

Standalone Direct Wire Shift Light

555-41810

Black Billet Aluminum with Red LEDs

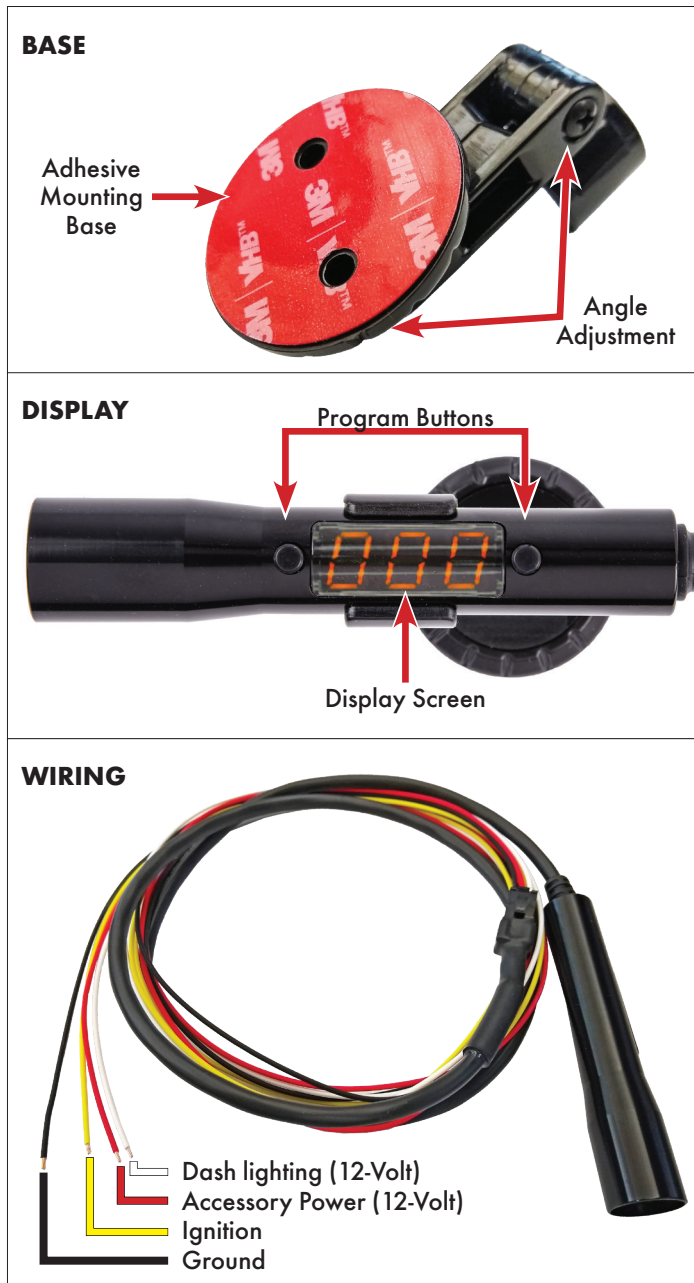


JEGS.com

1-800-345-4545

Introduction

We would like to take this opportunity to thank you for purchasing this JEGS Standalone Direct Wire Shift Light. We welcome any comments or feedback you might have. If you have any questions about this product or about the installation procedure, please feel free to contact us at 1.800.345.4545.



