



The Lead Sled[®] *Solo*

Assembly & Usage Instructions



Instruction #1006815

NOT WARRANTED AGAINST MISUSE, ABUSE, OR COMMERCIAL USE.

Limited Warranty

Every Caldwell product is warranted to be free of defects in materials and workmanship for a period of one (1) year from the date of original purchase. Caldwell will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with our Instructions. This warranty does not apply to normal wear or to items whose life is dependent upon their use and care. This warranty is in lieu of all other warranties, expressed or implied and releases Caldwell, its affiliates, and its vendors from all other obligations and liabilities.

STOP! If you have a problem with your Lead Sled Solo, DON'T RETURN THIS PRODUCT TO THE STORE WHERE YOU PURCHASED IT. Contact customer service for assistance at...

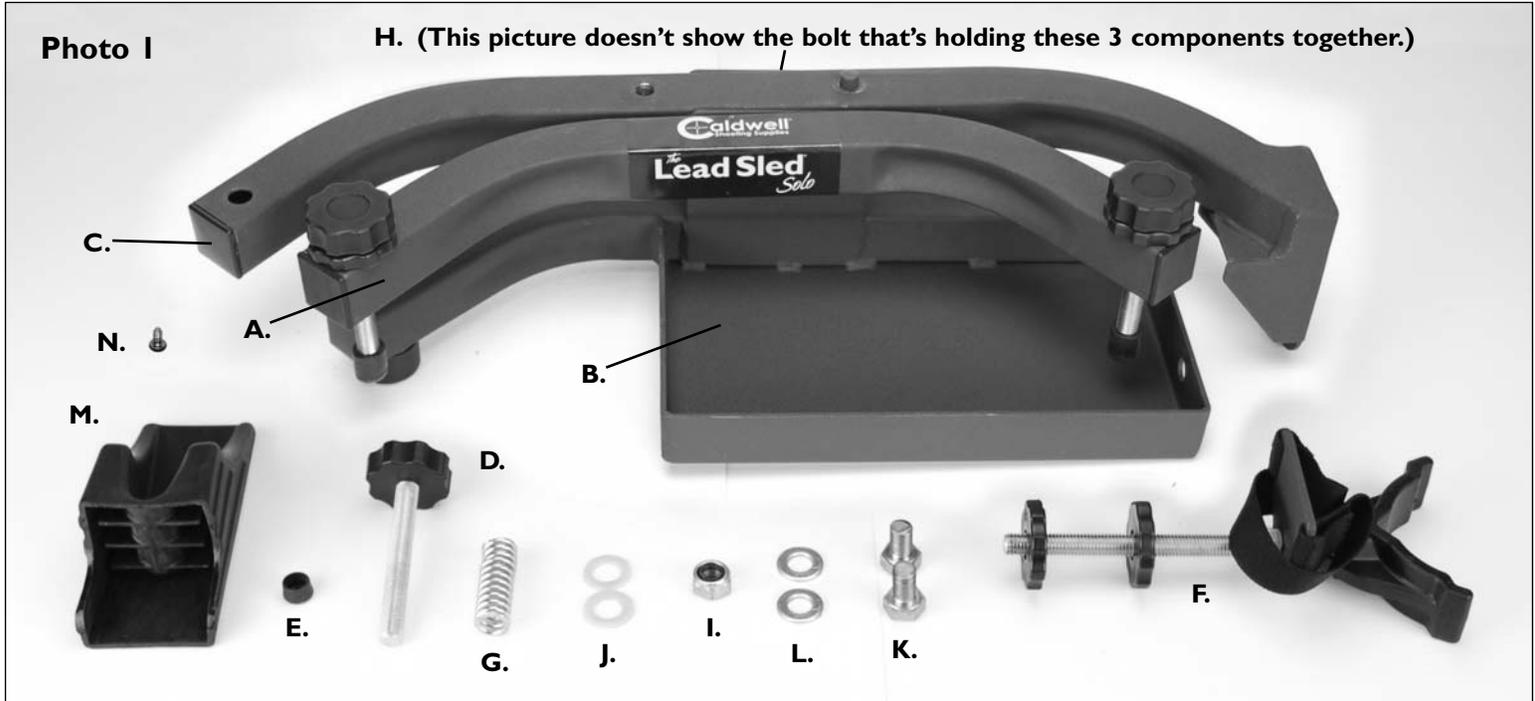
**Battenfeld Technologies, Inc. / 5885 W. Van Horn Tavern Rd. / Columbia, MO 65203
573-445-9200 / www.caldwellshooting.com / Email: sales@battenfeldtechnologies.com**

2. IDENTIFYING ALL THE COMPONENTS

Instructions read left to right,
top to bottom.

Thank you for purchasing a Caldwell Lead Sled® Solo.

The Lead Sled Solo comes to you partially assembled. It will require only a few minutes using two adjustable wrenches to fully assemble your rest. Please take a moment to locate all of the components shown in this photo. Since we are always trying to improve our products, some components may vary slightly in appearance.



