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User's manual	Manual del usuario	Manuel de l'utilisateur
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INDUSTRIAL TRICYCLE USER MANUAL

Models: B3232863, B3244024



B3232863 **B3244024**

WARNING:
FULLY READ AND UNDERSTAND THIS MANUAL BEFORE ASSEMBLING OR RIDING/USING THE INDUSTRIAL TRICYCLE.

Industrial Tricycle

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Tools Required:

- 1/2", 9/16", 5/8", 15/16" Wrench
- Adjustable Wrench
- #2 Phillips Head Screwdriver
- Flat Head Screwdriver
- M5, M6 Allen Key
- Scissors/Snipping Tool
- Bicycle Tire Pump

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Disclaimer

Please fully read through this manual and understand its contents before assembling and riding the industrial tricycle for the first time. Learning about this tricycle, its maintenance, and safe riding practices will yield a longer product lifespan and prevent injuries to users. There are several safety and warning notes in this manual that should be followed. When riding a tricycle, like many physical activities, there is a risk of injury and damage resulting from the lack of safe practices and/or proper maintenance. This manual will guide the user on how to ride safely and keep the tricycle in good condition.

This tricycle Is designed for business and commercial use, but can also be used recreationally. Its performance and lifespan will vary depending on frequency of usage, environment where used, and average load weight. Proper maintenance, regular inspection, and part replacement will extend the product's service life and ensure the user's safety.

Warning!

Cycling can be a hazardous activity. The tricycle user/rider is ultimately responsible for safe riding and proper maintenance of the tricycle. Failure to observe the safety rules and warnings stated in this manual may result in property damage, personnel injury, or even death. Follow all warnings, advices, and instructions in this manual to avoid and reduce the risk of bodily harm.

Safety Information

ALWAYS WEAR A SAFETY HELMET!

When riding in a workplace environment, it is highly recommended to wear a helmet or hard hat. Ensure the helmet meets or exceeds ANSI and Snell safety standards (look for a safety certification label inside the helmet). Riding without a helmet may result in serious injury in the event of an accident. Consider wearing additional protective equipment like high visibility vests when riding.

ADJUST THE SEAT HEIGHT!

The seat post can be raised or lowered to match the rider's height. The handle bar can also be tilted back or forth to accommodate the rider.

ONLY ONE RIDER ON THE TRICYCLE AT A TIME!

Only one person should be on the tricycle at any given time. Do not transport personnel.

DO NOT STAND ON TRICYCLE!

The rider should remain seated at all times when operating the tricycle. Do not stand up when cycling.

LEARN HOW TO RIDE A BIKE BEFORE USING TRICYCLE!

While riding a tricycle does not require the balancing and coordination skills needed to ride a bike, it is strongly advised to learn the basic concepts of bicycle riding as well as the special handling and techniques unique to tricycles.

ADJUST SPEED WHEN RIDING ON DIFFERENT SURFACES!
The surface where the tricycle is ridden will heavily affect its performance. As such, users should learn how to handle riding the tricycle on different surface conditions (such as riding at a slower speed when travelling on low friction surfaces). Due to the size and weight of the tricycle, avoid riding it on the following environments: narrow sidewalks, off-road trails, and steep gradients.
If riding up/down a ramp or hill, exercise extreme caution and slow down. Brake effectiveness is reduced in wet conditions, so slow down when travelling on slippery conditions. Lastly, avoid sharp turns at high speeds.

LEARN THE LOCAL AND STATE LAWS AND ORDINANCES!
If the tricycle is used on streets, public trails, or bike routes, the rider must learn about the laws regulating bicycle usage and mandatory safety equipment.

USE SAFETY DEVICES WHEN IN THE WORKPLACE!
When riding the tricycle in a in a workplace like a warehouse, ensure that the safety devices (brakes, bell, and reflectors) are present and operational.

INSPECT THE TRICYCLE BEFORE RIDING!
Before using the tricycle, inspect all the components are not damaged. A checklist can be found at the end of this manual.

DO NOT WEAR HEADPHONES WHEN RIDING THE TRICYCLE!
Do not wear headphones or any other device that impedes hearing when riding the tricycle. It is against the law in some states to ear ear devices in both ears when riding a bicycle.

