# TRAC - PAC™

## Wireless Relay Accessory

# Instruction Booklet

v1.0

FAST LANE INNOVATIONS LLC

Thank you for purchasing the wireless relay accessory for the ***Trac-Pac™*** Shift Light. This guide is intended to help install and set up your wireless relay to work in tandem with the shift light. Once everyting is set up, the relay and shift light will work together without further intervention or need for the app. If you have any questions, feel free to ask for help by e-mailing:

**customerservice@fastlaneinnovations.com**

At Fast Lane Innovations, we're committed to providing innovative products to help you get the most out of your vehicle and driving, and strive to continuously improve these products.

**Please read and follow all instructions**. Failure to do so can void the warranty, cause damage to the device, damage your vehicle or other property, and/or result in personal injury.
This device is intended only for use in motor vehicles.

## Safety and Precautions

Disconnect your negative battery cable prior to beginning.

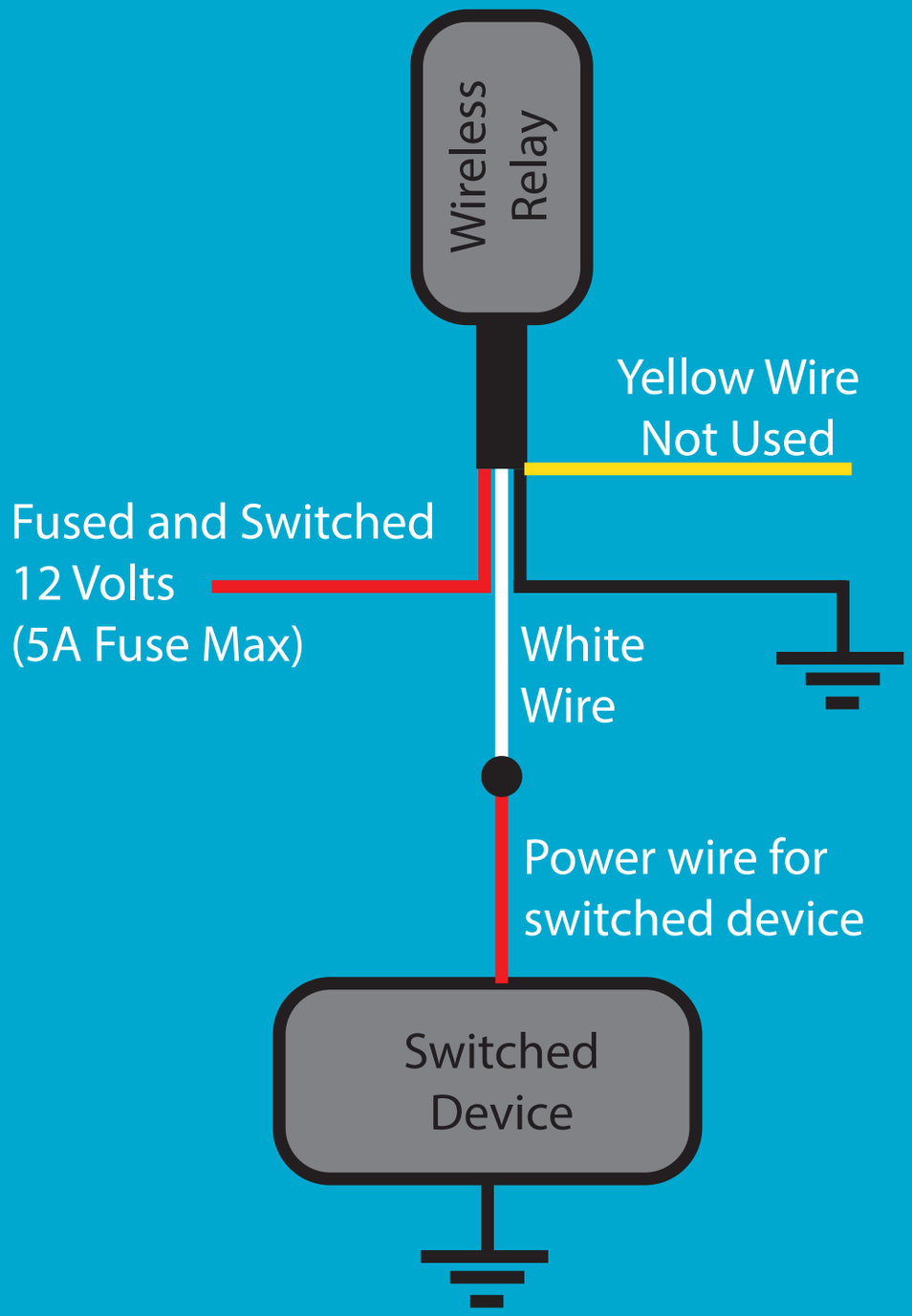
Double-check all connections prior to turning on power to the unit.

