

Medium Prone Stander

E940 Product Manual



CE

 rifton®

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Key for EU users

Use this key to determine which sections of this Product Manual apply to your job.



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



Home Users For clients and 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.

WARNINGS

- Correct use of this product requires the prior approval and ongoing guidance of a qualified therapist or physician. Adult supervision is required at all times.
- Straps and supports are provided for the safety of the user. Their use must be closely supervised. The straps and supports need to be carefully adjusted for the comfort and security of the user and can never take the place of the care-giver.
- Adult supervision is required at all times.
- Intended for indoor use only
- Stabilize Prone Stander before transferring or mounting user to prevent rolling or unexpected movement during the transfer process. Using your foot, lock all four caster wheels by setting locks to "ON" position. For added safety, it may be wise to have two adults assist with transfers in or out of the Prone Stander.

IMPORTANT

- Please save this Product Manual. Additional copies are available at www.rifton.com
- Please refer to the Rifton product catalog for our full warranty, or visit www.rifton.com

To order replacement parts

1. Locate the serial 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.

Recommended Use

The E940 Prone Stander is designed to provide the benefits of weight-bearing in an upright posture, abdomen toward the main board. Adjustable supports promote proper alignment of trunk and lower extremities. Board tilts from vertical to horizontal with a crank. The tray provides a convenient space for learning and play materials, and for eating. Adjustment permits the tray to be set level independent of the angle of the stander, or to be used easel-style.

Checking your order

This product is shipped in a single carton. The carton contains:


- 1. E940 Prone Stander (includes: Pair of Lateral Support Blocks, Hip Strap, and Footboard)
- 2. Tray
- 3. Carton containing Footboard and Accessories for the Prone Stander
- 4. This product manual.

You may not have ordered all of the available accessories, but use the diagrams that follow to make sure your order is complete.

If your shipment is incomplete, please call Customer Service.

User and Item Dimensions

User Dimensions (inches)	Small	Medium	Large
Height	25–48 (64–122)	44–59 (112–150)	57–72 (145–183)



Key User Dimension: Height
Select the appropriate Prone Stander by the user’s overall height. Choose the model that allows for growth.

Important: User’s weight must not exceed the maximum working load.

Dimensions – Inches (cm)	Small	Medium	Large
Board length	23½ – 16 without kneeboard 60 – 41 without kneeboard	30 (76)	39 (99)
Board width (top/bottom)	12½ / 12½ (32 / 32)	11 / 16 (28 / 41)	15 / 19 (38 / 48)
Top of board to footboard	18–35 (46–89)	33–43½ (84–110)	42–55 (38 / 48)
Height when horizontal	29½ (75)	29½ (75)	31½ (80)
Height when vertical	38½ (98)	45½ (116)	60 (152)
Distance between lateral supports	8–16 (20–41)	8–16 (20–41)	12–22 (30–56)
Base width	24 (61)	26 (66)	30 (76)
Base length	35 (89)	39 (99)	43 (109)
Tray inside width (widest point)	22½ (57)	22½ (57)	29½ (75)
Tray inside length	17½ (44)	17½ (44)	17½ (44)
Max. working load (lbs)	100 (45)	150 (68)	200 (91)

Mainboard

Installing the Lateral Support Blocks

Support Blocks (A) ship in reverse position.

1. To reposition support blocks
 - Loosen knobs (c) and slide blocks out from under the clamp.
 - Rotate blocks into correct position and replace them under the clamp.
 - Retighten knobs (see figure 2).
2. Extra set of support blocks are installed in the same manner

Adjusting the Lateral Support Blocks

Use knobs (C) to adjust Support Blocks laterally and vertically, and to pivot blocks approximately 30°.

Make sure Support Blocks are clear of tray when adjusting board angle.

Adjusting the Support Straps

Support Straps (B) clamp with knobs (D), sliding into slots for best location. Straps can be positioned above or below Support Blocks.

