



# Sentricon<sup>®</sup>

## Colony Elimination System

### Sentricon<sup>®</sup> Stations with Monitoring Device and Sentricon Stations with ESP<sup>™</sup> Technology

An integrated management system for protection of structures from subterranean termites utilizing monitoring and baiting with Recruit<sup>™</sup> termite bait.

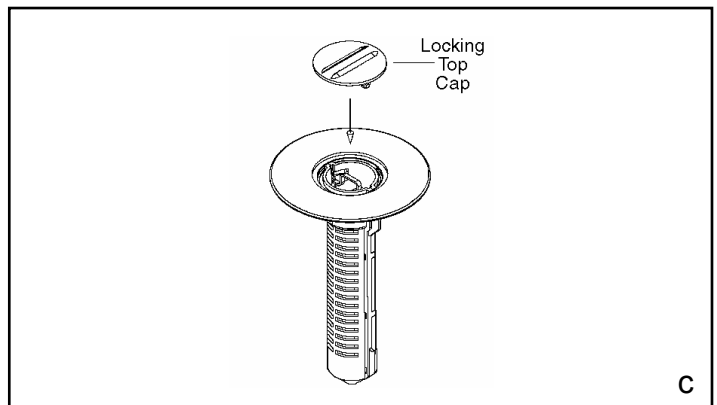
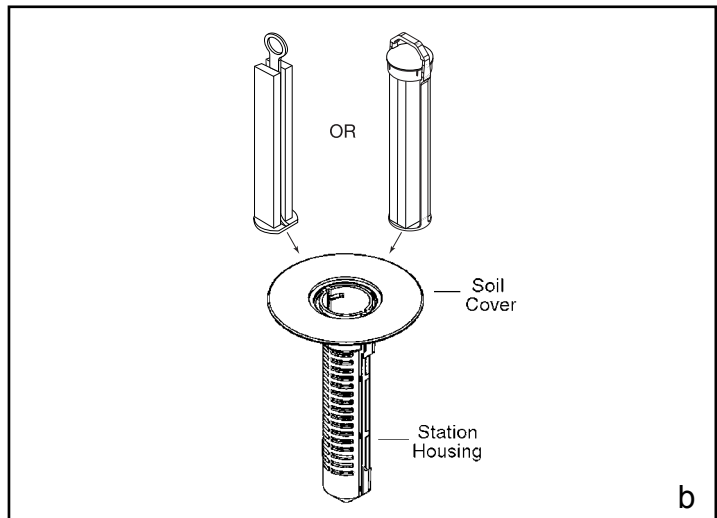
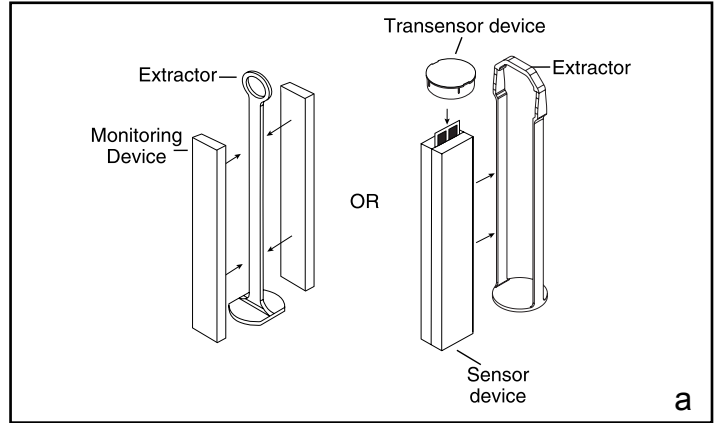


