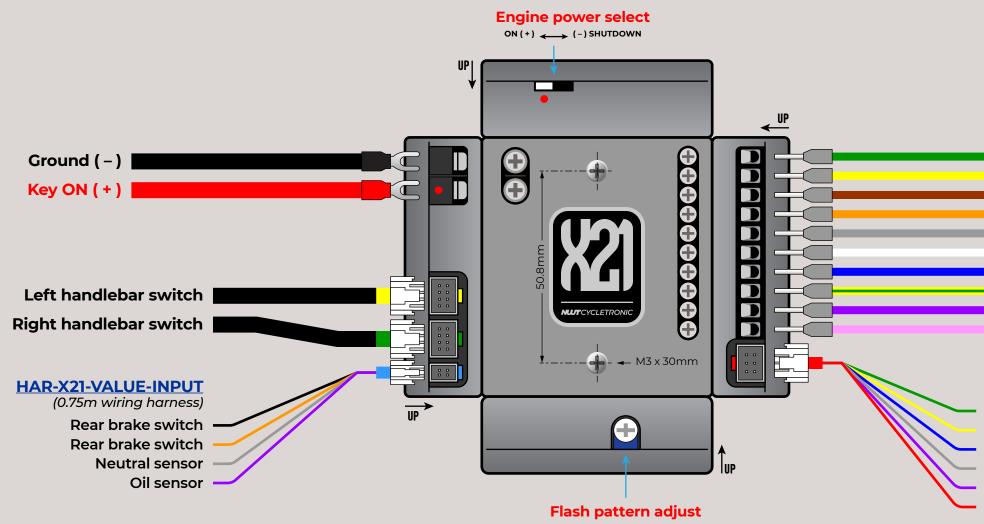


Control Hub

BOX DIMENSION: L = 70mm, W = 62mm, H = 21mm



NUTCYCLETRONIC

- (+) Right signal
- (+) Left signal
- (+) Tail marker
- (+) Brake light
- (+) Horn
- (+) Headlight LO
- (+) Headlight HI
- () Starter solenoid
- (+) Starter solenoid
- (+/-) Engine power

HAR-X21-VALUE-OUTPUT (1.25m wiring harness)

- (+) Right indicator
- (+) Left indicator
- (+) HI indicator
- (-) Neutral indicator
- (-) Oil indicator
- (+) Dash / indicator power

X21 VALUE PINOUT

Read installation thoroughly before starting.

- Component checklist [] Section A
- Section **B** Component mounting []
- Power / charging / starting Section C
- Engine power / spark coil Section D []
- Lights / horn Section E []
- Switches / dash lights Section F []
- System check Section G
- Finalizing Section H []

Take pictures and document your progress. It comes in handy if or when you need help. Share your project with us and inspire others. Most importantly, **HAVE FUN!** It's a hobby, remember? We're here for you all the way.