Adjusting the Board Position

The main board slides independently on a tubular steel track, clamping with knobs (E).

Adjusting the Board Tilt

The angle of the board is controlled by a handcrank (F). This sets the board at any angle from horizontal to vertical. Adjustments can take place at any time once the user is secure.

The Board Position Indicator (G) is a direct angle indicator that is mounted at the pivot point.

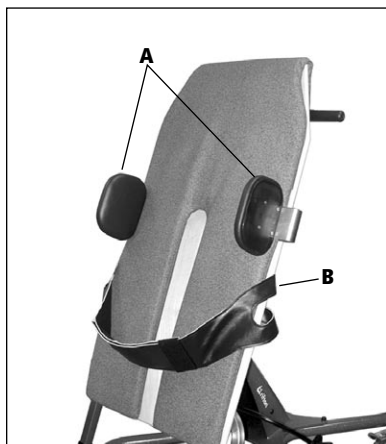


Figure 1

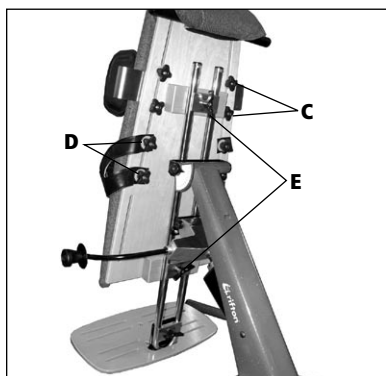


Figure 2

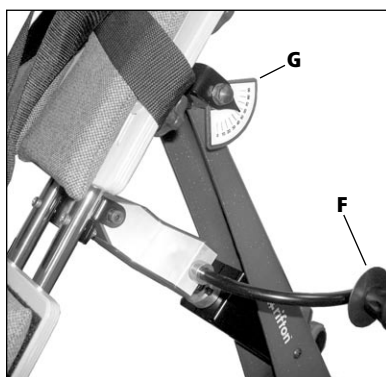


Figure 3

Abductors

Installing the Round Abduction Blocks

To install the Round Abduction Block to the Prone Stander, remove the knob and place abductor where appropriate. Re-tighten knobs securely.

Adjusting the Round Abduction Blocks

Depending on the need of the user, the positioning of the Abduction Block will vary greatly. Check the range of adjustment before positioning the user.

Installing the Collar

To install the collar to the Round Abduction Block, wrap around and fasten snaps.

Installing the Adjustable Abduction Wedge

To install the adjustable abduction wedge to your product, remove the knob and one washer off each threaded stud. Place the abduction wedge in the appropriate slot with one washer on each threaded stud between the abduction wedge and the Prone Stander. Replace washers and knobs on the threaded studs underneath board and tighten securely.

Adjusting the Adjustable Abduction Wedge

To adjust the amount of wedge abduction, raise one wing of the wedge to expose the adjustment screw (A). Turn screw out to increase abduction. Raise the second wing and adjust it in the same way.



Figure 4. Round Abduction Block



Figure 5. Collar for Round Abduction Block

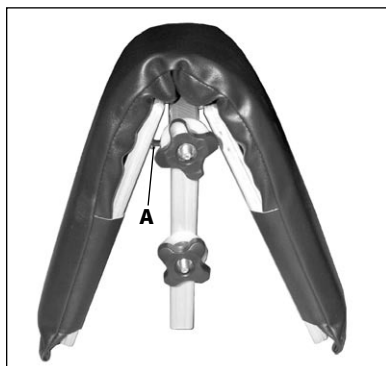


Figure 6. Adjustable Abduction Wedge

Installing the Adjustable Abduction Wedge with Hip Stabilizer

Remove knobs (B) and washers from threaded studs. Slide threaded studs through appropriate slot in board. Replace knobs and washers on threaded studs underneath board and tighten firmly.

