Illustrated Parts & Packing List

528 Gandrud Road, Owatonna, MN 55060

For a complete distributor & dealer list go to www.gandy.net

09008961
Slotted Bottom Talc Applicator
Cam Gauge Controlled, 2.3 Cu. Ft. Capacity Poly Hopper
Five 1/2" x 1-1/4" Adjustable Slots
12-Volt Electric Motor Drive (1/64-Hp)
(All Parts & Hardware in Place Unless Otherwise Specified)

1 ..... 09008961 ..... Poly Hopper, Talc Slotted Bottom, 12-Volt Motor Drive

1 ..... M10-0001-110 ..... Hopper Body, Polyethylene, 2.3 Cu. Ft. Capacity
- Use: 1 Decal, Poly-ASB (N02-0001-070)
- 2 Decal, Rotating Parts Inside (N02-0001-108)

1 ..... M10-0001-115 ..... Cover, Silver Polyethylene
- Use: 2 Rubber Draw Latch & Keeper (M05-0000-008)
- 6 Ph. Rd. Head Stainless Screw (10-24 x 5/8) (C07-0187-080)

1 ..... 09099936-1 ..... Center Section, Slotted Bottom Housing
- Use: 1 Decal, Warning Never Place Fingers (N02-0057-000)

2 ..... 09099936-3 ..... End Plate, Slotted Bottom (L&R)
- Use: 12 Hex Bolt (1/4 x 1/2) (C03-0250-010)
- 12 Whiz Flange Nut (1/4) (C01-0250-030)

1 ..... 09099936-14 ..... Stop, Cam Gauge
- Use: 2 Carriage Bolt (3/16 x 1/2) (C04-0187-010)
- 2 Whiz Flange Nut (3/16) (C01-0187-030)

1 ..... 09008961-2 ..... Slotted Slide, High Rate, (5) 1/2" x 1-1/4" Adjustable Slots
- Use: 6 Lock Nut, Nylon (3/16) (C01-0187-040)
- 6 SAE Washer (3/16) (C02-0187-020)
- 6 Spring (09099936-12)

1 ..... 0906375 ..... Cam-Gauge
- Use: 2 SAE Washer (5/16) (C02-0312-020)
- 1 Wing Nut (5/16) (C01-0312-020)

6 ..... 090693 ..... Bearing, End (.625 I.D.)

2 ..... 09099936-4 ..... Bearing Retainer
- Use: 2 Wing Nut (5/16) (C01-0312-020)
- 8 SAE Washer (5/16) (C02-0312-020)

2 ..... 09099936-7 ..... Shaft (13-25/32 x 5/8 Round) (Use Fluted Agitators)
- Use: 2 Washer (.656 I.D.) (C02-0656-070)
- 2 Cotter Pin (3/16 x 1-1/4) (C20-0187-030)