Qty. & Description	Part #	Qty. & Description	Part #
A. (1) Front Frame Tube w/ Feet	1003161, 1006374, 1009180)	H (1) M12x60mm Bolt	(1003115)
B. (1) Main Frame Subassembly	(1003159)	I. (1) M12 Nylon Lock Nut	(1005713)
C. (1) Upper Frame Tube	(1003163)	J. (2) Polymer Washer	(1003186)
D. (1) Pivot Adjustment Knob	(1006374)	K. (2) M12x25mm Hex Head Screw	(1003174)
E. (1) Rubber Cap	(1003169)	L. (2) 12mm Steel Washer	(1006848)
F. (1) Front Cradle Assembly	(1006841)	M. (1) Rear Pad	(1002539)
G. (1) Spring	(1006314)	N. (1) M4 Screw	(1013624)

Frame Assembly

Disassemble the frame from the shipping configuration. To do this, use a 19mm or adjustable wrench to loosen the M12 Bolt (H). Then remove the bolt and completely separate the frame tubes. (See Photo 2) Now use



the two short M12 Bolts (K) and fasten the Front Tube (A) to the Main Frame Assembly (B). The Front Tube has feet already installed. Ensure that the tube is oriented

Instructions continued on page 3. >>>>

so that the knobs are facing up and the rubber capped feet are down. Align the top of the tray and the top of the front tube and tighten the bolts firmly. **(See Photo 3)**

Next assemble the Upper Frame Tube (C) to the Main Frame. To start, place the Spring (G) onto the protrusion on the Main Frame. **(See Photo 4)** Then align the protrusion on the Upper Tube with the Spring. Now by tilting the front of the Upper Tube downward and lightly compressing the Spring, the holes in the Upper Tube should line up with the holes in the mounting flanges. **(See Photo 5)** There are also two Polymer Washers (J) included with your rest. These will be placed between the Upper Tube and the mounting flanges. Place a 12mm Steel Washer (L) over the head of the M12 Bolt (H) then push the Bolt through the first flange. Now align the Polymer Washer and push the Bolt through the Upper Tube, the second Polymer Washer and then the second flange. Finally place the second Steel Washer over the Bolt and tighten down the M12 Lock Nut (I). (Note: This joint can be tightened to different levels. For optimal use, tighten the Bolt so that the Upper Tube cannot move side-to-side, but the Spring is still able to lift it.) **(See Photo 6 & 7)**



Photo 7

Finally, thread the Pivot Adjustment Knob (D) into the upper tube and place the Rubber Cap (E) on the end of the threads. **(See Photo 8)** Finally, slide the Rear Pad (M) onto the Main Frame as shown. **(See Photo 9)**



