

# RAZOR

**LET RAZOR DO  
THE HARD WORK.**

***PRODUCT CATALOGUE***





# RAZOR INTERNATIONAL PTY LTD

**IT IS OUR MISSION TO MAKE A POSITIVE DIFFERENCE TO AUSTRALIA'S COMMERCIAL ROAD TRANSPORT INDUSTRY AND THE COMMUNITY AT LARGE BY MAKING EQUIPMENT HANDLING EASIER, SAFER AND MORE EFFICIENT.**

*Focusing on the age-old business practice of first-class service, Razor International is more than just a technology company – we're here to help you improve your business. Your health, safety and efficiency are at the heart of everything we do.*

*With a nationwide presence in Australia and New Zealand, Razor International is able to support any warranty and service requirements directly. Our highly skilled in-house staff and distributors are specially trained to resolve any issues with minimum downtime, should they ever occur.*

*We understand just how important Occupational Health & Safety (OH&S) are to modern Australian businesses, which is why we didn't just design a product, but started a whole new industry movement that continues to see Australian companies automate manual processes and reduce risk with the help of Razor International.*

*That's also why our products are made with the highest attention to detail and have been extensively tested all around Australia to ensure maximum reliability in any possible situation.*

*What's more, Razor International strives for continuous improvement through constant Research and Development and collecting first-hand feedback from our valued clientele.*

*After 15 years in the automation industry, Razor International has ample experience in automating specific manual tasks in any industry. We've done it all: We have helped the trucking industry lift the OH&S bar by reducing the amount of manual labour required in day-to-day operations, and assisted Australian zoos in becoming more efficient by automating cages.*

*If there is a way to make manual processes safer and less risky, we'll find it.*





# RAZOR ELECTRONIC LANDING LEGS



## FEATURES

- Australian designed, tested and manufactured
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Robust and compact solid aluminium casing
- Heavy-duty electric motor
- State-of-the-art electronics
- Independent power supply via maintenance-free battery
- Built-in protections and trickle charger
- Operates from both sides of the battery trailer
- Optional remote operation
- Manual override capability

**THE SAFEST, MOST TROUBLE-FREE WAY TO SEPARATE AND CONNECT THE SEMI-TRAILER FROM YOUR PRIME MOVER.**

The 'Razor' drive is an electronic, motor-driven attachment that is able to raise or lower landing legs on any compatible trailer at the touch of a button.

Our Razor drive allows the driver to complete other important tasks while it lowers or raises the landing legs in the safest and most efficient way – significantly reducing the risk of injury, improving productivity and lowering costs, both financially and in terms of compliance.

The device has undergone extensive testing and in-field trials to ensure its suitability for the rigorous operating conditions in Australia with a lifting capacity of 25 tonnes in conjunction with standard landing legs.

It has been purpose-designed to be not only robust, but lightweight and compact to provide quick and easy fitting, with a high quality, stylish finish to enhance a trailers professional appearance.

The Razor drive is available for fitment to all major leg brands and is particularly suited to Holland, Jost, K-Hitch, Binkley and York legs. On the fascia of each Razor drive you will find a keypad to operate the unit. To maximise safety and ensure user-friendly operation, it is mounted on the opposite landing leg.

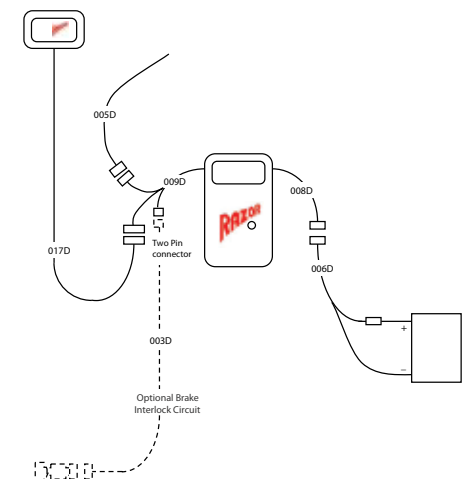
Each Razor drive is supplied with complete fitting and operating instructions. These are also available on the Razor International website.

- No more manual winding
- No more back strain
- No more aching elbows & shoulders
- No more standing out in the weather

The Razor International Landing Leg Kit includes a battery kit, remote keypad, torque arm, hardware kit and owner's manual. Units are available for fitment to all major leg brands.

