

PLEASE:

CALL US IF YOU HAVE DIFFICULTY BEFORE YOU RETURN ONE OF OUR PRODUCTS TO THE STORE, ONCE A PRODUCT IS RETURNED IT CANNOT BE RESOLD. THE MATERIALS AND ENERGY USED TO MAKE IT ARE WASTED.

PHONE: 219-848-7491

FAX: 219-848-4249

PARTS HOT LINE

TOLL FREE 1-800-678-0671

ASSEMBLY INSTRUCTIONS for EarthWay Ev-N-Spred®**MODELS**

C22R • C22P • C22SS

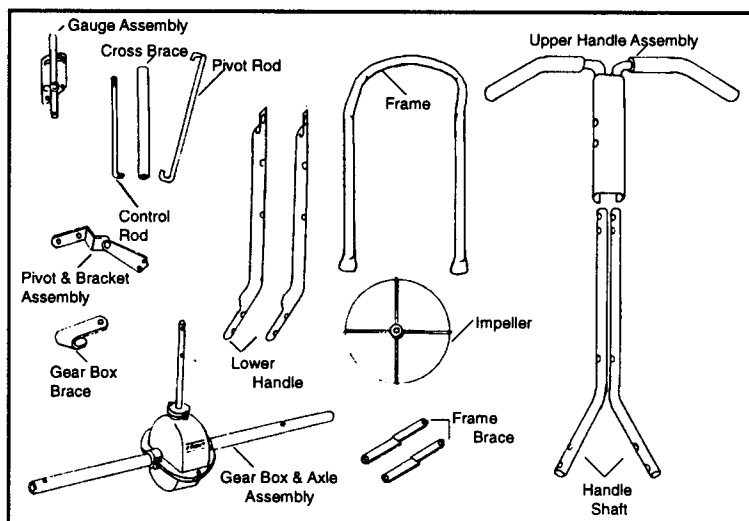
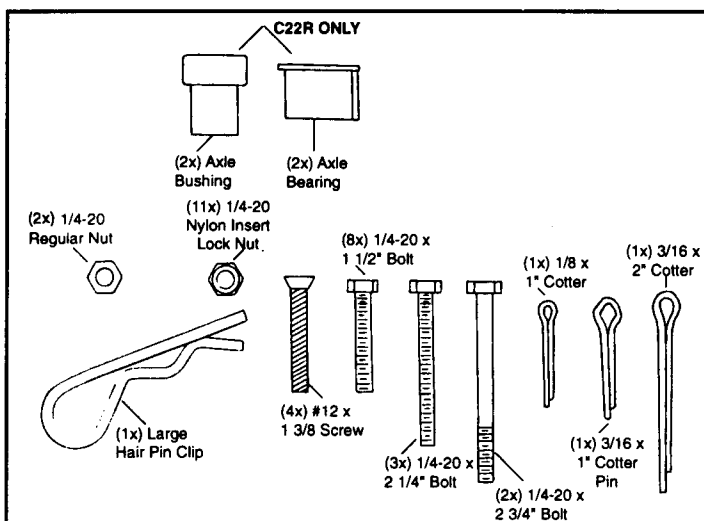
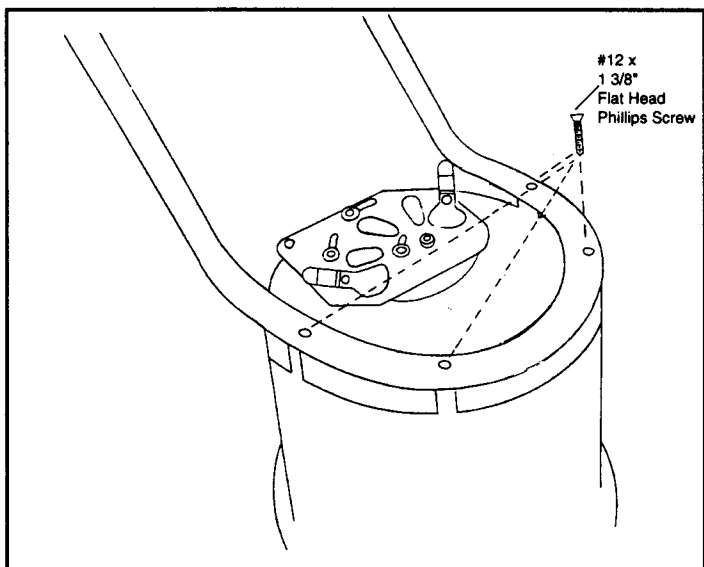
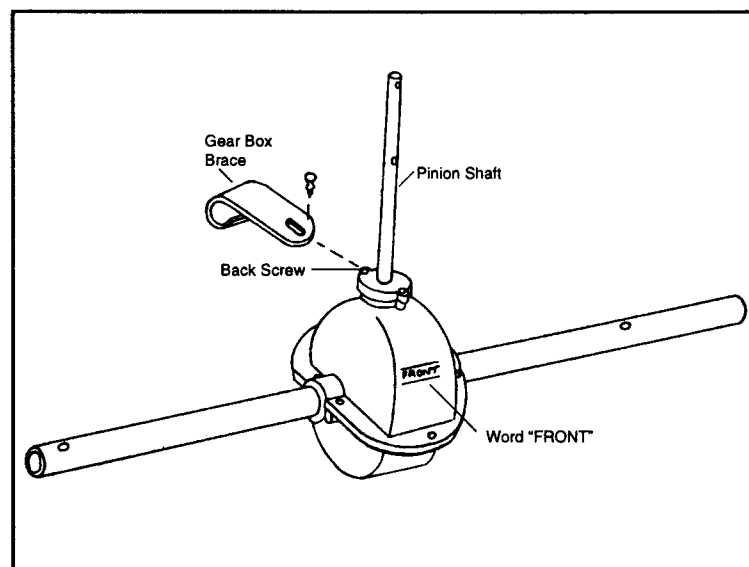
Broadcast Spreader

