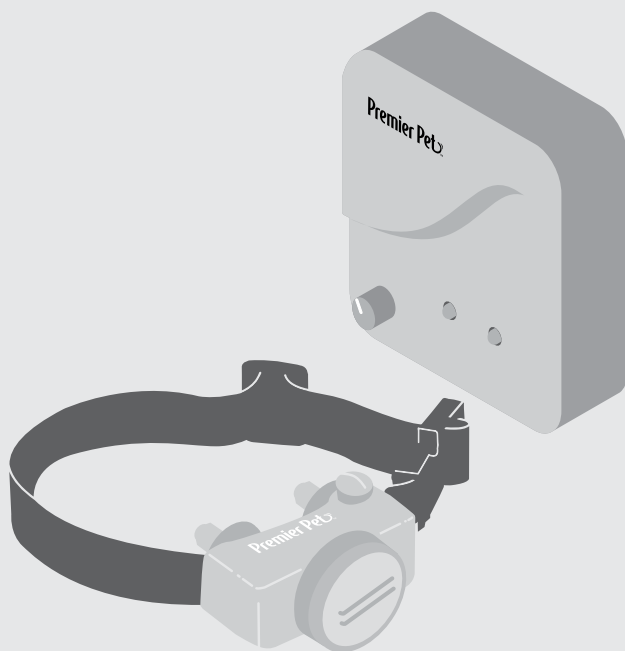


In-Ground FenceTM

GIG00-16349 | Product Manual



Have questions about your In-Ground Fence or need training tips for your pet?

Our Customer Care representatives are here to help you.

Call our USA-based Customer Care Center at

+1 (866) 381-2785


USA & Canada: Mon–Fri 8am–8pm EST | Sat 9am–5pm EST

This product includes a one year warranty.
Call, click, or chat with us before you return your product.

premierpet.com

Important Safety Information

Explanation of Attention Words and Symbols used in this guide

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

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

⚠ CAUTION **CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

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 practices not related to personal injury.

⚠ WARNING

- Do not use this product if your pet is aggressive or is prone to aggressive behavior. Aggressive pets can cause severe injury and even death to owners and others. If you are unsure whether this product is appropriate for your pet, please consult your veterinarian or a certified trainer.
- Before you begin installing the boundary wire, turn the transmitter off.
- Underground cables can carry high voltage. Have all underground cables marked before you dig to bury the boundary wire. In most areas, this is a free service. 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.
- To avoid risk of severe injury, follow all safety instructions for your power tools, and wear safety goggles during use.
- To avoid electric shock, use the transmitter indoors in a dry location only.
- DO NOT attempt to cut into or pry open the battery. Be sure to discard any used battery properly.
- Never incinerate, puncture, deform, short-circuit or charge with an inappropriate charger. Fire, explosion, property damage or bodily harm may occur if this warning is not followed.
- There is a risk of explosion if a battery is replaced by an incorrect type. Do not short circuit, mix old and new batteries, dispose of in fire or expose to water. When batteries are stored or disposed, they must be protected from shorting.

⚠ CAUTION

- Wire on top of the ground may be a trip hazard. Be careful when placing wires and testing the system.
- This system is NOT a solid barrier. It is designed to act as a deterrent to remind pets to remain within the established boundary by use of static correction. It is important that you reinforce training with your pet on a regular basis. Since the tolerance level to shock varies from pet to pet, Radio Systems Corporation CANNOT guarantee that the system will, in all cases, keep a pet within the established boundary. Not all pets can be trained to avoid crossing the boundary! Therefore, if you have reason to believe that your pet may pose a danger to others or harm himself if he is not kept from crossing the boundary, you should NOT rely solely upon this system to confine your pet. Radio Systems Corporation shall NOT be liable for any property damage, economic loss or any consequential damages sustained as a result of any animal crossing the boundary.
- This product is not a toy. Keep it away from the reach of children.

CAUTION

- Proper fit of the collar is important. A 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 bed sores.
- Avoid leaving the collar on a pet for more than 12 hours per day.
- When possible, reposition the collar on the pet's neck every 1 to 2 hours.
- Regularly recheck the fit to prevent excessive pressure; follow the instructions in this manual.
- You may need to trim the hair in the area of the contact points. However, never shave the dog's neck; this may lead to a rash or infection.
- Never connect a leash to a collar with contact points. It will cause excessive pressure on the contact points.
- When connecting a leash to a separate collar, do not allow it to put pressure on the receiver collar.
- Wash the dog's neck area and the contact points of the 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 using this product until the skin has healed.
- If the condition persists beyond 48 hours, see your veterinarian.
- For additional information on bed sores and pressure necrosis, please visit our website.
- Proper training of your pet is essential to successfully using the system. During the first 2 weeks of training, do not use the system without direct supervision of your pet.
- Always remove your pet's receiver collar before performing any transmitter testing or adjustments. This will prevent unintended corrections.
- The boundary width of the system must be tested whenever an adjustment is made to the pet area to prevent unintended corrections to your pet. Do not use an outlet protected with a residual current device (RCD) or ground fault circuit interrupter (GFCI). The fence system will function properly, but in rare cases, nearby lightning strikes may cause the RCD or GFCI to trip. Without system power, your pet may escape. You will have to reset the RCD or GFCI to restore power to the system.

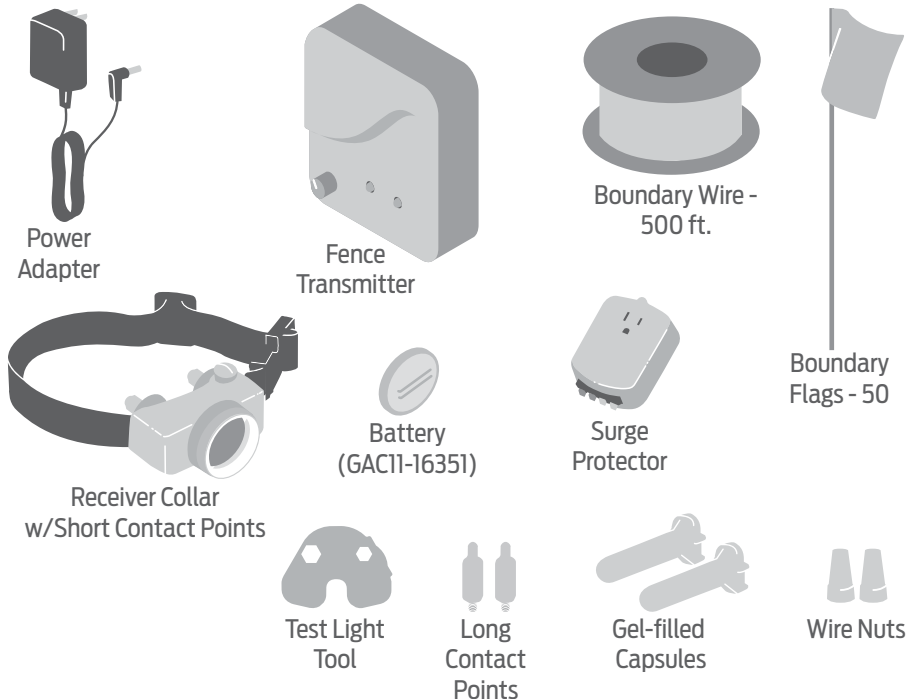
NOTICE

- Avoid damaging the insulation of the loop wire; damage may cause areas of weak signal and lead to failure of the boundary.
- When mowing or trimming your grass, use care not to cut the boundary wire.
- To protect the transmitter, disconnect the boundary wire and unplug the power adapter from the outlet when the system will not be used for long periods of time or prior to thunderstorms. This will prevent power surges from damaging the transmitter.

