

Congratulations on your purchase of The Corn Bank!

You've taken the first step to preventing the loss of deer corn.



Parts included:

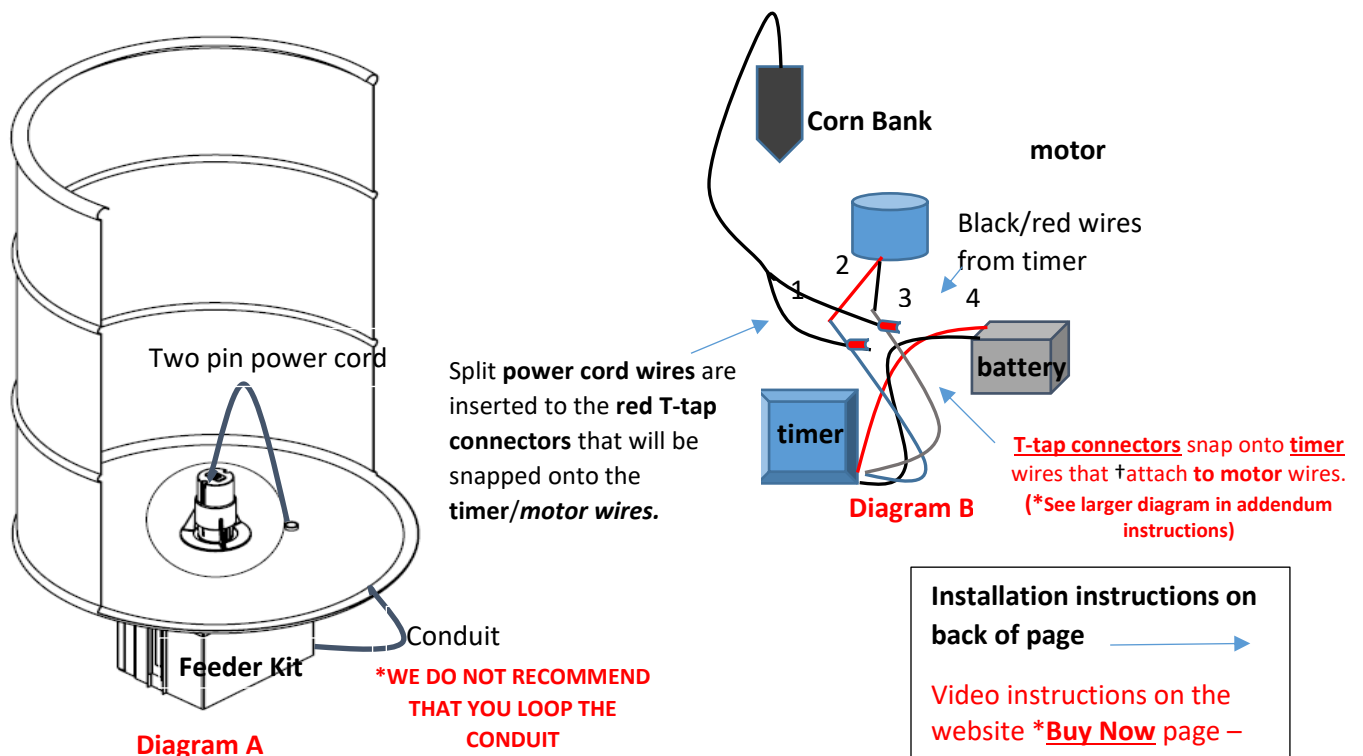
- Corn Bank unit
- Spliced power cord and T-Tap connectors
- 3/8" Conduit with connector screws
- Unit base template*for optional screw installation

Other parts/equipment needed, but not included:

- 12V or 6V Battery – required
 - **Note: if your unit has a 12V sticker it will only work with a 12V battery. Only the new 6V unit works with both 12V or 6V batteries.**
- Solar Panel – optional, but highly recommended to prevent interruption of operational unit

Suggested additional tools/materials for installation:

- power drill with conical drill bit to drill hole in barrel and feeder kit box
- *Self-tap screws (optional) for attaching unit to plastic feeders or cones. **Strong neodymium magnets should hold the unit in place otherwise.**



***WE DO NOT RECOMMEND THAT YOU LOOP THE CONDUIT**

***See diagram in addendum instructions**

Installation instructions on back of page →

Video instructions on the website *Buy Now page – below the price. Also on Facebook/YouTube

US Patent #9,722,730

†Instructions for installation:

1. Use a 7/8” conical drill bit to drill a hole at the **bottom of the barrel feeder** (attach the conduit connector screws and conduit in a later step).
2. **Make sure conduit reaches, then** Drill another hole **into the feeder kit box**; we recommend running straight down from bottom of feeder to top of control kit for best results.
3. Pull split end of the cornbank power cord all the way through the conduit and **run it through into the feeder kit**. (Diagram A) **See also addendum instructions with larger visual diagram.**
4. Attach the end of conduit with the connector screw where you drilled the hole at the barrel end and tighten the clamp.
5. Attach the other end of the conduit to the control kit using the ring nut and the conduit connector screw.
6. Connect the **two pin end** (plug) of the power cord **to the top of your corn bank attachment**. (Diagram A)
7. Install your Corn Bank Feeder attachment inside the feeder by **positioning it over the opening** that feeds corn to the spin plate. **Note: Neodymium magnets hold unit in place for metal feeders, or you can use self-tap screws if you prefer, or if you have a plastic feeder.**
8. †Snap the included **red T-Tap connectors onto the timer wires that lead to/connect to the †motor wires** and then insert the flat ¹**ends of the power cord** to the t-tap connectors. **See addendum instructions.**
9. Connect the ² **motor wires** to the ³ **timer wires** as usual (may be blue and white, but not always). (Diagram B)
10. Connect the other set of ⁴**timer wires** that come out of the side of the timer to the 12V or 6V battery. (Diagram B)
11. † **For video instructions on how to install your corn bank visit www.thecornbank.com (Buy Now page – under price) or on YouTube – 12V install demo - Be sure to LIKE and SHARE on FB - Happy Hunting!**

Troubleshooting:

If at any time your unit fails to operate (open/close) chances are there is an issue with the wiring.

Issue	Possible cause	Resolution
Unit fails to open/lift completely	Low battery Spinner RPM set too low on timer 2 pin power cord loose on top	Check battery charge level Check that solar panel is receiving proper sunlight Set RPM on timer higher Check 2 pin connector on top of unit
Unit fails to open/lift completely	Loose wires/faulty timer Power cord may have come loose on top of unit	Check all wires for proper connection, including solar panel/power cord on top Test run and check timer to see it goes off at scheduled time
Unit sounds as if it opens but corn does not come out	Unit may have moved from proper position	Check for proper position of unit and adjust if necessary
Unit moves out of place frequently	Feeder may have begun to rust out and is losing magnetic properties	Use screws to fasten unit to bottom of feeder
Unit stays open all the time and closes when timer activates	Wires from the unit are incorrectly connected to the wires that are going to battery	Make sure you connect unit wires to the Timer/motor wires – not battery wires

If unit fails to operate for any reason, avoid testing the unit in excess of 5 or more times in succession or prying parts with any object as this may cause the unit to overheat or jam and result in irreversible damage to The Corn Bank and void the warranty. †Failure to install as instructed could result in voided warranty.**

US Patent #9,722,730