Starter Switch

Introduction

The Starter Switch was developed to control the electric motors of the Valach engines with starter.

⚠ Attention: The starter is not intended to start an engine with bad adjustment or not willing to start when flipped over by hand. It is important to suck in enough fuel before starting, as described in the engine manual.

Technical Data:

Input Voltage: 12 to 21 Volt (up to 5 LiPo/LiIon cells)

Current: 50 Amps, Burst 100 Amps

Starting time: Automatically limited to 5 seconds per trial

Time between each trial 1 sec

Dimensions: 30 x 54 x 14 mm

Weight: 70 Gramm with wires

Electrical Connection

Connect the „Starter" marked wires with the electric motor of the starter. If you want to use a connector make sure it is sufficient for the expected currents.

Connect the „RX" marked input to the receiver. The signal range on this channel hat to be between 1-2 ms. Below 1,5 ms the Starter Switch is **off**, over 1,5 ms the Starter Switch is **on**.

Connect the starter battery with the „Accu" marked input.

The Starter Switch can be (if desired) connected with a 3 wired Y-cable to the ignition of the engine, from where it receives the engine speed information. The Starter Switch will then automatically disconnect the starter when the engine exceeds 1000 RPM. The Starter will also not start if the engine is still running.

The Starter Switch can be used without the connection to the ignition, but the full benefits of the Starter Switch are not fully utilized.

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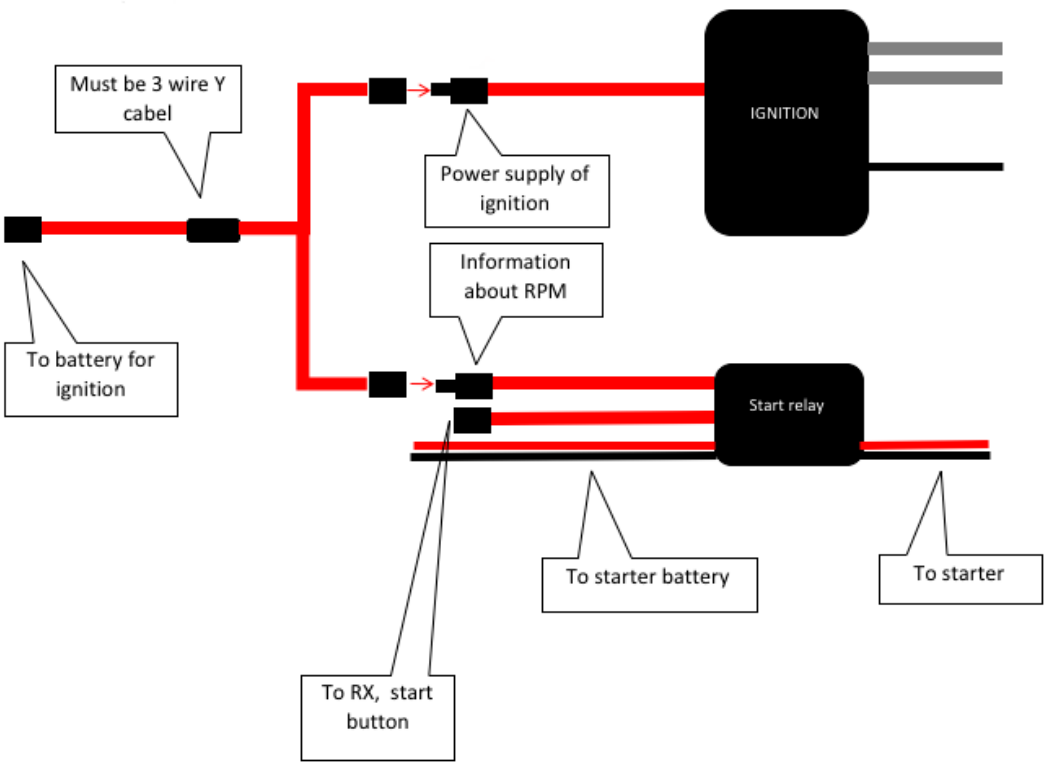

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