Pacer Gait Trainer

K620, K630, K640 & K650 Product Manual





MADE IN THE USA

CE

rifton

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IMPORTANT

Please save this product manual for future reference. Additional copies are available at http://www.rifton.com/customer-service/product-manuals.

Key for users

Use this key to determine which sections of this product manual apply to you.

Technical Users For professionals who order and set up Rifton products.

Home Users For care-givers who use Rifton products on a regular basis.

Maintenance Personnel For anyone who is responsible for service or re-ordering of Rifton products and parts.

⚠WARNING

- Thoroughly read and understand the information in this product manual before attempting to use this product. If the procedures and instructions in this product manual are not followed, serious injury or death could occur.
- A qualified professional must assess the appropriateness and safety of all equipment for each client.
- This product is intended for use by clients of unreliable judgment. Adult supervision is required at all times.
- To prevent falls and injuries:
  - Do not use this product on rough and uneven terrain, around swimming pools or near stairways.
  - Ensure the appropriate use of straps and supports at all times. Straps and supports are provided for the safety of the user and must be carefully adjusted for comfort and security.
  - Tighten all adjustment knobs before use and immediately after making any adjustments.
  - Position accessories so that the client's weight is centered between the casters.
- Do not use this product for clients outside the height and weight limits specified in this manual.
- To prevent structural failure, which may result in serious injury or death:
  - Inspect this product and accessories regularly for loose or missing screws, metal fatigue, cracks, broken welds, missing attachments, general instability or other signs of excessive wear.
  - Immediately remove this product from use when any condition develops that might make operation unsafe.
  - Do not use Rifton components or products for any purpose other than their intended use.
- Adequately supervise use of the Pacer to prevent:
  - Excessive movement and speed
  - Sudden stops from hitting a curb, cracks, or debris
- Use adequate accessories to ensure that user's feet remain within boundaries of the Pacer frame.
- Use special care and supervision when using the Pacer under conditions which might affect stability, including:
  - Uneven ground
  - Ramps, slopes or hills
  - Clients who experience strong involuntary movements or seizures

Recommended use

The Pacer gait trainer is a Class 1 medical device. It is designed to help a client learn to walk. For a client lacking active use of his or her trunk and leg muscles, the Pacer provides the necessary support during gait training and requires little or no weight-bearing.

User and item dimensions

User dimensions – inches (cm)	K620 small	K630 med	K640 large	K650 XL
Elbow height	18½-27½ (47-70)	24-35 (61-89)	32-47 (81-119)	34-49 (86-124)

Key user dimension: elbow height
Measure the vertical distance from the bent elbow to the floor while the user is standing upright. Choose the gait trainer that allows for growth.

Important: Make sure that the chest prompt width is adequate, allowing for growth. User's weight must not exceed the maximum working load.

Item dimensions – inches (cm)		K620 small	K630 med	K640 large	K650 XL
Floor to top of arm prompt		18½-27½ (47–70)	24–35 (61–89)	32–47 (81–119)	34–49 (86–124)
Overall width	Standard base:	23 (58)	26 (66)	28 (71)	31½ (80)
	Utility base:	N/A	30 (76)	32 (81)	N/A
	Narrow treadmill base:	35 (89)	35 (89)	35 (89)	N/A
	Wide treadmill base:	40 (102)	40 (102)	40 (102)	N/A
Overall length	Standard base:	26 (66)	30 (76)	36 (91)	39¾ (101)
	Utility base:	N/A	36 (91)	40½ (103)	N/A
	Treadmill bases:	41 (104)	41 (104)	41 (104)	N/A
Frame height	Standard & utility bases:	16–21 (41–53)	21½–27 (55–69)	28½–38½ (72–98)	31–41 (79–104)
	Treadmill bases:	23–35 (58–89)	23½–36½ (60–93)	30–47 (76–119)	N/A
Base height (without upper frame)	Standard & utility bases:	11 (28)	14½ (37)	16 (41)	18½ (47)
	Treadmill bases:	21 (53)	21 (53)	21 (53)	N/A
Frame weight - lbs. (kg)	Standard base:	11½ (5.2)	15 (6.8)	15½ (7)	22½ (10.2)
	Utility base:	N/A	18½ (8.4)	19¼ (8.7)	N/A
	Narrow treadmill base:	27½ (12.5)	27½ (12.5)	27½ (12.5)	N/A
	Wide treadmill base:	28 (12.7)	28 (12.7)	28 (12.7)	N/A
	Standard upper:	6 (2.7)	7½ (3.4)	9½ (4.4)	11 (4.9)
	Dynamic upper:	7½ (3.4)	11½ (5.2)	13½ (6.1)	15 (6.8)
Dynamic upper movement	Vertical:	1¼ (3.5)	2 (5)	2 (5)	2 (5)
	Horizontal:	1½ (4)	2 (5)	2 (5)	2 (5)
Max. treadmill width	Narrow treadmill base:	29 (74)	29 (74)	29 (74)	N/A
	Wide treadmill base:	34 (86)	34 (86)	34 (86)	N/A
Max. treadmill height	Treadmill bases:	11 (28)	11 (28)	11 (28)	N/A
Max. working load–lbs. (kg)		75 (34)	150 (68)	200 (91)	250 (113)

Check your order

The Pacer frame and accessories that you specified in your order may be shipped in more than one carton. Use the diagrams in this manual to make sure your order is complete.

If your shipment is incomplete or in any way damaged on arrival, please call Customer Service, 800.571.8198.

