

# FORCE 5K & 10K

INSTRUCTION MANUAL / USER GUIDE



CALL TOLL-FREE:

1-888-926-5517

Ext. 1 - Sales

Ext. 2 - Administration

Ext. 4 - Technical Support

OFFICE HOURS (WEEKDAYS)

8AM-6PM EST

[sales@parkit360.com](mailto:sales@parkit360.com)

[admin@parkit360.com](mailto:admin@parkit360.com)

[support@parkit360.com](mailto:support@parkit360.com)

# IN THE BOX

**SOMETHING MISSING?  
NEED EXTRA PARTS?**

CALL TOLL-FREE:

**1-888-926-5517**

EXT. 1 OR 4

## ALL FORCE UNITS COME WITH:

Force Handle

18" Ball Mount with Tightening Bar

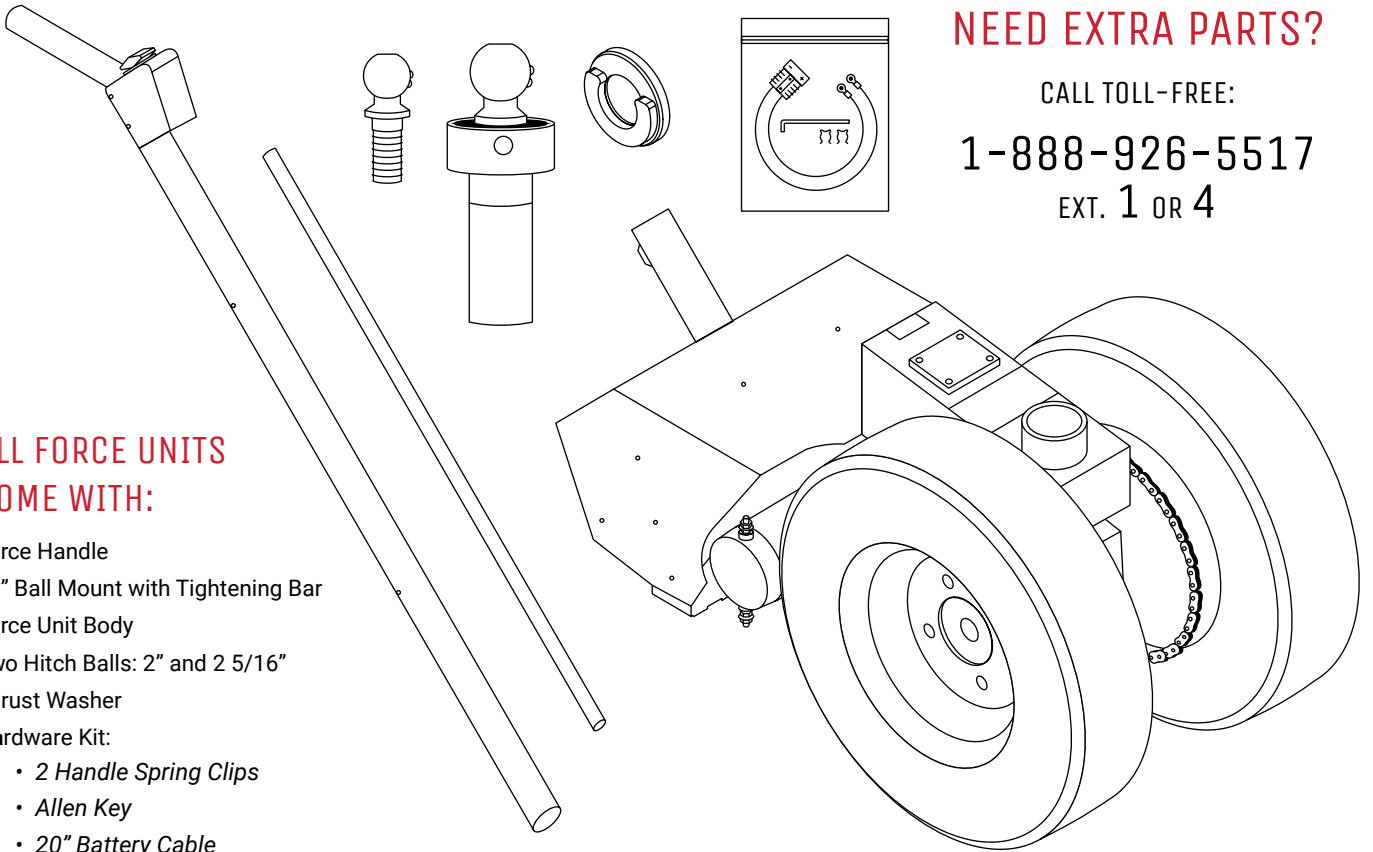
Force Unit Body

Two Hitch Balls: 2" and 2 5/16"

Thrust Washer

Hardware Kit:

- 2 Handle Spring Clips
- Allen Key
- 20" Battery Cable



# OPTIONAL PARTS

Battery Box (Packaged Separately)

