



Accessory Kits 082-2114 and 082-2116

Dialysis Kickstand

for Ferno Cot Models 35-P, 35-X, and POWERFlexx

Important - Using This Manual

Instructions for installing the dialysis kickstand are on pages 1-9, and instructions for using and maintaining the kickstand are on pages 10-16.

Once the kickstand has been installed, keep these instructions with your cot users' manual and include the usage portion in your training program for cot operators.

Description of Kits

Dialysis Kickstand Kits 082-2114 and 082-2116 are designed to adapt specified Ferno cots (Figure 1) for use on dialysis scales too short to accommodate the cot wheel base.

Each kit contains a kickstand assembly, a 3/16 inch Allen wrench, and an installation/users' manual (all kits are represented by Figure 2).

The kickstand assemblies look very similar but are sized to fit specific cot models. Before beginning assembly, check to make sure you have the kit designated for your cot model, as follows:

082-2114

- Model 35-P PROFlex® Cot, all serial numbers
- POWERFlexx™ Cot, Serial Numbers Before 06 029075

082-2116

- 35-X PROFlexX® Cot, all serial numbers
- POWERFlexx™ Cot, Serial Numbers 06 029075 and higher

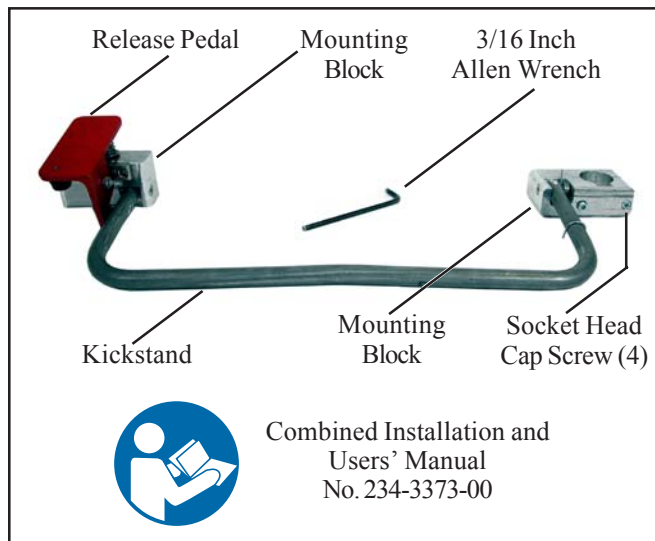


Figure 2 - Kit Components

Tools Required

3/16 inch Allen Wrench (supplied)	1
Tape measure	1
Marking pen	1

Parts Supplied

Kickstand Assembly	1
.250-20x1.000 Socket Head Cap Screw	4
3/16 inch Allen Wrench	1
Installation and Users' Manual No. 234-3373-00	1



Figure 1 - Ferno Cots Compatible with the Dialysis Kickstand

1 - INSTALLING KIT 082-2114 ON A MODEL 35-P PROFLEXX COT

1.1 Installation

1. For easiest access to the lower frame of the cot, raise the cot to its highest position and tip it onto its foot-end lifting frame.

Alternatively, you can raise the cot to its highest level position and stand it on a workbench with all four transport wheels on the work surface.

2. For proper placement of the kickstand, you will need to remove a portion of the handgrip material from the lower frame of the cot (Figure 3).

Measure and mark 2-3/8 inches at the end of the handgrip nearest the head end of the cot (Figure 4).

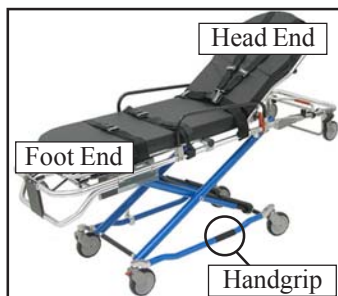


Figure 3 - Handgrip

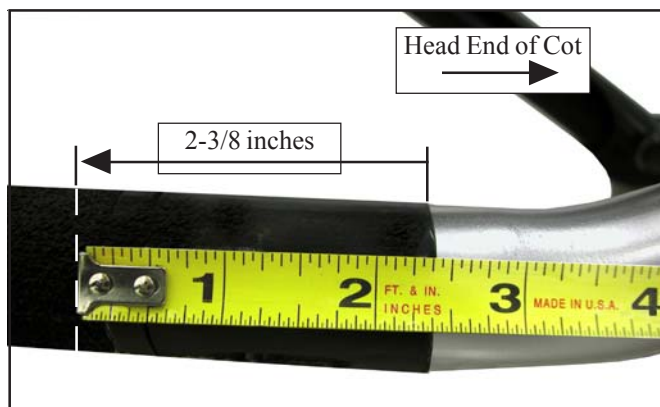


Figure 4 - Measure and Mark the Handgrip

3. Use a utility knife to carefully cut through the handgrip material around its entire circumference.
Then carefully slice the cut section horizontally and remove the piece of handgrip material from the tube.
4. Use the 3/16 inch Allen wrench to unthread the two bolts from each kickstand mounting block.
5. The mounting block with the release pedal will be attached next to the handgrip. Position the two halves of this mounting block around the frame tube and against the cut end of the handgrip.
6. Thread the two bolts an even distance into the mounting block but do not tighten them completely (Figure 5).