Basic item

⚠CAUTION **Ensure that column is fully inserted and latched into base frame prior to using Pacer.**

Any upper frame can be attached to any base of the same size. Additionally, any medium upper frame may be attached to any large base, increasing the height range of the medium by 1" (3 cm). The large upper frame cannot be used with a medium base.

Figure 6a: To attach the upper frame to the base, slide the column into the base frame, as shown. To detach the upper and lower frames, press button (A) and slide column out of base frame.

The upper frame and base can be detached for storage or transport.



Figure 6a

Upper frames

Height adjustment

Figure 7a: To adjust the frame up or down, use use trigger (A).

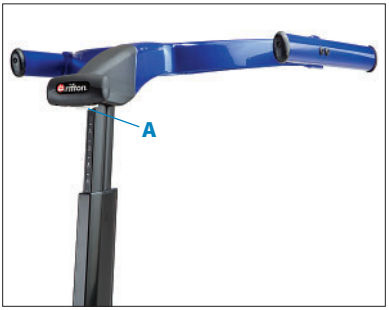

Figure 7a

Standard upper

The standard upper frame adjusts in height and provides support for various prompts and accessories.

Dynamic upper

⚠CAUTION **To prevent serious injury:**

- **Keep hands clear of dynamic body support mechanism while Pacer is in use.**
- **When dynamic weight-bearing and/or lateral weight shift mechanisms are unlocked, position arm prompts so that client's hands are kept clear of frame and column.**

Figure 7b: The dynamic upper provides dynamic body support by allowing up/down and side-to-side movement of the upper frame.

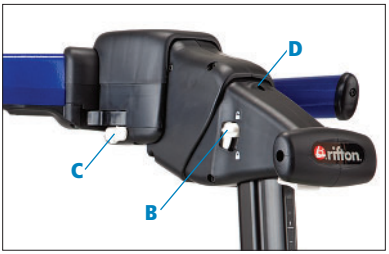

Figure 7b

To lock or unlock vertical up/down movement (dynamic weight-bearing), lift upper frame to unweight system and use trigger (B).

To lock or unlock side-to-side movement (dynamic weight-shift), use trigger (C).

Medium, large and XL only:
The default force range of the dynamic weight bearing system will be fine for most users. However, it can be adjusted if needed, by turning screw (D) with a 3/16" hex wrench. Turning the screw clockwise increases force.

NOTICE To avoid damaging the DWB system, stop turning when the screw bottoms out (maximum force) or when the screw becomes loose (minimum force).

Base frames

Standard base

Figure 8a: The standard base has four 5½" casters (4" for the small). Each caster has a brake, drag, swivel lock and directional lock. An odometer is an optional accessory.



Figure 8a

Utility base

Figure 8b: The utility base has two 8" front casters and two 11½" rear wheels. Directional lock, brake and drag functions are provided by the rear wheels. Swivel lock is provided by the front casters. An odometer is an optional accessory.



Figure 8b

Treadmill/stability base

⚠WARNING **To prevent serious injury or death:**

- **Do not position client facing the open end of Pacer frame when on the treadmill.**
- **Stop treadmill before making adjustments.**
- **Keep extremities clear of adjustment mechanism.**

⚠CAUTION **To prevent serious injury:**

- **Always lock caster brakes when Pacer is over the treadmill.**
- **Always use pelvic support, hip positioner or multi-position saddle when client is on the treadmill.**
- **Do not run treadmill in reverse when using Pacer.**

Figure 8c: The treadmill/stability base is a wide, height adjustable base frame designed for use both overland and over a treadmill. It can be used with the large, medium and small upper frames.

Use trigger (A) to adjust frame downward for overland use, or upward as necessary to provide clearance over a treadmill.

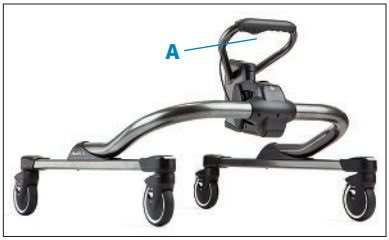

Figure 8c

Tip: This base is available in two widths, standard and wide. See dimension chart on page 5 for sizing.

Casters/wheels

Adjustments

Figure 9a:

The **Swivel lock** prevents the caster from swiveling.

- **To engage the swivel lock:** press button (A).
- **To disengage**, press button (B).

Locking all four casters will keep the client traveling in a straight line.

Locking the rear casters (those behind the client) will help stabilize the client, while still allowing for turning.

To engage caster brake (C), press lower part of brake pedal. To release the brake, press upper part of brake pedal.

To engage the wheel brake (utility base), press brake pedal (D). To release the wheel brake, lift brake pedal (D).

To engage caster drag (standard base) or wheel drag (utility base), rotate dial (E).

Directional lock (F) allows the caster or wheel to turn in one direction only, helpful for clients who may involuntarily roll backward while trying to walk. To engage the directional lock:

- Push lever (F) down until it snaps into place.
- When the directional lock is engaged, the caster or wheel will make a clicking noise while moving forward and lock when pushed backward.

