUG** these items from the PowerPoint. (Don't forget the dishwasher, the garbage disposal, the bore pump)
 8. Reset the Circuit Breaker.
 - a) If it again trips the Safety Switch, there is still something plugged in. Locate those items and unplug and then return to Step 5.
 - b) If it does not trip, you know everything is unplugged
 9. Now, one by one, begin plugging things back into their PowerPoints.
 - a) Continue until the Safety Switch trips. The item plugged in just before the Safety Switch trips is the faulty item. (This is easier with 2 people) Consider replacing that item.
 - b) If all items are plugged back in and the Safety Switch has not tripped, it could be an intermittent fault with a piece of apparatus or with the Safety Switch. Remember to test your Safety Switch regularly but if the problem persists, consult your Electrician.