Snappy Foot AmTryke
#50-FC-0150
# Contents

About AmTrykes® ................................................................. 1  
About This Manual ............................................................... 1  
Safety ......................................................................................... 2  
  Safe Riding Tips ................................................................. 2  
  Brakes .................................................................................... 3  
  Shift Gears ........................................................................... 4  
Assembly Instructions .............................................................. 5  
  Getting Started ................................................................. 5  
  Frames .................................................................................. 7  
  Back Wheels ......................................................................... 8  
  Loading Brake ...................................................................... 8  
  Handlebar ............................................................................. 9  
  Seat ...................................................................................... 9  
  Pedals .................................................................................. 10  
    Pedal Leveler Pulley .......................................................... 10  
    Steering Pin ........................................................................ 10  
Fitting AmTryke for Rider ....................................................... 11  
Optional Accessories ............................................................... 12  
Troubleshooting ....................................................................... 12  
Maintenance ............................................................................ 13  
  Wheels and Tires ................................................................. 13  
  Brakes .................................................................................. 13  
  Chain .................................................................................... 13  
  Maintenance Schedule ....................................................... 14  
Warranty ................................................................................... 15  
Useful Information .................................................................... 15  
  AmTryke Therapeutic Tricycle Program ............................... 15  
  Donations ............................................................................ 16  
  Returns ............................................................................... 16  
  Refunds ............................................................................... 17  
AmTryke Sizing Charts ............................................................ 18  
Tools ......................................................................................... 18
About AmTrykes®

AmTryke® therapeutic tricycles, owned and operated by National AMBUCS™ Inc., are designed for people with disabilities who are unable to operate a traditional bicycle. AmTryke tricycles or “trykes,” can be operated by feet, hands or both, and include a wide variety of models. The trykes can also be adjusted to fit the needs of different riders, including frame size, type of seat, trunk and leg supports.

AmTryke’s Snappy model was developed for children. It features a fixed front wheel and pedals that always rotate to teach children the motion of pedaling, as well as building strong leg muscles. Adjustable seating allows positioning forward/back for multiple leg lengths. Snappy seat features a padded bench seat and contoured back/head support, which can be positioned forward/back. A loading brake makes transfer of rider safe and easy. This tryke also has a safety steering pin for parental control.

Snappy can be adapted with several accessories. See Optional Accessories in this manual for more information. You can also visit our website for most up to date information at www.ambucs.org.

About This Manual

Read this manual carefully before assembling your tryke or using it for the first time. This manual includes important information about safety, assembly and maintenance. Keep this manual in a safe place for information and for ordering accessories/parts.

AMBUCS/AmTryke reserves the right to make changes to the design and technology of AmTrykes. The assembly instructions are accurate as of the date of this manual’s printing.
Safety

Safety is very important to us. AmTryke products are designed in accordance with the latest safety standards and are constantly monitored for quality. We use information from this quality control to develop our products.

We urge all riders to seek the opinion of their health-care provider(s) before riding their tryke.

AmTrykes should be used for their intended purpose only.

Safe Riding Tips

Before riding, familiarize yourself how the tryke operates — it’s steering, braking and shift gears (if applicable). Adjust the seat, handlebars and pedals to fit the rider. See Fitting AmTryke for Rider section in this manual for more information.

Here are some tips about riding safety:

- AmTrykes should be used with close adult supervision.
- Riders must wear helmets. All our trykes include a free safety-rated helmet. The helmet must fit appropriately. A properly fitting helmet sits on the head comfortably — a helmet that sits high on the head is too small. Some movement is acceptable, but a helmet that moves a lot is too large. See the illustration below for reference:

<table>
<thead>
<tr>
<th>Correct Way to Wear Helmet</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIGHT</td>
</tr>
<tr>
<td>Wear the helmet flat atop your head, not tilted back at an angle.</td>
</tr>
<tr>
<td>Make sure the helmet fits snugly and doesn’t obstruct your vision. The chin strap should fit securely and the buckle stay fastened.</td>
</tr>
</tbody>
</table>

NOTE: Be careful not to pinch the skin when fastening helmet buckle.

