Razor International Pty Ltd
ABN 88 085 220 239

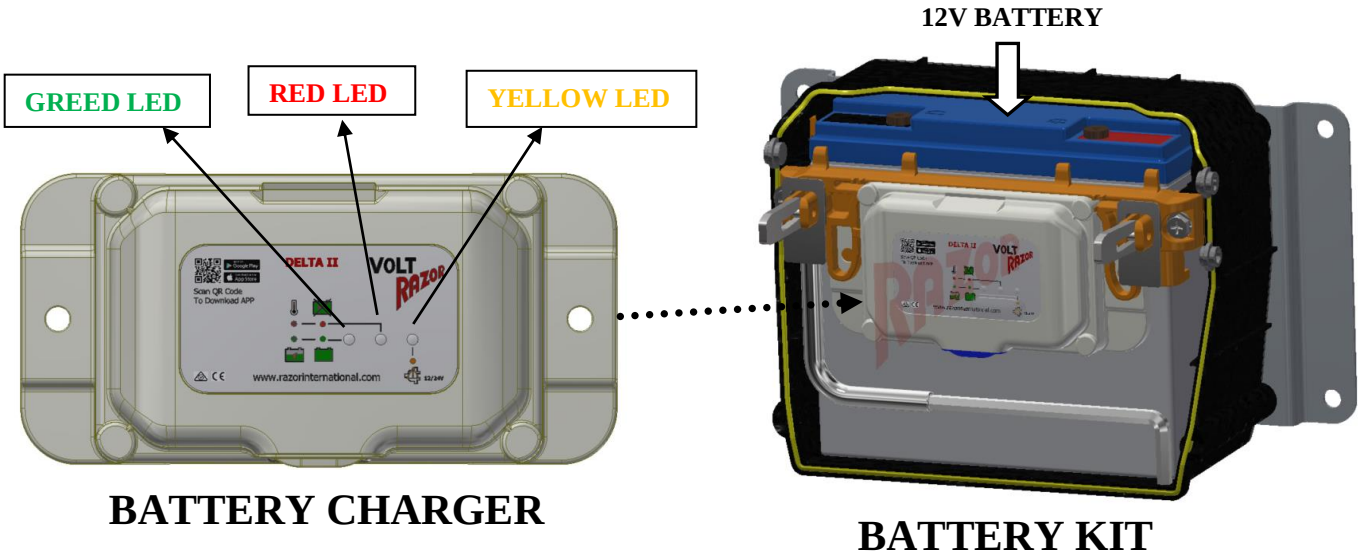
sales@razorinternational.com www.razorinternational.com
Tel +61 3 9357 7181 Fax +61 3 9357 7189 Sales 1300 555 865
28B Amcor Way, Campbellfield 3061 Victoria Australia

RAZOR POWER TARP OPERATING INSTRUCTIONS(RII)

(FRONT TO BACK)

- **Basic Operation:** The Razor Power Tarp can be operated by way of the main control pad located on drive unit or by the remote.
- **Main Keypad**- The blue arrow closes the tarp (covers the load). The green arrow opens the tarp (uncovers the load). The stop button can be used at any time to stop the tarp. The motor will automatically stop when the tarp reaches its full travel in or out.
- **Universal Battery Charger-** The battery charger is located inside the battery kit and has three LED lights. Note: the battery cover is shown as transparent for the purpose of clarity. For indication of the condition of battery and of power supply from the trailer their functions are as per the table below:
(**Note**: ✹ & ✹ stands for LED flashing; ● , ● & ● Stands for LED illuminates)

●			Battery Charged
✹			Battery Charging
		●	Low Input Voltage
	●		Battery Not Connected / Faulty
	✹		Charger Over Temp



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- **Remote**- These buttons have identical function to the main keypad.

