

Summary

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Connector

XT125-400



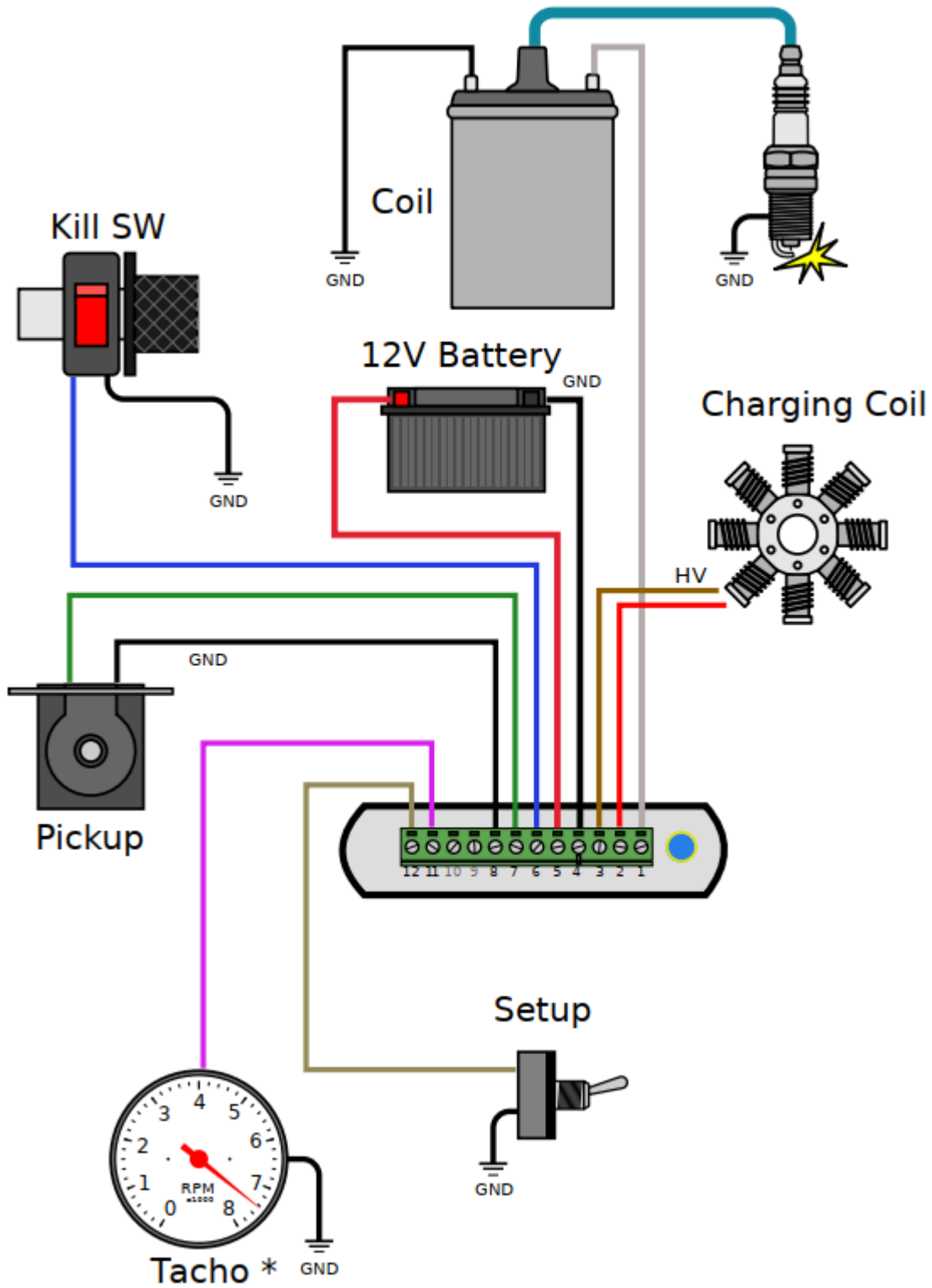
- | | | |
|-----------|--------|--|
| 1 | output | To ignition coil |
| 2 | input | High Voltage from Charging Coil (Red wire) |
| 3 | input | High Voltage from Charging Coil (Braun wire) |
| 4 | input | Ground frame (=minus from battery) |
| 5 | input | +12Vdc from battery |
| 6 | input | Kill switch |
| 7 | input | Pickup (White wire) |
| 8 | input | Pickup Ground (Black wire) |
| 9 | | <i>not connected</i> |
| 10 | | <i>not connected</i> |
| 11 | | <i>not connected</i> |
| 12 | input | SELECT switch for Setup |