For more information about finding the correct size helmet, see Helmet Sizing Chart on page 19.
• Riders must wear shoes. If shoes have laces, they must be tied properly.

**WARNING: NEVER ALLOW MORE THAN ONE RIDER ON AMTRYKE.**

• Most trykes are equipped with a steering pin and have three steering options available:
  o **Full steering**: No steering pin. This option allows riders to make sharp turns and is appropriate for riders who ride at slow speeds or in close quarters. Close adult supervision is required.
  o **Limited steering**: This option allows riders to turn 20 degrees in either direction, thus, reducing the risk of over-steering or tipping over.
  o **No steering**: This option allows for riding straight only. A supervising adult is required to turn the tryke.

• To avoid tipping the tryke over, approach wheelchair ramps or thresholds at a 90-degree angle.

**WARNING: DO NOT RIDE IN OR NEAR TRAFFIC, OR WHERE THERE IS A RISK OF FALLING OFF CURBS, STAIRS, POTHOLES OR OTHER HAZARDS.**

• Use caution on sloped parking lots, driveways and sidewalks. Avoid excess speed by having an adult restrain the tryke from behind on sloped surfaces. The trykes have many options for control features. Consult AmTryke to find out the best solution for your rider.

• Many riders do not have the motor skills required to be able to use the hand brake effectively.

**WARNING: DO NOT RESTRAIN TRYKE BY GRABBING HANDLEBARS OR HAND BRAKE — THIS MAY CAUSE IT TO TURN SHARPLY AND TIP OVER.**

• Depending on trunk stability, behavioral compliance and body awareness, some riders may need supports (e.g., lateral, head), belts (e.g. lap, shoulder), hip abductors or other specialized equipment. A physical therapist/health professional can assist you with any recommendations.

• Riders should only be allowed to ride trykes that are the appropriate size. If you are uncertain, refer to *AmTryke Sizing Charts* in this manual or contact a physical therapist.

• Before riding, always check that all tires are inflated properly.

• If parts are broken or missing, the tryke should not be used until repaired.

**Brakes**

If your tryke has brakes (front or coaster brakes) be careful when using the brakes. Operate the brakes gradually. If your tryke has front brakes (front caliper brake or both front caliper brake and rear disk brake) squeeze the brake
lever(s) gradually until you feel brake(s) working. The left brake lever operates the front caliper brake and the right lever operates the rear brake. To stop your tryke, use both brakes. It is advisable to start braking by operating the rear brake slightly before the front brake.

**WARNING:** BE CAREFUL WHEN OPERATING BRAKES. SUDDEN BRAKING MAY CAUSE TRYKE TO TIP OVER.

**Shift Gears**

If your tryke has shift gears, use precaution when shifting gears. When shifting gears keep pedaling but reduce pedaling pressure. Do not try to change gears when pedals or wheels are not moving. Also, never change gears while back pedaling and do not force the gear shifter when changing gears.

**CAUTION: USE CAUTION WHEN SHIFTING GEARS.**
Assembly Instructions

Refer to the following instructions on how to assemble your tryke. Study the instructions carefully before beginning assembly and follow the sequence shown in the instructions.

**NOTE:** AmTryke must be assembled by an adult.

Be careful when assembling your tryke. Make sure that your working area is free of possible sources of danger, such as tools lying around.

**WARNING:** THERE IS ALWAYS A DANGER OF INJURY WHEN WORKING WITH TOOLS OR DOING MANUAL WORK.

Always dispose of packaging material properly. Do not let children play with plastic bags.

**WARNING:** THERE IS A RISK OF SUFFOCATION WITH PLASTIC BAGS. KEEP PLASTIC BAGS AWAY FROM CHILDREN.

When assembling your tryke, bolt all parts together loosely at first and check that they have been put together correctly. Tighten lock nuts by hand until snug; then use proper tools to tighten nuts completely.

