



Operator's Manual

10T Series Drop Spreader

For 6, 8, 10 & 12-Ft Models

Pull-Type, End-Wheel Drive & Implement Mounted



Pull-Type



End-Wheel Driven 3-Point Hitch



Implement Mount

Gandy Company
815 Rice Lake Street
Owatonna, MN 55060

Telephone: 507-451-5430 / 800-443-2476

Fax: 507-451-2857

Website: www.gandy.net / Email: sales@gandy.net

Maintenance of 10T Series Spreaders:

Lubrication of Spreader:

There are a total of 9 grease fittings on this spreader that need to be greased twice –a-day. These 9 grease fittings are greased from the factory but double check that none were missed. There is 1 on the optional hand shut-off, if used to be greased periodically as needed.

Left & Right Wheel Hubs & Wheel Hub Collars: (Three on Left End & Three on Right End)

The wheel hubs have a built-in grease reservoir and should be greased generously twice daily. The front and rear collars need to be greased twice daily. When properly lubricated grease should come out the parting line between the front and rear collars.



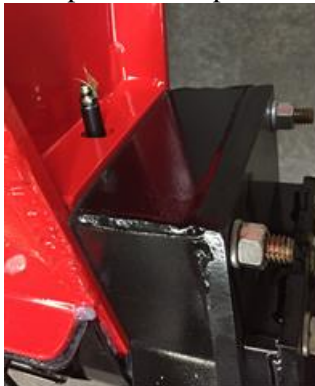
One Grease Fitting on Left & Right Wheel Hub



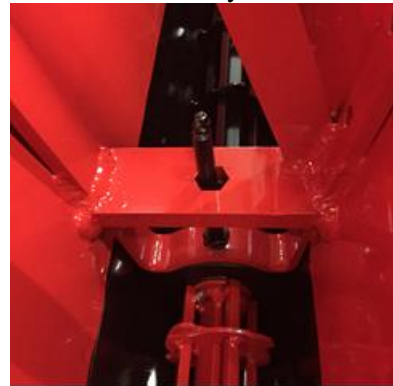
One Grease Fitting on Front & Rear Collar

Left & Right End & Center Bearing: (Three Total)

These three bearings need to be greased sparingly twice daily. Do not over grease as this will force excess grease out into the spreader compartment and can cause interference with followability of material.



Grease Fitting Left & Right End Bearing



Grease Fitting Center Bearing

Knee Lever:

(only if using the manual shut-off lever)

Grease the knee lever mounted to the hitch by the cam gauge periodically as needed.



Built in Ground Driven Wheel Hub Manual Operation: For Pull-Type & 3-Pt End Wheel Driven Spreaders:

Out of Gear Position, Lever Up:

When traveling to a from field locations flip the clutch lever in the up Out of Gear position as shown in illustration. When the lever is in the up position the rotor bars inside the spreader do not turn. This keeps the spreader from grinding up the product that is in the rotor bar location



In Gear Position, Lever Down:

When applying material flip the clutch lever in the Down in gear position as shown in illustration. When the lever is in the down position the rotor bars inside the spreader will turn agitating the material in the hopper to help it evenly flow.

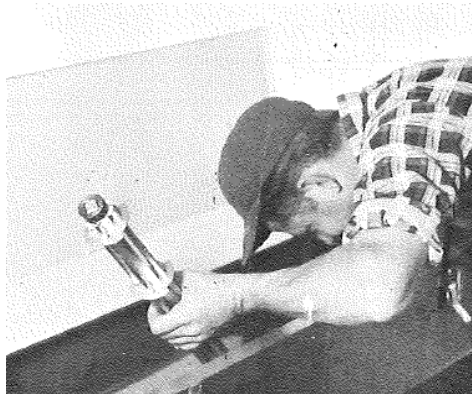


Cleaning of Spreader:

