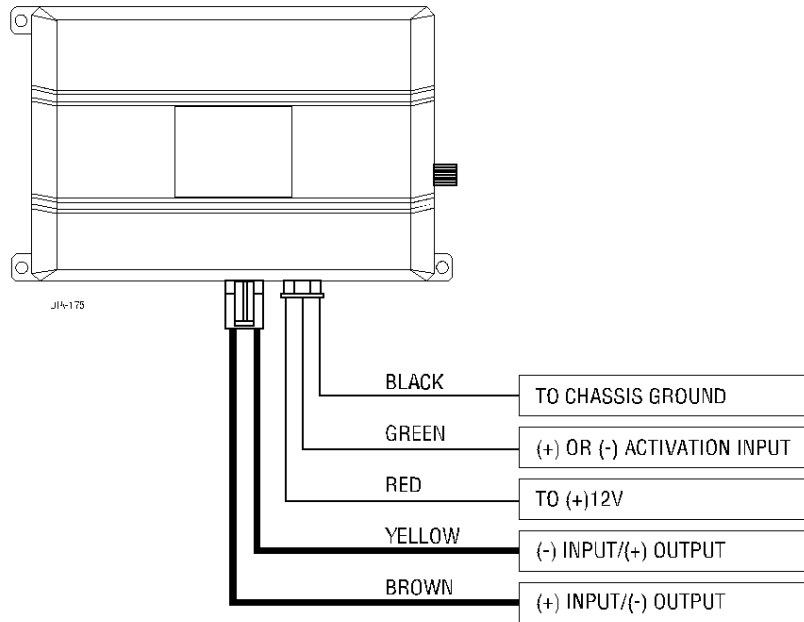




# 611T Timed/Latched Relay

## WIRING DIAGRAM



## HARNESS 1, 3-PIN CONNECTOR

**BLACK** (-) chassis ground input: Connect this wire to a paint free surface on the vehicle chassis.

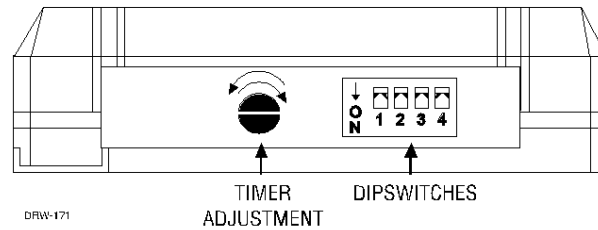
**GREEN** (-/+) activation input: The GREEN input wire activates the 611T. When input is received on this wire the 611T output will pulse on for the desired amount of time. If the 611T is programmed for latched output then input on this wire will latch the device on until an input is received on the GREEN wire again.

**RED** (+) 12V constant power input: Connect this wire to a fused source of constant (+) 12V.

## HARNESS 2, 2-PIN CONNECTOR (HIGH CURRENT SWITCH OUTPUT)

**BROWN** (+) input/(-) output and **YELLOW** (-) input/(+) output: If a (+) output is desired, connect the BROWN wire to (+) 12V. The YELLOW wire will then output (+) 12V when the 611T is activated. If a (-) output is desired, connect the YELLOW wire to chassis ground. The BROWN wire will then output (-) signal when the 611T is activated.

## DIPSWITCHES



SWITCH	FUNCTION	ON	OFF
1	Timer control	<b>1 - 100 seconds</b>	0 - 1 second
2	Switch contacts	Normally closed	<b>Normally Open</b>
3	Operation	Timed	<b>Latched</b>
4	Input polarity	<b>(-) input</b>	(+) input

**Bold type indicates default settings.**

**SWITCH 1:** Timer control. Switch 1 is only used in the timed mode (Switch 3 must be ON). When Switch 1 is in the ON position the timer adjustment will adjust the timing from 1 to 100 seconds. When Switch 1 is in the OFF position the timer adjustment will adjust the timing from 0 milliseconds to 1 second.

**SWITCH 2:** Switch contacts. When the 611T is NOT active, in the ON (normally closed) setting, the output wires (BROWN and YELLOW) will be a closed circuit and open when the 611T is activated. In the OFF (normally open) setting, the output wires will be an open circuit until the 611T is activated.

**SWITCH 3:** Operation. When the switch is ON, the 611T will be active for a certain amount of time when input is received on the GREEN, depending on the setting of Switch 1 and the timer adjustment. The 611T will stay on for the programmed time or until another input is received on the GREEN wire. In the OFF position the 611T will latch on until another input is received on the GREEN wire.

**SWITCH 4:** Input polarity. When Switch 4 is in the OFF position, the GREEN input will need a positive pulse to trigger the unit. When Switch 4 is in the ON position, the GREEN input will need a negative input, pulsed or latched, to trigger the unit. The unit will activate on the leading edge of a (-) input or the trailing edge of a (+) input.

## TIMER ADJUSTMENT

The timed output of the 611T can be adjusted using the timer adjustment on the control module. The output must be programmed for a TIMED output in order for the timer adjustment to operate (Switch 3 must be on). The timing can be chosen with Switch 1.

- To increase the time: Turn the timer adjustment clockwise.
- To decrease the time: Turn the timer adjustment counterclockwise.