SECTION A

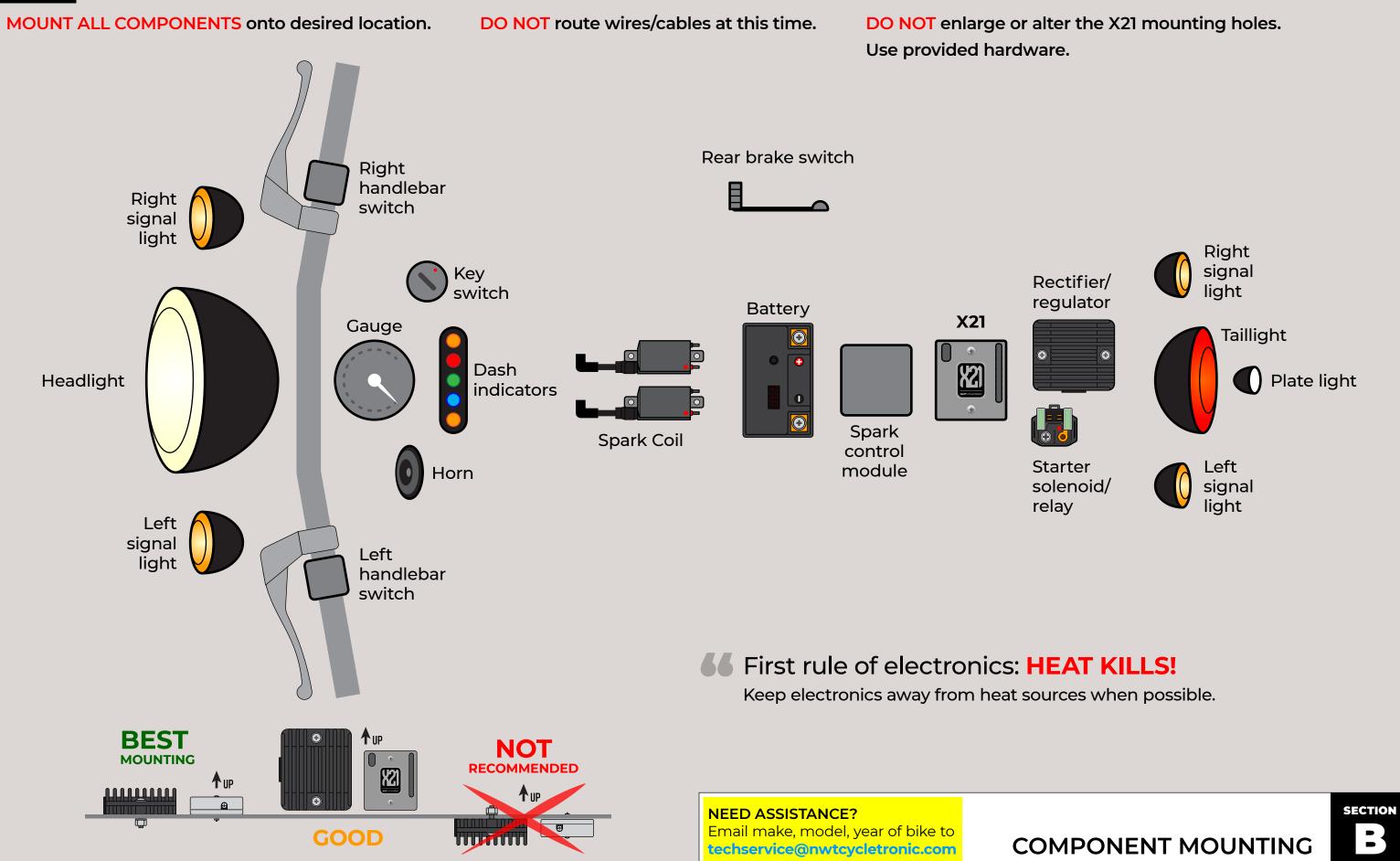
- Battery (MANDATORY)
-] Rectifier/regulator (MANDATORY)
-] Starter solenoid/relay *electric start bikes only*
-] Spark control module (CDI / TCI / points breaker)
-] Spark plug coil(s)
-] Key switch
-] Gauge(s)
-] Dash indicators
-] Headlight
-] Signal lights
- [] Horn
-] Taillight
-] Plate light *optional*
-] Brake switch (front / rear)
-] Neutral sensor switch
-] Additional sensors/switches (oil / clutch)

- [] 8awg or LARGER wires (battery / solenoid / starter motor)
- [] 16awg wires (key switch)
- [] 18awg wires (horn / headlight / etc.)
- [] 20awg or SMALLER wires (LED lights)
- [] Various size RING terminals
- [] Various connectors or solder with shrink tube
- [] Zip ties
- [] Tape / cable wraps / split loom
- [] Single FUSE HOLDER *for non protected starter solenoids / key switches*





