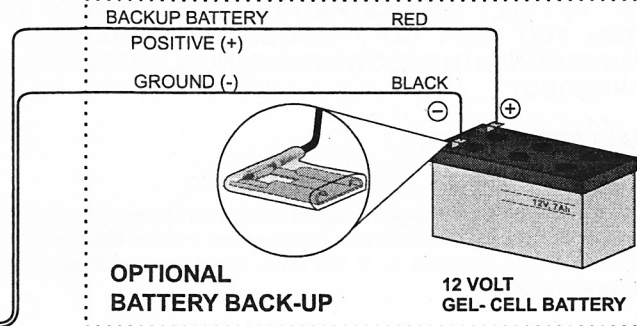
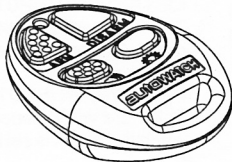


NOTE:
WIRE HARNESS INTO THE CARAVAN PRIOR TO PLUGGING CONTROL MODULE IN



OPTIONAL BATTERY BACK-UP

12 VOLT GEL-CELL BATTERY

THE IDEAL LOCATION TO MOUNT THE SIREN WOULD BE IN THE CARAVAN'S FLOORBOARD. A SIREN EXTENSION LOOM IS AVAILABLE. CONTACT YOUR DEALER FOR MORE INFORMATION. PFK Part. Number 650-451



NOTE:
IF THE LIGHT SWITCH FOR THE DOOR LIGHT SWITCHES POSITIVE, CONNECT THE DOOR LIGHT POLARITY WIRE TO +12 VOLTS. IF THE LIGHT SWITCH FOR THE DOOR LIGHT SWITCHES NEGATIVE, CONNECT THE DOOR LIGHT POLARITY WIRE TO GROUND.

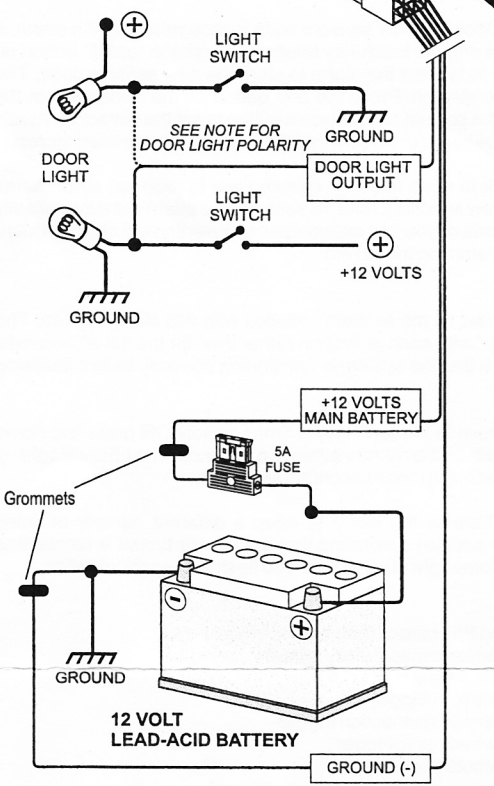
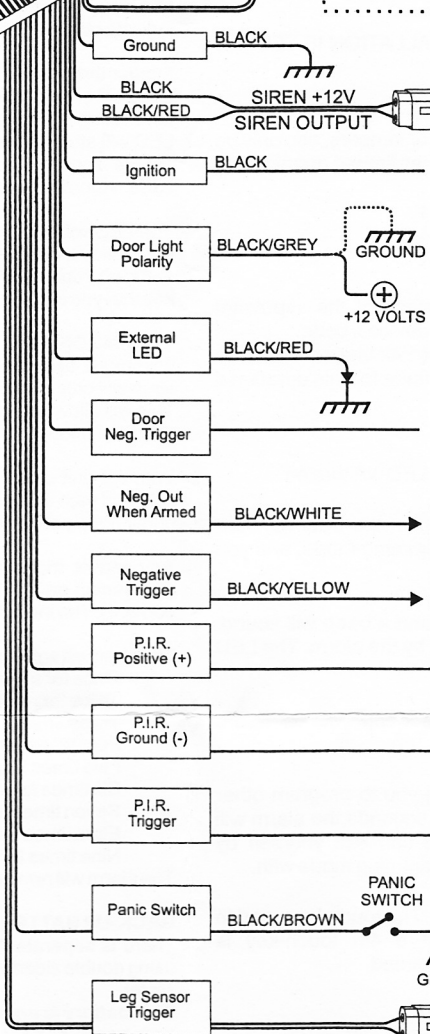
THIS WIRE PROVIDES A NEGATIVE TRIGGER FOR OPTIONAL DOOR/WINDOW SWITCHES.