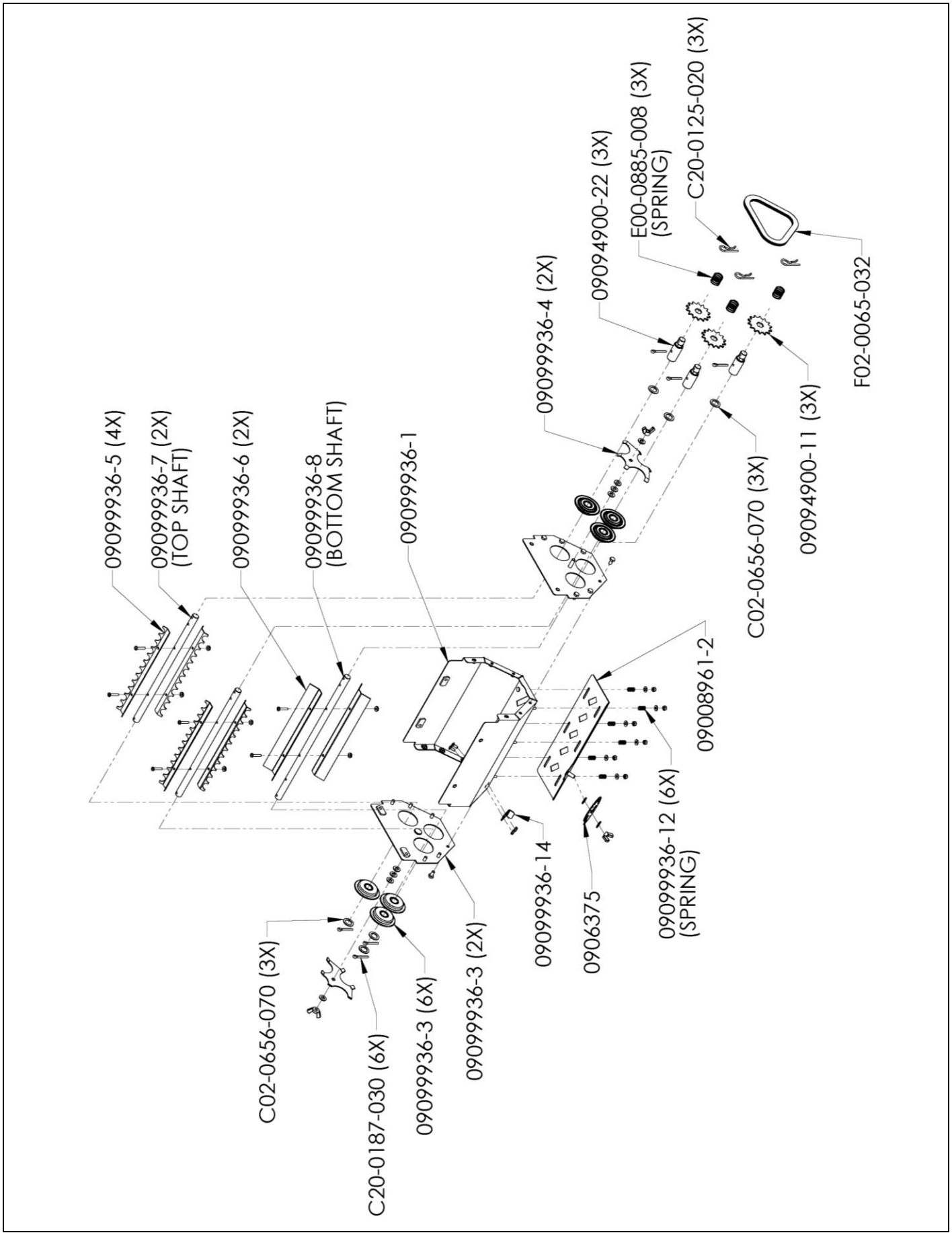
1 ..... 09099936-8 ..... Shaft (15-31/32 x 5/8 Round) (Use Solid Agitator)
- Use: 1 Washer (.656 I.D.) (C02-0656-070)
- 1 Cotter Pin (3/16 x 1-1/4) (C20-0187-030)