Telescopic Frame Adapter

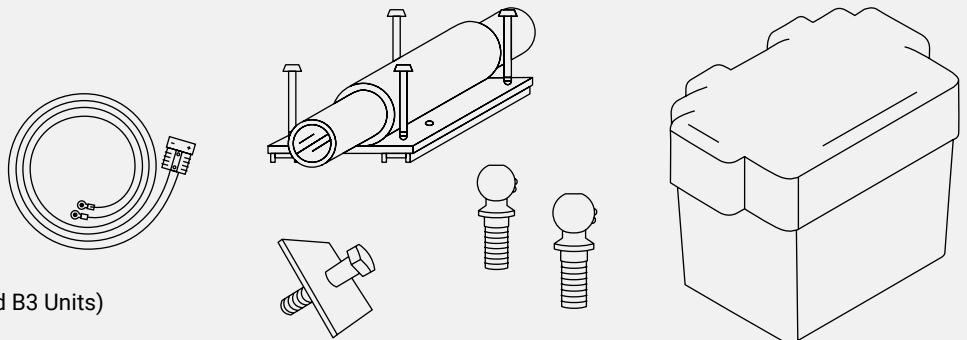
Pintle Hitch Adapter

80" Battery Cable

1 7/8" Hitch Ball

50mm Hitch Ball

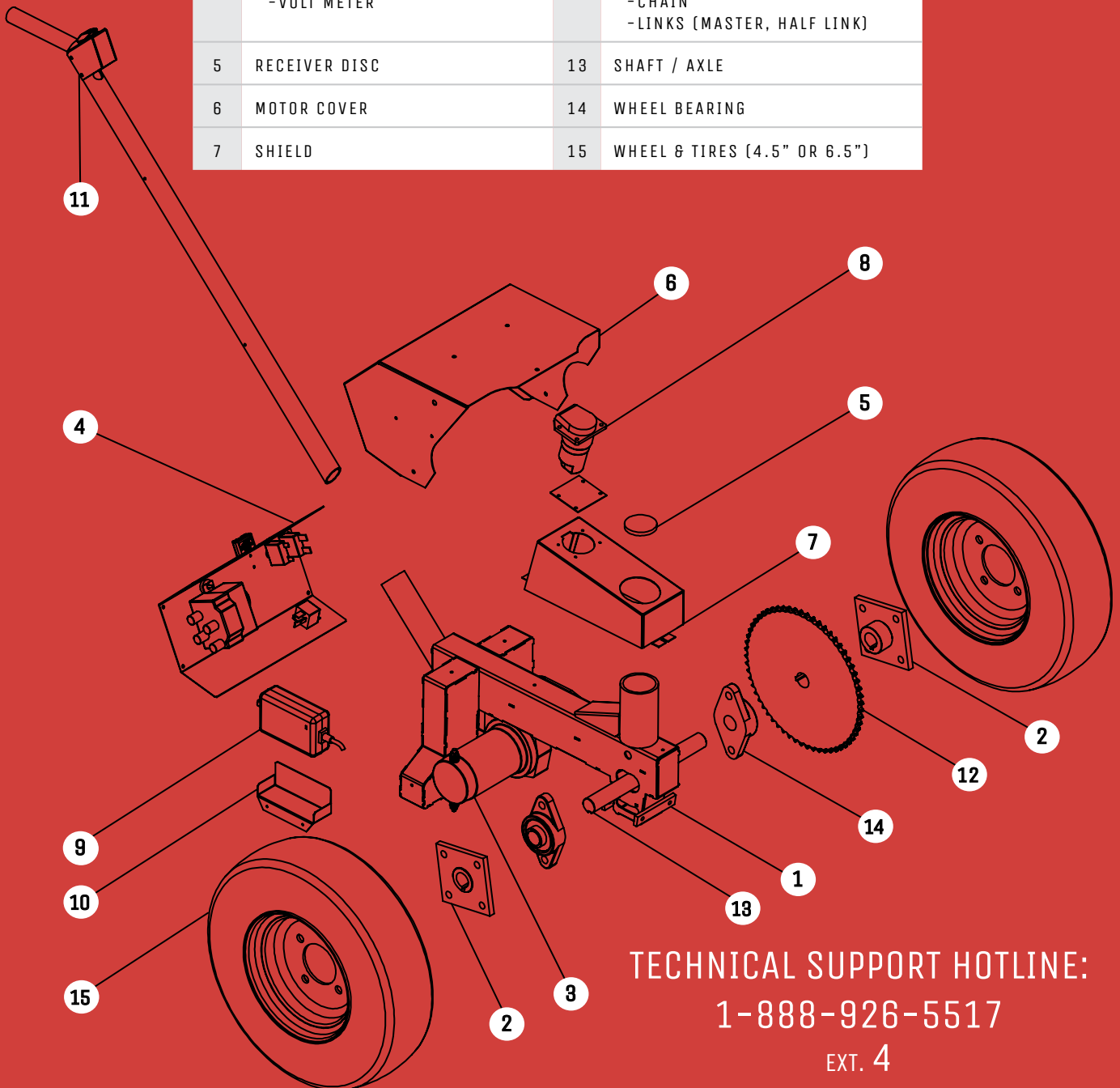
Smart Brake (Pre-Installed on B2 and B3 Units)



**MORE PARTS AVAILABLE ONLINE: [PARKIT360.COM](http://PARKIT360.COM)**

# PARTS LIST

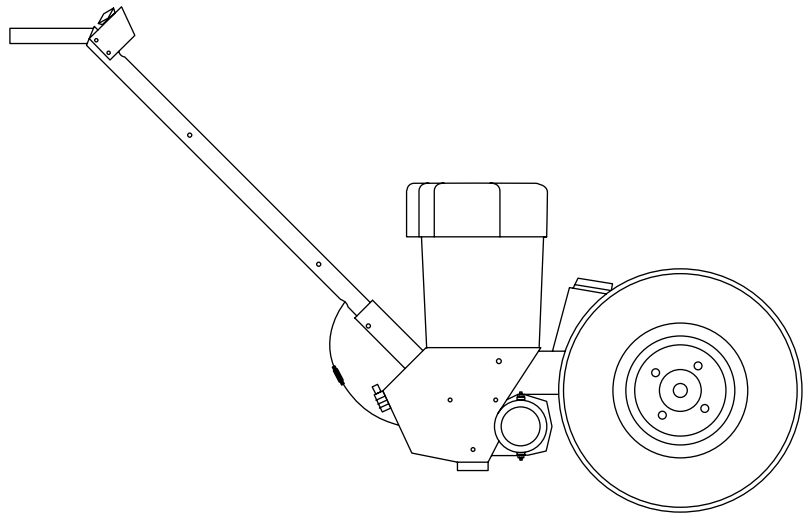
1	FORCE FRAME	8	7 WAY CONNECTOR (SMART BRAKE)
2	DRIVE PLATE	9	BUILT-IN BATTERY CHARGER
3	MOTOR (1.5 HP)	10	FORCE CHARGER BRACKET
4	ELECTRONICS MODULE: -CIRCUIT BOARD -CIRCUIT BREAKERS -RELAY -CONTACTOR (400 AMP) -VOLT METER	11	FORCE HANDLE: -ROCKER SWITCH -RUBBER GRIP
5	RECEIVER DISC	12	SPROCKET: -CHAIN -LINKS (MASTER, HALF LINK)
6	MOTOR COVER	13	SHAFT / AXLE
7	SHIELD	14	WHEEL BEARING
		15	WHEEL & TIRES (4.5" OR 6.5")



