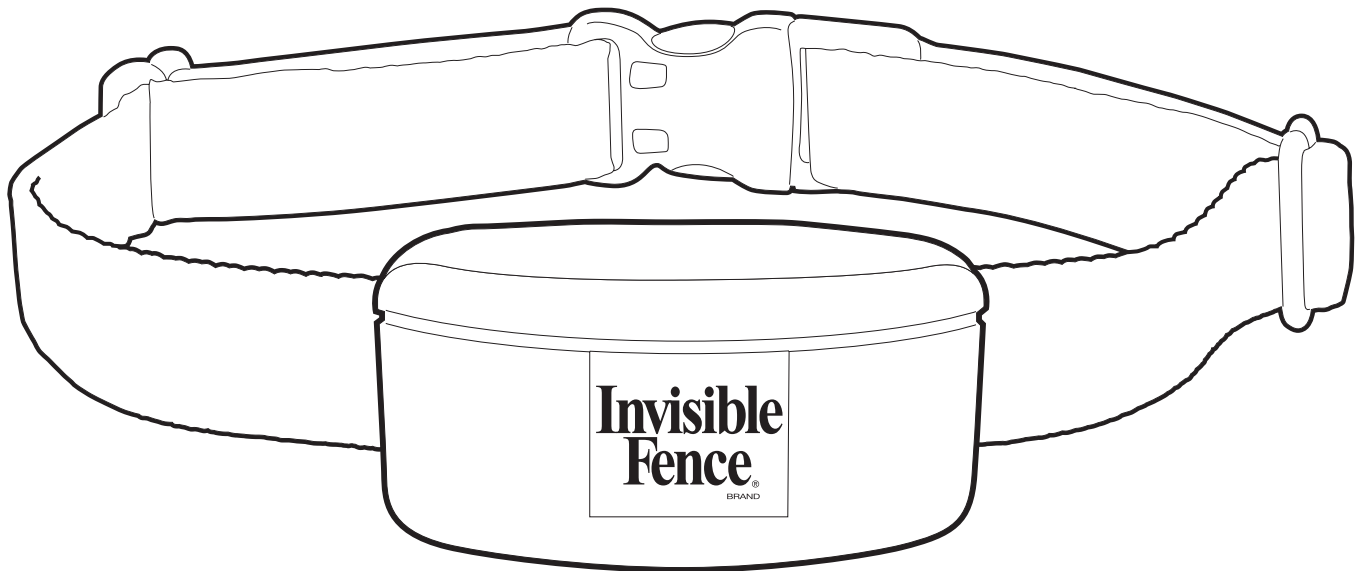




Invisible Fence® Brand

The Brand Vets Recommend Most
For Dog Safety and Freedom

Boundary Plus® V5 Computer Collar® Owner's Manual



www.invisiblefence.com

Important Precautions

- Invisible Fence® Brand pet containment systems have contained over two million pets. However, there are some precautions you should take.
- Read and retain manuals: Read the entire Owner's Manual before using your new Invisible Fence® Brand pet containment system.
- Adhere to all warnings and cautions contained in any Invisible Fence® Brand manual.

⚠ WARNING WARNING indicates a hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION CAUTION used without the safety alert symbol, indicates a hazardous situation, which, if not avoided, could result in harm to your pet.

NOTICE NOTICE is used to address safe use practices not related to personal injury.

⚠ WARNING

- Never open a Power Cap®, dispose of it in a fire, recharge it, expose it to heat above 212° F (100° C), or expose its contents to water. Doing so can cause leakage or explosion and may lead to personal injury.
- Not every pet can be trained to avoid the established boundary. Sometimes even a properly trained pet may cross the boundary. Therefore, Invisible Fence®, Inc., as well as Invisible Fence® Distributors and Dealers, cannot guarantee the system will, in all cases, keep a customer's pet within the established boundary. Accordingly, if a customer has reason to believe that their pet may pose a danger to others, or harm itself, the customer should not rely solely upon the Invisible Fence® Brand pet containment system to keep the pet from crossing the boundary.
- Do not install, connect, or remove your system during a lightning storm. If the storm is close enough for you to hear thunder, it is close enough to create hazardous surges.