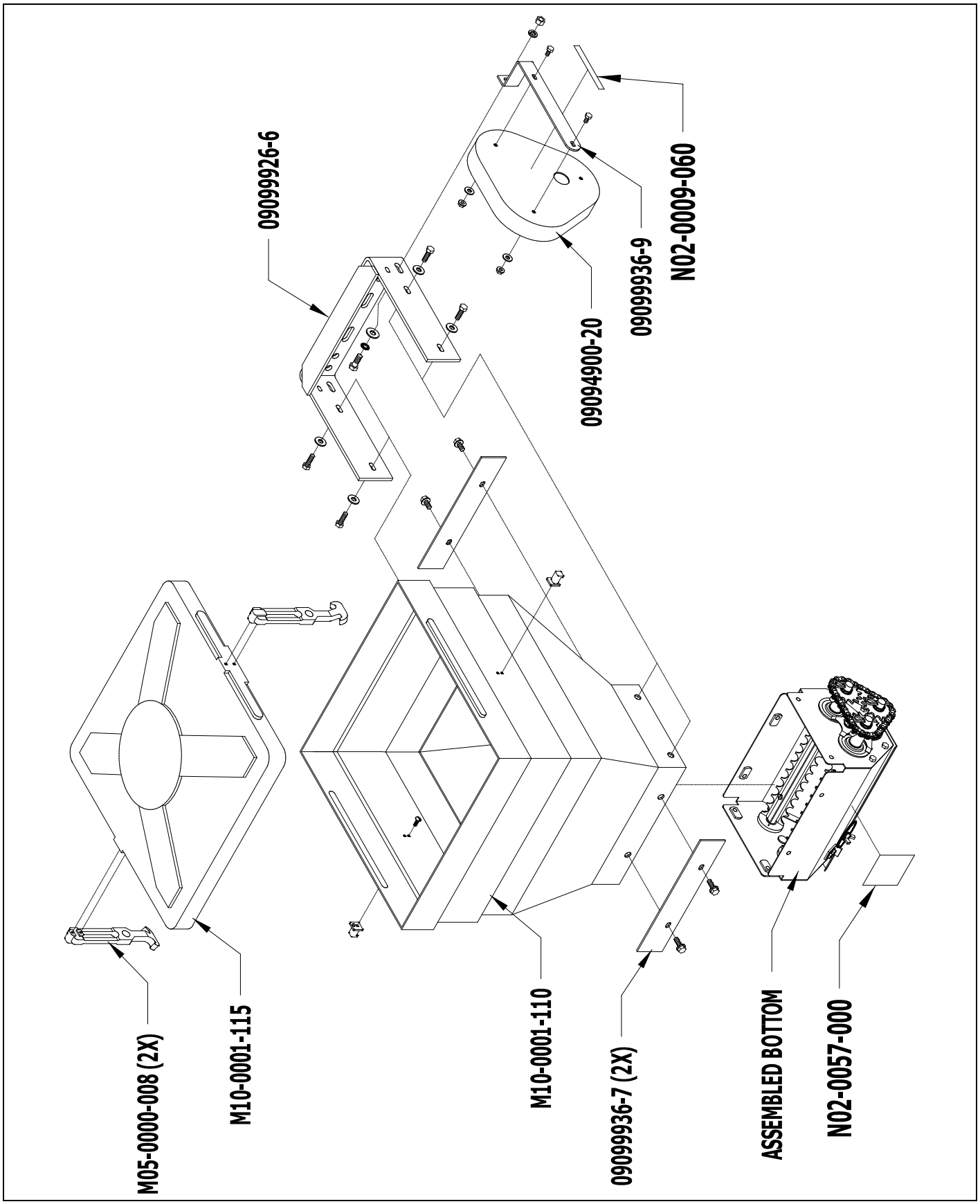
4 ..... 09099936-5 ..... Agitator, Fluted
Use: 4 Pan Head Screw (#10-24 x 1 Stainless) (C07-0187-111)
4 Whiz Flange Nut (3/16) (C01-0187-030)
2 ..... 09099936-6 ..... Agitator, Solid
Use: 2 Pan Head Screw (#10-24 x 1 Stainless) (C07-0187-111)
2 Whiz Flange Nut (3/16) (C01-0187-030)
3 ..... 09094900-22 ..... Shaft Connector (2-1/2 Long)
Use: 3 Washer (.656 I.D.)(C02-0656-070)
3 Cotter Pin (3/16 x 1-1/4) (C20-0187-030)
3 Spring (.055 Wire) (E00-0885-008)
3 Hairpin Cotter (1/8 x 1-15/16) (C21-0125-020)
3 ..... 09094900-11 ..... Sprocket 14-Tooth (5/8 Hex Bore)
1.33 Ft. ..... F02-0065-000 ..... Roller Chain #43 (32-Rollers)
Use: 1 Connector Link #43 (F02-0065-001)
1 ..... 09094900-20 ..... Chain Guard (Plastic)
1 ..... 09099936-9 ..... Chain Guard Bracket
Use: 1 Decal, Caution Chain Guard (N02-0009-060)
2 Hex Bolt (1/4 x 1/2) (C03-0250-010)
2 Wrought Washer (1/4) (C02-0250-020)
2 Whiz Flange Nut (1/4) (C01-0250-030)
1 Hex Bolt (3/8 x 1) (C03-0375-041)
1 Shake Proof Washer (3/8) (C02-0375-040)
1 Wrought Washer (3/8) (C02-0375-030)
1 Lock Washer (3/8) (C02-0375-010)
1 Hex Nut (3/8) (C01-0375-010)
2 ..... 09099926-7 ..... Bottom Support Plate
Use: 4 Whiz Flange Bolt (5/16 x 5/8) (C03-0312-021)