TABLE OF CONTENTS

Components.....	4
How It Works.....	4
Key Definitions.....	5
Locate the Fence Transmitter.....	6
Lay Out the System.....	6
Position the Boundary Wire.....	8
Connect the Wires to the Surge Protector and Fence Transmitter.....	9
Prepare the Receiver Collar.....	11
Set the Boundary Width and Test the Receiver Collar.....	12
Install the Boundary Wire.....	13
Place the Boundary Flags.....	14
Fit the Receiver Collar.....	14
Training Guide.....	16
Troubleshooting	17
Additional Information.....	18
System Test.....	18
Wire Break Location Test.....	19
Terms of Use and Limitation of Liability.....	20
Warranty.....	20
Perchlorate Battery.....	21
Battery Disposal.....	21
Compliance.....	21
Layout Grid.....	22
Mounting Template.....	23

Components



Other Items You May Need

- Additional wire and flags (GRFA-500)
- Tape measure
- Small Phillips screwdriver
- Drill & mounting hardware
- Shovel or lawn edger
- Pliers
- Wire stripping pliers
- Scissors
- Lighter
- Electrical tape
- Gel-filled capsules
- Additional wire nuts
- Waterproofing compound (e.g. silicone caulk)
- PVC pipe or water hose
- Circular saw with masonry blade
- Staple gun
- Non-metallic collar and leash

Set up and training help: www.premierpet.com

How It Works

The Premier Pet™ In-Ground Fence™ system has been proven safe, comfortable, and effective for pets over 8 lb. The system works by producing a radio signal from the fence transmitter through up to 2000 ft. of boundary wire. The boundary wire is buried or attached to a fixed object to enclose the pet area. You temporarily define this pet area with boundary flags for a visual aid in training your pet. Your pet wears a receiver collar with contact points that touch his neck, and once trained, is allowed to roam freely in the pet area. When your pet reaches the warning zone, the receiver collar gives a warning beep. If your pet continues into the static correction zone, a safe static correction will be delivered through the contact points to get his attention until he returns to the pet area.

Key Definitions

Fence Transmitter: Transmits the radio signal through the boundary wire

Pet Area: The area within the warning zone where your pet can roam freely

Warning Zone: The outer edge of the pet area where your pet's receiver collar begins to beep, warning him not to go into the static correction zone

Static Correction Zone: The zone beyond the warning zone where your pet's receiver collar will emit a static correction, signaling him to return to the pet area

Boundary Width: The combination of the warning zone and the static correction zone

Surge Protector: Installed with the fence transmitter to protect it from lightning strikes and power surges

Receiver Collar: The device that receives the radio signal from the boundary wire

Correction Level Button: Adjusts the level of static correction your pet receives in the static correction zone

Receiver Indicator Light: Indicates the level of correction at which the receiver collar is set. This light also serves as the low battery indicator

Contact Points: The contacts through which the receiver collar delivers the safe static correction when your pet moves into the static correction zone

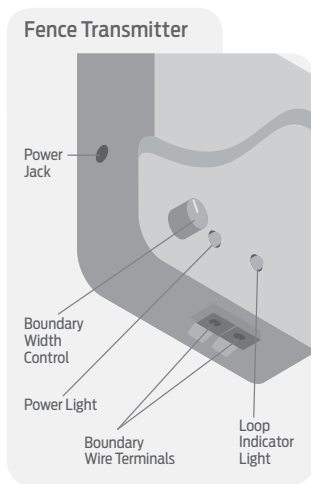
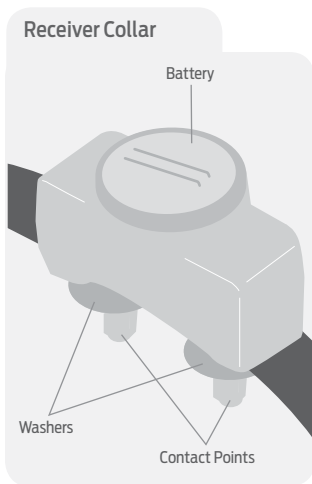
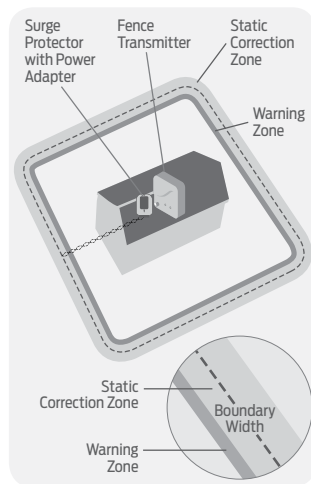
Power Jack: The jack where the power adapter plugs into the fence transmitter. The fence transmitter is powered by a standard outlet

Boundary Wire Terminals: The terminals where the boundary wires connect to the fence transmitter in order to complete a continuous loop

Loop Indicator Light: The light that indicates that the boundary wire makes a complete loop, enabling the signal to be transmitted

Boundary Width Control: The knob that adjusts the width of the warning and static correction zones.

Note: Adjusting the knob does not change the level of static correction on the receiver collar.

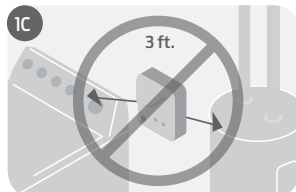
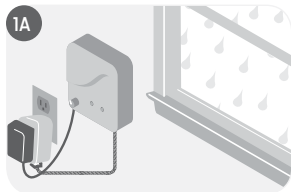


Locate the Fence Transmitter

- Place the fence transmitter:
- In a dry, well ventilated, protected area **(1A, 1B)**.
- In an area where temperatures do not fall below -10°F (-23°C) (e.g., garage, basement, shed, closet).
- Secured to a stationary surface using appropriate mounting hardware (not included). A mounting template is included in the back of this guide.
- At least 3 ft. from large metal objects or appliances as these items may interfere with the signal consistency **(1C)**.

Once you have mounted the fence transmitter, the boundary wire must exit the building. This can be accomplished via a window or through a hole drilled through the wall. Ensure the drill path is clear of any utilities. Make sure the boundary wire is not cut off or pinched by a window, door, or garage door, as this can damage it over time.

To prevent fires and electrical hazards, install the fence transmitter in buildings that are in accordance with state and local electrical codes.



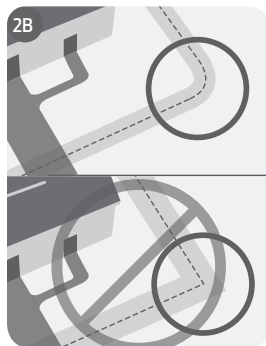
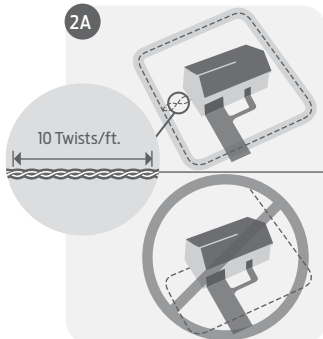
Lay Out the System

Basic Planning Tips

⚠ WARNING Underground cables can carry high voltage. Have all underground cables marked before you dig to bury your wire. In most areas this is a free service. Avoid these cables when you dig.

For information regarding how these underground wires can affect your system's operation, see "Position the Boundary Wire".

