

OWNER'S MANUAL

50cm Light Up Drift Trike

Keycode: 43314591




- ⇒ 50cm front pneumatic wheel
- ⇒ tough steel frame
- ⇒ easy reach steering and front hand brake
- ⇒ light-up flashing PU rear wheels
- ⇒ high impact rear wheels for 360 degrees of spinning fun
- ⇒ maximum loading weight: 80kg
- ⇒ body dimensions 110cm(L) x 56.5cm(W) x 79cm(H)



SAFETY WARNINGS

To reduce the risk of serious personal injury, you should read the instruction in this manual carefully.

There are  **WARNINGS** throughout this manual, please follow all **WARNING** instructions.

WARNING TO AVOID SERIOUS INJURY:

- ✎ Adult assembly is required.
- ✎ Continuous adult supervision is required.
- ✎ This product should only be used by persons 8+ years of age.
- ✎ Never ride with more than one person. Maximum weight is 80Kg.
- ✎ Excessive weight may cause a hazardous or unstable condition.
- ✎ Always wear an approved helmet while riding, with the chin strap securely fastened.
- ✎ Always wear shoes when riding.
- ✎ Always wear kneepads, wrist guards, gloves, and elbow pads when riding.
- ✎ Do not ride the product at dusk, at night or at times of limited visibility.
- ✎ Always comply with local laws and regulations.
- ✎ Ride on smooth paved surfaces. Do not ride on streets or roadways.
- ✎ Do not ride off road, on grass or wet surfaces.
- ✎ Never use near motor vehicles.
- ✎ Do not ride the product over curbs or bumps that can damage the steering mechanism.
- ✎ Do not ride on hills, steeply sloped areas, on or near steps, near swimming pools, or in alleys.
- ✎ Not intended for jumping.
- ✎ The brake may be hot after continuous use. Do not touch after braking.
- ✎ Check brakes and secure all fasteners before every ride.
- ✎ Do not wear headphones or anything else that would impair your ability to hear or see.
- ✎ Understand all operating procedures before riding.
- ✎ Do not push the product.
- ✎ Do not tow or pull any objects with the product.
- ✎ Replace worn or broken parts immediately.
- ✎ Know your limits. Be familiar with your abilities. Use common sense.
- ✎ Not suitable for children under 3 years as small parts may cause a choking hazard.

 **WARNING: Keep small parts away from children during assembly.**

Tools Required (included in the packing)



Allen
Wrenches(5mm/6mm)



Functional Open-end Wrench

Spare Parts



Short screw sets for seat



Long screw sets for front fork



Bolt sets for rear frame

A



Wheel retainers

Parts assembly list

Note: Please check parts list first

No.	Description	Quantity
1	Main Frame	1
2	Front fork	1
3	Rear frame	1
4	Seat	1
5	Front wheel	1
6	Pedal left	1
7	Pedal right	1
8	Short screw set	4
9	Long screw set	4
10	Bolt set	3
11	Wheel retainer	2
12	Allen wrench 5mm	1
13	Allen wrench 6mm	1
14	Open-end wrench	1

Parts Assembly

Rear Frame Installation

1. Slide the Rear Frame (3) into the Main Frame Bracket (1).
2. Install the Bolt sets (10) through the Frame holes.
Note:the front hole of Part A as shown need to use the bolt set A (10), reference the spare parts pic.
3. Tighten securely with Allen wrench (12) and Open-end wrench (14).

 **WARNING:** Frame bolt sets must be sufficiently tightened to ensure they do not come loose.



Parts Assembly

Frame and Front Fork Installation

1. Remove the rod sets on the head of main frame (1).
2. Slide Main frame (1) into Front Fork (2).
3. Insert the Rod again through the aligned holes.
4. Install the lower washers and nuts of rod sets.
5. Tighten securely with Allen wrench (13) and Open-end wrench (14).

 **WARNING:** Frame bolt sets must be sufficiently tightened to ensure they do not come loose.



Parts Assembly

Seat Installation

1. Place the seat at desired position and align the holes in the seat and frame.
2. Place the short screw sets(8) into aligned holes.
3. Tighten securely with Allen wrench(12) and Open-end wrench(14).
4. If needing to move the seat closer to the front or back, the operation is same as above, there are two groups for adjusting as user's comfortable position.

