

**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®**

**MODEL**

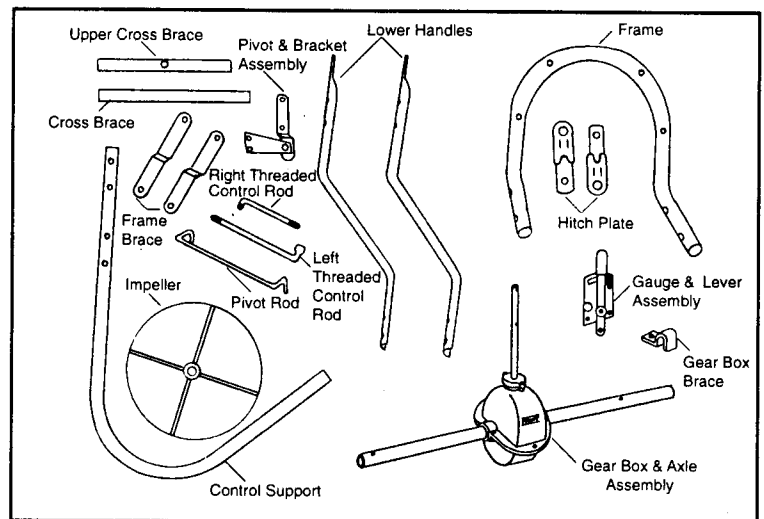
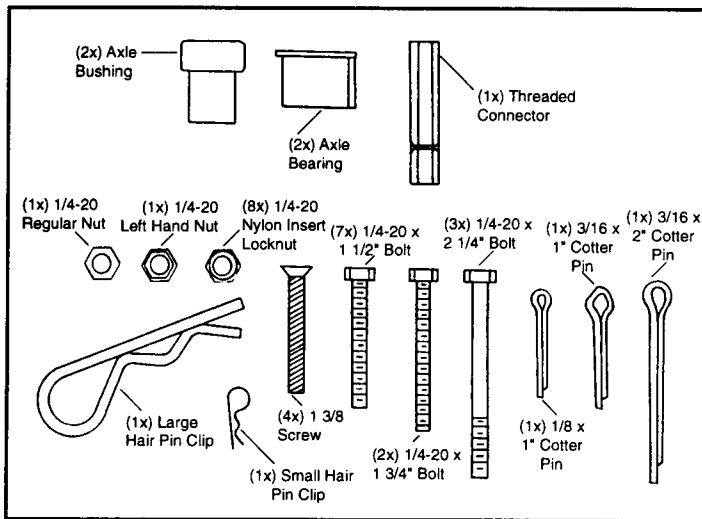
**2150T**

