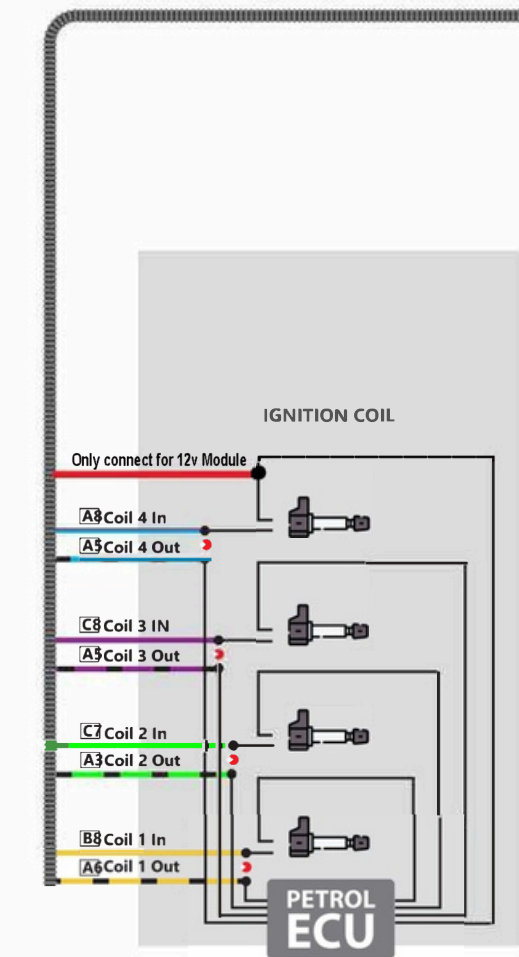


# I WIĄZKA CZARNA | BLACK HARNESS

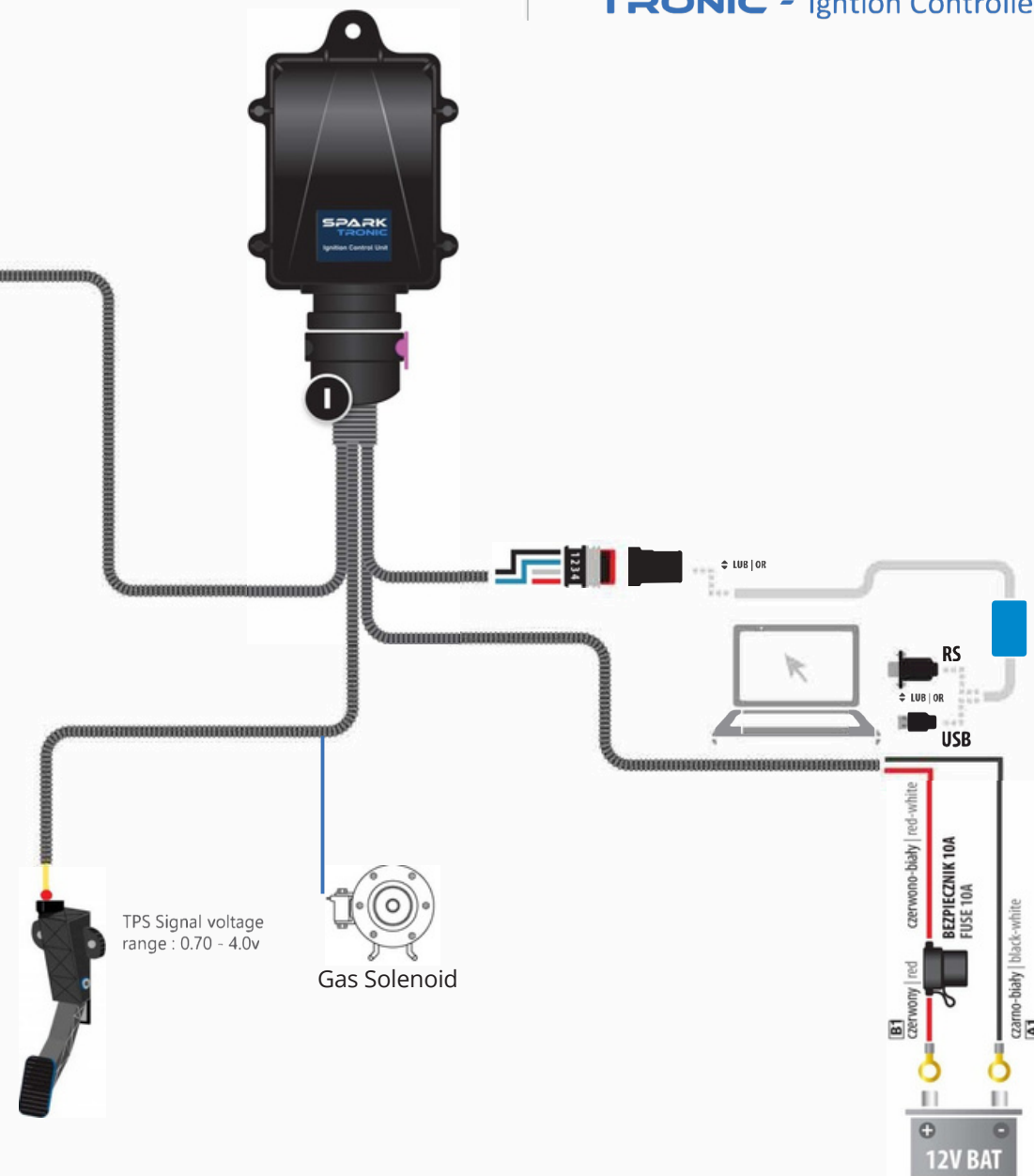
8	7	6	5	4	3	2	1	
Coil 4 In	TPS	Coil 1 Out	Coil 3 Out	Coil 4 Out	Coil 2 Out	K Line	GND	A
Coil 1 In		RXD	CKP IN			Can H	+12V BAT	B
Coil 3 In	Coil 2 In	TXD		12v+ Gas		CAN L		C

**! UWAGA! | WARNING!**  
Always check signal source before connecting, never connect signal to +12v or Gnd of Ignition coil.



## SCHEMAT PODŁĄCZENIA | TECHNICAL DIAGRAM

**SPARK**  
**TRONIC** - Ignition Controller



nie montować  
złączem do góry  
do not mount  
connector upwards

# IDENTIFICATION OF IGNITION COILS

using multimeter measure the wires voltage to select 5V or 12V Sparktronic (please note 5V signal shows on multimeter is 0.1V)

Vehicle Suitable for SPARKTRONIC  
5V

Vehicle Suitable for SPARKTRONIC  
12V

Number of wires	start engine to measure the estimated voltage of the wires	signal function introduction
3 wires	around 14V	power supply
	0.1V	signal
	0V	ground
4 wires	14V (sometimes it's 12V-14V)	power supply
	0V or 5V	
	0.1V	signal
	0V	ground

Number of coils	start engine to measure the estimated voltage of the wires	signal function introduction
2 wires	around 14V	power supply
	13.5V	signal
3 wires	14V	power supply
	13.5V	signal
	0V	ground