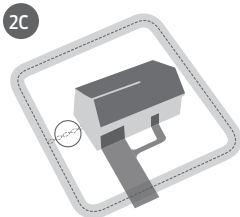
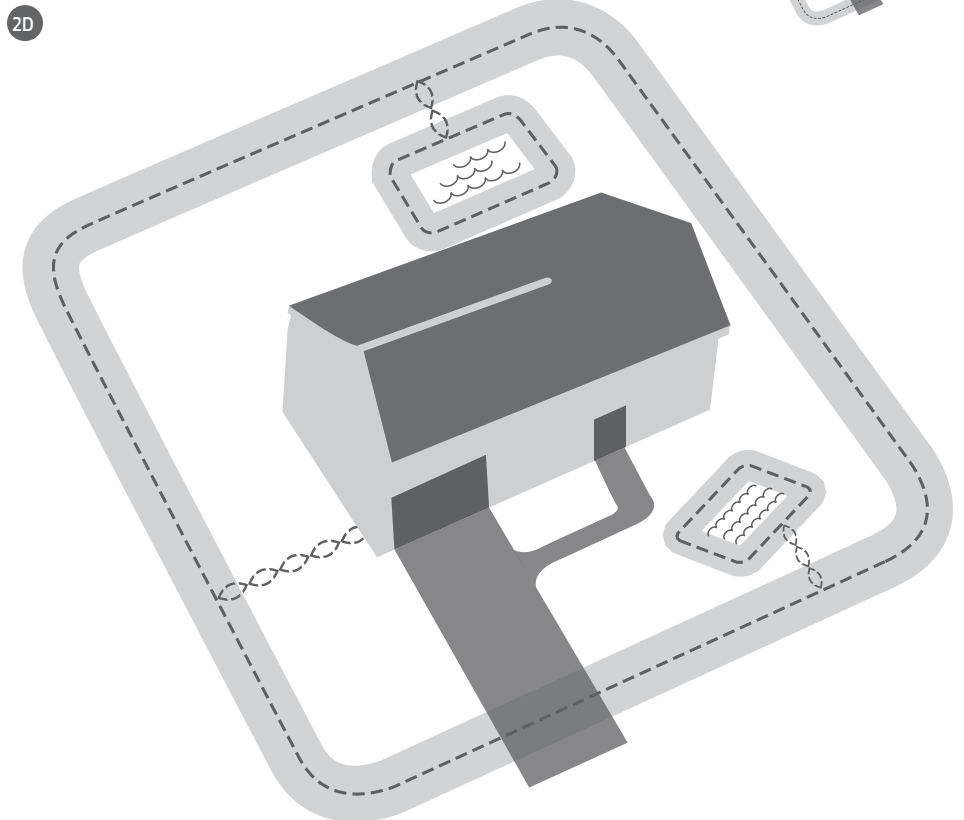
- The boundary wire **MUST** start at the fence transmitter and make a continuous loop back **(2A)**.
- Twisting the boundary wire cancels the signal and allows your pet to cross over that area without correction. Plastic or metal piping will not cancel the signal. Twist the boundary wire 10-12 times per ft. to cancel the signal **(2A)**.
- Design a layout that is suitable for your yard (sample layouts are provided in this section).
- Always use gradual turns at the corners with a minimum of 3 ft. radius to produce a more consistent boundary **(2B)**. Do not use sharp turns, as this will cause gaps in your boundary.
- To properly contain your pet, we recommend setting a boundary width for the warning and static correction zones to approximately 12-20 ft. (6-10 ft. on each side of the wire).
- Avoid making passageways too narrow for your pet to move about freely (e.g., along the sides of a house).
- The receiver collar can be activated inside the house if the boundary wire runs along the outside wall of the house. If this occurs, remove your pet's receiver collar before bringing him inside, decrease the range using the boundary width control knob or consider an alternative layout.



Sample Layouts

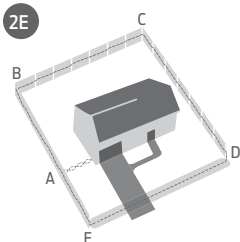
Sample 1: Perimeter Loop (Single Loop)

The perimeter loop is the most common layout. This will allow your pet to freely and safely roam your entire property (2C). It can also protect gardens, pools and landscaping (2D).



Sample 2 (2E): Perimeter Loop Using Existing Fence (Single Loop)

This layout allows you to include your existing fence as part of your layout and keep your pet from jumping out or digging under your existing fence. It reduces the amount of wire which will need to be buried. From the fence transmitter, run the wire to A, A to B, B to C, C to D, D to E, E to A, twist the wires from A back to the fence transmitter. See the "Install the Boundary Wire" section for more information on attaching the wire to a fence.



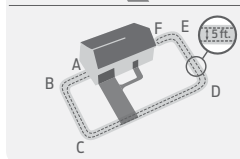
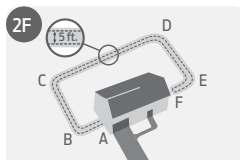
Double Loop

A double loop must be used when you are not establishing the boundary zone on all sides of your property.

When using a double loop, the boundary wire must be separated by a minimum of **5 ft.** to avoid canceling the signal. Remember that a double loop will require twice as much wire.

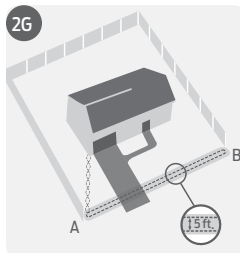
Sample 3 (2F): Front or Back Yard Only (Double Loop)

From the fence transmitter, run the wire to A, A to B, B to C, C to D, D to E, E to F, make a U-turn and follow your path all the way back to A, keeping the wire separated at least 5 ft. Twist the wire from A back to the fence transmitter.



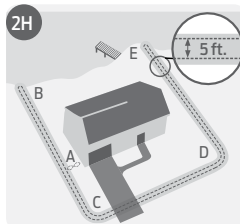
Sample 4 (2G): Front Boundary Only (Double Loop)

From the fence transmitter, run the wire to A, A to B, B back to A keeping the wire separated at least 5 ft. Twist the wire from A back to the fence transmitter.



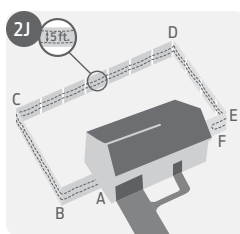
Sample 5 (2H): Lake Access (Double Loop)

From the fence transmitter, run the wire to A, A to B, make a U-turn and go to C, C to D, D to E, make a U-turn and follow your path all the way back to A keeping wire separated at least 5 ft. Twist the wire from A back to the fence transmitter.



Sample 6 (2J): Wire Loop Attached to Existing Fence (Double Loop)

This layout allows you to include your existing fence as part of your layout and keep your pet from jumping out or digging under your existing fence. It reduces the amount of wire which will need to be buried. Run the wire from the fence transmitter to A, A to B, B to C, C to D, D to E, E to F, make a U-turn and follow your path all the way back to A, keeping the wire separated at least 5 ft. Twist the wire from A back to the fence transmitter. See the "Install the Boundary Wire" section for more information on attaching the wire to a fence.

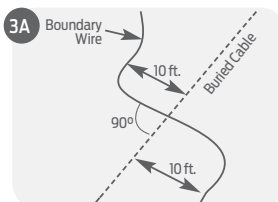


Position the Boundary Wire

Lay out the boundary wire using your planned boundary and test the system BEFORE burying the wire or attaching it to an existing fence. This will make any layout changes easier. Work carefully. A nick in the wire insulation can diminish the signal strength and create a weak area where your pet can escape.

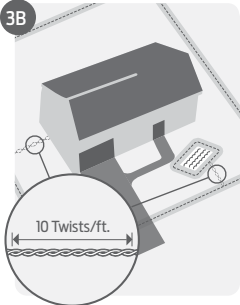
Running the boundary wire parallel to and within 10 ft. of electrical wires, neighboring containment systems, telephone wires, television or antenna cables, or satellite dishes may cause an inconsistent signal. If you must cross any of these, do so at 90-degree angles (perpendicularly) (3A).

If separating your boundary wire by at least 10 ft. from a neighboring containment system's wire does not reduce the inconsistent signal, contact the Customer Care Center.