1 HELPFUL HINTS:

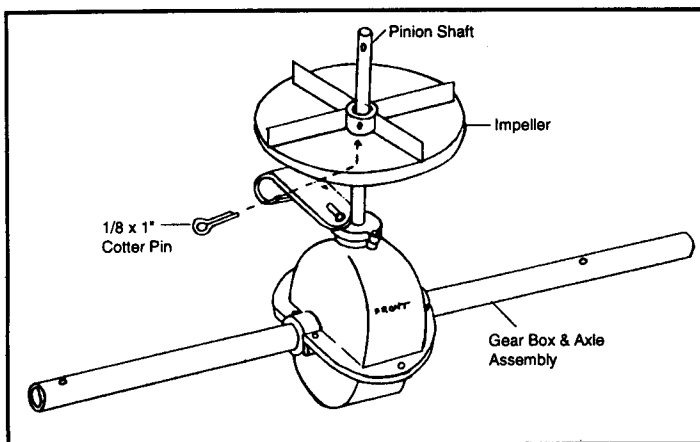
READ THE DIRECTIONS BEFORE ASSEMBLY

WHEN ALL ELSE FAILS, READ THE DIRECTIONS AGAIN.

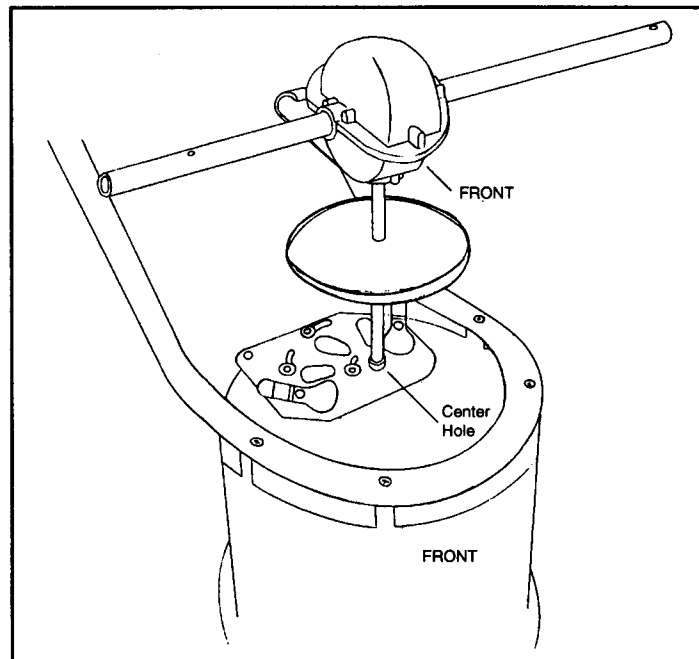
- If your spreader does not spread evenly, be sure the FRONT on the gear box points to the front of the spreader. The impeller must turn clockwise. Reversing the gear box will cause the impeller to turn counter clockwise. Clean the impeller plate after each use. Fertilizer stuck on the impeller blades will cause uneven spreading.
- Your spreader is designed to be pushed at three miles per hour, which is a brisk walking speed. Slower or faster speeds will change the spread patterns. Wet fertilizer will also change the spread pattern and flow rate. Clean your spreader thoroughly after each use. Wash between the shut off plate and bottom of the hopper.
- Gears are permanently lubricated at the factory. Do not open the gear box or dirt may enter.

**2** Remove and identify loose parts from carton and bag.**3** Position hopper upside down and install frame using (4) #12 x 1 3/8" flat head Phillips screws.**4** Remove screw from back side of gear box assembly and install gear box brace as shown. **NOTE:** Gear box brace should be in line with pinion shaft.

