

### Control

#### STANDARD SWITCH

#### **FEATURES**

Complete electrical control hub

Atmel 8-bit AVR® RISC-based microcontroller

Trench type MOSFET powered

Solid State design for water-proof and shock-proof operation

4 layer PCB design utilizing SMD components

PTC smart fuse protection with auto reset

Optimized for LED lighting

On board "fly-back" protection circuit

AC/DC voltage runaway engine shutdown protection

Enhanced engine power protection with quick blow fuse

Complete color-coded wiring harness

No start ignition coil time-out power off

Starter motor safety lock out with anti-grind

Starter motor max crank time out

Brake light flash pre-warning (Selectable)

Onboard digital flasher (Selectable)

Intelligent directional switching signal light

"PARK" position light feature (Brake light)

Master light control

Sensor inputs

Dash gauge outputs (Standard)

Soft start headlight ON

Engine run monitoring

Multi-use internally protected power output

Handlebar switch size (7/8",22mm)

1 year replacement warranty & tech service

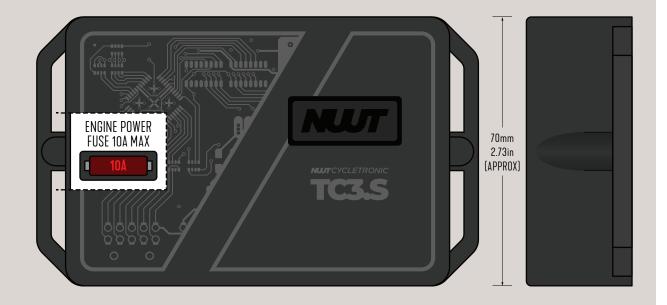
#### **INCLUDES**

TC3.S Control Hub

Plug in wiring harness (Power, Output, Input, Dash)

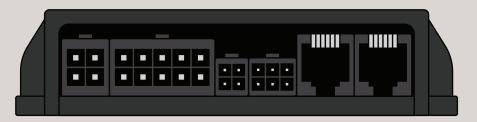
Plug&Go handlebar switch set (Standard/factory style)

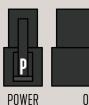
**GND** harness

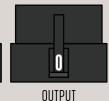


114mm / 4.45in (APPROX)