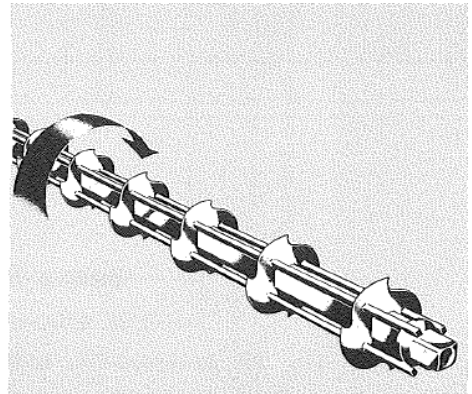
- 1) Run spreader until it is empty or nearly so.
- 2) Move the cam gauge to the highest position and empty hopper out.
Catch remaining material on a tarp or optional 1 calibration pans. Sweep out remaining material.
- 3) To remove rotor bars pull out the stub drives on each end by pushing down on the clutch lever and pulling stub drives out. **(See Illustration)**
The stub drives connect directly to the square rotor bar shaft. When the stub drives are removed this releases the rotor bars for removal.
- 4) Removing rotor bars.
With the stub drives removed grab one rotor bar and slide it the outside of the spreader and the lift the center up and out of the hopper. Repeat this of the other side. Keep track of what side the rotor bars came out from. With the rotor bars removed sweep out the remaining material and wipe clean.
- 5) To clean any buildup of material between stainless slide strips and painted bottom the rear hangers will need to be removed. There are two nuts and nylon washers per rear hanger. Also there is on self-tapping phillips head screw in the middle of each rear hanger. Remove all of these and tap the rear hanger the direction of the slots to remove stainless slid strip assembly. With slides removed wipe both the bottom and slides clean. Clean end and center bearings at this time. Clean stub drives and rotor bars at this time also.
Before reassembling spreader place a very light coat of fine oil over bottom and slide and inside of hopper. (WD40 or a spray on wax works well.)
- 6) Reassemble the slide back to the bottom making sure the slide rails catch the lip of the rail (Cam-Gauge side) on the bottom of the hopper. Install the rear hangers using the nylon washer and nuts. Gently tap the rear hanger over till the center hole aligns with the hole of the self-tapping screw and start the screw in place. Tighten the two nuts on each rear hanger. Tighten the self-tapping screw. Check to see if the bottom moves smoothly but not to tight.
- 7) Reinstalling the rotor bars.
There is a Left Rotor Bar painted Black and stamped “L” on square end.
There is a Right Rotor Bar painted Red and stamped “R” on the square end.
These need to be put back into their left and right sides. Stand behind the spreader with the hitch on the opposite side of you to deuterium what is the left & right side. The rotor bars need to turn the claw down (the direction you travel) for them to work correctly on wheel driven models. **(See illustration)**
With rotor bars reinstalled reinstall the stub drives back into hubs and connect to square end of rotor bars. See page on greasing hopper & re-grease as needed.



Clutch Lever



Rotor Bar Removal



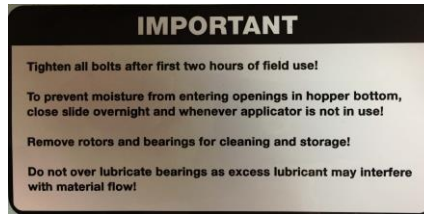
Rotor Bar Direction of Travel

Operation & Calibration:

- 1) Observe the important service and safety decals located on the spreader.



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N02-0014-020



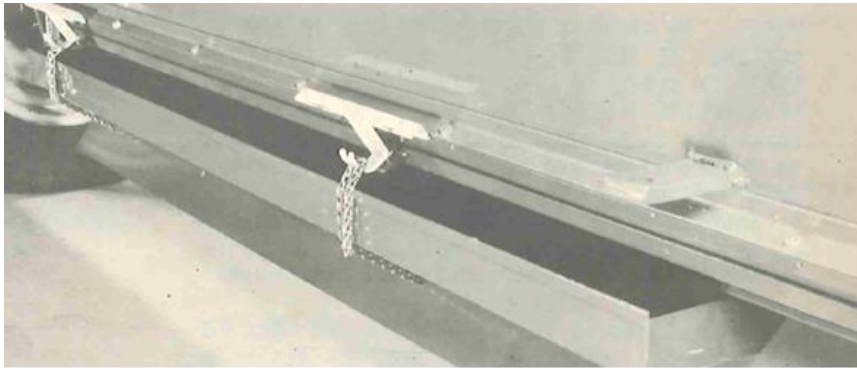
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- 2) With spreader in the closed position fill hopper and close lids. Check to see that spread-plates are set at desired angle. Spread plates can be adjusted by changing how the sash chain is hooked to the spreader. Start with the spread plate at about 45 degrees. This is a starting point. When using different materials the angle may need to be adjusted up or down to create a sheet like flow for even coverage. Or the spread-plates can be removed to drop material in slight streaked rows.
- 3) Set the Cam-Gauge for the material you are using. The numbers on the Cam-Gauge are for reference only and have nothing to do with your desired rate. The larger the number the more the bottom opens or a higher applied rate. The smaller the number the less the bottom opens or a lower applied rate. Use the top edge of the stop as the gauge point for the line on the Cam-Gauge. See rate chart for setting. If the material you are using is not listed pick a material that is close in size and you will have to calibrate to get the desired rates you want.
- 4) Before applying make sure to engage the wheel hubs by flipping the levers down and pulling ahead a little to make sure the wheel hubs engage.
- 5) Check calibration by one of the two methods described below. Using the optional Calibration Pans or the know area method. In conducting rate checks always maintain actual field operation speed. To check your ground speed use the following chart comparing speed to distance traveled in one minute.