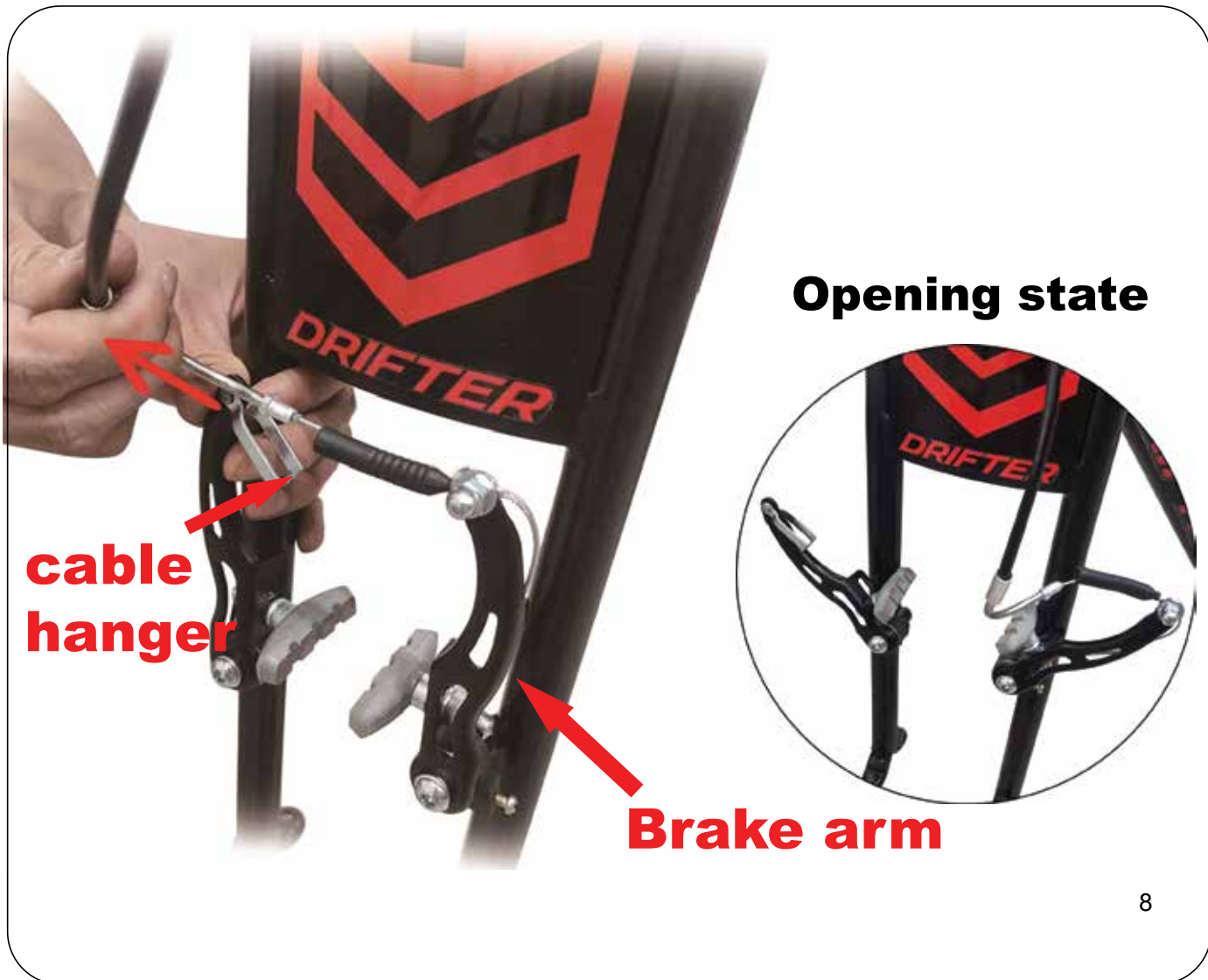


Parts Assembly

Front Wheel Installation

1. Pull brake cable carefully to release it from the cable hanger (or squeeze both sides of the brake arm together to release the cable from cable hanger).
2. Keep the brake arm in opening state to install front wheel.

 **WARNING:** Brake arm should be open first then can be assembly the front wheel.



Parts Assembly

Front wheel installation

This will allow the tyre to fit between the brake pads.

1. Put the front wheel (5) in the front fork (2)
2. **Make sure Right Crank is on the Right side of the unit.**
3. Seat the front bracket correctly on the bearings of wheel

! WARNING: Ensure the front wheel is installed correctly so that the unit moves forward when pedalled.



Parts Assembly

Front Wheel Installation

1. Place a Wheel Retainer (11) on each fork end as shown.
2. Install Long Screw Set (9) through fork ends and wheel retainer.
3. Tighten them securely and evenly.
Make sure wheel spins freely.