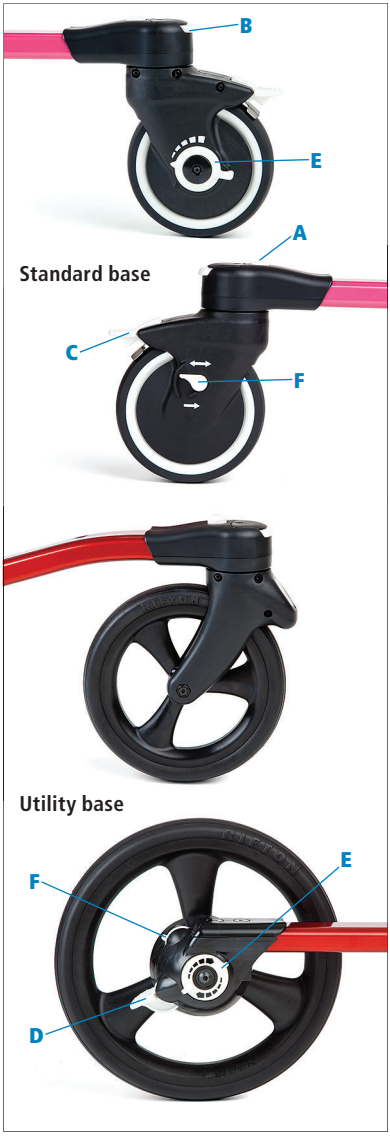

Figure 9a

Accessories

Odometer

Figure 10a: The odometer displays distance traveled. To reset display to 0, press button (A). To display total lifetime distance traveled, press and hold button (A) for one second. Lifetime distance will be displayed in kilometers or thousands of feet, depending on unit setting.

To switch between feet or meters, press and hold button (A) until units change (approximately 10 seconds).



Figure 10a

Clamps

Attaching and removing

Figure 10b: Most accessories are attached to and removed from the frame with clamps (B) and posts (C).

1. Loosen knob (D) and swing it down.
2. Swing band (E) up.
3. Place clamp (B) around oval bar.
4. Swing knob (D) up into slot on band (E).
5. Tighten thoroughly.

Placement of accessories on the frame will vary according to the position and abilities of the client and the number of accessories used.

Figure 10c: For slimmer clients, the clamps for any accessory can be attached on the inside of the top bar. This positions accessories closer to the client. To reposition posts (see page 15).

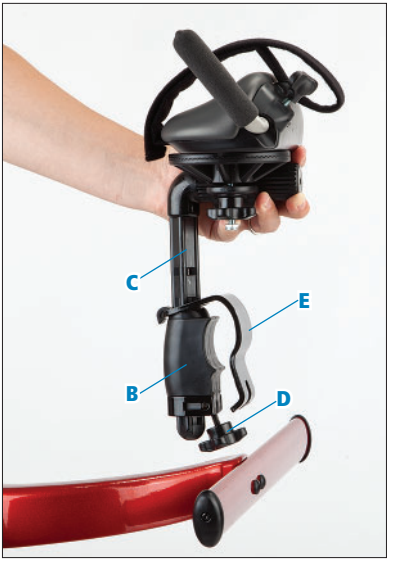

Figure 10b


Figure 10c

Hand loops

⚠WARNING **To prevent tipping and resulting injury, do not position handloops, arm prompts or arm platforms at the extreme ends of the top bar (see figure 11a).**

Attaching

When the Pacer is used in the anterior position, it is recommended that hand loops are attached forward of the frame cross bar. This creates stable positioning and leaves plenty of room for other accessories.

Figure 11b: Hand loop clamps can be attached on the outside of the top bar.

Figure 11c: For slimmer clients, the clamps for any accessory can be attached on the inside of the top bar. This will position the prompts closer to the client. To reposition the hand loop posts (see page 15).



Figure 11a



Figure 11b



Figure 11c

Adjustments

Figure 12a:

Loosen knob (A) to:

- Completely remove the hand loop and clamp.
- Or slide the hand loop toward or away from the client along the top bar.

To adjust height of hand loop:

- Press button (B) and slide post up or down to desired position.
- Release button (B) and push hand loop to engage post.

To tilt hand loop:

Loosen knob (C) and tilt hand loop to desired position. Tighten knob to secure.

To reposition the entire hand loop:

- Completely remove the hand loop from the Pacer (see figures 10b and 10c). Attach inside or outside the top bar (see figures 13b and 13c).
- Press button (B) and completely remove the post, now rotate the post to the desired position, insert it back into clamp and slide to desired height.



Figure 12a

Arm prompts

⚠WARNING To prevent tipping and resulting injury, do not position handloops, arm prompts or arm platforms at the extreme ends of the top bar (see figure 13a).



Figure 13a

Attaching

When Pacer is used in the anterior position, it is recommended that arm prompts are attached forward of the frame cross bar. This creates stable positioning and leaves plenty of room for other accessories.

Figure 13b: The arm prompt clamps can be attached on the outside of the top bar.

Figure 13c: For slimmer clients, the clamps for any accessory can be attached on the inside of the top bar. This positions accessories closer to the client. To reposition clamps and posts (see pages 10 and 15).

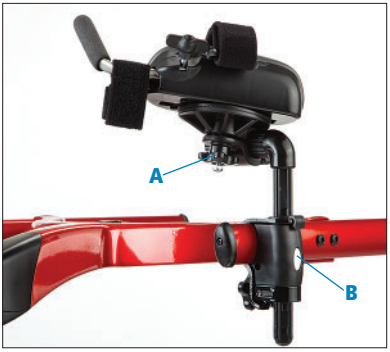

Figure 13b attached outside top bar



Figure 13c attached inside top bar

Adjustments

Figures 13b and 14a:

Loosen knob (A) to:

- Slide arm pad toward or away from the client along the post.
- Rotate up or down.
- Rotate in or out.
- Move the arm pad backward or forward.

To adjust the height of arm prompt:

1. Press button (B) and slide post to desired position.
2. Release button and push post to engage it.

Or completely remove the arm prompt from the Pacer by pressing button (B) and pulling out the post.

To adjust the handgrip:

Figure 14a:

1. Loosen knob (C).
2. Slide handgrip forward or back for different forearm lengths, or rotate the handgrip from side to side. Arm strap (D) and wrist strap (E) secure the client's arm in the arm prompt.