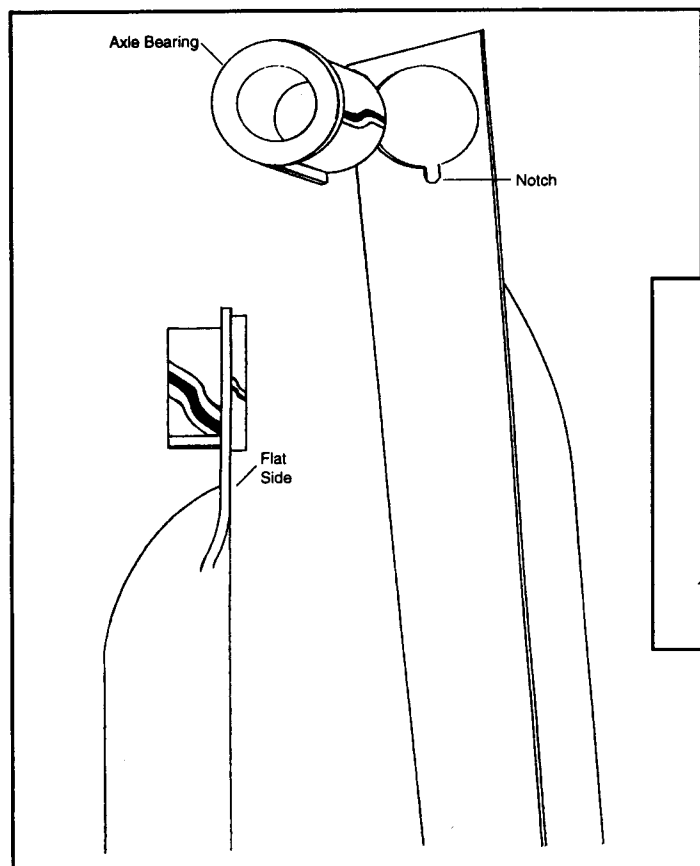
CAUTION: DO NOT OVERTIGHTEN SCREW.



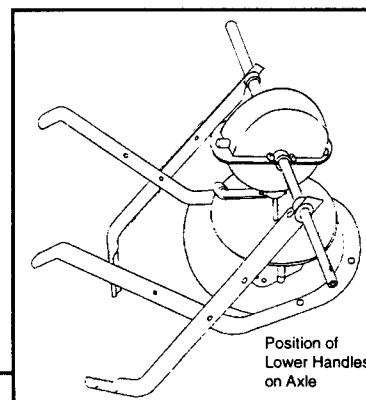
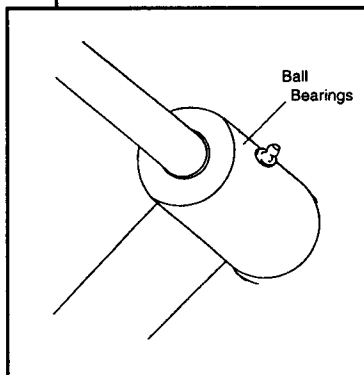
- 5** Install impeller onto pinion shaft. Insert 1/8" x 1" cotter pin through impeller then through pinion shaft. Use hole nearest gear box. Spread cotter pin to prevent from falling out.



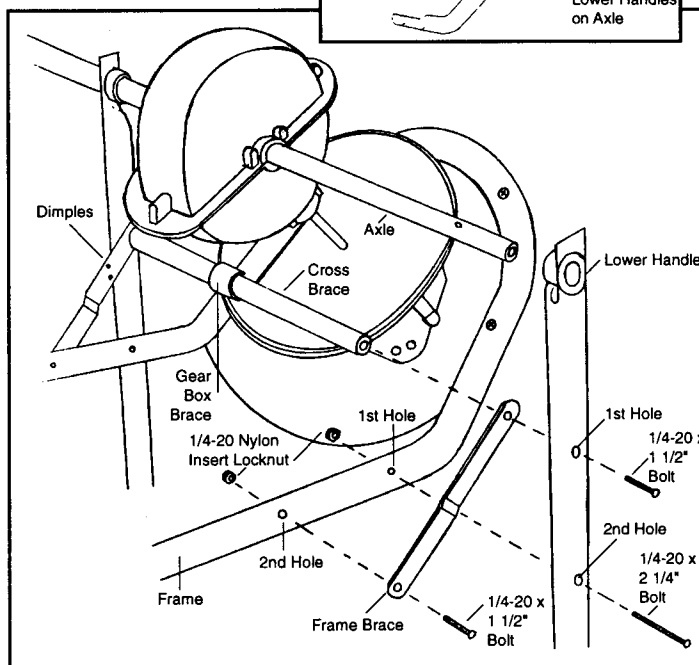
- 6** Install gear box by inserting the pinion shaft into hole in center of hoppers bottom. **THE WORD "FRONT" ON GEAR BOX MUST POINT TO FRONT OF HOPPER.** Follow label instructions on hopper.



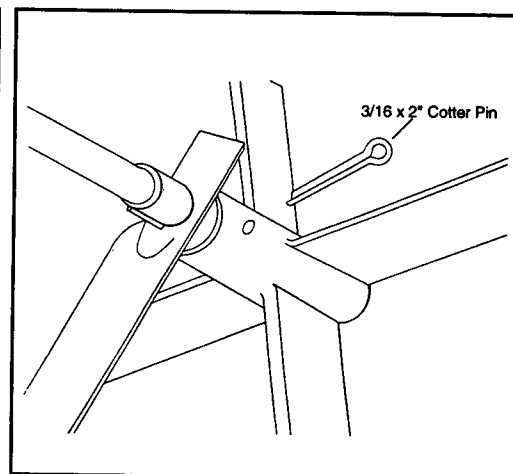
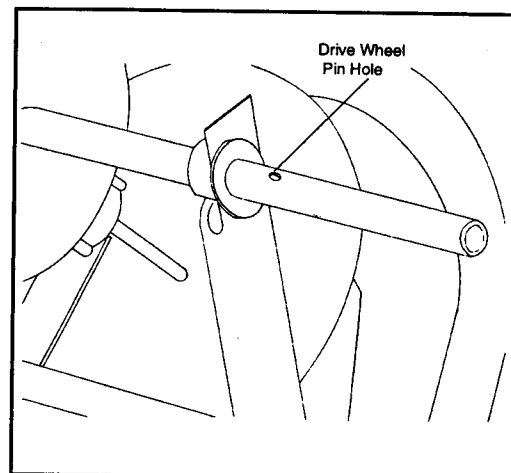
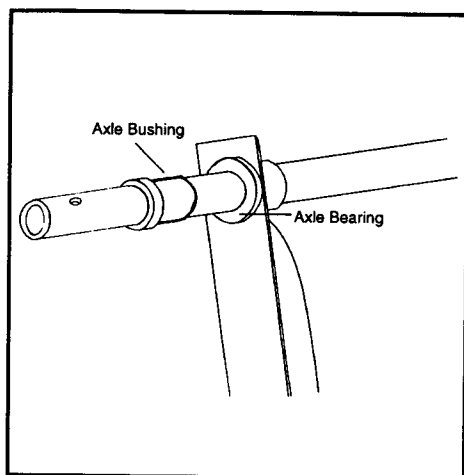
- 7** **STEP #7 FOR C22R ONLY. IF LOWER HANDLES HAVE BALL BEARINGS GO ON TO NEXT STEP.** Install axle bearings to both lower handles. **NOTE:** Notch on bearings and lower handles. Bearings must go through flat side of lower handle.



