



# The Knee Walker

*For models: TKW-12, TKW-13, TKW-14*



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THE NOVA PROMISE

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*Revised on April 22, 2019*

# User Guide NOVA Knee Walker TKW Series

## OWNER

YOU MUST READ THIS MANUAL BEFORE USING THIS PRODUCT

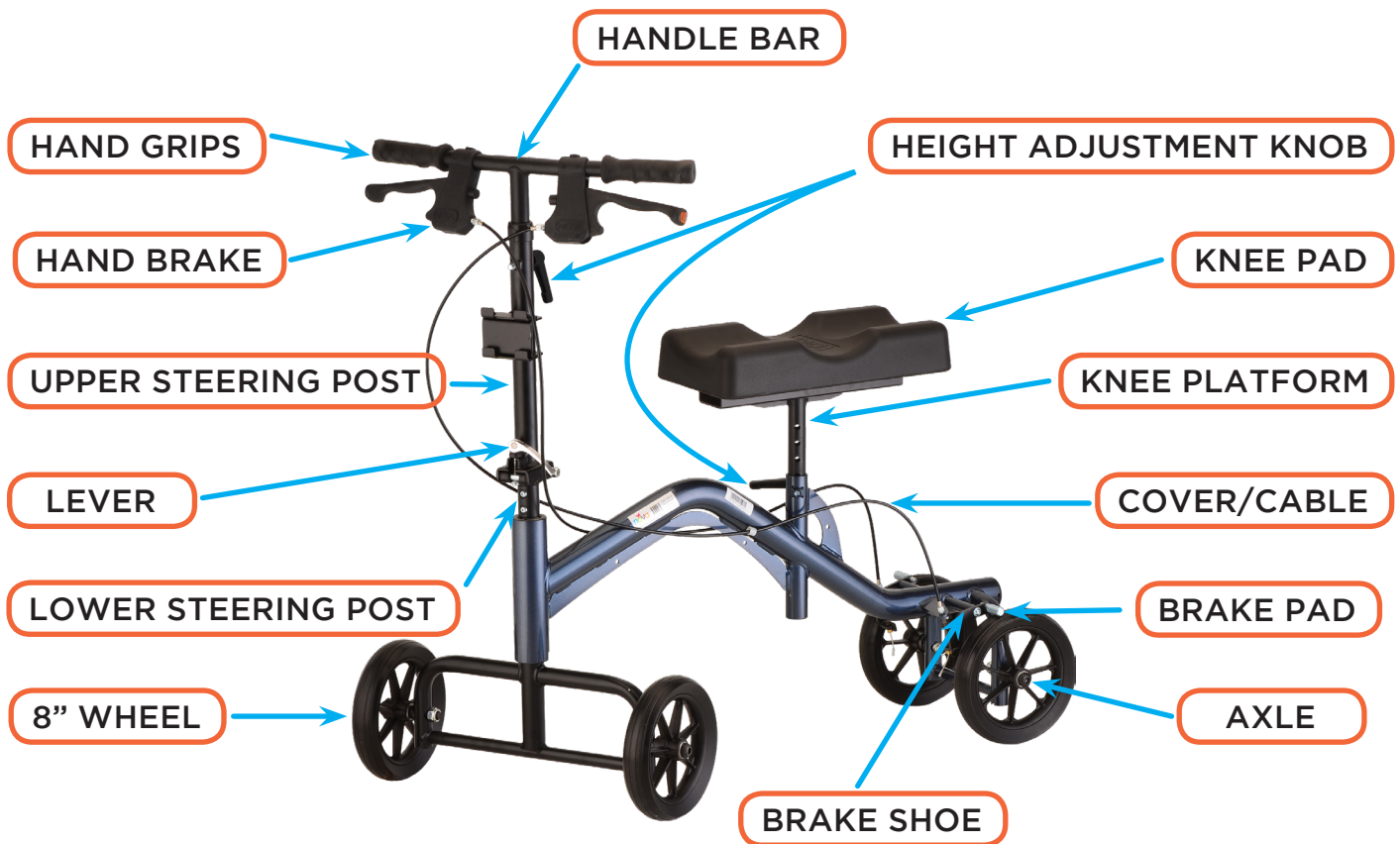
## DEALER

YOU MUST SUPPLY THE OWNER WITH THIS MANUAL

- This product is for **INDIVIDUAL USE** only.
- As with any new physical activity, instruction, practice, and common sense are necessary for successful use of the TKW. Practice turns slowly until you get the “feel” of your unit.
- Reckless usage of this product includes, but is not limited to, scooting too fast, sitting/standing on knee pad, attempting extreme maneuvers around corners or in recreational environments.
- Be sure that the knee platform height adjustment knob is tightened and fully engaged before each use.
- Be sure the upper steering post and height adjustment knob are tightened and fully engaged before each use.
- Be sure hand brakes are fully operational and engage the rear wheels when the handles are squeezed or locked.
- Be sure you are on a level surface and not on any incline when you mount or dismount.
- The hand brake is designed to maintain a stopped stance and is **NOT** intended to be used for stopping the unit while you are moving.
- Use of the hand brake while in motion may cause an abrupt stop. Your uninjured foot should be used to propel and to stop the unit.
- This unit is intended for use with a person properly positioned on the knee platform.
- **ALWAYS** use caution when moving from carpeted to hard surface floors, rough surfaces or when changing levels (for example, moving from a curb to the street and back onto the sidewalk).
- **DO NOT** operate the TKW on or near stairs or escalators, over bumps, on hills, or while using mind-altering drugs or alcohol, or while suffering from dizziness.
- **DO NOT** sit or stand on the knee platform, or use the TKW to pull yourself up from a seated or other position. The knee platform is not designed for sitting or supporting full body weight.