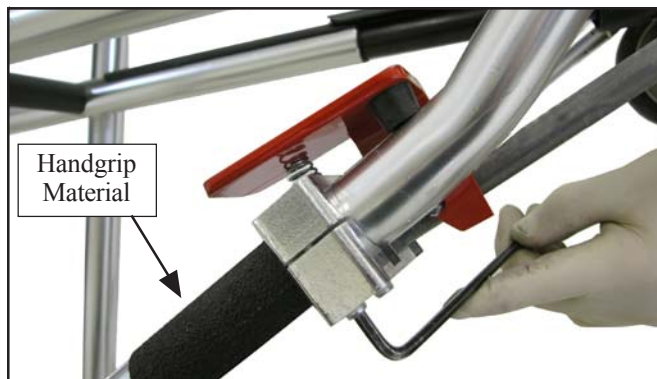


Figure 5 - Attach the Patient's Left Side Mount

7. Check the mounting block placement by measuring from the block to the edge of the wheel-shank mount as shown in (Figure 6). The distance should measure 9-3/8 inches.

If your measurement is 9-3/8 to 9-1/2 inches, proceed to Step 8. If it is not, continue with Step 7, below.

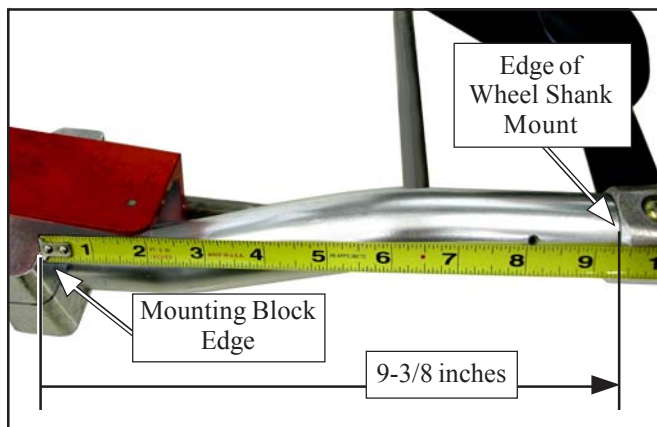


Figure 6 - Check the Mounting Block Placement

If the measured distance is less than 9-3/8 inches, the rubber bumper beneath the pedal may press against the frame tube and prevent the pedal from functioning properly. **The bumper can touch the tube but should not press against it.**

If the bumper presses against the tube, adjust the mounting block position as follows:

- Remove the mounting block, then remove enough additional handgrip material to allow the rubber bumper to touch the tube but not press against it. Reattach the mounting block. Measure and record the new distance.

If the measured distance is greater than 9-1/2 inches, remove the mounting block and attach it at the 9-3/8 inch point.

8. On the lower frame at the opposite side of the cot, extend the tape measure from the wheel-shank mount toward the foot end of the cot and mark the tube at 9-3/8 inches.

Note: If you adjusted the position of the first mounting block, use the measurement you recorded after making the adjustment.

9. Place the two halves of the second mounting block around the frame tube at the marked point.
10. Thread the two bolts an equal distance into the mounting block but do not tighten them completely (Figure 7).



Figure 7 - Attaching the Patient's Right Side Mount

11. Check the position of the second mounting block by measuring again from the block to the edge of the wheel-shank mount. This measurement should be the same as the measurement for the first mounting block. If it is not, adjust the position of the second mounting block.
12. When both mounting blocks are positioned correctly, finish tightening the bolts in both blocks.

1.2 Check the Installation

Follow the instructions in this subsection to confirm that the kickstand is installed properly and functions properly.

1. If the cot was tipped onto its foot end, tip it down onto all four transport wheels and lower it to the highest level position..

If the cot was standing on a workbench, move the cot to the floor.

2. Lower and engage the kickstand.
 - To lower the kickstand, press down on the kickstand pedal with your foot. The kickstand should rotate down and rest against the floor.
 - Move to the head end of the cot and lift it high enough to allow the kickstand to rotate past the vertical and engage (Figure 8).
3. While the kickstand is engaged, check for its overall proper positioning by measuring the distance from the floor to the bottom of the raised wheel. The distance should measure 3 inches (Figure 9).



Figure 8 - Kickstand Engaged

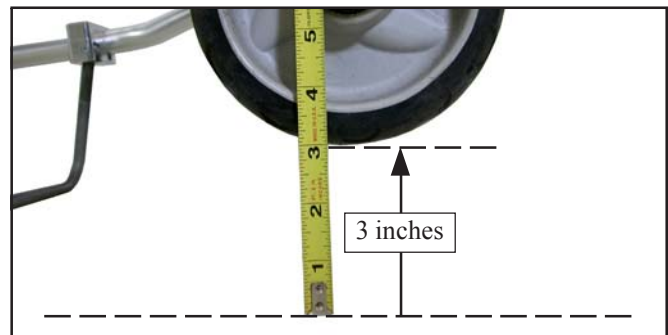


Figure 9 - Check the Floor-to-Wheel Distance

4. Raise and lock the kickstand.
 - Lift the head end of the cot and push it away from you a few inches to move the cot off the kickstand. Set the cot down and move to one side of the kickstand.
 - Use your toe to rotate the kickstand up until it locks (Figure 10).