- 8** **A -** Install lower handles onto axle to both sides as shown. Now insert 1 1/2" bolt through first hole in lower handle. Then through frame brace. **NOTE:** Dimples on frame brace must be facing toward gear box as shown. Next into threaded connector in cross brace. **DO NOT TIGHTEN YET.**
B - Next insert 1 1/2" bolt through other end of frame brace and through second hole in frame install locknut. **DO NOT TIGHTEN YET.**
C - Now insert 2 1/4" bolt through second hole in lower handle and through first hole in frame.

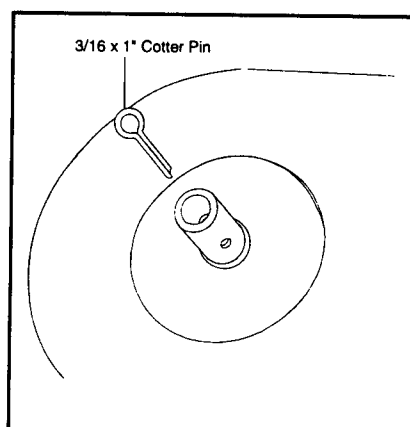
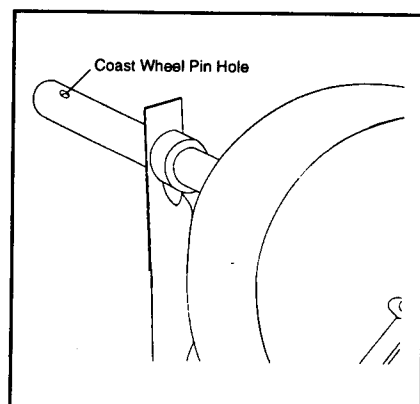


NOW GO BACK AND TIGHTEN ALL NUTS AND BOLTS STARTING WITH FIRST STEP. DO NOT OVER TIGHTEN.



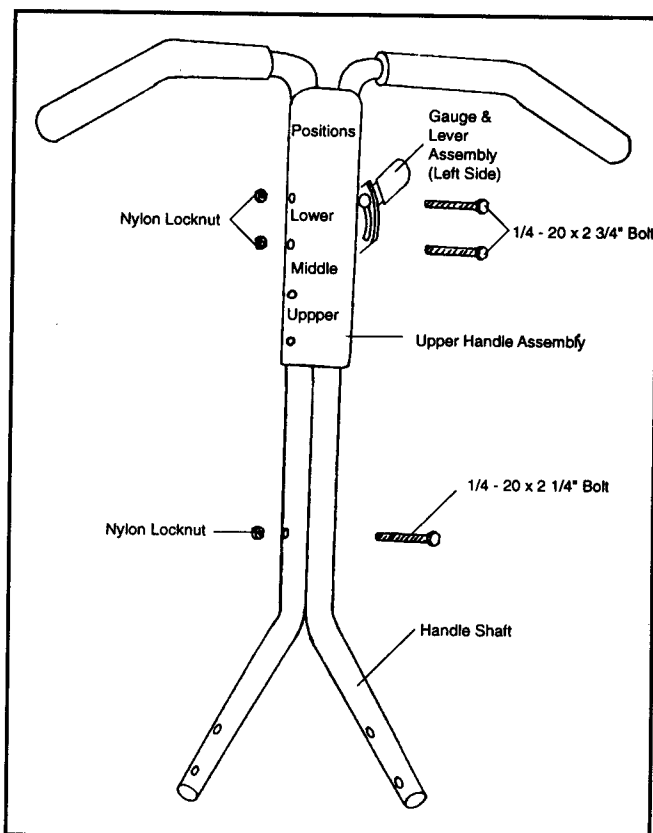
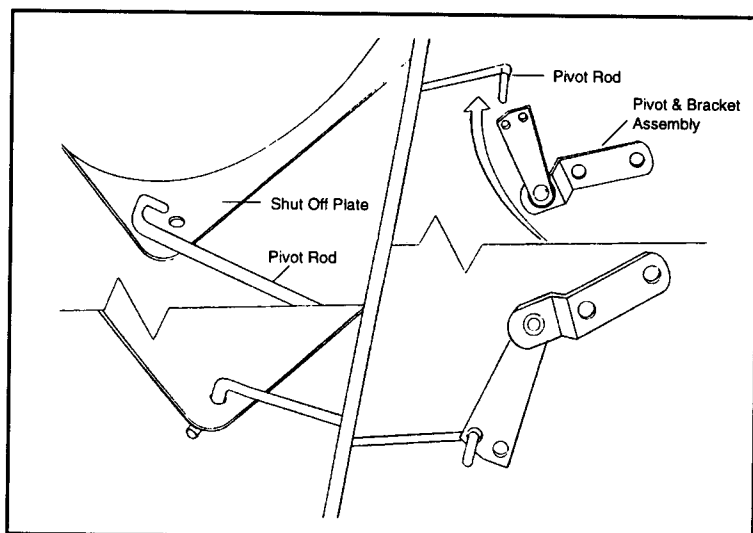
9 STEP #9 FOR C22R ONLY.
IF LOWER HANDLES HAVE BALL BEARINGS GO ONTO NEXT STEP. Slide axle bushing over axle and into axle bearing to both sides as shown.