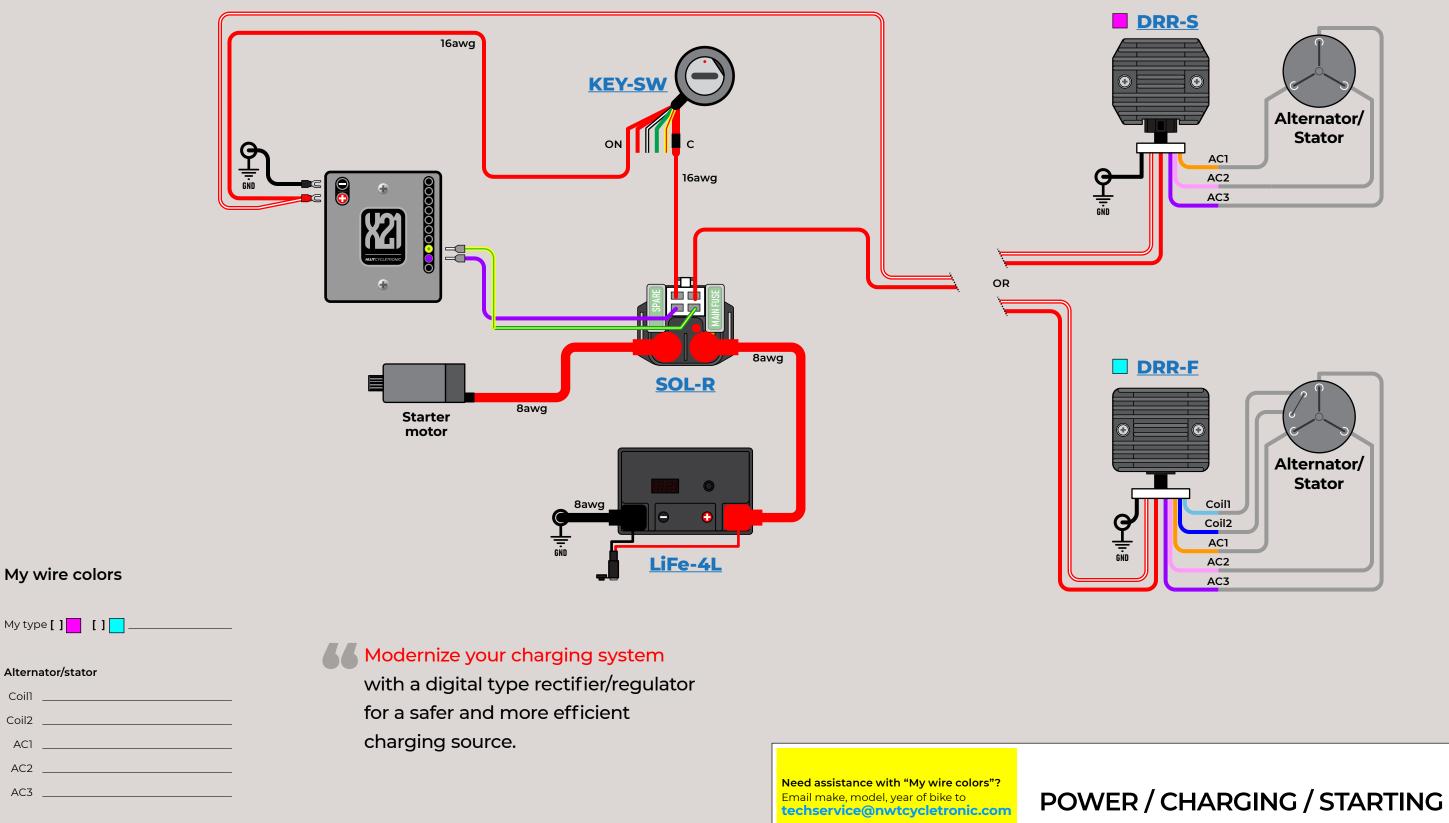
SECTION B



SECTION C

REMOVE FUSE from fuse holder before starting. DO NOT install fuse until instructed.

Use recommended wire gauge size. **DO NOT over torque**/tighten screw terminals.