Using the wrist strap prevents the client's arm from inadvertently coming out of the arm prompt.

To reposition the entire arm prompt:

1. Loosen knob (F).
2. Slide arm prompt to desired position on the top bar of the frame.

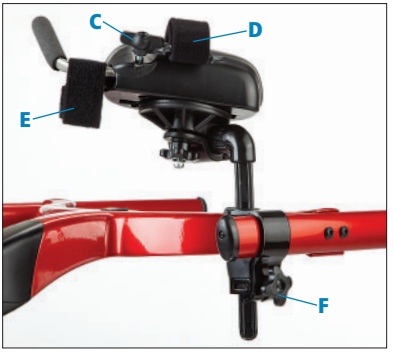

Figure 14a attached inside top bar

Tip: arm prompts can**:**

1. Rotate around horizontal section of post.
2. 360° rotation around vertical post.
3. Slide in/out on horizontal section of post.
4. Clamp can be moved along top bar.
5. Post has four positions at 90° each.



Arm platforms

⚠WARNING **To prevent tipping and resulting injury, do not position handloops, arm prompts or arm platforms at the extreme ends of the top bar (see figure 14b).**

Attaching see pages 10 and 13.

Adjustments

Figure 14c:

Loosen knob (A) to:

- Slide arm platform toward or away from the client along the post.
- Rotate side to side.
- Rotate 360°.

To adjust the height of arm platform:

1. Press button (B) and slide post to desired position.
2. Release button and push post to engage it.

Or completely remove the arm platform from the Pacer by pressing button (B) and pulling the post out of the clamp.

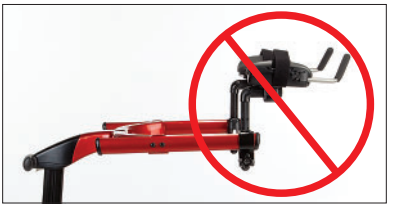
Figure 14b



Figure 14c

Figure 15a: Arm straps (C) secure the client's arm in the arm platform. They can be removed completely, if desired. Unfasten the strap and pull it out of the slot beneath the platform.

To reposition the entire arm platform:

1. Loosen knob (D).
2. Slide arm platform to desired position on the top bar of the frame.

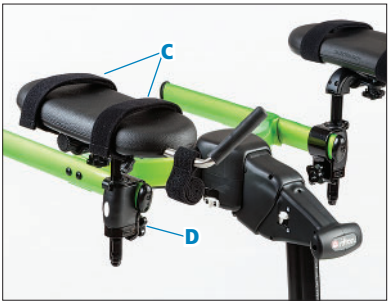

Figure 15a

Figure 15b:
To adjust the optional handgrip:

1. Loosen knob (E).
2. Slide handgrip forward or back for different forearm lengths, or rotate the handgrip from side to side. Arm strap (F) and wrist strap (G) secure the client's arm in the arm platform.

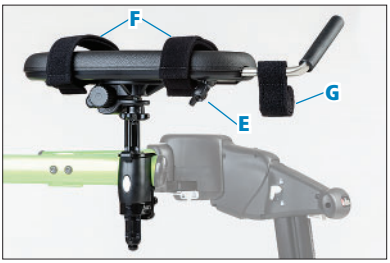

Figure 15b

Post adjustments

Arm prompt/platform posts can be removed and repositioned to adjust the width between arm prompts/platforms.

Figure 15c and 15d: Clamps can be removed and repositioned to further adjust the width between arm prompts/platforms.

- **Step 1:** Loosen knob (A) and remove arm prompt pad. Figure 15c shows the clamp on the inside of the top bar.
- **Step 2:** Press button (B), lift post out of clamp, and turn to desired position.
- **Step 3:** Insert post back into clamp, slide arm prompt pad back onto post, and use button (B) to adjust the height of the arm prompt. Figure 15d shows the clamp on the outside of the top bar, which increases the width between prompts.

(To remove or attach clamps, see p. 10.)

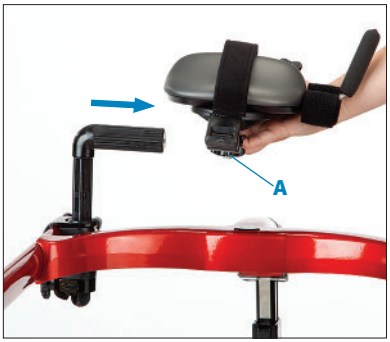

Figure 15c

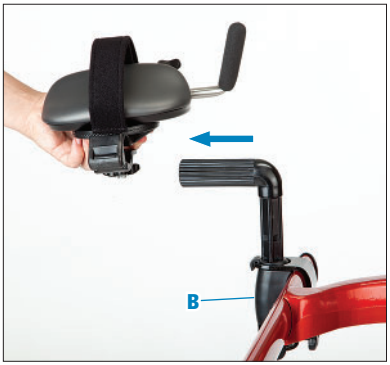

Figure 15d

Handbrake

⚠WARNING **To prevent serious injury or death:**

- **Use Pacer only on smooth level surfaces.**
- **Hand brake is not intended to stop Pacer on hills.**
- **Adult supervision is required at all times.**

Attaching to base

Figure 16b:

1. Hook ball at end of cable onto silver clip (A) located inside plastic housing (B) on base.
2. Pull cable housing forward and down to clip into the socket (C) of the plastic housing on base.
3. Clip both brake cables together with the brake cable clip.

Detaching from base

Pull cable out of socket (C) in plastic housing (B) on base and lift up. Ball end of cable will pop out of clip (A).