10 Install drive wheel to axle using pin hole nearest to lower handles as shown. Insert 2" cotter pin through wheel and through axle. Bend with pliers to prevent pin from falling out.
NOTE: DRIVE WHEEL HAS PIN HOLE. COAST WHEEL HAS NO HOLE.



11 Install coast wheel to axle using outside pin hole. As shown, insert 1" cotter pin through axle. Bend with pliers to prevent pin from falling out.

TURN SPREADER UPRIGHT ON TO WHEEL.

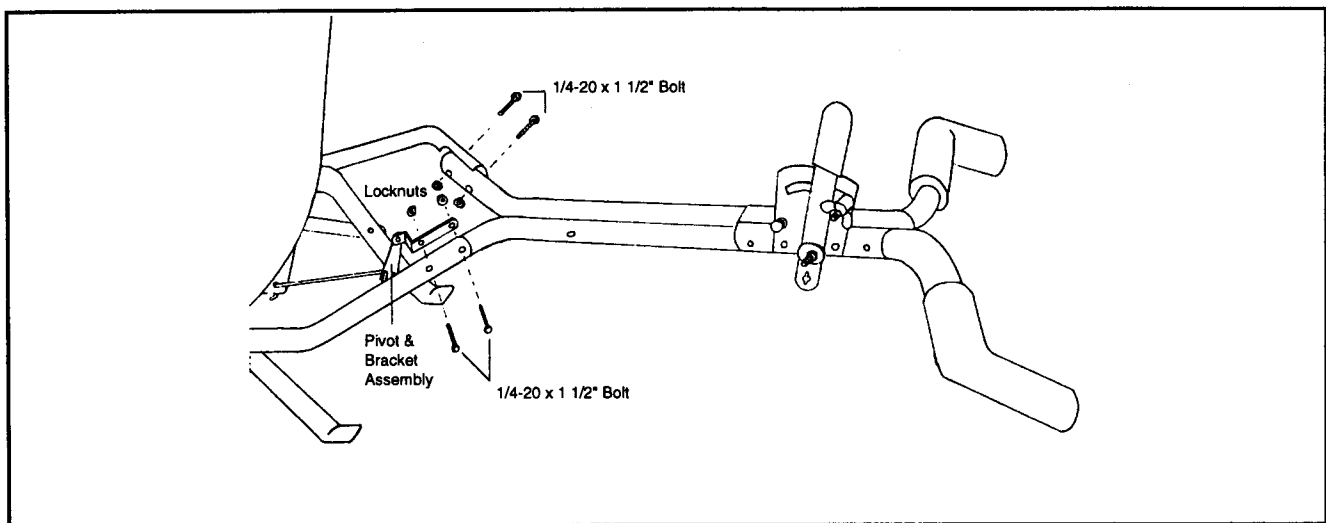


12 **NOTE: BEFORE INSTALLING GAUGE AND UPPER HANDLE ASSEMBLY TO HANDLE SHAFTS, UPPER HANDLE FEATURES THREE POSITIONS FOR OPERATOR'S COMFORT.**

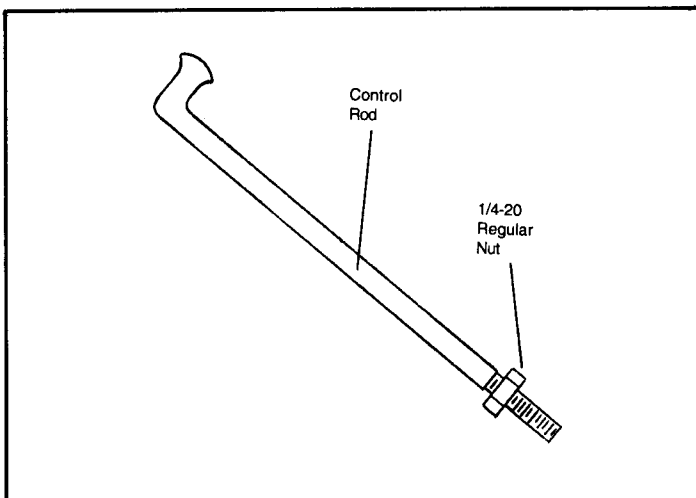
First install (2) 2 3/4" bolts through gauge then through upper handle through both handle shafts. **DO NOT TIGHTEN LOCKNUTS YET. BE SURE GAUGE IS ON LEFT HAND SIDE.** Now insert 2 1/4" bolt through handle shafts and tighten all nuts and bolts.

