

FastTrack™ Sizing Guide



horsepower[™]
TECHNOLOGIES

Congratulations on your purchase of Horsepower Technologies Sizing Kit. Please take a moment to read these instructions before using Sizing Kit.

You can find step-by-step videos online at <http://www.horsepowertech.com/support>

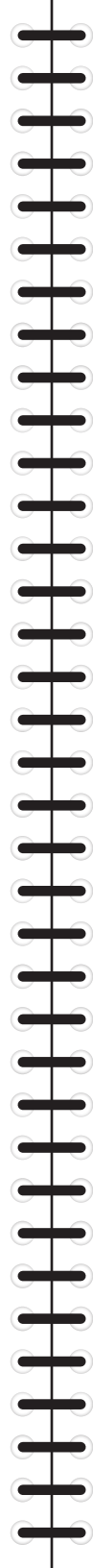
It is recommended to have 4 COR markers per leg, a pen and a measurement card ready before starting measurements.

For questions or comments please contact:

Customer Support
844-51-HORSE
support@horsepowertech.com
or visit www.horsepowertech.com

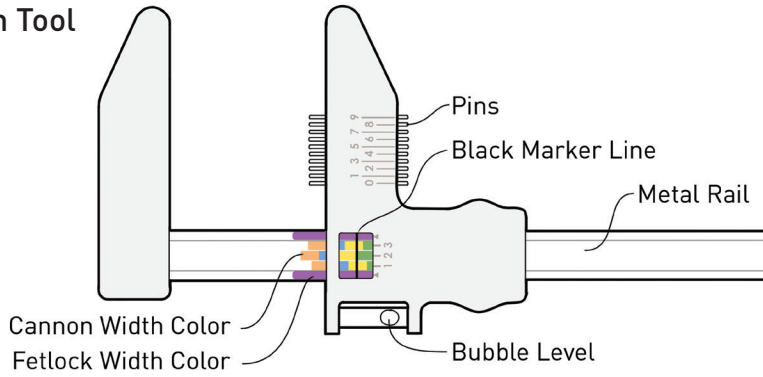
WARNING:

1. Correct and accurate fit and application is critical to this device's proper performance.
 - Carefully read instructions and warnings prior to use.
2. Using this device requires working in close proximity to a horse's legs, please use extreme caution as horses are prone to sudden movements.