1 mph	2 mph	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9mph	10 mph
88 Ft.	176 Ft.	264 Ft.	352 Ft.	440 Ft.	528 Ft.	616 Ft.	704 Ft.	792 Ft.	880 Ft.

- 6) After checking application rate apply material.
- 7) Close slide to shut-off material flow and to prevent moisture from entering openings in hopper over night or when spreader is not in use. Remember to disengage the wheel hubs when traveling to and from locations.

Continued on Next Page....



Picture of a Calibration Pan Held in Place By Sash Chains

Using Calibration Pans:

Place calibration pans on spread-plate using the sash chains to hold them in place.

Note: the 6-ft spreader only uses one pan all the others use two pans.

Fill the spreader about half full.

See chart below for size of spreader you have 6, 8, 10 or 12-Ft and mark out the distance to be traveled. This distance equals 1/10 of an acre at the speed you wish to travel.

Pick the speed you want to go and travel the distance listed in chart below collecting the material in the calibration pans.

Begin moving ahead of marked off distance so you are traveling at desired speed.

Open bottom of spreader as the spreader passes the beginning of the marked off distance and then close the bottom as the spreader passes the end of the marked off distance.

Weight material collected in pounds.

Multiply this weight by 10 to get the applied rate in pounds per acre.

Keep repeating this step until you get the rate you are looking for.

Keep track of the setting and speed traveled for future use.

Your Spreader Width	Distance to Travel to Collect 1/10 of an Acre.
6-Ft Models	726 Feet
8-Ft Models	544 Feet, 6-inches
10-Ft Models	435 Feet, 8-inches
12-Ft Models	363 Feet

Know Area Method

Fill hopper. Treat a known area, such as an acre or two, and refill hopper to the same level, noting the quantity used. Divide the amount required to refill by the area covered. The result will be your actual application rate. In necessary, adjust Cam-Gauge setting to increase or decrease amount being applied. Recheck. The following figures may help in your computations based on a field length of 80 rods (1320-Ft), or one-quarter mile.

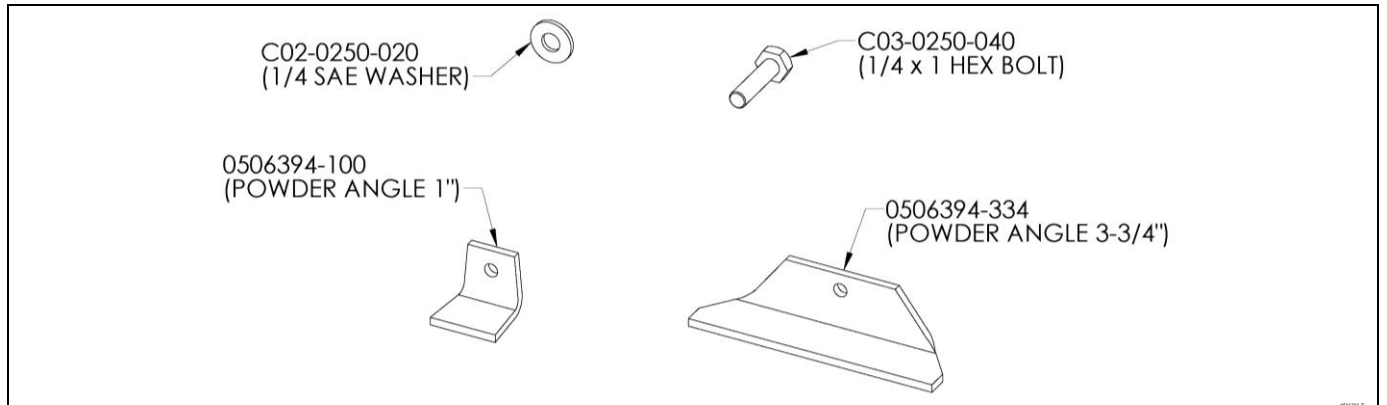
Your Spreader Width	Portion of Acre Covered in One Round
6-Ft	6-Ft or .38
8-Ft	8-Ft or .50
10-Ft	10-Ft or .63
12-Ft	12-Ft or .75