1 ..... 09099926-6 ..... U-Frame, Poly Hopper
Use: 2 Hex Bolt (5/16 x 1) (C03-0312-041)
2 Wrought Washers (5/16) (C02-0312-030)
1 ..... 09099926-8 ..... Motor Mount Bracket, Poly-Hopper
Use: 2 Hex Bolt (5/16 x 1-1/4) (C03-0312-050)
2 Wrought Washers (5/16) (C02-0312-030)
1 ..... 09071589-8 ..... Drive Sprocket 24-Tooth (2-3/4 Hub)
Use: 1 Cotter Pin (3/16 x 1-1/4) (C20-0187-030)
1 ..... 09075589-4 ..... Electric Motor Assembly, 12-Volt, 1/64 HP, 4 Amp
Use: 1 Super Flange Nut (1/4-24) (Replacement Part) (C01-0250-031)
1 Sprocket, 8-Tooth (Replacement Part) (G01-0008-010)
1 Decal, Electric Motor 12-Volt (N02-0009-050)
3 Pan Head Mach Screw (1/4-28 x 1/2) (C07-0250-070)
3 Shake Proof Washer (#1114) (C02-0250-040)
1 ..... 09077589-3 ..... Motor Mount, Electric Motor
Use: 2 Whiz Flange Nut (1/4) (C01-0250-030)-(Part of 09077589-3)
1 S-Hook (#63) (M11-0063-000)
1 Cable Tie w/ Eye (1/8 x 5) (L04-0002-000)
1 Decal, EM Caution (N02-0009-052)
2 Whiz Flange Bolt (5/16 x 5/8) (C03-0312-021)
2 Wrought Washer (5/16) (C02-0312-030)
2 Whiz Flange Nut (5/16) (C01-0312-030)
1 ..... F02-0065-051 ..... Roller Chain Endless (51-Link)
1 ..... 09099936-10 ..... Chain Guard, Slotted Bottom
Use: 1 Decal, Caution Chain Guard (N02-0009-060)