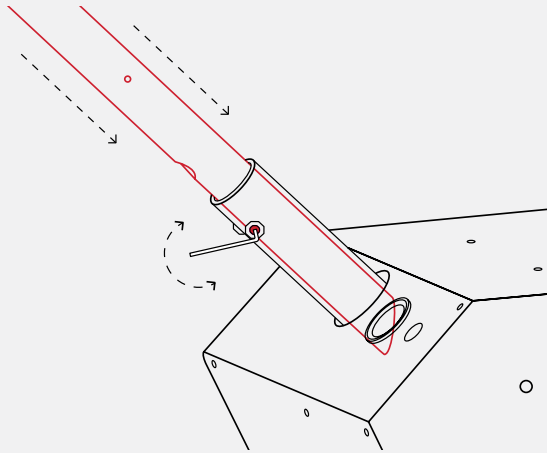
TECHNICAL SUPPORT HOTLINE:  
1-888-926-5517  
EXT. 4

# ASSEMBLY

PLEASE FOLLOW THESE STEPS TO ASSEMBLE YOUR PARKIT360 FORCE UNIT.



1

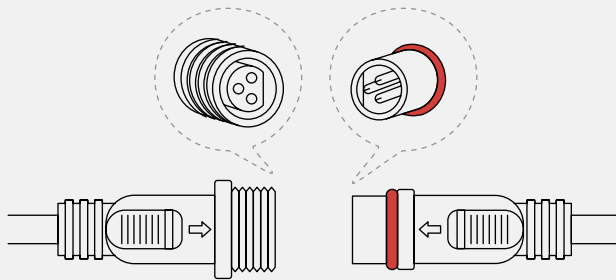


Insert the base of the handle into the **Handle Receiver Tube**.

Tighten the **Allen Screws** to secure the handle.

Install the **2 Handle Spring Clips** onto the Handle for easy access to the **Tightening Bar**. (Optional)

2



ALIGN THE ARROWS AS SHOWN.

Connect the two parts of the **Handle Control Cable**.

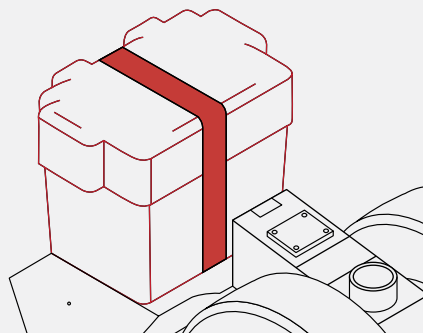
Make sure the flat faces of both cable heads are aligned.

**Do NOT force it together.**

Twist the plastic nut over the connection to secure it.

3

OPTIONAL:  
INSTALL BATTERY BOX



If you purchased a Unit with the optional **Battery Box**:

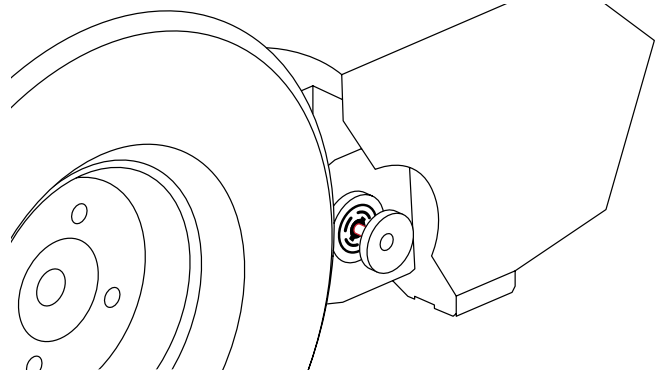
Install it with the strap provided and place your battery inside.


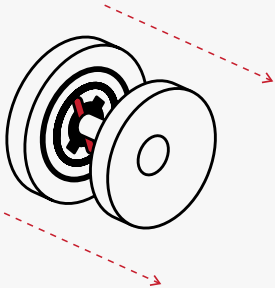
**BATTERY NOT INCLUDED.**


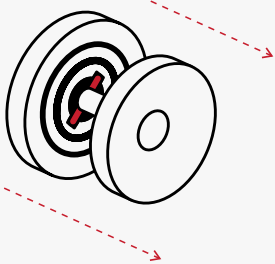
*12V Group 24 Deep Cycle Battery recommended.*

# OPERATION

YOUR FORCE UNIT HAS TWO DRIVE MODES:



FREEWHEEL MODE	SWITCHING GEAR
 <p><b>Neutral.</b> For moving the Unit to and from your application without power while it is NOT under load.</p>	<p>If you are in Engaged Mode, the wheels will be locked in the drive position.</p> <p>Without power, the Unit will only move an inch forwards or backwards before stopping.</p>
<p>PULL ON THE KNOB AND TURN IT CLOCKWISE. REST PIN OUTSIDE.</p> 	<p>Rock the unit so the wheels rest in between these two stop points.</p> <p>Pull on the Knob and turn it clockwise. <b>Rest the small pin on the outer metal, not in the pin hole.</b></p>