**Broadcast Spreader**

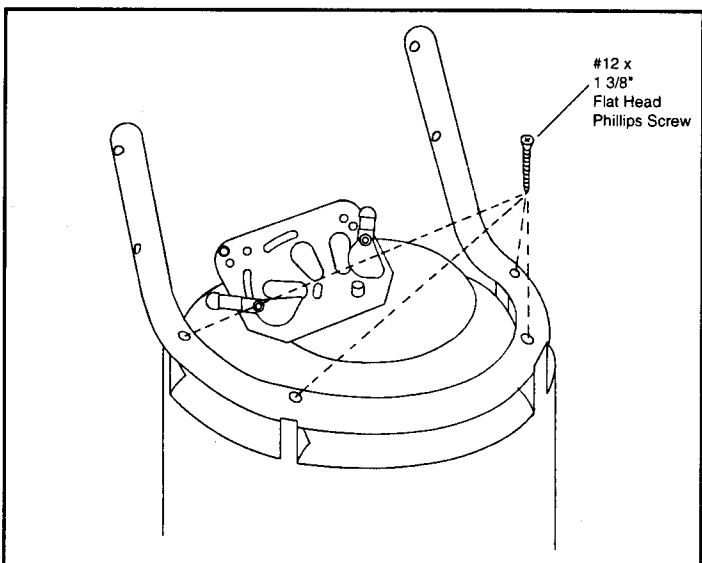
**1 HELPFUL HINTS:**

**READ THE DIRECTIONS BEFORE ASSEMBLY  
WHEN ALL ELSE FAILS, READ THE DIRECTIONS AGAIN.**

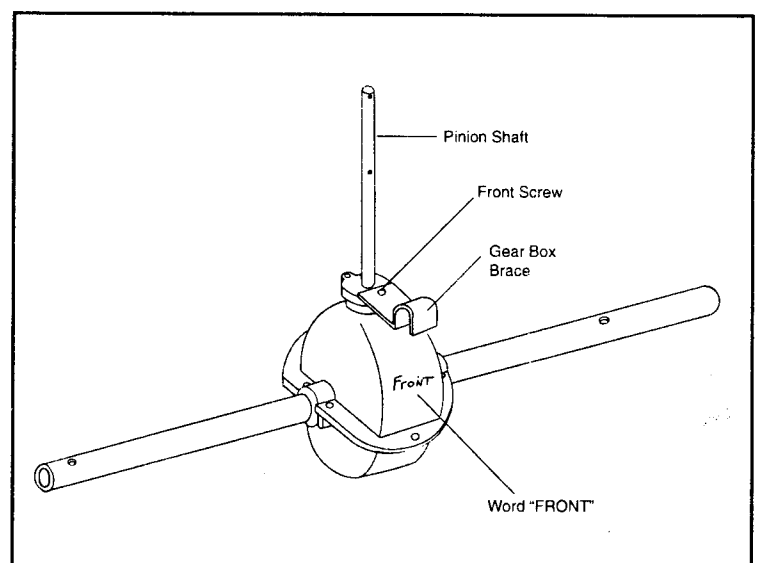
- If your spreader does not spread evenly, be sure the FRONT on the gear box points to the front of the spreader. The impellor must turn clockwise. Reversing the gear box will cause the impellor to turn counter clockwise. Clean the impellor plate after each use. Fertilizer stuck on the impellor blades 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.**