CAUTION

Read and follow the important instructions on how to avoid pressure necrosis. Proper fit of the Computer Collar® is important. A Computer Collar® worn for too long or made too tight on the pet's neck may cause skin damage. Ranging from redness to pressure ulcers; this condition is commonly known as bedsores.

The following tips will help keep your pet safe and comfortable. Millions of pets are comfortable while they wear stainless steel posts. Some pets are sensitive to contact pressure. You may find after some time that your pet is very tolerant of the Computer Collar®. If so, you may relax some of these precautions. It is important to continue daily checks of the contact area. If redness or sores are found, discontinue use until the skin has fully healed.

- Avoid leaving the Computer Collar® on the pet for more than 12 hours per day.
- When possible, reposition the Computer Collar® on the pet's neck every 1 to 2 hours.
- Check the fit to prevent excessive pressure; follow the instructions in this manual.
- Never connect a leash to the Computer Collar®; it will cause excessive pressure on the contacts.
- When using a separate collar for a leash, don't put pressure on the Computer Collar®.
- Wash the pet's neck area and the contacts of the Computer Collar® weekly with a damp cloth.
- Examine the contact area daily for signs of a rash or a sore.
- If a rash or sore is found, discontinue use of the Computer Collar® until the skin is healed.
- If the condition persists beyond 48 hours, see your veterinarian.

You may need to trim the hair in the area of the Correction Posts or switch to the longer Correction Posts to ensure consistent contact. Never shave the pet's neck; this may lead to a rash or infection.

To prevent an unintended correction:

- The Computer Collar® should not be on your pet when the system is tested.
- Remove the Computer Collar® before making any changes to your system.
- Before placing the Computer Collar® on your pet, test the Boundary Area and Width after any change.
- The use of any power source other than a Power Cap® may cause a Computer Collar® to operate erratically or fail. The use of unnecessary force may damage the case and render the Power Cap® inoperable.
- Train your pet according to the instructions in the Invisible Fence® Brand training manuals. Complete all steps before allowing your pet to run free. Do not become overly confident if your pet has become conditioned to the Invisible Fence® Brand pet containment system sooner than expected.
- Your Invisible Fence® Brand Dealer has professionally installed your pet containment system and ensured it is working properly. You will want to perform periodic maintenance checks to make sure the system is properly functioning for your pet's safe containment.
- Check the Invisible Fence® Brand transmitter periodically to make sure it is operating properly. To do this, simply bring the Computer Collar® to the edge of the containment field to verify function.
- The transmitter has visual and audible signals to warn of a system malfunction. The transmitter should be installed where such signals may be easily seen and heard. If the transmitter is installed by the customer in an enclosed box, or in a place not readily accessible to the customer, the customer will not benefit from the system's warning functions, for which Invisible Fence®, Inc., as well as Invisible Fence® Distributors and Dealers, assume no responsibility.
- Do not attempt to service any Invisible Fence® Brand equipment. Refer all service to your authorized Invisible Fence® Brand Dealer. Only your authorized Invisible Fence® Brand Dealer should make adjustments to your pet containment system.
- All Invisible Fence® Brand pet containment systems are designed for domesticated animal use only. Never attempt to use this product for any purpose not specifically described in this manual.