Adjusting the Adjustable Abduction Wedge with Hip Stabilizer

To adjust the height of the hip positioner, loosen knob (C), slide hip stabilizer to proper position and tighten knob (see figure 7).

To adjust the hip stabilizer front to back loosen knob (D), slide hip stabilizer in and out as needed and tighten knob.

Adjust the amount of abduction by screwing or unscrewing adjustment screws underneath the wings of the adjustment wedge.

Installation Knee Support Blocks

Install the Knee Support Blocks by loosening knobs (E) and re-tightening behind board, with washer between knob and board.

Adjustment Knee Support Blocks

Knee Support Blocks can be repositioned using knobs (E).

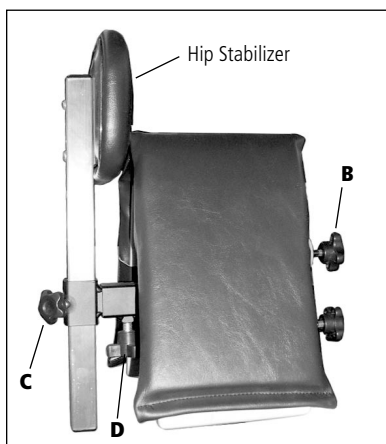


Figure 7

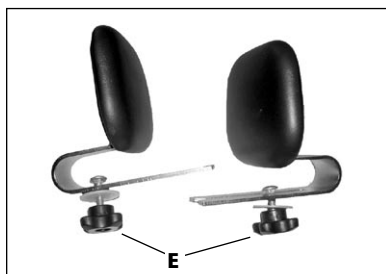


Figure 8

Tray

Installing the Tray

See figures 9, 10 & 11

1. Lock the casters.
2. Turn the handcrank until the prone stander is nearly vertical.
3. Hold the tray in front of you with the adjustable brace down.
4. Place the hook (b) into the slot on the mast.
5. Hold the tray by the tray latches (c), clip them into the ends of the padded foam cross-piece at the top of the main board.
6. Shake tray vigorously to ensure that it is securely fastened.

Adjusting the Tray

Use knob (A) to adjust the angle of the tray. Be sure to tighten knob securely after adjusting.

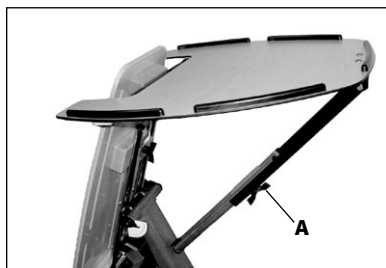


Figure 9

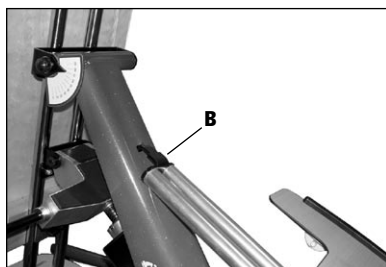


Figure 10. Tray hook going into slot on mast



Figure 11

Footboard

Installing the Footboard

The footboard is shipped mounted in reverse position on the tube. Reposition by removing knob (A) and clamp (B). Rotate footboard into correct position, replace clamp and knob and re-tighten.

Installing the Sandals

Either small or medium sandals may be mounted to the footboard.

1. Remove knobs and washers.
2. Insert bolts through slots in footboard.
3. Replace washers and knobs and tighten securely.

Adjusting the Sandals

1. Loosen the knobs.
2. Move the sandals to the desired position.
3. Retighten the knobs.

Installing the Sandal Wedges

To add a wedge:

1. Unlatch and remove the sandal from the base.
2. Place the wedge over the base and latch it into place; any number of wedges can be added.
3. Put the sandal on top, and latch it.

