

TBS5000

Commercial Trailer Spreader

ASSEMBLY INSTRUCTIONS & PARTS LIST



01/98



PRECISION PRODUCTS, INC.
A subsidiary of Gleason Corporation

ASSEMBLY INSTRUCTIONS:

TBS5000 Commercial Trailer Spreader

ASSEMBLY TIP: Loosely tighten nuts and bolts at first. Fully tighten when the unit is completely assembled.

STEP 1

Using 1-1/2" Hex Head Bolt assembly (Fig. 1), attach Hopper Supports to the bottom of the Hopper, facing the bends of the Hopper Supports toward the front of the Hopper (Fig. 2).
(NOTE: The front of the Hopper is referenced by the side with the Cable Assembly extending from it.)

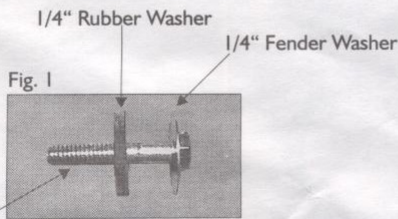
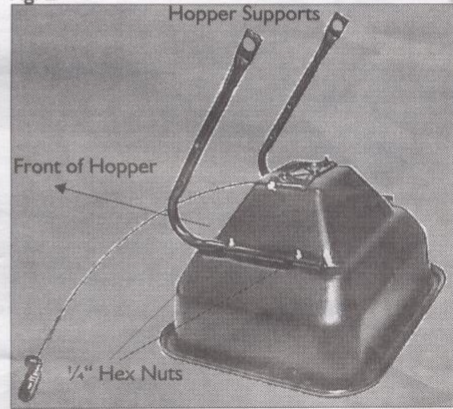


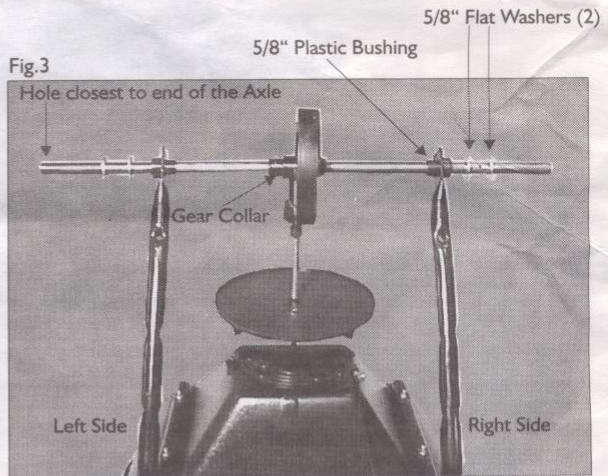
Fig. 2



STEP 2

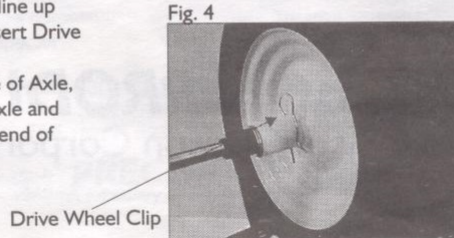
FOLLOW THIS STEP VERY CAREFULLY, REFERRING TO FIGURE (3)

Insert Axle with the Gear Case Assembly through holes in Hopper Support, making sure that the hole closest to the end of the Axle is on the Left Side. Insert Spinner Shaft through bottom of the Hopper. Slide (2) 5/8" Plastic Bushings into Hopper Support Holes, & 5/8" Flat Washers (2 each side) onto the Axle on each side (Fig 3).

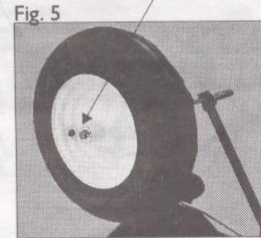


STEP 3

Place Wheel on Right Side of Axle, line up hole on wheel hub and Axle and insert Drive Wheel Clip (Fig. 4). Place remaining Wheel on Left Side of Axle, place 5/8" Flat Washer on end of Axle and insert Cotter Pin in the hole at the end of the Axle.(Fig. 5)



5/8" Flat Washer & Cotter Pin



STEP 4

Insert Hitch Pin Clip through Spinner Shaft (inside Hopper). (Fig. 6)
Attach Cross Brace (Short Brace) to Hopper Supports using 1/4" x 1-1/2" Hex Head Bolts and 1/4" Hex Nuts. (Fig. 7)
Attach both Right & Left Hitch Arms to Hopper Supports using 1/4" x 2" Hex Head Bolts and 1/4" Hex Nuts. (Fig. 8)

Fig. 6 Hitch Pin Clip

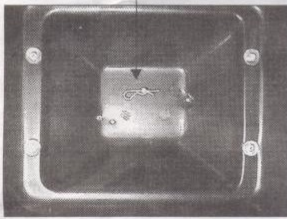


Fig. 7

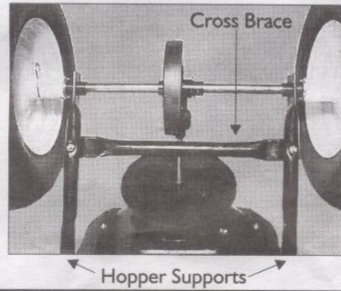
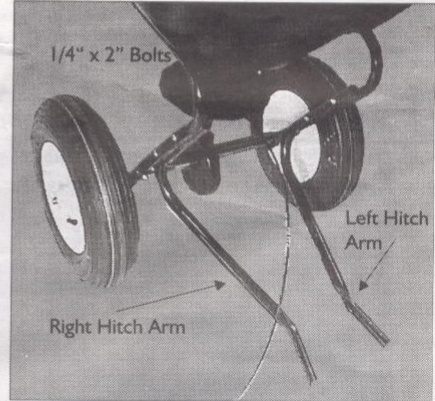


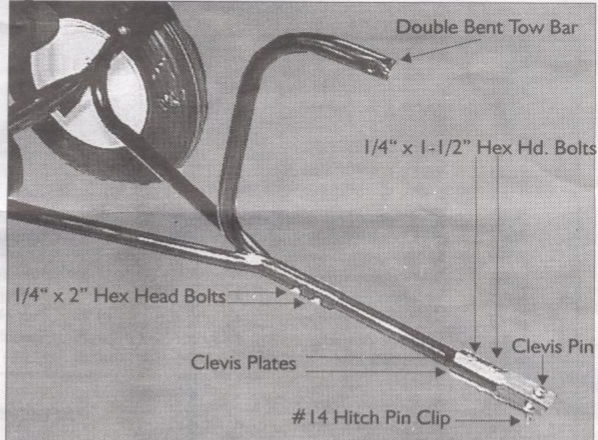
Fig. 8



STEP 5

Attach Double Bent Tow Bar with (2) 1/4" x 2" Hex Head Bolts and 1/4" Hex Nuts.
Attach (2) Clevis Plates using (2) 1/4" x 1-1/2" Hex Head Bolts and 1/4" Hex Nuts.
Place 1/2" x 1-3/4" Clevis Pin through Clevis Plates and insert #14 Hitch Pin Clip through Clevis Pin hole.

Fig. 9



STEP 6

Using a hammer, tap in (2) 1" Tube Plugs on top of both Hopper Supports (Fig. 10), and the top of both Hitch Arms (Fig. 11)

1" Tube Plugs

Fig. 10

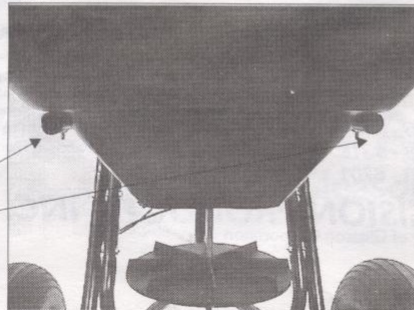
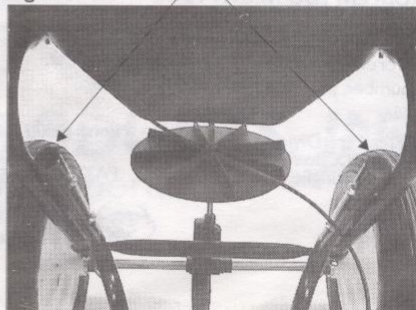


Fig. 11

1" Tube Plugs

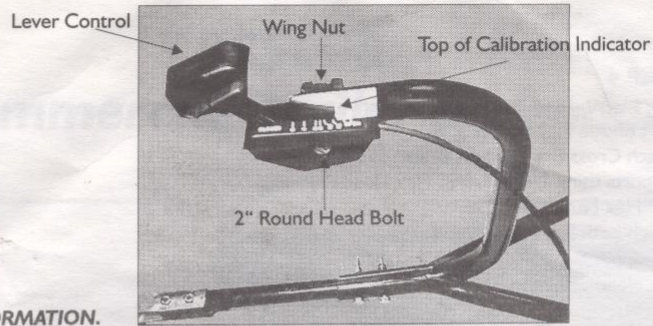


STEP 7

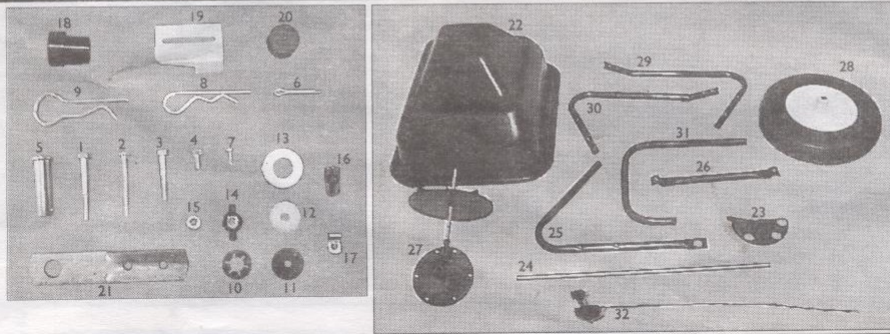
Place the Calibration Indicator between the Control Cable Assembly and the Tow Bar. Using the 1/4" x 2" Round Head Bolt, and Wing Nut, attach Control Cable Assembly to top portion of Tow Bar.

USING YOUR SPREADER

Settings made by loosening the Wing Nut and moving the Calibration Indicator until the desired number is aligned with the top of the Calibration indicator.



SEE APPLICATION CHART FOR SETTING INFORMATION.



Parts List * TBS5000							
Ref No	Parts No	Description	Qty	Ref No	Parts No	Description	Qty
1	1086	1/4" x 2" Hex Hd Bolt	6	19	1097	Calibration Indicator	1
2	1655	1/4" x 2" Round Hd Bolt	1	20	3060	Tube Plug	4
3	6129	1/4" x 1-1/2" Hex Hd Bolt	8	21	1062	Clevis	2
4*	1647	1/4" x 1/2" Hex Hd Bolt	1	22	5050	Hopper	1
5	1840	1/2" x 1-3/4" Clevis Pin	1	23*	1307	Slide Plate	1
6	1262	1/8" x 1-1/4" Cotter Pin	2	24	6171	Axle	1
7*	5063	#6 x 3/8" Screw	2	25	5051	Hopper Support	2
8	1042	#14 Hitch Pin Clip	2	26	5053	Cross Brace	1
9	5060	Drive Wheel Clip	1	27	6122	Gear Case Assembly	1
10*	1008	3/8" Retaining Ring	1	28	5059	Wheel	2
11	6127	1/4" Rubber Washer	4	29	6155	Right Hand Hitch Arm	1
12	6143	1/4" Fender Washer	4	30	6156	Left Hand Hitch Arm	1
13	1646	5/8" Flat Washer	5	31	6225	Double Bent Tow Bar	1
14	1269	1/4" Wing Nut	1	32*	2656	Cable Assembly	1
15	1270	1/4" Hex Nut	15	*ATTACHED AT FACTORY			
16*	5050C	Plastic Slide Plate Clamp	2				
17*	1098	3/16" Cable Clamp	1				
18	6214	5/8" Plastic Bushing	2				

PLEASE DO NOT RETURN THIS MERCHANDISE TO THE STORE. CALL US AND WE WILL TAKE CARE OF ANY PROBLEM YOU MIGHT HAVE WITH THIS PRODUCT.

HOW TO ORDER

When ordering parts always give model number, part number, part description and inspector number.

Send To: Parts Division
P.O. Box 2546
Springfield, IL 62708

Phone (800) 225 - 5891
(217) 528 - 1311
FAX (217) 523 - 6701

LIMITED WARRANTY

This unit is warranted against defects in materials and workmanship to the original purchaser, under normal use and service, for a period of ninety (90) days from date of sale. During the Warranty Period, we will repair or replace at our option free of charge to the original purchaser, any part of the Unit that our examination shows to be defective in workmanship or materials. This Warranty **Does Not** apply to damage caused by misuse, abuse, neglect, accident, normal wear, or alterations by unauthorized persons.



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