13 Insert pivot rod in to shut off plate as shown. Turn to lock in place.

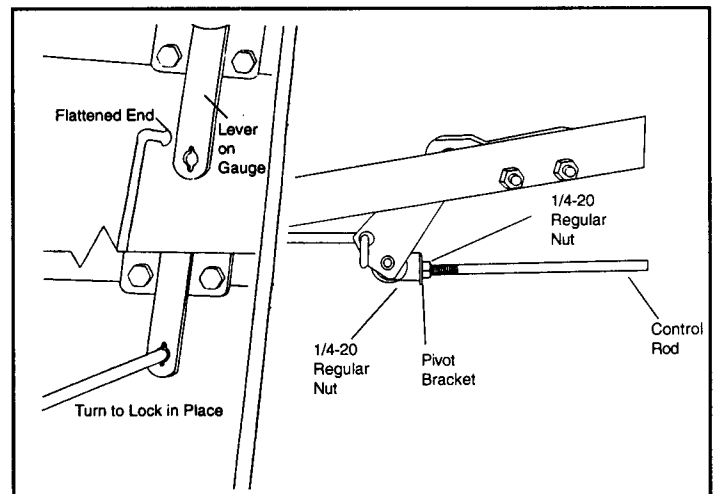
14 Insert other end of pivot rod in to pivot and bracket assembly as shown. Turn to lock in place.



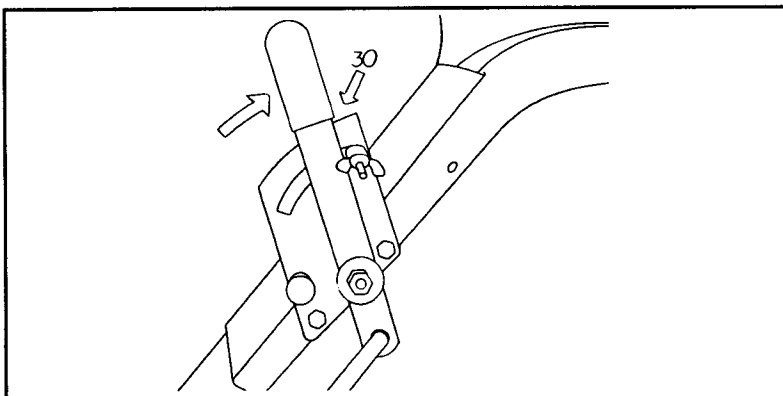
- 15** Install handle shaft to lower handles and pivot & bracket assembly as shown. Using (4) 1 1/2" bolts and (4) locknuts. Tighten bolts and nuts now.



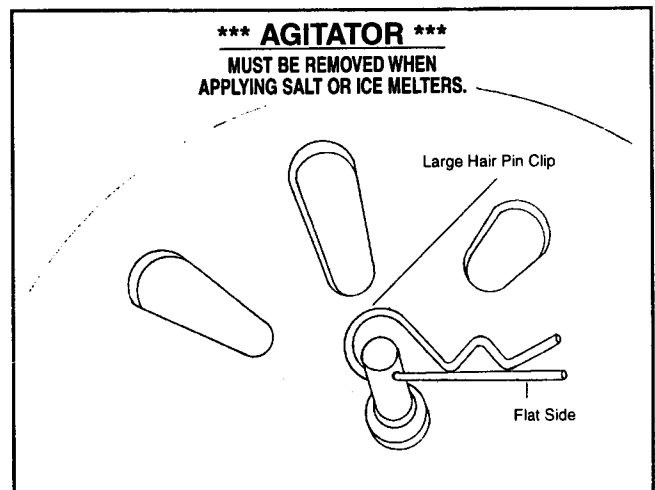
- 16** Install (1) 1/4-20 regular nut (not a locknut) on to control rod as shown.



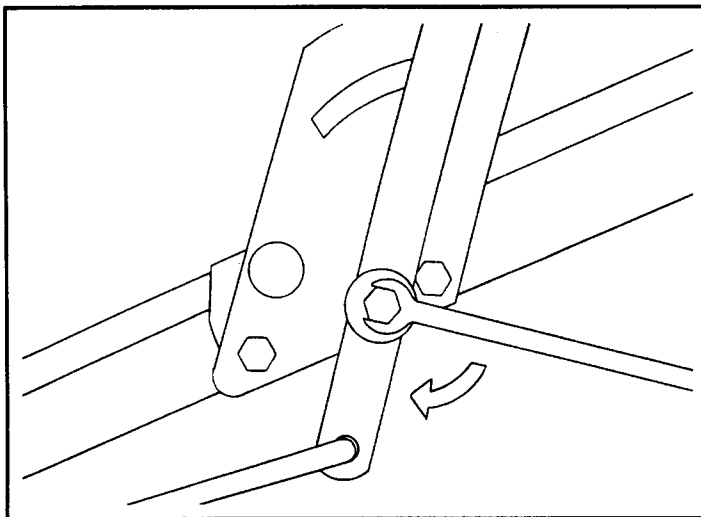
- 17** Install flattened end of control rod in to lever on gauge as shown. Turn to lock in place. Next push lever forward to setting "0". Align control rod up with hole in pivot bracket, pull lever backward to insert control rod through hole in pivot bracket. Now install 1/4-20 regular nut on to control rod. **DO NOT TIGHTEN NUTS YET.**