- **DO NOT** attempt to reach objects if you are kneeling on the knee pad.
- **DO NOT** hang anything from the frame of the unit. Items should be placed in the basket (optional) designed for your unit (available from your provider).

**Some of the above situations will cause a change of weight distribution and may cause the unit to tip, resulting in injury or damage. Always use EXTREME caution when reaching for any object.**

# COMMON PART LOCATIONS



## OPERATING INSTRUCTIONS

### SERVICE

All service must be performed while the Knee Walker is unoccupied.

Minor adjustments may be attempted by an able-bodied individual. All minor adjustments that one should attempt are detailed in the manual. Do not attempt any adjustment or repair without reading and understanding the instructions in this manual. Do not attempt any adjustment or repair that is not detailed in this manual. Any adjustment or repair not detailed in this manual should only be performed by a dealer or licensed technician.

Individuals with muscular or balance problems should not attempt to make adjustments to the product, and are advised to seek assistance.

After any adjustment, and before using the product, ensure that all attaching hardware, including without limitation all grips, screws, nuts, bolts, clamps, fasteners, and parts are tight and secure.

**DO NOT** use parts, accessories, or adapters other than those manufactured by NOVA Medical Products, Inc, which are designed specifically for this product.

# SAFETY INSPECTION - MAINTENANCE

Your product is a precision product - proper care will ensure proper function. Regular cleaning will reveal loose or worn parts. **DO NOT** over tighten parts or hardware, as doing so can damage the frame. **DO NOT** operate the product if there are any missing parts or hardware. You should have a dealer or qualified professional perform maintenance on your product at least once every six months, or immediately if you notice any item needing service. Frequent use likely means that your product will require more maintenance than we suggest. In anticipation of and after any excessive use, we recommend that you perform a complete safety inspection including all items.