SECTION D

Tb

Та

e(cdi) GND

Та

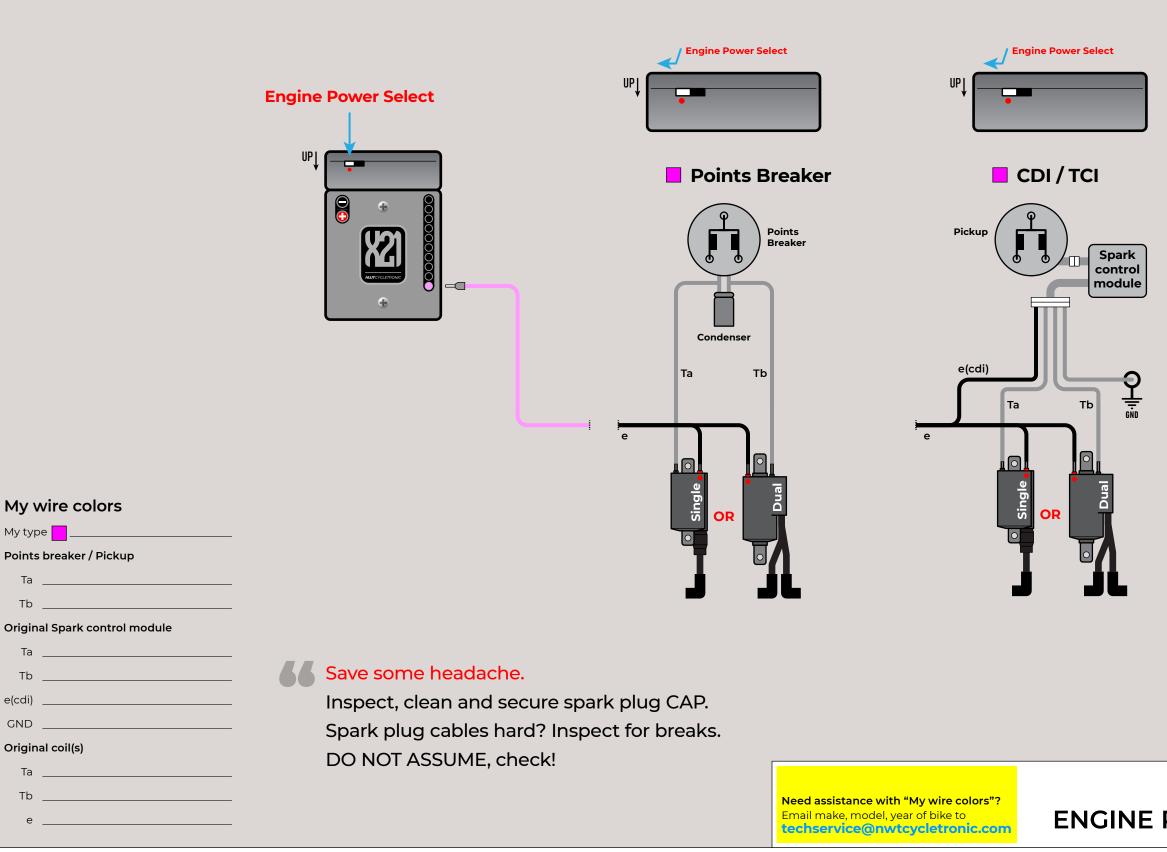
Tb

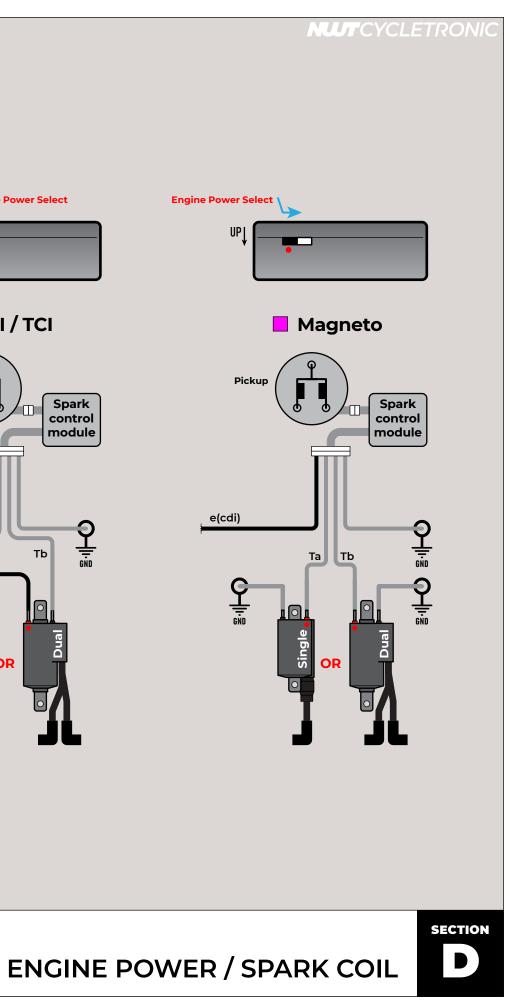