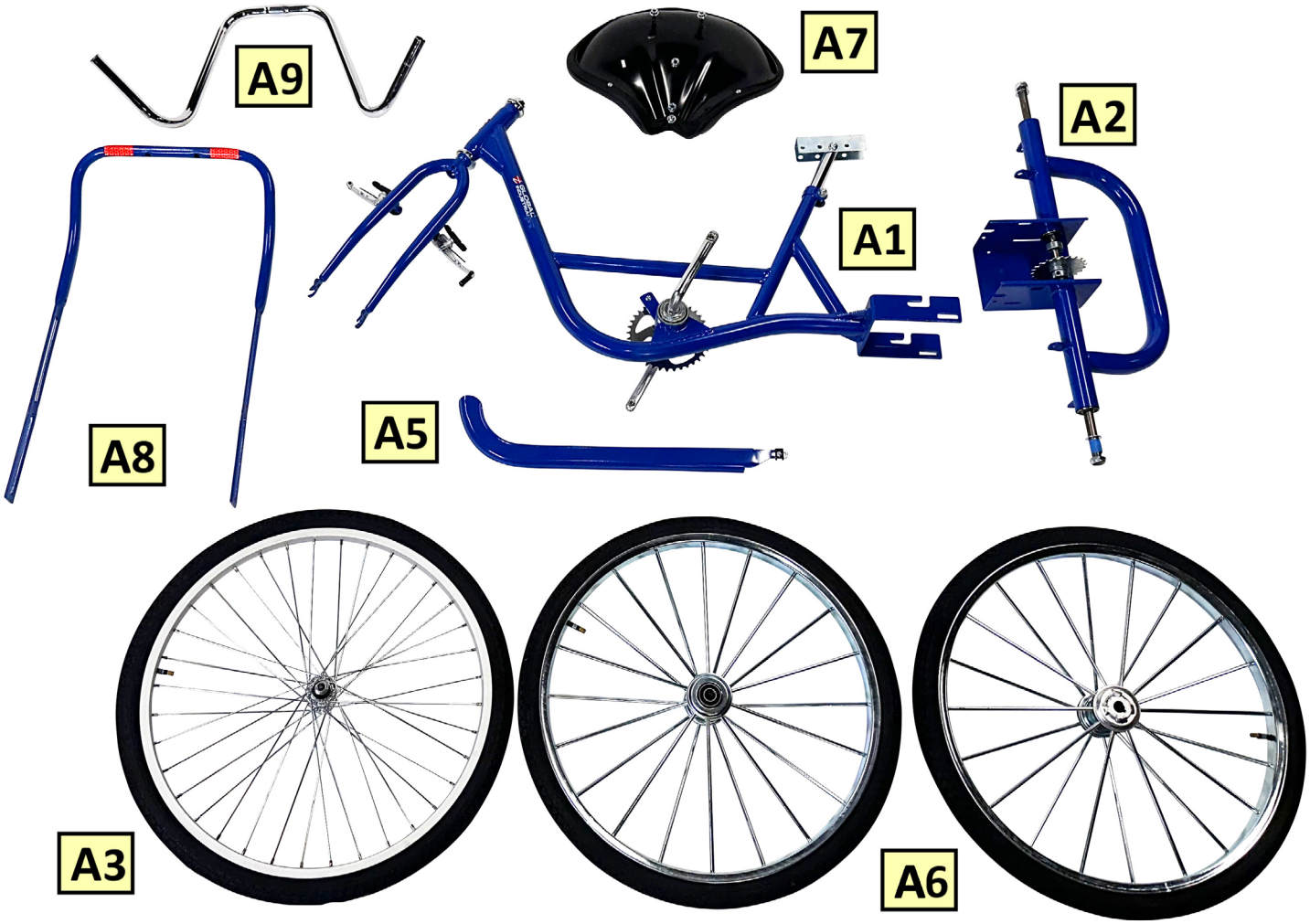
AVOID RIDING THE TRICYCLE AT NIGHT!