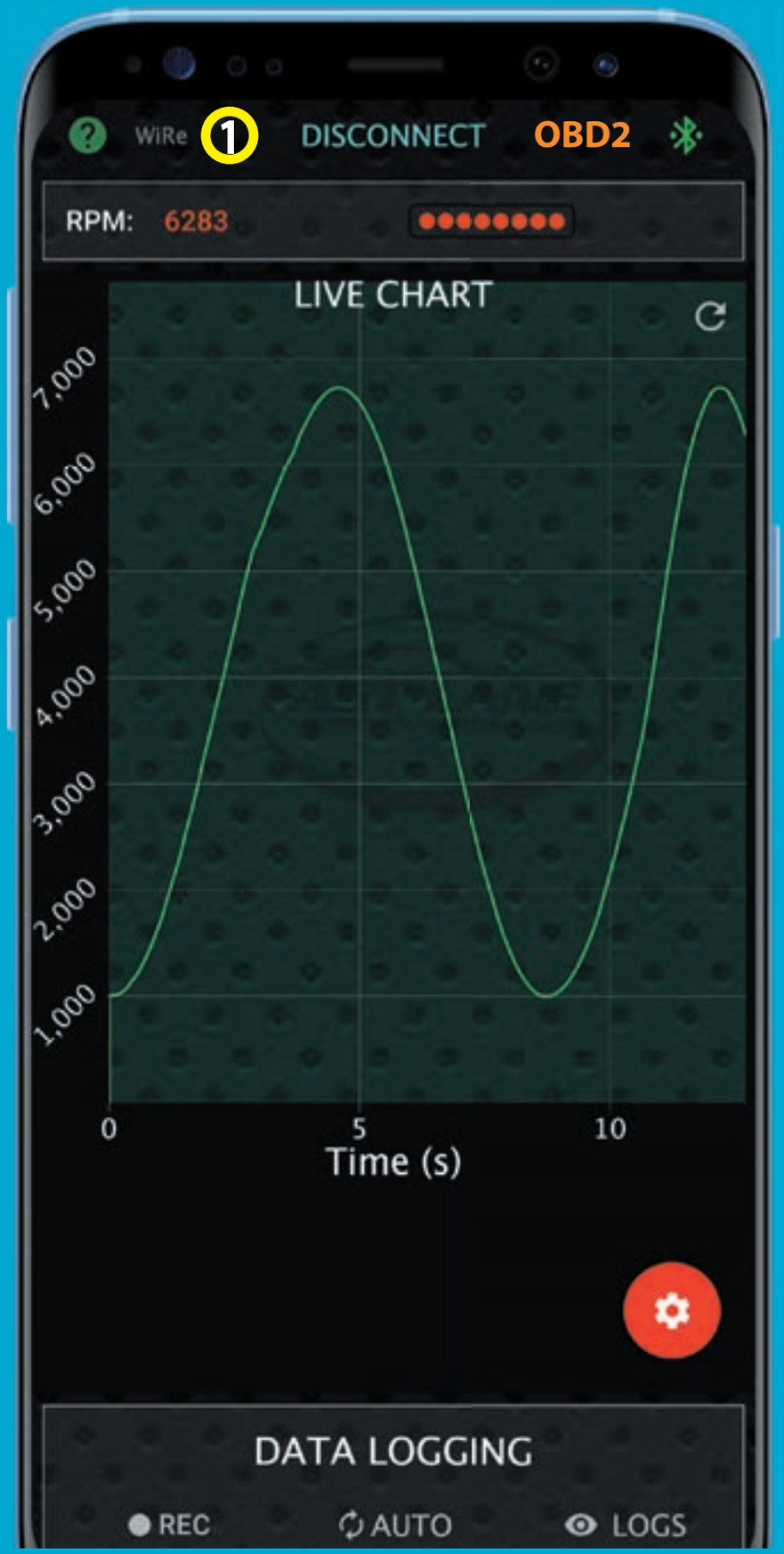
**CAUTION** - Wear safety glasses while installing the unit.