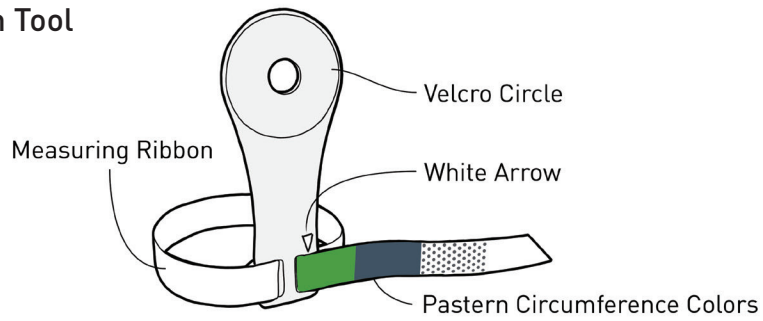


Included in Your Kit

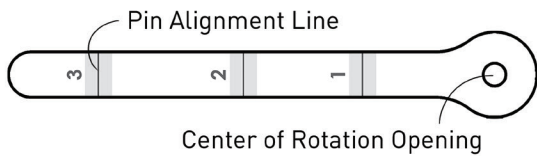
Cannon Tool



Pastern Tool



Alignment Tape*



COR Markers*



Measurement Card*

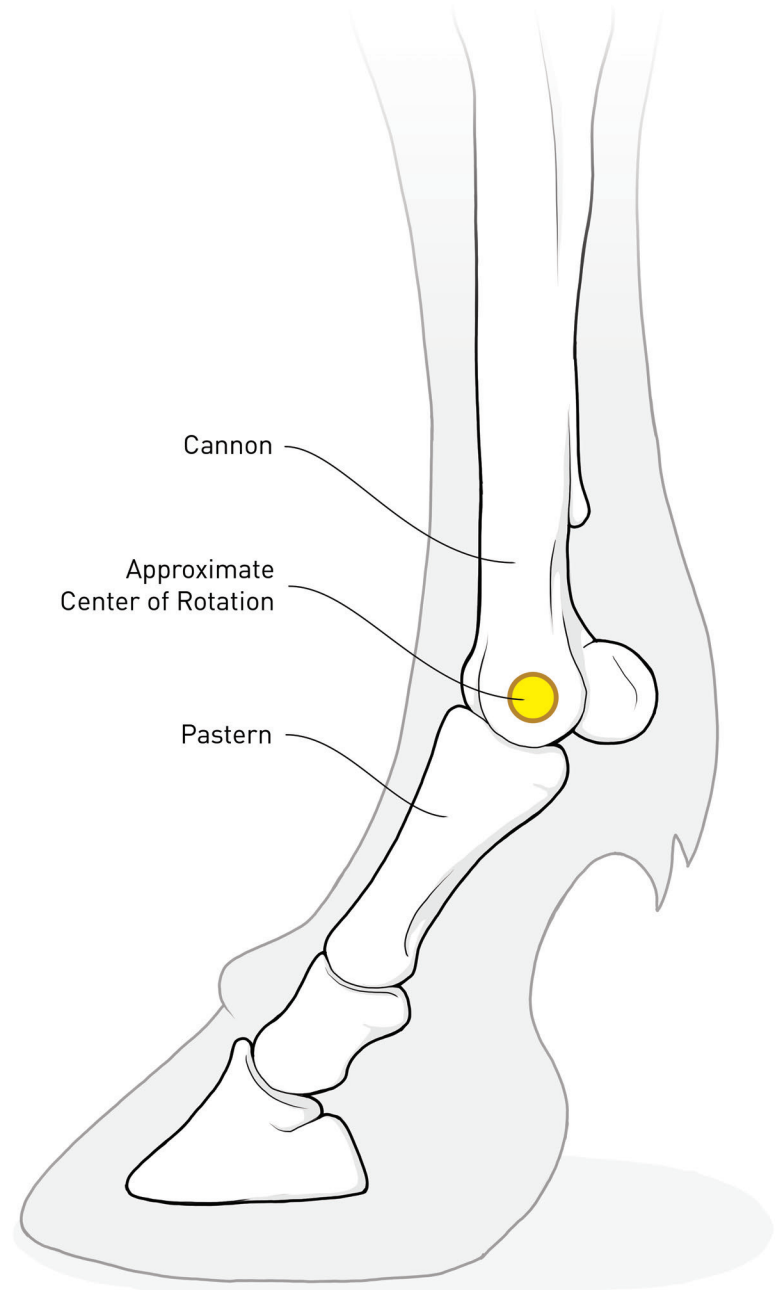
Owner: _____	Veterinarian: _____	Ship To Name / Company: _____
Address: _____	Practice: _____	Address: _____
Phone: _____	Horse: _____	Phone: _____
Email: _____	Discipline: _____	Email: _____

LEFT FORELIMB				RIGHT FORELIMB						
Cannon Color	Pin Number			Cannon Color	Pin Number					
Line 1	0	1	2	3	4	5	6	7	8	9
Line 2	0	1	2	3	4	5	6	7	8	9
Line 3	0	1	2	3	4	5	6	7	8	9

Fetlock Color	Pastern Color	Fetlock Color	Pastern Color						
0	1	2	3	4	5	6	7	8	9

*These components can be replenished by ordering a Sizing Kit Refill.

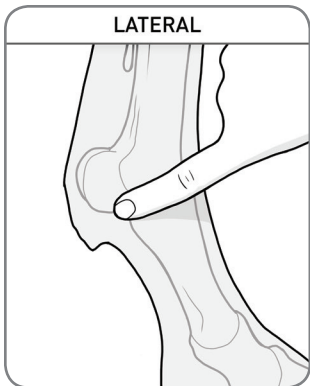
Fetlock Joint Anatomy



1 Find the Center of Rotation



1. Find the Center of Rotation (COR) using the palpation method.
2. Make sure the horse's legs from the knee down are dry and clean.



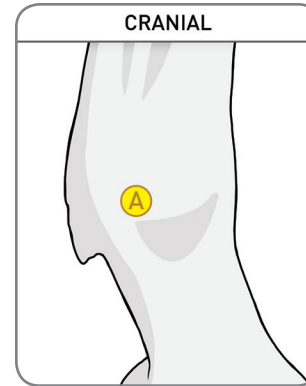
3. Stand the horse square on a firm, flat surface.
4. Palpate with your index finger and find the depression between the palmar process of the first phalanx and the base of the proximal sesamoid bone.