Operation

Figure 16c:

1. Squeeze lever to apply brake.
2. Push lever down (away from handle) to apply parking brake.

Adjustments

Figure 16c: To adjust brake, loosen or tighten knob (D) till desired braking action is reached. A 1/16" gap between rear wheel and brake arm is recommended

See page 13 for arm prompt adjustments.



Figure 16a

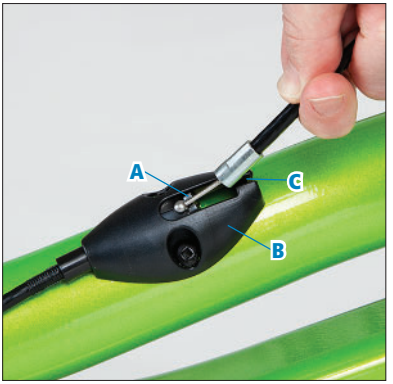

Figure 16b



Figure 16c

Tip (figure 16c): If cable will not pull far enough to clip into the socket of the plastic housing, tighten adjustment knob (D) on brake handle by turning knob clockwise.

Handlebars

⚠WARNING **To prevent tipping and resulting injury, do not position handloops, arm prompts, handlebars or arm platforms at the extreme ends of the top bar (see figure 17a).**

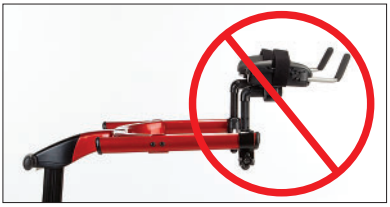

Figure 17a

Attaching

Figure 17b:

1. Loosen knob (A) and swing it down.
2. Swing band (B) up.
3. Place the clamp on the oval bar.
4. Swing knob (A) into slot on band (B).
5. Tighten the knob securely.

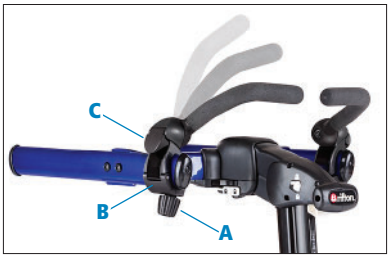

Figure 17b

Adjustments

Figure 17b: To adjust the angle of the handlebar:

- Loosen the height/angle adjustment cam lever (C).
- Rotate handlebar to desired position.
- Firmly tighten height/angle adjustment cam lever (C).

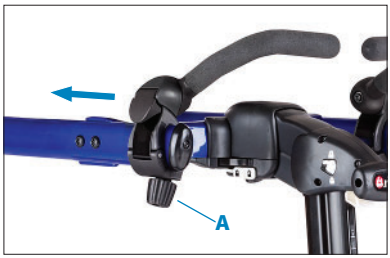

Figure 17c

Figure 17c: To adjust the horizontal position of the handlebar:

- Loosen knob (A).
- Slide the handlebar along the oval tube to the desired position.
- Tighten the knob securely.

Chest pad

⚠WARNING **To prevent entrapment or crushing, do not adjust chest pad under load. Ensure that all cams and knobs are securely tightened before use.**

To prevent tipping, falls and resulting injury or death:

- **Position the chest pad so that the client's center of gravity is centered between the casters.**
- **Tighten all cams and knobs on the chest pad prior to use.**

Attaching

Figure 18b:

The chest pad opens at the rear with buckles (D) for easy access.

The chest pad works best with the Pacer in anterior configuration, positioned as far forward as possible.

1. Loosen both knobs (A) and swing them down.
2. Swing bands (B) up.
3. Place the clamps on the oval bars.
4. Swing the knobs into the slots on the bands.
5. Tighten both knobs securely.

Adjustments

Figure 18b:

To adjust the height of the chest pad:

- Loosen both height/angle cam levers (C).
- Rotate the chest pad to desired height.
- Firmly tighten both height/angle cam levers (C).

To adjust the width of the chest pad:

- Adjust the strap to the desired width with the buckles (D).



Figure 18a

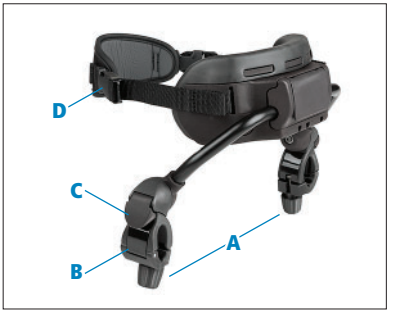

Figure 18b

Figure 19a:

To adjust the angle of the chest pad:

- Loosen the angle cam lever (A) on the front of the pad.
- Rotate the pad to the desired angle.
- Tighten the angle cam lever.

To adjust the horizontal position of the chest pad:

- Loosen both knobs (B).
- Slide the chest pad along the oval tubes to the desired position.
- Tighten both knobs securely.

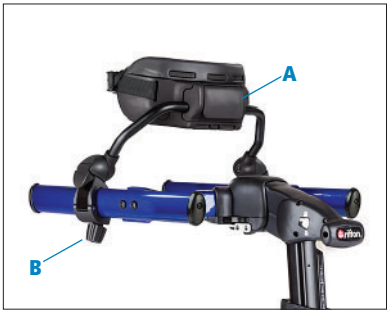

Figure 19a

Chest prompt

Attaching

⚠WARNING To prevent tipping, falls and resulting injury or death:

- **Position chest prompt so that the client's center of gravity is centered between the casters.**
- **Tighten all adjustment knobs on chest prompt prior to use.**

Figure 20a: Attach chest prompt directly behind the frame cross bar. The front of the chest prompt has a containment loop to keep the pads together. Rear opens for easy access.