To Twist the Boundary Wire

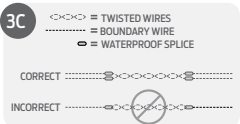
Twisting the boundary wire cancels the signal and allows your pet to cross over that area safely (3B). The signal cannot be canceled by running the wire through plastic or metal piping. Using shielded cable in place of the boundary wire will also not cancel the signal. Refer to figure (3C) for the correct method of twisting the wire. You can twist your own wire by cutting 2 equal lengths of boundary wire supplied and twisting them together. Anchor one end of the wires to something secure and insert the other end in a power drill. Pull the wire taut. The drill enables you to twist the wire quickly. Twist the boundary wire 10 to 12 times per ft. to cancel the signal. Once you have completed your boundary layout, insert the twisted wire into the transmitter.



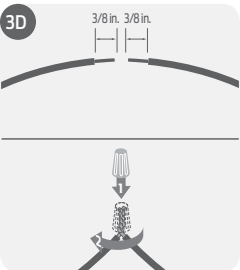
To Splice or Repair the Boundary Wire

If you need additional boundary wire to expand your wire loop, you will need to splice the wires together. Note the locations of all splices for future reference.

Strip approximately 3/8 in. of insulation off the ends of the boundary wires to be spliced (3D). Make sure the copper boundary wire is not corroded. If the boundary wire is corroded, cut it back to expose clean copper wire.



Insert the stripped ends into the wire nut and twist the wire nut around the wires. Ensure that there is no copper exposed beyond the end of the wire nut. Tie a knot 3 to 4 in. from the wire nut (3E). Ensure that the wire nut is secure on the wire splice.



Once you have securely spliced the wires together, open the lid of the gel-filled splice capsule and insert the wire nut as deeply as possible into the waterproof gel inside the capsule (3F). Snap the lid of the capsule shut (3G). For proper system performance, the splice connection must be waterproof.

If your splice pulls loose, the entire system will fail. Make sure your splice is secure. Additional gel-filled splice capsules and wire nuts are available through the Customer Care Center.



Additional Boundary Wire

Extra direct burial boundary wire can be purchased in 500 ft. spools at the store where you purchased the kit or through the Customer Care Center.

Note: When adding boundary wire, it must act as a continuous loop.

The table at right indicates the approximate length of boundary wire needed for a square Single Loop layout. Length will vary due to the amount of twisted wire and layout used.

Acres	Feet of Wire Needed
1/4	415
1/3	480
1/2	590
1	835
2	1180
5	1870

Connect the Wires to the Surge Protector and Fence Transmitter

Surge Protection

Lightning strikes that occur even several miles away from your installation can create power surges or spikes which may damage your unprotected electronic pet containment system. The surge protector included with this system is designed to protect your In-Ground Fence™ from surges or spikes that can reach it via your AC power connection and/or your buried boundary wire.

Install the Surge Protector & Connect the Wires (4A)

⚠ WARNING

- 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.
- Turn off power to outlet before you install or remove your surge protector.
- Risk of electrical shock or fire. Use surge protector only with a duplex outlet with center screw. Attach unit with long screw supplied.
- Risk of electric shock. Use the fence transmitter and surge protector indoors in dry location only.

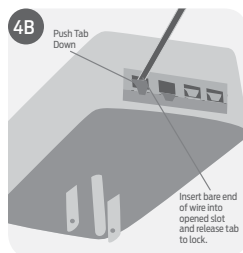
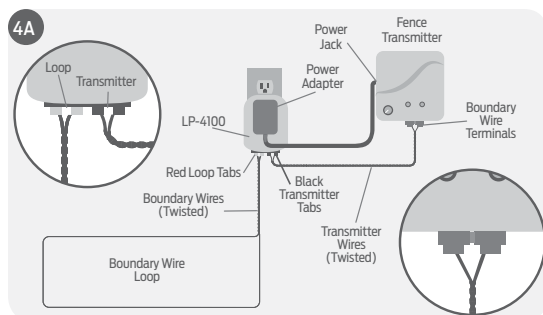
CAUTION

- Do not install the surge protector if there is not at least 30 ft. (10 m) or more of wire between the electrical outlet and electrical service panel.
- If possible, DO NOT use an AC circuit protected with a GFCI (ground fault circuit interrupter). In rare cases, nearby lightning strikes may cause the GFCI to trip. Without power your dog may be vulnerable to escape. You will have to reset the GFCI to restore power to the system.

NOTICE

- Plug the surge protector into a grounded (3-prong) outlet that is within 5 ft. of the fence transmitter. ALWAYS use a grounded (3-prong) outlet to ensure maximum protection.
- Do not remove the ground prong from the surge protector plug. Do not use a 3-prong plug to 2-prong outlet converter. Doing so will make the surge protector ineffective against surges or spikes.

1. Turn the power OFF to the outlet that the surge protector and fence transmitter will be plugged into.
2. We recommend that, if possible, use the outlet center screw that holds the cover plate in place to secure the surge protector to the outlet. To do this, tape the top of the cover plate to the wall, then remove the cover plate center screw. Plug the surge protector into the lower outlet and then secure the cover plate using the longer screw included with the protector. The screw is for mechanical attachment only and does not ground the protector. Remove the tape and turn ON the power to the outlet.
3. Run the boundary wire through a window, under a door, through a crawl space vent, or any other appropriate available access. You can also drill a hole through your wall.
4. Strip 3/8 in. of insulation from the ends of the boundary wire. Insert the stripped ends into the 2 left red connector holes on the bottom of the surge protector labeled "Loop" (4B). There should be 1 wire in each connector hole. Press the plastic tab, insert the wires and release the tab. Make sure the wires do not touch each other at the terminals.



NOTICE

Verify that the boundary loop and transmitter wires connect to the proper surge protector terminals. Reversed connections will result in an increased risk of surge related damage.

5. Determine the length of wire needed to pass from the surge protector to the fence transmitter. Measure and cut 2 lengths of wire, then strip 3/8 in. of insulation at both ends. Twist the 2 lengths together, with at least 10-12 twists per ft., so the wires will not send out a signal.
6. Insert the ends of the twisted transmitter wires into the right 2 black connectors at the bottom of the surge protector labeled "Transmitter".
7. Press the red plastic tabs on the fence transmitter and insert the opposite ends of the twisted wire into the boundary wire terminals.
8. Turn the boundary width control knob to 10. This will set the boundary width at the maximum width.
9. Plug in the transmitter power adapter to the outlet on the front of the surge protector.
10. The power light and loop indicator lights should come on. If this does not happen, see the "Troubleshooting" section.

NOTICE

For added protection, when unused for long periods of time or prior to thunderstorms, unplug from the wall outlet and disconnect the loop boundary wires. This will prevent damage to the transmitter due to surges.

Prepare the Receiver Collar

Your receiver collar comes with short contact points installed. Use the long contact points for pets with long or thick hair. Tighten the contact points using the test light tool (5A) one-half turn beyond finger tight. Check the tightness weekly.

To Insert and Remove the Receiver Collar Battery

Note: Do not install the battery while the receiver collar is on your pet.

This receiver collar utilizes a replaceable Premier Pet™ battery (GAC11-16351). This unique battery is designed to make battery replacement easier and increase water protection.

To insert the battery, align the symbols on the battery (arrow) and receiver collar (triangle) (5B). Use the edge of the test light tool (5A) to turn the battery clockwise until the arrow lines up with the lock symbol on the housing.

To remove the battery, turn the battery counter-clockwise using the edge of the test light tool (5B). DO NOT attempt to cut into or pry open the battery. Be sure to discard the used battery properly. Battery life will vary depending on how often your pet tests the system and receives a static correction. Check the receiver collar every month to ensure the battery is working properly.

If the receiver LED indicator light is flashing every 4 to 5 seconds, battery replacement is required. Remove the old battery from the receiver collar. Discharge all power by holding the correction level button down until the LED is no longer illuminated. Replace with a new battery.

A replacement Premier Pet™ battery (GAC11-16351) can be found at many retailers. Contact the Customer Care Center or visit our web site at www.premierpet.com to locate a retailer near you.