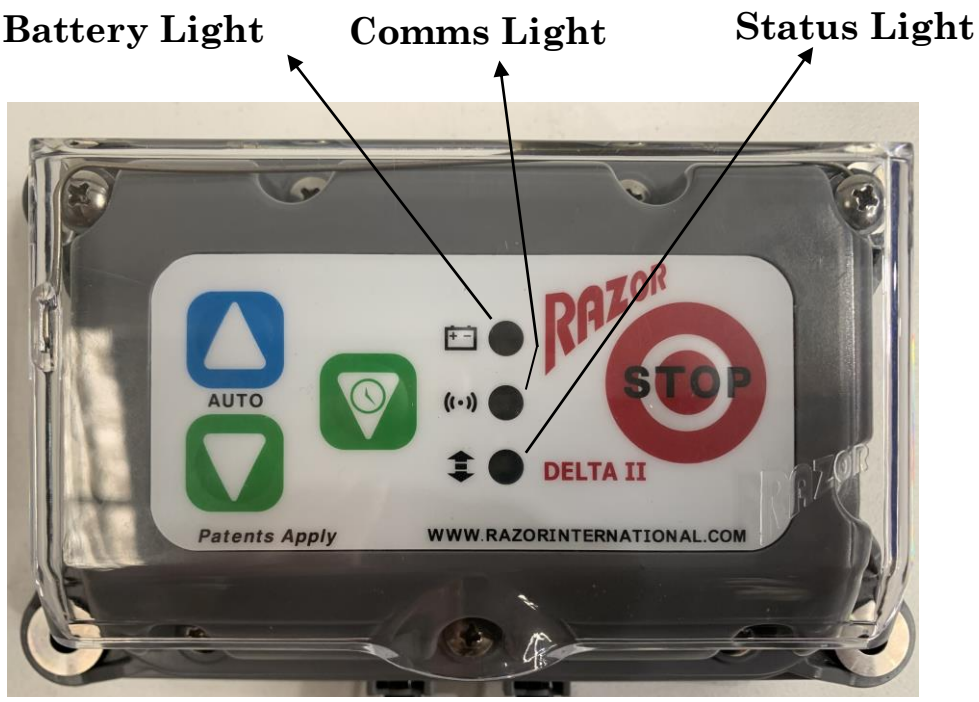
  *NOTE: The wireless remote operates off a momentary signal. The buttons are not to be held for longer than 2 seconds at a time as this may cause the remote to become inoperable.

LED Operation on Main Keypad:

There are 3 LED's located on the main keypad. They are: Battery Light, Comms Light and **Status Light**. (See Pic below)

- **Battery Light**
  Under normal operation, Green flashes once per second
  Low battery detect level=11.8V, Amber flashes once per second

  If the voltage drops below 8V, Red flashes once per second
  the unit will not work at all
  (***Note: the above happens after the unit is awaken. There is no flash when the unit is in sleep mode***)
- **Comms Light** : This light is used to pair in a new /replacement remote.
- **Status Light** : This light is to show the status when the motor runs in different directions
  Running Up----Green flashes once per second
  Running Down---Green flashes twice per second



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ELECTROMAGNETIC COMPATABILITY

The control system has been assessed and found compliant with the following requirements.

Regulator	Rule	Marking
FCC	CFR 47 Part 15 Subpart B Class B	Pending
ACMA	AS/NZS CISPR32: 2015, A1: 2020 (CISPR32: 2019 Ed 2.1) Class B	
VCCI	VCCI-CISPR32: 2016	Pending
Automotive	UN ECE REGULATION No. 10 Revision 6. (20 NOV 2019)	Pending

Changes or modifications to this product not authorized by Razor could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product

FCC STATEMEMT: 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 particular installation. If this equipment does cause harmful interference 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 receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

VCCI STATEMENT: This is class B equipment. Although this equipment is intended for use in a residential environment, it could cause poor reception if used near a radio or a television receiver. Please follow the instructions in the user manual.

UN ECE Reg10 Rev6 STATEMENT: The Delta2 control system has been evaluated as an electronic sub assembly (ESA) to clauses 6.5, 6.6, 6.7 and 6.9.

RF EXPOSURE

The Delta 2 control system uses BlueTooth (2450Mhz) and has been assessed and found compliant with the following RF Exposure requirements.