ITEM	INSPECT ITEM	INITIAL	WEEKLY	MONTHLY	6 MONTHS
<b>GENERAL</b>	Knee walker should roll straight, doesn't feel "tight" or pull to one side	X	X		
	Inspect for loose, missing, or broken hardware in all locations	X		X	
<b>FRAME</b>	Inspect for bent frame	X		X	
	Inspect weld points for cracks, chips, or loose material	X			X
<b>BRAKES</b>	Ensure brakes do not interfere with wheels when rolling	X	X		
	Pivot points free of wear and looseness	X		X	
	Brakes are easy to engage, and engage fully. Adjust tension screws as necessary	X	X		
	Examine brake pads for excessive wear, and rotate, if necessary.	X		X	
	Replace brake pads, if necessary				X
	Inspect for loose or broken hardware on hand brakes and brake shoes	X		X	
<b>WHEELS</b>	Lift, spin, and check for side movement, rubbing, or binding	X		X	
	Check wheels for excessive wear and replace or rotate them, as needed.	X			X
	Inspect for cracks and wear (hubs and rims)	X		X	
	Inspect for cracked or broken spokes	X			X
	Check wheel axle bolts to ensure they are secure.	X		X	
	Adjust bearing system if wheel wobbles noticeably or binds to a stop	X		X	
	Ensure wheel bearings are clean and free of debris	X			X
<b>KNEE PAD</b>	Clean knee pad using a non-abrasive cloth with a mild detergent and water then sanitize with sanitizing solution	X	X		
	Check knee pad for excessive wear, cracks, rips or tears, or damage	X	X		
	Replace knee pad, if necessary				X

# Assembly Instructions

## Included Items

Allen wrench, flat wrench, folding hinge bolt, locking washer, nut (see Figure 1).

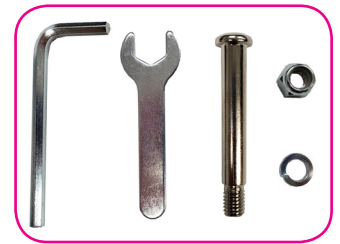


Figure 1

## Steering Column Assembly

Carefully remove from the shipping box; remove all packing materials and locate the tools and hardware pictured (see Figure 1). The upper steering post will be separated from the unit for transport and will need to be attached to the frame before using the TKW. Use the included tools and parts to complete this step.

- 1** Push the lever to the right so that the pin is flush with the side of the lower steering post (see Figure 2).
- 2** Place the upper steering post onto the lower steering post and slide the lever to the left so that the pin engages into the hole on the steering posts (see Figure 3).
- 3** While holding the upper steering post with one hand, insert the folding hinge bolt into the hole located on the rear of the steering post until the threads are exposed on the opposite side (see Figure 4).
- 4** Place the locking washer and the nut onto the screw and hand tighten (see Figure 5).
- 5** Use the Allen and flat wrench to tighten the screw. Test the steering post to make sure it can fold down with a small amount of resistance and holds the steering post firm when in the engaged position. Adjust the tightness of the screw, if necessary.
- 6** Swing the lever upward and push the lever arm down to secure the steering post to the frame (see Figure 6).



Figure 2



Figure 3



Figure 4



Figure 5

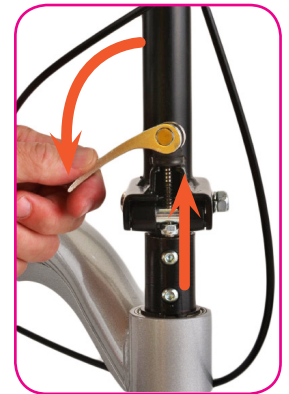


Figure 6

## Attaching the Knee Platform

The NOVA Knee Walker can be used for right or left leg injuries. The offset position of the seat provides better stability and increased foot clearance for pushing forward. When standing behind the scooter, the knee platform should be offset on the side of the non-injured leg (see **Figure 7**).



**Figure 7**

- 1** Remove the height adjustment knob from the frame and then remove the knee pad from its upside down shipped position.
- 2** Insert the knee platform into the frame (see **Figure 8**).
- 3** Adjust knee platform to the desired height and insert the screw through the frame, into the platform, and hand tighten (see **Figure 9**).



**Figure 8**



**Figure 9**

## Handle Bar Height Adjustment

- 1** Remove the height adjustment knob by turning counterclockwise.
- 2** Adjust the handle bar to the desired height.
- 3** Insert the screw into the hole on the upper steering post and tighten until secure.

## To Lower the Steering Column (for Transport)

- 1** Pull the lever arm up to release the clamp, and place the lever in the downward position.
- 2** Slide the lever to the right so that the pin disengages from the steering post.
- 3** Gently guide the steering post downward and position below the seat.