**CAUTION:** CHECK THAT ALL SCREWS HAVE BEEN SECURELY TIGHTENED BEFORE USING YOUR TRYKE.

Getting Started

Your AmTryke is shipped in parts. Carefully remove and lay out all parts from the carton so that you don’t scratch or lose any parts or pieces. Check that you have all the necessary parts. If any parts are missing, please call us at 1-888-AMTRYKE for assistance.

Remove packaging material and discard. See the following picture to identify different parts:
Your AmTryke also includes the following hardware not shown in the picture above:

![Snappy parts](image)

You need the following tools for assembly (too see a picture of different tools, see page 20):

![Hardware](image)
Frames

Your tryke is shipped with the front wheel already attached to the main frame. Start assembling your tryke by first sliding the seat post bracket onto the main frame.

NOTE: The two seat post bracket knob holes should be on the bottom right side of the tryke.

Put the two seat post bracket knobs into their holes but do not completely tighten the knobs (that is done when the tryke is adjusted for the rider).

To attach the frames, slide the rear frame onto the main frame.

NOTE: Pay attention to orientation. Rear axle is on top of the frame assembly and vertical post for loading lock is on right side of tryke.

Install two quick release levers in the holes at the back of the rear frame. Use black plastic washers with the levers and add nuts to the other side of the frame.

TIP: Use the quick release wrench to easily tighten quick release levers.

CAUTION: QUICK RELEASE LEVERS MUST BE FULLY TIGHTENED BEFORE RIDING. TIGHTEN LEVERS UNTIL SNUG AND PUSH DOWN AGAINST FRAME. MAKE SURE THEY DO NOT WOBBLE.
Back Wheels

To install the back wheels, follow these steps:

1. Slide the wheels onto the axle and secure them with a washer and nut. Tighten securely with a 22 mm socket or adjustable wrench, but do not over tighten.

   **TIP:** Air inflation valve faces the inside of the tryke.

2. Install white plastic nut caps over the axel nuts. Tap with the palm of your hand to secure in place.

   **CAUTION:** MAKE SURE BACK WHEELS ARE FULLY TIGHTENED BEFORE RIDING.

Loading Brake

Loading brake is used to help transition rider on/off the tryke safely and easily. To install the loading brake, slide it on the rod on the rear frame. Tighten the loading brake nuts with a 10 mm wrench or socket.

**NOTE:** Top of the loading brake should be flush with the top of tube. Make sure that the lever is not touching the tire. The handle needs to be in line with the tire and point toward the front of the tryke.

**WARNING:** DO NOT USE LOADING BRAKE FOR BRAKING. DOING SO MAY CAUSE SERIOUS INJURY.
Handlebar
To install the handlebar, slide the handlebar stem into the top of the front fork.  

⚠️ CAUTION: HANDLEBAR STEM MUST BE INSERTED INTO FORK HEAD TUBE TO AT LEAST MINIMUM INSERTION LINE (HASH MARKS). WHEN INSTALLED PROPERLY HASH MARKS ARE NOT VISIBLE.  

Tighten the stem at the top using the Allen wrench provided.  

TIP: Handlebar may be installed with stem pointing in either direction to accommodate smaller or larger riders.

Seat
Snappy seat installs using four Allen screws with washers:  

1. Line up the holes on the bottom of the seat with the holes in the seat post frame.  
2. Install all four screws before tightening to assure good alignment. When in place, tighten securely with a 4 mm Allen wrench.  
3. Position the seat back by loosening the adjustment screws that are on the bottom of the seat.  

The seat back slides along the chrome tubes that are underneath the seat.  
Tighten the levers securely when the tryke is fitted for the rider (see page 12 for more information).  

⚠️ WARNING: FINAL ADJUSTMENTS FOR RIDER’S SIZE MUST BE MADE FOR SEAT AND SEAT BACK BEFORE RIDING. LEVERS MUST BE FULLY TIGHTENED OR INJURY COULD RESULT.
Pedals

Right pedal installs on the pedal crank labeled “R” and threads clockwise to tighten and the left counterclockwise. Hand thread until you are certain pedals are threaded properly and then use a 15 mm wrench to tighten.