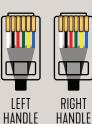
+ 28mm / 1.1in (APPROX) +











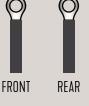
BAR

**SWITCH** 

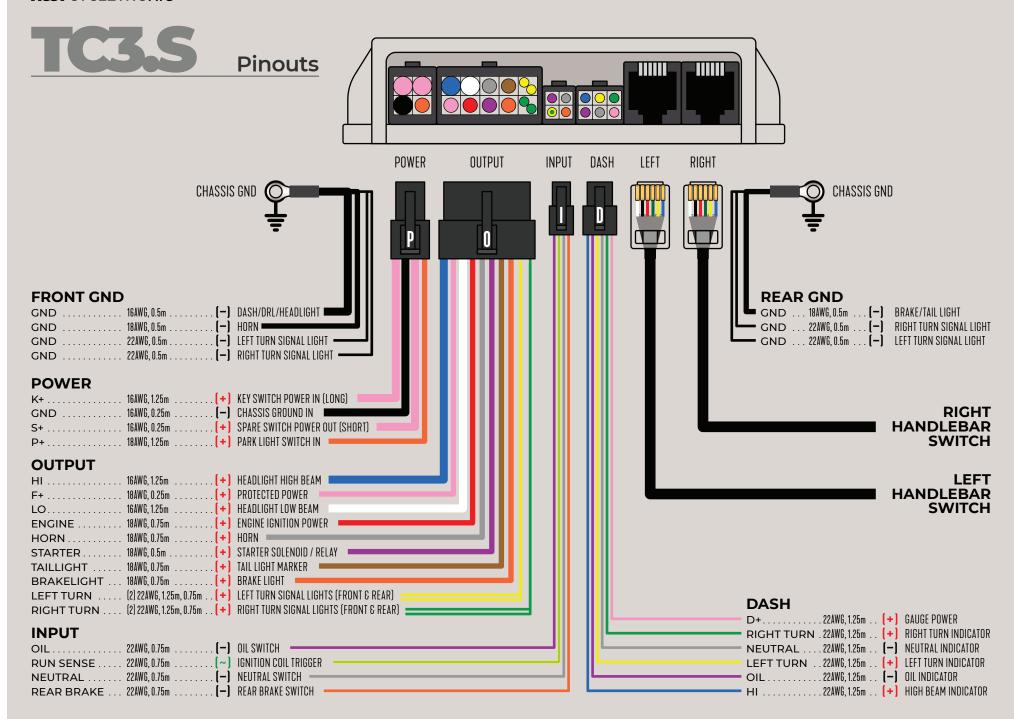
BAR

SWITCH





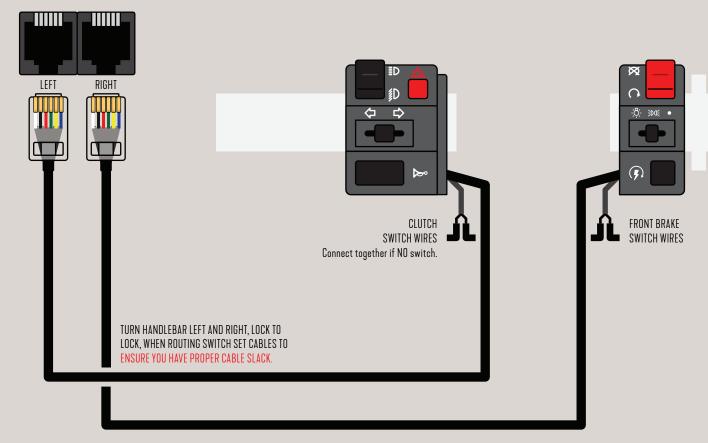