Powder Angle Packages for 10T Series Spreader

Standard with all Spreaders

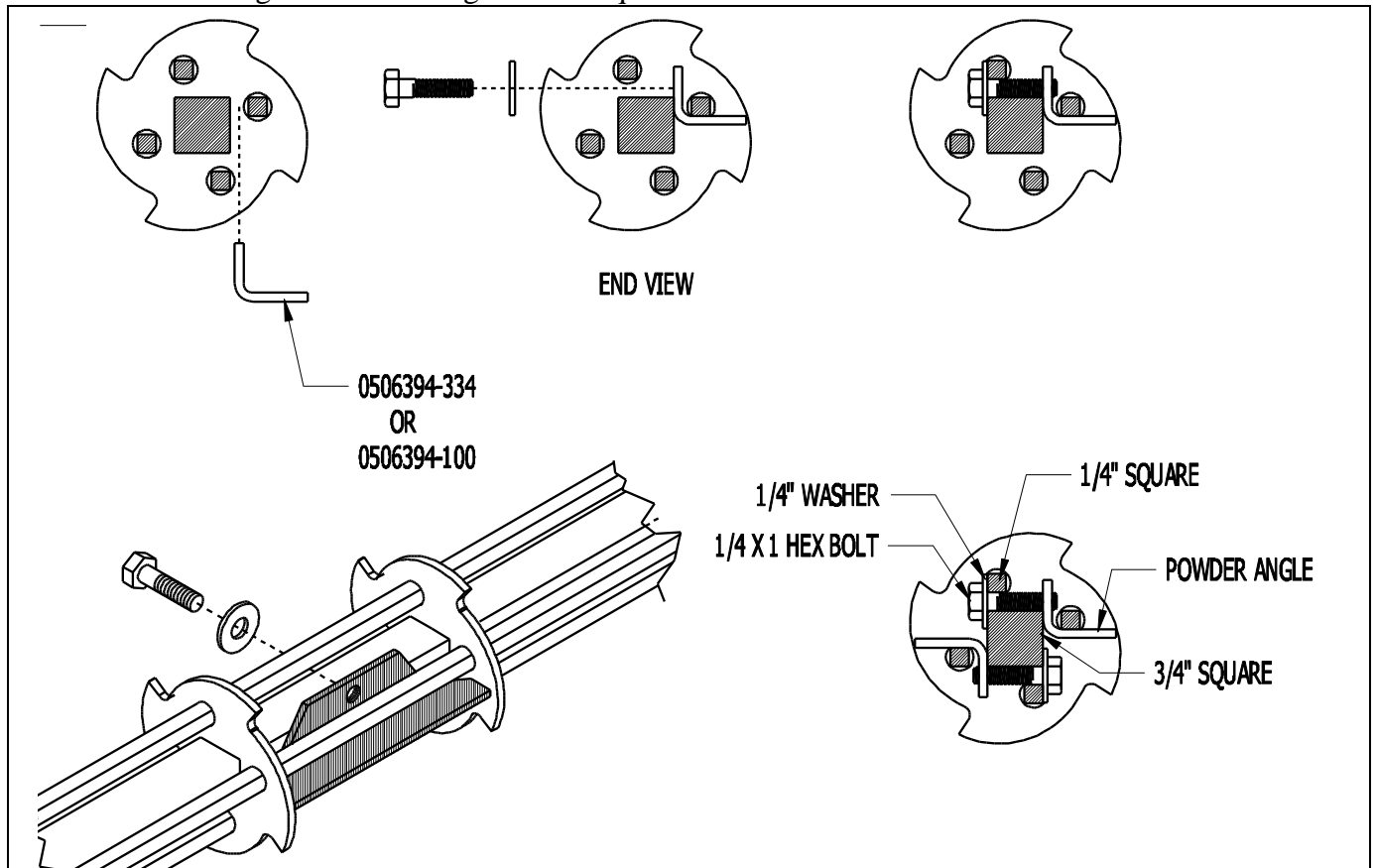
Powder Angles are recommended for powdery fine light materials. They are furnished with all "T" series spreaders.