## PERFORMANCE

<b>Voltage</b>	12V DC.
<b>Output Torque</b>	120 Nm
<b>Output Speed</b>	30RPM
<b>Environmental</b>	Fully weather & waterproof





# RAZOR POWER TARP SYSTEM



**THE SAFEST AND MOST EFFICIENT WAY TO COVER YOUR SEMI-TRAILER OR RIGID TRUCK.**

Using the Razor Front-to-Back Power Tarp is one of the safest and most reliable ways to cover a semi-trailer or rigid truck while keeping the driver safe. It has been custom-designed to take the hard work out of manually winding the tarp over the vehicle and drastically reduce the risk of injury.

When the Razor Front-to-Back Power Tarp is installed, the driver has the option to stay in the cab during operation and still have the same amount of control over the trailer or rigid. The system is easy to use, timesaving and highly efficient.

Razor's Power Tarp comes complete with manual override capability and is powered with the Razor Power Kit.

A simple dual button remote allows the operator to control the system from either inside the cab or a from a safe distance outside the cab.

- **Safe wireless remote offers In-Cab Operation**
- **No more back strain**
- **No more aching neck**
- **No more shoulder pain**

Every Razor International product is based on three basic fundamentals:

- *it is controlled electrically at the push of a button,*
- *the trailer remains interchangeable with any prime mover,*
- *and it comes with an easy to operate manual backup.*

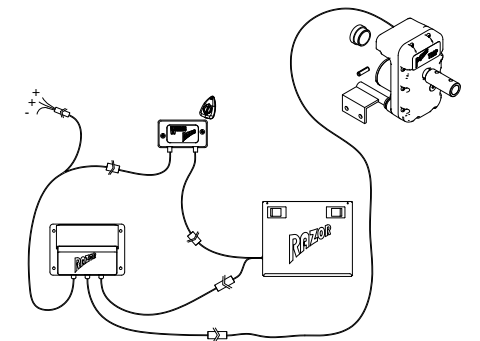
Naturally, the Razor Front-to-Back Power Tarp has all these features and benefits from constant product refinement over the past ten years.

## FEATURES

- **Australian designed, tested and manufactured**
- **Minimum maintenance and 12 month warranty**
- **Easy to understand, simple push button operation**
- **Heavy-duty 12 Volt motor**
- **State-of-the-art electronics**
- **Operational remote operation**
- **Built-in protections and trickle charger**
- **Protects every inch of your load**
- **Quick and smooth manoeuvring**
- **Manual override capability**

## PERFORMANCE

<b>Voltage</b>	12V motor
<b>Drive Motor</b>	200 Nm
<b>Torque</b>	12 VDC power pack with charger with multivolt input 9-30 vdc
<b>Tarp Travel Time</b>	Approx. 15 sec
<b>Environmental</b>	Fully weather & waterproof





# RAZOR POWER DOOR SYSTEM



## FEATURES

- Australian designed, tested and manufactured
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Can be retro-fitted to all existing panel roller doors
- State-of-the-art electronics
- Optional remote operation
- Built in protections and trickle charger
- Increases the life of your door
- Smooth operation
- Multi-operational points
- Manual Override capability

## THE MOST PRACTICAL AND EASY SYSTEM TO CLOSE A DOOR AT THE PUSH OF A BUTTON.

Razor International and Toddco Australia have teamed up to open the door to unlimited possibilities for you. The Power Door system is a simple retrofit design that converts manually operated doors into a stress-free automatic operation.

Installing the Razor Power Door System will lead to huge efficiency gains as the door always opens and closes at the same speed. The clever electronics can also recognise when someone is blocking the door and have the ability to operate manually or electrically – it's the way of the future.

The Power Door System is suitable for refrigerated freight, dry freight, and semi-trailer or rigid van doors. It includes the motor gear drive, the Razor Motor Controller, the Razor Power Kit and the remote mounted keypads.

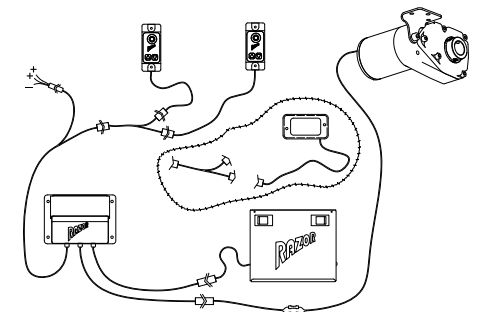
The Razor Power Door System can be operated up and down from either of the Remote Key Pads mounted adjacent to the Roller Door or the Electronic Controller mounted on the right side of the chassis at the rear.