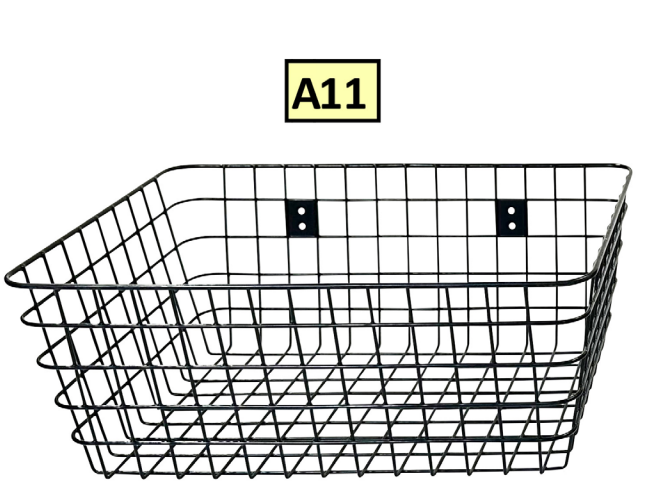
Cargo Loading Recommendations

The maximum rated capacity for this industrial tricycle is 500 lbs. When loading the basket or box on the tricycle, ensure that the weight is distributed evenly with 75% of the weight directly over the rear axle of the tricycle. Cargo should not be stacked too highly and any loose pieces/boxes should be secured. If the tricycle has a basket attachment, avoid loading small items that may fall through the holes.

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Parts Diagram + Parts/Hardware List