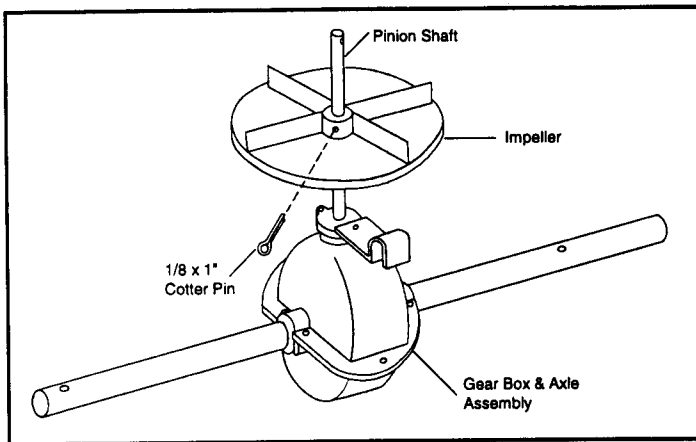


**3 Place hopper upside down and install frame using (4) #12 x 1 3/8" flat head Phillips screws.**

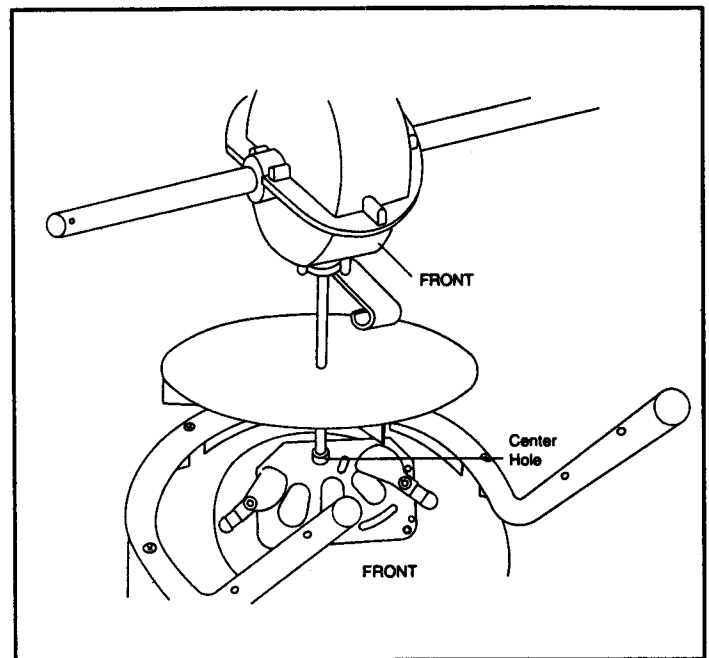


**4 Remove screw from front side of gear box assembly and install gear box brace as shown. NOTE: Gear box brace should be in line with pinion shaft.**

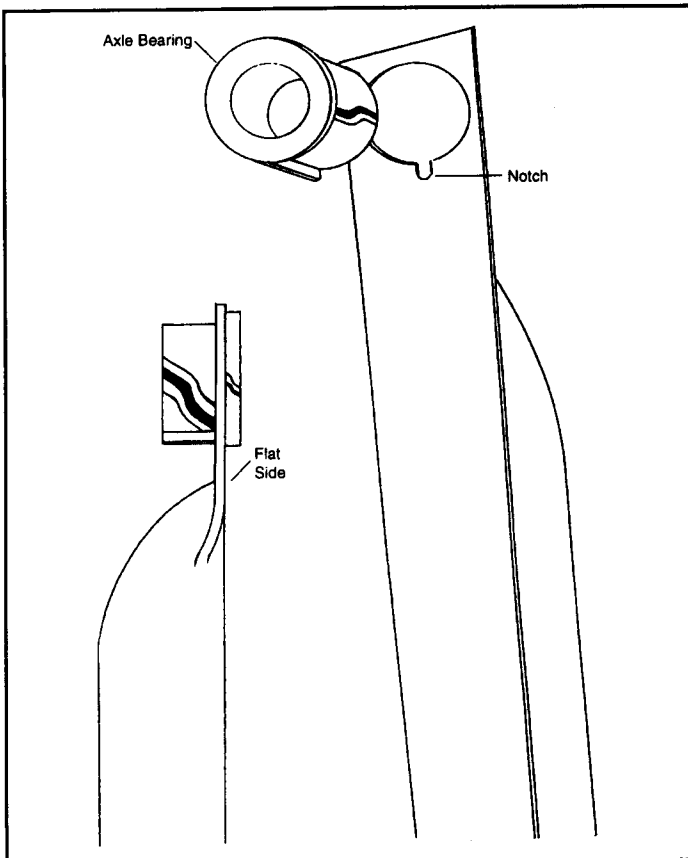
**CAUTION: DO NOT OVER TIGHTEN SCREW.**



- 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** 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 - STUDY ILLUSTRATION CAREFULLY.** Install lower handles on to axle. Insert 1/4-20 x 2 1/4" bolt through 2nd hole in lower handles then through 1st hole in frame. Install 1/4-20 locknut to both sides as shown.