NOTICE

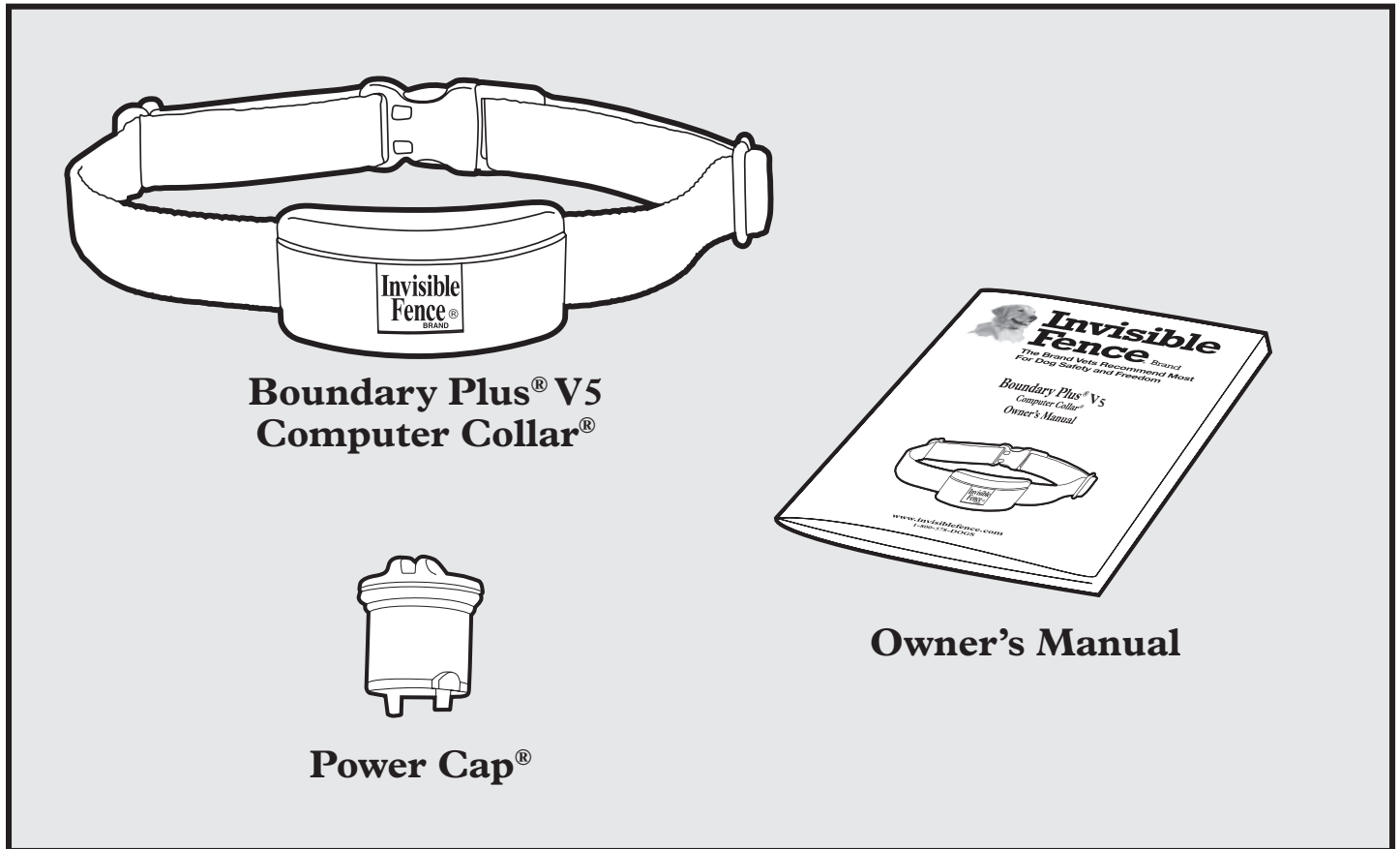
- Use care when mowing, aerating, or trimming your lawn so as not to cut the loop wire.
- If you have any questions about any aspect of your Invisible Fence® Brand pet containment system, call your Invisible Fence® Brand Dealer immediately.

Congratulations on your purchase of the world’s premier pet containment solution, the Invisible Fence® Brand. When professionally installed, the Invisible Fence® Brand pet containment system is backed with a one-year, money-back performance guarantee. The support of your Invisible Fence® Brand Dealer gives you peace of mind that your pet remains safe at home. Refer to the back of your sales contract for complete details.