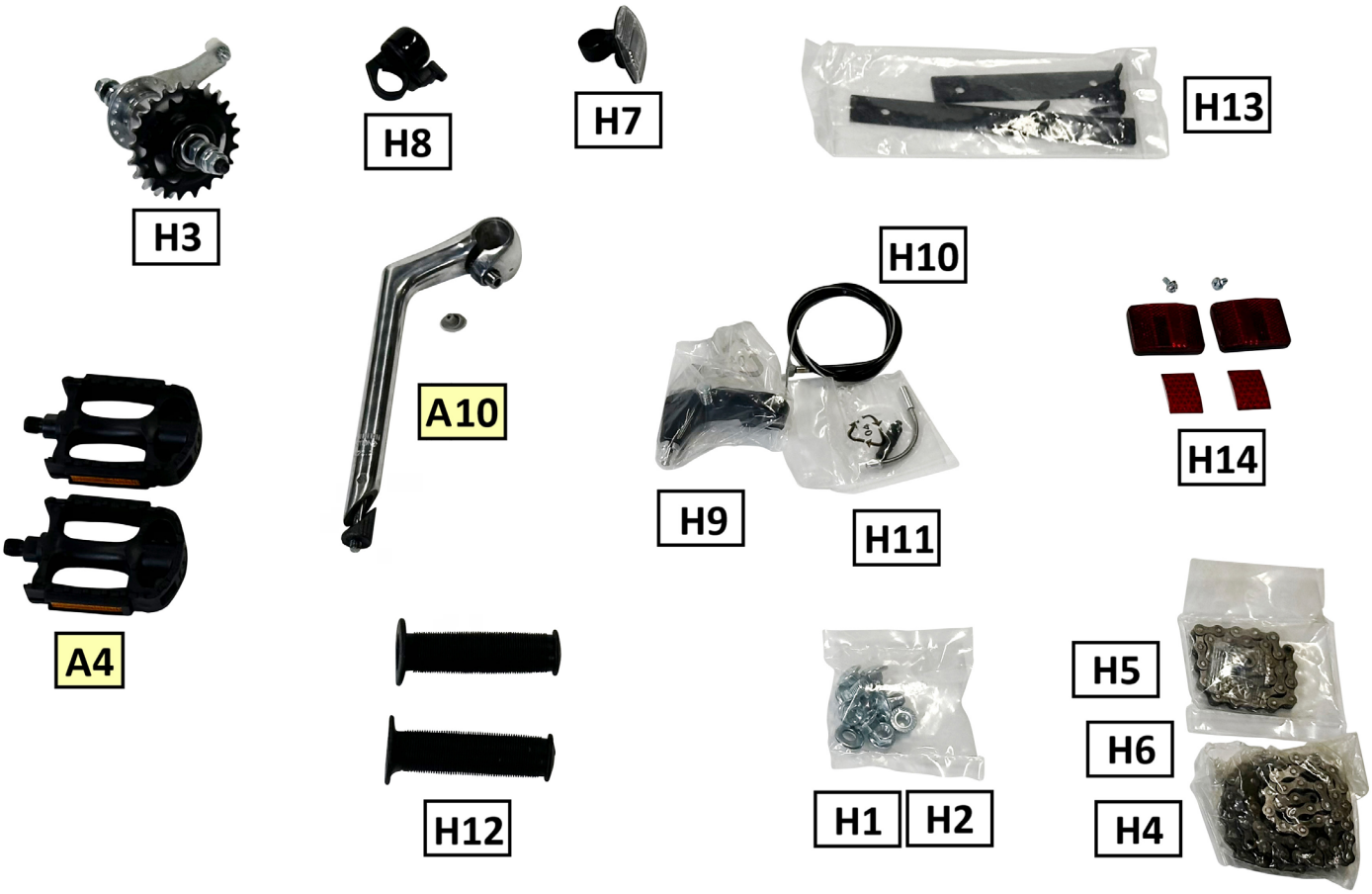






NOTE: Parts A4 & A10 are on the next page.

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PARTS LIST

Ref No.	Description	Qty
A1	Front Frame	1
A2	Rear Frame	1
A3	Front Wheel	1
A4	Pedal	2
A5	Chain Guard	1
A6	Rear Wheel	2
A7	Seat/Saddle	1
A8	Sissy Bar	1
A9	Handle Bar	1
A10	Stem	1
A11	Wire Basket	1
A12	Storage Box	1

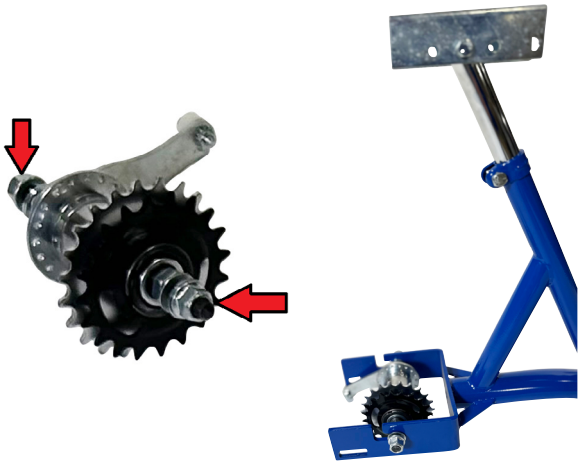
HARDWARE LIST

Ref No.	Description	Qty
H1	3/8" Carriage Bolt	4
H2	3/8" Flange Nut	4
H3	Cassette	1
H4	Drive Chain	1
H5	Transmission Chain	1
H6	Connecting Link Kit	2
H7	Front Reflector Kit	1
H8	Bell	1
H9	Brake Lever	1
H10	Brake Cable	1
H11	Brake Caliper Kit	1
H12	Handle Grip	2
H13	Basket/Box Mounting Kit	1
H14	Back Reflector Kit	1

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Tricycle Assembly

1 Frame Assembly

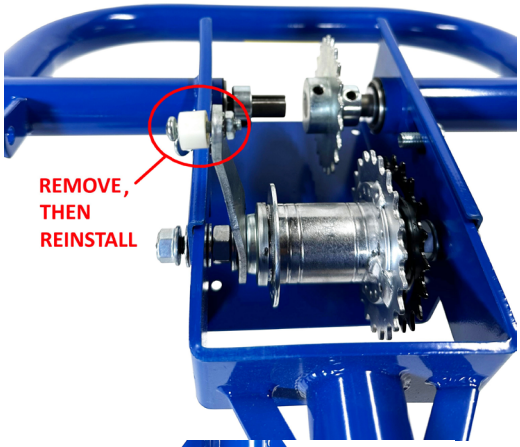


1. Loosen, but do not remove, the nuts on the cassette (H3).

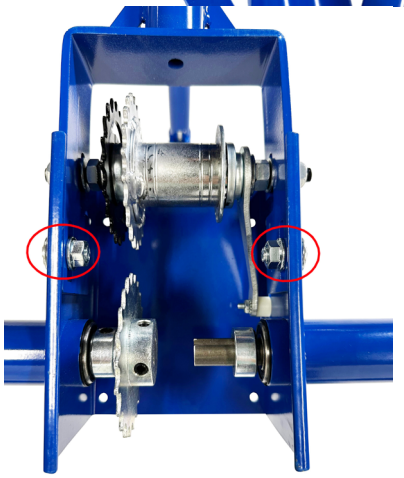
2. Slide the cassette into the L-shaped slots on the back end of the front frame (A1). The gears should be on the right side. Flip the frame upside down.



