



INSTRUCTIONS FOR:

BROADCAST SPREADER 80kg TOW BEHIND

MODEL No: **SPB80T**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual

1. SAFETY

- ✓ Ensure that the spreader is in sound condition and good working order before use.
- ✓ Ensure that the operator is fully trained and competent to operate the prime mover before attaching and using the spreader.
- ✓ Ensure that all chemical safety instructions are adhered to when handling products for use in the spreader. A full range of personal safety equipment is available from your Sealey dealer.
- ✓ Always distribute the load evenly.
- ✓ Ensure all non essential personnel keep a safe distance when the spreader is in use.
- ✓ Replace or repair damaged parts. *Use only recommended parts. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep hands and feet away from moving parts.
- ✗ **DO NOT** overload the spreader - see Specification.
- ✗ **DO NOT** leave unattended, especially when loaded, unless the wheels are chocked or the spreader is otherwise secured.
- ✗ **DO NOT** allow others to ride on the spreader.
- ✗ **DO NOT** allow untrained personnel to use the spreader.
- ✗ **DO NOT** use the spreader for purposes other than for which it is designed.
- ✗ **DO NOT** operate the spreader when you are tired or under the influence of alcohol, drugs or intoxicating medicines.
- ✗ When loaded, **DO NOT** operate the spreader over edges, rough surfaces etc. where the spreader is at risk of overturning.
- **WARNING!** Failure to comply with these instructions may result in damage to spreader or other property and/or personal injury.

2. INTRODUCTION

Manufactured with a strong tubular steel frame and polypropylene dispensing hopper. Pin hitch design attaches to ride-on lawnmowers, can be converted to ball hitch using Model No. TB36. Fitted with aluminium gear, rain cover, pneumatic tyres and adjustable feed system. Includes hopper screen to ease spreader flow and filter out unwanted contaminants. Sprays in 360° motion to cover a large area. Suitable for a variety of horticultural agents, including grit, seed, salt, fertiliser and weed killer.

3. SPECIFICATION

Model No. **SPB80T**
 Capacity (Weight) 80kg
 Capacity (Volume) 88ltr
 Spread 3-3.6mtr
 Weight 24kg
 Dimensions (W x D x H) 880 x 1350 x 965mm

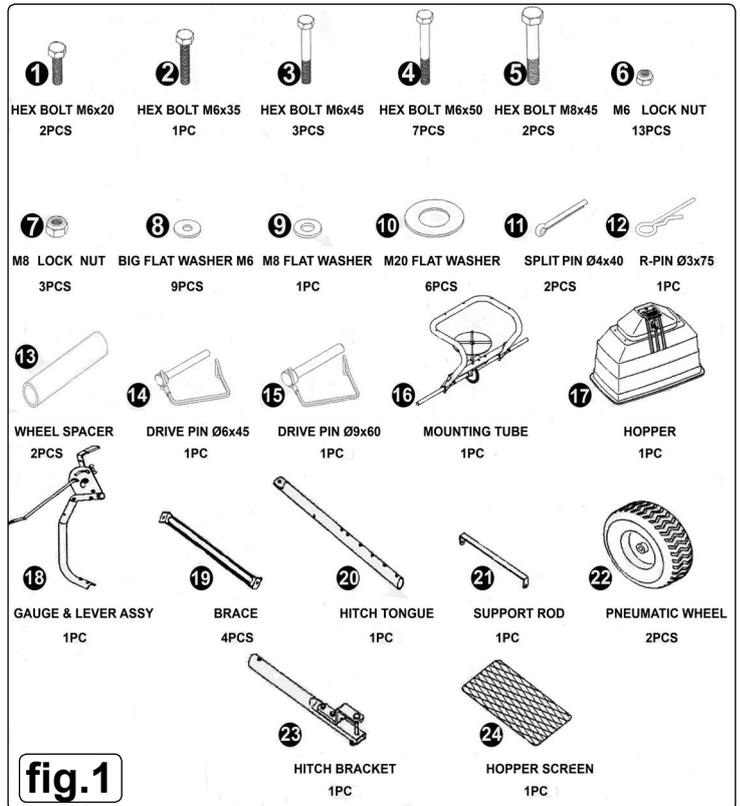


fig.1

4. ASSEMBLY

- 4.1. Check contents against fig.1 above, if anything is missing or damaged contact your local Sealey dealer.
- 4.2. Referring to fig.2, place a M20 flat washer (10) onto the axle of the mounting tube (16) followed by wheel spacer (13) and then another M20 flat washer (10).
- 4.3. Attach the pneumatic wheel (22) then a M20 flat washer (10) to the mounting tube axle. Secure with split pin (11) and repeat procedure for the other side.
- 4.4. Rotate one pneumatic wheel so that the hole on the inside of the wheel boss aligns with the corresponding hole in the axle tube. Insert drive pin Ø6x14 (14) and lock in place.

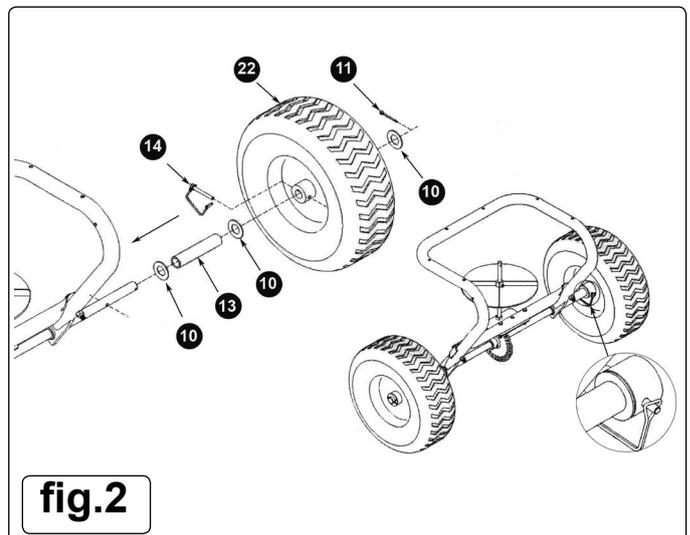
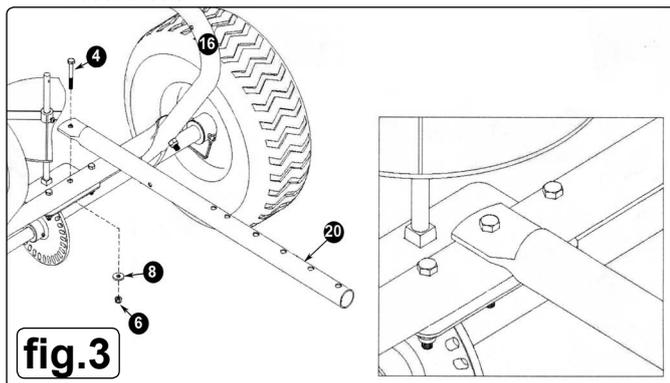
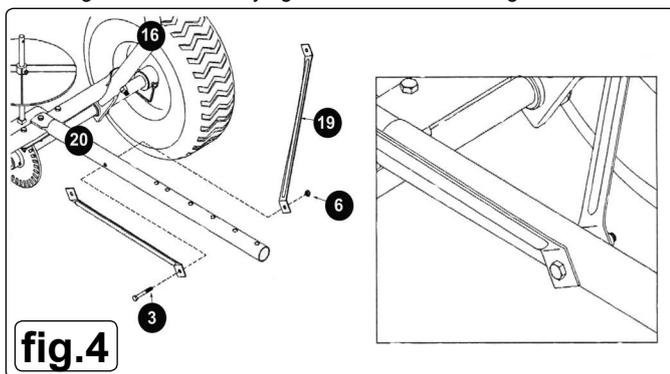


fig.2

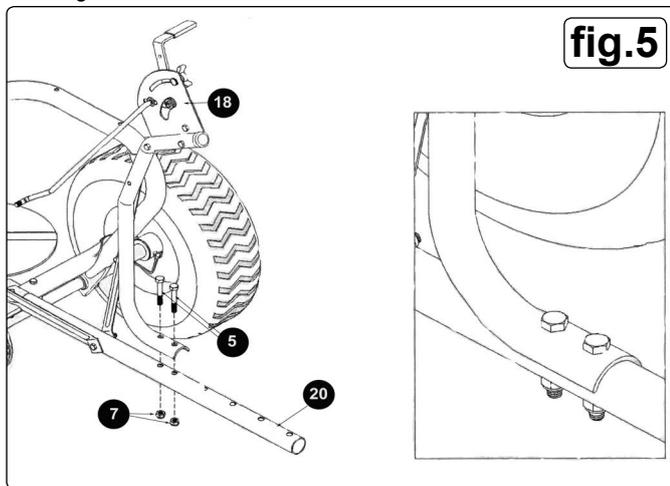
- 4.5. Attach the hitch tongue (20) to the mounting tube (16) using hex bolt M6x50 (4), big flat washer M6 (8) and M6 lock nut (6) as shown in figure 3. At this stage do not fully tighten the nut and bolt.



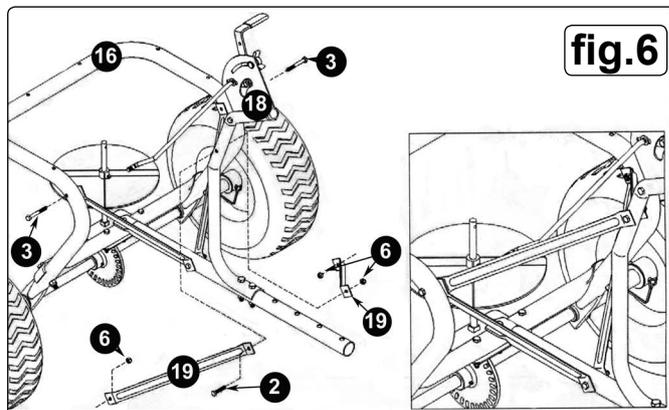
- 4.6. Attach one brace (19) to either side of the hitch tongue (20) using hex bolt M6x45 (3) and M6 lock nut (6) as shown in figure 4. Do not fully tighten the nut at this stage.



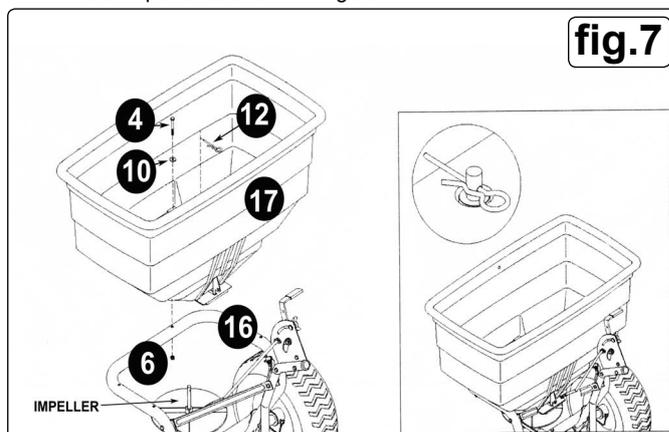
- 4.7. Attach the gauge & lever assembly (18) to the hitch tongue (20) using hex bolt M8x45 (5) and M8 lock nuts (7) as shown in figure 5.



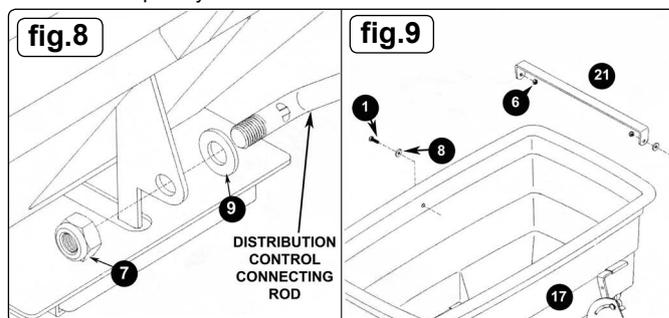
- 4.8. Attach the remaining two braces (19) to the gauge & lever assembly (18) using hex bolt M6x45 (3) and M6 lock nut (6) as shown in figure 6. Do not fully tighten the nut and bolt at this stage.
- 4.9. Connect the loose ends of the two braces (19) to the mounting points on either side of the mounting tube (16) and attach using hex bolts M6x45 (3) and M6 lock nuts (6) as shown in figure 6.
- 4.10. All nuts and bolts used for the braces (19) and the hitch tongue (20) can now be fully tightened



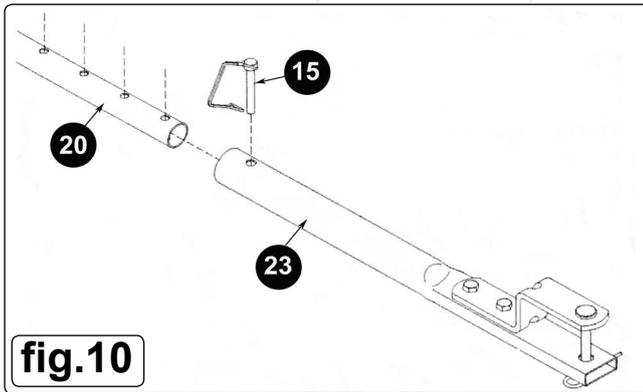
- 4.11. Place the hopper (17) over the mounting tube (16) so that the shaft protruding from the impeller on the mounting tube locates into the swivel bush on the base of the hopper.
- 4.12. Align the six bolt holes in the hopper with the six bolt holes on the mounting tube and fit the Hex Bolts M6x50 (4) with the big flat washers M6 (8) at the bolt heads. Loosely attach the M6 lock nuts (6) as shown in figure 7. Adjust the hopper over the mounting tube until the impeller is free to rotate without any resistance. Fully tighten the nuts and bolts securing the hopper to the mounting tube.
- 4.13. Attach the R-pin Ø3x75 (12) to the shaft protruding above the impeller as shown in figure 7.



- 4.14. Attach a M8 flat washer (9) over the loose end of the adjustable connection rod and insert the rod through the hole in the fixing plate at the base of the hopper and secure with a M8 lock nut (7) as shown in figure 8.
- 4.15. Secure the support rod (21) to the inside of the hopper (17) using hex bolts M6x20 (1), big flat washers M6 (8) and M6 lock nuts (6) as shown in figure 9.
- 4.16. Place the hopper screen (24) into the hopper (17) so that it sits squarely on the base.



- 4.17. Connect the hitch bracket (23) to the hitch tongue (20), aligning the hole in the hitch bracket with the holes in the hitch tongue until the desired length required is attained. Lock the hitch bracket to the hitch tongue using drive pin Ø9X60 (15) as shown in figure 10.
- 4.18. The spreader is now fully assembled and ready for use.

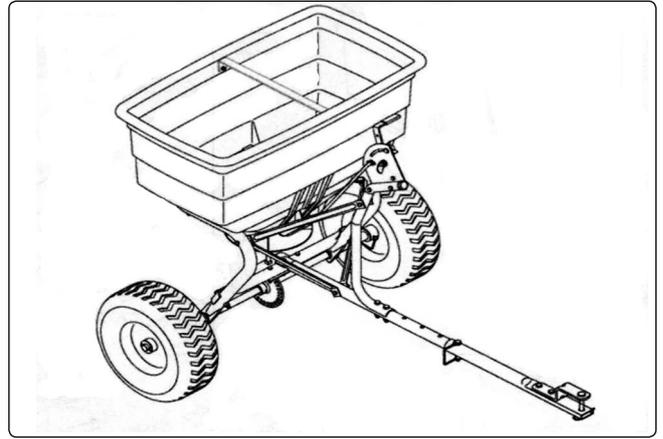


5 . OPERATION

- 5.1. Read the Safety Instructions in Section 1 before operating the spreader.
- 5.2. Secure the spreader onto the prime mover using the towing pin on the hitch bracket (23). Secure the towing pin with the R-pin provided. The spreader can be converted to use a ball hitch by fitting a Sealey Ø50mm Towing Hitch, Model No. TB36, available from your Sealey dealer.
- 5.3. Load the product into the hopper, ensuring that it is evenly distributed and the maximum capacity of the spreader is not exceeded. When handling hazardous products it is important to first read the safety data sheet and take necessary safety precautions. A full range of personal safety equipment is available from your Sealey dealer.
- 5.4. The towing speed will affect the rate of flow from the spreader. It is advisable to operate the spreader at lower speeds for a more effective flow of the product.
- 5.5. The adjustable feed system is controlled by movement of the handle on the gauge and lever assembly (18). Operate the spreader at the desired speed and adjust the handle either forwards or backwards until a satisfactory rate of flow is achieved. A locking device is provided on the gauge to allow the optimum flow required to be maintained.
- 5.6. Clean the spreader thoroughly after use, paying particular attention to the area around the adjustable feed system and the impeller.

6 . MAINTENANCE

- 6.1** After each use clean material out of hopper.
- 6.1.1 Rinse/dry inside and outside of spreader after each use.
- 6.1.2 Before operating make sure that the tyres are inflated to the correct pressure.
- 6.1.3 Periodically check all fastenings are tight.
- 6.1.4 Annually clean and lightly lubricate parts.
- 6.1.5 Touch up all scratched or worn painted metal surfaces.
- 6.1.6 To avoid damaging the spreader never exceed the rated load capacity of 80kg.
- 6.2 STORAGE.**
- 6.2.1 Before storing ensure that the spreader is clean and dry.
- 6.2.2 Store indoors or in a protected area during severe weather and in the winter months.
- 6.2.3 Never allow material to stay in the hopper for extended periods of time.



(CHART 'A') SQUARE FOOT COVERAGE PER BAG (LBS/1000 SQ.FT)

WEIGHT OF BAG (LBS)	5000 SQ.FT COVERAGE	10000 SQ.FT COVERAGE	15000 SQ.FT COVERAGE
5	1.0lb	0.5lb	0.3lb
10	2.0lb	1.0lb	0.7lb
15	3.0lb	1.5lb	1.0lb
20	4.0lb	2.0lb	1.3lb
25	5.0lb	2.5lb	1.7lb
30	6.0lb	3.0lb	2.0lb
35	7.0lb	3.5lb	2.3lb
40	8.0lb	4.0lb	2.3lb
45	9.0lb	4.5lb	3.0lb
50	10.0lb	5.0lb	3.3lb
55	11.0lb	5.5lb	3.7lb

(CHART 'B') SPREADER SETTINGS/SPREADER WIDTHS

MATERIALS TO BE USED	LBS/1000 SQ.FT	G/M ²	SPREADER SETTING	SMALL PARTICLE SPREAD	MEDIUM PARTICLE SPREAD	LARGE PARTICLE SPREAD
GRIT SEED FERTILISER WEED KILLER E.T.C.	1	5	5	5-6 ft	6-9 ft	9-12 ft
	2	10	8	5-6 ft	6-9 ft	9-12 ft
	3	15	10	5-6 ft	6-9 ft	9-12 ft
	4	20	13	5-6 ft	6-9 ft	9-12 ft
	5	25	15	5-6 ft	6-9 ft	9-12 ft
	6	30	18	5-6 ft	6-9 ft	9-12 ft
	7	35	20	5-6 ft	6-9 ft	9-12 ft
	8	40	23	5-6 ft	6-9 ft	9-12 ft
	9	45	25	5-6 ft	6-9 ft	9-12 ft
	10	50	28	5-6 ft	6-9 ft	9-12 ft
	11	55	30	5-6 ft	6-9 ft	9-12 ft

Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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