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Components



**Boundary Plus® V5
Computer Collar®**

Power Cap®

Owner's Manual

How the System Works

The Boundary Plus® Computer Collar® is compatible with Boundary Plus® and 800 Series Transmitters to contain your pet within areas you choose, or teach your pet to avoid specific areas such as flower beds, gardens, or pools. The transmitter produces a signal that travels along the signal field wire and back to the transmitter to produce an Invisible Boundary®.

When your pet approaches the established boundary, the Boundary Plus® Computer Collar® generates a tone and correction to remind your pet of the boundary. With training and praise, your pet will quickly learn to avoid the established boundary.

Definition: A correction is a training term used to describe an action taken to discourage unwanted pet behavior. The Boundary Plus® Computer Collar® applies a correction when your pet crosses the boundary of an Invisible Fence® Brand electronic pet containment system. Corrections are used in combination with rewards to alter unwanted pet behavior.

Your Invisible Fence® Brand pet containment system will only work when:

- a. The transformer is connected to the transmitter and to a functional standard electric outlet, via an approved Lightning Protection Device. All Invisible Fence® Brand pet containment systems must be grounded per the National Electric Code to be protected against lightning (North American customers only).
- b. The transmitter is ON, connected to the signal field wire, and producing a signal along the entire length of the wire.
- c. The signal field wire is intact, continuous, and the transmitter's Status Indicator light is blinking green.
- d. The Boundary Plus® Computer Collar® is correctly fitted and worn by your pet. The Boundary Plus® Computer Collar® must be adjusted so that both of the correction posts touch your pet's skin.
- e. The Power Cap® in the Boundary Plus® Computer Collar® is good and correctly installed. See page 6 and 7 for proper Power Cap® operation.

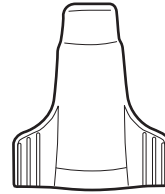
About Thunder and Electrical Storms: Even though your Invisible Fence® Brand pet containment system is equipped with a Lightning Protection Device (North American customers only), it is still possible that it may be damaged during a thunderstorm, or when an electrical storm is in the area. After a storm has ended, check the signal field width. See page 8 for periodic maintenance checks.

Operating Guide

The Boundary Plus® Computer Collar®

The Boundary Plus® Computer Collar® is a patented microprocessor-controlled device, powered by a patented Power Cap®.

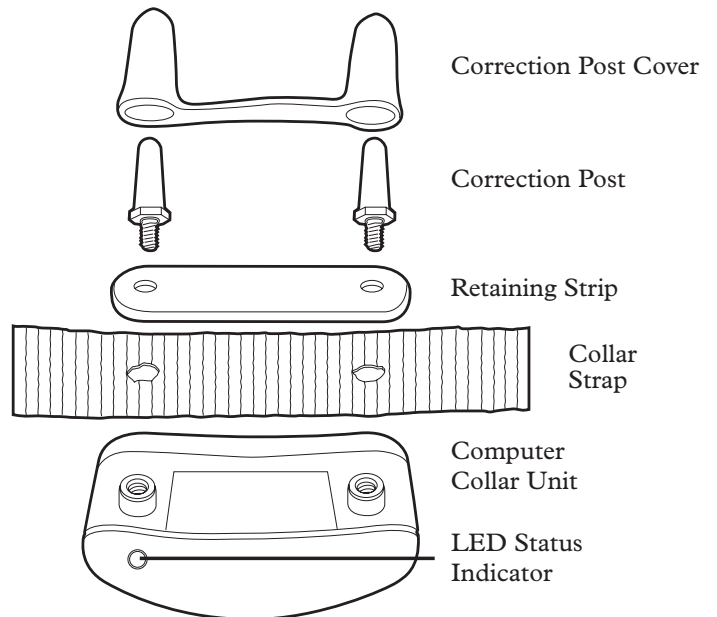
*ONLY use the post tightening tool to tighten the correction posts.
DO NOT secure the correction posts in the Boundary Plus® Computer Collar® with any kind of glue or adhesive.*



Fitting the Boundary Plus® Computer Collar®

To work properly, the correction posts on the Boundary Plus® Computer Collar® must touch your pet's skin.