**NOTICE** - A 5 Amp fuse is recommended on the connection to switched 12V source to prevent damage or fire in case of a short or malfunction – install close to power source. Using a switched source will eliminate battery drain, but is not required. The relay module should draw <30mA current when the contacts are not energized.

**WARNING** - When setting the RPM switch settings, the relay may be turned on or off unexpectedly. It's best to disconnect the device the relay controls when changing the settings - or at least ensure that if the relay turns on or off unexpectedly that no damage or harm can be caused.

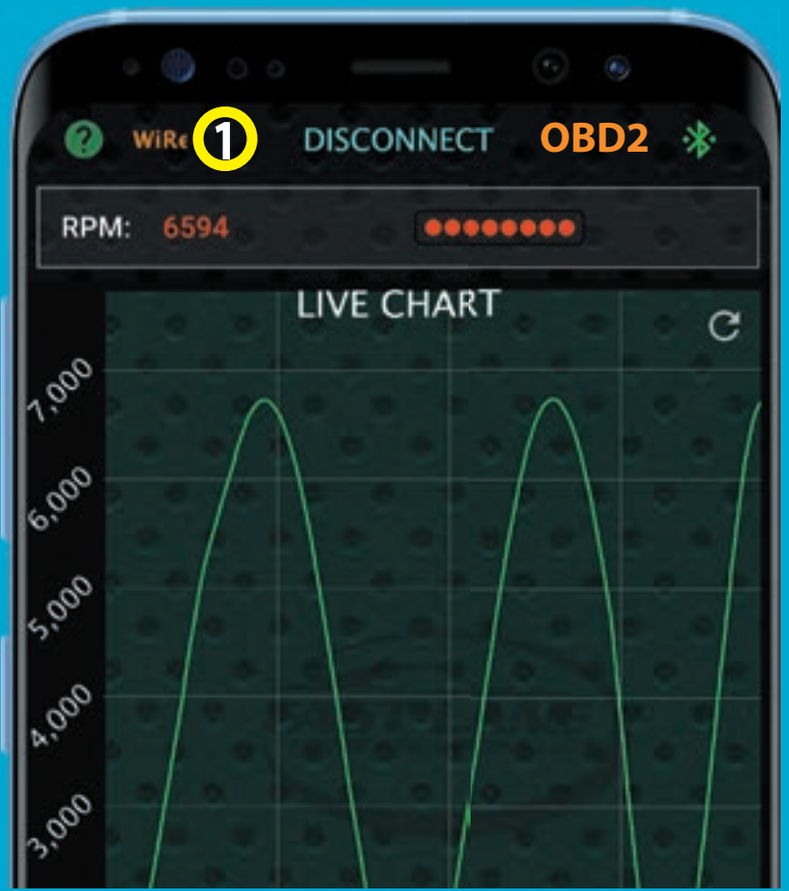
# WIRING DIAGRAM






# MAIN SCREEN STATUS

1 "WiRe" Indicator shows wireless relay status
- Connect to shift light to set up
- No indicator means the relay is not connected to the shift light
- Grey means relay is connected but not on
- Orange means connected and relay is now on