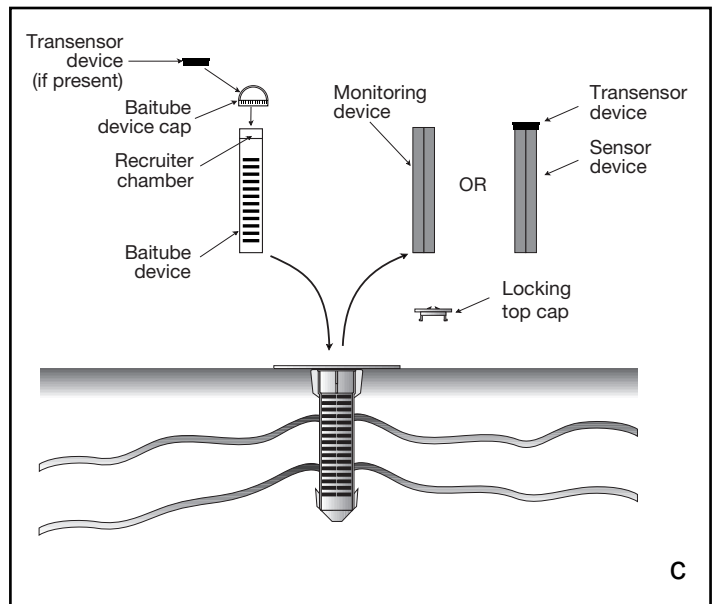
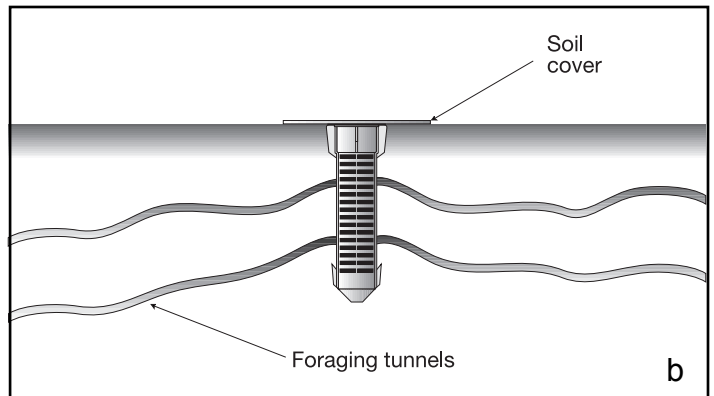
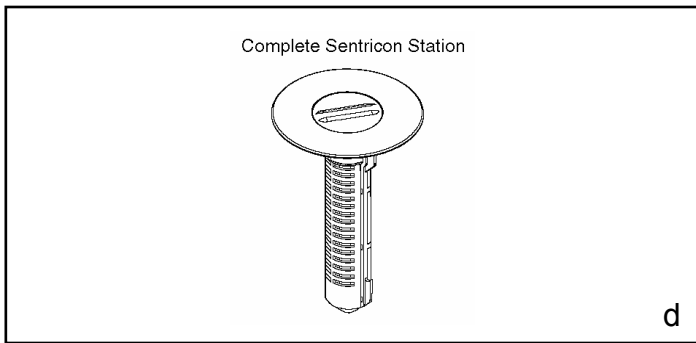
### General Information

The Sentricon<sup>®</sup> Termite Colony Elimination System represents an integrated pest management approach for the protection of structures from subterranean termite colonies, including *Coptotermes*, *Reticulitermes*, and *Heterotermes* spp. and is intended to form the basis of an on-going program. Use of this management system involves three steps: (1) monitoring for the presence or activity of termites in and around the target site, (2) delivery of a slow acting insect growth regulator (IGR) such as Recruit<sup>™</sup> termite bait when the presence or activity of subterranean termites has been detected, and (3) resumption of monitoring for the presence or activity of termites after control has been achieved. Although the third phase of the management system is the optional service offered to the owner of the structure, it can provide an on-going preventive service in order to detect any new termite activity.

The primary components of the Sentricon<sup>®</sup> Termite Colony Elimination System include: (1) a station for monitoring and baiting (Figure 1), (2) a monitoring device, or Sensor device (Sentricon with ESP<sup>™</sup> technology), for detection of termite feeding activity, and (3) a Baitube<sup>™</sup> device containing Recruit termite bait (Figure 2).

Figure 1





- Sentricon Station Placement:** Sentricon stations should be placed in the soil around the perimeter foundation of the structure. For crawl space areas, the stations can be placed along the inside of the foundation walls. Spacing should not exceed 20 feet where soil access is not restricted.

The applicator should also identify critical areas suitable for placing Sentricon stations. Critical areas include locations within or adjacent to visible termite activity such as indicated by: foraging tubes, termite infested plants, wood, and other materials; and areas conducive to termite foraging (bath traps, moist soil in shaded areas, near irrigation sprinkler heads, roof down spouts, and other moist areas and near planting beds or other areas with plant root systems).