Note: This depression will feel like a 'divot' on the surface fetlock.



5. Replacing your index finger with your thumb, use your thumbnail to identify the joint margin.

1 Find the Center of Rotation cont.



6. Place one of the supplied adhesive COR markers on the horse's leg at this point (Marker A).

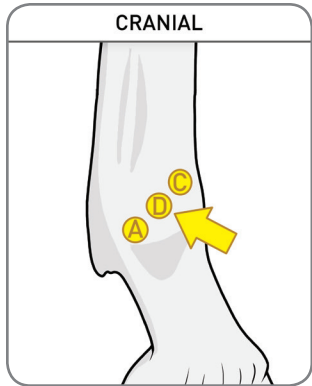


7. Next, identify the prominence of the intercondylar ridge on the cranial aspect of the cannon near to the fetlock joint.
8. The marker will be positioned at that point where the intercondylar ridge merges with the flat cranial surface of the distal cannon bone.
9. To identify, deeply palpate the front of the lower cannon bone with both thumbs.



10. Identify the prominence of the intercondylar ridge at it arises from the cannon bone's main surface.
11. Place a marker on the skin at that location (Marker B). Be careful to not allow the skin's elasticity to draw the marker away from the preferred point.
12. Place a second marker at the same level in a proximo-distal axis but on the forward-most part of the lateral surface of the cannon bone (Marker C).
13. The two markers identify the preferred position.
14. Remove Marker B.

1 Find the Center of Rotation cont.



15. Place the last marker (Marker D) midway between Markers A and C. This point corresponds to the fetlock Center of Rotation.

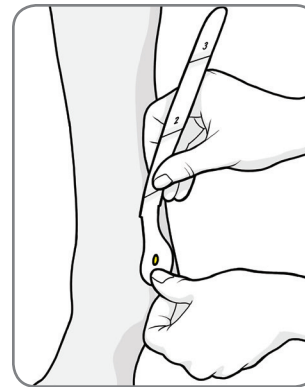


16. Remove the two outermost markers from the horse's fetlock (Markers A and C), leaving the Center of Rotation marked.

2 Apply Alignment Tape

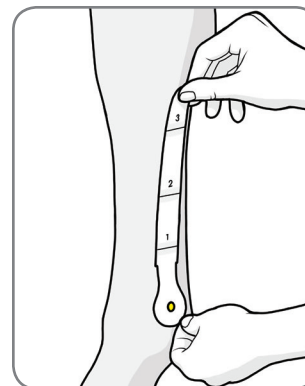


1. Remove one alignment tape from the poly bag.
2. Peel off the lower section of liner on the back of the tape, exposing the adhesive.



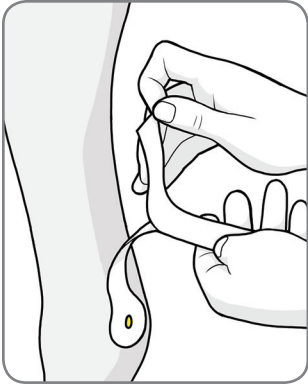
4. Carefully line up the hole in the circular end piece of the tape over the COR marker.
5. Apply the circle portion of the tape to the leg with the long strip aimed up the cannon bone. To allow re-positioning, lightly tack the circle portion of the tape to the leg until the location is confirmed.

Note: The COR marker should be visible through the circular opening at the bottom of the tape.

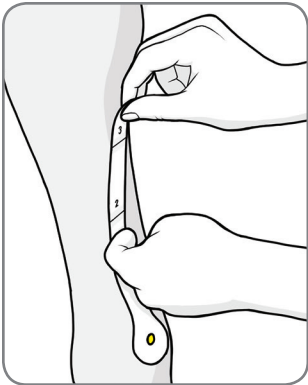


7. Without removing the liner, confirm that the long strip portion of the alignment tape runs parallel to the cannon bone. If it does not, adjust the orientation of the circle of tape until it does.
8. Once the long strip is aligned with the cannon bone, firmly press the lower circle section of the tape to the limb to ensure good adhesion.