Regulator	Rule	Marking
FCC	FCC KDB 447498 D01 General RF Exposure Guidance v6	Pending
ACMA (RF EXPOSURE)	Electromagnetic Radiation – Human Exposure Standard 2014 Radio Equipment (General) Rules 2021 – Communications Act AS/NZS 2772.2: 2016 Radio Frequency Radiation – Part2 ARPANSA PSP3 Radiation Protection Standard for Maximum Exposure Levels to Radiofrequency Fields – 3kHz to 300 GHz :2002	
ACMA	AS/NZS 4268: 2017 Radio Equipment and Systems	

FCC: The RF transmitters contained in the control system are exempted from routine evaluation based on the test exclusion guidance in FCC Part 2.1001 and FCC KDP 447498 D01 clause 4.31. The effective radiated power is less than the exemption limit of 10mW for 1-g SAR at 5mm separation distance for the BlueFob and BlueFobPlus devices. The Drive unit is less than the exemption limit of 3W for 1-g SAR.
ACMA: The RF transmitters contained in the control system are exempted from SAR evaluation as their nominal mean output power delivered to the antenna is less than the 20mW limit of RSP3.

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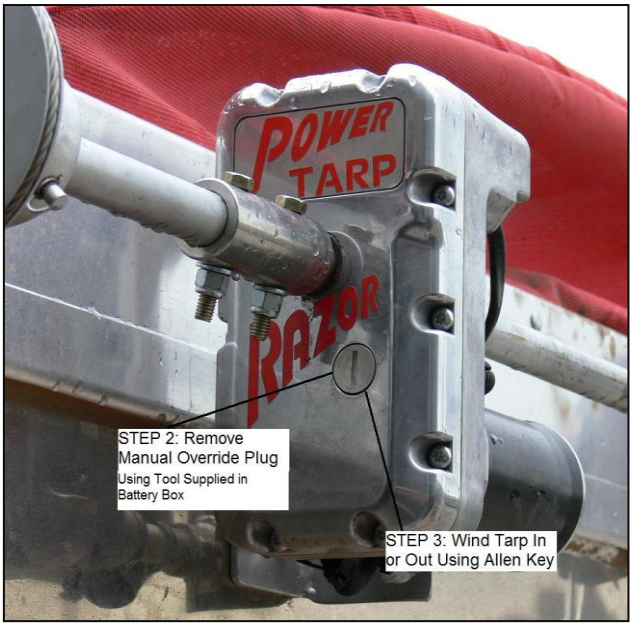
- **Manual Override** - The Razor Power Tarp can be manually operated in the situation where all the trouble shooting options are exhausted.

  ***Step one:** Flick up the toggle to release the brake at the rear of the motor
  ***Step two:** Remove 1/4 turn cap at the front of the gearbox with the manual handle hex end
  ***Step three:** Using hex key of manual handle, wind tarp in or out as required

The above is applicable only for brake models.



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WARNING – The manual override is only to be used as a last resort and Razor International take no responsibility for the tarp being operated in an unsafe manner. Contact your dealer immediately if the Razor system happens to stop working.

Maintenance: Razor Power Tarp requires 6-month interval maintenance. Refer to our website for further information at www.razorinternational.com

- **Battery -** To ensure trouble free operation. Regularly check LEDs to confirm charging, if there is an issue, then check supply (trailer wiring) and connectors.

- **Cable Tension-** As cables may stretch over time, they may need to be adjusted to ensure the Razor Power Tarp cuts out when reaching the end of its travel. Loose cables can cause the motor to continue to run resulting in battery failure or motor damage.

  *NOTE: Cable tension is to be as per manufacturers specifications.

- **Tarp Alignment-** Sometimes Tarps can lose alignment or blocks or cables can become sticky. Ensure tarps are always maintained to ensure hassle free operation.

TO AVOID LOSS OF WARRANTY

-DO NOT CUT HARNESSES
-DO NOT BYPASS RAZOR BATTERY KIT

For any further information please contact your nearest authorized agent.

ENJOY SAFE & EASY TRUCKING WITH RAZOR POWER TARPS.