Figure 20a

Adjustments

To adjust width of chest prompt:

- Place clamps on the inside or the outside of the top bar (see previous pages).
- Loosen knobs (C) to slide sides of chest prompt in or out.
- Retighten knobs.

To rotate chest prompt:

- Loosen knobs (C) completely.
- Rotate prompt to desired position.
- Retighten knobs.

To adjust height of chest prompt:

- Press buttons (B) and slide posts to desired height.
- Release buttons (B) and push post to engage it.

Reposition or remove entire chest prompt:

- Loosen knobs (A).
- Slide chest prompt backward or forward and retighten knobs (A).
- To remove clamps, see page 10.

Straps (D) can be adjusted independently to tighten or loosen the chest prompt or to adjust the forward leaning angle of the client. Chest prompt opens front and back. This allows the client to be placed in the anterior or posterior position (see pages 30–33).

Hip positioner

Attaching

⚠WARNING To prevent tipping and resulting injury, do not position prompts at the rear ends of the top bar (see figure 21a).



Figure 21a

Figure 21b: The hip positioner is designed to encourage forward-leaning. Attach this accessory with its two clamps and handholds a few inches away from the end of the top bar. Attach straps with buckles (A) in front of the frame cross bar.

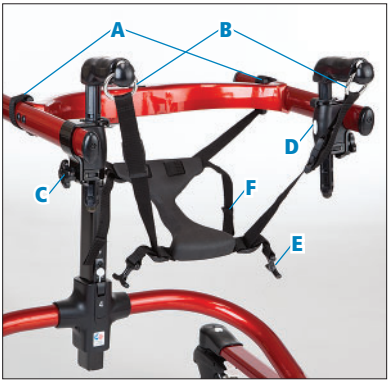

Figure 21b

Refer to the warning above for important safety information.

To attach the front of the hip positioner:

- Use buckles (A), attaching them at desired location in front of cross bar.

To attach rear of hip positioner:

- Attach rings (B) to handholds.

Adjustments

To adjust position of handholds on frame:

- Loosen knob (C).
- Slide handholds and clamps to desired position on frame.

To adjust rear height of hip positioner:

- Press button (D) and raise handholds to desired height.
- Release button (D) and push down handholds to engage them.

To raise and lower hip positioner use strap adjusters (E) at back and (F) at front.

Hip positioner pad

Assembly

Figure 22b:

1. Push the rear straps of the **hip positioner** through the crossed over straps and pull the **pad** into place.
2. Snap front and side flaps of **pad** together around the **hip positioner**. Make sure both snaps are securely fastened.
3. Attach hip postitioner on Pacer.



Figure 22a



Figure 22b Underside of hip positioner with pad

Pelvic support

Attaching

⚠WARNING To prevent tipping and resulting injury, do not position prompts at the rear ends of the top bar (see figure 23a).



Figure 23a

Figure 23b: The pelvic support provides weight-bearing assist. It is an alternate option to the hip positioner. Attach this accessory with its two clamps and handholds a few inches away from the end of the top bar. Attach straps with buckles (A) in front of the frame cross bar.

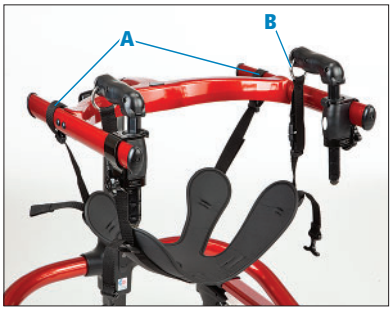

Figure 23b

Refer to the warning above for important safety information.

To attach front of pelvic support

- Use buckles (A) to attach the pelvic support at the optimal location indicated for positioning. Locations for strap attachment may include any secure position along the top bar of the frame in front of cross bar, at the base of the clamps/accessories in use or at the chest prompt cross bar.

To attach rear of pelvic support

- Attach rings to handholds (B).

Adjustment

Figure 24a:

To adjust rear height of pelvic support:

- Press buttons (A) and slide handholds to desired height.
- Release buttons (A) and push down on handholds to engage them.

To adjust position of handholds on frame:

- Loosen knob (B).
- Slide handholds and clamps backward or forward on the frame.

To raise and lower pelvic support:

- Use strap adjusters at front (C) and back (D) of pelvic support.



Figure 24a

Thigh prompts

Attaching

Figure 25a: Thigh prompts work best if attached behind the chest prompt on top bar. Thigh prompt clamps are slightly different from the clamps of other accessories, but attach to the top bar in the same manner (see page 10).



Figure 25a

Adjustments

Figure 25b:

1. **To swing the thigh pad toward or away from the client:**
   - Loosen knob (A).
   - Adjust thigh pads (B) and re-tighten.
2. **To move the thigh pads up or down, or to rotate the thigh pad to a comfortable position against the client's leg:**
   - Loosen knob (C).
   - Adjust thigh pads (B) and re-tighten.
3. **To reposition thigh prompts on frame:**
   - Loosen knob (D).
   - Slide clamp along the top bar of the frame.
   - Or completely remove the thigh prompts from the Pacer.
4. **To secure and adjust strap around the thigh of the client, use buckle adjuster (E).**

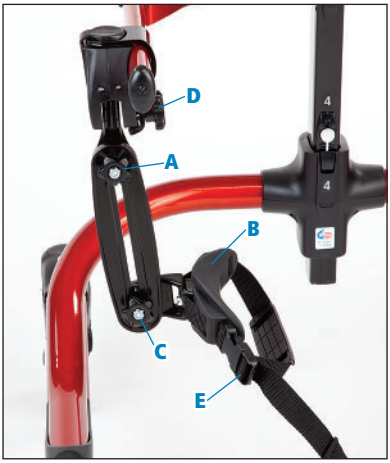

Figure 25b

Ankle prompts

Attaching

Figures 26a – 26c:

- Utility base: insert end of rod opposite latch (A) into rear wheel slot (B). Pull back white latch (A), and release into front slot under frame leg (C).
- Standard base: pull back white latches and release into slots under frame legs.