1. Position the collar strap high on your pet's neck with the Boundary Plus® Computer Collar® under your pet's jaw.
2. To avoid having a collar that is too tight on a thick-haired pet, thin some hair away in order to allow the correction posts to make contact with the skin. Do not shave the pet's neck.
3. Tighten the collar strap of the Boundary Plus® Computer Collar® appropriately. Adjust the collar strap so it is snug enough to slide only one finger between a correction post and your pet's skin.
4. Adjust the fit of the Boundary Plus® Computer Collar® as necessary as your pet's coat, weight, and age change. Your pet's coat may change from season to season.
5. Allow your pet to become accustomed to its new Boundary Plus® Computer Collar®. The collar must be removed each night during the first month of training. This ensures proper fit and avoids the possibility of skin irritation.
6. After training is complete, remove your pet's Boundary Plus® Computer Collar® each night if possible. This will help prevent irritation. However, if this is not possible, please check the tightness of the collar each time you feed your pet by removing the collar and then replacing it back on your pet.
7. The Boundary Plus® Computer Collar® is waterproof. If the nylon collar strap becomes wet, it is recommended that it be removed from your pet and be allowed to air dry before replacing the collar on your pet's neck.



Boundary Plus® Computer Collar® Power Cap® Status

The Boundary Plus® Computer Collar® monitors Power Cap® Status. Each time you insert a Power Cap® into your Boundary Plus® Computer Collar® it performs a battery test. The LED status indicator will show a flashing light, indicating power status.

At Start-Up

Color	Indicator	Status
GREEN	5 flashes	Battery strength is good
RED	4 flashes	Battery strength is weakening; replace Power Cap® at first opportunity
NO LIGHT		Battery is dead; replace Power Cap® immediately

Due to the initial power draw on the battery, a fresh Power Cap® is required when powering up the new Boundary Plus® Computer Collar® either out of the box or when a Boundary Plus® Computer Collar® has not been powered up for over one minute. Use of an old Power Cap® may result in the Boundary Plus® Computer Collar® blinking red during the first Power Cap® test sequence. If this occurs; wait five to ten seconds after the last red blink, then unlock and relock the Power Cap®. The LED should now flash green. If this does not occur, replace with a new Power Cap®.

Should the red LED flash continuously while your pet is wearing the Boundary Plus® Computer Collar®, the Power Cap® strength is dangerously low; replace Power Cap® immediately.

Replace your existing Power Cap® with one supplied via your Power Cap® plan, available through your Invisible Fence® Brand Dealer. If a fresh Power Cap® is not available, contact your Invisible Fence® Brand Dealer for a replacement. Once a replacement Power Cap® is installed and the signal field checked (see page 8 for instructions on checking the signal field), put the Boundary Plus® Computer Collar® on your pet. The Invisible Fence® Brand pet containment system is now ready.