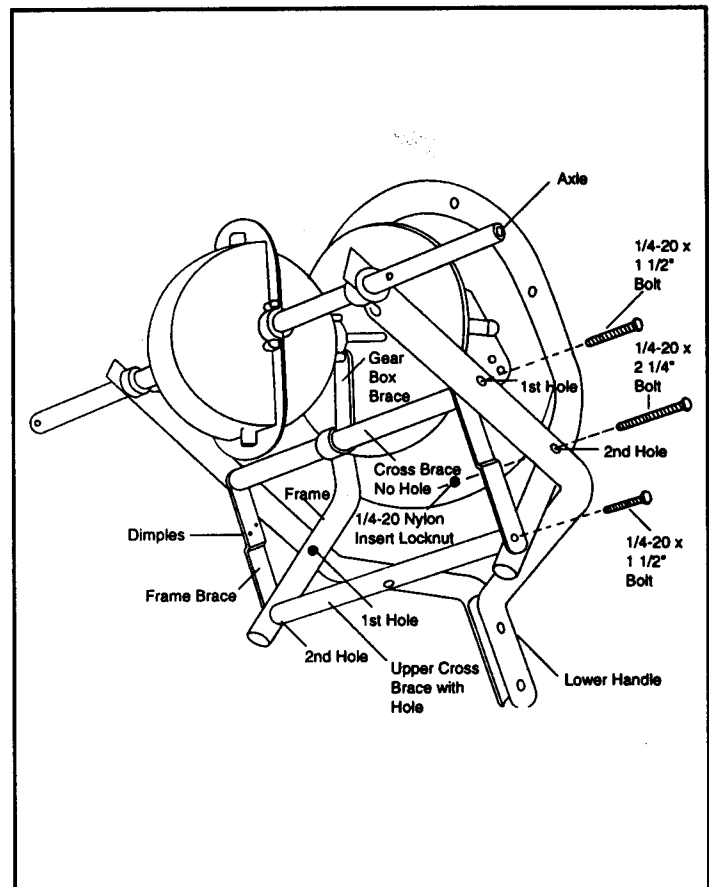
**DO NOT TIGHTEN BOLTS AND NUTS YET.**

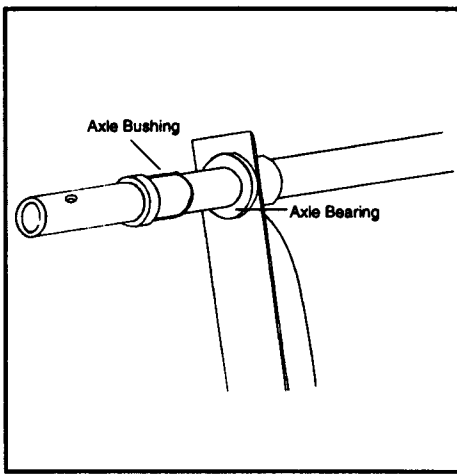
**B -** Insert 1/4-20 x 1 1/2" bolt through 1st hole in lower handles both sides then through frame brace. **NOTE:** Dimples on frame brace must be facing toward gear box as shown. Next into threaded connector in cross brace. Use cross brace with no hole.

**DO NOT TIGHTEN BOLTS YET.**

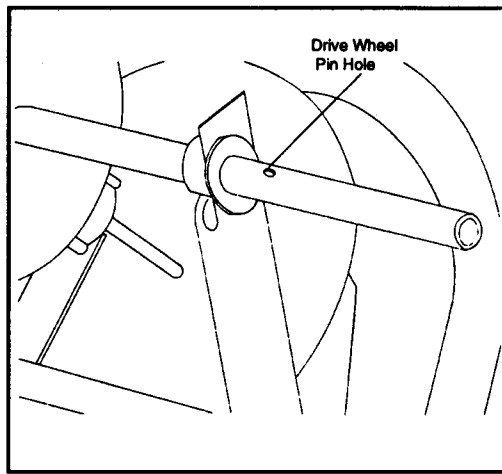
**C -** Next insert 1/4-20 x 1 1/2" bolt through other end of frame brace and through 2nd hole in frame into threaded connector in cross brace with hole to both sides.