Figure 10 - Kickstand Raised and Locked

5. If the measurement taken in Step 3 is correct and the kickstand functions properly, it is ready for operators to be trained in its use. See pages 10-16 for complete operating instructions.

If the measurement is not correct, recheck all measurements and make the required adjustments.

If the kickstand does not function properly but all measured distances are correct, contact Ferno Customer Relations (page 13).

2 - INSTALLING KIT 082-2114 ON A POWERFLEX COT (Serial Numbers Before 06 029075)

2.1 Before You Begin

1. Kit 082-2114 is designed for use with POWERFlexx Powered Cots before serial number 06-029075. Check your cot serial number to ensure that you will be using the correct kit.

Note: The serial number tag is located under the shock frame on the crosstube closest to the control panel (Figure 11).



Figure 11 - Serial Number Location

2.2 Installation

1. The kickstand will be mounted on the lower frame toward the cot's head end (Figure 12).

For easiest access to the work area, raise the cot to its highest position, turn the cot power switch OFF, and **gently** tip the cot onto its foot-end lifting frame.



Figure 12 - Kickstand Mounting Location

Alternatively, you can raise the cot to a high, but level, position, turn the power switch OFF, and stand the cot on all four transport wheels on a workbench.

Important

Turn the cot power switch OFF before tipping the cot onto its foot-end lifting frame, or before placing it on a workbench.

2. The mounting block with the release pedal will be attached to the lower frame on the patient's left side of the cot.

Use the 3/16 inch Allen wrench supplied to remove the two bolts from the mounting block.

3. Have an assistant help you measure and mark the mounting point for the mounting block on the patient's left side of the cot.

- Hold the two halves of the block around the lower frame tube and thread the bolts a little way into the block. Leave the bolts loose enough to allow the block to slide along the tube.

- Extend the measuring tape from the actuator mount crosstube toward the head end of the cot and slide the mounting block along the tube until the foot-end edge of the block is at the 11-inch mark on the measuring tape (Figure 13). Mark the tube at 11 inches.

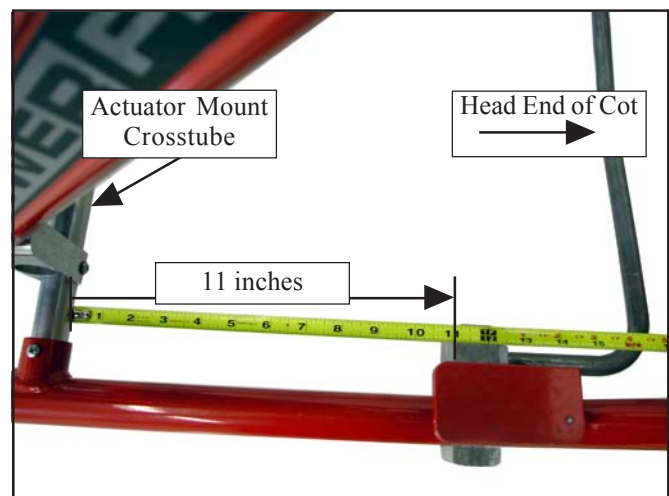


Figure 13 - Measure To Find Mounting Point

4. Position the mounting block at the 11-inch mark and use the supplied Allen wrench to tighten both bolts evenly but not yet completely (Figure 14).



Figure 14 - Attach First Mounting Block

5. Measure to check that the block is mounted at the 11-inch point. If it is not, adjust the position of the block.

6. The second mounting block will be attached to the lower frame on the opposite side of the cot. To attach it (Figure 15) remove the bolts from the block and repeat Steps 3-5.



Figure 15 - Attach Second Mounting Block

7. Measure to check that the second block is positioned at 11 inches, and make any necessary adjustment.
8. When both mounting blocks are positioned correctly, finish tightening the bolts in both blocks.

2.3 Check the Installation

Follow the instructions in this subsection to confirm that the kickstand is installed properly and functions properly.

1. If the cot was tipped onto its foot end lifting frame, tip it down onto all four transport wheels and lower it to its highest level position.

If the cot was standing on a workbench, move the cot to the floor.

2. Lower and engage the kickstand.

- To lower the kickstand, press down on the kickstand pedal with your foot. The kickstand should rotate down and rest against the floor.
- Move to the head end of the cot and lift it high enough to allow the kickstand to rotate past the vertical and engage (Figure 16).



Figure 16 - Kickstand Engaged

3. While the kickstand is engaged, check for its overall proper positioning by measuring the distance from the floor to the bottom of the raised transport wheel. The distance should measure 3/4 inch (Figure 17).