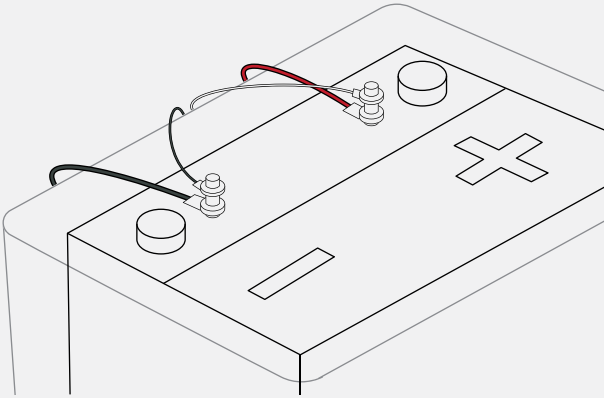
ENGAGED MODE	SWITCHING GEAR
 <p><b>Drive.</b> For connecting the Unit to your hitch and moving the trailer with battery power.</p>	<p>Ensure your unit is in position and ready to connect to your trailer.</p> <p>Pull on the Knob and turn it clockwise. <b>Ensure that the small pin fits into the slot.</b></p>
<p>PULL ON THE KNOB AND TURN IT CLOCKWISE. PLACE PIN INSIDE.</p> 	<p>Rock the unit back and forth. The knob will pop in with a “click”, engaging the unit into <b>Drive</b>.</p> <p>You’re now ready to connect to your hitch and move the trailer!</p>

ENSURE MOTOR IS IN THE PROPER GEAR BEFORE OPERATING.

# POWER OPTIONS

## 12V BATTERY

Install the battery and connect the cables as shown:



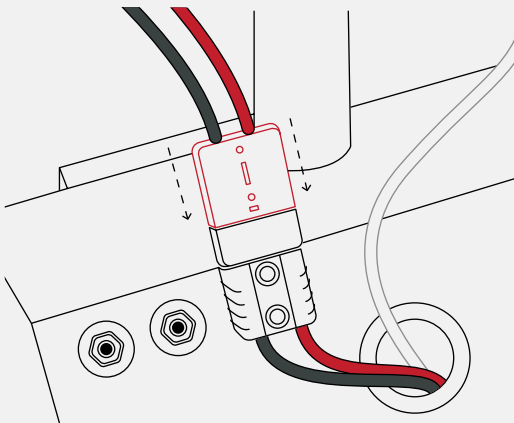
20" BATTERY CABLE



OPTIONAL:  
BATTERY CHARGER

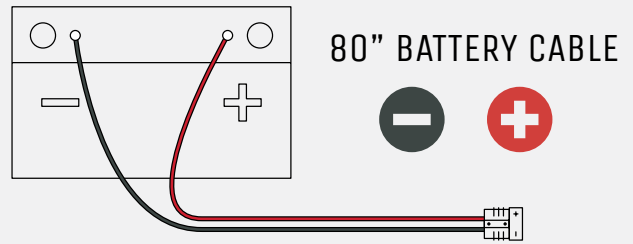


Connect the Battery Cable to the **Red Battery Connection Plug** at the base of the handle:

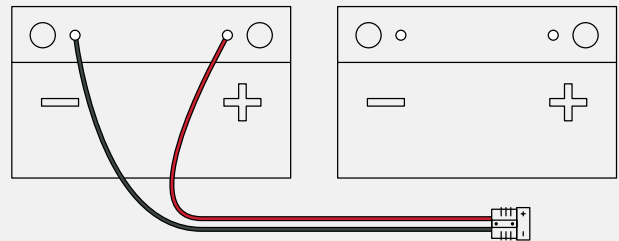


## TRAILER BATTERY

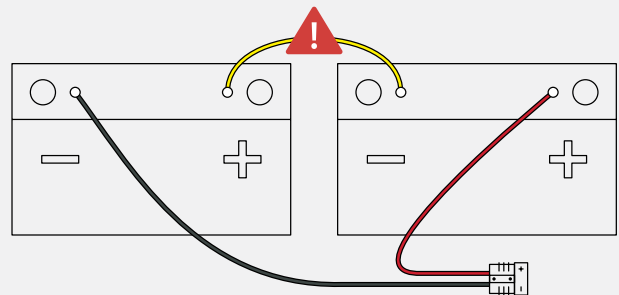
**Single 12V Battery:**



**Two 12V Batteries:**  
Connect to Primary Battery



**Two 6V Batteries:**  
The 80" Cable **MUST** be connected across both batteries, not just one.



QUESTIONS ABOUT BATTERY CONNECTION?

1-888-926-5517

EXT. 4



**DO NOT CONNECT 80" CABLE TO BATTERY CONNECTION TERMINALS**

**THIS CAN CAUSE A SHORT CIRCUIT AND SERIOUS DAMAGE TO YOUR TRAILER AND PARKIT360 TRAILER DOLLY.**

# QUICK SET-UP GUIDE

1	POSITION	Switch the Unit into <b>Freewheel Mode</b> and move it to the trailer. Position it underneath your Trailer Hitch.
2	POWER	TURN ON the Unit by <b>Connecting your Battery Cables.</b> ( <a href="#">Page 6</a> )
3	HITCH	Switch to <b>Engaged Mode.</b> ( <a href="#">Page 5</a> ) <b>Connect your Hitch.</b> (Ball Mount: <a href="#">Page 8-9</a> Other: <a href="#">Page 10</a> ) <b>Ensure Connection is Secure before Operating.</b>
4	PARK	Use the <b>Toggle Switch</b> on the Handle to move your Trailer Forwards and Backwards. Park the trailer in your desired location.
5	DISCONNECT	<b>Chock Trailer Wheels.</b> Disconnect the <b>Red Battery Connection Plug</b> to TURN OFF the Unit. Raise Trailer to withdraw the Ball Mount from the Dolly. <i>The Ball Mount can be removed or left on the hitch for later use.</i>
6	STORE	Move the Unit to desired storage location, preferably under cover. <i>If you have the battery charger option, please ensure the unit is kept level to prevent battery acid overflow while charging.</i>

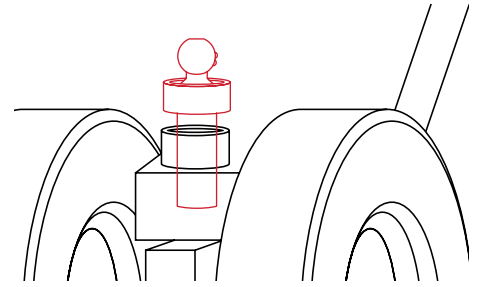
 **SAFETY INSTRUCTIONS**   
MISUSE OF THIS DOLLY CAN CAUSE TRAILER DAMAGE OR SERIOUS INJURY

DO NOT EXCEED MAX. WEIGHT CAPACITY	<b>Force 5k:</b> up to 5,000 lbs <b>Force 10k:</b> up to 10,000 lbs  For Trailers <b>Between 8,000-10,000 lbs</b> Gross Weight <b>OR</b> with <b>more than 800 lbs Tongue Weight:</b> Use <a href="#">Jack Post Connection</a> or <a href="#">Telescopic Frame Adapter</a>
DO NOT OPERATE ON MORE THAN 6% GRADE	Risk of Runaway Trailer if Operated on Steep Incline. Ensure Unit is Stable and Connection is Secure before Operating.