 **WARNING:** Ensure the wheel retainer is kept in correct state.



correct state



incorrect state

Parts Assembly

Pedal Installation

Note: There is a pedal marked “R” and a pedal marked “L”.

1. The pedal marked “R” has right hand threads. Insert it into the crank arm on the right side. Tighten it in a clockwise direction.
2. The pedal marked “L” has left hand threads. Insert it into the crank arm on the left side. Tighten it in a anticlockwise direction.
3. Make sure both pedals are threaded fully into the crank arm. Tighten the pedals to ensure they will not come loose.

Note: An open-end wrench(14) is preferred for attaching pedals.

 **WARNING:** Pedals must be sufficiently tightened to ensure they do not come loose.



Brake System Adjustments

 **WARNING:** You must adjust the front brakes slightly as written before you ride the unit.

Note: The brake system is not assembled by the user, however need to adjust as shown after installing front wheel.

Note: Ensure the wheel is centered, keep even space between wheel and fork (both sides)

1. Push the V-brake and place brake cable back into the cable hanger (or squeeze the brake arm to place the cable back into the hanger)
2. **Keep correct position of brake cable in the cable hanger**



Correct Position



Incorrect Position

Brake System Adjustments

Brake Pad Adjustment

1. Put the brake pads in the correct alignment position.
2. Adjust each brake pad by the bolt as shown so it is flat against the rim and aligned with the curve of the rim. Make sure each brake pad does not rub the tyre.
3. Test the tightness of each brake pad: try to move each brake pad out of position. If a brake pad moves, do step 1&2 again, but tighten the nut tighter than before. Do this test again, until each brake pad does not move.

Note: All parts of the product have been pre-assembled, please make fine tune appropriately according to the needs of the product during assembly.

Correct alignment



Bolt for adjusting the brake pad, the same with opposite side

Incorrect alignment



Incorrect alignment



Brake System Adjustments

Caliper Arm Adjustment

1. After adjusting the brake pad well, squeeze the brake lever to check that the brake arms are working at the same time.
2. If they do work, it is unnecessary to adjust the screws.
3. If it doesn't work, adjust the corresponding side screw slightly as below:

Loosen the screw to reduce the tension of caliper arm.

Tighten screw to increase the tension of caliper arm.

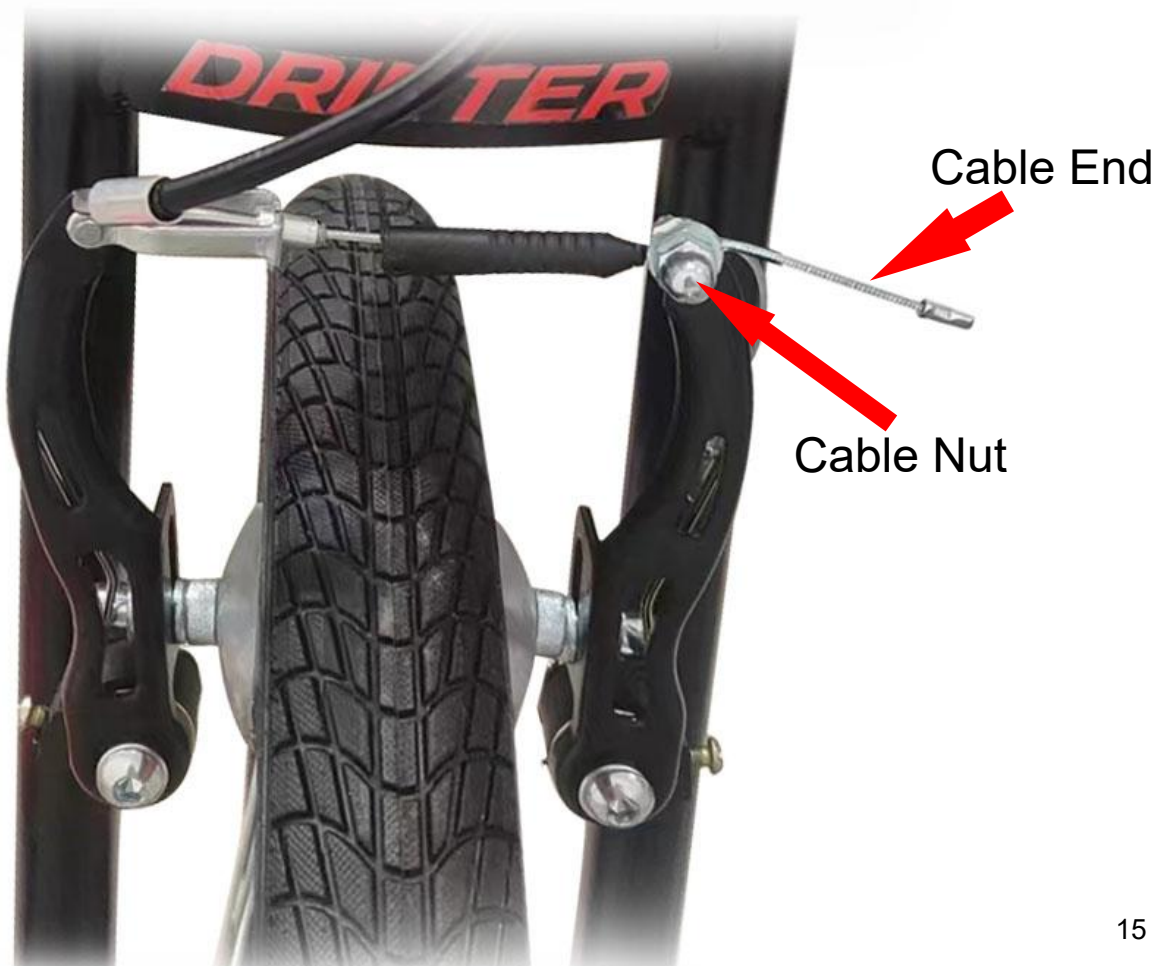
4. Try to squeeze the brake lever several times until the arms are worked at the same time.