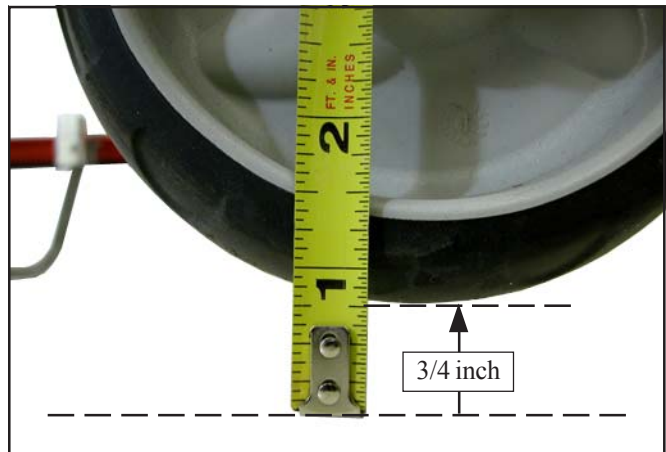


Figure 17 - Check the Floor-to-Wheel Distance

4. Raise and lock the kickstand.

- Lift the head end of the cot and push it away from you a few inches to move the cot off the kickstand. Set the cot down and move to one side of the kickstand.
- Use your toe to rotate the kickstand up until it locks (Figure 18).



Figure 18 - Kickstand Raised and Locked

5. If the measurement taken in Step 3 is correct and the kickstand functions properly, it is ready for operators to be trained in its use. See pages 10-16 for complete operating instructions.

If the measurement taken in Step 3 is not correct, recheck all measurements and make the required adjustments.

If the kickstand does not function properly but all measured distances are correct, contact Ferno Customer Relations (page 13).

3 - INSTALLING KIT 082-2116 ON A 35-X PROFLEX X COT

3.1 Installation

1. The kickstand will be mounted near the head end of the cot's lower frame. For easiest access to the work area, raise the cot to its highest position and tip it onto its foot-end lifting frame.

Alternatively, you can raise the cot to a high but level position and stand it on a workbench with all four transport wheels on the work surface.

2. You will need to remove a portion of the handgrip material from the lower frame of the cot (Figure 19).

Measure and mark 2-1/4 inches at the head end of the handgrip (Figure 20).

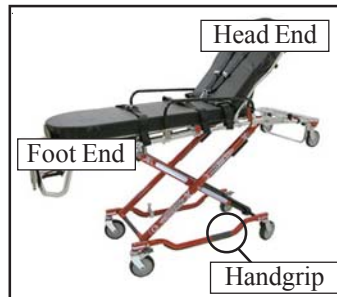


Figure 19 - Hand Grip

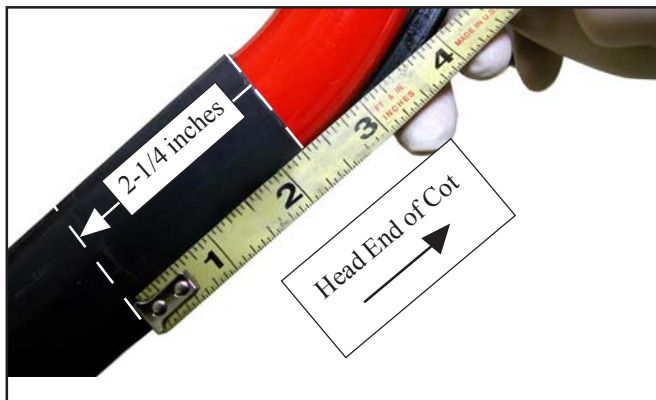


Figure 20 - Measure and Mark the Handgrip

3. Use a utility knife to carefully cut through the handgrip material around its entire circumference. Then, carefully cut along each side of the scuff strip on the underside of the tube and remove the handgrip material.
4. Use the 3/16 inch Allen wrench to remove the two bolts from each kickstand mounting block.
5. The mounting block with the release pedal will be attached next to the handgrip. Position the two halves of this mounting block around the frame tube and against the cut end of the handgrip.
6. Thread the two bolts an even distance into the mounting block but do not tighten them completely (Figure 21).



Figure 21 - Attach the Patient's Left Side Mount

7. Check the mounting block placement by measuring from the foot-end edge of the mounting block to the top edge of the wheel fork (Figure 22). The distance should measure 15-3/8 inches.

If the measurement is 15-3/8 inches, proceed to Step 8. If it is not, continue with Step 7, below.

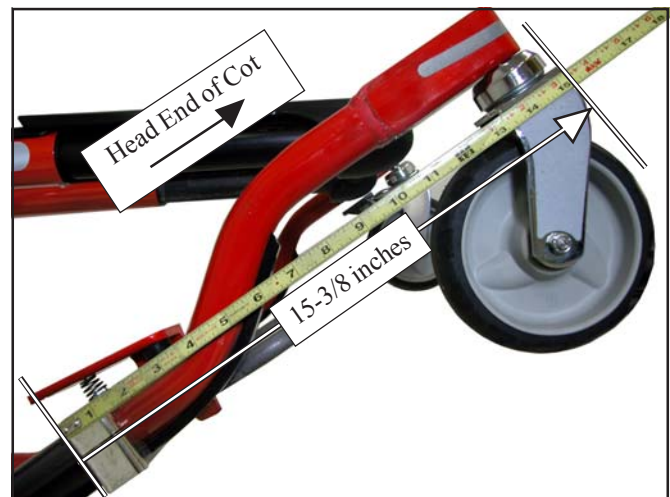


Figure 22 - Check the Mounting Block Placement

If the measured distance is less than 15-3/8 inches, the rubber bumper beneath the pedal may press against the frame tube and prevent the pedal from functioning properly. **The bumper can touch the tube but should not press against it.** If the bumper presses against the tube, adjust the mounting block position as follows:

- Remove the mounting block, then remove enough additional handgrip material to allow the rubber bumper to touch the tube but not press against it. Reattach the mounting block. Measure and record the new distance.