Changing the Power Cap®

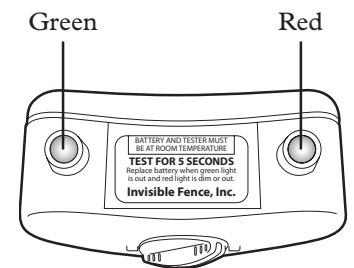
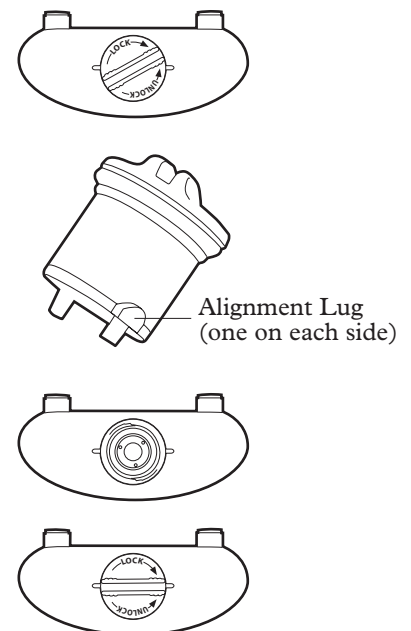
1. Use a small, thin coin to remove the Power Cap® from the Boundary Plus® Computer Collar®. Insert the coin in the slot on top of the Power Cap® and turn it counter-clockwise. Do not push down while turning. The Power Cap® unit will rotate up and out of the Boundary Plus® Computer Collar® unit's battery chamber.
2. Install a new Power Cap® using the following steps:
 - a. Line up the lugs on the bottom of the Power Cap® with the grooves in the sides of the Boundary Plus® Computer Collar's® battery chamber. Make sure the metal tabs on the bottom of the Power Cap® are not bent.
 - b. Place the Power Cap® into the chamber while gently, but firmly, turning it clockwise with your fingers.
 - c. Use a small, thin coin in the slot on top of the Power Cap® to turn it clockwise until the slot on the top of the Power Cap® is lined up with the two small raised tabs on the bottom of the receiver. Do not over-tighten by turning the slot past the tabs on the Computer Collar®.

⚠ WARNING *The use of any power source other than an Invisible Fence® Brand Power Cap® may cause a receiver to operate erratically or fail. The use of unnecessary force may damage the case and render the Power Cap® inoperable. NEVER open a Power Cap®, dispose of it in fire, recharge it, expose it to heat above 212°F (100°C), or expose its contents to water. Doing so can cause leakage or explosion and may lead to personal injury.*

Power Cap® Tester

We strongly recommend that each customer obtain a Power Cap® tester, which is available through your Invisible Fence® Brand dealer. At least once a month, check the Computer Collar® battery with the Power Cap® tester. The Power Cap® tester measures the internal resistance of a Power Cap® and shows how much life is left in the battery.

To test a Power Cap® with the Power Cap® tester, remove the Power Cap® from the Computer Collar® and put it into the Power Cap® tester the same way that you would put it into a Computer Collar®. If the battery is good, the green and red LEDs on the tester will both light. If neither LED on the tester lights, or just the red LED lights dimly, the Power Cap® needs to be replaced.



Power Cap® Tester

Periodic Maintenance Checks

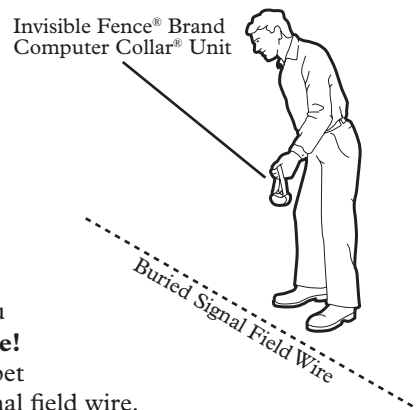
System Device	How Often	What to Look For
Boundary Plus® Computer Collar®	Daily	<ul style="list-style-type: none"> • Check Power Cap® Battery status light • Review chart for status indicators (see page 7)
Signal Field Width	Monthly and after a thunderstorm	<ul style="list-style-type: none"> • Verify the signal field wire is active throughout the property, see Monthly Signal Field Width Test below

Monthly Signal Field Width Test

You should always be aware of your system's signal field width.

Check the width of the signal field from only one place on the signal field loop wire. Always check the signal field width from the same place. Take the Boundary Plus® Computer Collar® off your pet to measure the signal field width.

1. Hold the Invisible Fence® Brand Boundary Plus® Computer Collar® so it is parallel to the signal field wire.
2. Hold the collar so it is about the same height and at the same angle as it will be when the pet is wearing it.
3. Walk slowly toward the signal field wire. The Computer Collar® will activate when you reach the buried signal field wire. **Do NOT touch the correction posts at this time!**
4. Move back into the safe area, raise the Computer Collar® to twice the height of your pet and repeat Step 3. The Computer Collar® will activate when you reach the buried signal field wire.