To Set the Static Correction Level

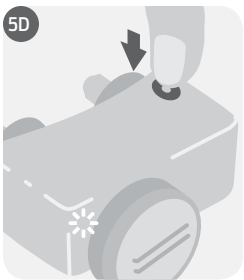
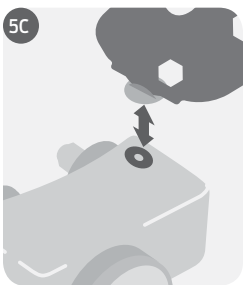
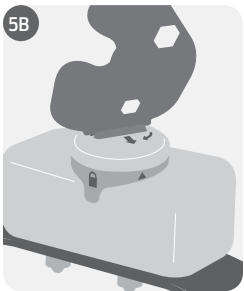
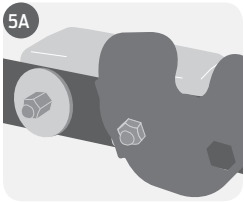
Read all steps before attempting to set the static correction Level.

1. Remove the clear plastic cover with the test light tool to expose the correction level button (5C).
2. With the battery installed, press the correction level button and release when the receiver indicator light lights up (5D).
3. The receiver indicator light will emit a series of flashes representing the static correction Level.
4. Increase the static correction Level by pressing and releasing the correction level button within 5 seconds of the previous series of flashes.
5. After setting the static correction Level, replace the cover to protect the correction level button.

The static correction levels increase in strength from 1 to 5. Pushing the correction level button while the receiver collar is on level 5 will cause the receiver collar to revert to Level 1. Refer to the Function and Response Table to choose the static correction level that best fits your pet.

The receiver collar is equipped to automatically increase the level of static correction the longer your pet remains in the static correction zone if the collar is set at level 2 or above.

The receiver LED indicator light acts as a low battery indicator, flashing every 4 to 5 seconds when replacement is required.



Static Correction Level Table

Static Correction Level	Indicator Light Response	Receiver Collar Function
1	1 Flash	No Static Correction, Tone Only
2	2 Flashes	Low Static Correction
3	3 Flashes	Medium Static Correction
4	4 Flashes	Medium High Static Correction
5	5 Flashes	High Static Correction
	Flashes once every 4 to 5 seconds	Indicates Low Battery

Anti-Linger Prevention

The anti-linger prevention feature keeps your dog from staying in the warning zone for long periods of time and draining the receiver collar battery. Your dog will hear a warning tone when he reaches the warning zone. If your dog does not return to the pet area after 2 seconds, he will receive a continuous static correction until he returns to the pet area.

Run Through Prevention

This system includes a unique “run-through” prevention so that your dog cannot escape the pet area without receiving an increased level of static correction. The receiver collar automatically increases the static correction when your dog continues more than 20% of the way through the pet fencing boundary width. For example, if the signal is detected 10 ft. from the wire and your dog enters the static correction zone, this feature is activated when he is approximately 8 ft. from the boundary wire. Your dog will then receive a static correction that is at an increased level corresponding to the static correction level setting on the receiver collar. The receiver collar is equipped to automatically increase the level of static correction the longer your pet remains in the static correction zone if the collar is set at level 2 or above. The run through prevention sound is an intermittent tone.

Over Correction Protection

In the unlikely event that your pet “freezes” in the static correction zone, this feature limits the static correction duration to a maximum of 30 seconds. While the system locks out further static correction, the warning tone will continue until the pet leaves the static correction zone.

Set the Boundary Width and Test the Receiver Collar

With the boundary wire in place and properly connected, it is time to set the pet boundary width and test the system.

CAUTION The receiver collar should NOT be on your dog when the system is tested.

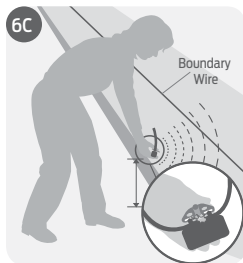
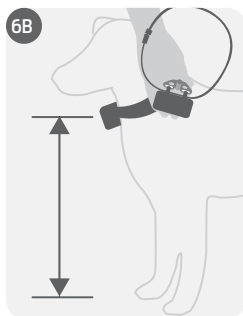
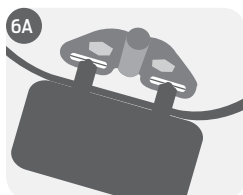
Note: The receiver collar is waterproof, which can make the tone hard to hear.

The flashing test light when held to the contact points indicates the receiver collar is delivering static correction. To best utilize the automatic run-through prevention feature, the containment boundary width should extend at least 6 to 10 ft. on each side of the boundary wire (total boundary width of 12 to 20 ft.).

1. Apply power to the fence transmitter with the supplied power adapter.
2. The boundary width is adjusted using the transmitter's boundary width control knob. Turn the knob counter clockwise until the loop indicator light is no longer lit. Turn the knob clockwise and increase by 2 numbers. The light should turn ON.

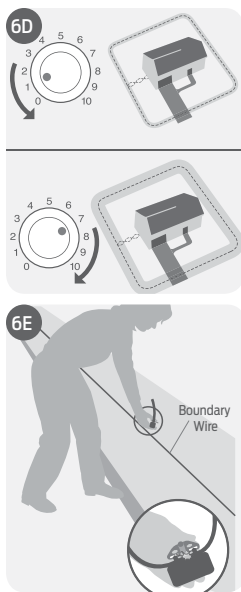
CAUTION The receiver collar should not be on your dog when the system is tested. Your pet may receive an unintended correction.

3. Place battery in receiver collar. To identify the warning and static correction zones make sure the receiver collar is set at level 5.
4. Test the boundary width of the system by selecting a section of straight boundary wire that is at least 50 ft. long. Start inside the center of the containment field.
5. Place the test light tool contacts on the contact points on the receiver collar (6A). Hold the receiver collar at your dog's neck height with the contact points pointing up (6B) and the correction level button facing the boundary wire. Slowly walk toward the boundary wire until you hear the warning tone (6C). When you hear the warning tone, you have identified the boundary width distance (static correction zone). 2 seconds after the warning tone, the test light will begin to flash. This flashing light can aid you in identifying the boundary width should you have difficulty hearing the tone. To avoid having the receiver collar go into over correction protection mode, walk back into the pet area until the toning stops. If the receiver collar does not tone at the desired range, adjust the boundary width control knob to obtain the desired range.



Turning the boundary width control knob clockwise increases the boundary width while turning it counterclockwise decreases it (6D). Repeat this activity as needed until the receiver collar tones between 6 to 10 ft. from the boundary wire. If using a double loop layout, you may need to increase the separation of the boundary wire and/or increase the size of the boundary width to achieve the desired range.

6. Test in a number of different locations around the containment area until you are satisfied that the system is functioning properly.
7. Next, walk all around the pet area to ensure there are no areas where the receiver collar may activate from signals coupled onto buried wires or cables. As mentioned, cable and wires from cable TV, electrical or telephone lines may conduct pet fencing signals inside and outside the house that can activate the dog's collar accidentally. While rare, if this occurs your boundary wire is probably too close to these outside lines and should be moved or modified as shown in Figure 3A.
8. To test the run-through prevention feature, walk towards the boundary wire. The receiver collar should tone and the test light should flash brighter as you enter the run-through area (6E). If you are satisfied that your system is functioning properly, you are ready to start burying the boundary wire. If the receiver collar did not tone or the test light did not flash, see the "Troubleshooting" section.



Install the Boundary Wire

To Bury the Boundary Wire

NOTICE Before you begin installing the boundary wire, unplug the fence transmitter power adapter from the outlet.

