



## Line Guard for Triplex Installation Instructions

**NOTE:** The Line Guard for Triplex version of Line Guard is for secondary, overhead service entrance conductors with Triplex service. If you have a single conductor, you can use either Triplex version or the standard Line Guard version. The Triplex version has supplied pre-cut rollers for larger cable diameters as well as optional hot line c-clamps for installation on energized lines.

Thank you for your purchase of Line Guard, from Critter Guard. Line Guard prevents “critters” from gaining access to critical pole mounted equipment, roofs, attics, and substations via overhead cables and power lines.

Average installation time is approximately 15 minutes per cable or conductor. Line Guard is designed to provide years of worry-free protection if these installation instructions are followed.

### SAFETY PRECAUTION:

For overhead power line applications, **Critter Guard recommends this product be installed by qualified power line technicians. It is not required to de-power the line when using the Line Guard for Triplex product.** Assure the conductor is properly insulated and not showing signs of wear or degradation. For Substation applications, position one end of the Line Guard approximately 5 feet outside the substation fence. For other installations, position one end of the Line Guard approximately 2 feet from the power pole or vertical structure (i.e., building). **DO NOT TOUCH LIVE TERMINALS. Wear appropriate insulated gloves and/or use insulated tools.**

### IMPORTANT NOTES:

**Make sure all rollers spin freely and independently** of each other, but do not leave space between adjacent rollers on the line/conductor.

Rollers will not separate (without manual intervention) once they are snapped together. **Do not snap both halves together until ready to install** over the line/conductor.

Installation time can be decreased by snapping one side of each roller together on the ground.

The wheel is designed to snap onto tabs on the outside (end) rollers, so the wheel spins in unison with this roller. **To prevent separation of the wheel from the roller,** use one cable tie to secure the split wheel after snapping onto the roller.



***Line Guard for Triplex Installation***

**STEP 1:** Confirm either LG201-T-1pk-HLC kit or LG201-T-1pk kit:

- 2 Jump-Barrier Wheels 12" diameter
- 2 Sets of Standard Fasteners (for the LG 201-T-1pk kit) or
- 2 Large C-clamps with eye-bolts (for the LG 201-T-1pk-HLC kit)
- 4 Stainless Steel cable ties.
- 10 Roller halves with large cut-back neck openings.

**STEP 2:** Verify the service of the line/conductor where Line Guard is to be installed. This version is used for Triplex cable bundles < 1.5" total diameter.

**STEP 3:** Rollers are pre-cut at Critter Guard allow for larger cable bundles. It is important for each roller to spin freely around the conductor. Prior to install, test the opening size to confirm the roller is going to spin freely.

**STEP 4:**

If using the **HLC option**, position one C-Clamp at one end of desired installation and secure to the line so it doesn't slide on the line due to gravity.

If using the **standard fastener option**, position one L-Bracket at the end of the desired installation and secure with cable ties or hose clamps.

**STEP 5:** Snap two roller halves together around the conductor. The rollers mate only one way. There are 4 snaps on each side of the roller halves. To begin, only snap one side of the roller halves together to form a clamshell. Then position clamshell over the line/conductor, and snap the other side tight. Repeat for all 5 rollers. *Note: If you have cut back the roller halves to form larger openings, you will only have two remaining snaps on each side. This is OK, and will not affect the integrity of the product.*

**STEP 6:** While assembling the first roller on the line and the last roller on the line, spread apart the 12" wheel to fit over the end rollers and the 4 snaps on the end so the wheel and roller spin together. Then secure the split wheels with a cable tie at the base of the wheel.

**STEP 7: If using the HLC option,** gently push Line Guard rollers down the line until it fits against the first installed C-clamp. Now secure the final C-clamp on the other end in the same way as the first C-clamp.

**If using the standard fastener option,** push all installed rollers and wheels against the first L-Bracket, and then secure the final L-Bracket on the other end of the installed system.

This completes the installation of Line Guard for Triplex.