



# Arctic Tern Manual & Electric Roof Hatch Operation Guide

Thank you for purchasing an Arctic Tern Roof Hatch from Tern Overland! We hope you have a great experience with the Roof Hatch for years to come. Here are some tips and guidance. Please review before operating.

## MANUAL HATCH:

1. The manual hatch incorporates an audible alarm at the full open and full closed positions. This is to prevent over torquing the mechanism and causing permanent damage. To close the hatch, the alarm will sound 10 to 15 degrees before the handle is aligned with the locking slot. Continue turning that additional 10 to 15 degrees, and fold the handle into the locked position. This ensures that the locking pawls are fully engaged.
2. The LEDS are operated by a separate switch, simple on / off
3. The shell of the hatch is ABS and the dome is acrylic. Only use cleaners and polishes compatible with these materials. We recommend Novus products, which can be purchased from Tern Overland.
4. It is recommended to remove snow from the hatch before opening to avoid over stressing the opening mechanism
5. The hatch should always be closed completely before the vehicle is moved.

## ELECTRIC HATCH:

1. The electric hatch stops automatically at the full open and full closed positions. The hatch may also be stopped at any point by simply releasing the switch. When closing the hatch, be sure to hold the button until the hatch has fully stopped. This will ensure the locking pawl has engaged.
2. The LEDS are operated by a separate switch, simple on / off
3. The shell of the hatch is ABS and the dome is acrylic. Only use cleaners and polishes compatible with these materials. We recommend Novus products, which can be purchased from Tern Overland.
4. It is recommended to remove snow from the hatch before opening to avoid over stressing the opening mechanism
5. The hatch should always be closed completely before the vehicle is moved.
6. An emergency crank is supplied. In the unlikely event that the motor fails, the emergency crank may be used to close the hatch. Follow this procedure. Cut the power to the hatch. Remove the switch cover to gain access to the drive gear box. Push and hold the white motor release button indicated in the photo in Figure 9. Insert the emergency crank into the white drive socket just off the end of the motor. Carefully raise or lower the dome as needed. If the system binds, try again to fully push the release button. Once the problem with the motor is resolved, normal operation may be resumed by simply activating the switch. The white button will pop back out and the motor will be engaged.

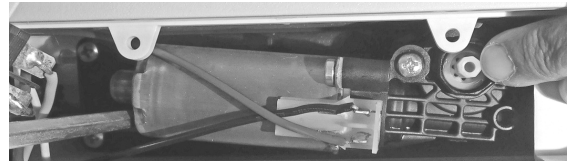


Figure 9