е

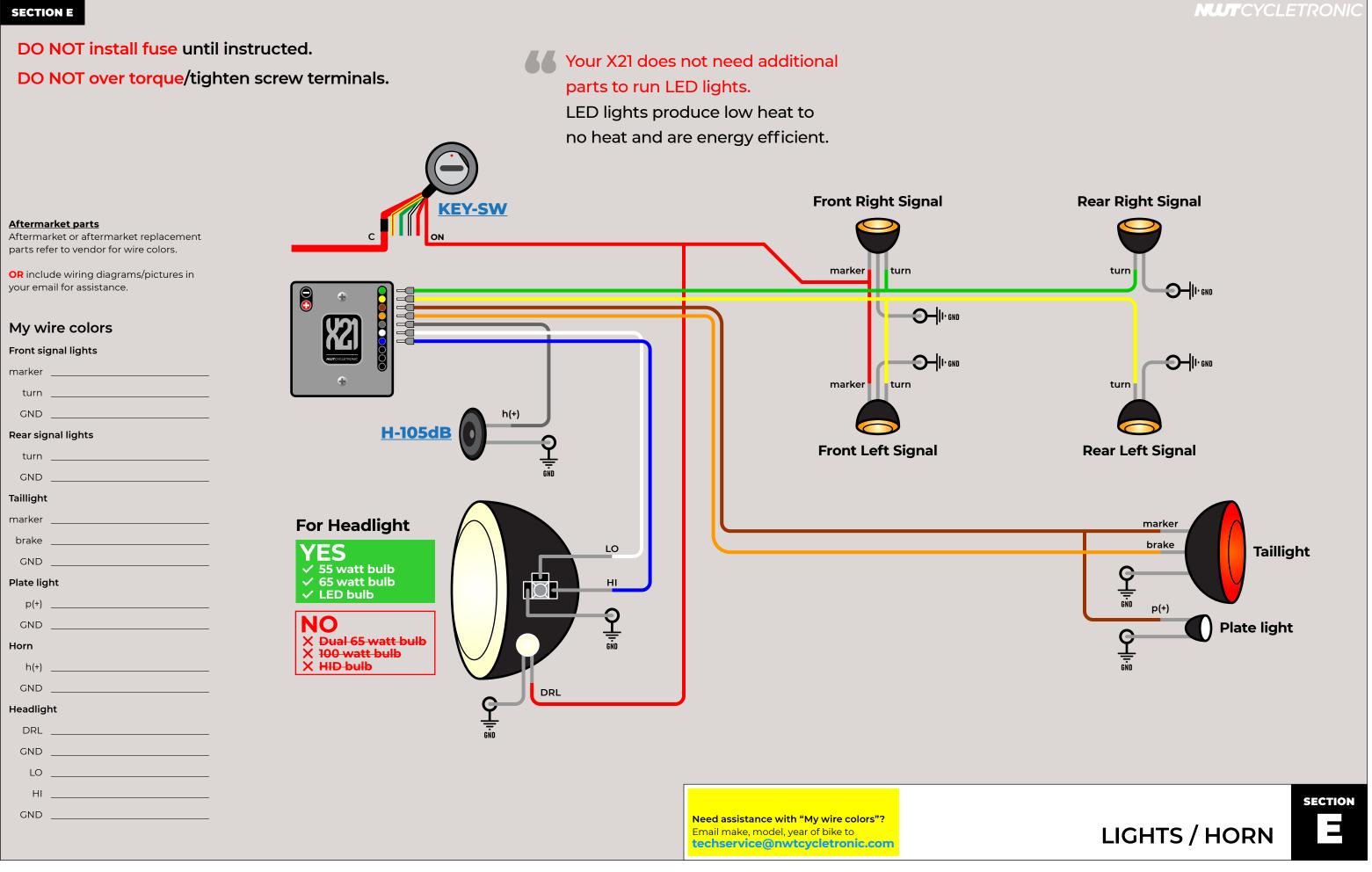
DO NOT install fuse until instructed.