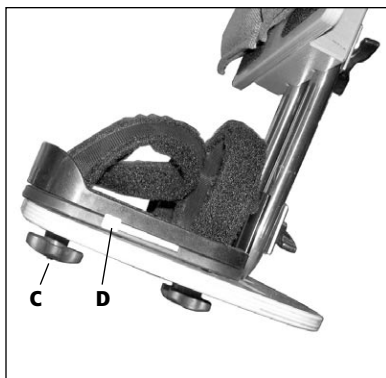


Figure 12

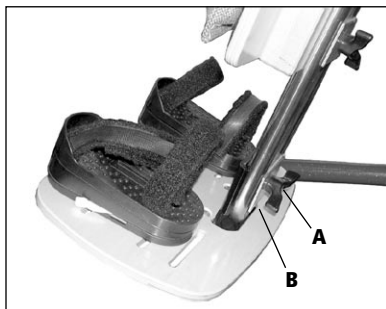


Figure 13

Operation

1. Set the foot board height to approximate position, as low as possible for sense of security. The top of the main board should come to the user's chest.
2. Crank main board to appropriate angle. This depends on whether the user is mounting from a bed, wheelchair, or other position.
3. Open straps on mainboard and move support blocks out as far as possible.
4. Set sandals to approximate positions and open the straps.
5. Assist the user to standing position with the help of a second person if appropriate. Maintain complete support as you fasten the velcro straps. (Remember that straps adjust vertically.) Be sure to secure cross strap (X) on main body strap for added safety.
6. Position lateral support blocks as required.
7. Fine-tune all adjustments, starting with the sandals. Make sure all knobs are tight.
8. Adjustment of the tilt angle with the handcrank can take place at any time once the user is secure.
9. The support blocks can be located at the same vertical position as the straps. Simply move the support blocks from under their original clamp to the clamp at the straps, sliding the bracket under the clamp and tightening the knobs.



CAUTION

For safety, keep all four casters locked at all times, whether the Prone Stander is occupied or unoccupied, except when actually moving it. At the "off" setting, the Prone Stander rolls easily.

Maintenance

Every month, check the lubrication of the threaded rod which drives tilting mechanism. If it seems dry, apply general purpose grease with a brush to the length of the rod.

Twice a year check bolts securing crosspieces of frame and tighten if necessary.

Periodically inspect for cracks, breaks, loose or missing parts, and malfunctions. Remove the product from service when any condition develops that might make operation unsafe.

Cleaning

Remove sandals, straps and pads. Wash wooden parts with soap and water but not too wet because finish is not water proof. Wipe metal parts with damp rag. Clean upholstery with soap and water or an imitation leather cleaner. Straps can be laundered.

Construction

The frame is constructed of welded steel tubing with a durable baked-on finish.

Bright nickel plating protects steel components from rust.

The wooden components are manufactured from durable hardwood plywood or solid maple and finished with a clear polyurethane lacquer. All edges and corners are rounded for safety and ease of cleaning.

The safety straps and supports are made of sturdy polypropylene webbing with velcro closures, attached to bolts which slide in slots in the board for adjustability.

Upholstery is urethane foam covered by attractive expanded vinyl.

The tray is made of phenolic plastic with a wood-grain pattern.

The four 3" casters swivel on ball bearings and each has a built-in locking lever.

Tilting mechanism. Hand crank (3/8" diameter stainless steel rod) turns gears which drive 1" steel rod with acme threads. This provides the thrust to pivot the prone board approximately 1" per turn of the hand crank. Tilting is geared to crank easily with or without person on board. Actual pivot point is 1/2" steel axle which runs through the top tube of the frame. Other bearing points are steel bolts of 1/2" to 3/8" diameter. Moving parts are shielded for safety.

Support block upholstery is urethane foam covered with nylon knit bonded to a breathable, waterproof urethane layer. The materials are fire-resistant and meet state and federal requirements.

Adjustments are made by means of plastic knobs with steel threads.

User modifications

We recognize that some clients may benefit from modifications made in the field. However, we cannot be responsible for customer-modifications to our products without our supervision, testing, or evaluation.

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