

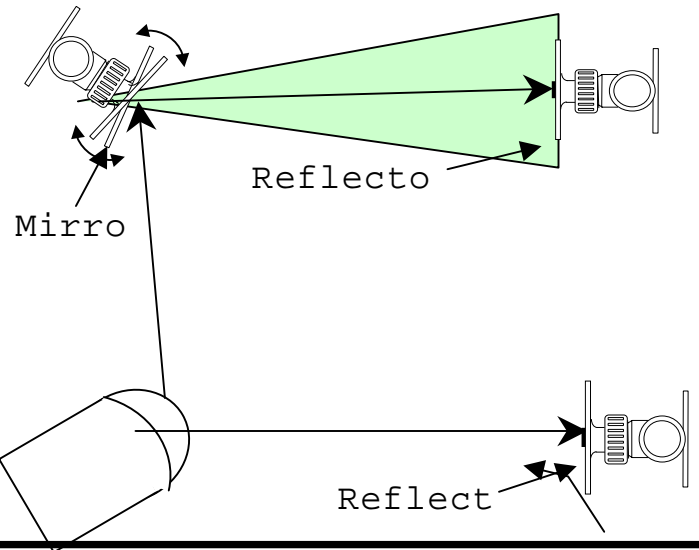
8B

IF MIRRORS WERE INSTALLED...

If Mirrors were installed in either or both Beam Paths, those mirrors must be adjusted to "bounce" the laser beam onward to a Reflector.



1. Refer to pages 15 - 19 for installation details on adding the Swivel Mount for the Reflector. The mounting may be a Mounting Post in a Mounting Base or directly into a hole in the ground; or by attaching a Swivel Mount
2. After completing the installation of the final Reflectors, the Mirrors must be adjusted to cause the Laser Spot to appear in the center of the Reflector. Be gentle - a small movement of the Mirror will cause the laser beam to swing over a wide arc.



9 TIME FOR A QUICK SURVEY OF THE SYSTEM

At this point the Transceiver and any wall mounted Swivel Mounts have been permanently mounted and all of the Mirror/Reflector Mounting Posts have been temporarily installed. A Laser Spot should be visible in the approximate center of each Mirror and Reflector in the system.

Now is a good time to pause in the installation process to look for any potential problem areas in the system. Try to visualize the changes that might take place in the future – will some plants grow to interfere with the beam path? Will an unnoticed door or gate open into the beam path? Will excessive single stream garden or lawn sprinklers interfere with the system?



If all is well, it is time to complete the installation...

10 COMPLETING THE INSTALLATION



1. If desired, the Mounting Posts may be cut to remove some of the excess.

It is recommended that at least 12 inches (.30 meter) be left above the beam path to allow for future adjustment.

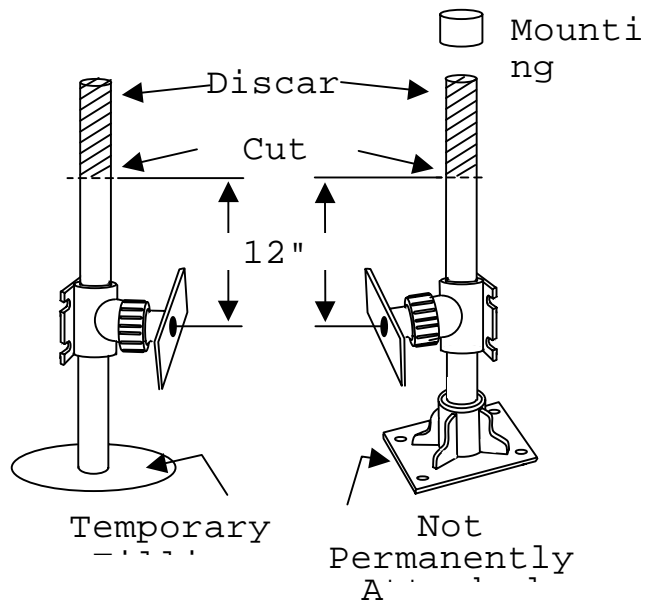
The Posts are easily cut with a hacksaw or fine-toothed wood saw.



2. Install a Mounting Post Cap onto the top of each Mounting Post to cover the cut edge and to prevent water from collecting in the Post.



3. Realign each Post-mounted Mirror or Reflector so that the Laser Spot is in the approximate center of each Mirror or Reflector.



COMPLETING THE INSTALLATION OF EACH MOUNTING POST

NOTE: START AT THE FIRST POST IN EACH BEAM PATH AND WORK OUTWARD TOWARD THE REFLECTOR. WORK ON ONE MOUNTING POST AT A TIME, REALIGNING THE LASER DOT ON EACH MIRROR OR REFLECTOR BEFORE MOVING ON TO THE NEXT POST.