THE NEG. OUT WHEN ARMED SUPPLIES A NEGATIVE WHEN THE ALARM IS ARMED AND THE NEGATIVE TRIGGER SUPPLIES A NEGATIVE WHEN THE SIREN IS TRIGGERED. THESE OUTPUTS CAN BE USED TO CONNECT THE ALARM TO A GSM/PAGER MODULE. (CONTACT YOUR DEALER FOR FURTHER INFORMATION)

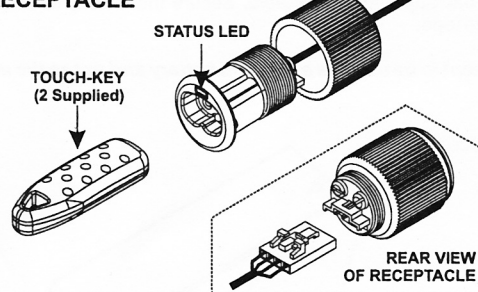
THESE WIRES PROVIDE AN INTERFACE TO AN OPTIONAL HARD-WIRED PIR SENSOR. CONNECT THE POSITIVE, GROUND AND TRIGGER CONTACTS ON THE PIR TO THE PIR(+), PIR(-) AND PIR TRIGGER WIRES FROM THE ALARM.

NEGATIVE TRIGGER FOR A HARD-WIRED 'PANIC' BUTTON

NEGATIVE TRIGGER FOR A HARD-WIRED LEG SENSOR (CONTACT YOUR DEALER FOR FURTHER INFORMATION)



