

# Drive Kit



# DELTA LANDING LEG SYSTEM



## FEATURES

- Australian designed and tested
- Minimum maintenance and 12 month warranty
- Easy to understand, simple push button operation
- Robust and compact solid aluminum casing
- Heavy-duty electric motor
- State-of-the-art electronics
- Independent power supply
- Optional remote operation
- Manual override capability

The Drive Kit allows the driver to complete other important tasks while it lowers or raises the landing gear 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 28 tons in conjunction with standard landing gear.

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

The Drive is available to fit all major landing gear brands including Jost, Holland, K-Hitch, Binkley and York legs. The Drive units are controlled by a driver operated keypad located on the device. To maximize safety and ensure user-friendly operation, it is mounted on the opposite landing leg.

## PERFORMANCE

Voltage	12V DC.
Output Torque	180Nm
Output Speed	30RPM
Environmental	Fully weather & waterproof
Specification	130MM X 80MM X240MM
Weight	6KG

*No more manual winding*  
*No more back strain*  
*No more aching elbow & shoulders*  
*No more standing out in the weather*

The Drive Kit includes a power kit, wireless remote, torque arm, hardware kit and owner's manual. Units are available for fitment on all major leg brands.





## Description

The Drive Kit is an electronic, motor-driven attachment that is able to raise or lower landing gear on any compatible trailer at the touch of a button.

## Specification

Length: 130MM Width: 80MM Height: 240MM  
Weight: 6KG

## Accessories

- |                           |                        |                      |
|---------------------------|------------------------|----------------------|
| 1. CNC Module system      | 2. Transmission system | 3. Safety protection |
| 4. Transmission connector | 5. Torque shaft        | 6. Support rod       |

## Technology

1. Equipped with the most advanced modern electronic control system in Australia.
2. It has a high-performance motor, direct drive, and a lifting capacity of 28 tons.

## Power Systems

U.S. high-energy power supply system is used to supplement the system with 12V taillights when the truck is driving

## Practical

1. It can be operated by remote control, not affected by the weather environment, and has the ability of manual operation.
2. The installation method of the transmission system is very simple and fast. It can be installed directly within 10 minutes and is compatible with various current trailer legs.

## Shape

The unit design is not only small in size, but also strong and compact, and has a stylish appearance.

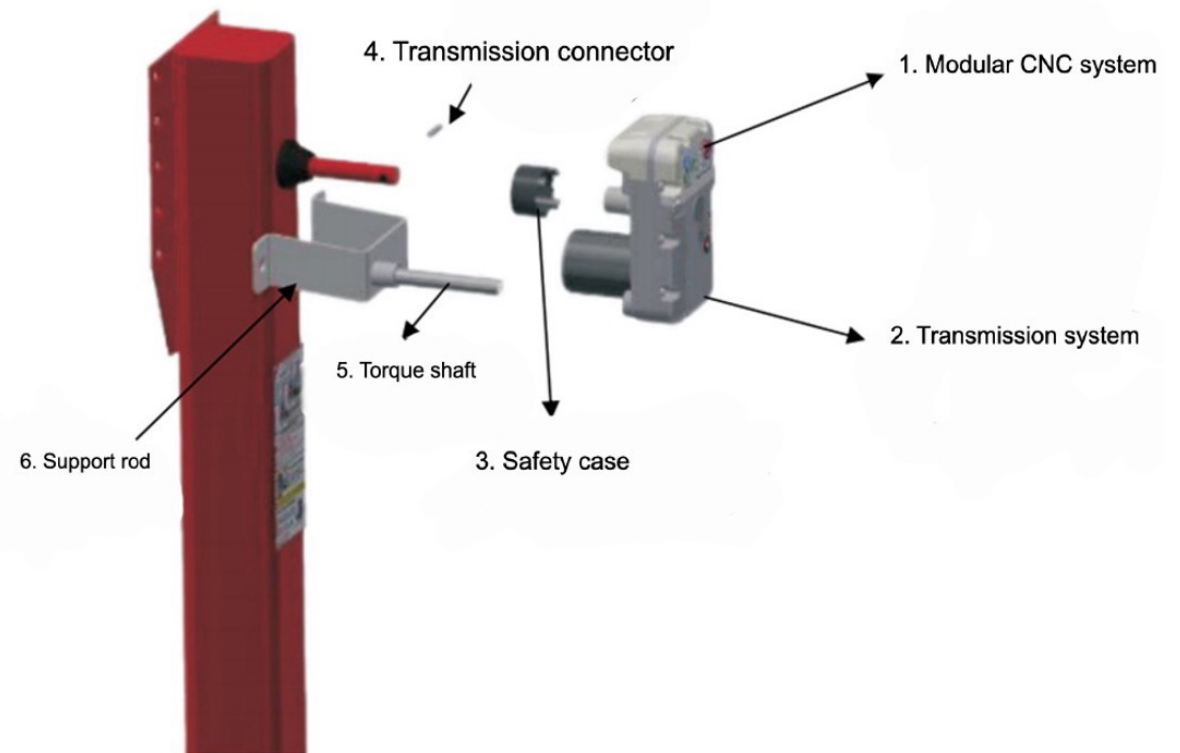




# PRODUCT INTRODUCTION

## Product Composition:

1. Modular CNC system
2. Transmission system
3. Safety case
4. Transmission connector
5. Torque shaft
6. Support rod
7. Auxiliary battery system
8. Remote control system
9. Power connection system
10. Manual crank