Photo 8



Photo 9

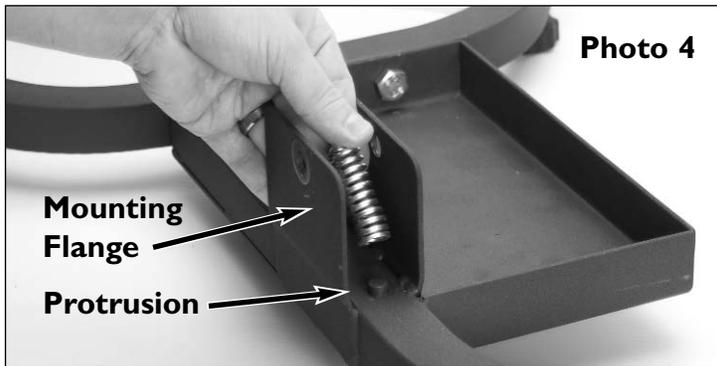


Photo 4

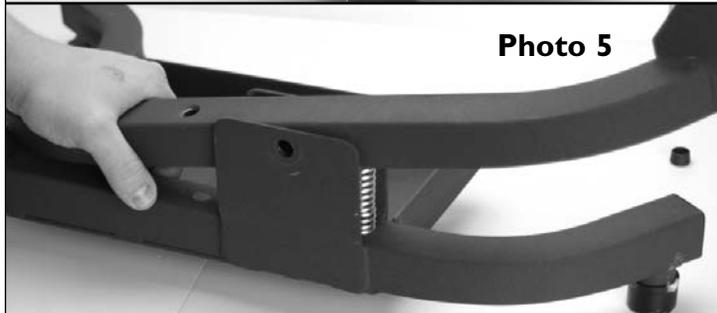


Photo 5

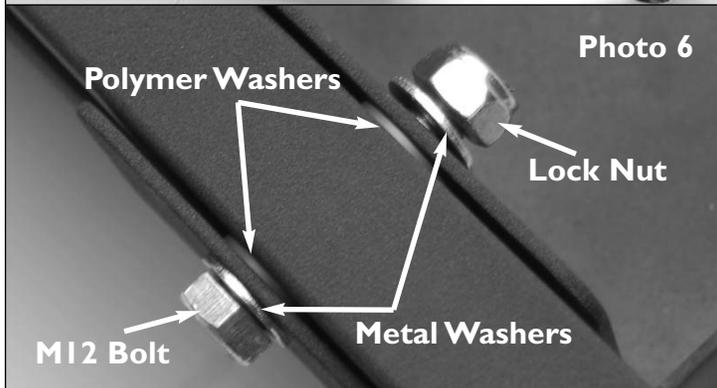


Photo 6

Front Cradle Assembly

Before assembling the Front Cradle (F) to the rest, make sure the strap harness is firmly attached. Use an adjustable wrench to tighten the hex nut holding the harness on. The rubber coating on the cradle should slightly compress when this is tight. **(See Photo 10)**

With the harness attached, take the bottom lock knob off the Front Cradle and slip the shaft through the hole in the Upper Frame Tube. Replace the lower lock knob and use both knobs to adjust the rest (See Usage Instructions).

Instructions continued on page 4. >>>>

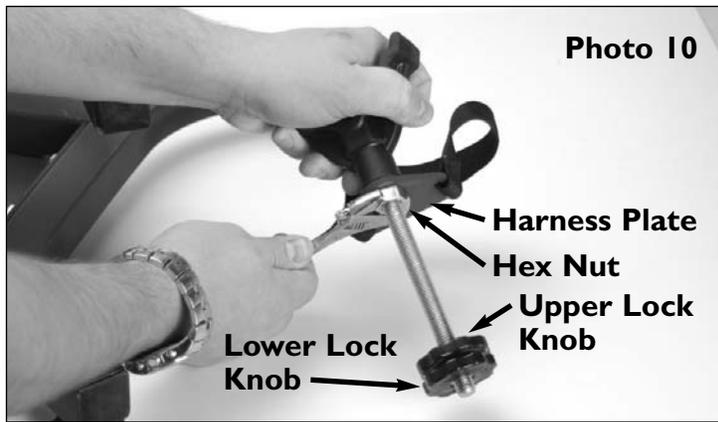


Photo 10



Photo 11

Your Lead Sled Solo is now assembled. Read the usage instructions before using this product.

Usage Instructions

The Lead Sled Solo allows for a wide range of adjustment. These adjustments can be made using the front feet, the front cradle and the main pivot adjustment knob. All of these adjustments can be used in conjunction with each other to provide an optimum shooting position for virtually any size or shape firearm.

1. Position the assembled Lead Sled Solo on your shooting bench with the rest facing in the direction of the target. Make sure the surface is flat and free of debris.
2. Use the front feet to level the rest. You can also use the feet for coarse elevation adjustments for shooting up or downhill. Tighten the lock nuts on the feet to lock them in place. With the feet in position, turn the main adjustment knob until the upper frame tube is parallel with the lower frame.
3. Place the unloaded rifle or shotgun onto the Lead Sled Solo, resting the forend on the front cradle and the butt all the way to the rear of the specially designed rear pad.
4. There is a large range of adjustment in the front cradle. For optimal use, position the front cradle so that the firearm is level when the rest and upper tube

are both level to the ground. If you are shooting at extreme upward or downward angles, or using a stock with an unusual shape, use the front cradle to reposition the gun with the upper tube level to the frame.

5. Once the rest is adjusted, use the forend strap to secure the rifle.

⚠ Warning: If you do not use the forend strap, the captured recoil can cause the firearm to jump out of the front cradle, potentially causing damage to the firearm, injury, or even death.

6. Adjust the rest laterally to align the firearm's sights with the target. Adjust the height of the rest by turning the adjustment knob until the correct elevation is achieved.

7. This rest is equipped with a tray that will accommodate up to 25lbs in weight. This amount of weight is ideal to all but eliminate recoil from standard rifle calibers up to 30-06. It will also significantly reduce recoil from larger rifles such as 300 and 338 magnums.

- a. Our testing has shown that lead shot provides the most recoil reduction per pound.
- b. Sand or other media may also be used, along with any other material up to a maximum of 25 lbs.
- c. Do NOT load your rest with over 25 lbs of weight.

8. Read the following information before using your Lead Sled Solo.



IMPORTANT SAFETY INFORMATION!

Always practice safe firearm handling.

Do not transport the rest with weight installed. Doing so could cause the weight to fall out resulting in damage to the rest or injury to the user.

Warning: Always use the forend strap when shooting off of the Lead Sled Solo. If the gun is not secured with the strap, the captured recoil can cause the forend to jump out of the front cradle possibly causing damage to the firearm, injury or even death.

Position your firing shoulder solidly behind the rear pad and grasp the forend just as you would when using any shooting rest. Pull the firearm rearward to make certain the butt is securely seated against the rear rest.

For best results store The Lead Sled Solo in a clean and dry environment.

Visit www.caldwellshooting.com for additional info, Lead Sled Solo accessories, and other great products.