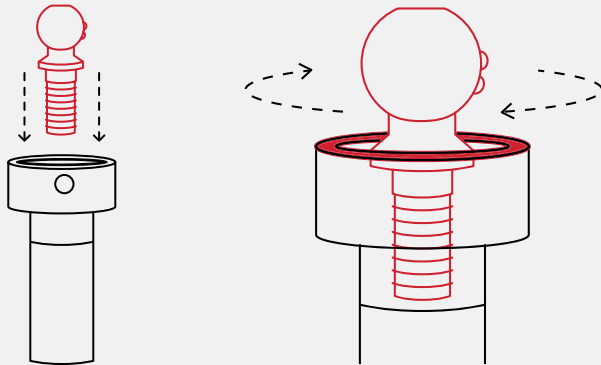
CONNECTING TO YOUR TRAILER:

# BALL MOUNT ADAPTER

TUTORIAL VIDEO: [HTTPS://YOUTU.BE/NZ-\\_wkinbzs](https://youtu.be/NZ-_wkinbzs)



1



Thread the desired **Hitch Ball** into the Ball Mount.

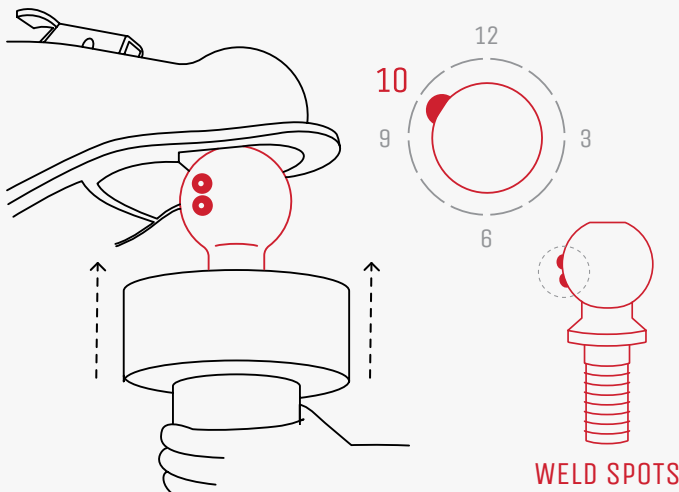
Apply a generous portion of **All-Purpose Grease** along the top surface of the Ball Mount Collar.

*The bottom shoulder of the Hitch Ball must be slightly below the top surface of the Ball Mount Collar.*



## NOTE: HITCH BALL WELD SPOTS

2



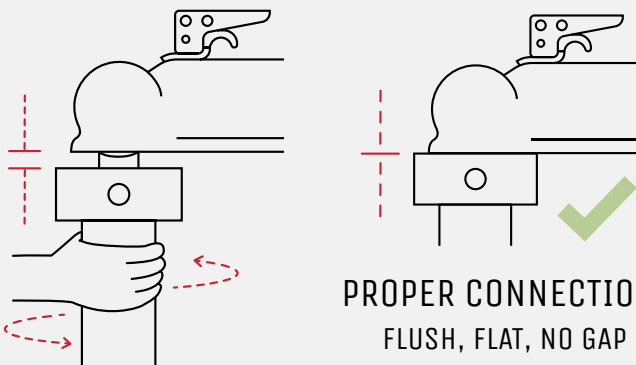
Insert the assembled Ball Mount into the Hitch and lock as normal.

Make sure the **Weld Spots** on the Hitch Ball are pointed towards the rear **left side of your trailer at about 10 o'clock**.

*You will have trouble locking your hitch if they are not positioned properly!*

*Some hitches may require different positioning. Call us for details.*

3



**Turn the Ball Mount Counter Clockwise** until the gap between the Ball Mount Collar and Trailer Tongue closes.

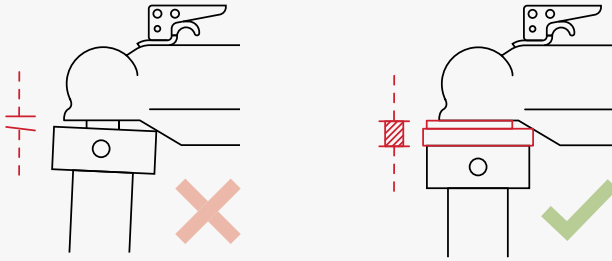
The top edge of the Ball Mount and the Trailer Tongue should be **flush, with no gap**.

*The connection should be tight without any ball pivot.*





## NOTE: THRUST WASHER



### Gap in your connection?

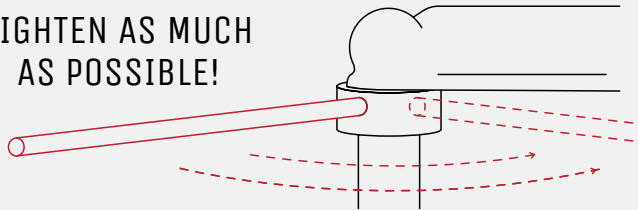
Have a Step Down or another obstruction in the way?

You may need a **Thrust Washer**.

Find [Thrust Washer](#) Installation instructions on Page [10](#).