If the measured distance is greater than 15-3/8 inches, remove the mounting block and attach it at 15-3/8 inches.

8. The second mounting block will be attached to the lower frame on the opposite side of the cot.
 - Hold the halves of the mounting block around the frame tube and thread the bolts back into the block loosely enough to slide the block along the tube.
 - Extend the tape measure from the top edge of the wheel fork toward the foot end of the cot and slide the mounting block along the tube until the foot-end edge of the block is at the 15-3/8 inch point on the tape measure. Mark the tube at the 15-3/8 inch point.

Note: If you adjusted the position of the first mounting block, use the measurement you recorded after making the adjustment.

9. Position the mounting block at the marked point and tighten the bolts, but not completely (Figure 23).



Figure 23 - Attach the Patient's Right Side Mount

10. Re-measure the mounting positions of both blocks and make any adjustments required before completely tightening the bolts in both blocks.

3.2 Check the Installation

Follow the instructions in this subsection to confirm that the kickstand is installed properly and functions properly.

1. If the cot was tipped onto its foot end, tip it down onto all four transport wheels and lower it to its highest level position..

If the cot was standing on a workbench, move the cot to the floor.
2. Lower and engage the kickstand.
 - To lower the kickstand, press down on the kickstand pedal with your foot. The kickstand should rotate downward and rest against the floor.
 - Move to the head end of the cot and lift it high enough to allow the kickstand to rotate past the vertical and engage (Figure 24).



Figure 24 - Kickstand Engaged

3. While the kickstand is engaged, check for its overall proper positioning by measuring the distance from the floor to the bottom of the raised wheel. The distance should measure 5/8 inch (Figure 25).

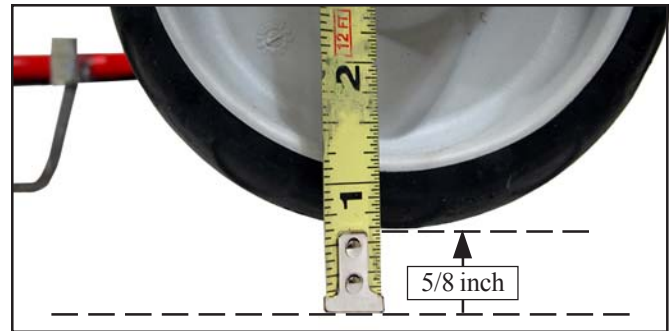


Figure 25 - Check Floor-to-Wheel Distance

4. Raise and lock the kickstand.
 - Lift the head end of the cot and push it away from you a few inches to move the cot off the kickstand. Set the cot down and move to one side of the kickstand.
 - Use your toe to rotate the kickstand up until it locks (Figure 26).



Figure 26 - Kickstand Raised and Locked

5. If the measurement taken in Step 3 is correct and the kickstand functions properly, it is ready for operators to be trained in its use. See pages 10-16 for complete operating instructions.

If the measurement is not correct, recheck all measurements and make the required adjustments.

If the kickstand does not function properly but all measured distances are correct, contact Ferno Customer Relations (page 13).

4 - INSTALLING KIT 082-2116 ON A POWERFLEX COT (Serial Number 06 029075 and Higher)

4.1 Before You Begin

1. Kit 082-2116 is designed for use with POWERFlexx Powered Cots serial number 06-029075 and higher. Check your cot serial number to ensure that you are using the correct kit.

Note: The serial number tag is located under the shock frame on the crosstube closest to the control panel (Figure 27).



Figure 27 - Serial Number Location

4.2 Installation

1. The kickstand will be mounted on the lower frame toward the cot's head end (Figure 28).

For easiest access to the work area, raise the cot to its highest position, turn the cot power switch OFF, and **gently** tip the cot onto its foot-end lifting frame.



Figure 28 - Kickstand Mounting Location

Alternatively, you can raise the cot to a high, but level, position, turn the power switch OFF, and stand the cot on all four transport wheels on a workbench.

Important

Turn the cot power switch OFF before tipping the cot onto its foot-end lifting frame, or before placing it on the workbench.

2. The mounting block with the release pedal will be attached to the lower frame on the patient's left side of the cot.

Use the 3/16 inch Allen wrench supplied to remove the two bolts from the mounting block.

3. Have an assistant help you measure and mark the mounting point for the mounting block on the patient's left side of the cot.

- Hold the two halves of the block around the lower frame tube and thread the bolts a little way into the block. Leave the bolts loose enough to allow the block to slide along the tube.
- Extend the measuring tape from the actuator mount crosstube toward the head end of the cot and slide the mounting block along the tube until the foot-end edge of the block is at the 11-inch mark on the measuring tape. Mark the tube at 11 inches (Figure 29).