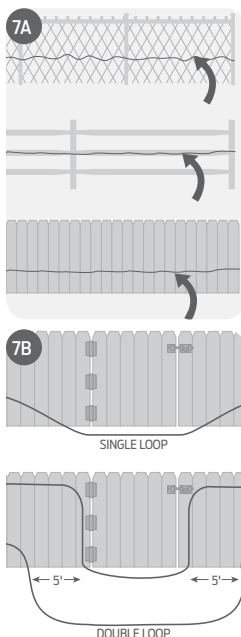
Burying the boundary wire is recommended to protect it and prevent disabling the system.

1. Cut a trench 1–3 in. deep along your planned boundary.
2. Place the boundary wire into the trench maintaining some slack to allow it to expand and contract with temperature variations.
3. Use a blunt tool such as a wooden paint stick to push the boundary wire into the trench. Be careful not to damage the boundary wire.

To Attach the Boundary Wire to an Existing Fence

The boundary wire of the Premier Pet™ In-Ground Fence™ system can be attached to a chain link fence, split rail fence, or a wooden privacy fence. The boundary wire can be attached as high as needed. However, make sure the boundary width is set at a high enough range for the pet to receive the signal. If using a double loop with an existing fence at least 5 ft. tall, run the boundary wire on top of the fence and return it on the bottom of the fence to get the 3 to 5 ft. separation needed.

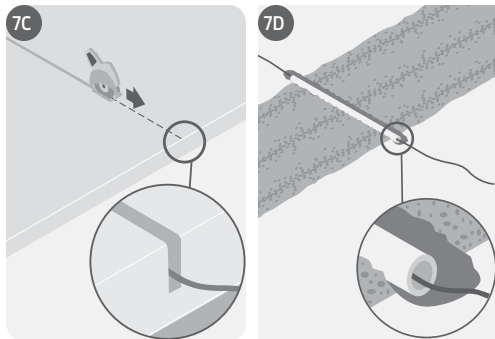
- **Chain Link Fence (7A):** Weave boundary wire through the links or use plastic quick ties.
- **Wooden Split Rail or Privacy Fence (7A):** Use staples to attach boundary wire. Avoid puncturing the insulation of the boundary wire.
- **Double Loop with an Existing Fence:** Run the boundary wire on top of the fence and return it on the bottom of the fence to get the 3 to 5 ft. separation needed.
- **Gate (Single Loop) (7B):** Bury the boundary wire in the ground across the gate opening. *Note: The signal is still active across the gate. Your pet cannot pass through an open gate.*
- **Gate (Double Loop) (7B):** Bury both boundary wires across the gate opening while keeping them at least 5 ft. apart.



To Cross Hard Surfaces (driveways, sidewalks, etc.)

⚠ WARNING Follow all safety instructions for your power tools. Be sure to always wear your safety goggles.

- Concrete Driveway or Sidewalk (**7C**): Place the boundary wire in a convenient expansion joint or create a groove using a circular saw and masonry blade. Place the boundary wire in the groove and cover with an appropriate waterproofing compound. For best results, brush away dirt or other debris before patching.
- Gravel or Dirt Driveway (**7D**): Place the boundary wire in a PVC pipe or water hose to protect the boundary wire before burying



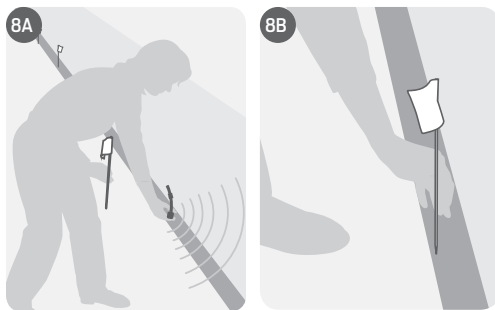
Place the Boundary Flags

The boundary flags are visual reminders for your pet of where the warning zone is located.

- Place the test light contacts on the contact points and hold the receiver collar at your pet's neck height.
- Walk towards the warning zone until the receiver collar beeps (**8A**).
- Place a boundary flag in the ground (**8B**).
- Walk back into the pet area until the beeping stops.
- Repeat this process around the warning zone until it is marked with boundary flags every 10 ft.

Note: If you cannot hear the beep, see the test light instructions.

NOTICE To prevent an unintended correction, after the boundary flags have been placed, be sure to set the static correction on the receiver collar back to level 1 Tone only.



Fit the Receiver Collar

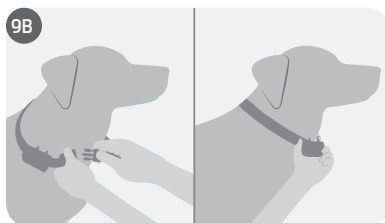
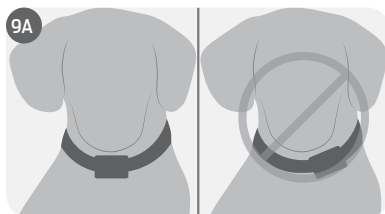
Important: The proper fit and placement of your receiver collar is important for effective training. The contact points must have direct contact with your pet's skin on the underside of his neck.

CAUTION Please read and follow the instructions in this manual. Proper fit of the collar is important. A 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 bed sores.

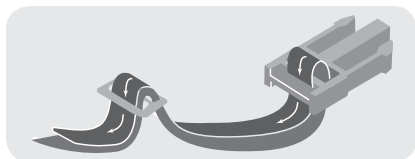
To assure a proper fit, please follow these steps:

- Make sure that the battery is not installed in the receiver collar.
- Start with your pet standing comfortably.
- Place the receiver collar on your pet so that the Premier Pet™ logo is facing your pet's chin.

4. Center the contact points underneath your pet's neck, touching the skin. If your pet has a long or thick coat, use the enclosed long contact points to reach through the hair. Note: It is sometimes necessary to trim the hair around the contact points to make sure that contact is consistent.
5. The receiver collar should fit snugly, yet loose enough to allow one finger to fit between a contact point and your pet's neck **(9A)**.
6. Allow your pet to wear the collar for several minutes then recheck the fit. Check the fit again as your pet becomes more comfortable with the receiver collar.
7. Once you are satisfied with the fit of the receiver collar, then you may trim any excess collar strap as follows **(9B)**:
 - A. Mark the desired length of the receiver collar with a pen. Allow for growth if your pet is young or grows a thick winter coat.
 - B. Remove the receiver collar from your pet and cut off the excess.
 - C. Before placing the receiver collar back onto your pet, seal the edge of the cut collar by applying a flame along the frayed edge.



To Re-Thread the Collar



Training Guide

- Proper training of your pet is essential to the success of the system.
- Remove the collar after each training session.
- Be sure to place the collar on your dog's neck with the Premier Pet® logo facing up.
- If your pet shows signs of stress, slow down the training schedule, add additional days of training or increase the amount of play time with your pet in the pet area. Common stress signals include the pet pulling on the leash toward the house, ears tucked or pulled back, tail down or tucked between legs, body lowered, nervous/frantic movement or stiffening of the pet's body, lip-licking or yawning.

Day 1

For the first day, start with the collar set to level 1, tone-only. With your pet on a leash and his favorite treats on hand, allow him to explore the pet area. Let him cross the boundary and hear the tone from the collar, then ask him to come back into the pet area and reward him. Aim to teach your dog that being inside the pet area is rewarding, while being outside it is not. Keep your mood upbeat as dogs can understand when you are happy or upset. Do 2 or 3 training sessions for about 10-15 minutes each. Do not try to do too much too quickly. More frequent short sessions are better than less frequent, longer sessions.

Days 2–4

On days 2 through 4, repeat this process but with the collar set to level 2: the mildest level of static correction. Observe whether or not your dog responds to the shock. Indicators of a response are looking around in curiosity, flicking his ears or scratching at the collar. If he does not respond, check the collar fit to make sure the contact points are making contact with his skin. If it fits correctly and your dog does not respond, move up to the next level and repeat the process. Do 2 or 3 training sessions for about 10-15 minutes each.

