

How to Check the system for an arc signal-ThunderX-PRO

→ Problem: Check the system for an arc signal;

- Solution overview:
1. The THC is damage;
 2. The arc voltage board is damage;
 3. Check THC and wiring;

Problem analysis:

- ✳ 1. The THC is damage;

Solution: Open the system, Press **【ARCON TEST】** Button on the THC , check THC of **【ARCON】** light is on or not.



If **【ARCON】** light on, at the same time, you check C and D circuit work well, it proves THC is no problem.

If **【ARCON】** light not on, at the same time, you check C and D circuit is in open circuit, it proves THC failure.

Please: Change a NEW THC

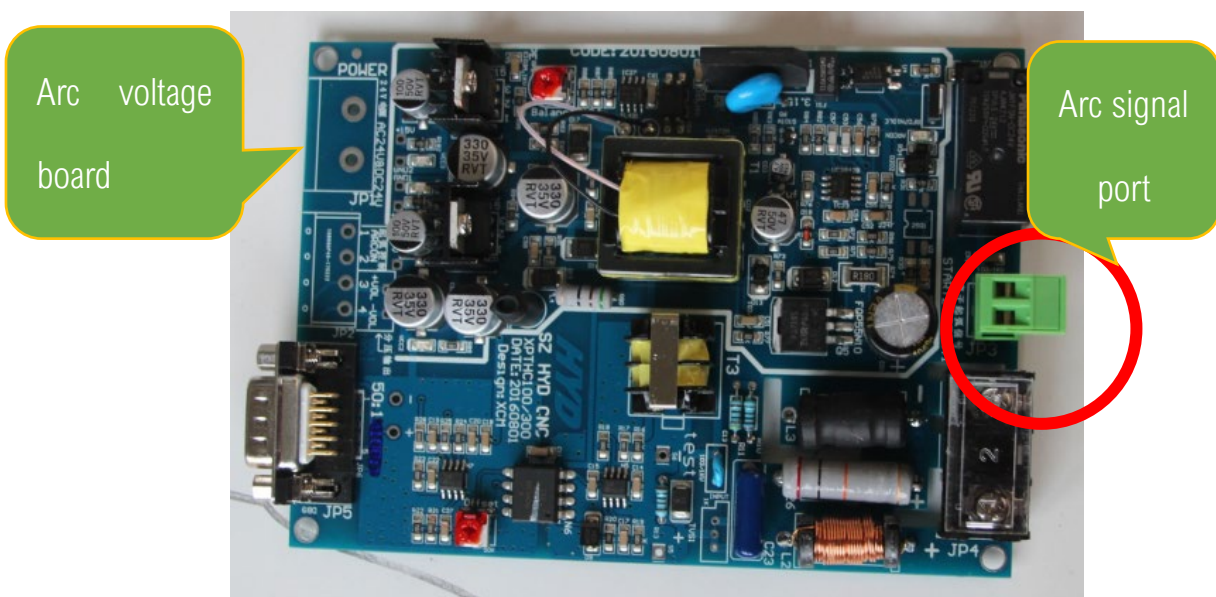
Service Support Spirit

Problem analysis:

✦ 2. The arc voltage board is damage;

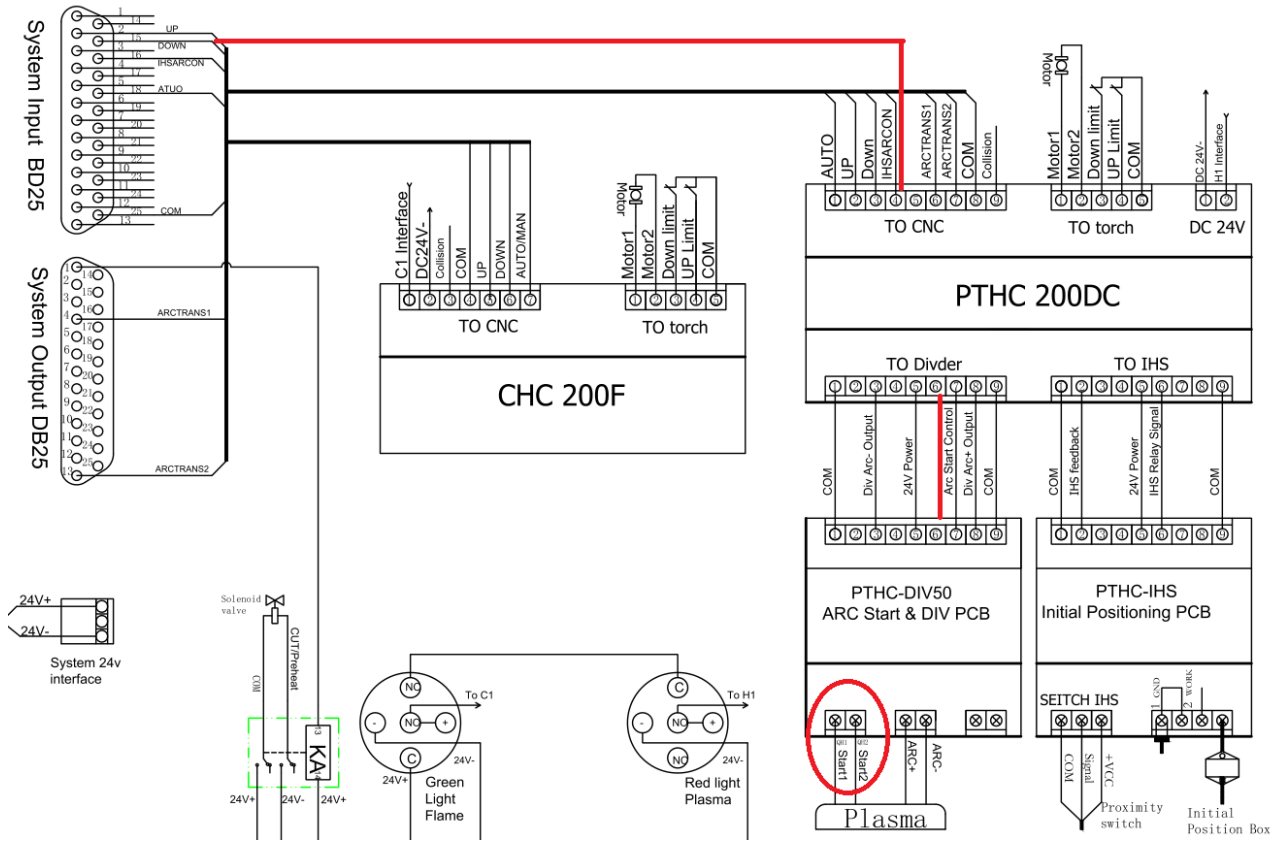
Solution: Press **【ARCON TEST】** Button on the THC and **【ARCON】** light on, then you check arc voltage board of **【arc signal port】**, if **【arc signal port】** circuit work well, it proves arc start cable is open circuit.

Please: Change the NEW cable



If **【arc signal port】** circuit is in open circuit, Pls check arcon signal circuit is open or not. The arcon signal circuit is marked by red line. Recover it if you confirmed it is in open circuit.

Check the wiring with reference to the circuit diagram:



If press **【ARCON TEST】** Button, **【ARCON】** light on and arcon signal circuit works well, then check “To divider” port:

If there is voltage on pin 1 and pin 7, it proves arc voltage board failure, Pls change a new arc voltage board; otherwise, If no voltage of pin 1 and pin 7, it proves THC failure, pls change a new THC.

