

SINCE 1839

BRINLY

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BRINLY

OWNER'S MANUAL

701b ICE MELT SPREADER

MODEL:

PS10-70BH

- Assembly
- Installation
- Operation
- Repair Parts



Call Customer Service, Toll-Free: 877-728-8224

Visit us on the web!
www.brinly.com

Important: This manual contains information for the safety of persons and property. Read it carefully before assembly and operation of the equipment!

INTRODUCTION AND SAFETY

CONGRATULATIONS on your new Brinly-Hardy Spreader! This accessory has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please do not hesitate to contact our knowledgeable customer service department toll-free at 1-877-728-8224. We have competent, well trained technicians to help you with the assembly and use of your spreader.



CUSTOMER RESPONSIBILITIES

- Please read & retain this manual. The instructions will enable to assemble and maintain your product properly.
- Please carefully read and observe the SAFETY SECTION of this manual.
- Follow a regular schedule in maintaining and caring for your Brinly-Hardy product.

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RECORD PURCHASE INFORMATION

Record your purchase information in the spaces provided below:

Date of Purchase _____

Company Name _____

Company Phone _____

Serial Number _____

SPECIFICATIONS

Hopper Capacity 70 lbs

Tire; Size 10" x 4"

Spread Material Ice Melt

Spread Width 4' to 12'
(1219 to 3658 mm)

SAFETY



This symbol will help to point out important safety precautions throughout this manual. It means: **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.**

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words **DANGER, WARNING,** and **CAUTION** are used with this safety-alert symbol. **DANGER** identifies the most serious hazards.

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, **CAUTION,** and the safety-alert symbol.

PARTS

PS10-70BH

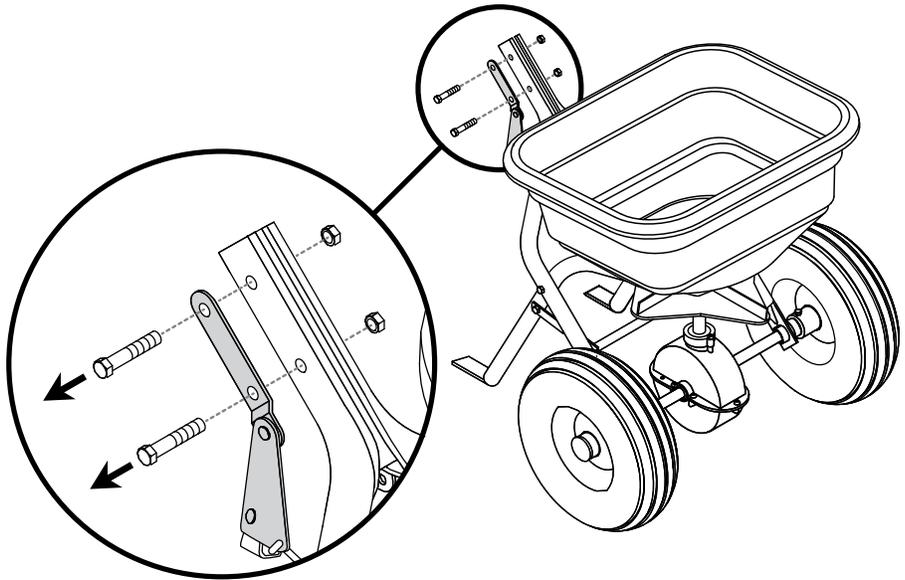
Ref #	Part #	Description	Qty	Ref #	Part #	Description	Qty
1	1007081	Handle spacer	1	31	1007111	Frame brace	2
2	F-577	E Ring, 5/8"	1	32	1007112	Bolt, M6 x 60 SS	2
3	1000213	Dial, Plastic	1	33	1007113	Bolt, M6 x 35 SS	5
4	1008028	Gauge Plate Assembly	1	34	1008241	Agitator P20	1
5	1008156	Adjustable Handle	1	35	1005414	Rue Ring Locking Pin	1
6	1007086	Adjust handle knob	1	36	1008027	Wheel, Yellow Rim	2
7	1007087	Adjustable handle, A	1	37	1007117	Axle bushing	2
8	1007088	Screw, M4 x 18 SS	1	38	1007118	Axle bearing	2
9	1001587	Dial Mount	1	39	1008010	Gearbox & Axle Assembly	1
10	1001590	Diffuser Plug, Special	1	40	1007120	Washer	1
11	1007091	Bolt, M6 x 45 SS	7	41	1008031	Pin, Cotter 2.9 x 28mm SS	1
12	1007092	Washer, Nylon M6	4	42	1008209	Impeller, drilled	1
13	1007093	Flat washer, M 6,big SS	1	43	1019008	Manual PS10-70BH	1
14	1008022	Screen, Flat	1	44	1007124	Hex locknut, M5 SS	1
15	1007095	Handle cover	2	45	1007125	Cross brace	1
16	1007846	Plastic Hopper Black	1	46	1008014	Rod, Control B	1
17	1008207	Washer, Split Lock M6 SS	1	47	1008208	Bolt, Hex M5 x 40 SS	1
18	F-574	Bearing, FanShaftW/Groove	1	48	1007128	Flat washer, M6 SS	2
19	1008196	Assembly, Pivot & Bracket	1	49	1020282	Pin, Cotter Small	1
20	1007100	Wheel frame tube	2	50	1007531	Nylon Washer	3
21	1008206	Nut, M8 SS	2	51	1005993	Dial Mount Retainer	1
22	1007102	End cover	2	52	1000210	Rate Gate	1
23	1007103	Upper handle	2	53	1008431	Rate Gate Link, Formed	1
24	1007104	Lock nut, M6 SS	14	54	1008110	Cover, Hopper	1
25	1008013	Control Rod A	1	55	1008257	Bracket, Trans Clamp	1
26	1007106	Handle shaft	1	56	1008258	Bar, Trans Clamp	1
27	1000215	Pine Tree Clip	2	57	1008276	Bolt, M6 x 20mm SS	1
28	1001588	Rate Gate Guide	2				
29	1000198	Felt Washer	1				
30	1008011	Wheel Frame Tube	1				

ASSEMBLY

Assembly Step 1

1. Remove two M6 locknuts and M6 x 45mm long bolts to remove pivot and bracket assembly from wheel frame tubes.

Set bolts and nuts to the side. You will re-install them in Step 2.

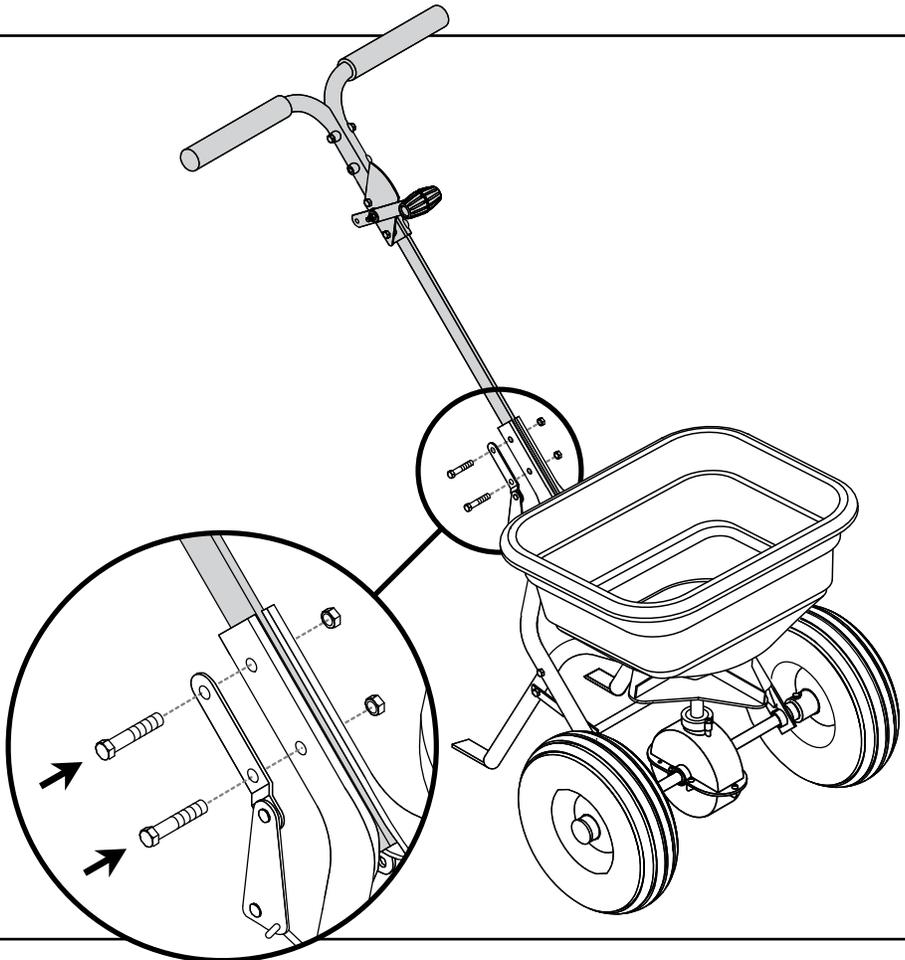


Assembly Step 2

2. Insert arm assembly between frame tubes.

Re-install the pivot and bracket assembly through wheel frame tubes and arm assembly with the hardware removed on Step 1:

- x2 M6 x 45mm bolts
- x2 M6 locknuts



ASSEMBLY

Assembly Step 3

3. Rotate control rod and insert into adjustment handle, illustrated here.

Remove one nut from end of control rod. Insert control rod into pivot and bracket assembly as illustrated.

Note orientation of bracket.

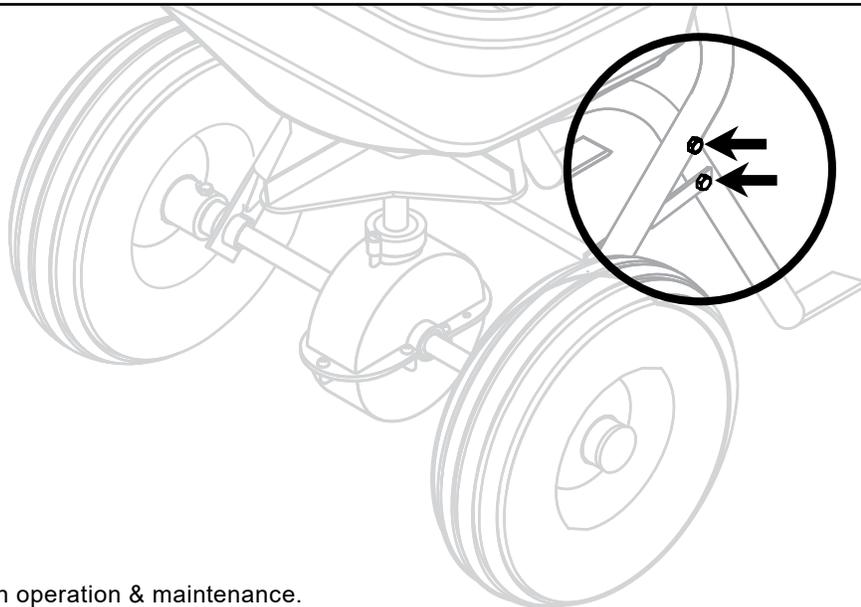
Install the second nut (finger tight only).

Ensure rate gate opens and closes fully. If so, hold the upper control rod nut with wrench and tighten the bottom nut only.



Assembly Step 4

4. Tighten nuts and bolts on both sides of spreader at locations shown.



Assembly is Complete!

Continue reading for tips on operation & maintenance.

USE AND CARE

BEFORE PUTTING MATERIAL IN THE HOPPER

Become familiar with the operation of the spreader before you put material in the hopper. Practice walking with the spreader, opening and closing the rate gate at the appropriate times.

Travel at a constant speed and operate the spreader lever position.

Remember: Open the rate gate **AFTER** the spreader is in motion at operating speed (*about 3 mph, or at a brisk walking pace*).

Close the rate gate while spreader is still at operational speed.

CONTACT OF SOME PRODUCTS ON SOME PLANTS CAN BE FATAL

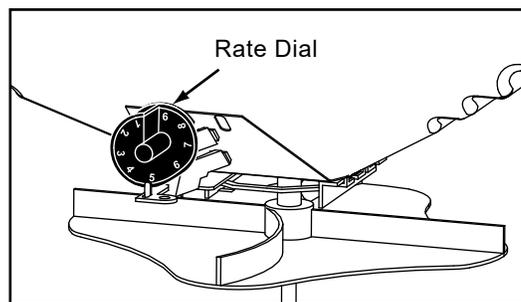
If a dial setting is not found, use the size and weight comparison table found in this manual. Determine a dial setting on the low side. If the setting proves to be too low, cover the area more than one time. A higher setting can be used when a proven dial setting is established.

Remember: Published dial settings are approximate only.

The operation of the spreader, the condition of the material (damp or dry or over-pulverized) and weather conditions, are all contributing factors. For these reasons, it is often a good idea to spread the area 2 times - or one-half rate - in cross directions (*see information on one-half rate dial settings*). One-half rate dial settings are highly recommended under damp and humid conditions.

DIAL SETTING INFORMATION

The RATE DIAL has 9 numbers with 10 stops between each number. This allows for accurate control of the spreading rate. The dial is set with only a turn, it will automatically lock into the set position. LINE UP THE DIAL NUMBER WITH THE DIAL INDICATOR.



- The spread width ranges from 4 - 12 ft. wide depending on the volume/density, particle size of the material, and rate of travel.
- The spread thins or feathers at the outer edges, eliminating sharp, "Edge Of Spread" lines which cause stripes and streaks. Extra coverage can be given under trees and other heavy feeding areas without showing "Edge Of Spread" lines.
- Gaps and double overlaps are less likely. Small errors in travel are forgiven and do not show.

WARNING: When spreading products containing herbicides, exercise extreme caution with respect to careless spreading and to wind-drift.

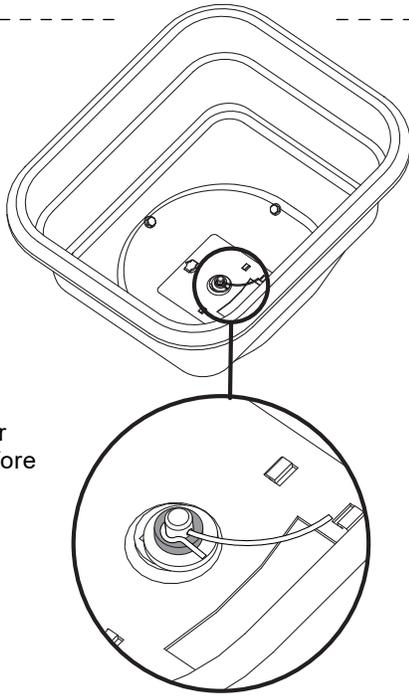
USE AND CARE

ROTARY AGITATOR

Use the rotary agitator only if needed.

(Free-flowing, lump-free materials will not require the agitator).

The rotary agitator is easily installed or removed. Note the clockwise rotation and sweep. Place felt washer around spinner shaft before inserting agitator.



PUTTING MATERIAL IN THE HOPPER



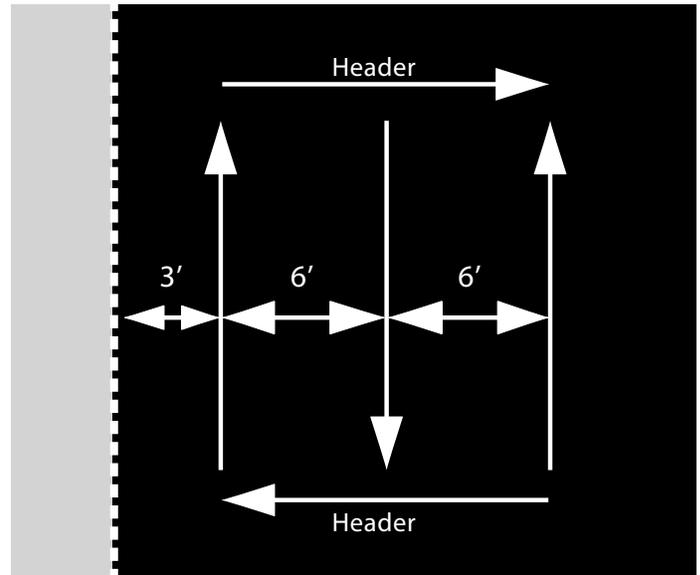
WARNING: Avoid Injury! Chemicals can be dangerous. Avoid injury to operators or bystanders.

Make sure the rate gate is in the closed position.

- Read chemical container label for handling instructions. A Safety Data Sheet (SDS) should be supplied by the chemical dealer and provides proper safety information.
- Wear proper clothing and safety equipment while handling or applying chemicals.
- Prohibit all smoking, drinking, and eating around chemicals.
- When spreading products containing herbicides, exercise extreme caution with respect to careless spreading and to wind-drift. Contact Of Some Products On Some Plants Can Be Fatal.
- Fill the spreader on a flat, level surface only. Fill on sidewalk, driveway, cardboard, etc. to avoid material loss.
- When filling hopper with material, always use screen to help break up clumps.

NOW YOU ARE READY TO SPREAD

- Keep spinner blade clean. Excess material build-up can cause an uneven spread pattern.
- Keep the impeller level when spreading.
- DO NOT overload. Maximum capacity is 70 lbs.
- DO NOT use on windy days.
- Spread header strips at the ends of the area **OPPOSITE** of the direction of spreading. This will provide a "turn-around" area, an area to re-align the spreader for the return spread.
- **Example shown below is for a 6 ft. wide spread.** Make the first spread pass at one-half the spread width from the edge of the spreading area or in this case, approximately 3 feet (or one big step).



Additional spreading passes will be at the full spread width or approximately 6 ft. apart.

- **TAKE A SIGHTING AT THE FAR END.** Keep your eye on the sighting as you spread. You will not need to wonder where you are or where you have been. Continue until spreading is completed.
- Left over fertilizer can be spread under trees and other high feeding areas without showing "edge of spread" lines.

TIP: When you're not spreading and pushing the spreader some distance, tip the spreader so only the idle wheel is on the ground.

USE AND CARE

CLEANING THE SPREADER

CLEAN AND OIL THE SPREADER IMMEDIATELY AFTER EACH USE.

METHOD #1 - Wipe spreader thoroughly with an oily cloth. Oil all bearings and bearing areas.

METHOD #2 - Wash, rinse, and dry the spreader.
Note: Drying takes time. Moisture trapped in bearing areas is slow to go. Immediately after drying - oil all bearings and moving parts. Make certain all operations are thorough.

NOTE:
 Good "Dry Cleaning" is preferable to poor "Wet Cleaning".

- It is virtually impossible to have rust and corrosion on a clean, dry, oiled surface.
- Again (just before using) oil all bearings and moving parts.
- In storage, ideally the spreader should be hung by the handle. In any case, do not pile weight on the spreader, as excess weight over a period of time can distort the tires.
- **OIL BEARINGS AND ALL MOVING PARTS**
- Make sure the spreader is running freely!

TROUBLESHOOTING

Problem	Possible Cause	Solution
Spreader does not sit flat	The "feet" or the flattened portion of the spreader hopper support tubes are not bent equally.	Using a hammer or pliers, bend the feet to be equal with each other.
Deflector shut off is binding and will not open/close properly	Shut off plate is jammed with debris.	Thoroughly wash out hopper and shut off plates with water. Ensure debris is not stuck between shut off plate and rate gate plate.

CALIBRATION

NOTE: Dial settings are approximate only!

PRODUCT	PARTICLE SIZE	Lbs. per 1000 sq. ft.	Dial Setting Full Rate Once Over	Dial Settings Half Rate Twice Over
Fine Pellets		1	3.6	3.1
		2	4.0	3.5
		3	4.2	3.7
Mixed Fine Pellets		2	3.7	3.2
		4	4.7	4.1
		6	5.2	4.5
Small Pellets		2	3	2.2
		4	4.2	3.7
		6	4.5	4

SERVICE

SERVICE



QUALITY CONTINUES WITH QUALITY SERVICE

If you have installation questions, are missing parts or need replacement parts, don't go back to the store!

Please find your product serial number and model number, then contact our Customer Service department:



In North America and Canada call
Toll-Free: **877-728-8224**



Chat online: **www.brinly.com**



Email: **customerservice@brinly.com**

Additional info and videos are available on
our website: **BRINLY.COM**



MANUFACTURER'S LIMITED WARRANTY
SPREADERS

The limited warranty set forth below is given by Brinly-Hardy Company with respect to new merchandise purchased and used in the United States (its possessions and territories) and Canada.

Brinly-Hardy Company warrants the products listed below against defects in material and workmanship, and will at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been assembled, operated, and maintained in accordance with the Operator's manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster.

Parts found to be defective within the warranty period will be replaced at our expense. Our obligation under this warranty is expressly limited to the replacement or repair, at our option, of parts found to be defective in material and workmanship.

HOW TO OBTAIN SERVICE: Warranty parts replacements are available, only with proof of purchase, through our Customer Service Department. Call 877-728-8224.

This limited warranty does not provide coverage in the following cases:

- a. Routine maintenance items such as lubricants & filters.
- b. Normal deterioration of exterior finish due to use or exposure.
- c. Transportation and/or labor charges.
- d. The warranty does not include commercial and/or rental use.

No implied warranty, including any implied warranty of merchantability of fitness for a particular purpose, applies after the applicable period of express written warranty above as to the part as identified below. No other express warranty whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind Brinly-Hardy Co. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. Brinly-Hardy Co. shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

During the warranty period, the exclusive remedy is replacement of the part. In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. Alteration of safety features of the product shall void this warranty. You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability

to use this product. **NOTE:** *This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.*

This limited warranty lasts as long you own your product purchased from an authorized seller. **Coverage terminates once you sell or otherwise transfer the product.**

This limited warranty does not cover any purchaser other than the original purchaser of the product, nor does it cover any product purchased from an unauthorized third-party. If you are not the original purchaser of this product, your product is not covered by our limited warranty and you take the product "AS IS" and "with all faults."

We may require proof of purchase from you demonstrating that you are the original purchaser of the product, purchased the product from an authorized dealer, and are eligible to make a valid claim under this limited warranty.

How state law relates to this warranty: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT:

The Warranty period stated below begins with the proof of purchase. Without the proof of purchase, the Warranty period begins from the date of manufacture determined by the serial number manufacturing date. All parts replaced under warranty will be considered as part of the original product, and any warranty on the replaced parts will expire coincident with the original product warranty.

WARRANTY PERIOD:

See applicable parts listed below.

Standard / Residential Use:

Steel Frame & Steel Parts	2 years
Hopper	2 years
Tires / Wheels	90 days
Drive: Gears	90 days

All other normal wear parts or component failures will be covered on this product for a period of 90 days.

If this equipment is being used in a commercial application and / or for multiple properties, the warranty is 90 days after purchase for all parts.