Sentricon stations should not be placed in soil treated with pesticides (such as lawn applications or perimeter sprays) until dried. Avoid spraying the Sentricon stations directly when making pesticide applications. Do not place Sentricon stations in soil previously treated with a liquid termiticide. Do not place Sentricon stations where they will interfere with gardening or lawn maintenance operations, such as mowing or irrigation. When possible, it is desirable to avoid public tampering with the Sentricon stations by covering them with soil, mulch, leaf litter, debris, etc. or by placing them in inconspicuous locations where they are not readily visible. Termites may discontinue or avoid foraging in Sentricon stations which are frequently disturbed.

When termite activity is detected and subsequent feeding on Recruit termite bait is established, Baitube devices should continue to be replenished as long as the bait material is being consumed and termites remain active in the Baitube devices. When termite activity ceases in the Baitube devices, monitoring to detect the presence of renewed termite activity may be resumed by substituting a monitoring device or Sensor device for the Baitube device.

It is important for technicians to understand the biology and behavior of subterranean termite species, and construction and landscape features conducive to infestation by subterranean termites.

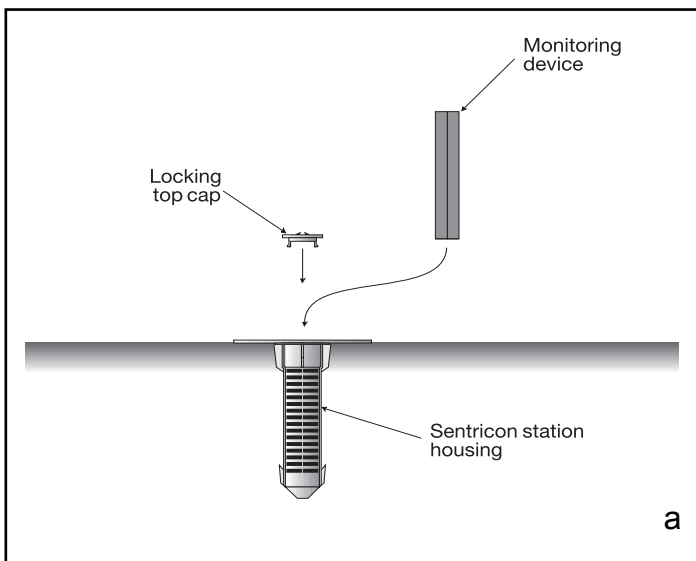
### General Use Directions

Target sites for station placement include buildings, fences, utility poles, decking, landscape plantings and trees or other features which could be damaged by termite feeding and foraging activity.

### Monitoring

The purpose of the monitoring phase is to detect the presence or activity of subterranean termites and to allow for identification of stations that are to be baited. This procedure does not attract termites from other locations. If termites are present, individual termites may be collected from the monitoring device or Sensor device. Upon collection, these termites may be placed inside the Baitube device containing Recruit termite bait to allow tunneling through the bait material. This facilitates their return to the colony for "recruiting" other nestmates to feed on Recruit. This Self-Recruitment™ procedure may further encourage the subterranean termite population to forage into and feed on Recruit termite bait.

**Figure 2**



- 2. Installation of Sentricon Stations:** Sentricon Stations should be implanted in the soil such that the soil cover top is flush with the soil surface. For ease, the monitoring device should be in place and the lid secure at the time of installation.

Record the location of the Sentricon stations on a map or graph of the site for future inspection.

- 3. Monitoring of Sentricon Stations:** All Sentricon stations should be monitored at regular intervals for the presence or activity of termites, either electronically or through visual inspection. Monitoring should be conducted at approximately monthly, bi-monthly, or quarterly intervals. When termites or their activity are detected in a monitoring device or Sensor device, one or more additional Sentricon stations should be installed in the soil within 6 to 12 inches of the infested device, if feasible.

A monitoring device or Sensor device should be replaced when severely damaged by other insects or fungal decay.

When termites or their activity is present during an inspection of a monitoring device or Sensor device, the monitoring device or Sensor device should be removed from its location and replaced with a Baitube device containing Recruit termite bait according to the product label instructions. If stations are monitored electronically, the Transensor device should be placed on top of the Baitube device cap.

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