Brake System Adjustments

Brake Cable Adjustment

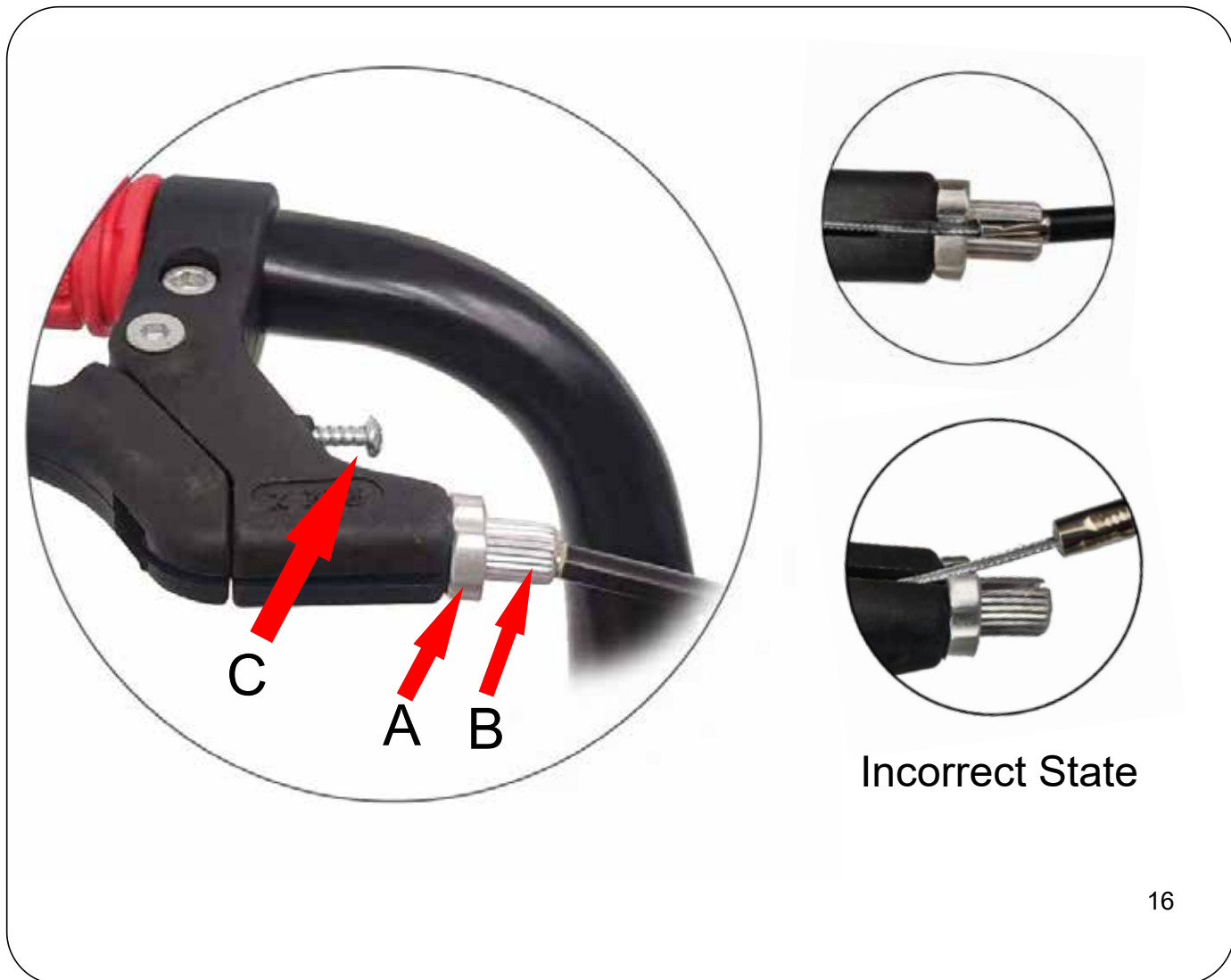
1. Stretch the cable: Hold both brake pads against the rim. Loosen the cable nut, pull the cable end slightly and tighten the cable nut to check the distance between the wheel and pads, it should be the same.
2. Squeeze brake lever to check whether the brake pads are worked at the same time.
3. Repeat step 1&2 until the brake work normally.