Powder Angle Package #.	C02-0250-020 (1/4" SAE Washer)	C03-0250-040 (1/4 x 1 Hex Bolt)	0506394-100 (Powder Angle 1")	0506394-334 (Powder Angle 3-3/4")
0566394-T (6-Ft)	Qty-18	Qty-18	Qty-2	Qty-16
0586394-T (8-Ft)	Qty-24	Qty-24	Qty-2	Qty-22
05106394-T (10-ft)	Qty-30	Qty-30	Qty-2	Qty-28
06127694-T (12-Ft)	Qty-36	Qty-36	Qty-2	Qty-34



Install alternately UP and Down.

Draw hex bolt snug without bowing 1/4 inch square rod as shown below.



Standard Equipment on All Spreaders.

Powder Paint Coated Steel Hopper & Removable Bottom and Rate Control Slide.
 Cam-Gauge Controlled
 Shur-Feed Rotor Bars with Removable Stub Drives for Rotor Bars.
 Heavy Duty Grease Able Bearings
 Adjustable Spread-Plate
 Removable & Reversible Covers with Spill-Guards for Each Cover.
 Powder Angles Included.
 Hydraulic Shut-Off Cylinder. (Hydraulic Hoses Not included)
 Operator's Manual & Rate Charts & Assembly Instructions/Parts Lists.
 Rear Hitch Extension for Pulling Non-Ground Engaging Equipment.
 Optional Electric Shut-Off Ordered Separately.
 Optional Calibration Pans Ordered Separately.

Specifications (All Models)	6-Ft	8-Ft	10-Ft	12-Ft
Spreader Capacity (Lbs)	600	800	1000	1200
Spreader Length (in)	73	97	121	145
Spreader With (in)	14.5	14.5	14.5	14.5
Spreader Depth (in)	22.5	22.5	22.5	22.5
Bottom Opening Size (in)	1-1/2	1-1/2	1-1/2	1-1/2
Spacing of Openings (in)	4	4	4	4
Total Openings	18	24	30	36

Specifications: For Pull-Type & End Wheel Driven 3-Point Hutch Models Only

Wheel Hubs - Grease Able Designed for Low Speeds. (NOT for high speed towing)
 Ground Driven –Has three-position manual clutch, for in-gauged, dis-engaged and removal of stub drives.
 Hand Lever Manual Shut-Off Ships Only with Pull-Type Models.
 Optional 15" Wheel Packages:
 Standard Tire & Rim: 6.75 x 15 Rim, 6-ply Implement Rib Tire
 Flotation Tire & Rim: 11L15 Rim, 6-ply Flotation Tire
 Standard Tire Can Be Mounted Dished in or Dished Out for Different Widths.

Specifications	6-Ft	8-Ft	10-Ft	12-Ft
Ground Clearance to Bottom (in)	13	13	13	13
Ground Clearance to Spread-Plate (in)	6	6	6	6
Center to Center Standard Tire (in) Rims Dished In	86	110	134	158
Center to Center Standard Tire (in) Rims Dished Out	91	115	139	163
Over all Width Standard Tires (in) Rims Dished In	94	118	142	166
Over all Width Standard Tires (in) Rims Dished Out	99	123	147	171
Flotation Tire Over All Width	110	134	158	182

Specifications: For TBM Implement Mounted & 3-Pth Models

Hydraulic Drive – Ordered Separate
 OR
 Electric Drive – Ordered Separate



LIMITED WARRANTY

The Gandy Company warrants all material and workmanship on equipment delivered to be free of defects for a period of twelve months from date of original purchase. Products used on a commercial, rental or leased basis are warranted for 90 days. Any part or parts thought to be defective within these warranty periods are to be returned through your servicing dealer or distributor to the Gandy Company's plant. Distributor must receive authorization from Gandy Company to return items under warranty. An authorization number will be issued and must be clearly visible on all packages returned to the factory. If found defective by Gandy Company, replacement parts will be forwarded free of charge, prepaid. No service charge or expense on the equipment will be allowed unless such expense has been previously authorized in writing by the Gandy Company. Serial number and model of the unit involved is required by the Gandy Company on all warranty claims. Gandy Company policy is to improve products whenever it is practical to do so. It reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously. This warranty does not apply to products altered by users after the point of manufacture.

This warranty against defects in material and workmanship is in lieu of all other warranties, expressed or implied, and there are no other warranties of any kind whatsoever including, but not limited to, any implied warranty of merchantability or fitness for any particular purpose. In no event shall the company be liable for any incidental or consequential damages whether for breach of warranty, for breach or repudiation of any other term or condition hereof, or for negligence, on the basis of strict liability, or for any other reason.

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