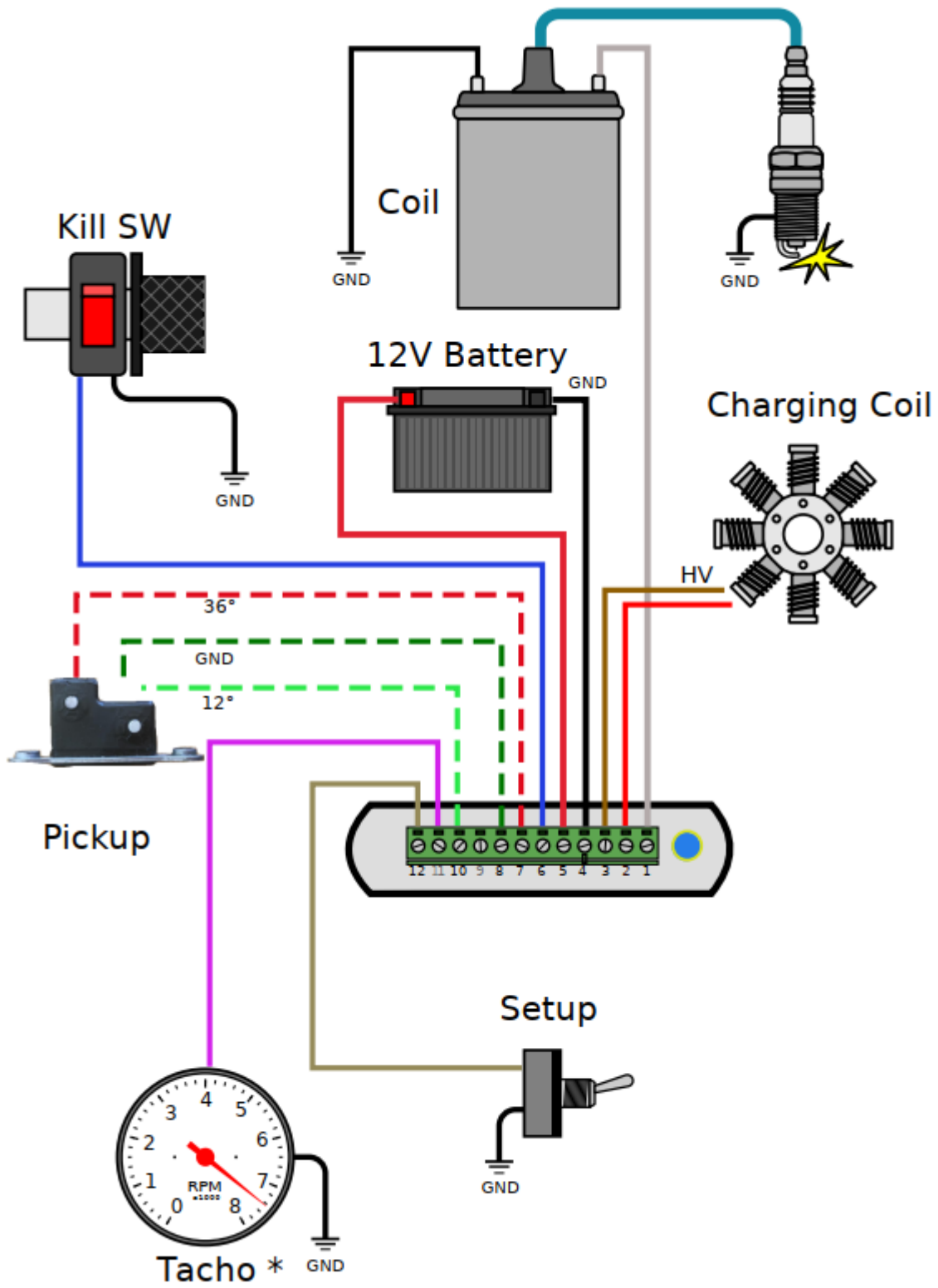
- 1 output To ignition coil
- 2 input High Voltage from Charging Coil (Red wire)
- 3 input High Voltage from Charging Coil (Braun wire)
- 4 input **Ground frame (=minus from battery)**
- 5 input **+12Vdc from battery**
- 6 input Kill switch
- 7 input Pickup 36° for High Speed (Red/White wire)
- 8 input Pickup Ground - Center Tap (Green wire)
- 9 *not connected*
- 10 input Pickup 12° for Low Speed (Green/White wire)
- 11 *not connected*
- 12 input SELECT switch for Setup