**TIP:** Pedal threads tighten toward front of bike.

**CAUTION:** BE CAREFUL WHEN THREADING PEDALS. DO NOT FORCE. PEDALS THREAD EASILY WHEN INSTALLED PROPERLY.

Pedal Leveler Pulley

Pedal leveler pulley threads through the tubes on the bottom rear of each pedal:

1. Attach the pulley assembly on the back of the rear frame. Use an Allen head screw to secure it.
2. Start the pedal leveler cord at one pedal, thread through the pulley and then through the other pedal.
3. Pull the cord tight and either knot the end or pinch the end of the cord using the small tubing. Use a pair of heavy pliers or crimping tool to compress the tube. Trim off any excess cord.

Steering Pin

If needed, insert the steering pin into the front fork tube from the side. Install the adhesive hook strip to the frame to keep the steering pin secure from loss. Three steering positions are available:

- Top position: Locks steering straight.
- Lower position: Limits steering to 20 degrees in either direction.
- No pin: Free steering.

Jiggle the front wheel assembly as you
push the pin into the hole and through the other side of the fork tube. Pin should insert all the way to the split ring to be correctly seated.

NOTE: You may find it desirable to limit steering so the rider can concentrate on learning the pedal motion first.

Fitting AmTryke for Rider

Snappy has been designed for children with special needs. See the information below for quick reference on rider’s size requirements:

SNAPPY
Rider’s height: Max. 42 inches
Arm length 9-13 inches
Leg length 17-22 inches
Maximum weight: 150 lbs

For more information on how to measure rider’s size correctly, see Rider’s measurements graphic on page 19.

Follow these instruction to fit your child properly:

NOTE: You may need assistance while fitting the tryke.

1. Engage the loading brake.
2. For Snappy seat option: Place your child in the saddle seat and slide the seat back assembly forward or back to suit your child’s needs.
3. Tighten spring release levers on the underside of the seat.
4. With feet in pedals, slide the seat post bracket along the frame to the length that when legs are extended the knees are slightly bent. Tighten the knobs until frame is snug (no wobbling).
5. Use the two hook and loop straps to help your child keep his/her feet on the pedals. Pedal blocks can be used to build up either side if needed.
6. Adjust the handlebar.

This tryke can be adjusted to fit many different types of riders. See Optional Accessories on the next page for different options.
Optional Accessories

Most AmTryke models can be adapted with a variety of seating options and accessories, so that most riders can feel safe and secure. See the table below for accessories available for Snappy:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Notched Snappy seat</td>
<td>Foot cups</td>
</tr>
<tr>
<td>bottom cushion</td>
<td></td>
</tr>
<tr>
<td>Notched wide Snappy</td>
<td>Pedal blocks</td>
</tr>
<tr>
<td>seat bottom cushion</td>
<td></td>
</tr>
<tr>
<td>XL Snappy seat back</td>
<td>Knee adductor positioning strap</td>
</tr>
<tr>
<td>cushion</td>
<td></td>
</tr>
<tr>
<td>AM-9 bucket seat</td>
<td>H-harness</td>
</tr>
<tr>
<td>Hand strap</td>
<td>Lateral supports</td>
</tr>
<tr>
<td>Wrist wraps</td>
<td>Safety flag</td>
</tr>
<tr>
<td>Wrist brace holding</td>
<td>License plate</td>
</tr>
<tr>
<td>mitts</td>
<td></td>
</tr>
</tbody>
</table>

For a complete and updated list of available accessories, please visit our website at www.ambucs.org.

Troubleshooting

Here are some common troubleshooting issues with answers.

**Pedals/handles will not thread into crank arms.**

_Check to make sure that the right pedal is used on the right side and the left pedal is used on the left side._

For any issues not answered here, please call AmTryke at 1-888-AMTRYKE or email us at amtryke@ambucs.org.
Maintenance

Maintenance is important to help keep your AmTryke in good working order for years to come. This section includes some general maintenance tips.

Wheels and Tires

Wobbly wheels cut braking power, so keep all wheels running true. Wheels can lose alignment over time when spokes stretch. Wheel alignment takes special tools and know-how, so have this done by a professional/bike shop.