4

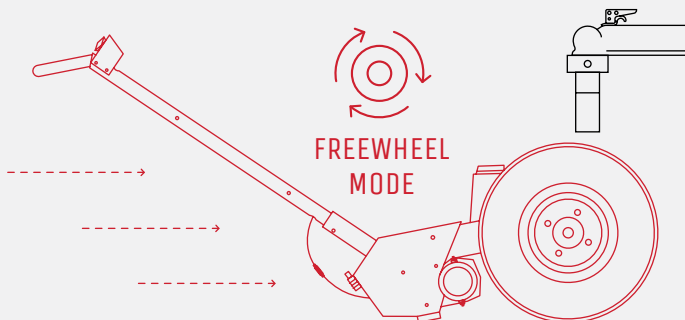
**TIGHTEN AS MUCH AS POSSIBLE!**



Once the Ball Mount is secure, use the **Tightening Bar** to ensure the connection is as tight as possible.

*This may take a few rotations.*

5

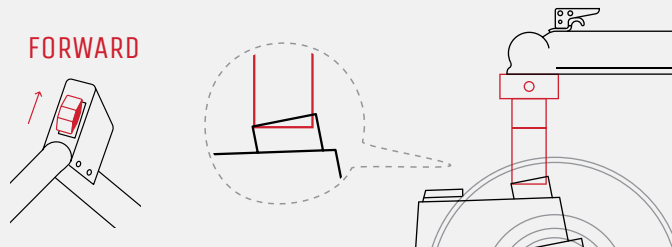


While in **Freewheel Mode**, wheel the Dolly to the Trailer.

Connect the **Battery Cables** to turn on the Dolly.

Use the **Motor Knob** to **Engage the Motor into Drive**.

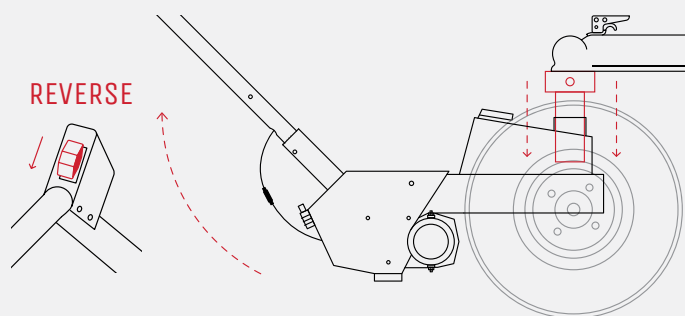
6



Using the **Toggle Switch**, Drive the Dolly underneath the hitch.

Align the **Ball Mount** with the top of the Dolly's **Receiver Tube**.

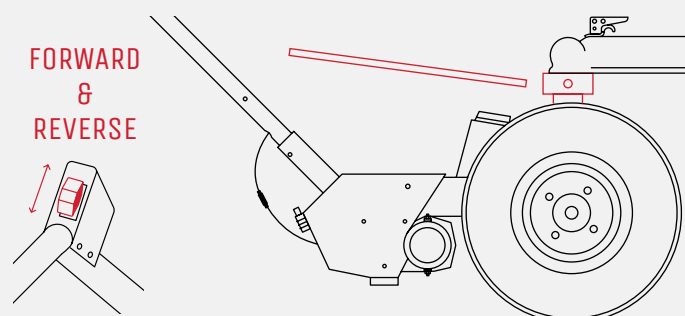
7



**Reverse** the Dolly to **Level**, then lower Ball Mount fully into the Receiver Tube.

*Ensure that the Jack Post is off of the ground before operating.*

8



Using the **Toggle Switch**, move the Unit back & forth slightly.

**Re-tighten Ball Mount.** (Step 4)

**Repeat 2-3 times** or until you can't tighten anymore.

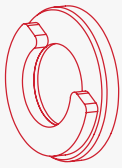


**READY TO MOVE!**

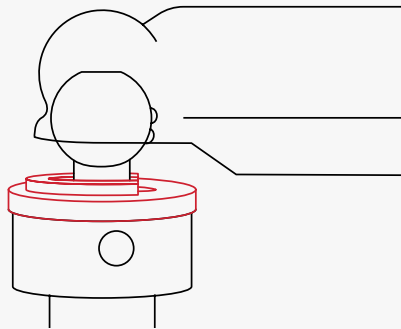
CONNECTING TO YOUR TRAILER:

# ALTERNATE METHODS

## THRUST WASHER – FOR BALL MOUNT ADAPTER



THRUST WASHER VIDEO:  
[HTTPS://YOUTU.BE/NZ- WKINBZS](https://youtu.be/NZ-WKINBZS)

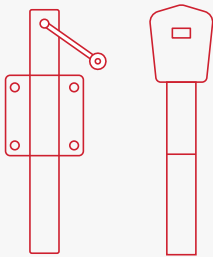


Place the **Thrust Washer** on top of the **Ball Mount Collar**, with the open section facing your trailer.

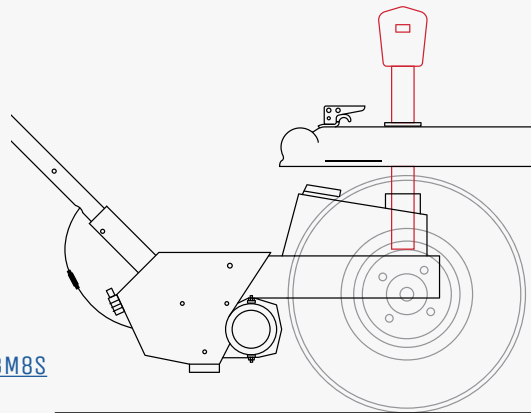
Install the Hitch Ball and **continue Ball Mount connection as normal**.

*While tightening in [Steps 3-4](#), hold the Thrust Washer in place to prevent it from spinning.*

## JACK POST OPTION



JACKPOST VIDEO:  
[HTTPS://YOUTU.BE/X8YNQ5FBM8S](https://youtu.be/X8YNQ5FBM8S)



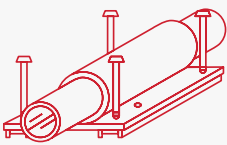
**Remove the Ball Mount Adapter.**

Lower the trailer jack into the Dolly's **Receiver Tube**, following the same instructions as [Step 6-7](#).