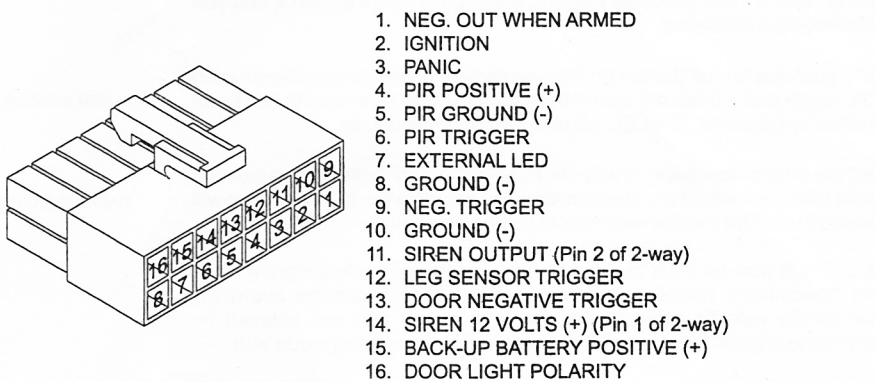
TOUCH-KEY AND RECEPTACLE



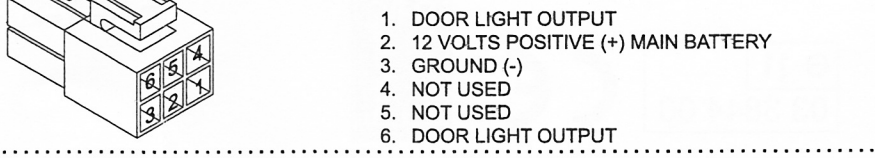
MOUNTING THE RECEPTACLE

- 1.0 Select a flat surface that will accommodate the Touch-key receptacle. Ensure that the selected position is accessible from behind the panel to enable the fitting of the plastic nut.
- 2.0 Place the drilling template onto the chosen position and drill the three holes to 3mm.
- 3.0 Enlarge the middle hole to 15.5mm and remove the template.
- 4.0 Plug the cable into the rear of the receptacle.
- 5.0 Push the cable through the hole and insert the body of the receptacle into the hole.
- 6.0 Feed the nut over the wire and screw it onto the receptacle. Ensure that the two locating flanges on the receptacle are located in the corresponding holes and hand-tighten the nut.
- 7.0 Feed the loose end of the cable to the alarm module and plug it into the 4-way connector at the bottom of the unit.

REAR VIEW OF 16-WAY HARNESS PLUG INTO MAIN UNIT (for reference)



REAR VIEW OF 6-WAY HARNESS PLUG (for reference)



NOTE : TO FULLY UNDERSTAND THE OPERATION OF THIS SYSTEM YOU MUST GO THROUGH THIS DOCUMENT IN CONJUNCTION WITH THE OWNERS MANUAL SUPPLIED WITH THIS PRODUCT.

INSTALLATION NOTES:

MOUNTING

The metal enclosure containing the control module and back-up battery must be mounted onto a solid surface with the provided screws. Ensure that the position the unit is mounted in, is not open to the possibility of damage through water leakage.

WIRING

DO NOT REMOVE WIRE LABELS UNTIL THE INSTALLATION IS TESTED AND WORKING CORRECTLY.

PROGRAMMING

Programming any additional touch-keys, transmitters or sensors, can only be done with an existing touch-key. You may program these limited quantities of each of the following devices:

Remote Control Transmitters	4
Touch-keys	4
Sensors (PIR, Leg, Door or Window Sensors)	12

Attempting to program any of these devices in excess of the stipulated quantities given will result in the overwriting of the first device's code. Note that PIR will not transmit within 20 seconds of the last trigger in order to conserve battery power. Ensure that you make allowance for this duration if you pass the PIR to enter program mode.

PROGRAMMING/LEARNING NEW TOUCH-KEYS

Disarm the alarm and insert the touch-key and the red LED will turn on.

Keep the touch-key inserted for 5 seconds, after which the LED will start flashing rapidly. This indicates that you are in programming mode, and you can remove the touch-key.

Briefly insert the new touch-key to be programmed and a beep will sound, indicating that the new touch-key, has been identified by the alarm. The LED will now turn on continuously.

Insert the original touch-key briefly and a double beep will be heard confirming that the new touch-key has been learned.

The LED will now go back to rapid flashing, allowing you to program other items (touch-keys, transmitters or sensors). After 15 seconds the alarm will automatically exit the "programming" mode or you can exit yourself by inserting the original touch-key that you entered programming mode with.

A maximum of 3 new touch-keys can be programmed. The touch-key used to enter programming mode is never overwritten. If a 4th touch-key is programmed it will overwrite the 1st touch-key programmed.

PROGRAMMING TRANSMITTERS

Disarm the alarm and insert the touch-key and the red LED will turn on.

Keep the touch-key inserted for 5 seconds, after which the LED will start flashing rapidly. This indicates that you are in programming mode, and you can remove the touch-key.

Briefly push the "on/off" button on the new remote control to be programmed by the alarm and a beep will sound indicating that the new remote has been identified by the alarm. The LED will now turn on continuously.

Insert the original touch-key briefly OR push the "on/off" button on an existing remote briefly to instruct the alarm to learn the new remote. A double beep will be heard to confirm that the new remote has been learnt.

The LED will now go back to rapid flashing, allowing you to program other items (touch-keys, remotes or sensors). After 15 seconds the alarm will automatically exit the "programming" mode or you can exit yourself by inserting the original touch-key that you entered programming mode with.