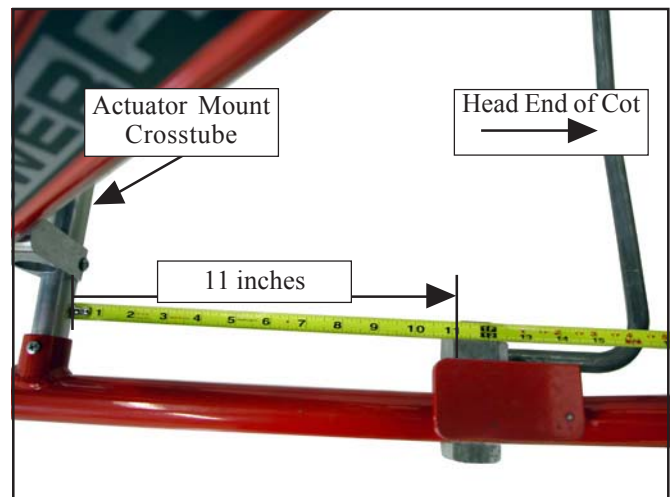


Figure 29 - Measure To Find Mounting Point

4. Position the mounting block at the 11-inch mark and use the supplied Allen wrench to tighten both bolts evenly but not yet completely (Figure 30).



Figure 30 - Attach First Mounting Block

5. Measure to check that the block is mounted at the 11-inch point. If it is not, adjust the position of the block.

6. The second mounting block will be attached to the lower frame on the opposite side of the cot. To attach it (Figure 31) remove the bolts from the block and repeat Steps 3-5.
7. Measure to check that both blocks are positioned at 11 inches. Make any positioning adjustments needed.
8. When both mounting blocks are positioned correctly, finish tightening the bolts in both blocks.



Figure 31 - Attach Second Mounting Block

3. While the kickstand is engaged, check for its overall proper positioning by measuring the distance from the floor to the bottom of the raised transport wheel. The distance should measure 3/4 inch (Figure 33).

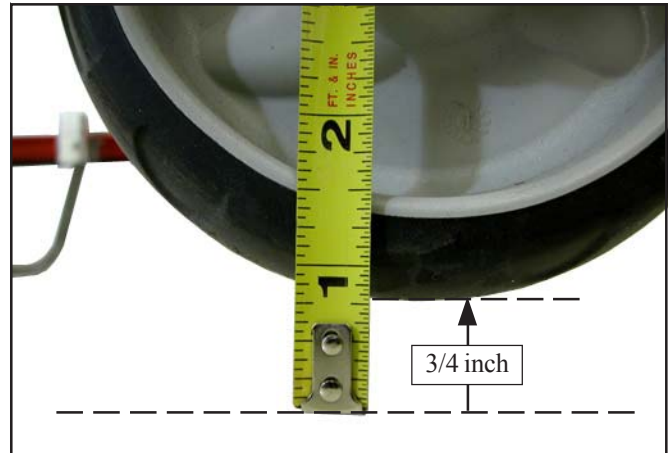


Figure 33 - Check the Floor-to-Wheel Distance

4.3 Check the Installation

Follow the instructions in this subsection to confirm that the kickstand is installed properly and functions properly.

1. If the cot was tipped onto its foot end lifting frame, tip it down onto all four transport wheels and lower the cot to its highest level position.

If the cot was standing on a workbench, move the cot to the floor.

2. Lower and engage the kickstand.
 - To lower the kickstand, press down on the kickstand pedal with your foot. The kickstand should rotate downward and rest against the floor.
 - Move to the head end of the cot and lift it high enough to allow the kickstand to rotate past the vertical and engage (Figure 32).



Figure 32 - Kickstand Engaged

4. Raise and lock the kickstand.
 - Lift the head end of the cot and push it away from you a few inches to move the cot off the kickstand. Set the cot down and move to one side of the kickstand.
 - Use your toe to rotate the kickstand up until it locks (Figure 34).



Figure 34 - Kickstand Raised and Locked

5. If the measurement taken in Step 3 is correct and the kickstand functions properly, it is ready for operators to be trained in its use. See pages 10-16 for complete operating instructions.

If the measurement taken in Step 3 is not correct, recheck all measurements and make the required adjustments.

If the kickstand does not function properly but all measured distances are correct, contact Ferno Customer Relations (page 13).

5 - USING THE KICKSTAND

5.1 Safety Information

WARNING

notices such as the one below indicate a potentially hazardous situation which, if not avoided, could result in injury or death.

WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the kickstand.

IMPORTANT

notices such as the one below emphasize important usage or maintenance information.

Important

Turn the cot power switch OFF before tipping the cot onto its foot-end lifting frame, or before placing it on the workbench.

BLOODBORNE DISEASE NOTICE

To reduce the risk of exposure to bloodborne diseases such as HIV-1 and hepatitis when using the kickstand, follow the disinfecting and cleaning instructions in this manual.

USERS' MANUALS

Read the users' section of the dialysis kickstand manual, **plus** the users' manual for the cot on which the kickstand has been installed.

For additional, free users' manual, contact your Ferno distributor or Ferno Customer Relations, page 13.