If the Computer Collar® does not sound a warning tone where the edge of the signal is supposed to be, immediately call your Invisible Fence® Brand Dealer for service. Use a leash (lead) or other means to contain your pet until all necessary service has been completed.

Troubleshooting

Symptom	Possible Cause	Action
Pet is getting out.	<ul style="list-style-type: none"> • Power Cap® in the Boundary Plus® Computer Collar® is dead or weak. • Boundary Plus® Computer Collar® is not fitted properly on the pet. • Signal field wire has a break. • Power is not supplied to the transmitter or power is out. • Signal field is too narrow. • Pet needs additional training. 	<ul style="list-style-type: none"> • Replace the Power Cap®. • See page 6 for properly fitting the collar. • Contact your Invisible Fence® Brand Dealer. • Make sure transmitter power supply is plugged in. • Contact your Invisible Fence® Brand Dealer. • Contact your Invisible Fence® Brand Dealer for additional pet training.
Pet will not enter the yard.	<ul style="list-style-type: none"> • Signal field is too high. • Pet needs additional training. 	<ul style="list-style-type: none"> • Contact your Invisible Fence® Brand Dealer to check signal field. • Contact your Invisible Fence® Brand Dealer for additional pet training.
Boundary Plus® Computer Collar® not responding to signal field (loop) wire.	<ul style="list-style-type: none"> • Power Cap® in the Boundary Plus® Computer Collar® is dead or weak. • Signal field wire has a break. • Power is not supplied to the transmitter or power is out. 	<ul style="list-style-type: none"> • Replace the Power Cap®. • Contact your Invisible Fence® Brand Dealer to check signal field and fix break. • Make sure transmitter power supply is plugged in.

Battery Disposal

Separate collection of spent batteries is required in many regions; check the regulations in your area before discarding spent batteries. Please see page 7 of your manual for instructions on how to remove the battery pack for separate disposal. The Computer Collar® operates on 1 Lithium (Li-MnO₂) battery with a 3 Volt, 160 mAH capacity, replace only with an equivalent battery that can be obtained from your Invisible Fence® Brand Dealer.

Perchlorate Battery

Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Important Recycling Advice

Please respect the Waste Electrical and Electronic Equipment regulations in your country. This equipment must be recycled. If you no longer require this equipment, do not place it in the normal municipal waste system. Please return it to where it was purchased in order that it can be placed in our recycling system. If this is not possible, please contact your Invisible Fence® Brand Dealer.

Compliance

US and Canada

IC: 2721A-3001163

FCC ID: KE3-3001163

This device complies with Industry Canada rules. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. Cet appareil est conforme à la partie 15 des règles FCC. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Modification or changes to this equipment not expressly approved by Radio Systems® may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a specific installation. If interference does occur to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult customer care, the dealer, or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Australia

This device complies with the applicable EMC requirements specified by the ACMA (Australian Communications and Media Authority).

European Union



This equipment has been tested and found to comply with relevant EU Low Voltage and R&TTE Directives. Before using this equipment outside the EU countries, check with the relevant local R&TTE authority. Unauthorized changes or modifications to the equipment that are not approved by Radio Systems Corporation are in violation of EU R&TTE regulations, could void the user's authority to operate the equipment, and void the warranty.

This product is in full compliance with the provisions of the R&TTE - Directive 1999/05/EEC. The Declaration of Conformity can be found at: <http://www.invisiblefence.com/international/declarations-of-conformity.asp>.

Dealer Name: _____

Dealer Phone: _____

Notes:

800-578-3647 (USA)
(865) 777-5404 (International)
400-1451
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Protected by Patents:
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U.K.: #0714235, #0720780
Ireland: #0714235, #0720780
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