MAIN CHASSIS **GROUND STRAPS** 

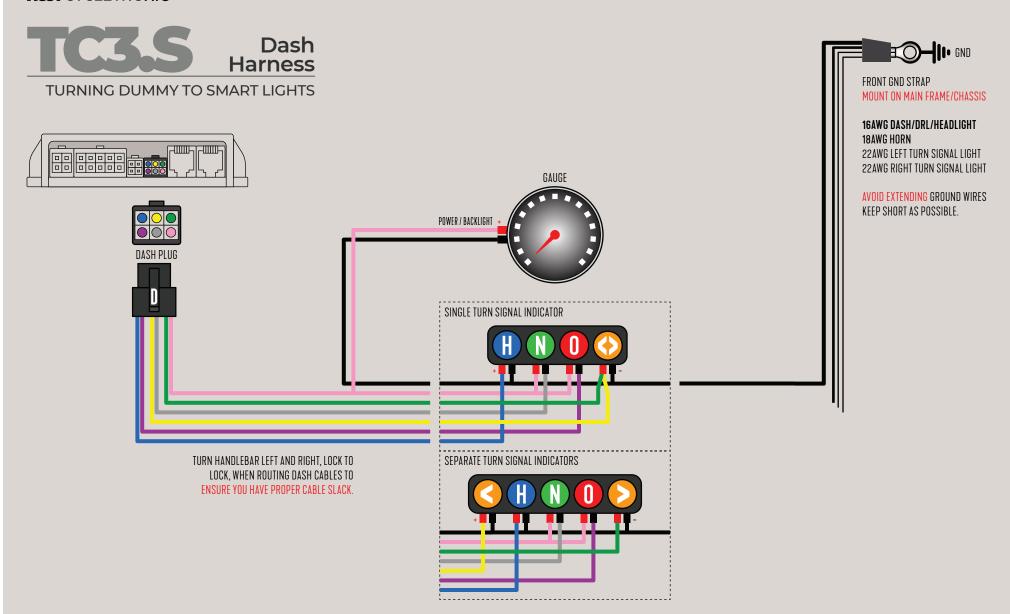


## TC3-S Switch Set

Plug&Go STANDARD/FACTORY TYPE

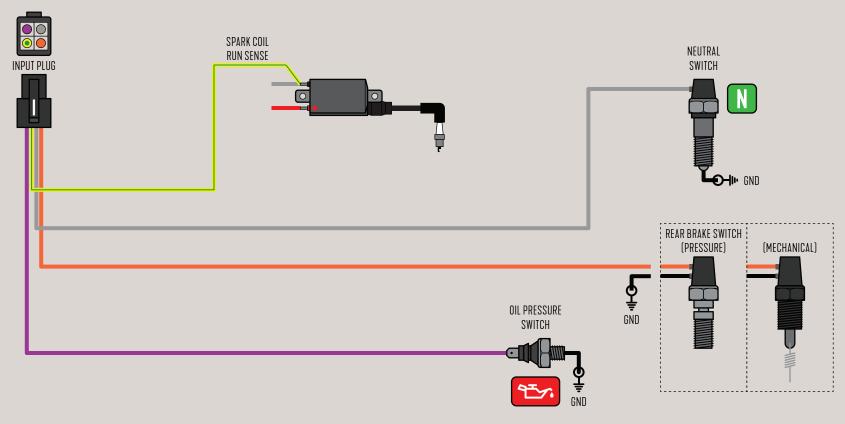






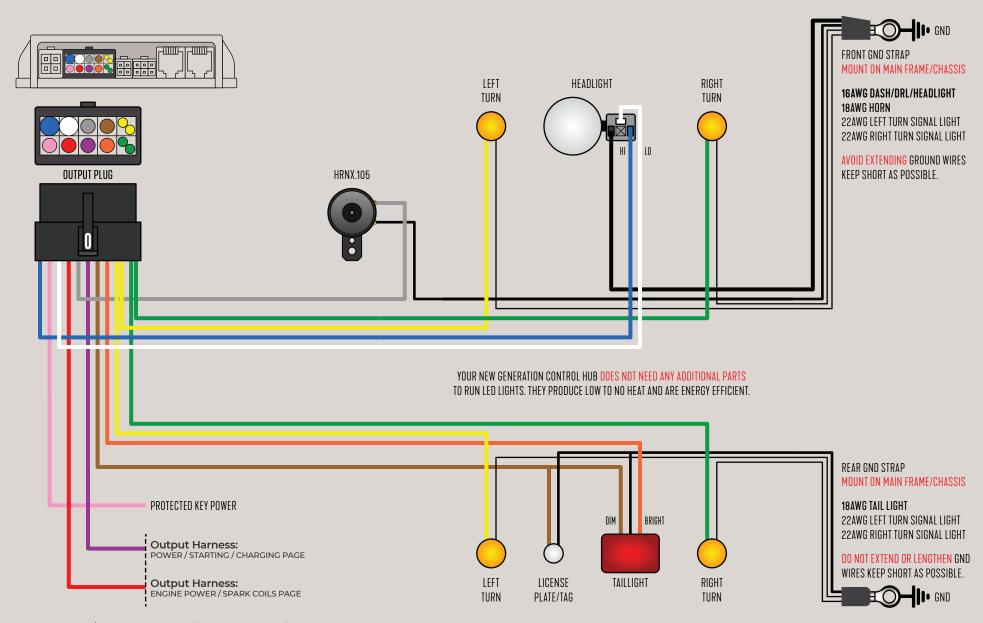
# Input Harness RUN SENSE/NEUTRAL/OIL/R-BRAKE