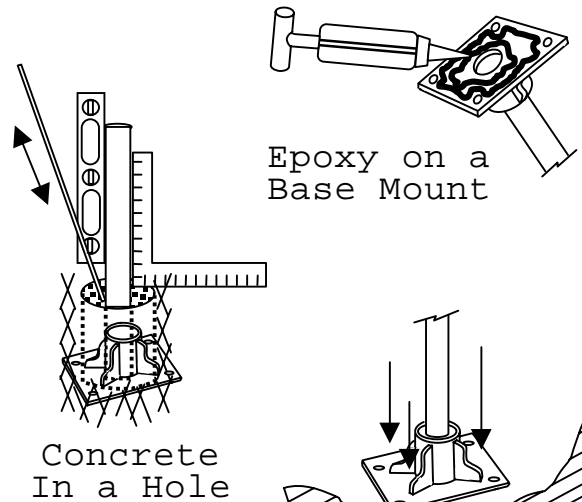
1. If the Mounting Post is inserted into a hole in the ground, follow the procedures described on page 10 for adding concrete to the hole.



2. If the Mounting Post is attached to a Mounting Base, follow the procedures described on page 9 for applying epoxy to the unit.

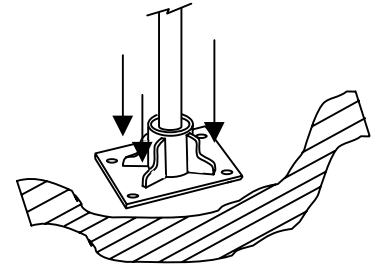


MAKE SURE THE LASER DOT IS CENTERED ON EACH MIRROR OR REFLECTOR, AND THAT EACH MIRROR IS BOUNCING THE LASER BEAM TO THE CENTER OF THE NEXT REFLECTOR.



Epoxy on a Base Mount

Concrete In a Hole



Press Down

THE FINAL STEPS...

11

This completes the installation of the major components of the Prevent system. Now is the time to install any of the optional features such as the Indoor Alarm or Pet Safety Alarm. Follow the instructions packaged with the options.

The final step in the installation process is to activate and test the system.

But first - just to make sure - **CHECK TO SEE THAT A LASER SPOT APPEARS IN THE CENTER OF EACH MIRROR AND REFLECTOR.** Right now is the best time to "tweak" the system to assure that the system will function correctly, with a minimum number of false alarms, and provide years of trouble-free security and peace of mind.



Make sure that all of the Unions are snug, and that all of the Phillips screws on the Swivel Mounts are tight.



Secure power cable to Transceiver Mounting Post with included Cable ties.

12

ACTIVATING THE SYSTEM

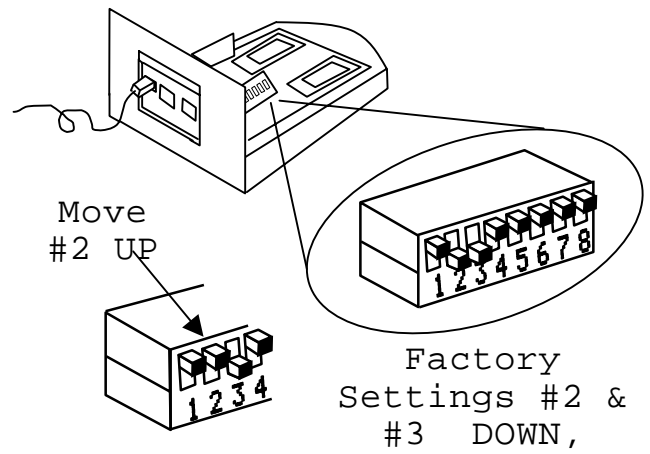
is a four step process. First, the DIP switch setting must be changed to signal the equipment to end the Installation Mode. Then, the Remote Controller must be activated in its Set-up Mode, next the cover will be installed on the Transceiver, and finally, the Remote Controller will be used to transmit a START signal to the system.

STEP 1 - SETTING THE DIP SWITCH

The Installation Mode is controlled by switch #2 on the DIP switch located inside of the Transceiver.

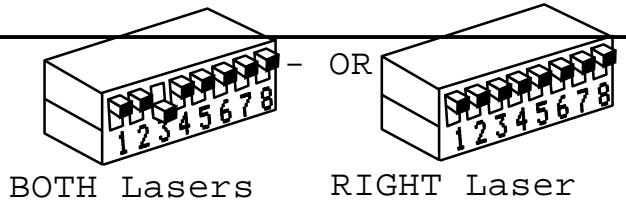


1. To cancel the Installation Mode, move the #2 switch handle UPWARD. The GREEN indicator light is ON solid - it stops flashing.