Wiring

XT125-400:



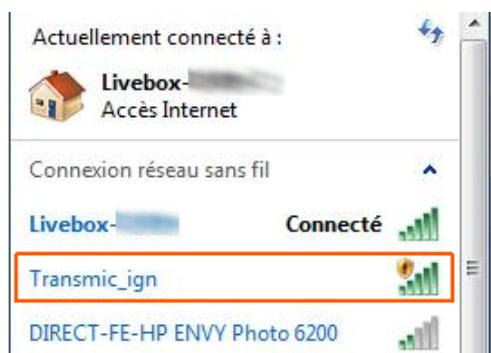
** optional*



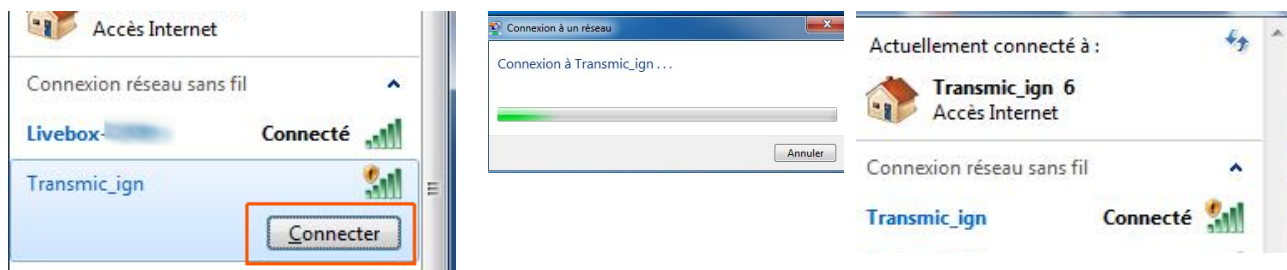
* optional

Setup Mode

- 1) Turn the **SELECT Switch ON** (*connector pin 12 connected to ground*) **PRIOR** to power on the ignition box.
- 2) **Power on** the ignition box with a 6 to 12v battery.
When the ignition box detects that the Select switch is already grounded, it turns into SETUP Mode.
- 3) The ignition box starts a **WiFi AP (Access Point)**
- 4) On your phone, laptop, PC, whatever, go to the **Wifi setting** and search for a new SSID called **transmic_ign**



- 6) **Connect** to it. (If a password is asked, use "*password*")



- 8) Once your device is connected to the AP, open up a **browser** and head over to <http://192.168.4.1/> (**http not https !**)

- 9) Once connected your browser should display:

TRANSMIC.FR

<MODEL> <VERSION>

You are now connected
to your ignition box.