Adjustments

Figure 26d:

- To secure, loosen or tighten strap around the ankle of the client, use buckle adjuster (D).
- Strap (E) can be adjusted to help guide the stride of the client.
- To limit or increase the stride of the client, squeeze and slide spring adjusters (F) along rods.

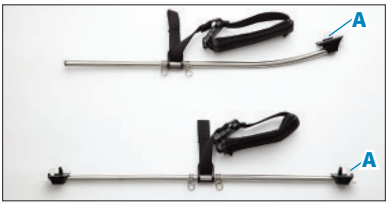

Figure 26a



Figure 26b



Figure 26c

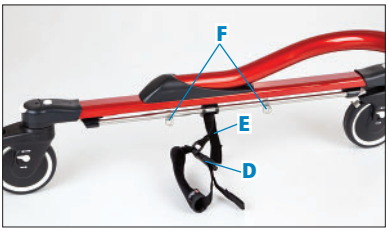

Figure 26d

Tray

⚠WARNING **To prevent tipping and resulting injury:**

- **Do not use the tray as a restraint or body support.**
- **Directly supervise client's use of the tray.**
- **Do not place more than 10 lb. (4½ kg) on tray.**

Attaching

Figure 27a: The tray attaches to the Pacer with a clamp (C) (see page 10 for clamp attachment instructions).



Figure 27a

Adjustments

Figures 27a and 27b:

To reposition tray:

- Loosen knob (A), and swing tray to desired position, then tighten knob.

To adjust angle of tray:

- Loosen knob (B).
- Change the tilt angle of the tray.
- Rotate the tray from side to side, then tighten knob.

To adjust the height of the tray:

- Press button on front of clamp (C).
- Slide post to desired height.
- Release button and push tray up/down to engage post.

To remove insert (D):

- Push fingers up through holes in tray (G).
- Re-install insert (D) by placing tabs (E) in slots (F) and pressing down on front edge of insert until it snaps in place.



Figure 27b

Multi-position saddle

⚠WARNING **To prevent falling and resulting injury, the hip corral strap should be used for all non-weight-bearing clients, or any time additional security is needed.**

Attaching

Medium and large MPS, Figure 28a:

- To attach large saddle under upper frame press button (B) and insert saddle upright into the recess under the cross bar.
- To remove saddle press both button (A) and safety button (B) simultaneously.

Small MPS, Figure 28b:

- To attach the small saddle under the upper frame push the upright square tube into the recess under the cross bar.
- To remove the small saddle, push the two spring buttons indicated and remove saddle from the recess under the cross bar.

Adjustments Figure 28c:

- **To adjust height** press trigger (C).
- **To adjust seat angle** press button (D).
- **To adjust seat forward or backward** press trigger (E).
- **To adjust hip corral in or out,** or to attach or remove it, press trigger (F).
- **To remove seat** first remove hip corral, then slide seat using trigger (E) as far back as possible. Finally, press the two buttons on each side (G) to complete the removal.
- **To adjust hip corral height** press trigger (H).
- **To attach corral strap** clip hook onto rear of seat. The corral strap as well as the pads on the hip corral can be removed, if desired. To remove pads, undo hook and loop patch between pads and slide pads off bar. To detach corral strap, remove pads, then press small white buttons near end of bar and pull rings from slots.



Figure 28a


Figure 28b

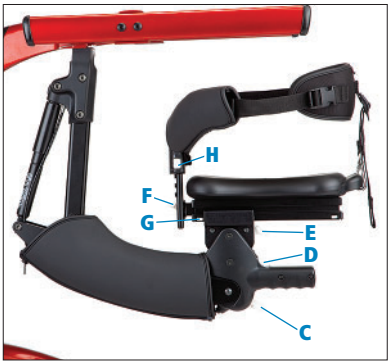

Figure 28c

Tip: Every white lever or button indicates a point of adjustment.

Guide bar

⚠WARNING **To prevent injury, adult supervision is required at all times. Always remove guide bar when not in use.**

The guide bar is available for the small, medium and large sizes.

Attaching

1. **Figure 29a:** Attach to either side of the center section on the base frame.
2. **Figure 29b:** The guide bar is attached by swinging the cam lever (A) down to engage the clamp.

Adjustments

1. The guide bar can be rotated to be positioned behind the user or in front.
2. **Figures 29b and 29c:** If the guide bar will not stay in position, adjust it by raising the cam lever (A) up and tighten by turning it clockwise in ½ turn increments. Then swing the cam lever back down.

Note: the lever can be positioned in either direction.



Figure 29a



Figure 29b



Figure 29c

Operation

Once the accessories are attached and adjusted approximately, the client can be placed in the Pacer in either an anterior or posterior position.

⚠WARNING **To prevent tipping and resulting injury:**

- **Position prompts so that the client's center of gravity is centered between the casters.**
- **Use adequate accessories to ensure that client's feet remain within boundaries of the Pacer frame.**
- **Do not position arm prompts, arm platforms or handloops at the extreme ends of the top bar.**

Anterior positioning

Forward facing

Figures 30a and 30b: This shows normal positioning. Note that the chest prompt has no tilt and the slightly forward-leaning angle of the client is achieved by locating the hip positioner / pelvic support behind the shoulders.