2. All of the other switches should remain at their factory settings, except for switch #3 which may have been moved UPWARD to select single laser operation.



STEP 2 – ACTIVATING THE REMOTE CONTROLLER

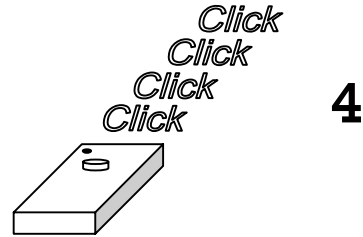
The Remote Controller provided with the Prevent system is a low-power, single channel, radio frequency transmitter. It is intended to be used within the immediate pool area by a supervising individual.

It does not have to be aimed at the Transceiver, as a TV remote control must be aimed at a television set: it functions more like the remote controls used with garage door openers.

A battery was installed in the Remote Control Transmitter at the factory. The Remote Control is ready to use.



1. Click the button on the Remote Controller **4 times**. (Each click must come within one second of the preceding click.) The system will respond as shown at the right.



- Lasers are
- Alarm CHIRPS Every 2
- GREEN Indicator Light is

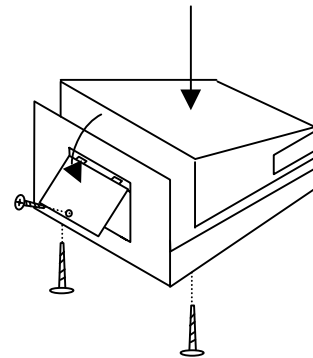
STEP 3 - INSTALLING THE COVERS



1. Lower the top cover onto the Transceiver and fasten by inserting the two mounting screws upward through the holes in the Transceiver bottom, and tighten into the Transceiver Top Cover.



3. Install the Transceiver Door by engaging the two tabs on the top edge of the cover into the mating slots in the Transceiver Bottom. Swing the Door downward into position and fasten with the single screw provided.



AND, ONE LAST TIME - MAKE SURE THERE IS A LASER SPOT IN THE CENTER OF EACH MIRROR AND REFLECTOR.

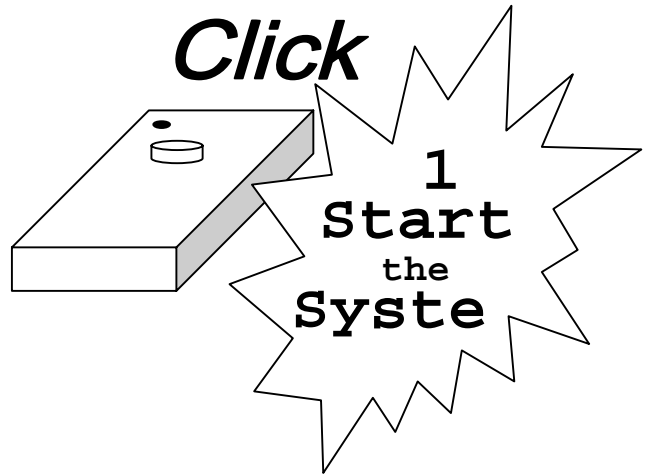
STEP 4 - TRANSMITTING THE START SIGNAL

At this point a single click of the Remote Controller will send a special START signal to the system. The following sequence of events will take place:

- The lasers will turn OFF
- The alarm will CHIRP for 15 SECONDS
- The lasers will turn ON

BE PREPARED

The system will then be fully operational. The alarm will sound any time the beam path is broken. The alarm is VERY LOUD, and may startle nearby persons who may not be expecting the intensity of the sound. Consider notifying the closest neighbors. Consider your pets.



1. At this point, click the Remote Control ONCE. The following sequence of steps will serve to test the Prevent system and to familiarize a user with the operation and capabilities of the system.

TESTING THE SYSTEM

TEST 1

- Walk through a beam path.
- The alarm will SOUND.
- CLICK the Remote 3 TIMES.
- The alarm will turn OFF

Repeat this Test on the second beam path, if installed.



TEST 2

- CLICK the Remote 1 TIME.
- Walk through a beam path.
- Alarm CHIRPS every 3 SECONDS.
- GREEN Light FLASHES.
- System resets in 15 SECONDS



TEST 3

- Unplug Power Cable Assembly.
 - Walk through beam path.
 - The alarm will SOUND.
 - CLICK the Remote 3 TIMES.
 - The alarm will turn OFF
 - Plug Transformer IN.
- (This test confirms that batteries are installed and OK.)



Proceed to the next page for a description of all of the Remote Controller functions.