**DO NOT TIGHTEN BOLTS YET.**

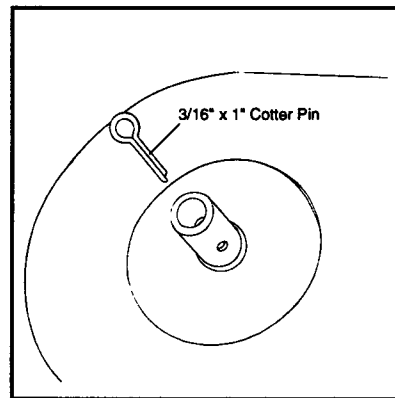
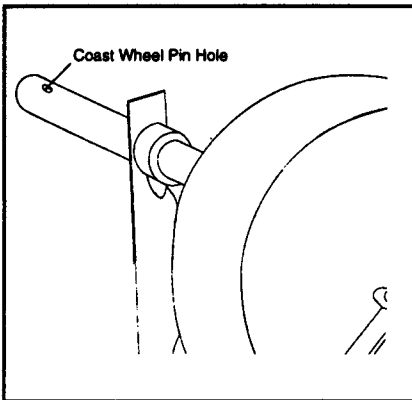
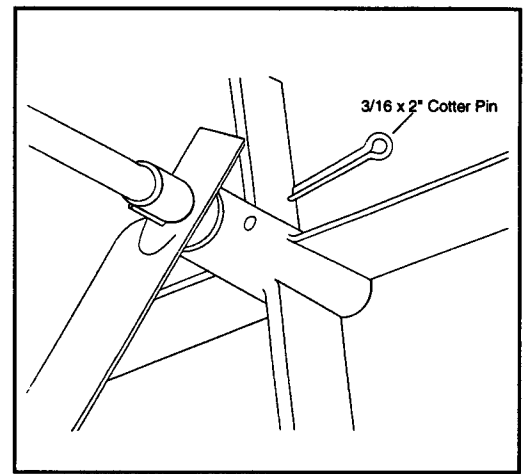




**9** Slide axle bushing over axle and into axle bearing to both sides as shown.

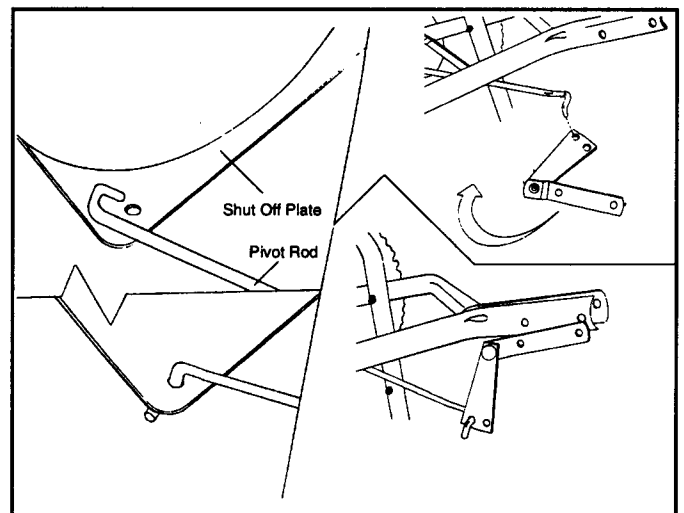


**10** Install drive wheel to axle using pin hole nearest to lower handles as shown. Insert 2" cotter pin through wheel and through axle. Bend with pliers to prevent pin from falling out.  
**NOTE: DRIVE WHEEL HAS PIN HOLE. COAST WHEEL HAS NO HOLE.**



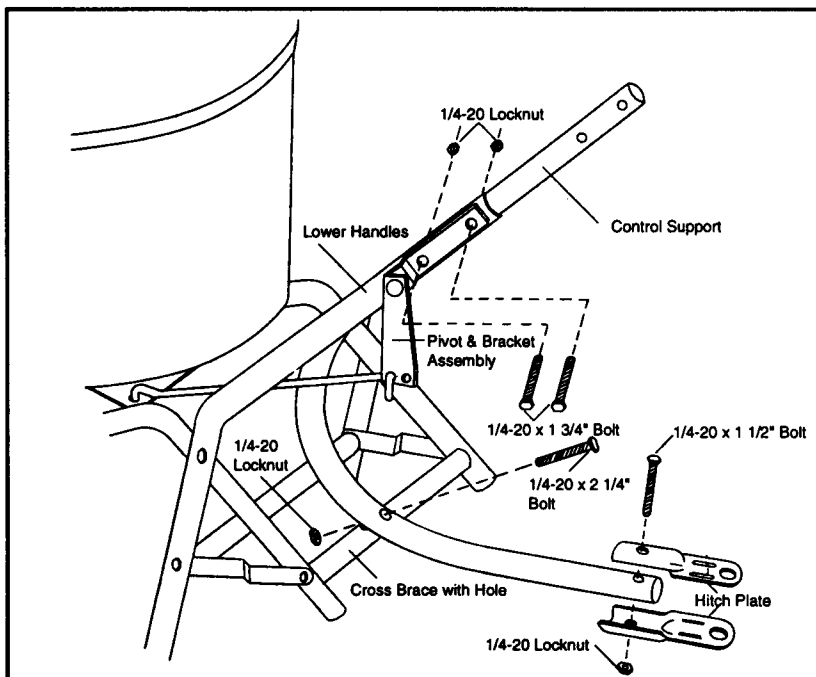
**11** Install coast wheel to axle using outside pin hole. As shown, insert 1" cotter pin through axle. Bend with pliers to prevent pin from falling out.