3. Slide the rear of the front frame (A1) into the transmission box on the rear frame (A2). Ensure the cassette axle fits into the half-slots on the rear frame. The silver gear on the cassette must align with the gear on the rear frame.



4. Remove the nut, spacer, and screw from the cassette arm using a Phillips screwdriver. Rotate the arm until its screw hole aligns with the slot on the rear frame. Reinstall the screw, spacer, and nut.



5. Install two 3/8" carriage bolts (H1) through the slots on both frames. Ensure the square shoulders seat properly in the slots. Hand-tighten the flange nuts (H2). Do not fully tighten yet.

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2 Front Wheel



1. Inflate the front wheel (A4) to 50–70 psi.

2. Loosen, but do not remove, the axle nuts.



3. Slide the wheel axle into the fork slots on the front frame.
   - The fork slot must sit between the washer and axle nut.
   - The bent tab on the washer must hook into the fork holes.

4. Tighten the axle nuts with a 5/8" wrench.
   NOTE: Do not overtighten. The wheel must spin freely.

3 Pedals



1. Install the pedal marked “**R**” into the right crank. Turn **clockwise** to tighten.

2. Install the pedal marked “**L**” into the left crank. Turn **counter-clockwise** to tighten.

   NOTE: The "L" and "R" can be found on the threaded rod of the pedal.

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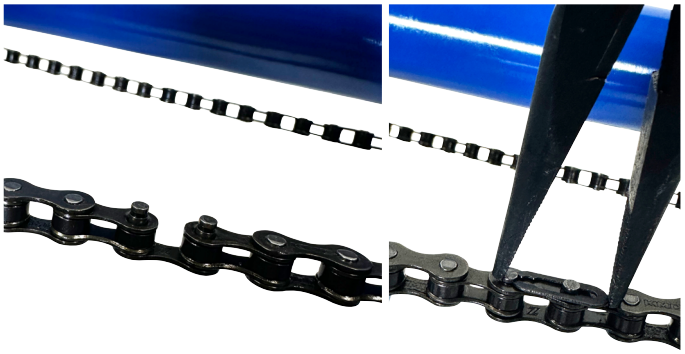
4 Chain Installation

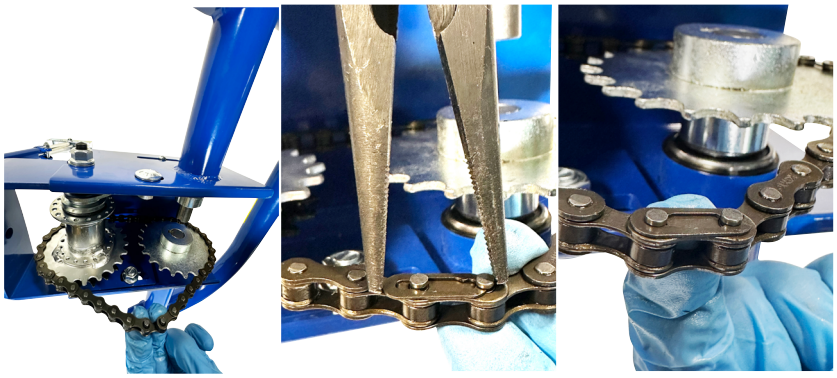


Drive Chain (H4)

1. Loop the longer chain over the crankset gear (front frame A1) and the black transmission gear.

2. Join the chain ends using the connecting link kit (H6):
   - Insert both chain ends onto the link pins.
   - Place the link plate over the pins.
   - Install the spring clip with pliers.





Transmission Chain (H5)

1. Repeat the same steps using the transmission chain and connecting link kit (H6).





Chain Tensioning

1. Pull frames A1 and A2 apart to tension the chains.
2. Rotate the pedals to ensure smooth movement.
   - **If chain slips**: Increase tension by pulling the frames further apart.
   - **If chain binds**: Reduce tension by pushing frames closer together.

   WARNING: Keep fingers away from chain when rotating pedals.

