

THUNDER 7000

POWER TARP SYSTEM



THUNDER POWER TARP 7000 OPERATION INSTRUCTIONS



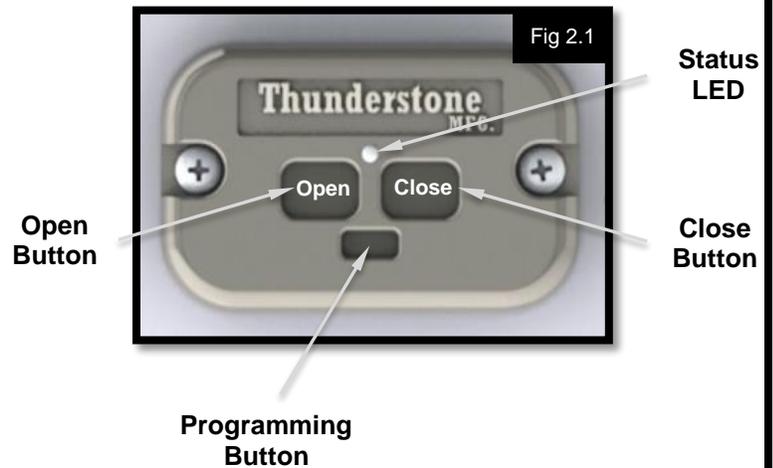
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USE THE PROCEDURES BELOW TO OPERATE THE TARP SYSTEM

Powering up or down the system

- To turn the system on or off, locate the **Open** and **Close** buttons on the keypad controller on the front of the trailer. Press and hold both buttons simultaneously for approximately 3 seconds. The LED status light and the two large buttons will illuminate when the power is on and ready for operation. You can also press and hold the **TARP OPEN** and **TARP CLOSE** buttons on the remote for 3 – 5 seconds to power the system on or off. See next page for programming instructions.



One Touch Operation - The one touch function is fully automated. The system will stop when fully opened or closed.

- To open or close the tarp using the one touch operation feature, press and hold the desired directional button on the keypad or remote for 1 – 1 ½ seconds until the keypad status light turns solid green. Release the button and the keypad status light will start flashing green indicating one touch operation. The tarp will travel in that direction automatically and stop when it is fully open or closed.

Incremental Operation

- To inch the tarp in either direction, press then release the desired directional button on the keypad or remote for less than 1 – 1 ½ seconds intermittently to move the tarp in that direction.

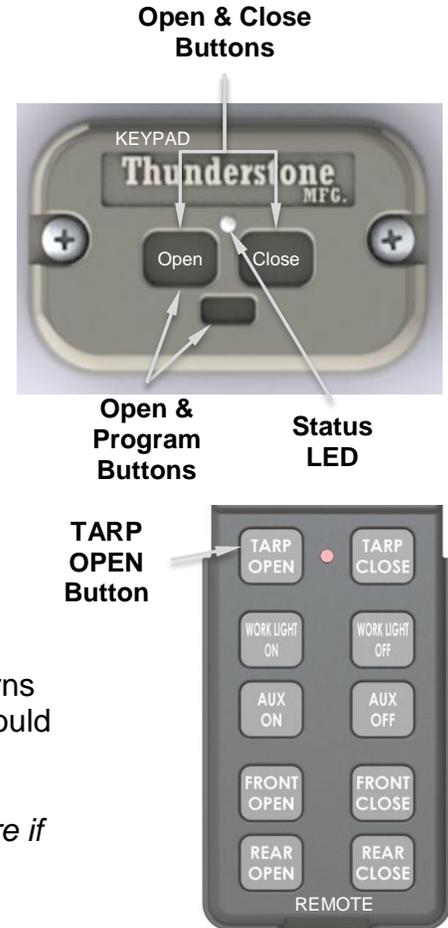
Press and Hold operation

- To open or close the tarp using the press and hold feature, press and hold the desired directional button on the keypad or remote for more than 2 ½ seconds or until the keypad status light turns from solid green to solid white. The tarp will travel in that direction until you release the button.

Never travel with the tarp in a partially covered position. The trailer should always be covered when traveling.

PROGRAMMING REMOTE

1. Power on the keypad controller on the front of the trailer by holding the **Open** and **Close** buttons on the keypad simultaneously for 5 seconds or until the white light illuminates to indicate the system is active.
2. Open the lid on the flip style remote and observe the buttons illuminate indicating the remote is active.
3. Repeat step 2 for each remote to be programmed. Up to four remotes can be programmed. Have all remotes ready for steps 4 & 5. *Ignore if only one remote is to be programmed.*
4. Press and hold the small **Program & Open** buttons on the keypad mounted on the trailer simultaneously until the light turns green. Release the buttons which will cause the status LED to quickly flash red/orange.
5. Press and hold the **TARP OPEN** button on the remote for 2 seconds OR until the red/orange flashing light momentarily turns white on the keypad, then release the button. Keypad light should then continue blinking red/orange.
6. Repeat step 6 for up to four remotes to be programmed. *Ignore if only programming one remote.*
7. Once all remotes are programmed press and release the program button to exit programming mode or keypad will also time-out after 10 seconds.
8. The keypad status LED will blink twice red indicating the remote(s) have been saved to memory.
If above steps do not result in the remote being programmed, unplug the trailer from power, wait 15 seconds, replug power, then repeat the programming steps.



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.

This device complies with Industry Canada licence-exempt RSS-xxx standard. Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

MANUAL OPERATION

Your Thunder Electric Tarp System should operate smoothly and provide years of service. In the unlikely event that an issue arises, please follow these instructions to manually open and close the tarp system.

1. Remove the motor shaft drive nut and bolt assembly from the roll tube axle. See figure 4.1. **Note: Save the nut and bolt. If drive bolt will not come out due to excess tension from the drive motor, disconnect the motor leads and use jumper cables from a battery source to drive the motor in a direction that removes this tension.**
2. Remove the manual tarp crank handle from the crank handle retainer on the side of the trailer as seen in figure 4.2.
3. Locate the spline on the tarp roll tube, rear of the trailer seen in figure 4.3.
4. Slide the tarp crank handle universal joint and roll tube drive spline together (rear of trailer) by pushing the universal joint in-place until fully engaged with the roll tube spline. See figure 4.4.
5. Roll the tarp open and closed with the crank handle.
6. When finished, return the handle to the tarp crank handle retainer on the side of the trailer for storage and/or transport.

CAUTION: *The front and rear arms are spring loaded and can shift when the bolts are removed. Use an OSHA approved work platform when performing any maintenance on the motor or arms.*

Do not travel with the motor disengaged from the roll-tube as the motor may slide off and cause the arm to fall, causing trailer or tarp system damage. It is recommended that the motor and arm assembly be secured to the front ladder assembly with a bungee cord if the trailer must travel while tarp system is disengaged.

