

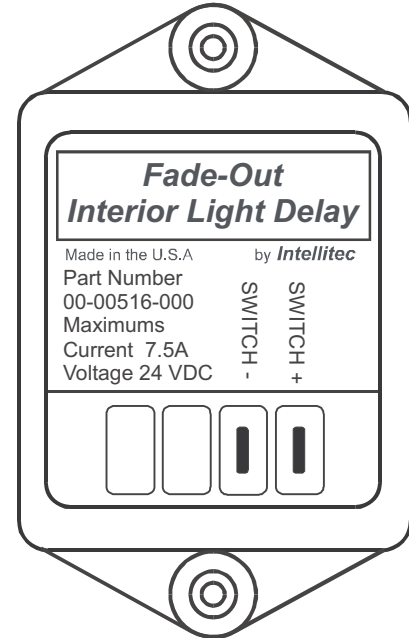
# Fade-Out Interior Light Delay

**Intellitec introduces a simple to use Interior Light Delay with "Fade-out" for use in conversion vehicles.**

The **Fade-Out Interior Light Delay™** is a simple addition that can be easily installed on any vehicle equipped with an interior light that is operated by door pin switches. It only requires two wires to be connected and derives its power from the light circuit. It typically will be used to power the interior lights of the vehicle.

When wired across the normal door pin switches, it provides five seconds of full light after the doors are closed, and then the lights fade out over the next two seconds. This allows the occupants of the vehicle time to fasten their seat belts and to get settled before the lights go out.

The module will carry up to 7.5 Amps of lighting load.



 **Intellitec**  
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P/N 53-00516-000 Rev. B 032619

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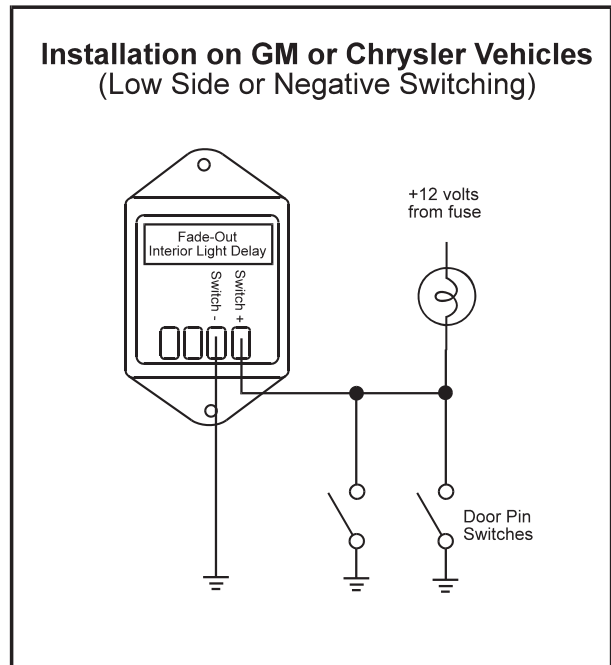
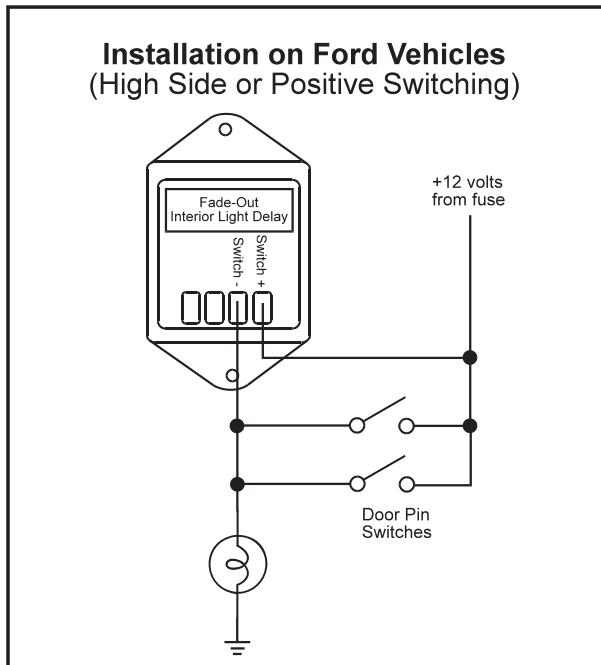
## How Does It Work?

The **Fade-Out Interior Light Delay™** is an electronic dimmer that uses "pulse width modulation" to control the voltage on the lights. When the power is first supplied to the module (i.e. when the light switch is turned off), the dimmer applies full power to the lights. Full power will be maintained for approximately five seconds. After five seconds, the dimmer will begin fading the lights, reducing the brightness to *OFF*, over a two second period. To reset the circuitry, the power to the module must be removed by opening the door, turning on the light switch, or turning off the power to the light circuit.

## Specifications:

Part Number:	00-00516-000
Current Carrying Capacity:	7.5 Amps Max.
Operating Current: (Not including lamps)	Less than 2 milliamps
Ambient Temperature Range:	-40C to +85C
Normal Input Voltage Range:	10 to 28 volts
Short Term Over Voltage Protection To:	+26 volts
Reverse Voltage Protection To:	- 300 volts
Positive Voltage Spike Protected To:	+150 volts
Operating Environment:	Indoor Protected

## System Connections:



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