Read the users' manuals for the dialysis kickstand **and** the cot on which the kickstand has been installed.

5.2 Operator Skills and Training

SKILLS

Operators using the kickstand need:

- ☐ a working knowledge of patient-handling procedures.
- ☐ the ability to assist the patient.
- ☐ a complete understanding of the procedures described in this manual and in the cot users' manual.

TRAINING

Trainees need to:

- ☐ follow a training program designed by their training officer.
- ☐ read this manual. For additional free manuals, contact your Ferno distributor or Ferno Customer Relations (page 13).
- ☐ practice using the kickstand before using it in regular service.
- ☐ be tested on their understanding of the kickstand's use.
- ☐ record their training information.

WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the kickstand.

5.3 About the Kickstand

DESCRIPTION

The dialysis kickstand (called the kickstand in this manual) is a device designed to adapt specified Ferno cots for use on dialysis scales that are too short to accommodate the cot wheel base.

The dialysis kickstand is intended for professional use only. Using the kickstand requires a minimum of two trained operators at all times.

WARNING

Improper use of the kickstand can cause injury. Use the kickstand only for the purpose described in this manual.

KICKSTAND COMPONENTS

The kickstand mounts to both sides of the lower frame of the cot (Figure 35). A release pedal with a spring mechanism allows the kickstand to rotate down for lowering and engagement. The kickstand locks in the raised position when not in use.

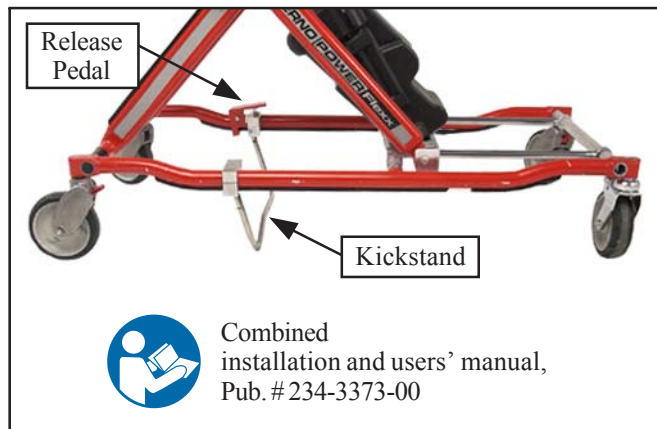


Figure 35 - Kickstand Components

5.4 General Guidelines for Use

- Using the kickstand requires a minimum of two trained operators at all times. Operators work together, communicate with each other, and operate the kickstand using coordinated movements.
- Lift only the weight you can safely handle. Use additional help when working with heavy loads (patient and equipment).
- Stay with the cot and patient when the patient is on the cot. Be especially alert when the kickstand is in use.
- Use patient restraints.

! WARNING

Improper operation can cause injury. Operate the kickstand only as described in this manual.

An unrestrained patient can fall off the cot and be injured. Use restraints to secure the patient on the cot.

An unattended cot with a patient on it can be moved or bumped by unauthorized personnel and cause injury. Stay with the cot when the patient is on it and be especially alert while the kickstand is engaged.

5.5 Engaging the Kickstand

When the kickstand is engaged, it raises the head end of the cot until the wheels are off the floor. This transfers the cot and patient weight to the foot end of the cot and the kickstand.

Always park the cot with the foot-end wheels on the scale and the head-end wheels on the floor (Figure 36).

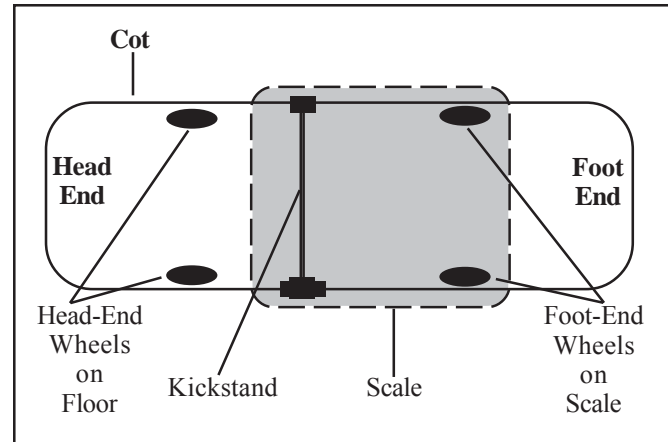


Figure 36 - Parking the Cot on the Scale

Note: Use a minimum of two trained operators at all times.

1. **Both Operators:** Roll the cot to the edge of the dialysis scale and stop to check that the cot is in a rolling (level) position and that patient restraints are fastened.
2. **Both Operators:** Roll the cot onto the scale and park it with the foot-end wheels on the scale and the head-end wheels on the floor.
3. **Assisting Operator:** Stand at the foot end of the cot and prepare to grasp the main frame with an underhand grip (palms up).
4. **Pedal/Lifting Operator:** Stand beside the cot and use your toe to press down on the release pedal to unlock the kickstand (Figure 37). The kickstand will rotate down until it rests against the scale.

Move to the head end of the cot and prepare to grasp the main frame with an underhand grip (palms up).