# Steering Post Lever Adjustment

The lever located at the base of the steering column should secure the steering post tightly to the frame so that there is no play or looseness. The following steps (if necessary) will allow you to adjust the tightness of the lever if you find that it is either too hard to push down or too loose to hold the post securely.

- 1** Pull the lever arm up to release the clamp, and place the lever in the downward position.
- 2** Push upward on the lever until the nut is between the two sides of the steering post (**see Figure 10**).
- 3** Turn counterclockwise to loosen the tension on the lever or turn clockwise to tighten the tension on the lever.

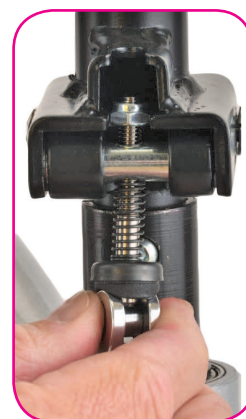


Figure 10

## Brake Adjustment Instructions

To lock wheels - push the brake handle downward until it clicks into the locked position (**see Figure 11**).

### Brake Adjustments

If you find it difficult to squeeze/lock the brake handle or that the brake shoe is not engaging the wheel then you may need to adjust the brake.

- 1 To Release Tension** (make it easier to squeeze or lock): Be sure the brake is in the unlocked position. Turn the brake adjustment screw counter-clockwise until the desired tension is achieved. Test after each 1/2 turn. The brake should lock the wheel when in the locked position. Screw the locking nut against the brake casing to secure your desired setting (**see Figure 12**).
- 2 To Increase Tension** (make the brake engage sooner): Turn the adjustment screw clockwise until the desired tension is achieved. Test after each 1/2 turn. The brake should lock the wheel when in the locked position. Screw the locking nut against the brake casing to secure your desired setting (**see Figure 12**).



Figure 11

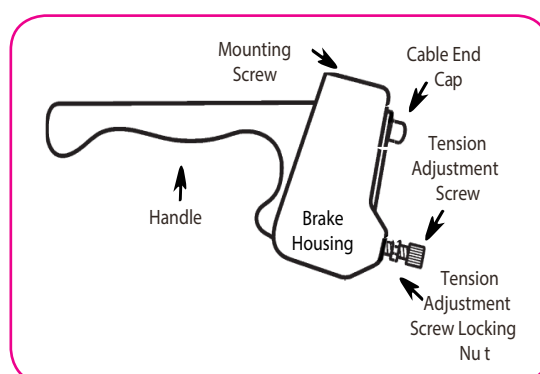


Figure 12

## WARRANTY INFORMATION

NOVA stands firm on our commitment to providing the highest quality products, as well as exceptional service. This product was built to precise standards and thoroughly inspected prior to shipment. This warranty represents our confidence in the materials and workmanship of our product.

NOVA extends this warranty only to the original purchaser of this product. The warranty does not extend to any subsequent purchaser or owner. The warranty is void upon any sale or transfer of ownership or use by other person. NOVA warrants its products are free from defects in material and workmanship under NORMAL use for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Metal Frame	<b>Limited Lifetime Warranty</b>
Non-Metal/Metal parts	<b>One Year Limited Warranty</b> (rubber tips, plastic or metal hardware)

This warranty does not cover problems due to user negligence, misuse of the product, failure to adhere to product instructions, or normal wear and tear. Items that have been subject to negligent abuse, modified without prior written authorization are not covered within this warranty.

For warranty service, please contact the dealer from whom you purchased your NOVA product. In the event that you do not receive satisfactory service, please call us directly at the number on the bottom front of this sheet. Be prepared to indicate, the nature of the defect, the product serial number, and the name and location of where you purchased the product. You will also be required to provide a receipt of your purchase. Do not return any products to our office without prior consent.

Repair or replacement is the only remedy under this limited warranty. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of product.


**THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, IMPLIED WARRANTIES, IF ANY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NOVA SHALL NOT BE LIABLE FOR ANY SEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.**

### IMPORTANT WARNING

FOLLOW ALL DIRECTIONS CAREFULLY BEFORE USE. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY.

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