3. Once tensioned properly, fully tighten the carriage-bolt nuts (H2).

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5 Chain Guard



1. Remove the rear screw on the chain guard (A5).
2. Remove the bolt from the bracket near the crankset with a flathead screwdriver.



3. Position the chain guard over the chain. Slide the rear of the guard under the transmission box.
4. Align the plastic grommet with the slot and reinstall the rear screw—do not tighten fully.



5. Align the front chain-guard hole with the bracket and reinstall the bolt—do not fully tighten.
6. Rotate pedals to check clearance. Adjust as needed.
7. Once the chain moves without rubbing, fully tighten both fasteners.

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6 Saddle Seat





1. Remove the four 1/2" nuts from the threaded studs under the seat (A7).





2. Attach the sissy bar (A8) to the two rear studs, then reinstall and tighten the nuts.
3. Loosen the seat clamp on the front frame and remove the seat post with 2x 1/2" and/or adjustable wrenches.



4. Attach the top of the seat post to the remaining two seat studs and tighten.





5. Reinstall the seat post into the front frame.
6. Align the ends of the sissy bar with the brackets on the rear frame.
7. Secure using 2x carriage bolts (H1) and nuts (H2).
8. Adjust seat height, then tighten all bolts.

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7 Rear Wheels





1. Inflate both rear wheels (A6) to 50–70 psi.
2. Remove the axle nuts with a 15/16".
3. Identify the wheel with the key slot.





4. Identify the keyed axle (taped key). Remove the tape and the key.





NOTE: Tricycle frame will need to be suspended or flipped unside down to mount the rear wheels.

5. Slide the keyed wheel onto the axle with the key slot facing outward.
6. Align slots and reinstall the key. Reattach the axle nut.





7. Install the second wheel on the opposite axle and reinstall the nut.

Note: Do not overtighten. Wheels must spin freely.

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8 Handlebar + Accessories



1. Slide the handlebar (A9) into the stem (A10) clamp until centered. Tighten the clamp bolt with an M6 Allen key.

2. Insert the stem into the fork. Align straight, with brake pads facing forward.
3. Tighten the stem bolt with an M6 Allen key and install the rubber plug.

Accessories



Front Reflector (H7):

1. Loosen clamp screw, position on handlebar, tighten.



Bell (H8):

1. Install with Phillips screwdriver; trigger should face rider.

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Brake System:

1. Attach the brake lever (H9) to the right handlebar. Tighten with M5 Allen key.



2. Align adjusting knobs to form a slot. Insert brake-cable nipple (H10).



3. Rotate knobs to close the slot.



4. Assemble the brake kit (H11) onto the right brake caliper.
5. Loosen the screw on the opposite caliper, feed the cable through, then tighten.
6. Adjust until:
   - Brake lever fully clamps the rim when pressed.
   - Wheel spins freely with no brake rubbing when released.
7. Trim excess cable with scissors/snipping tools.

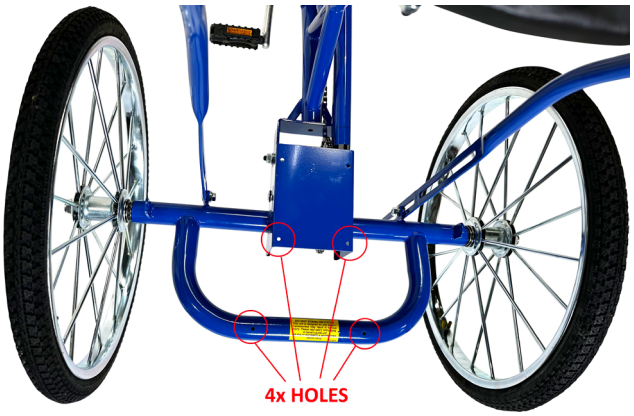


Handle Grips (H12):

1. Install hand grips (H12). Use lubricant if needed.
Note: Use soapy water only—no oil or grease.

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9 Basket / Storage Box



Use the four pre-drilled holes on the rear frame.