Options: 5
Serial: 2301 ©

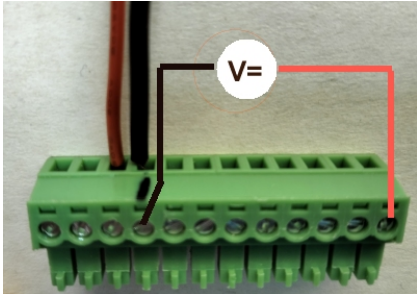
Configuration

- 10) Turn the **SELECT Switch OFF** for Running mode.

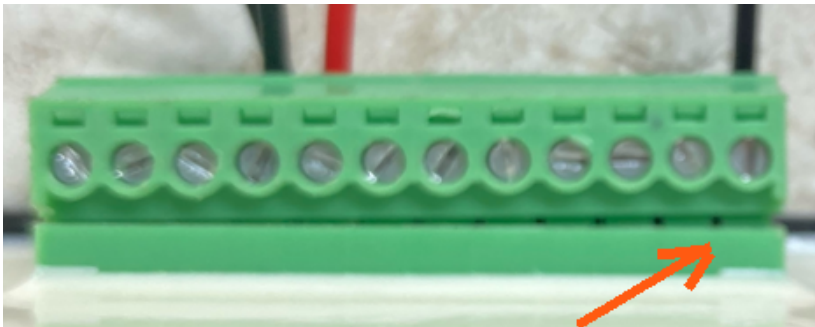
Troubleshooting

No WiFi Access Point appears:

- While the ignition is powered by +12v battery, measure the voltage between ground (screw N°4) and Select (screw N°12): It should be around +3Vdc



- if not, then check that the 12pins connector is FULLY inserted and there is nothing preventing the male connector from fully engaging.



- You can see available SSID with a WiFi Analyzer as [NetSpot for Android](#) or [Wifi-Analyzer for W10](#)

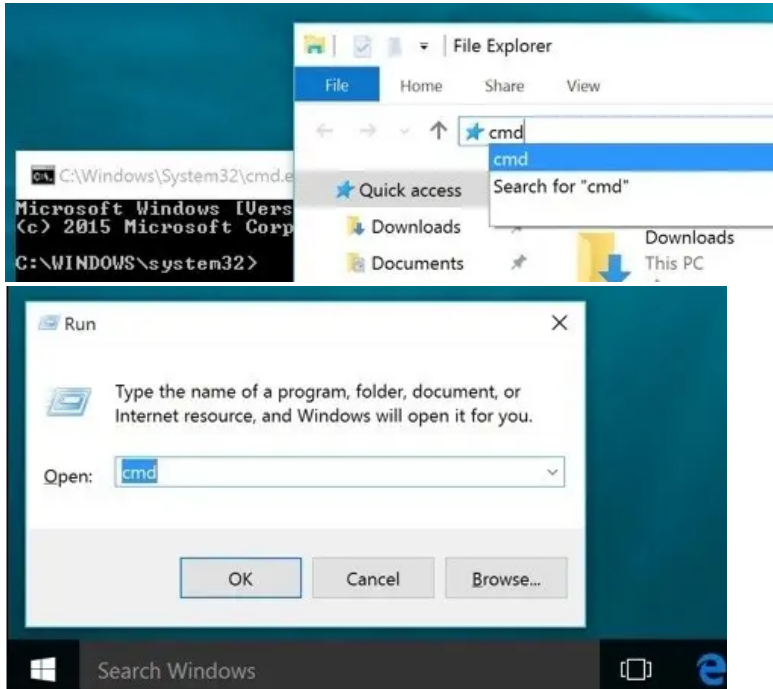
- Reboot the ignition box. (Power off/power up)

WiFi Access Point appears:

- Connect to the WiFi AP and test the network connection from your laptop to the ignition box:

Open a command Prompt:

Type "*cmd*" into the address bar of File Explorer and hit Enter or Press Windows+R to open "Run" box. Type "*cmd*" and then click "OK"



ping the ignition box, it should replies:

C:\>ping 192.168.4.1

Pinging 192.168.4.1 with 32 bytes of data :

Reply from 192.168.1.1 : bytes=32 time<1ms TTL=64

Reply from 192.168.1.1 : bytes=32 time<1ms TTL=64

Reply from 192.168.1.1 : bytes=32 time<1ms TTL=64

Clear DNS cache

Windows:	in MsDos console:	C:\>ipconfig /flushdns
MacOS:	in Terminal :	sudo dscacheutil -flushcache
Linux:	in Terminal:	sudo systemd-resolve --flush-caches

Troubleshooting display

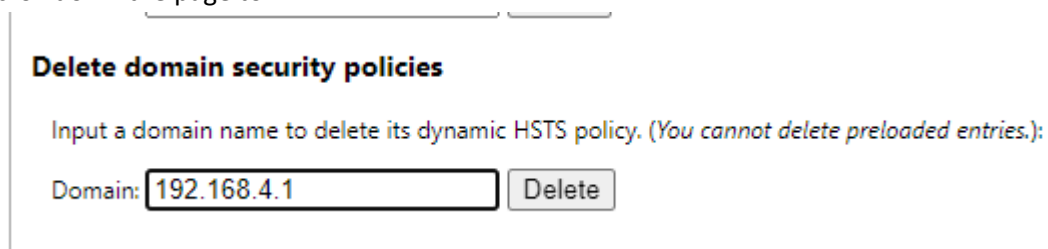
- Ignore any browser message saying it's not connected to internet:



Indeed, it's connected ONLY to the Ignition box, not to the web.
(It's impossible to reach Google and the ignition box at the same time)