Brake System Adjustments

Brake Lever Adjustment


1. Make sure the cable is seated in the brake lever slot
2. Do not line up the gap between A and B, otherwise the cable will come out.
3. B is the function of adjusting the cable slightly when needed, and A is the function to lock B after adjusting.
4. C is adjusting the spring of brake lever.




Brake System Adjustments

Final Checking for Adjusting by Squeezing Brake Lever

1. Check the alignment of brake pad with rim, if not aligned, adjust ④ slightly.
2. Check the distance of brake pad with rim, if the distance is inconsistent, coordinate and adjust with ① ② slightly.
3. Check that the caliper arms work at the same time, if not adjust ③ slightly.

 **WARNING:** Do not overtighten the cable clamp. Overtightening the cable clamp may cut the cable and cause injury to the rider or to others.

 **WARNING:** If the brake doesn't work well, have a bicycle service shop repair or adjust the brake.

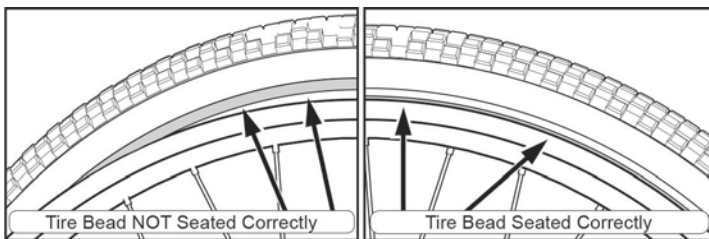


Safety Usage Warnings

- Always check and inflate the tyre to the correct PSI before first time use, there is PSI indicated on the sidewall of the tyre. Do not ride or sit on the unit if a tyre is under inflated. This can damage the tyre and inner tube.
- Best foot position when drifting is to coast and “brace” yourself with the “inside” pedal on the turn. This will both help control the drift and will allow the “outside” leg to best avoid contact with the wheel.
- Keep both feet on the foot pedals when unit is in motion.
- Drifting while pedalling may involve sharp turns of the front wheel, which may cause the wheel to make contact with rider’s lower leg. Be aware it may be necessary to temporarily remove your foot from pedal to avoid contact with wheel. Such turns present increased risk of injury.
- The Drift Trike is not the same as an “ordinary” tricycle and therefore may require greater skill to ride than an ordinary tricycle.
- It is designed to allow movement forward and extreme sideways drifting. Using this product requires open space, free of other traffic or obstacles, and it is best ridden by a practiced rider aware of the product’s capabilities and willing to accept risks associated with drifts and fast moving actions.

Inflating the Front Tyre

- Use a hand or a foot pump to inflate the tyre.
- The maximum inflation pressure is shown on the tyre sidewall.
- Before adding air to any tyre, make sure the edge of the tyre (the bead) is the same distance from the rim, all around the rim, on both sides of the tyre. If the tyre does not appear to be seated correctly, release air from the inner tube until you can push the bead of the tyre into the rim where necessary. Add air slowly and stop frequently to check the tyre seating and the pressure, until you reach the correct inflation pressure.



Tyre pressure PSI to Kpa conversion

35PSI=241Kpa

40PSI=275Kpa

Maintenance

- Frequently check the tyre inflation pressure because all tyres lose air slowly over time. For extended storage, keep the weight of the bicycle off the tyres.
- Do not use unregulated air hoses to inflate the inner tubes. An unregulated hose can suddenly over inflate tyres and cause them to burst.
- Replace worn tyres.