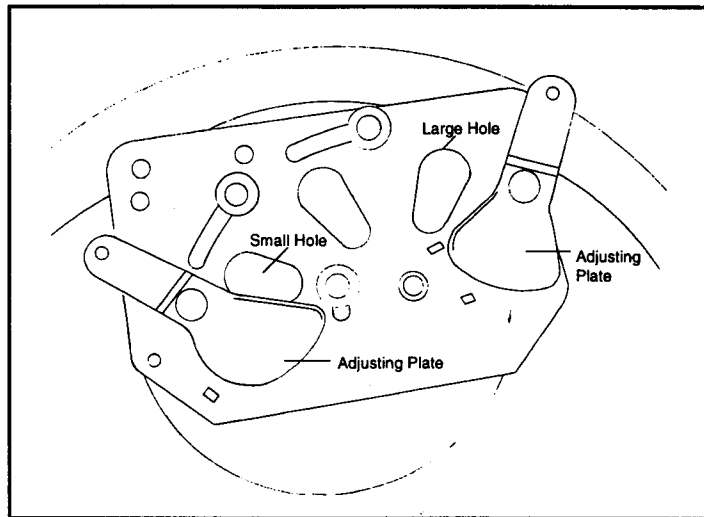
- 18** Pull lever back to setting "30" as shown. Next push pivot & bracket forward so that the shut off plate in the hopper is in the full open position. **REMEMBER SETTING "30" ON THE FLOW CONTROL LEVER MUST PLACE THE SHUT OFF PLATE IN THE FULL OPEN POSITION TO BE PROPERLY CALIBRATED.** Now tighten the nuts against the pivot bracket to prevent change in calibration.



- 19** Insert large hair pin clip to pinion shaft on inside of hopper. **NOTE:** Position of flat side of hair pin clip. This pin should be installed as shown.



- 20** Tension on the flow control lever may be adjusted by tightening or loosening the tension nut as shown.



- 21** For normal operation both plates should be full open. To reduce flow to the left side, partially or completely close the plate over the rear (large) hole. To reduce flow to the right side, partially or completely close the plate over the front (small) hole. Close both plates for a narrow center spread pattern.
- WARNING:** If the optional side deflector is being used in the down position, the plate over the rear (large) hole **MUST BE CLOSED** or an over application of material will occur.

The settings furnished on the Rate Setting Chart are intended as a guide only. Variations in physical characteristics of material applied, walking speed, and roughness of ground surface may require slightly different spreader settings. Due to the above conditions, EARTHWAY PRODUCTS, INC. makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

WARRANTY

EARTHWAY guarantees this product to be free of defects in original workmanship and materials for a period of 90 days from sale to the original user. If any defect develops during this period EARTHWAY will repair or replace this product at no charge provided the defect is not the result of mishandling or tampering and that this product is received at the factory with shipping charges prepaid. For quicker service you may call EARTHWAY at 1-800-678-0671 or write and describe the nature of the defect and we will send repair parts to you.

Due to the corrosive nature of most fertilizers and ice melters, EARTHWAY PRODUCTS, INC. makes no warranty or guarantee against corrosion failure on models with plated steel or painted steel frames. Clean your spreader well after each use.

Warranty covers parts only, but not labor charges.

DO NOT RETURN TO DEALER FOR REPAIR

EARTHWAY PRODUCTS, INC.
1009 Maple Street
P.O. Box 547
Bristol, IN 46507

FOR YOUR RECORDS

Date Purchased

Store Name

OPERATING INSTRUCTIONS

Before filling hopper, become familiar with the operation of this spreader.

1. Obtain proper setting for material to be used from the RATE SETTING CHART included with this spreader.
2. Move stop bolt on rate gauge assembly to the proper setting.
3. While pushing spreader forward, pull control lever back to stop bolt.
4. To stop, push lever forward to close flow holes before you stop moving.
5. When finished, empty any remaining material from hopper.
6. Thoroughly wash spreader and allow to dry before storing. No oiling is necessary.