Proper tire pressure is also very important. If tire pressure is too low, it can cause a flat and rolling resistance, and if tire pressure is too high, it can cause a tube to blow out. Keep tires inflated to the pressure marked on the tire. Correct pressure assures longest tire life. Repair tube punctures with a self-adhesive patch, follow instructions that came with the repair kit.

Brakes

Brake shoes wear out so inspect them at least every six months. Make sure that they are properly aligned on the wheel rim for maximum braking power. Make adjustments if necessary.

It is best to let a professional to replace brake shoes. If you, however, decide to replace them yourself, remove old brake shoes and install the new shoes in the brake arm. Tighten the brake shoe clamp bolt.

Chain

Clean the chain at least every six months, more often if you have been riding your tryke over sand and dirt, or through water and mud.

You do not have to remove the chain for cleaning. You may clean the chain with an environmentally safe chain cleaning product and brush. If you use a solvent (such as kerosene) then remove the chain (with a chain rivet tool) and immerse it in the solvent to avoid spilling/staining, particularly on the tires or brake shoes.

Before riding your tryke, always check that it is in proper working order. Check that all quick release lock levers, nuts and bolts are properly tightened, and that tires are properly inflated.
# Maintenance Schedule

Follow this maintenance schedule to keep your AmTryke in safe operating condition.

<table>
<thead>
<tr>
<th>PART</th>
<th>TO DO LIST</th>
<th>WHEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>All handlebar bolts</td>
<td>Check tightness</td>
<td>Every 4 months</td>
</tr>
<tr>
<td>Brake cables</td>
<td>Check for slack, frayed cable</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Brake arms</td>
<td>Check mounting bolt tightness</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Brake levers</td>
<td>Check tightness on handlebars</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Brake shoes</td>
<td>Inspect for wear, alignment</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Chain</td>
<td>Check for wear, clean, relube or tension</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Pedals</td>
<td>Check tightness</td>
<td>Every 9 months</td>
</tr>
<tr>
<td>Rear axle nuts</td>
<td>Check tightness</td>
<td>Every 4 months</td>
</tr>
<tr>
<td>Tires</td>
<td>Check tire pressure</td>
<td>Weekly</td>
</tr>
<tr>
<td>Wheel alignment</td>
<td>Check wheels for out of trueness</td>
<td>Every 6 months</td>
</tr>
<tr>
<td>Seat post</td>
<td>Check tightness of levers</td>
<td>Weekly</td>
</tr>
<tr>
<td>Seat</td>
<td>Check tightness</td>
<td>Monthly</td>
</tr>
</tbody>
</table>
Warranty

All AmTrykes come with a three-year residential warranty and one-year institutional warranty. The warranty begins with the date of purchase by the consumer. Address all warranty questions to AmTryke LLC, P.O. Box 5127, High Point, NC 27262; 1-800-838-1845.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS OR LIMITED WARRANTY APPLICABLE TO AMTRYKE LLC. THE LIMITED WARRANTY SET FORTH HEREIN MAY NOT BE EXTENDED, ENLARGED OR OTHERWISE MODIFIED BY ANY AMTRYKE DEALER, AGENT OR EMPLOYEE, AND AMTRYKE DOES NOT ASSUME ANY LIABILITY OR MAKE ANY WARRANTY EXCEPT AS STATED IN THIS LIMITED WARRANTY.

PARTS: AmTryke will repair or replace, at its option, defective parts for this tryke at no charge, for a period of one year after the date of original purchase. Parts subject to normal wear and tear, including tires, tubes, seat, pedals and handgrips are not covered by this one year period. Parts subject to normal wear and tear, found to be defective by the purchaser within 30 days of purchase, including tires, tubes, seat, pedals and grips, will be replaced by AmTryke at no charge. This warranty does not include dealer service charges for parts replacement or shipping charges to or from AmTryke.