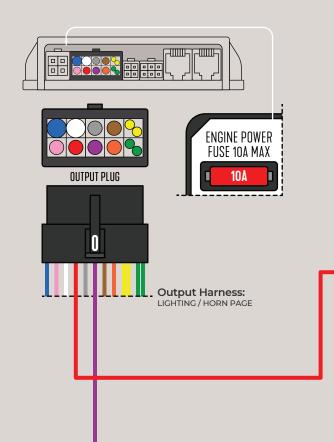
CHECK SWITCHES FOR PROPER FUNCTIONALITY CLEAN/REBUILD/REPLACE WHEN NECESSARY

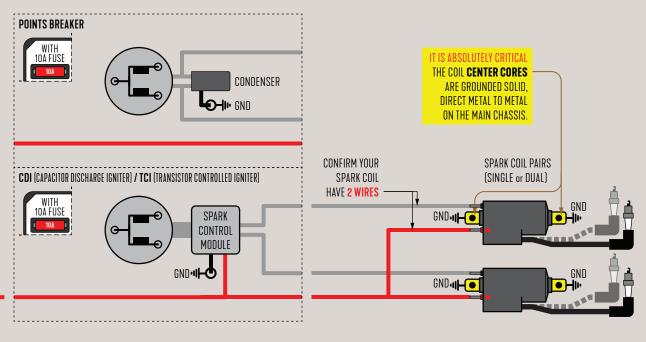




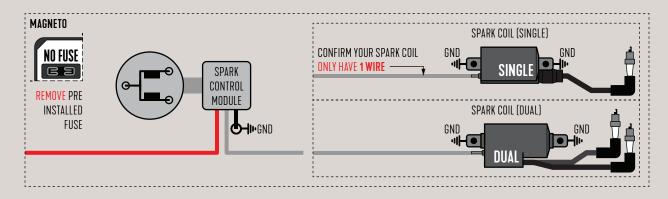


**ENGINE POWER / SPARK COILS** 





DO NOT ASSUME, CHECK!
INSPECT, CLEAN AND SECURE SPARK PLUG CAP.
HARD SPARK PLUG CABLES? INSPECT FOR BREAKS.
EVEN BRAND NEW PARTS CAN BE DEFECTIVE.



**Output Harness:** 

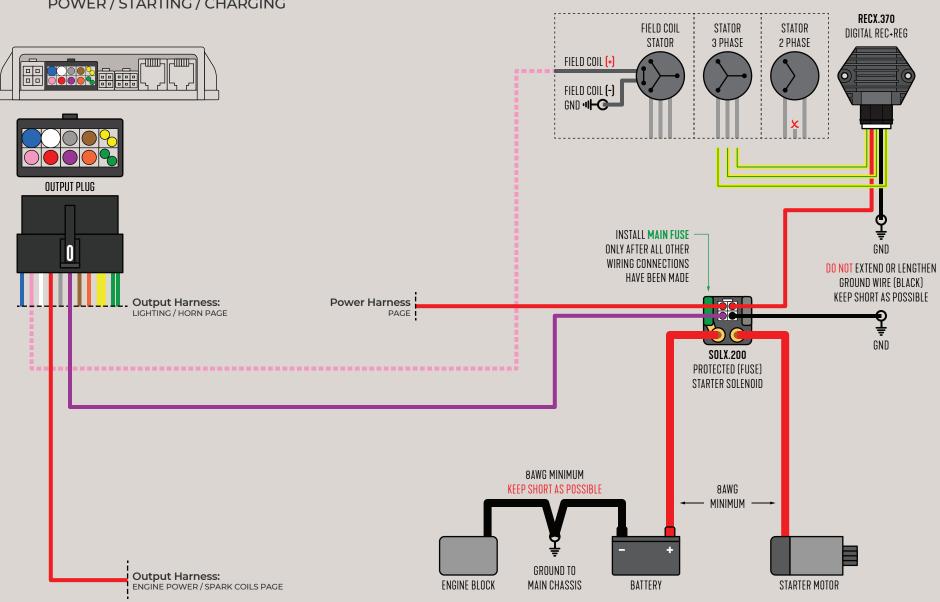
POWER / STARTING / CHARGING PAGE

## **Output** Harness

POWER / STARTING / CHARGING

#### MODERNIZE YOUR CHARGING SYSTEM

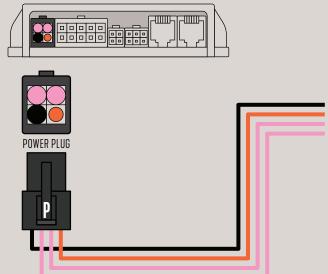
WITH A **DIGITAL TYPE** RECTIFIER+REGULATOR FOR SAFER AND MORE EFFICIENT CHARGING SOURCE

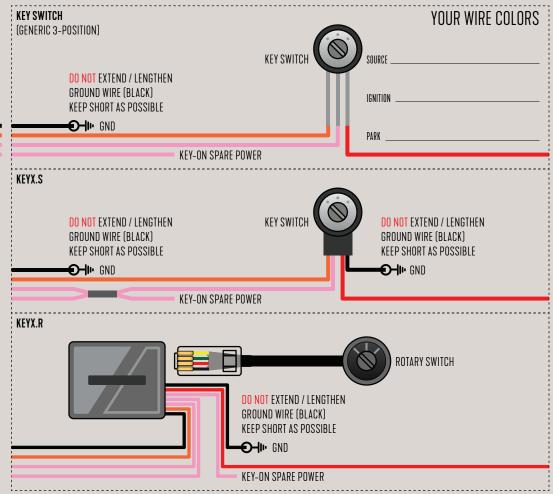




#### Power Harness

**KEY SWITCH** 





INSTALL MAIN FUSE ONLY AFTER ALL OTHER WIRING CONNECTIONS HAVE BEEN MADE