The Electronic Door Kit will fit:

- Toddco type doors
- Refrigerated and insulated doors
- Dry freight doors
- All existing panel roller doors (new or old)
- Safe & Efficient open/close operation
- No more opening or closing of heavy doors
- No more reaching for handles or climbing onto the back of a trailer
- Improves health & safety of users and OH&S obligations of employers

## PERFORMANCE

<b>Voltage</b>	12V DC motor/ gear box
<b>Drive Motor Torque</b>	12 VDC power pack with charger with multivolt input 9-30 vdc
<b>Door Travel Time</b>	Approx. 10 sec
<b>Environmental</b>	Fully weather & waterproof





# RAZOR ROLL-OVER TARP SYSTEM



## FEATURES

- Australian designed, tested and manufactured
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Heavy-duty 12 Volt motor
- State-of-the-art electronics
- Optional remote operation
- Built in protections and trickle charger
- Back-to-Front Tarp System
- Side-to-side Roll Over Tarp
- Manual override capability

**THE RAZOR POWER TARP TAKES ALL THE HARD WORK OUT OF ROLLING OVER THE TARP ON YOUR SEMI-TRAILER OR RIGID TRUCK.**

Using the new Razor Power Tarp System is one of the safest and most reliable ways to cover your semi-trailer or rigid truck. It was designed to take all the hard work out of rolling over the tarp on your vehicle and reduce the risk of injury. When the Razor Roll-over Tarp is installed, the driver has the option to stay in the cab during operation and still have the same amount of control over the trailer.

Razor Power Tarp Systems come complete with manual override capability. They can be powered with the Razor Battery Kit or via your truck's own power supply.

Each system can boast a sophisticated control box featuring a touch pad which can be adjusted to control the sensitivity of how the tarp opens and closes. The battery pack is trickle charged from the main unit and tops the battery up as the trailer drives along. Without the truck, the tarps can still be operated 20 or 30 times before the battery needs to be charged.

- Save on time and money
- No more back strain or aching neck
- No more climbing slippery ladders
- Improves health & safety of users and OH&S obligations of employers

Every Razor International product is based on three basic fundamentals:

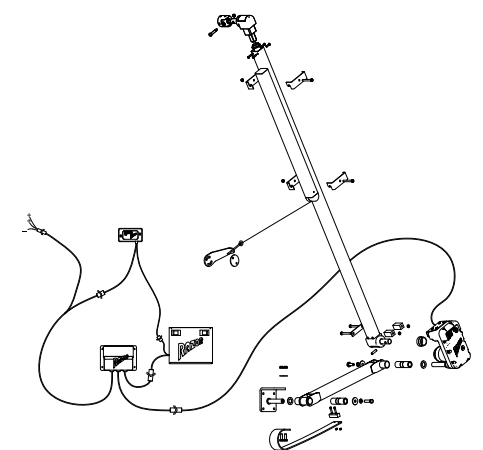
1. it is controlled electrically at the push of a button,
2. the trailer remains interchangeable with any prime mover,
3. and it comes with an easy to operate manual backup.

The Razor Power Tarp has all these features and benefits from constant product refinement over the past ten years.



## PERFORMANCE

<b>Voltage</b>	12V motor
<b>Drive Motor Torque</b>	200 Nm, 2 VDC power pack with charger with multivolt input 9-30 vdc
<b>Tarp Travel Time</b>	Approx. 15 sec
<b>Environmental</b>	Fully weather & waterproof





# RAZOR TOP RUNNER



## FEATURES

- Australian designed, tested and manufactured
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Heavy-duty 12 Volt motor
- State-of-the-art electronics
- Optional remote operation
- Built in protections and trickle charger
- Side to side Top Runner Tarp
- Manual override capability

## THE SAFEST, MOST TROUBLE FREE WAY TO COVER YOUR SEMI-TRAILER OR RIGID TRUCK.

Using the new Razor Top Runner System is one of the safest and most reliable ways to cover your semi-trailer or rigid truck. It has been specifically designed to take all of the hard work out of rolling over the tarp on your vehicle.

