



Users Manual
for the
Impala, Caprice and Eclipse

Users Operation Manual

Start out by setting the speed and duration controls to their approximate center positions, then make small adjustments while allowing the turn signals to cycle a couple times before readjusting.

Adjusting the speed – The speed control changes the delay time between the bulb illuminations, for instance: bulb #1 turns on, delay, bulb #2 turns on, delay, bulb #3 turns on. The speed control adjusts the delay time, CW rotation increases the speed by decreasing the delay time and CCW rotation decreases the speed by increasing the delay time. The range of the speed control adjusts from extremely slow to way too fast and only changes at the beginning of a new cycle, therefore again I suggest you make small changes and watch for your desired effect.

Adjusting the duration – The duration control adjusts how long each bulb stay illuminated. For instance: bulb #1 turns on, delay, bulb #1 turns off. The duration control adjusts this delay time, CW rotation decreases the delay time and CCW increases the delay time. The bulb delay times can overlap, for instance: bulb #1 turns on, delay, bulb #2 turns on, delay, bulb #1 turns off, delay, bulb #2 turns off, etc. The range of the duration control is large, and you are able to adjust the duration from the bulbs barely illuminating to the bulbs never quite going out.

Switch Settings

Note: switch settings can be mixed, but some may produce undesired effects.

Switch #1 - UP - allows speed and duration controls to affect the turn signals.
DOWN – speed and duration are read from your stored settings.

Switch #2 – UP – all 3 brake lights per side.
DOWN – factory look brake light operation.

Switch #3 – UP position – normal sequential signals.
DOWN position - explode out effect.

Switch #4 – UP position – sequential signals.
DOWN position – factory look turn signals 2 lights per side.

Switch #5 – UP position – factory hazards signal operation.
Note: Eclipse normal hazards are controlled from the Motion Signals control box and are speed adjustable, Impala relies on factory hazard flasher module and are not adjustable.

DOWN position – special show-off/hazards mode.
Note: See special show/hazard mode

Switch #6 – UP position – normal mode (leave in this position).
DOWN position – used for storing your personal setting.

Special show/hazard mode – This mode was created for a little fun, can be used at car shows, auto-cross or road rally events. It alternates the front turn signals and does a few different interesting things to the tail lights. Please do not use this feature when traveling on public roads. Follow these steps:

- 1) Install the supplied jumper in place of the hazards flasher (Impala only).
- 2) Set switch #5 to the down position.
- 3) Your ignition must be on (Impala only).
- 4) Turn on your hazards.

The speed control operates normally, duration control has no effect. Your pre-programmed speed and duration setting are not used in this mode. There are currently three selectable patterns using switches #2 and #3.

<u>Pattern Type</u>	<u>Switch #2</u>	<u>Switch #3</u>
Wig-Wag	up	up
Dual Chaser	down	up
Ping Pong	down	down

Switch #2 must be down when switch #3 is down.
Applying your brakes will not affect the show mode.
Your brake lights will work normally when hazards are switched off.

Storing your personal setting – to store your speed and duration settings follow these steps:

- 1) Switch #1 and 6 must be in the up position.
- 2) Switch #2 thru 5 any position.
- 3) Turn your ignition on.
- 4) Turn on your left or right turn signal.
- 5) Adjust the speed and duration to your liking.
- 6) Without bumping controls flip switch #6 down.
- 7) Your turn signal should stop working indicating that the operation was successful.
- 8) Turn off your turn signals.
- 9) Flip switch #6 to the up position.
- 10) Flip switch #1 to the down position (reads stored settings).
- 11) Turn on your turn signal, test if operation was successful by operating the speed and duration controls they should have no effect.

Returning to factory operation Impala / Caprice – To return your vehicle to factory operation follow these steps:

- 1) Turn off ignition.
- 2) Unplug the 2 red wires where the turn signal flasher was.
- 3) Reinstall the factory turn signal flasher.
- 4) Disconnect the 2 white connectors under the steering column that were part of the turn signal installation process.
- 5) Connect together the 2 white connectors under the steering column that are connected to the factory harness.
- 6) In the trunk unplug the 2 black rubber connectors located next to the sequential signal controller.
- 7) Install the 2 test plugs into the 2 connectors that are attached to the factory harness (test plugs supplied in premium kit only).

Returning to factory operation Eclipse – To return your vehicle to factory operation follow these steps:

- 1) Turn ignition off.
- 2) Remove top center dash vent trim panel
- 3) Unplug Motion Signals signal module from factory plug.
- 4) Plug factory connector back into factory flasher controller module.
- 5) Reinstall top center dash vent trim panel.
- 6) In the trunk unplug the 2 black rubber connectors located next to the sequential signal controller.
- 7) Install the 2 test plugs into the 2 connectors that are attached to the factory harness (test plugs supplied in premium kit only).