**TURN SPREADER UPRIGHT ON TO WHEEL.**



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

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



**STUDY ILLUSTRATION CAREFULLY**

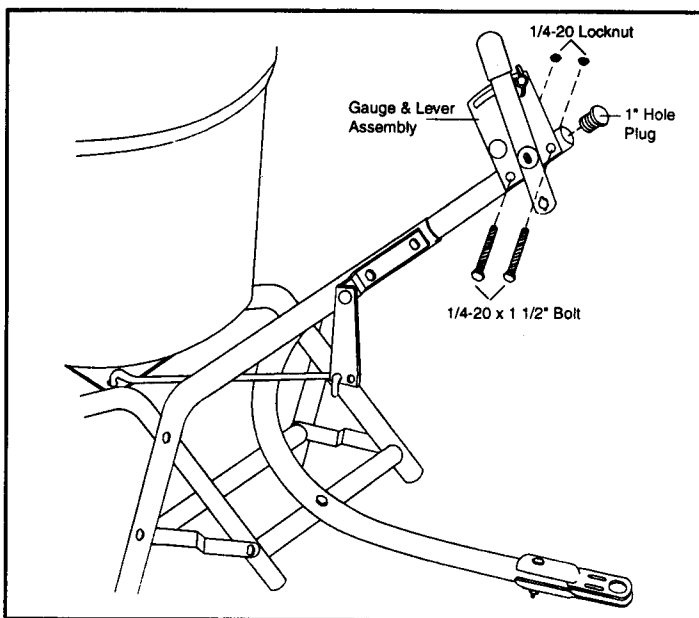
**14** **A** - Install control support between lower handles as shown. Line up hole in cross brace with hole in control support. Insert 1/4-20 x 2 1/4" bolt through control support and through hole in cross brace. Apply 1/4-20 locknut.

**DO NOT TIGHTEN YET.**

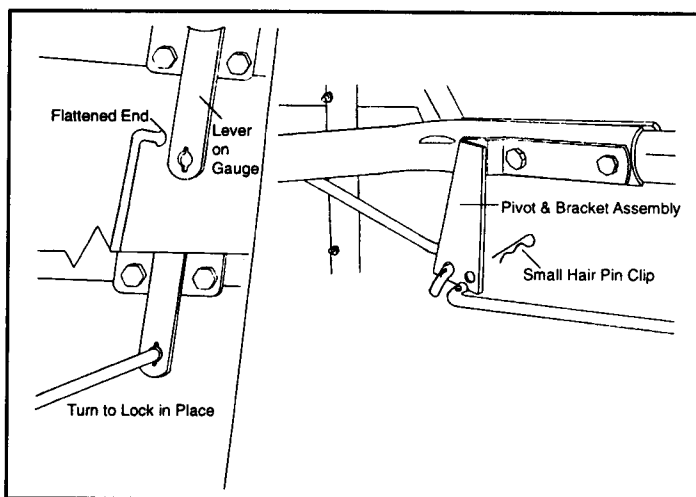
**B** - Attach pivot and bracket assembly to lower handles using (2) 1/4-20 x 1 3/4" bolts and (2) 1/4-20 locknuts.

