

Category: Sunroof

Document Number: PI083BC

Date: 10/22/2012

Description: **Wiring of the DEI 528T Pulse Time Relay (Webasto Part 5010536)**

Overview

Thank you for choosing Webasto as your source for all your aftermarket sunroof needs. This document was created to help guide you through the installation and operation of your DEI 528T Pulse Timed Relay.



Purpose / Usage

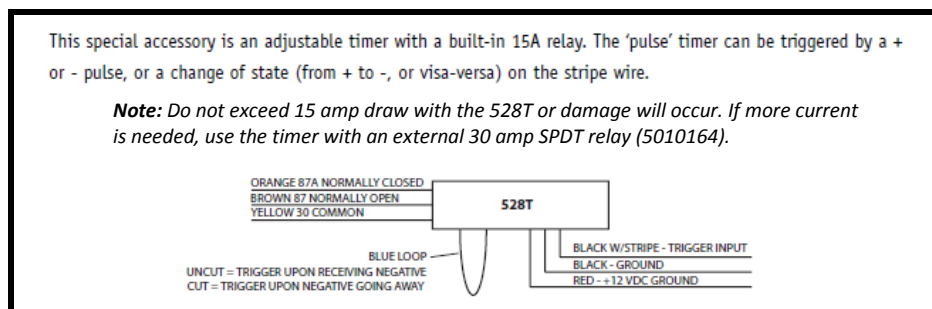
In certain vehicles it is difficult to find an acceptable delayed accessory circuit to tie into when installing the SolAire 5300 sunroof. This Relay will help overcome the following issues:

- Installing the SolAire 5300 in a vehicle that has no delayed accessory functionality.
- Installing the SolAire 5300 in a vehicle that has no usable delayed accessory circuit (inconsistent voltage, back-feed condition on circuit, circuit overload, etc...).
- Overcoming certain functional issues (loss of function over time, loss of roof memory / position, stuck switch lockout, etc...) which may occur when installing the SolAire 5300 in certain vehicle makes (Hyundai, Kia, Honda, etc...).

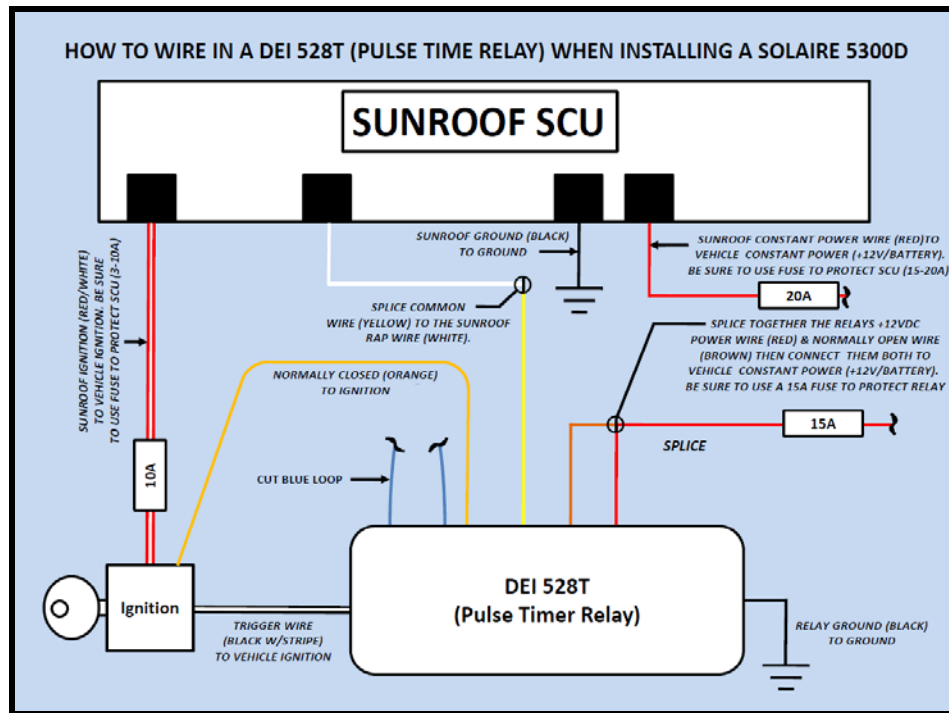
The remainder of this document contains information regarding the following:

- Diagram of the DEI 528T Pulse Time Relay.
- Reference wiring diagram for the Pulse Time Relay into most vehicles.
- Adjusting the time delay function on the Pulse Time Relay.

Diagram of the DEI 528T Pulse Time Relay



Reference wiring diagram for the Pulse Time Relay into most vehicles

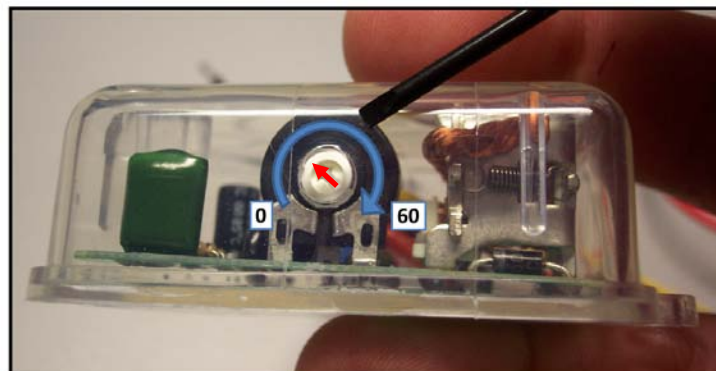


Note:

This diagram is for reference only and is meant to assist in the installation of the Pulse Time Relay into most vehicles. Depending on the particular application the actual wiring may change and the use of additional SBDT relays may be required (see Pulse Time Relay diagram for more detail).

Adjusting the time delay on the Pulse Time Relay

The time delay function on the Pulse Time Relay is adjustable from 0 to 60 seconds. Webasto recommends that you set the delay time between 10 & 15 seconds (this allows the sunroof enough time to close before turning off power). With the adjustment wheel access hole facing you, use a small flathead screwdriver to position the top of the arrow on adjustment wheel so that it is positioned roughly 1/3 the way open (see diagram below):



Please take a moment to review this document in its entirety prior to installing your Pulse Time Relay. If you find this document does not adequately explain the installation and/or usage of the Pulse Time Relay, please contact our technical support team at: (800) 860-7866 or via email at: Info-us@webasto.com.