Days 5–8

On days 5 through 8, continue where you left off on day 4, but now add in some staged distractions. The goal is to have your pet stay within the boundary even with these new temptations. Start with lower value temptations and work your way up. Some examples are:

- Have a family member cross from inside the boundary out of it.
- Place a toy outside the boundary.
- Have a friend or neighbor walk another pet outside the boundary area.
- Remember, it is important to keep your pet on a leash throughout this process while he is still learning the boundary. Also, never coax your pet to leave the pet area.

Days 9–30

Once your pet consistently avoids the boundary regardless of distractions or temptations, he is ready for the next step: unleashed supervision. Stay close by with a leash at hand. Play with your pet for a while during the first few sessions. If your dog does not try to leave the boundary, occupy yourself with another task in the yard, and allow him to freely explore. Continue watching your pet. If he escapes, remove the receiver collar and lead him back into the pet area. Start these sessions at about 15 minutes and gradually work up to an hour or more.

When your pet proves trustworthy, you can let him out on his own. Continue to check on him regularly. You can remove every other boundary flag every 4 days until all the flags are removed. Save them in case you move or need to train another pet.

TROUBLESHOOTING

The receiver collar is not beeping or correcting.	<ul style="list-style-type: none"> • Check battery to make sure it is installed properly. • Check that both lights are lit on the fence transmitter. If not, perform the "System Test."
The receiver collar is beeping, but the pet is not responding to the static correction.	<ul style="list-style-type: none"> • Test the receiver collar with the test light walking toward the boundary wire. • If the test light flashes, check the fit of the receiver collar. • Trim your pet's fur where the contact points touch the neck and/or switch to the longer contact points. • Increase static correction level. • Repeat training steps to reinforce training. • Purchase a stronger receiver collar by contacting the Customer Care Center.
The receiver collar has to be held on top of the boundary wire to activate.	<ul style="list-style-type: none"> • Replace battery. • Adjust boundary width control knob clockwise to increase the distance from the boundary wire that the receiver collar activates. • If using a double loop, make sure boundary wires are separated at least 5 ft. • If the receiver collar still has to be held on top of the boundary wire, perform the "System Test."
The receiver collar activates inside the house.	<ul style="list-style-type: none"> • Turn the boundary width control knob counterclockwise to decrease the distance from the boundary wire that the receiver collar activates. • Make sure the boundary wire is not running too close to the house. The signal can transmit through the walls of your house. • Make sure boundary wires are twisted from Boundary to the fence transmitter.
The receiver LED indicator light is flashing every 4 to 5 seconds and I have just installed a new battery.	<ul style="list-style-type: none"> • To reset the low battery indicator, remove the battery from the receiver collar. Discharge all power by holding the correction level button down until the LED is no longer illuminated. Reinstall battery.
I have an inconsistent signal.	<ul style="list-style-type: none"> • Make sure fence transmitter is at least 3 ft. from large metal objects or appliances. • Make sure all boundary wire turns are gradual with a minimum 3-ft. radius. • Make sure the boundary wire is not running parallel to and within 10 ft. of electrical wires, neighboring containment systems, telephone wires, television or antenna cables, or satellite dishes. • If a neighboring containment system may be causing an inconsistent signal, move the boundary wire farther away from the neighboring containment system.
The power and loop indicator lights are off.	<ul style="list-style-type: none"> • Check that the power adapter is plugged into the fence transmitter. • Check that the power adapter is plugged in properly. • If the system is plugged into a GFCI or RCD outlet, check to see if the circuit has been tripped. Reset the GFCI or RCD circuit if required. • Verify that the outlet is working properly by plugging in a known working item such as a radio. • Try plugging into another 120-volt outlet. • If the lights still do not come on, the fence transmitter and/or power adapter needs to be replaced. Contact the Customer Care Center. • If a surge protector is installed, unplug the surge protector and plug the power adapter directly into the outlet. If the transmitter operates without the surge protector, contact the Customer Care Center for a replacement surge protector.

TROUBLESHOOTING

The power light is on, the loop indicator light is off.

- Check boundary wire connections at the fence transmitter for proper connection.
- Check for broken or damaged boundary wires at outside entry to the house.
- Perform the system test to determine if the fence transmitter or surge protector needs to be replaced.
- If the fence transmitter is functioning properly, you have a break in your boundary wire. See the "Wire Break Location Test" section in this guide.

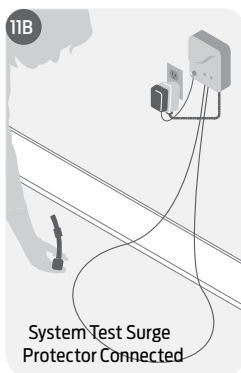
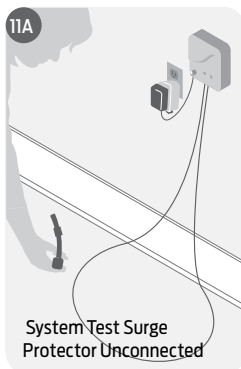
Additional Information

- Test the receiver collar at least once a month to verify that it is functioning properly. Check that it activates at the boundary wire. Battery life depends upon how often the receiver collar is activated.
- Remove the receiver collar from your pet when indoors for the comfort of your pet.

System Test

The system test is used to determine the cause of system problems that have not been addressed elsewhere in this guide. You will need a piece of boundary wire greater than 15 ft. long with 3/8 in. of insulation removed from each end to use as a test loop wire. Make a note of your boundary width control knob setting, and receiver collar setting before beginning the system test. Follow the steps below to perform the system test:

1. Remove the receiver collar from your dog and make sure a good battery is installed in the receiver.
2. Set the receiver collar static correction Level to 5.
3. Disconnect the twisted boundary wire from the boundary wire terminals on the fence transmitter by pressing the red release levers on the connector and pulling the wires free (**11A**).
4. Insert the 2 ends of the test loop wire into the boundary wire Terminals on the transmitter.
5. Turn the boundary width control knob to 10 and then back to 5.
6. Place the test light tool contacts on the contact points of the receiver collar. While holding the receiver collar with the test light tool in place, approach the wire from the outside loop 2 in. off the ground. Make a mental note of the distance where the receiver collar activates from the wire.
7. Turn the boundary width control knob to 10 and repeat Step 6. The distance where the receiver collar activates should be greater than the previous result.
8. If more than one receiver collar is used on the system, repeat the above test on each collar.
9. Interpreting the Results:
 - A. If the power light or the loop indicator light are not both lit on the fence transmitter for any of the above tests, there is a problem with the transmitter. Contact the Customer Care Center.
 - B. If both the power and loop indicator lights are on, but the receiver collar does not activate on the test loop wire, the receiver collar is not working. Contact the Customer Care Center.
 - C. If the transmitter power and loop indicator lights are on and the receiver collar is activating at different distances on the test loop wire, the problem is most likely in the containment boundary wire or surge protector. Reconnect the transmitter wires to the surge protector and connect the Test Loop to the surge protector loop terminals. Repeat steps (5-8) (**11B**).
10. Interpreting the Results with the surge protector:
 - A. If both the power and loop indicator lights are ON and the receiver collar is activating at different distances on the test loop wire, the problem is in the containment boundary wire. Perform the Wire Break Location Test.
 - B. If the Loop indicator light is OFF there is a problem with the surge protector. Contact the Customer Care Center.



11. When testing is complete reconnect and verify that the boundary wire is plugged into the Loop Terminals on the surge protector and the transmitter is connected to the surge protector.
12. Return the boundary width control knob setting to the position noted earlier.
13. Repeat the boundary width testing from Step 6 on Page 16 until you achieve the desired boundary width between 12 to 20 ft.