**NOW GO BACK AND TIGHTEN ALL NUTS AND BOLTS.**

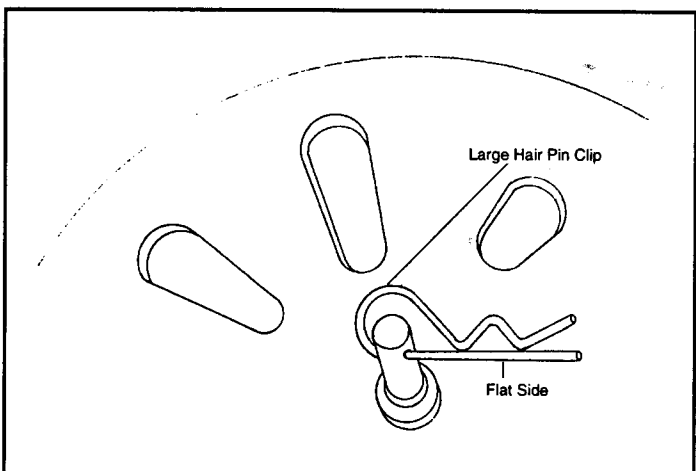
**C** - Fasten hitch plates to control support as shown using (1) 1/4-20 x 1 1/2" bolt and locknut.  
**TIGHTEN NOW.**



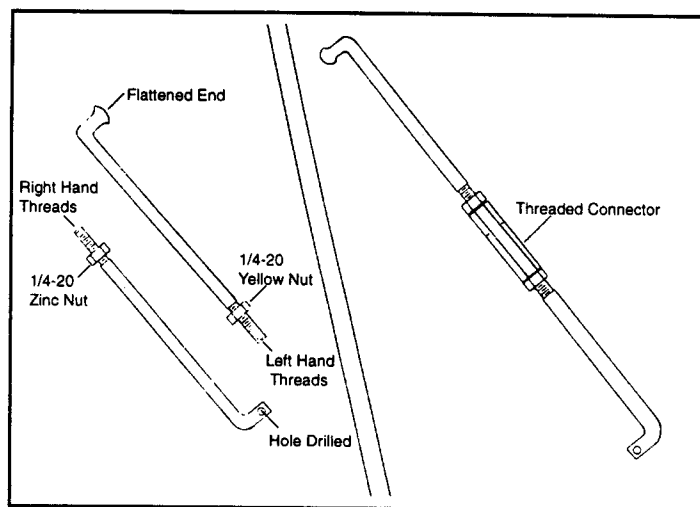
- 15** Attach gauge and lever assembly to control support using (2) 1/4-20 x 1 1/2" bolts and (2) 1/4-20 locknuts.  
**TIGHTEN NOW.**  
Now tap with hammer 1" hole plug in to control support.



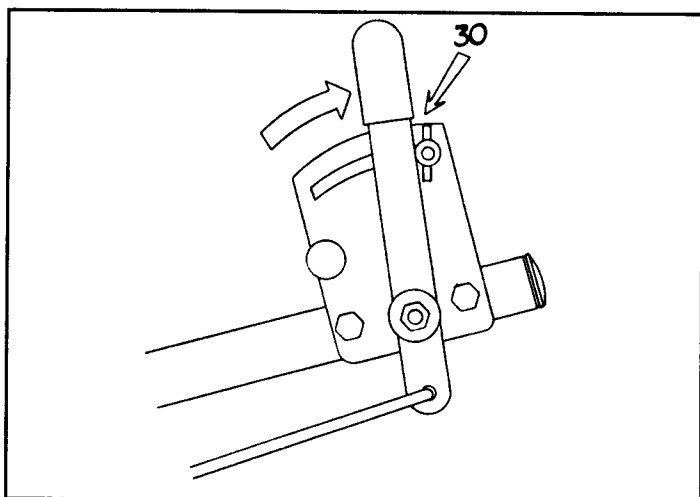
- 18** Install flattened end of control rod in to lever on gauge as shown. Turn to lock in place. Next insert round end of control rod in to pivot and bracket assembly. Secure in place using the small hair pin clip.