SENSORS

LEG SENSOR INPUT

This hard wired sensor, will not trigger the alarm when the alarm is set in the "Away" mode. (Refer to Owner's Manual)

PIR SENSOR INPUT

This hard wired sensor, which can be isolated, and if so, will not trigger the alarm when the alarm is set in the "Home" mode. (Refer to Owner's Manual)

PROGRAMMING NEW SENSORS

In addition to the hard wired sensors, up to 12 R.F. Sensors can be programmed into the alarm system which can comprise of PIR, leg, window or door sensors.

Disarm the alarm and insert the touch-key and the red LED will turn on. Keep the touch-key inserted for 5 seconds, after which the LED will start flashing rapidly. This indicates that you are in programming mode, and you can remove the touch-key.

Trigger the new sensor. Once the new sensors code is recognised by the alarm, a beep will sound. Insert the original touch-key briefly OR push the "on/off" button on an existing remote briefly to instruct the alarm to store the new sensors code. The LED will stop flashing and stay on. Press the arm button on the remote to set the "Home" zone isolation of the sensor, or the disarm button to set the sensor to "Away" zone. A double beep will be heard to confirm that the new sensor has been stored.

The LED will now go back to rapid flashing, allowing you to program other items (touch-keys, remotes or new sensors). After 15 seconds the alarm will automatically exit the "programming" mode or you can exit yourself by inserting the original touch-key that you entered programming mode with.

TEST MODE

Test mode allows you to test all the sensors installed with this alarm system. The siren will only briefly "beep" with each activation rather than for the full 30 seconds. This will allow you to check that the system is functioning correctly before finalising the installation.

With the unit disarmed, push in the touchkey 3 times rapidly OR press the dome light and then the arm button on the remote within two seconds. The LED will light up continuously and the unit will chirp once to confirm test mode.

Any sensor triggered will cause the alarm to beep a different number of times (depending on the trigger source) confirming that the sensor tested is functioning correctly. The indicators/dome light (if wired) will also flash with each activation.

The siren will softly chirp:

- Once for a hardwired PIR sensor (home zone trigger)
- Twice for a hardwired leg sensor (away zone trigger)
- Three times for a door trigger
- Four times for a brake light trigger
- Five times for a battery disconnection trigger
- Six times for a hardwired panic trigger
- Seven times for a remote panic trigger
- Eight times for a wireless sensor (home zone trigger)
- Nine times for a wireless sensor (away zone trigger)

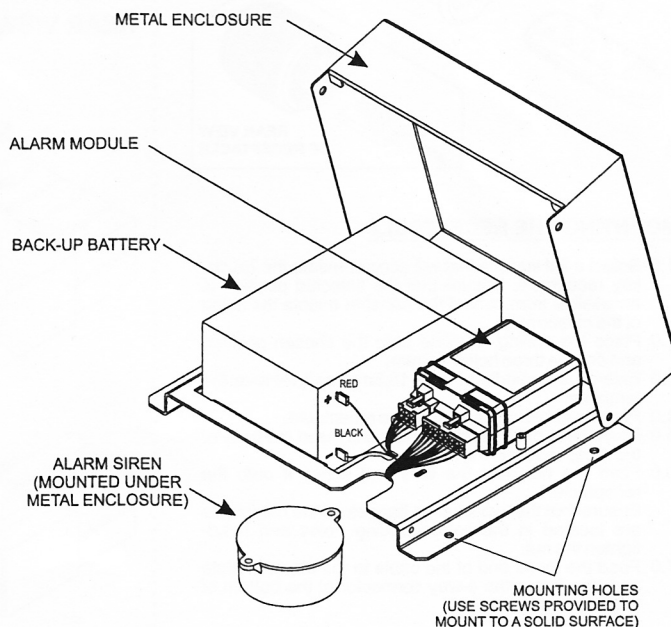
The alarm will remain in this mode until disarmed.

BACK-UP BATTERY

There is separate 7Ah back-up battery available. Secure the battery to the floor using double sided velcro tape.

Note:

This battery is only meant to be used as a back-up battery and not as the units sole power supply.



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