2 Apply Alignment Tape cont.

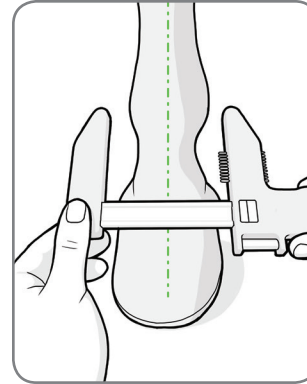


9. Remove the liner from the upper strip portion of the alignment tape, exposing the adhesive.

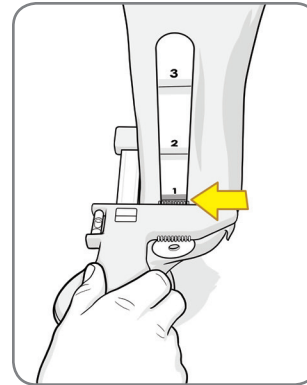


10. Affix the strip portion of the tape to the skin overlying the cannon bone. Be sure to keep it unwrinkled but do not stretch it.
11. Once the strip is in place, apply firm pressure to the tape to get good adhesion to the leg.
12. Before proceeding to Section 3, gather one measurement card, a pen to record measurements and the cannon tool.

3 Measure Cannon with Caliper

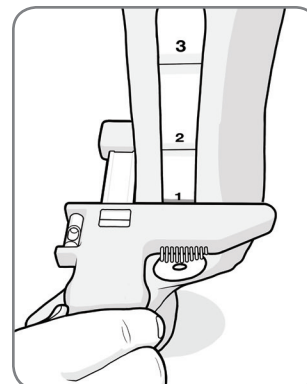


1. Stand the horse square on a firm, flat surface.
2. Open the calipers sufficiently to fit over the widest (side-to-side) aspect of the cannon, when being placed from the front.
3. Identify Line 1 on the alignment tape and engage the calipers at that level to measure the width of the cannon.
4. Ensure sizing tool is square to the leg (i.e. the movable jaw is parallel to the true mid-plane of the cannon).



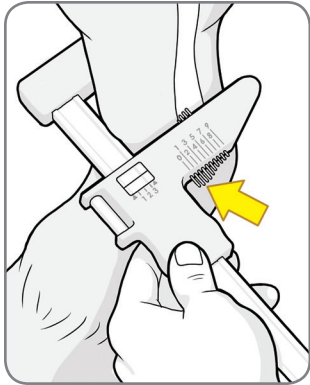
5. The metal rail of the caliper should be in contact with the front of the cannon bone.
6. Align the spring-loaded pins on the movable jaw of the caliper with the black line on the alignment tape.

Note: Be sure to keep the movable jaw parallel to the cannon mid-plane. This may result in some of the pins resting on either side of the tape.



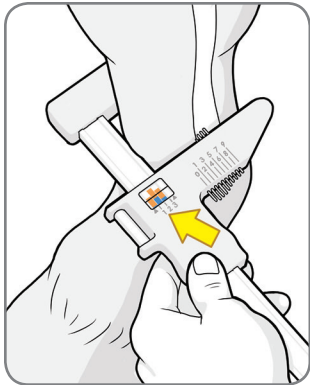
7. The calipers should be level. This can be confirmed using the bubble level on the calipers.
8. Squeeze the jaws together until both jaws touch the leg. If the tape wrinkles then reduce pressure. The movable jaw should cover the gray area of the tape.

3 Measure Cannon with Caliper cont.

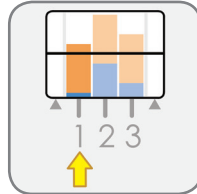


9. Look at the pins sticking out of the side of the movable jaw. Identify which pin is sticking out the furthest (i.e. away from the leg surface).
10. Record the pin number under "Line 1 pin" on the measurement card.

Note: If 2 pins are the same distance, record both numbers.

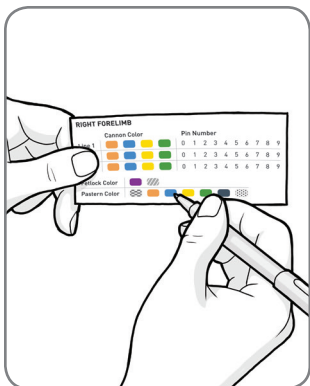


11. Look in the window at the base of the movable jaw. Identify which color the center black mark is over on the row of colors marked "1".