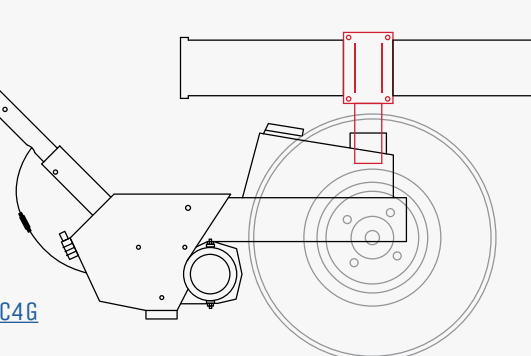
**You're ready to go!**

*Lower the trailer as close to the tires as possible without rubbing on the trailer frame. This will reduce strain on the Jack Shaft.*

## TELESCOPIC FRAME ADAPTER



TELESCOPIC VIDEO:  
[HTTPS://YOUTU.BE/XJRPA2HDC4G](https://youtu.be/XJRPA2HDC4G)



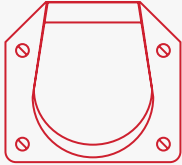
Remove the Ball Mount Adapter. **Attach the Telescopic Adapter to the Y section of the trailer frame.** Lower the telescoping pipe into the Dolly's **Receiver Tube** and slide the locking pin into place.

*For Articulated Hitches, DO NOT use the Ball Mount Adapter. Doing so could cause damage to the unit, the trailer, or cause serious injury, including death.*

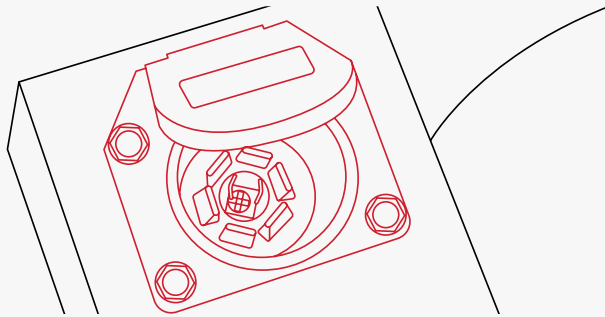
CONNECTING TO YOUR TRAILER:

# SMART BRAKE PLUG

## HOW IT WORKS



CONTROLS THE TRAILER'S BRAKE SYSTEM WHEN 7-WAY POWER PLUG IS CONNECTED.



### **Electric Brakes (RV Trailers):**

Engages the trailer's brakes when the unit is powered ON and not in motion. The brakes will release when the directional toggle switch is pushed.

### **Surge Brakes (Boat Trailers):**

Releases the trailer's brakes as soon as the plug is connected to the unit. This controller acts as a lockout to ensure the brakes don't lock up during parking.

*\*This part is built in to the B2 & B3.*

MORE PARTS AVAILABLE AT [PARKIT360.COM](http://PARKIT360.COM)

# FAQ

## WHAT KIND OF BATTERY DO I NEED?

We recommend a 12-Volt Group 24 Deep-Cycle RV or Marine Battery with a capacity of 70-90 Ah. The Unit can also be powered with your Trailer's Battery using the provided battery cables.

For details about battery connection, please see the [Power Options](#) section on Page 6.

## WHY ARE THERE WELD SPOTS ON THE HITCH BALL?

These weld spots are specifically designed to work with our locking process. Without the welds, the ball will endlessly spin inside the Trailer Hitch.

For details, please see the [Ball Mount](#) section on Page 8 or our [Ball Mount Video](#).

## RECOMMENDED TIRE PRESSURE SETTING?

A Tire Pressure of 40 PSI is recommended for all of our Tire options. (4" or 6.5" Wide Tires)

## DO I NEED A THRUST WASHER?

The Thrust Washer is designed for trailers with Step Down Hitches. You only need the Thrust Washer if you have anything preventing the hitch from lying flush with the top of the ball mount collar. If you have a flat hitch, you do not need the Thrust Washer.

For details, please see the [Thrust Washer](#) sections on Page 9 and 10.

## WHAT DOES A PROPER CONNECTION LOOK LIKE?

Please see Part 3 of the [Ball Mount](#) section on Page 9.

# CONTACT US

## PARKIT360 INC.

130 Industrial Ave - Unit 600  
Carleton Place, Ontario  
Canada, K7C 3T2

## 1-888-926-5517

Ext. 1 - Sales  
Ext. 2 - Administration  
Ext. 4 - Technical Support

## OFFICE HOURS

Weekdays: 8am - 6pm EST  
[sales@parkit360.com](mailto:sales@parkit360.com)  
[support@parkit360.com](mailto:support@parkit360.com)

# WARRANTY

## THANK YOU FOR YOUR PURCHASE!

We want you to be confident in the quality and durability of your Parkit360 Force Unit.

If you are not completely satisfied with your purchase, please see our Repair and Return policies below.

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## 2 YEAR PARTS & REPAIR WARRANTY

Your Parkit360 Unit is covered for 2 years from the initial date of purchase, and is subject to the Exclusions and Limitations listed below. If your Trailer Dolly fails to perform or a defect is found during this period, contact us with the original sales receipt number and full details of the fault encountered and we will provide technical assistance to see if the issue can be resolved remotely:

If the issue appears to be caused by defective parts, we will provide free replacement parts, excluding shipping costs. If the 2 Year Warranty has expired or if you are not the original owner of the Unit, you will have to pay the cost of parts and shipping.

This repair will be covered for 3 months, starting 7 days from the date of shipment. This Repair Warranty will expire either at the end of the 3 month period, or at the expiration of the original 2 -Year Warranty, whichever is later.

Contact **Technical Support** for more information: [support@parkit360.com](mailto:support@parkit360.com) or toll free at **1-888-926-5517 x 4**.