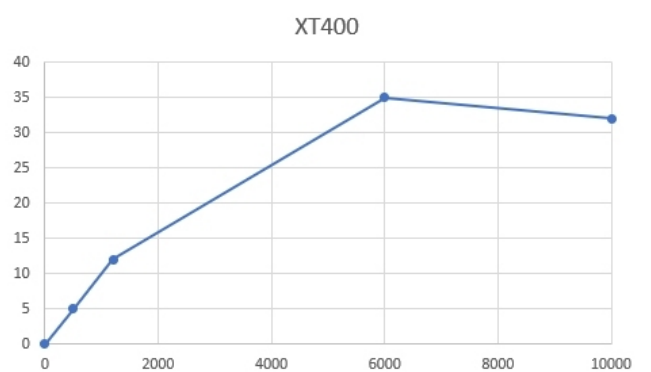
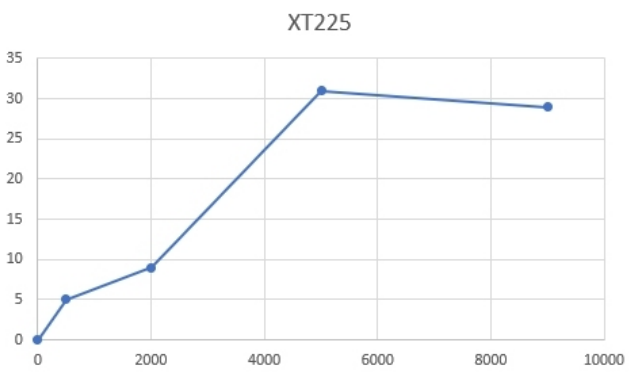
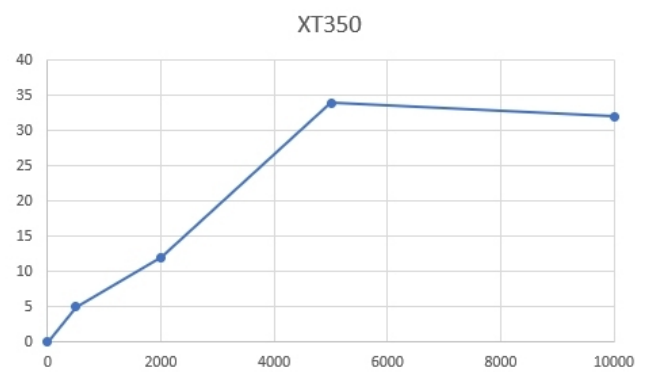
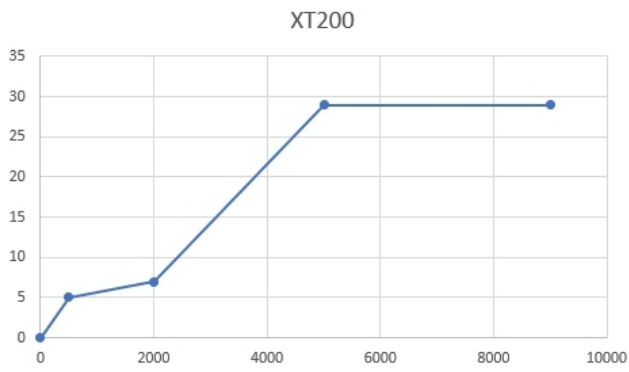
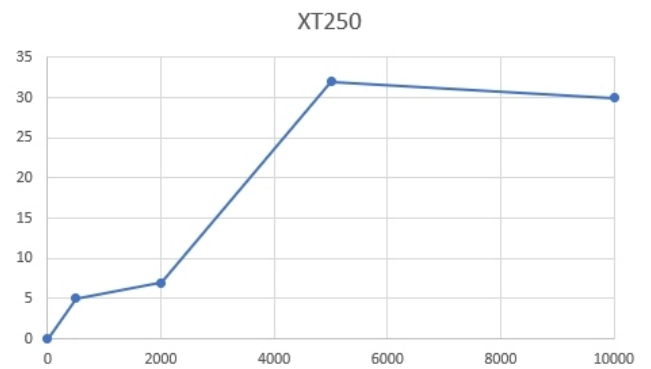
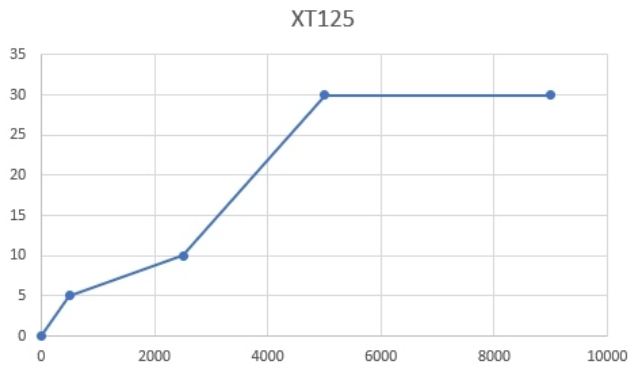
Console URL is **http://** NOT **https://** but some browsers like Chrome automatically switch to secure **https://**