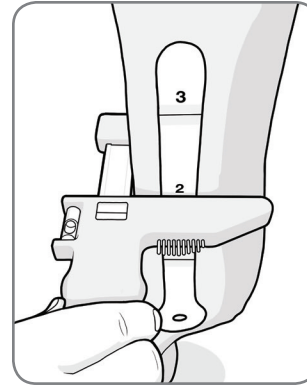


12. Record the color and pin number on Line 1 on the measurement card.

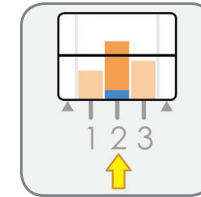
Note: If the center black mark is between 2 colors, record both colors.



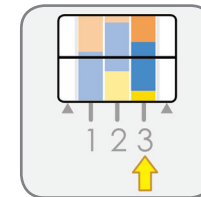
3 Measure Cannon with Caliper cont.



13. Measure the cannon at Line 2 using the same method as Line 1. Use the row of colors marked "2" in the window.
14. Mark the width color and pin number on the measurement card in the correct locations.

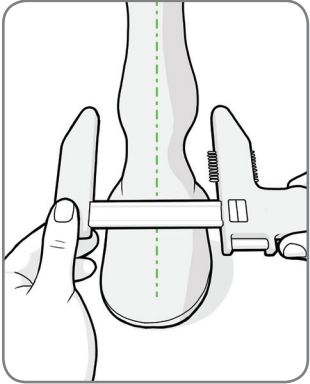


15. Measure the cannon at Line 3 using the same method as Line 1. Use the row of colors marked "3" in the window.
16. Mark the width color and pin number on the measurement card in the correct locations.

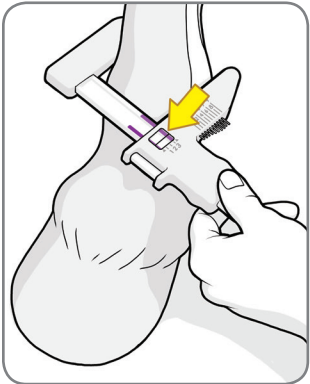


17. Do NOT remove the alignment tape.

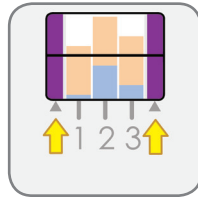
4 Measure Fetlock with Caliper



1. Stand the horse square on a firm, flat surface.
2. Place the calipers around the width of the fetlock at the widest aspect of the fetlock. This may or may not align with the center of rotation marker.
3. Ensure the movable jaw is parallel to the true mid-plane of the cannon and the calipers are level.
4. The metal rail of the caliper should be in contact with the front of the fetlock.

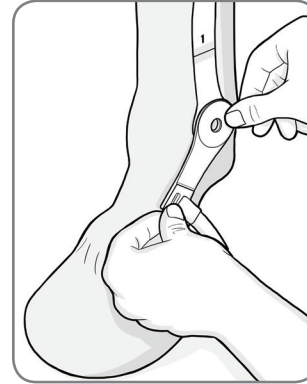


5. Gently close the movable jaw of the calipers against the leg.
6. Squeeze the jaws together tightly against the leg. If the tape wrinkles then reduce pressure.
7. Look in the window at the base of the movable jaw. Identify whether the marker line is over the purple or gray-banded section on the outer region of the rail.

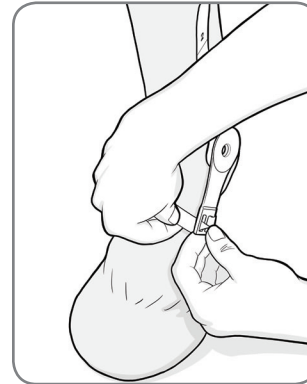


8. Record the color under "Fetlock width color" on the measurement card.
9. Do NOT remove the alignment tape.

5 Measure Pastern Circumference

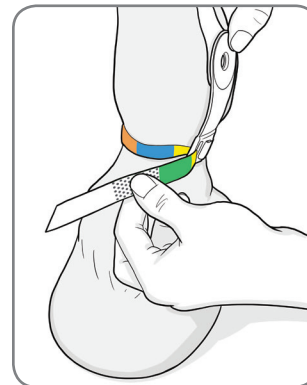


1. Apply the Velcro circle of the pastern tool to the circular piece of the alignment tape with the measuring ribbon pointing to the hind leg of the horse.
2. Make sure that the straight portion of the pastern tool is parallel to the pastern axis.



