



Lodar

User Manual : Honda Engine Remote Start (Order/Spec Code: LS1676)

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**.
- Please refer to the **WIRING INSTRUCTIONS** before proceeding with this manual.
- Please make sure that the battery is fully charged before use.

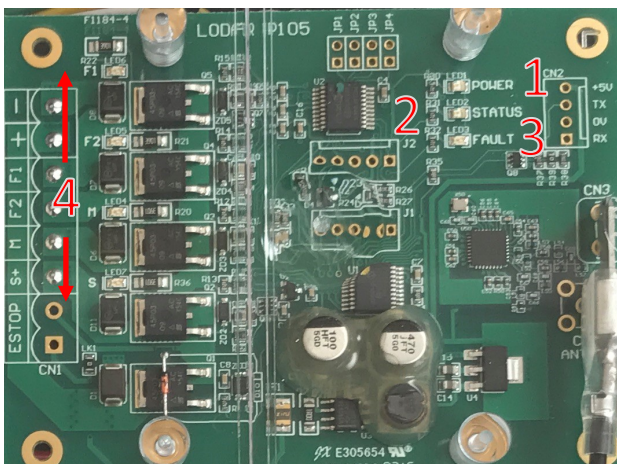
Transmitter



#	Function
1	STOP (OFF)
2	SET (ON)
3	F1 (CRANK)
4	F2 (HI LOW SPEED)

Transmitter replacement PN# : LS1676T

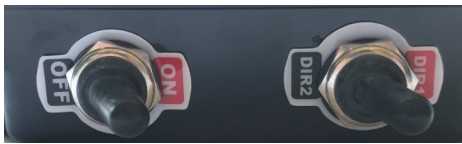
Receiver



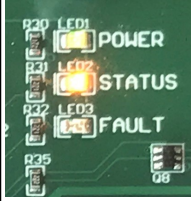
#	Function
1	RECEIVER POWER L.E.D
2	RECEIVER RADIO STATUS L.E.D
3	RECEIVER FAULT L.E.D
4	FUNCTION INTERFACE L.E.D.S
5	RECEIVER POWER
6	SPEED CONTROL

Receiver replacement PN# : LS1676R

1



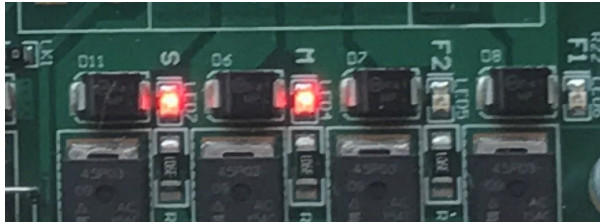
Reposition the switch's on the receiver as shown. The power light will illuminate and the status light will flash. This indicates that the receiver is ready to pair. To check if the transmitter is paired, press the stop button on the transmitter and the status light will appear solid on the receiver, regardless of its state. If the transmitter is not paired, please refer to the pairing document. If the Fault light is on, please check that the battery is fully charged. If the problem still persists, then contact your dealer. The DIR1 position places the Honda engine into **SLOW SPEED** in **MANUAL** mode and enables access to Lodar remote control. DIR2 will place the Honda engine into **HIGH SPEED** in **MANUAL** mode but disables Lodar remote control. **RADIO CONTROL IS ONLY AVAILABLE IN THE DIR1 POSITION.**



2



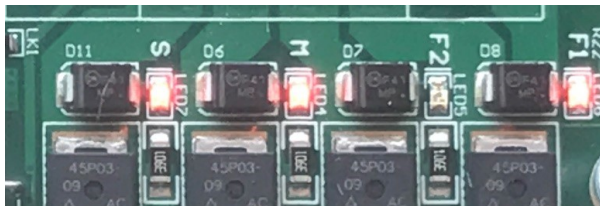
Upon pushing **SET (ON)** on the **TRANSMITTER**, the following lights will illuminate on the **RECEIVER** to indicate the ignition is on. A relay will simultaneously energise upon setting the receiver. If no sound is apparent, please contact your dealer. A safety feature has been placed on **SET** to prevent the user from reactivating the ignition while the engine is turning off. See '14' for more information.



3



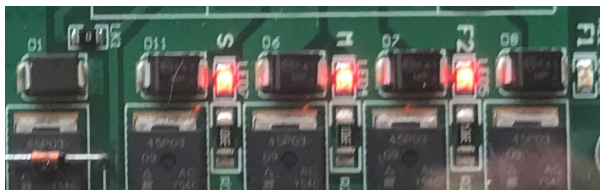
Once the ignition is on, and it is safe to do so, **F1 (CRANK)** can be pressed on the **TRANSMITTER** to crank the engine. The following lights will be illuminate on the **RECEIVER**. The **F1** light will only be visible during the button press as it is not a latching function. A safety measure has been placed on this stage to prevent the user from cranking while the engine is running. There is a **THREE** second cranking time out placed on **F1** which negates any further presses of **F1** until the **STOP (OFF)** button has been pressed.



4



The **F2 (HI LOW SPEED)** function will dictate the engine speed. A successful push will latch the function to **INCREASE** the engine speed and turn on the respective lights on the **RECEIVER**. A relay will energise at this point. If no sound is apparent upon pushing F2, then please contact your dealer. There is no time out requirements placed on this function which means the speed can be changed at any time during its operation. Note, the **RECEIVER** has to be placed into **DIR 1** to enable the Lodar to dictate the engine speed.



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The **STOP (OFF)** button on the **TRANSMITTER** can be pushed to turn off the engine, all the lights on the **RECEIVER**, except the power light, will turn off to indicate that the ignition has been deactivated. The engine will **NOT** turn off using the transmitter if the key is not set to the off position. The engine can not be restarted for a period of **THREE** seconds, this is a safety feature and **CAN NOT** be disabled.

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