Figure 37 - Lowering Kickstand

5. **Both Operators:** The pedal/lifting operator grasps the cot main frame and lifts the head end of the cot high enough to allow the kickstand to rotate past the vertical and engage (Figure 38).

The assisting operator grasps the main frame to ensure stability as the cot is lifted.



Figure 38 - Kickstand Engaged

6. **Both Operators:** The pedal/lifting operator gently lowers the cot until its weight rests fully on the scale.

The assisting operator grasps the main frame to ensure stability as the cot is lowered.

5.6 Raising the Kickstand

1. **Both Operators:** Assume your positions at the head and foot ends of the cot and grasp the main frame.
2. **Both Operators:** Ensure that the cot remains stable during this step.

Pedal/Lifting Operator: Throughout this step, hold and control the weight of the cot and move slowly in order to move the cot off the kickstand smoothly.

Lift the head end of the cot a few inches and control its weight as you gently push the cot away from you to move it off the kickstand. Lower the wheels to the scale.

Important

Lowering the cot abruptly can jolt the patient and cause discomfort. Hold and control the weight of the cot as you move the cot off the kickstand.

3. **Pedal/Lifting Operator:** Move to the side of the cot and use your toe to rotate the kickstand up until it locks in the raised position (Figure 39).

The cot can now be rolled off the scale.



Figure 39 - Raising the Kickstand

6 - MAINTENANCE

6.1 Maintenance Schedule

Disinfect, clean and inspect the kickstand using the same products and schedule used for the cot. The kickstand does not require lubrication.

! WARNING

Improper maintenance can cause injury. Maintain the kickstand only as described in this manual.

6.2 Disinfecting and Cleaning the Kickstand

When using maintenance products, follow the manufacturers' instructions and read the material safety data sheets.

To disinfect: Apply disinfectant to all surfaces according to the disinfectant manufacturer's directions for application and contact time.

To clean: Hand wash the all parts of the kickstand with warm water and a mild detergent. Use a brush with stiff bristles (but not a wire brush) to remove stains. Rinse with warm, clear water. Dry the kickstand with a towel or allow it to air-dry.

6.3 Inspecting the Kickstand

Have your service's equipment maintenance personnel inspect the kickstand. Follow the checklist below and work the kickstand through all its functions as described in this manual. If the inspection shows damage or excessive wear, remove the kickstand from service until repair is made (see *Parts and Service*, pages 14 and 15).

INSPECTION CHECKLIST

- ☐ Are all components present?
- ☐ Is the kickstand free of excessive wear?
- ☐ Are all screws, nuts, bolts and roll pins securely in place?
- ☐ Do all moving parts function smoothly and properly?

7 - FERNO CUSTOMER RELATIONS

Customer service and product support are important aspects of each Ferno product.

For assistance, please contact Ferno Customer Relations:

Canada and the U.S.A.

Telephone (Toll-free) 1.877.733.0911
 Telephone 1.937.382.1451
 Fax (Toll-free) 1.888.388.1349
 Fax 1.937.382.1191
 Internet www.ferno.com

For assistance or information, please contact your Ferno distributor. If you do not have a Ferno distributor, please contact Ferno Customer Relations:

Telephone +1.937.382.1451
 Fax +1.937.382.6569
 Internet www.ferno.com

8- LIMITED WARRANTY STATEMENT

The products sold by Ferno are covered by a limited warranty. The actual terms and conditions of the limited warranty, and the limitations of liability and disclaimers, are available upon request by calling 1.800.733.3766 or 1.937.382.1451.



EUROPEAN REPRESENTATIVE

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9 - PARTS AND SERVICE

REPAIRS AND PARTS



EMSAR® is the only organization authorized by Ferno to manage, service, and repair Ferno products.

Telephone (Toll-free) 1.800.73.EMSAR
 Telephone (Worldwide) 1.937.383.1052
 Fax (Worldwide) 1.937.383.1051
 Internet www.EMSAR.com

! WARNING

Modifying the kickstand can cause injury and damage. Use the kickstand only as designed by Ferno.

! WARNING

Improper parts and service can cause injury. Use only Ferno parts and Ferno-approved service on the kickstand.

9.1 Parts List

Kit #	Description	Part #1	Cot Models
1	Mount, Right w/Hardware	190-1672	35-P, 35-X, All POWERFlexx serial numbers
2	Torsion Spring w/Hardware	190-1673	35-P, 35-X, All POWERFlexx serial numbers
3	Kickstand w/Hardware	190-1674	35-P, POWERFlexx serial numbers before 06 029075
3	Kickstand w/Hardware	190-1675 ...	35-X, POWERFlexx serial numbers 06 029075 & higher
4	Lock Plate w/Hardware	190-1677	35-P, 35-X, All POWERFlexx serial numbers
5	Lock Pedal w/Hardware	190-1678	35-P, 35-X, All POWERFlexx serial numbers
6	Compression Spring w/Hardware	190-1679	35-P, 35-X, All POWERFlexx serial numbers
7	Mount, Left w/Hardware	190-1680	35-P, 35-X, All POWERFlexx serial numbers

9.2 Parts Diagram

The numbers on this diagram correspond to the kit numbers in the parts list on page 14.