## 30 DAY RETURN POLICY

If a material defect is found or if the Parkit360 has failed to perform to your expectations, return it within 30 days of the date of sale for a refund, less shipping expenses and 20% restocking fee, provided that:

- Parkit360 is given prompt written or verbal notice of that defect;
- the returned Goods are in undamaged condition and accompanied by all original packaging and accessories; and
- the original sales receipt is presented.

We will provide you with an RMA# to write on the box before sending it back to our warehouse. There are 2 methods of return:

1. Pick-Up: We send a mail truck to your address to pick up the Unit, or
2. Drop-Off: After printing our shipping label and affixing it to the box, simply drop the package off at a UPS or FedEx depot.

The refund amount will be deposited into your account once our Warehouse has received the returned Unit.

Contact our **Sales Representative** for more information: [sales@parkit360.com](mailto:sales@parkit360.com) or toll free at **1-888-926-5517 x 1**.

## EXCLUSIONS AND LIMITATIONS

The 2 Year Warranty and 30 Day Return Policy do not cover:

- Normal wear and tear of the Parkit360 from use
- Shipping Costs for Returns / Repairs
- Customer Neglect and Improper use or Storage of the Parkit360 Unit
- Exceeding the Unit's load capacity / not using the Dolly for its intended purpose
- Any Returns / Repairs requested after the 2 Year Warranty expires
- Unit's that have been modified, or if the Serial Number has been altered, defaced, or removed
- Second Hand Owners (Not the Original Buyer)

## PARKIT360° / FORCE 5K & 10K MANUAL

**Product Warranty Terms.** PARKIT360 warrants that each of its new P360 Products will be free from material defects in workmanship and will perform substantially in conformance with their specifications for 2 years from the date of shipment to Reseller (the "Warranty Period"). The warranty period for a repaired or replaced product is three (3) months, and will expire on either the expiration of three (3) months or the expiration of the original warranty for the P360 Product, whichever is later. This warranty is given in favor of the Reseller. PARKIT360 reserves the right to refund the purchase price of any P360 Product as its exclusive warranty remedy.

**Warranty Claims.** If a P360 Product fails to perform during the Warranty Period, Reseller must notify PARKIT360 in writing with full details of the defect or fault encountered with the P360 Product. PARKIT360 will provide technical assistance to Reseller to see if the issue can be resolved remotely. If the issue appears to be caused by defective parts, PARKIT360 will arrange to provide replacement parts. Replacement parts will be provided by PARKIT360 free of charge to enable Reseller to fix any issues encountered with P360 Products during the Warranty Period. PARKIT360 will ground ship the replacement parts to Reseller and Reseller will be responsible for covering all shipping and handling costs for such parts. Provision of replacement parts constitutes full satisfaction of any warranty claim.

**Voided Warranty.** PARKIT360 will have no liability or obligation to provide replacement parts for free or honor support obligation if:

- any P360 Product which is not properly used or maintained;
- the P360 Product is operated under abnormal operating conditions (eg. exceeding load capacity for that particular model);
- the P360 Product is improperly used or used for purposes for which it is not intended (eg. modified to lift (Tug) 5th wheel trailers)
- or the Warranty Period for the faulty P360 Product is over.

**Out of Warranty/Voided Warranty Assistance.** PARKIT360 may offer at its discretion out-of-warranty product support and/or support and replacement parts for products which the warranty does not cover. Please contact PARKIT360 by email for further information on these services including replacement parts costs which may be available to Reseller at a discount from list price.

### Parkit360 Return Policy

1. If within 30 days of the date of sale, a Customer finds a Product to have a material defect not specified in the catalog (if there is any), or if the Product has not met the Customer's expectations, then subject to sections 2 and 3, the Customer may return the Product, within 30 days of receiving the Product, to the store of original purchase for a refund, less shipping expenses and a 20% restocking fee, provided that:
  - the Customer gives prompt written notice of that defect to the Seller;
  - the Goods so returned are in undamaged condition and accompanied by all packaging and accessories; and
  - the original sales receipt is presented.
2. The processing of any refund on the Product paid for by cheque will require 15 days from the date of return.

If the Product is not returned within 30 days of the date of customer receiving the Product, then the customer will be deemed to have accepted the Product.

### Exclusions and Limitations

3. The following defects and causes are not covered by this Policy:
  - those due to normal wear and tear of the Product arising from use;
  - those attributable in whole or in part to misuse of the Product;
  - those attributable to repair of the Product by any person other than an authorized dealer, or the installation of unapproved parts on the Product; or
  - those attributable to accident or to lightning, act of God, external fire, wind, rain, or damage or deterioration occurring during the course of transit, or as a result of vandalism or other deliberate act;
  - those due to any power surge, brown-out, leaking, damaged or inoperative batteries, or to connection to a power source having a greater rating than that specified in the operator's manual (in case of rechargeable batteries);
  - those caused by the Customer's neglect, improper use or storage, or failure to take care of and maintain the Product in accordance with the Owner's Manual and technical specifications provided therewith.

Notwithstanding anything to the contrary herein, Products with any of the above excluded defects may not be returned.

4. Alteration, defacing or removal of the serial number imprinted on the Product voids this Policy.
5. Those defects caused by failure of any part of the Product if that part is not being manufactured by the Seller; such product, if returned within 30 days of the date of sale, can be replaced with the product of similar or better quality.
6. Where, under this Policy, the Product is replaced with a new Product, this Policy will apply to the new Product as if the date of replacement was the date of the original purchase of the Product.

**Immaterial Defects-Right of Seller to Correct Deficiency.** Where a Product fails to perform in accordance with the specifications, the Customer shall so notify the Seller, and shall allow the Seller 20 business days to repair that Product and cause it to perform in accordance with specifications, or to replace it with a new Product that does so perform, but where the Product or any replacement Product cannot be made to perform in accordance with specifications within that time, the Seller shall repurchase the Product from the Customer for the purchase price less shipping expenses and a 20% restocking fee. This repurchase will constitute a full settlement of all claims of the Customer against the Seller with respect to that Product.

**Last Updated: Oct 1, 2014**