HOW TO ORDER SPARE PARTS

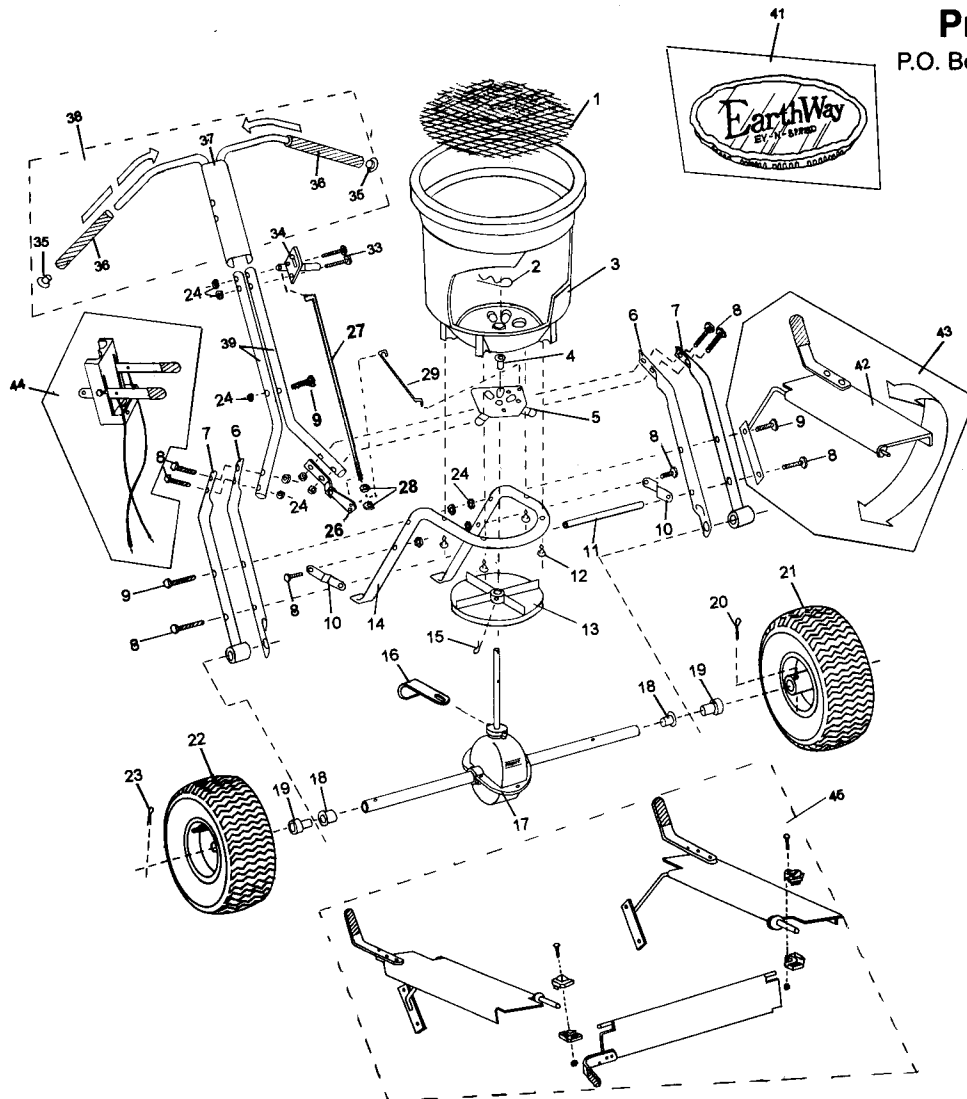
All spare parts listed herein may be ordered direct from the manufacturer, EARTHWAY PRODUCTS, INC., Be sure to give the following information when ordering:

1. Model Number
2. Part Number
3. Part Description

Call (219) 848-7491 or write for current prices.

EarthWay™ Products, Inc.

P.O. Box 547, Bristol, IN 46507
(219) 848-7491



PARTS AND DESCRIPTIONS FOR C22R • C22P • C22SS

Key #	Part #	Description
1	40002	Screen
2	33110	Large Hair Pin Clip
3	60152	Hopper Assembly Includes: #4 & #5
4	12145	Hopper Bushing
5	60123	Shut Off Plate
6	25201	Lower Handle (C22R)
7	25202	Lower Handle (C22P Painted)
7	24202	Lower Handle (C22SS Stainless)
8	31100	*1/4-20 x 1 1/2" Bolt
9	31106	*1/4-20 x 2 1/4" Bolt
10	41240	Frame Brace
11	22603	Cross Brace
12	31104	*#12 x 1 3/8" Flat Head Screw
13	12109	Impeller
14	25102	Frame (C22P & C22R) Painted
14	24100	Frame (C22SS Stainless)
15	36100	*1/8" x 1" Cotter Pin
16	41273	Gear Box Brace
17	60216	Gear Box & Axle Assembly
18	12148	Axle Bearing
19	12152	Axle Bushing
20	36103	*3/16 x 2" Cotter Pin
21	19117	Drive Wheel
22	19118	Coast Wheel

Key #	Part #	Description
23	36104	*3/16 x 1" Cotter Pin
24	32103	*1/4-20 Nylon Insert Locknut
26	60299	Pivot & Bracket Assembly
27	42256	Control Rod
28	32100	*1/4-20 Regular Hex Nut
29	44251	Pivot rod
33	31107	*1/4-20 x 2 3/4" Bolt
34	60298	Gauge & Lever Assembly
35	19113	1" Hole Plug
36	12273	Handle Grip
37	25400	Upper Handle (C22P/C22R Painted)
37	24402	Upper Handle (C22SS Stainless)
38	60069	Upper Handle Assembly (C22P/C22R)
38	60070	Upper Handle Assembly (C22SS Stainless)
39	25301	Handle Shaft (C22R/C22P Painted)
39	24300	Handle Shaft (C22SS Stainless)
41	77001	(Optional) Heavy Duty Rain Cover
42	60063	(Optional) Side Deflector
43	60043	(Optional) Side Deflector and Rain Cover Includes Key #41 & 42
44	60220	(Optional) Shut Off Remote Kit
45	60166	(Optional) Salt Deflector Kit