Pay attention to "Engine Power Select" switch position.

DO NOT over torque/tighten screw terminals.



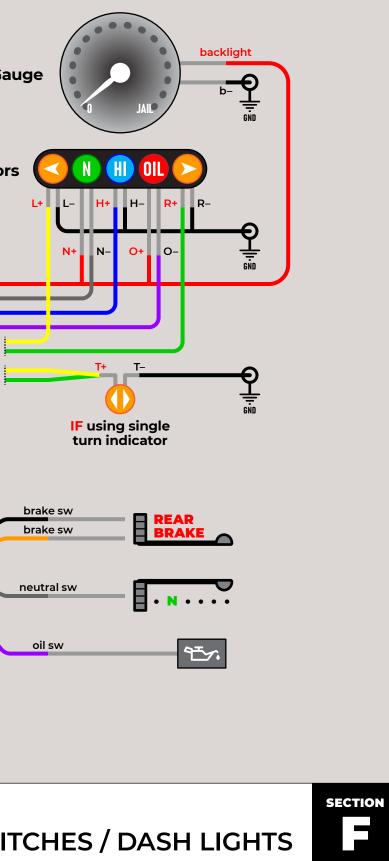




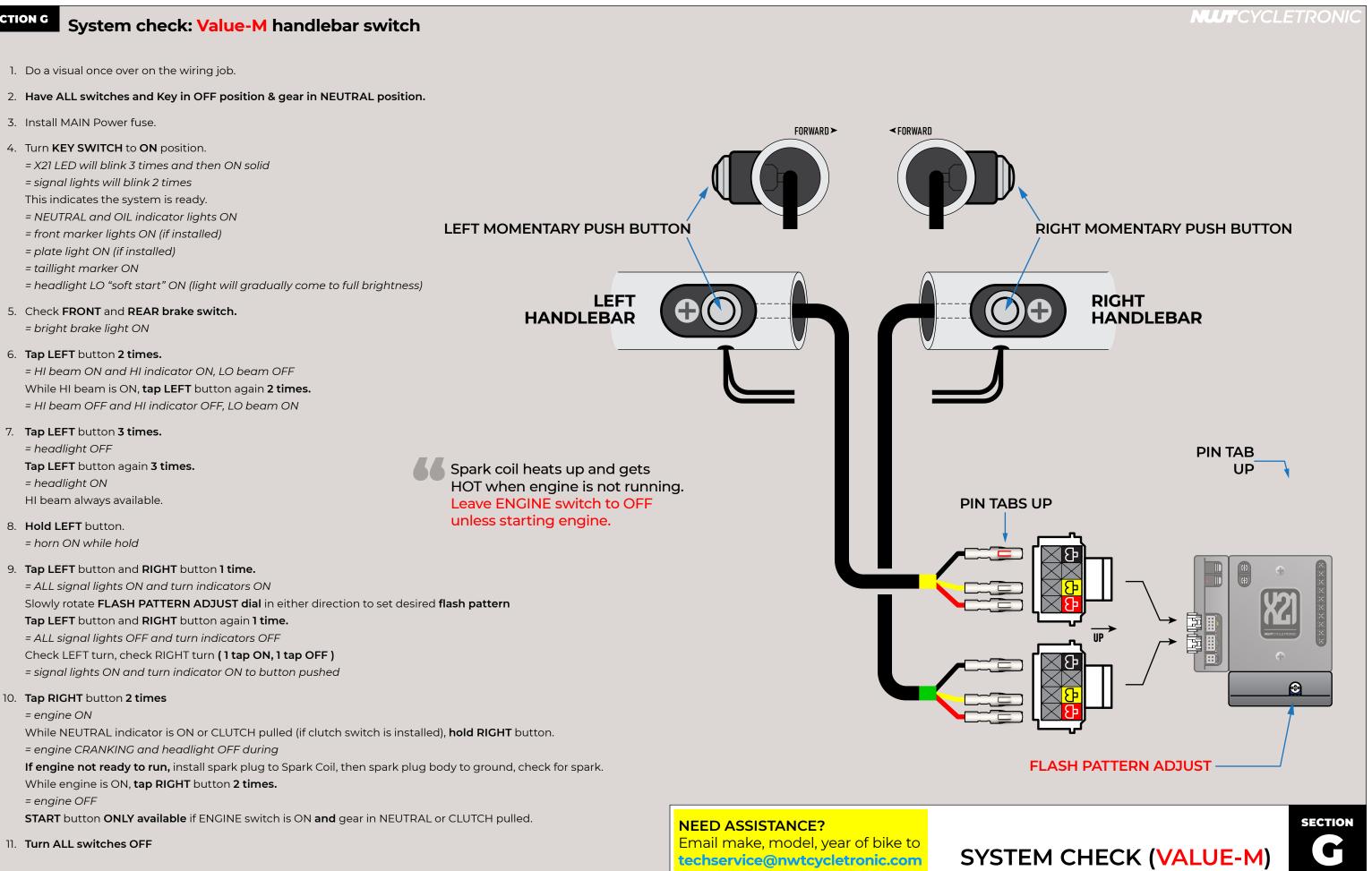
DO NOT install fuse until instructed.

Pay attention to cable slack for steering head movement.

Aftermarket parts Aftermarket or aftermarket replacement parts refer to vendor for wire colors. OR include wiring diagrams/pictures in your email for assistance. My wire colors Gauge	6	Turn steering head to the routing dash and hand. This will ensure that you cable slack. The red "be also be used for power	dlebar cables. ou have the correct <mark>acklight" wire</mark> can	Gau Dash Indicators
backlight		(1.25m cal	ble)	
N(+)		(0.75m ca	ble)	
N(-)				•
HI indicator				
H(+)				
H(–)	Mounting screw of LEFT button	M ounting screw of RIGHT button		
Oil indicator	on left side	on right side		
O(+)				
O(-)				
Right indicator		Throttle ass	sembly	
R(+)				
R(-)				
Turn indicator	Clutch switch wires 🗍	Front brake		
Т(+)	(connect together if NO switch)	switch wires		
Т(-)				
Rear brake switch				
brake sw				
brake sw				
Neutral switch				
neutral sw				
Oil switch			Need assistance with "My wire colors"?	
oil sw			Email make, model, year of bike to techservice@nwtcycletronic.com	SWI



SECTION G



SECTION H

Finalizing system installation

- 1. Remove MAIN Power fuse.
- 2. Organize wires and cables.
- 3. Cut and shorten excess wiring.
- 4. Bundle, wrap or tape to protect wiring.
- 5. Turn steering head to the RIGHT while routing dash and handlebar cables.

This will ensure that you have the correct cable slack.

- 6. Secure bundle with zip ties.
- 7. Secure and tighten all nuts, bolts, screws, duct tape, twist wires and whatever the fuck else you used to mount your shit down.
- 8. Thoroughly inspect all connection points.
- 9. REPEAT Section G.

NUTCYCLETRONIC

FINALIZING