Installation

1. Disconnect the Negative (-) battery terminal.
2. Connect wiring according to the wiring diagram.
 - Yellow ignition wire connections options
 - IGNITION COIL
 - The yellow wires connects to the negative side of the coil.
 - 4 Cylinder: 2 Pulse Per Rev
 - 6 Cylinder: 3 Pulse Per Rev
 - 8 Cylinder: 4 Pulse Per Rev
 - 10 Cylinder: 5 Pulse Per Rev
 - 12 Cylinder: 6 Pulse Per Rev
 - COIL PACK:
 - The yellow wire connects to the following options. (Varies by vehicle)
 - Negative side of the coil
 - Coil control wire
 - Coil trigger wire
 - 1 Pulse Per Rev is a good starting point
 - COIL-ON PLUG/FUEL INJECTOR
 - The yellow wire connects to the following options. (Varies by vehicle)
 - Negative side of the coil
 - Coil control wire
 - Coil trigger wire
 - 1/2 Pulse Per Rev is a good starting point
 - AFTERMARKET IGNITION/TACH OUTPUT
 - The yellow wires connects to the tachometer output terminal.
 - 4 Cylinder: 2 Pulse Per Rev
 - 6 Cylinder: 3 Pulse Per Rev
 - 8 Cylinder: 4 Pulse Per Rev
 - 10 Cylinder: 5 Pulse Per Rev
 - 12 Cylinder: 6 Pulse Per Rev
3. Locate shift light for easy viewing and accessibility.
 - The base is secured with double-sided tape. Choose a solid mounting surface.
 - Note that the programming buttons are used to recall peak RPM.
 - Mount the shift light so that access to the programming buttons is possible after installation.
4. Reconnect the Negative (-) battery terminal.

Operation

This shift light is equipped with an easy to use LED menu. The LED display will also display your engine RPM while the car is running.



ACCESSING THE MENU

1. Turn on power to the shift light by turning on the red wire's keyed 12-volt source. You will see the LED display light up and show three 0s.
2. To access the menus follow this procedure:
 - Quick press - Enters menu mode
 - Quick press - Toggles through menu
 - Press and hold for 2 seconds - Selects menu



PULSES PER REV MENU

Start by setting up your pulses per rev (PPr). Once this is finished, the shift light is ready for use. There are two ways to accomplish this; either by setting a PPr count (.5-6), or by selecting the Program Mode (Pr9). The Pr9 mode lets you dial the shift light to match your know engine RPM. This is useful if you don't know your PPr count or where the value is different than .5-6 PPr count values.

1. Enter the PPr menu by pressing and holding the programming button for two seconds.
2. Toggle through the available PPr options while in the PPr Menu.
 - PPr Options: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0
3. At the desired PPr setting, let the shift light time out for five seconds to save the PPr setting. Program mode (Pr9) is explained in the next section.



PROGRAM MODE (Pr9)

Program mode (Pr9) will let you dial in the RPM on the LED display to match your engine RPM. You can use this option instead of the PPr for applications where the value is different than .5-6 PPr or you don't know the exact value. This lets you dial in the shift light to match the engine RPM.

1. Start the engine and power up the shift light.
2. Press and hold the program button for 2 seconds to select the PPr menu.
3. Bypass all available PPr settings by toggling to the last option (Pr9) and hold the program button for 2 seconds.
4. You will see 1.00 (1,000 RPM) displayed on the screen. Toggle the buttons up and down to have the LED readout match your engine RPM.
 - This must be done with the engine running.
5. Once the LED readout matches the engine RPM, let the shift light time out for 5 seconds to save the settings. The LED will blink two times when it saves the setting.



SET SHIFT POINT MENU

1. Press and hold the program button for 2 seconds to select the Shift Point menu.
2. Use the buttons to toggle the RPM up or down to the desired shift point.
 - When setting a shift point <9,999 RPM, the shift point can be selected in 10 RPM increments. (8.53=8,530)
3. When you have reached the desired shift point, let the shift light time out. The LED will blink two times when it saves the setting.

Operation

PEA

RECALL PEAK

1. Press and hold either program button for 2 seconds to select Peak Recall.
2. Peak will be displayed for as long as you hold the button and also for 5 seconds after you release it.
3. Clearing the maximum peak RPM.
 - With the peak RPM showing, release the program button. After releasing the button press and release the program button again within 5 seconds.
4. When recalling peak RPM $< 9,999$ RPM it will be displayed in a 3 digit format.
 - Example: 8,530 RPM = 8.53