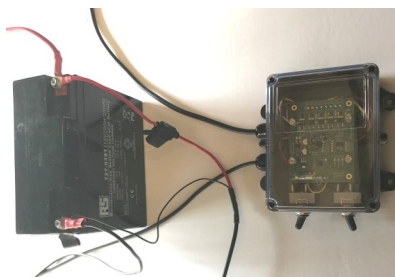


WARNING:

- The Lodar power cables **MUST** be connected directly to the battery and not any other power source.
- The Lodar is fused with a **5A** fuse and **MUST** be replaced with a **5A** fuse.
- The engine ignition key **MUST** be placed to the **OFF POSITION OR REMOVED** before operating the Lodar.
- The Transmitter and Receiver will both switch off after 30 minutes of inactivity.
- Mount the receiver as high as possible and avoid areas with high vibration and direct spray from wheels. If working in a hot environment, fit in a shaded position.
- Cable gland should face **DOWNWARDS**.

#	Function
1	Transmitter
2	Receiver
3	Lodar Loom
4	Lodar Power



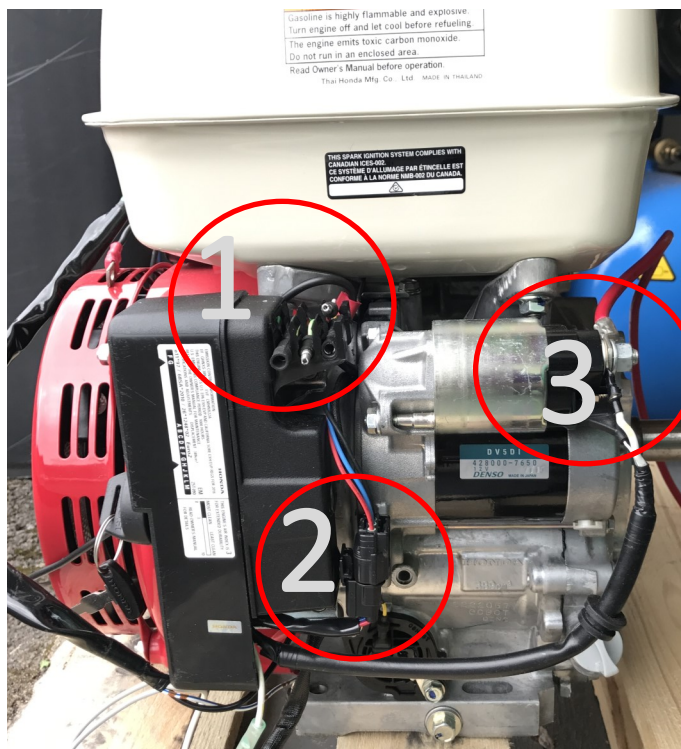
Lodar Power

Wire colour	Application
RED	12 Volts DC positive supply
BLACK	Zero Volts

Honda Loom

Wire colour	Application
RED	BLUE Ignition +
BLACK	WHITE Ignition -
GREEN	Solenoid +
YELLOW	SW2
BROWN	SGND

Honda Engine



#	Function
1	ECM interface
2	Ignition Loom
3	Solenoid

1



Before connecting the looms, ensure the switches are in the positions shown. This will ensure the Lodar is **OFF** and the engine is set to **LOW SPEED**.

3



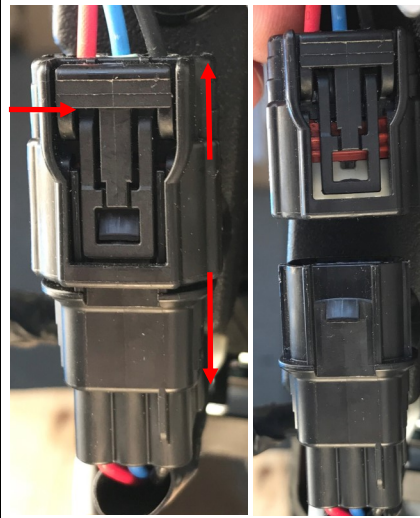
Connect the **MALE** side of the Lodar loom to the **FEMALE** connector on the Honda engine. It will only mate in one position.

4



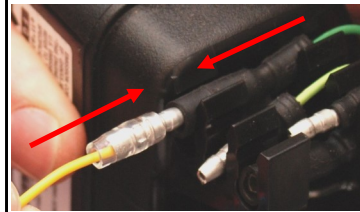
Connect the **FEMALE** side of the Lodar loom to the **MALE** connector on the Honda engine. It will only mate in one position.

2



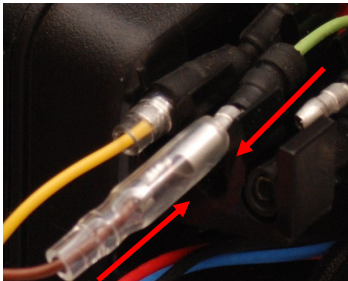
Locate the Honda Engine **IGNITION LOOM** and disconnect as shown. It is located behind the **KEY SWITCH**. This can be seen on **FUNCTION TWO** of the engine image on page 1. The arrows indicate that the clip has to be pushed in as the connector is pulled away from its mating point.

5



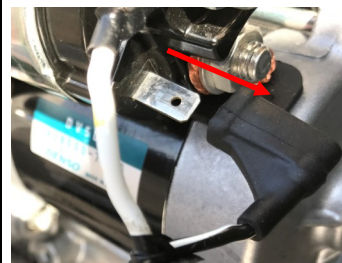
Mate the **YELLOW** cable from the Lodar loom to the **DARK GREEN GABLE (SW2)** on the Honda engine. This can be seen on **FUNCTION 1** in the engine photo on page one.

6



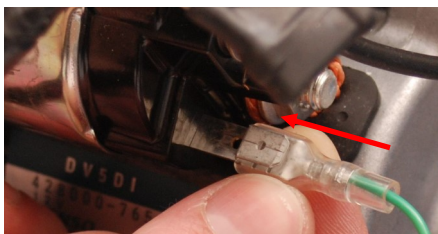
Connect the **BROWN** cable from the Lodar loom to the **LIGHT GREEN CABLE (SGND)** on the Honda engine.

7



Remove the **BLACK AND WHITE SOLENOID+** signal cable from the Honda engine. This can be found on **FUNCTION 3** with in the engine photo on page 1.

8



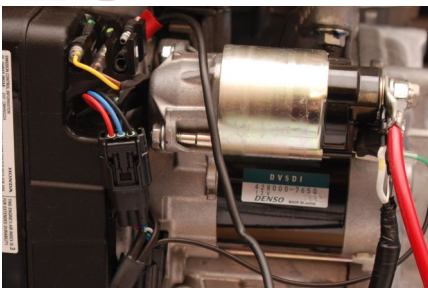
Attach the **GREEN CABLE** from the Honda loom to the solenoid on the Honda engine.

9



Connect the **BLACK AND WHITE SOLENOID+ CABLE** by piggy backing on to the **GREEN CABLE** from the Lodar loom. This will enable control via the ignition key switch.

10



ENGINE



Lodar

The Lodar and the engine can be connected to the battery as shown.

PLEASE ENSURE THE ENGINE IS ALSO CONNECTED TO THE SAME SUPPLY.

Secure the cables to the engine with the provided cable tie.