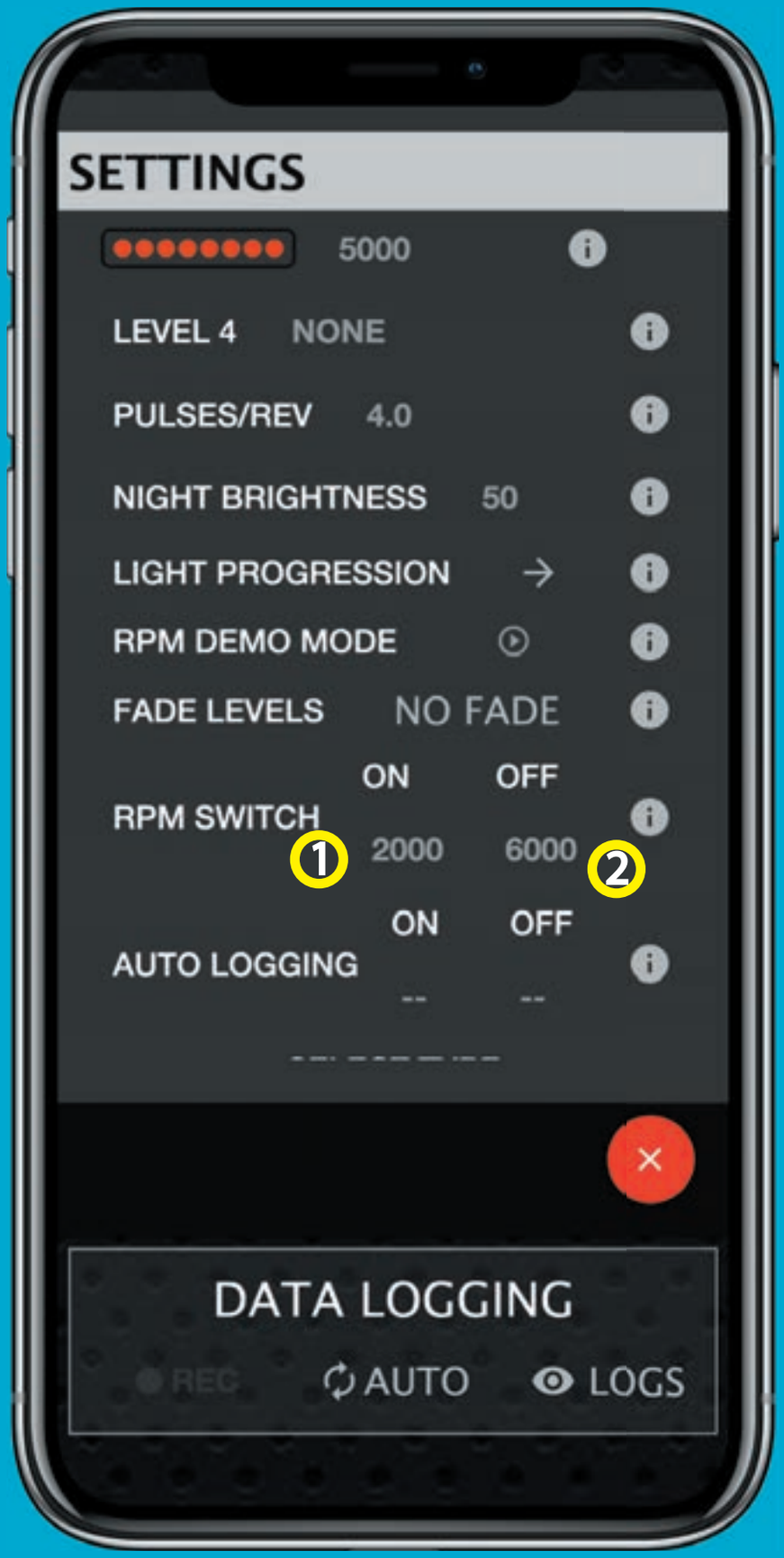


## SET UP THE ON/OFF POINTS

① The RPM to turn on the relay

② The RPM to turn off the relay

Press the "i" on the right for more information about how the relay will behave based on the ON and OFF settings (e.g. what happens if OFF is lower than ON).



## GENERAL SPECIFICATIONS

| | |
|---|---|
| Nominal input voltage | 12V |
| Maximum input voltage | 16V |
| Output voltage | Same as input |
| Maximum sustained load current (@ 70C air temperature) | 3A |
| Recommended fuse | 5A max* |
| Operating temperature range | -40 to 70C (non-condensing) |
| Approximate response time | 120ms** |

* Ensure that the circuit providing power to this device can supply at least 5A

** Some time for the shift light to obtain and transmit data is required. The timing will vary depending on the vehicle and OBD2 module (if used). The wireless relay should not be used in applications where timing is critical due to this and in case of communication loss. If using a tach signal, the response time will be slightly less.

## OTHER INFORMATION

If communication is lost between the shift light and the wireless relay, the relay will turn off after a brief time (approximately 2 seconds). Reconnection will be attempted and then normal operation will resume if connnection is successful.

# FCC Notice

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

* Reorient or relocate the receiving antenna.
* Increase the separation between the equipment and receiver.
* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
* Consult the dealer or an experienced radio/TV technician for help.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

**This device contains FCC ID: HSW2832**
**This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:**
**(1) This device may not cause harmful interference and**
**(2) This device must accept any interference received, including interference that may cause undesired operation.**