

Model 8000 Instructions

1. Overhead units mount using two hose clamps to clamp switch section to roll bar. Dash units mount with Velcro system supplied.
2. Using 4 screws supplied mount the relay board.
3. Plug red marked cable from switch panel connector into relay board connector. Use a small bead of silicone at the junction of the connector plugs to prevent any loosening due to vibration. Follow color coding, color markings on wire should be directly over markings on switch and relay board. The blue connector on the switch panel is for an optional underhood keypad (model 4000F8).
4. Switch #1 is intended for starter, switch #2 is [ignition](#)/master
5. Label switches (first peel off protective plastic film from the overlay).
6. Relay board numbers match switch unit numbers. Connect the output leads on the relay board to the corresponding functions. Use white labels on relays to match switch labels.
7. Connect the large black cable to battery +.
8. If the relay board is not mounted to a grounded surface, plug a grounded wire onto the ¼" push on terminal marked "gnd." on the relay board. Switch unit does not require any ground or battery connections.
9. The relay board has a jumper to select 12V or 16V operation. It comes installed in the 12V position. For 16V operation move jumper to 16V position.

Set up and use

There are two programming dipswitch banks at the #1 switch end of the unit. On the left bank, any switch you desire to be momentary put into the up/off position.

On the right bank any switch you wish to turn off with the master switch (#2) put into the up/off position. All programming switch numbers match the numbers on the front panel switches.

Move the programming switches up or down with a small tip such as a ballpoint pen. When finished stick black plastic cover patch over cutout.

Troubleshooting

1. It is possible to plug the ribbon cable into the relay board off center. If it is not plugged in correctly the switch panel will light dimly or not at all and will not function correctly.
2. The ribbon cable must plug into the switch panel with the cable entering from the rear of the switch panel. If it is reversed, switch 1 will not light up and 2-8 will light red but will not work. When the cable is installed correctly the two red markers will be lined up.
3. If the relay board does not have a good ground the switch panel will function intermittently or not at all. It is best to run a dedicated ground wire to the ¼" male push on terminal located on the relay board.
4. Do not use a battery charger as a power supply to "bench test" the unit. Battery chargers are not meant to be power supplies. They output a pulsing DC which will make the relays buzz and could damage the switch panel.
5. On some cars with 16V batteries, switches may shut off when cranking. This is due to the low cranking amperage of 16v batteries causing the voltage to drop and unlatching the relays. Moving the heavy black power cable directly to the battery often solves this. If this is not possible or does not solve the issue a diode is available from us that will increase the voltage to the relays during cranking, preventing the switches from turning off due to low cranking voltage.