FRAME: All AmTryke frames and forks are guaranteed to be free from defects in materials and workmanship for a period of three years from the date of original purchase. A frame or fork found defective in materials or workmanship will be repaired or replaced at AmTryke’s option.

Useful Information

AmTryke LLC, owned and operated by National AMBUCS Inc., a national nonprofit service organization, was established in 1994. It is dedicated to creating mobility and independence for people with disabilities.

AMBUCS has provided over 16,000 AmTrykes to riders across the United States. AMBUCS chapters fundraise and provide trykes for people with financial need. Riders must be evaluated by a physical or occupational therapist to be eligible.

AmTryke Therapeutic Tricycle Program

The AmTryke Therapeutic Tricycle Program is about abilities, not disabilities. The program’s goal is to provide people with disabilities the opportunity to ride bikes. AmTryke has designed a wide range of models suitable for many diagnoses at low cost.

AmTryke builds foot and hand trykes, and combination hand/foot driven trykes. To ensure a proper fit, AmTrykes can be adapted in many ways, including frame size, type of seat, trunk and leg support. As a therapeutic tricycle, AmTrykes help children improve motor skills and provide strength.
training. They are fun to ride and offer the opportunity for inclusive play. For adults, AmTrykes provide a new form of mobility, exercise and freedom to explore the community.

For therapists the trykes provide an age appropriate, safe, dynamic modality for improving balance, coordination and strength. The trykes can build endurance, self-confidence and provide another form of self-mobility aside from the assistive device that the person may routinely use (i.e., wheelchair, crutches, walker). The multiple adjustments and accessories of the trykes make them a valuable addition to the medical therapy units’ repertoire of therapeutic devices.

For parents and families the use of AmTryke fulfills the need of every child to have a bike. All children deserve a chance to have a bike just like their siblings and friends. Given a safe, stable platform, many riders, not previously considered, can ride just like their peers. AmTrykes are designed to look like bikes, not medical equipment, and to be age appropriate.

The AmTryke Road Trip brings the equipment to rehabs, clinics and therapy centers. Training or in-services are offered to teach therapists about the AmTryke program. These are often combined with bike days so families can bring their riders and receive free evaluations for AmTrykes.

**Donations**

National AMBUCS Inc. supports the AmTryke Therapeutic Tricycle Program through charitable contributions. Please help another child have the same joy your child is experiencing by becoming a Friend of AMBUCS. Your contribution of $25 or more will be used with other donations to buy a child on our Wish List an AmTryke. All contributions are tax deductible. For more information, please contact us at:

**AMBUCS Resource Center**

P.O. Box 5127  
High Point, NC 27262  
1-888-AMTRYKE, Ext. 113  
ambucs@ambucs.org  
www.ambucs.org

**Returns**

No goods may be returned for credit without prior authorization from AmTryke and items must be sent back within 30 days. AmTryke will not be responsible for errors on size or other specifications when you order by telephone.

If you need to return merchandise for exchange or credit, disassemble the item and pack it carefully in the original container to protect it from damage, and insure the shipment. Credit cannot be issued if merchandise is damaged in
return. Claims for damages or shortages must be made within five days of receiving the merchandise.

Please note: If there is extensive damage to an item upon delivery, call AMBUCS Resource Center at 1-888-268-7953 ext. 1144, 8:30a.m.-5p.m. EST Monday – Friday.

The address for UPS, FEDEX is:

AMBUCS Resource Center
4285 Regency Drive
Greensboro NC 27410

Refunds

After inspecting the returned merchandise, we will reimburse the purchase price of the item, less original shipping costs. You can expect a refund in the same form of payment originally used for purchase within 30 business days of our receiving the items. A restocking fee of $50.00 is charged for returned goods. You will be refunded the shipping cost if the return is a result of our error. For any questions, please call us at 1-888-AMTRYKE or send email to amtryke@ambucs.org.
AmTryke Sizing Charts

Refer to the following charts for guidance on appropriate sizes for AmTrykes and helmets. See Rider’s measurements on the next page for guidance on how the length is measured.

http://www.ambucs.org/?s=sizing+chart

Tools

Refer to the photo below to identify different tools: