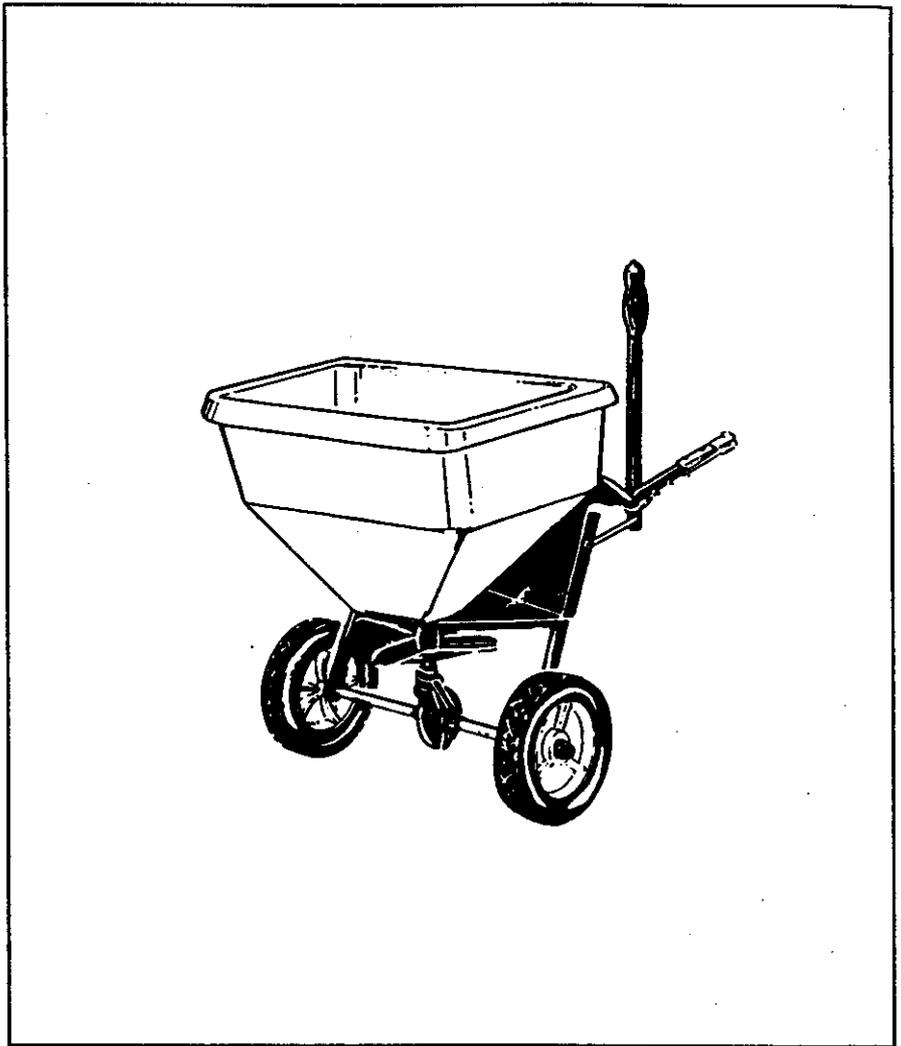


**SEARS**

**owners  
manual**

**Model No.  
486.24393**

**CAUTION:  
Read Rules for  
Safe Operation  
and Instructions  
Carefully**



**CRAFTSMAN<sup>®</sup>**  
**BROADCAST SPREADER**

- **Assembly**
- **Operation**
- **Customer Responsibilities**
- **Repair Parts**

# RULES FOR SAFE OPERATION

Remember, any power equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment.

Exercise caution at all times, when using equipment.

1. Read the towing vehicle owners manual, and safety rules before using the broadcast spreader attachment.
2. Never operate vehicle and broadcast spreader attachment without wearing substantial footwear.
3. Never allow children to ride or sit on broadcast spreader attachment, and do not allow adults to operate without proper instruction.
4. Always begin with transmission in low gear and gradually increase speed as conditions permit. (Recommended towing speed – 3 M.P.H.)
5. When towing broadcast spreader, do not drive too close to a creek or ditch which could cause you to lose control.
6. Before operating vehicle on any grade (hill) refer to the safety rules in the vehicle owners manual concerning safe operation on slopes. Stay off steep slopes.
7. Read instructions and caution notes for handling/spreading of materials purchased for spreading.
8. Follow customer responsibilities and lubrication instructions as outlined in this manual.

- UNPACK CARTON.
- LAY OUT PARTS IN ORDER AS SHOWN.

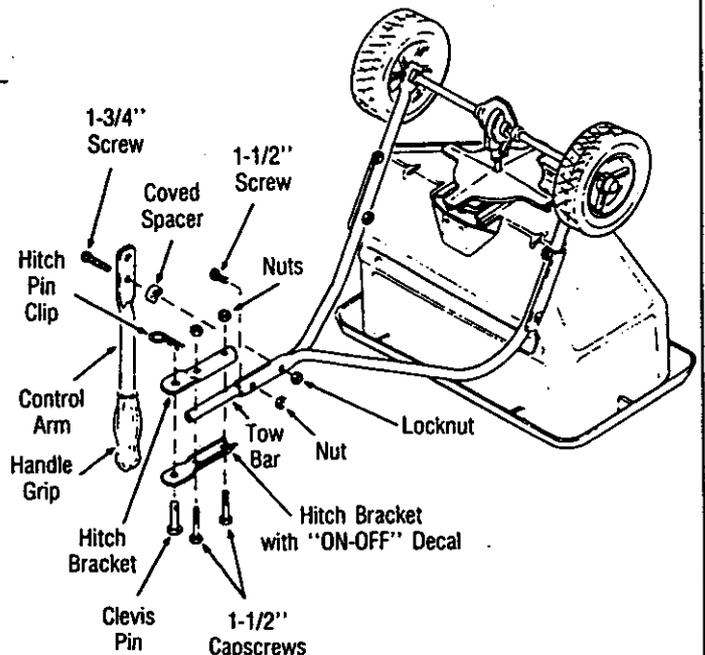
- OPEN HARDWARE BAG.
- LAY OUT PARTS.

## 1 INSTALL TOW BAR, CONTROL ARM AND HITCH BRACKETS

- Slip tow bar into place in legs. Secure tow bar with one 1-1/2 in. screw and one nut.

**NOTE:** Apply soapy water to the inside surface of handle grip to make installation easier.

- Slide handle grip over top of control arm.
- Assemble control arm and coved spacer to legs using 1-3/4 in. screw and locknut. **Tighten the locknut.**
- Place hitch bracket containing "ON-OFF" decal on underside of tow bar so decal faces up when spreader is in use.
- Secure hitch brackets to tow bar using two 1-1/2 in. capscrews and two nuts. Insert capscrews from bottom.
- Install clevis pin and secure with hitch pin clip.



## 2 INSTALL CONTROL ROD

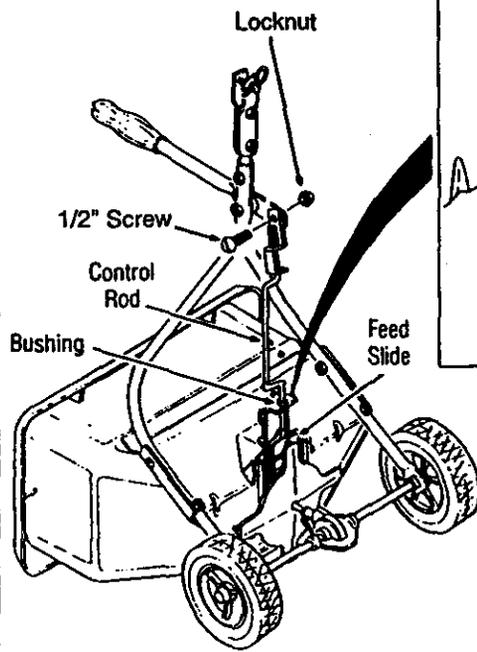


FIGURE 1

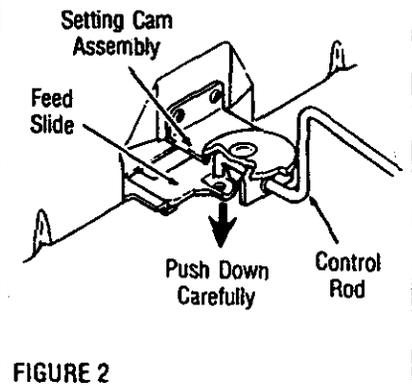
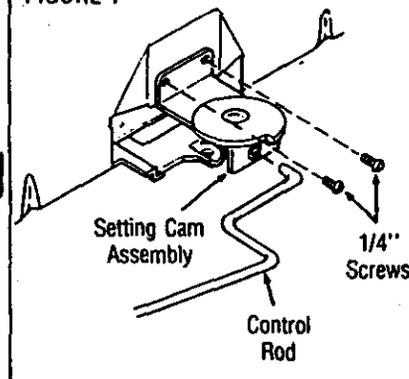


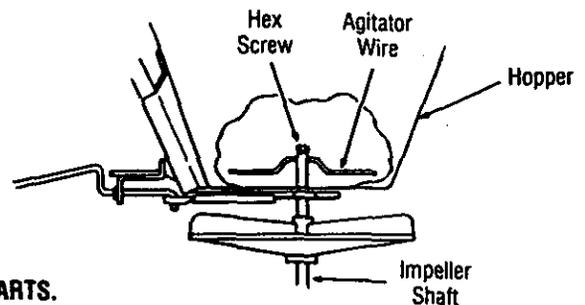
FIGURE 2

- Tip spreader so it rests on front edge of hopper.
- Insert lower end of control rod through hole in setting cam assembly. (Figure 1)
- Rotate control rod as necessary and carefully push feed slide down to insert control rod end through hole in feed slide. (Figure 2)
- Attach upper control arm using the 1/2" screw and locknut. Tighten the screw and locknut and then back off the locknut 1/4 turn.

## 3 INSTALL AGITATOR WIRE

- Loosen hex screw located at end of the impeller shaft inside the hopper and insert agitator wire through hole in shaft.
- Center the agitator wire in the shaft and make sure that the ends of the wire are an equal distance above the hopper bottom. Then tighten the screw, using care to avoid disturbing the agitator wire position.

**NOTE: TIGHTEN ALL ATTACHING NUTS SECURELY, WITHOUT CAUSING DISTORTION OR BINDING OF PARTS.**



## HOW TO USE YOUR SPREADER

1. Set cam dial on #1 position and push control arm to the "OFF" position..
2. Move tractor onto flat surface and attach spreader.
3. Before filling spreader, refer to the recommended spreader setting chart on pages 4-5. If you can not locate the material you have, use the following guidelines:

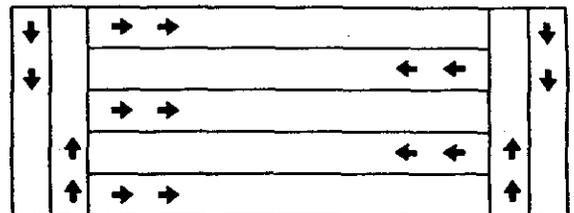
TYPE MATERIAL	SETTING AT 3 MPH	SPREAD WIDTH IN FEET
<b>FERTILIZER</b>		
Powder	3¼ - 4¼	3 - 4
Granular	3¼ - 4¼	5 - 7
Pelleted	3¼ - 4¼	8 - 10
Organic	6 - 7	6 - 8
<b>GRASS SEED</b>		
Fine	3¼ - 4¼	6 - 7
Coarse	4½ - 5½	8 - 9

## APPLICATION TIPS

Recommended towing speed: 3 MPH (Reduce flow setting for slower speed, and increase for higher speed).

**NOTE:** Always move flow control arm to the "OFF" position while filling spreader and when **STOPPING** or **TURNING**, to prevent excess fertilizer being released.

First apply material across both ends of the area - two or three passes are sufficient on each end. Then, apply material back and forth as shown:



**NOTE: BROADCAST SPREADERS OPERATE BEST WITH SOLID MATERIALS. DISTRIBUTION OF POWDERS MAY VARY IN BOTH SPREAD WIDTH AND COVERAGE FROM TABLE SHOWN.**

# **SEARS**

## **owners manual**

### **Model No. 486.24393**

### **How to Order Repair Parts**

# **CRAFTSMAN®**

## **BROADCAST SPREADER**

Always mention the Model Number when requesting service or repair parts for your snow blade.

All parts listed herein may be ordered from any Sears Service Center and most Sears stores.

**WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:**

- PRODUCT
- MODEL NUMBER
- PART NUMBER
- PART DESCRIPTION

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for handling.

## **LIMITED TWO YEAR WARRANTY ON CRAFTSMAN SPREADER**

For two years from date of purchase, when this Spreader is maintained and lubricated according to the operating and customer responsibilities instructions in the owner's manual, Sears will repair free of charge any defect in material or workmanship.

If this Craftsman Broadcast Spreader is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

This warranty does not cover:

- Tire replacement or repair caused by punctures from outside objects (such as nails, thorns, stumps, or glass); and
- repairs necessary because of operator abuse or negligence, including the failure to maintain the equipment according to instructions contained in the owner's manual.

**WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.**

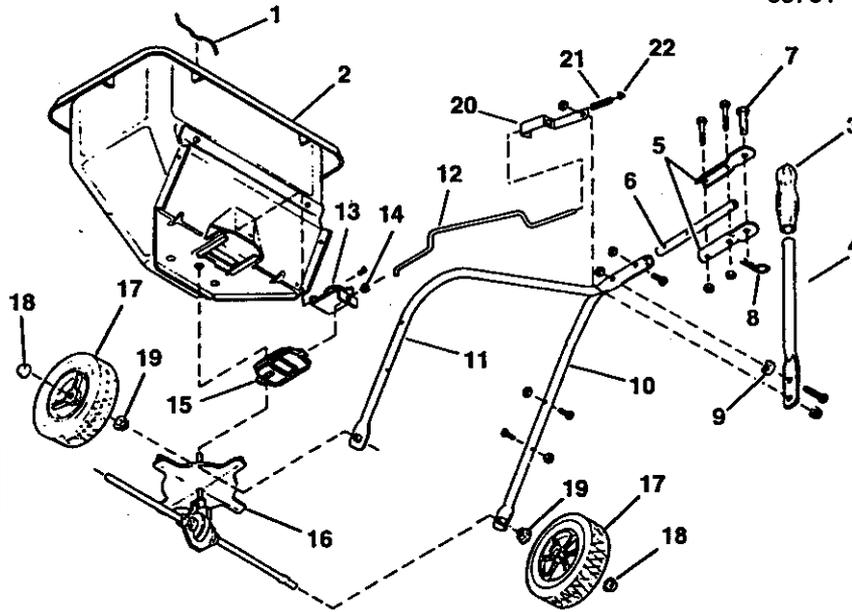
This warranty applies only while this product is in use in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D/698-731A,  
Hoffman Estates, IL 60179

## MODEL 486.24393 PARTS LIST

Item No.	Part No.	Description	Item No.	Part No.	Description
1	43878	Agitator Wire	11	47173	Left Hand Leg
2	63698	Hopper/Support Assembly	12	47220	Control Rod
3	47183	Handle Grip	13	63699	Setting Cam/Bracket Assembly
4	47174	Control Arm	14	47157	Snap-In Bushing
5	24446	Hitch Bracket (2) One with "ON-OFF" Decal	15	47109	Feed Slide
6	47175	Tow Bar	16	63701	Impeller/Axle/Housing Assembly
7	47184	Clevis Pin	17	47273	Wheels (2)
8	47134	Hitch Pin Clip	18	44663	Hub Cap
9	47181	Coved Spacer	19	47155	Split Bushing (2)
10	47172	Right Hand Leg	20	24445	Arm, Control Rod
			21	47176	Spring
			22	47177	Push Nut
				63761	Assembly (Items 12, 20, 21 & 22)



### CUSTOMER RESPONSIBILITIES

1. Always empty spreader after each use, storing leftover material in its original bag.
2. Wash the spreader and dry thoroughly after each use.
3. Apply a few drops of oil to all moving parts.
4. Tighten all nuts and screws prior to each use.

## Recommended SPREADER SETTINGS

MANUFACTURER Brand	Coverage Lbs. 1,000 Sq. Feet	Recommended Setting	Spread Width
<b>GRASS SEED</b>			
<b>SCOTT &amp; SONS</b> Emerald Estate	.73	3	6 ft
Shady Splendor	.93	4-1/2	6 ft
Suddenly Elegant	1	4	7 ft
Picture Pride	.88	3-1/4	6 ft
Shady Area	.96	4-1/2	6 ft
Playtime	.88	4	7 ft
Quick Cover	4	5	9 ft
Sun Mix	.76	4	6 ft
Shade Mix	.75	4-1/4	6 ft
Sun & Shade Mix	.75	4-1/8	7 ft
Wear & Tear Mix	.88	3-3/4	7 ft
Quick Fix	4	5-1/2	7 ft
Shade Survival	2.3	5	8 ft
Drought Survival	2.3	5	8 ft

MANUFACTURER Brand	Ratio	Coverage Lbs. 1,000 Sq. Ft.	Spreader Setting	Spread Width	MANUFACTURER Brand	Ratio	Coverage Lbs. 1,000 Sq. Ft.	Spreader Setting	Spread Width
<b>FERTILIZER</b>					<b>SCOTT &amp; SONS</b>				
<b>BANDINI</b>					Disease Control Plus Lawn Fertilizer	23-3-3	1, 52	3-1/4	6 ft
Maxi Green Lawn Food	24-2-4	4	3-1/2	8 ft	Lawn Repair Fertilizer	22-22-5	3, 2	3-1/2	6 ft
Supergreen Lawn Food	21-7-14	4	3-3/4	8 ft	Insect Control Plus Lawn Fertilizer	28-6-4	3, 1	3-1/2	7 ft
Superblade Grass Food	16-8-4	4	3-3/4	8 ft	Lawn Insect Control		1, 85	3-1/2	6 ft
Weed Control & Lawn Food	12-4-4	5	3-1/2	8 ft	Starter Fertilizer	17-23-6	4, 17	3-3/4	5 ft
<b>EARTHGRO</b>					Turf Builder	29-3-4	3, 10	4	6 ft
Best Lawn Food		8	5	6 ft	Turf Builder Plus 2	27-3-3	2, 9	5	6 ft
Best Fall Fertilizer		12	6	6 ft	Turf Builder Plus Halts	28-3-4	2, 85	4	7 ft
Best Sod Feeding and New Seeding	3-6-3	16	7-1/2	6 ft	Lawn Weed Control		1	3-1/2	4 ft
<b>HOWARD JOHNSONS</b>					Halts Crabgrass Preventer		2	3-3/4	7 ft
All Seasons Turf Food	26-3-3	4	3-3/4	8 ft	Moss Control Plus Lawn Fertilizer	16-0-0	3, 67	3-1/2	5 ft
All Seasons Weed & Feed	25-3-3	4	4	8 ft	Winterizer Lawn Fertilizer	19-3-12	3, 68	4	6 ft
Farm & Fleet Crabgrass Prevent Plus Fertilizer	22-3-11	4	4	8 ft	Summerizer Lawn Fertilizer	15-2-3	2, 37	3-1/2	6 ft
Hardware Hank Weed & Feed	10-6-4	4	3-1/2	8 ft	Lawn Pro Program Step 1				
<b>KOOS INC.</b>					Crabgrass Preventer Plus Fertilizer	30-3-10	3	3-3/4	9 ft
Green Thumb Lawn Food	28-4-8	3, 4	4	6 ft	Step 2				
Organic Lawn Fertilizer	10-1-4	10	6-1/2	7 ft	Weed Control Plus Fertilizer	32-3-4	2, 81	4	7 ft
<b>LEBANON CHEMICAL CORP.</b>					Step 3				
Greenview Green Power	30-4-4	3	3-1/2	6 ft	Insect Control Plus Fertilizer	28-6-4	3, 1	4	7 ft
Greenview Green Start	9-17-9	4	3-3/4	7 ft	Step 4				
Greenview Spring Crabicide		2	3-1/2	3 ft	Lawn Fertilizer	32-3-10	2, 81	3-1/2	8 ft
Greenview Expel Dandelion Killer		2	3-3/4	3 ft	Lawn Pro Starter Fertilizer with Crabgrass Preventer	16-21-3	4, 4	4-1/4	7 ft
Greenview Crabicide Green Crabgrass Preventer & Lawn Fertilizer	19-4-4	4	3-1/2	7 ft	Lawn Pro Weed & Feed	27-3-6	2, 92	4	7 ft
Greenview Winter Green	10-16-20	3, 4	3-1/2	7 ft	Lawn Pro Lawn Fertilizer	37-3-3	2, 43	3-1/2	7 ft
Greenview Bug Out Insect Control		2	3-1/2	7 ft	Lawn Pro Super Turf Builder	35-3-5	3, 21	3-3/4	7 ft
Green Gold Lawn Food	26-4-6	3, 5	3-1/4	6 ft	Lawn Pro Super Turf Builder Plus 2	24-3-3	2, 94	3-3/4	6 ft
Greens Keeper Fertilizer	20-4-10	5	4-1/4	8 ft	<b>SEARS</b>				
Greens Keeper Fertilizer	10-6-4	10	5	10 ft	Superfine Lawn Food	27-3-3	3	3-1/2	4 ft
Country Club	18-5-9	5, 6	4	8 ft	Pre-Emerge Crabgrass Control & Fertilizer	25-3-3	3, 6	4-1/4	8 ft
<b>ORTHO CONSUMER PRODUCTS</b>					Superfine Weed & Feed	32-4-4	3	4	4 ft
Oftanol Grub Control					Superfine Weed & Feed	25-3-3	3	3-3/4	6 ft
Surface Insects		1, 5	3-1/4	8 ft	Superfine Professional Lawn Food	34-4-6	3, 2	3-3/4	6 ft
Soil Insects		3	4	8 ft	<b>VIGORO INDUSTRIES</b>				
Dursban Grub & Insect Control					Deep Green Plus Fertilizer	30-4-6	3, 5	4	7 ft
Surface Insects		2	3-3/4	8 ft	Deep Green Plus Weed & Feed	24-4-6	4	4	7 ft
Soil Insects		4	4-1/2	8 ft	Deep Green Lawn Food	23-3-6	4	4	7 ft
Diazinon Soil & Turf Insect Control (Settings are determined by type of lawn) See package for details.		2, 2, 5, 3	3-1/2, 3-3/4, 4	8 ft, 8 ft, 8 ft	Deep Green Weed & Feed	18-3-6	4	4	7 ft
Lawn & Garden Food (new lawns) (established lawns) See package for details.	16-16-16	10, 6, 25	4-3/4, 4-1/4	7 ft, 7 ft	Deep Green Crabgrass Preventer Plus Lawn Food	8-3-6	4	3-3/4	8 ft
<b>PARKER FERTILIZER</b>					Starter Fertilizer	18-24-6	4	4-1/8	7 ft
Sta-Green Lawn Fertilizer	27-3-6	4	4-1/4	6 ft	All American Lawn Food	20-10-5	4	3-7/8	7 ft
Sta-Green Weed & Feed	27-3-6	3, 6	4-1/4	6 ft	All American Weed & Feed	25-3-3	4	4	8 ft
<b>ACE HARDWARE</b>					All American Weed & Feed	10-6-4	4	4	7 ft
Lawn Fertilizer for Florida Lawns	28-5-15	3, 2	3-1/2	8 ft	All American Lawn Food	27-3-3	4	4-1/4	8 ft
Premium Weed & Feed	25-3-8	3, 2	3-3/4	8 ft	All American Crabgrass Preventer Plus Lawn Food	15-3-3	4	3-3/4	7 ft
Lawn, Shrub & Tree Fertilizer	16-4-8	6	4-1/4	8 ft	Gro-Tone Fall Winter Starter Fertil.	12-23-18	3, 6	4	8 ft
Winterizer	22-4-16	3, 2	3-3/4	8 ft	Gro-Tone Weed Control Plus Lawn Fertilizer	30-4-6	3, 6	4-1/8	7 ft
<b>RINGER</b>					Gro-Tone Lawn Fertilizer	30-4-6	3, 6	4-1/8	7 ft
Lawn Restore	9-4-4	10	7	8 ft					