When the Razor Top Runner System is installed, the driver has the option to stay in the cab during operation and still have the same amount of control over the trailer.

Razor Power Tarp Systems come complete with manual override capability. They can be powered with the Razor Battery Kit or via your truck's own power supply.

Each system can boast a sophisticated control box featuring a touch pad which can be adjusted to control the sensitivity of how the tarp opens and closes. The battery pack is trickle charged from the main unit and tops the battery up as the trailer drives along. Without the truck, the tarps can still be operated 20 or 30 times before the battery needs to be charged.

- Save on time and money
- No more back strain
- No more aching neck
- No more climbing slippery ladders

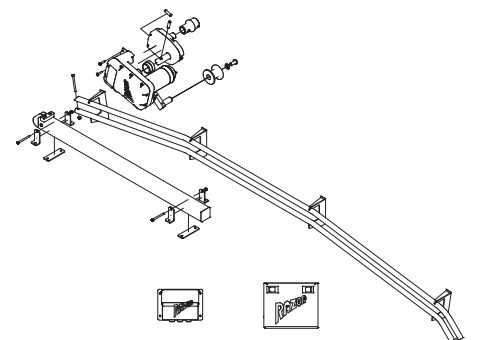
Every Razor International product is based on three basic fundamentals:

1. it is controlled electrically at the push of a button,
2. the trailer remains interchangeable with any prime mover,
3. and it comes with an easy to operate manual backup.

The Razor Power Tarp has all these features and benefits from constant product refinement over the past ten years.

## TABLE

<b>Drive Motor Torque</b>	200 Nm
<b>Motor Control Unit</b>	Electronic Adjustable arm return tensioner
<b>Tarp Travel Time</b>	Approx. 15 sec





# RAZOR eLEG POWERED LANDING LEG



## FEATURES

- Australian designed, tested and manufactured
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Robust and compact solid aluminium gearbox casing
- Heavy-duty electric motor
- State-of-the-art electronics
- Independent power supply via maintenance-free battery
- Built in protections and trickle charger
- Two-speed operation
- Manual override capability

**THE SAFEST, MOST TROUBLE-FREE WAY TO SEPARATE AND CONNECT THE SEMI-TRAILER FROM YOUR PRIME MOVER.**

The eLEG works easily and efficiently to let you get on with other important things while it does the hard work of lowering the legs on your trailer for you.

eLEG is an electronic motorised landing leg that raises or lowers at the touch of the button.

It has undergone extensive testing and in-field trials to ensure its suitability for rigorous operating conditions with a lifting capacity of 25 tonnes.

It is purpose designed to be not only robust, but lightweight and compact to provide quick and easy fitting, with a high quality, stylish finish to enhance a trailers professional appearance.

Models are available for 14", 17 & 19" lift heights and a variety of foot styles. Two speed gearing selected by lightweight lever to give maximum speed to the ground and maximum lift capacity.

On the fascia of eLEG is a keypad with push buttons to operate the unit independently from the Truck.

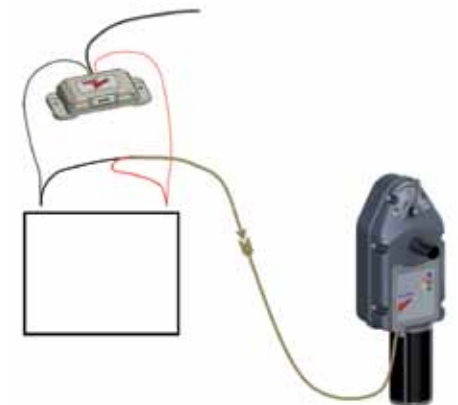
Each eLEG drive is supplied with complete fitting and operating instructions. These are also available on the Razor International website.

- No more manual winding
- No more back strain
- No more aching elbows & shoulders
- No more standing out in the weather

The eLEG kit includes a power supply, charging circuit and owner's manual.

## PERFORMANCE

<b>Voltage</b>	9 - 30 V DC
<b>Lift Capacity</b>	25 Tonnes (60,000lb)
<b>Leg Speed</b>	340mm/min on high gear
<b>Environmental</b>	Fully weather & waterproof





NZ DISTRIBUTOR



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