1. Apply the caster brakes to immobilize the Pacer.
2. Approximate the adjustments of:

- chest prompt
- arm prompts
- hip positioner or pelvic support
- frame height (top bar of frame).

3. Unfasten:

- Hip positioner or pelvic support rings at rear of Pacer
- Buckles at the rear of the chest prompt
- Straps of arm prompts, thigh prompts and ankle prompts



Figure 30a



Figure 30b

4. Place the client in the Pacer

- Fasten the rear buckles of the chest prompt.

5. Pull the hip positioner or pelvic support through the legs and:

- Connect the rings to the handholds or fasten buckles if preferred.

6. Secure the forearms with arm prompt straps.

7. Fasten straps to:

- Secure the thigh prompt straps around the client's legs.

- Secure the ankle prompt straps around the client's ankle.

8. Release the caster brakes.

Forward-leaning

Figure 31a: This shows how a more extreme forward-leaning angle is achieved. Note the chest prompt tilt and the location of the hip positioner behind the shoulders. The front hip positioner straps are attached to the chest prompt posts. The arm prompt clamps are attached ahead of the cross bar.



Figure 31a

1. To adjust the client's forward-leaning angle:

- Use the chest prompt tilt adjustment (see figures 30a, 30b and 31a).

- Position the top of the chest prompt away from the armpits to avoid pressure and discomfort.

2. Adjust hip positioner or pelvic support:

- Adjust height of handhold posts.

- Use straps to adjust hip positioner or pelvic support angle and to position client's pelvis in the desired forward-leaning angle in relation to the chest prompt (see figures 30a, 30b, 31a).

3. **Adjust arm prompts, arm platforms or hand loops:**

   - Adjust the width, height and angles of arm prompts (see pp 13–14) or handloops (see page 11).

4. **Adjust thigh prompts:**

   - Adjust the height, angle and strap length to guide the stride of the client (see page 25).
   - The thigh prompt is important for positioning the client's thighs closer together or further apart. It also prevents the client's body from twisting in the Pacer.

5. **Adjust ankle prompts:**

   - Adjust straps and spring adjusters to guide the stride of the client (see page 26).

6. **Adjust the tray position and angle** (see page 27).

7. **Release the caster brakes.**

Posterior positioning

Rear facing

Figure 33a: Clients can be positioned in the Pacer facing the rear (open end) of the frame. This is called posterior positioning. It allows advanced clients to move freely without obstructions below or in front of them.

Chest prompt (if used) opens front and back for posterior positioning and transfers.

1. **Apply the caster brakes** to immobilize the Pacer.
2. **Remove accessories.** Unfasten clamps around the top bars (see page 10).
3. **Turn accessories** to face open end of Pacer frame and reattach to the top bar.
4. **Reset swivel locks** in opposite direction if needed (see page 9).
5. **If any other prompts are required,** follow anterior positioning instructions in reverse (see Pages 30 and 31).
6. **Release caster brakes.**

For more details on accessories, function and recommended uses, go to:
www.rifton.com/pacer



Figure 33a

Maintenance

This product is designed and tested for an expected life of 5 years when used and maintained in accordance with this manual. At all times, clients must ensure that the product remains in a safe and useable condition, including regular maintenance and inspections as specified in this product manual.

To prevent structural failure, which may result in serious injury or death:

- Inspect this product and accessories regularly for loose or missing screws, metal fatigue, cracks, broken welds, missing attachments, general instability or other signs of excessive wear.
- Immediately remove this product from use when any condition develops that might make operation unsafe.
- Do not use Rifton components or products for any purpose other than their intended use.
- Replace or repair components or products that are damaged or appear to be unstable.
- Use only Rifton authorized replacement parts. Order information for replacement parts is provided on the back of this product manual.

Do not use petroleum-based or solvent-based lubricants on casters, but lubricate when necessary with silicone spray or graphite.

Cleaning

As needed, clean with disinfectant wipes or a solution of up to 10% bleach. Do not use excessive amounts of water.

The straps with hook and loop closures may be laundered. Engage the closures before washing. Do not iron.

Wash casters with water after outdoor use. Avoid mud and sand.

Warranty Statement

If a Rifton product breaks or fails in service during the first year, we will replace it free of charge.

Materials

- Steel hardware items (nuts, bolts, screws, etc) are typically zinc or nickel plated, or stainless steel.
- Upholstery items (pads, support blocks, padded prompts, etc) are typically polyurethane foam with a fire-retardant cover made from expanded vinyl.
- Frames are typically steel or aluminum tubing, welded together, and coated with a baked-on paint finish. Some frame components may also be stainless steel.
- Straps are typically made of polypropylene or nylon webbing.
- Plastic components are typically injection molded from a variety of industrial resins.

All components are lead free and not made with natural rubber latex.

User modifications

⚠WARNING **To prevent serious injury or death, do not modify or alter Rifton products or components, or use Rifton products or components in conjunction with products from other manufacturers. Rifton does not accept responsibility for any modifications or alterations made to our components or products after they leave our premises. Customers modifying or altering our components or products, or using them in conjunction with products from other manufacturers, do so at their own risk.**

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www.Rifton.com

To order replacement parts

1. **Locate the ID number** of the product on the small white label.
2. Have this number available when you call **800.571.8198** for your customer service representative.

Use only replacement parts supplied by Rifton Equipment.

We are glad to supply replacement parts. Although Rifton makes every effort to supply correct parts and instructions for repairing or refurbishing your equipment, you are responsible to make sure that the repairs or modifications are correctly and safely completed.



Find letters of medical necessity and informative articles at:
www.rifton.com/pacer

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