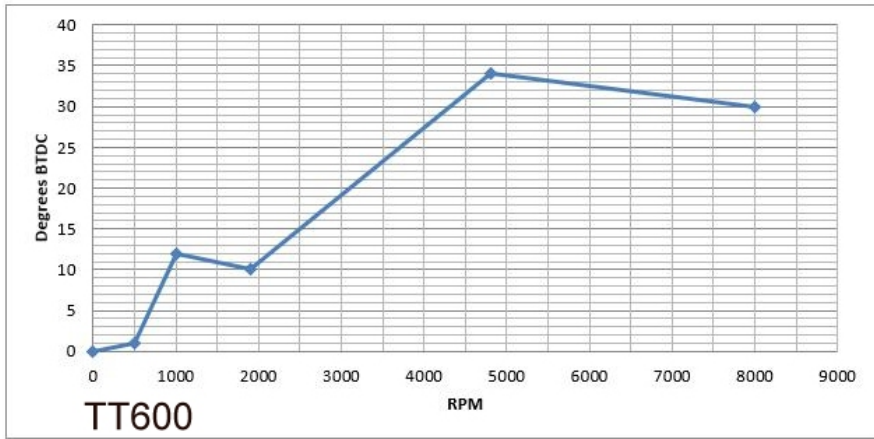
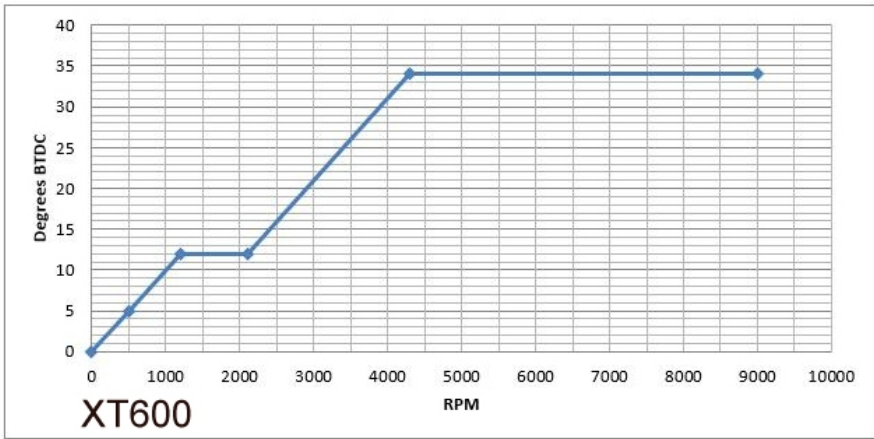
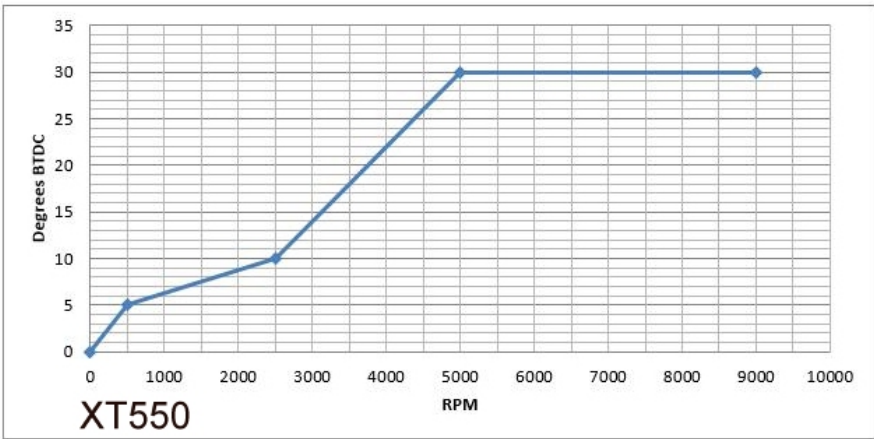
- Use Firefox. Close all Firefox windows than relaunch it.
- or in Chrome, disable **HSTS** (*HTTP Strict Transport Security*) that forces to open websites in HTTPS:
 - Write **chrome://net-internals/#hsts** in the address bar.
 - Scroll down the page to :



- add **192.168.4.1** and hit **Delete** to disable *Force https* for this particular website.

Advance curves





KILL Switch

Ign. Switch OFF	Ign. Switch ON	Kill switch / GND	Kill switch / NoGND	Spark	Expected
X		X		Yes	No Spark
X			X	Yes	No Spark
	X	X		No	No Spark
	X		X	Yes	Spark

Kill switch is non-effective when ignition key is off.

It's something particular to XT550-600 because those bikes have 2 pickups with the 12° pickup DIRECTLY firing sparks WITHOUT going through the internal processor.

In ACCDiV12, the KILL switch status is read by the processor.

When the processor is powered on, it is able to stop sparks but if the ignition key is OFF, the processor is switched off and doesn't see the kill status, so the 12° pkp continue to fire the engine no matter the kill sw position.

You can live as it or, if you want the classical way:

Disconnect the kill sw from the CDI and let it connect to the alternator as usual.