3. Wrap the measuring ribbon around the pastern from the rear, ensuring that it stays level and is not twisted.
4. Thread the measuring ribbon through the front open slot of the pastern tool.

Note: The pastern tool is flexible and the bottom should touch the horse's leg during measurement to get an accurate reading.

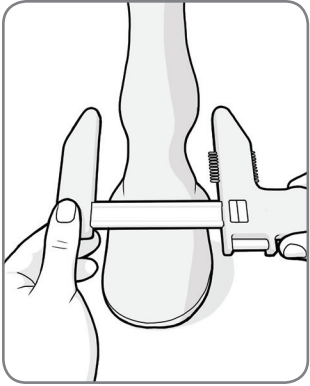


5. Pull and hold the measuring ribbon taut by pulling the loose end towards the front of the horse.

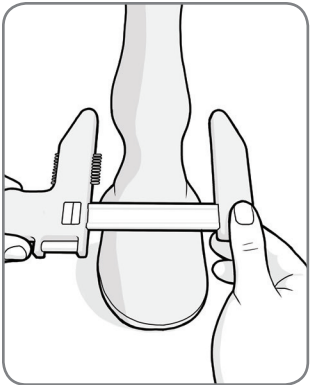
Note: Upper portion of pastern tool should be held against leg.

6. Confirm tightness by ensuring there is no slack on the measuring ribbon.
7. Identify the color of the measuring ribbon under the white arrow on the pastern tool.
8. Record the color under "Pastern Circumference Color" on the measurement card.

6 Repeat and Finish



1. Re-measure any or all of the above to confirm the recorded measurements if desired. Make sure the card is filled out.
2. Remove the alignment tape and COR marker and dispose of them.



3. Repeat all steps on the opposite forelimb.
4. Store the sizing tools back in their storage case.

You should have a total of
16 numerical and color measurements
(8 for each leg).

7 Send Measurements

Owner: <i>Jane Gallop</i>		Veterinarian: <i>Dr. David Johnson</i>		Ship To	
Address: <i>Horsepower Farm</i>		Practice: <i>Performance Equine</i>		Name / Company: <i>Dr. Johnson</i>	
<i>110 Canal Street Lowell, MA 01852</i>		Horse: <i>Improper Bostonian</i>		Address: <i>7 Farm Drive</i>	
Phone: <i>844-51-HORSE</i>		Breed: <i>Trakehner</i>		<i>Boston, MA 02111</i>	
Email: <i>support@horsepowertech.com</i>		Discipline: <i>Eventing</i>		Phone: <i>1-800-621-1244</i>	
				Email: <i>vet@performance.com</i>	

LEFT FORELIMB							RIGHT FORELIMB												
Cannon Color			Pin Number				Cannon Color			Pin Number									
Line 1				0	1	2	3			0	1	2	3	4	5	6	7	8	9
Line 2				0	1	2	3			0	1	2	3	4	5	6	7	8	9
Line 3				0	1	2	3			0	1	2	3	4	5	6	7	8	9
Fetlock Color																			
Pastern Color																			

Please send sizing card information along with order number to your distributor or Horsepower Technologies.

Select one of the following options:

Fill out the measurement form on our website at www.horsepowertech.com/measurements

Email or text a picture of your measurement card and order number to support@horsepowertech.com or 844-51-HORSE.

Call Customer Support at 844-51-HORSE.

Storage and Care Instructions

After Every Use:	<ul style="list-style-type: none">• Inspect for damage and ensure sufficient markers, alignment tape and cards for next use
Storage:	<ul style="list-style-type: none">• Store in a cool and dry area
Cleaning:	<ul style="list-style-type: none">• Clean and dry as needed• Hand wash with mild soapy water and rinse• Dry for 12-24 hours• Alternatively the below antiseptic cleaners are approved for use:<ul style="list-style-type: none">- Isopropyl alcohol- Chlorhexadine (i.e. Betasept)• Do not use povidone iodine (i.e. Betadine) as it stains the device and can discolor the markings

If you need more of any of the components in the Sizing Kit, please contact your distributor or Customer Support for a Sizing Kit Refill.

For Product Warranty information, please refer to our website: www.horsepowertech.com

To place your FastTrack™ order, send measurements to your distributor or Horsepower customer support:

844-51-HORSE
support@horsepowertech.com
or visit www.horsepowertech.com



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