7. Auxiliary battery system



8. Remote control system



9. Power connection system



10. Manual crank

# INSTALLATION METHOD

**Step 1:** Remove the rocker on the outrigger first, and then insert the protective piece and the hollow shaft of the transmission system directly onto the shaft.

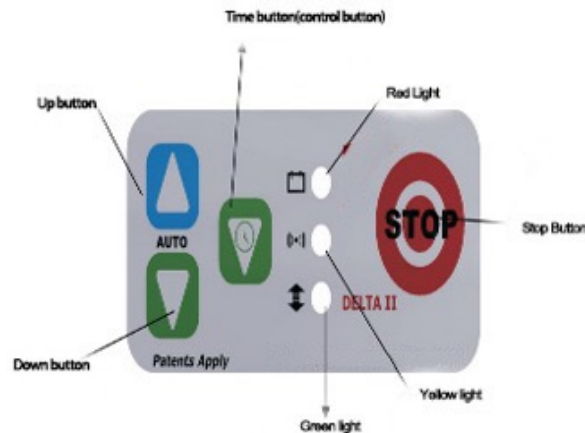
**Step 2:** The support is temporarily fixed by the screw holes of the legs, and then the torque shaft is inserted

*Requirements:*

1. After the torque shaft is parallel to the shaft of the manual crank handle of the outrigger, insert it into the auxiliary hole of the transmission system and slide

2. Slide smoothly, without obstruction, and then lock the screw after sliding smoothly and freely

**Step 3:** After the hole on the hollow shaft of the mobile transmission system is aligned with the hole on the handle shaft of the outrigger, install the drive spring pin



**Operation method: (remote control, button, manual)**

1. Remote control operation: can be operated within 30 meters

2. Key operation:

(1) Press the time button, the red light is on, turn on the system power, keep pressing it for 5 seconds, and when the yellow light is on, the system enters the working state.

(2) Press the up button, the outriggers will shrink, the green light will flash, press the down button, the outriggers will extend, the green light will flash, press the stop button, the transmission will stop

(3) If there is no operation for 4 minutes, the system will automatically power off

3. Manual operation:

Take off the small round cover with a manual wrench, insert the wrench into the hole and turn it, and operate the outrigger clockwise or counterclockwise to rise or fall.

## Power Wiring Method

This system adopts Australian modular numerical control system, electronic remote control electronic system, high-performance motor, all using 12V DC power supply

### 1. Simple and usual power wiring:

Directly use the truck battery as the power supply of the product. You can directly use the power connection system in the accessory to connect the positive and negative poles of the truck battery. You must ensure that the positive and negative wiring is correct (24 and 12V can be connected, because there is a converter inside the power connection system)

2. In special cases, the auxiliary battery system is used as the power source. The service life of the battery is usually 5 hours. It is very important to keep the battery fully charged as much as possible. If it is idle for a long time, the battery life may be shortened.

### Wiring method:

The auxiliary battery is equipped with a charger, which can be supplemented by 12V or 24V taillights when the truck is driving. The positive and negative poles cannot be reversed, otherwise the module numerical control system and electronic control system will be burned out, making the product unable to work normally. (It is recommended not to use auxiliary batteries as much as possible)



## Precautions

- (1) The torque shaft and the manual crank shaft of the outrigger must be parallel, and the center distance must be adjusted to a suitable position, otherwise it is easy to swing during work.
- (2) Before installing the torque shaft, do not operate any buttons to avoid accidents.
- (3) When the two power lines are connected to the power supply, they must be operated by professionals, and the positive and negative poles must be correct, otherwise the module CNC system will be broken down
- (4) If the position wire needs to be lengthened, the extension wire must be guaranteed to pass 40A current safely
- (5) Keep no other people around the outriggers when working. When the outriggers fall to the bottom, the drive can generate high force, the output torque is 180Nm, and the output speed is 30Rpm. Therefore, personal safety must be ensured.

## Warranty Period

This product complies with Australian Standard 2513-1982 and ADR42/02 and uses SAE to meet US standards. When the customer uses it, install it correctly according to the technical requirements and precautions, and if there is any failure within one year, the manufacturer is responsible for the warranty.