Wire Break Location Test

The following lists identify the common locations where wire breaks occur. Please inspect these areas for signs of damage. Wire breaks in the twisted pair are commonly found:

1. At the wire exit point of the house
2. Where the twisted pair of wire enters the ground from the house, usually caused by string trimmers
3. Where the wires cross sidewalks or driveways due to edging and string trimmers
4. Around landscaping and flower beds due to digging or working up the soil

Wire breaks in the boundary wire are commonly found:

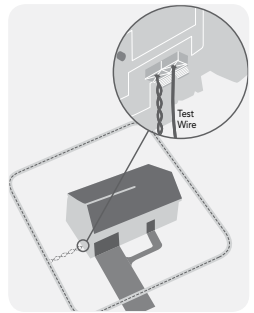
1. In aerated lawns
2. Where the wires cross sidewalks or driveways due to edging and string trimmers
3. Around landscaping and flower beds due to digging or working up the soil
4. At wire splices where Gel-filled capsules have not been installed
5. At wire splices without reinforcements knots (refer to Figure 3E)

If you still cannot find the break in the boundary wire, there are 2 options for locating it:

Option 1: It is recommended to contact the Customer Care Center to purchase a Wire Break Locator (RFA-450).

Option 2: Follow the procedure below:

1. Unplug the fence transmitter.
2. Connect both ends of your twisted boundary wire to one Loop Terminal on the surge protector.
3. Measure and cut a Test Wire which is half the length of your total boundary wire footage.
4. Connect one end of Test Wire to the other Loop Terminal on the surge protector.
5. Locate the halfway point of your boundary and cut the boundary wire.
6. Splice the other end of the Test Wire to either side of your boundary wire where you cut it in half.
7. Plug in the fence transmitter and check the loop indicator light. If the loop indicator light is ON, you can assume the break is in the other half of the boundary wire.
8. If the loop indicator light did not come on, you may assume there is a break in this portion of the boundary wire. However, there is a small chance of having more than one break in your system. Be sure to check both halves of your entire loop.
9. Replace the damaged boundary wire with new boundary wire.
10. Reconnect the boundary wire to the surge protector.
11. Check the loop indicator light. If the loop indicator light is ON, test the system with the receiver collar.



Terms of Use and Limitation of Liability

1. **Terms of Use**

This Product is offered to you conditioned upon your acceptance without modification of the terms, conditions and notices contained herein. Usage of this Product implies acceptance of all such terms, conditions, and notices.

2. **Proper Use**

This Product is designed for use with pets where training is desired. The specific temperament of your pet may not work with this Product. If you are unsure whether this is appropriate for your pet, please consult your veterinarian or certified trainer.

3. **No Unlawful or Prohibited Use**

This Product is designed for use with pets only. This pet training device is not intended to harm, injure or provoke. Using this Product in a way that is not intended could result in violation of Federal, State or local laws.

4. **Limitation of Liability**

In no event shall Radio Systems Corporation be liable for any direct, indirect, punitive, incidental, special or consequential damages, or any damages whatsoever arising out of or connected with the use or misuse of this Product. Buyer assumes all risks and liability from the use of this Product.

5. **Modification of Terms and Conditions**

Radio Systems Corporation reserves the right to change the terms, conditions and notices under which this Product is offered.

Warranty

One Year Non-Transferrable Limited Warranty

This Product has the benefit of a limited manufacturer's warranty. Complete details of the warranty applicable to this Product and its terms can be found at premierpet.com.

Perchlorate Battery

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



Battery Disposal

Separate collection of spent batteries is required in many regions; check the regulations in your area before discarding spent batteries. The collar receiver operates on a 6-volt lithium coin cell battery. Replace only with equivalent battery available from the Customer Care Center. For a listing of Customer Care Center telephone numbers in your area, visit www.premierpet.com.

Compliance FCC

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.

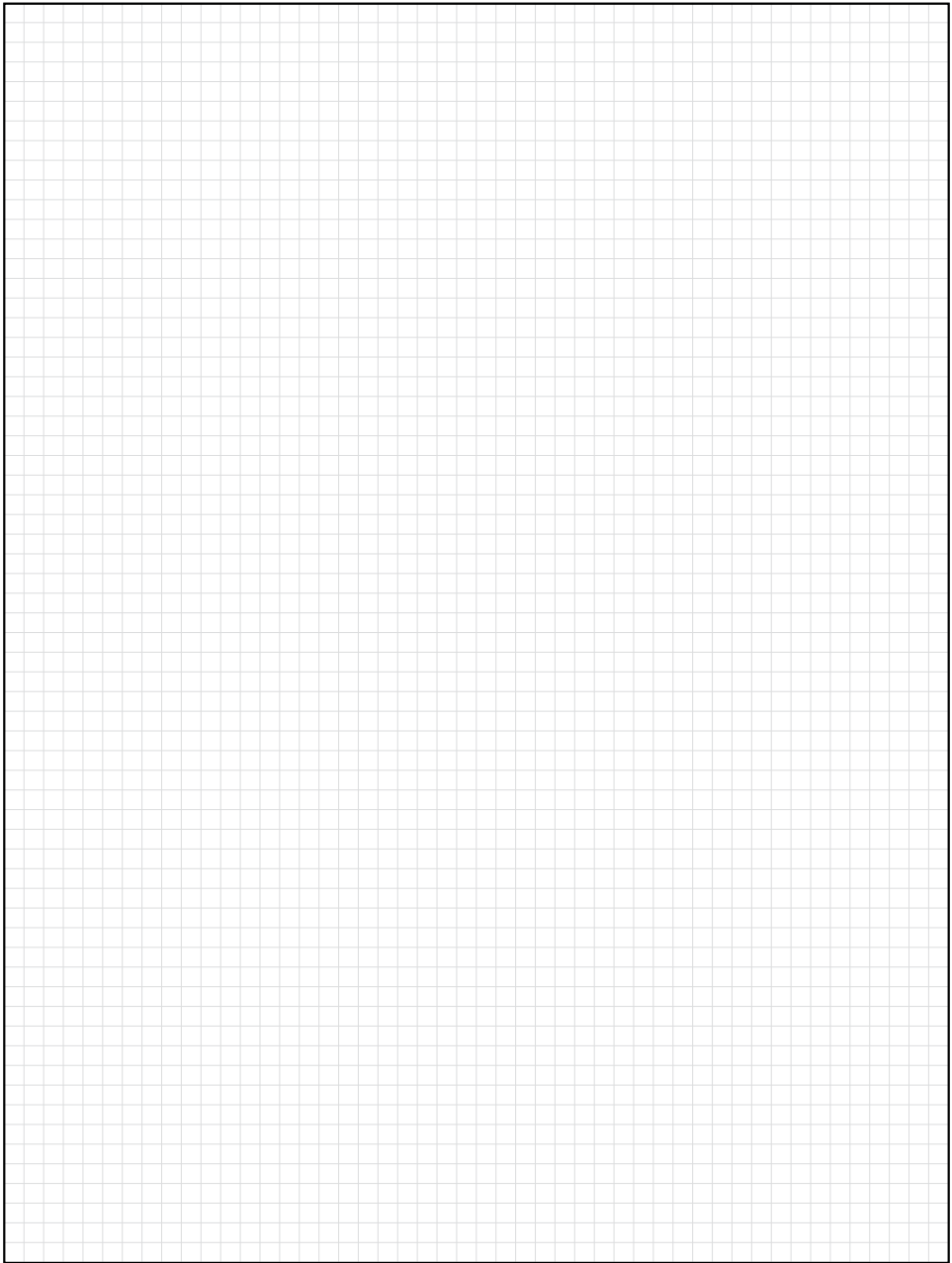
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate 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.

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

For a list of patents protecting this product, please visit: <http://www.radiosystemscorporation.com/patents>

Layout Grid



Mounting Template