**\*\*\* AGITATOR \*\*\***  
**MUST BE REMOVED WHEN**  
**APPLYING SALT OR ICE MELTERS.**

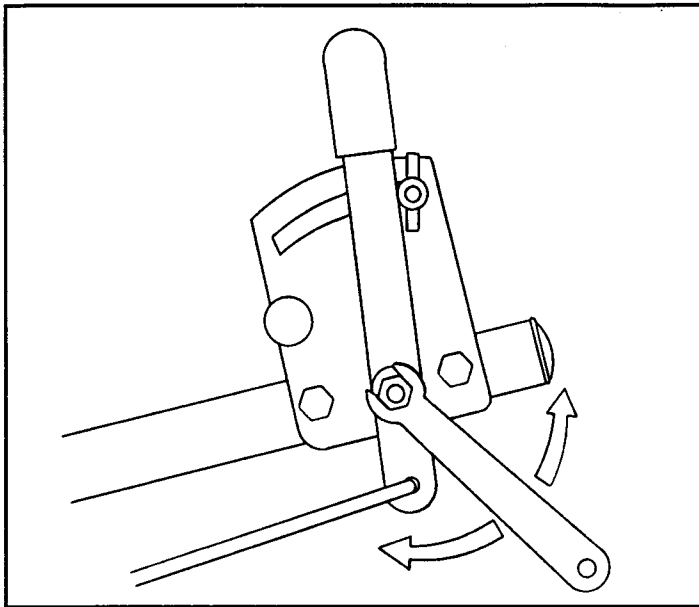


- 16** Install the 1/4-20 yellow left hand threaded nut onto the control rod with the flattened end. Install the 1/4-20 regular zinc plated nut (not a locknut) on the right threaded control. (Rod with drill hole).
- 17** Now connect the two threaded control rods together using the 2" threaded connector. **DO NOT TIGHTEN YET.**

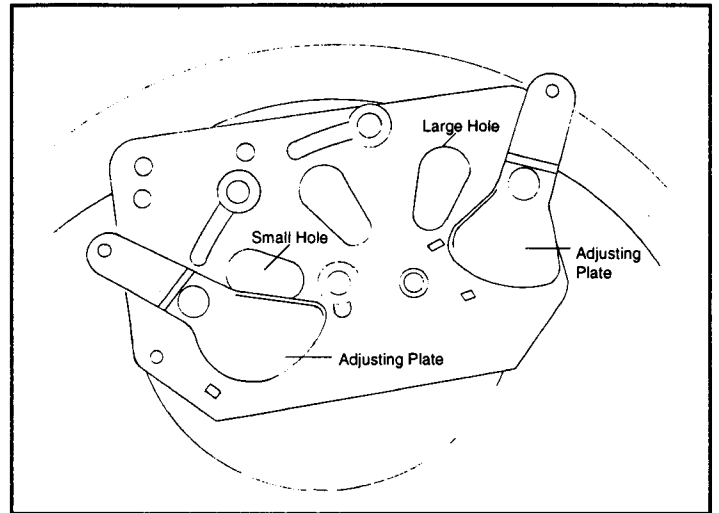


- 19** To calibrate the flow settings, put the flow control lever at setting 30. Adjust the length of the upper control rod by turning the threaded connector so that the shut off plate in the hopper is in the full open position. **REMEMBER** – Setting 30 on the flow control lever must place the shut off plate in the full open position to be properly calibrated. **NOW** tighten the nuts against the threaded connector to prevent a change in calibration.

- 20** 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.



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



- 22** 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

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 St.  
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 pulling spreader forward, pull control lever back to stop bolt.
4. To stop, pull lever backward 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.

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



Key #	Part #	Description
21	60153	Gauge & Lever Assembly
22	44254	Left Hand Threaded Control Rod
23	32114	1/4-20 Left Hand Threaded Nut
24	41272	Threaded Connector
25	32100	*1/4-20 Regular Nut
26	44255	Right Hand Threaded Control Rod
27	36101	Small Hair Pin Clip
28	60215	Gear Box & Axle Assembly
29	33109	*3/16" x 2" Cotter Pin
30	70138	Drive Wheel
31	70139	Coast Wheel
32	33108	*3/16" x 1" Cotter Pin
33	12148	Axle Bearing
34	12152	Axle Bushing
35	19113	1" Hole Plug
36	44215	Hitch Plate
37	25603	Control Support
38	60048	(Optional) Standard Duty Rain Cover
39	77001	(Optional) Heavy Duty Rain Cover