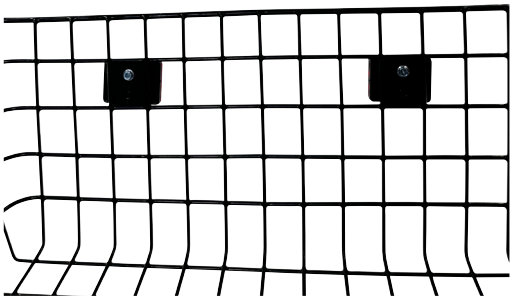
Wire Basket (A11):

1. Position basket with reflector mounts facing rear.

2. Align all four holes.



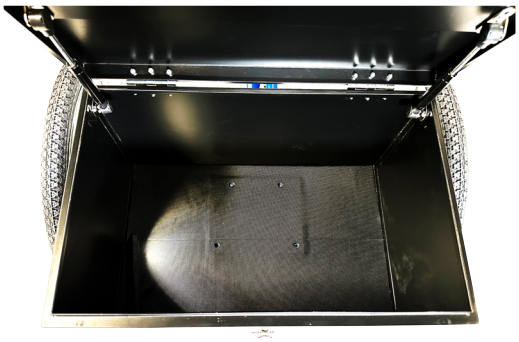
3. Place mounting plates (H13) over the holes and install all four screws.

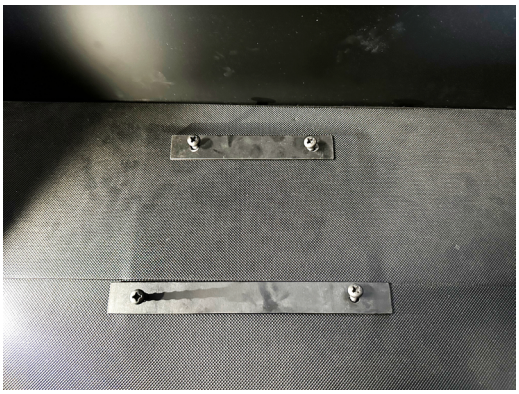




4. Install two rear reflectors (H14) onto basket.

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Storage Box (A12):

1. Align the storage-box holes with the frame holes.

2. Install mounting plates (H13) and screws (H13) to secure.

10 Final Inspection





Before using the tricycle:

- Ensure all tires are inflated to the correct pressure.
- Ensure the brake engages firmly and releases cleanly.
- Ensure the chain meshes with the gears smoothly and rotates without binding.
- Ensure all nuts and bolts are fully tightened.
- Test bell to ensure it rings loudly.

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Maintenance + Tricycle Care

Caution:
User should perform regular maintenance and inspections to extend the lifetime of the tricycle and ensure user's safety when riding it.

Regular Maintenance

To be performed bi-monthly:

- Keep all painted parts cleaned (and optionally waxed) for the coat of paint to last longer.
- Spray all chrome components with a protective spray coating (recommended examples: LPS-1, WD40, etc). Let the parts sit overnight so the coating will penetrate.
- Lubricate the following areas:
  - » Pivot points at the top and bottom of seat/saddle.
  - » Axle shafts.
  - » Inside bearings of both pedals.
  - » Chain. Rotate the chain so the entire length is well lubricated.
- If storing over prologed periods, store the tricicyle upside down to prevent the tires from flattening. If storing outdoors, cover the tricycle to protect the finish and moving parts.

Preventative Maintenance

To be performed every six months:

- Check tires for punctures, wear, rim cuts, and valve core alignment (caused by improper air pressure). Replace tire if necessary.
- Check wheels for cracks and misalignment.
- Check if brakes function properly.
- Clean and repack all bearings. If bearings are worn, replace them.
- Check if chain needs to be readjusted and cleaned. If chain is damaged, replace it immediately.
- Check if handle grip is loose or worn. Replace if they are.
- Check for loose nuts and bolts and retighten them if found.

Inspection Checklist

To be performed on a regular basis before use:

1. Coaster brake- Ensure that the brake engages by pedaling backwards.
2. Wheels- Check wheels are aligned.
3. Pedals- Inspect pedal bearings and ensure pedal is tightly attached to the crank.
4. Chain- Check for proper tautness.
5. Seat- Adjust seat to rider's preference.
6. Tires- Keep tires inflated to the recommended tire pressure.
7. Chain guard- Inspect chain guard. If damaged or missing, do not use tricycle and replace it immediately.
8. Frame- If frame is damaged, do not use tricycle and replace the frame immediately.