Continued on next page….

1 ..... 09099936-H ..... Hardware Bag Containing:

1 ..... C01-0164-040 ..... Kep Nut (#8-32)
1 ..... C07-0164-051 ..... Pan Head Machine Screw (#8-32 x 3/8)
1 ..... C20-0187-030 ..... Cotter Pin (3/16 x 1-1/4)
2 ..... L03-0003-000 ..... Molded Connector, 8-inch (Female End)
1 ..... L03-0003-040 ..... Molded Connector, 8-inch (Male End)
8 ..... L03-0005-000 ..... Wire Connector 18-14 Ga. Blue
1 ..... L05-0001-000 ..... Switch, Push/Pull
1 ..... 09071589-11 ..... Electric Wire Red, 8-Feet, w/Fork & Ring Terminal (Power Wire)
1 ..... 09073589-9 ..... Switch Mount Bracket
1 ..... 09082589-31 ..... Molded Connector, 8-inch w/Fork Terminals (Male End)
2 ..... 09084589-32 ..... Electric Rip Cord, Red/Brown (16 ga. x 11-Feet)


09099936-5 (4X)
09099936-7 (2X) (TOP SHAFT)
09099936-6 (2X)
09099936-8 (BOTTOM SHAFT)
09099936-1
09099936-4 (2X)
09094900-22 (3X)
E00-0885-008 (3X) (SPRING)
C20-0125-020 (3X)
F02-0065-032
09094900-11 (3X)
C02-0656-070 (3X)
09008961-2
09099936-12 (6X) (SPRING)
0906375
09099936-14
09099936-3 (2X)
09099936-3 (6X)
C20-0187-030 (6X)
C02-0656-070 (3X)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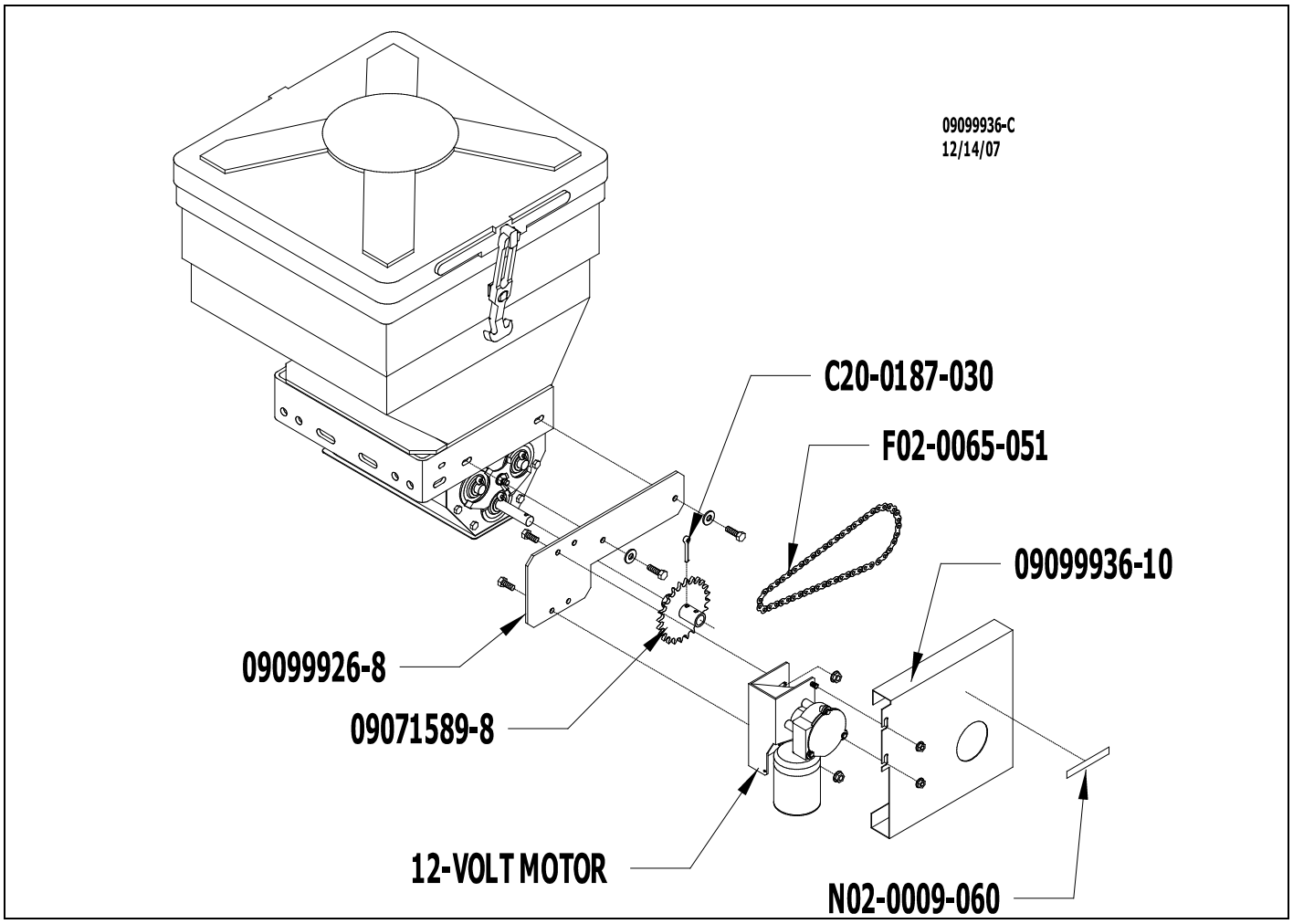
N02-0009-060
09099936-9
09094900-20
M05-0000-008 (2X)
M10-0001-115
M10-0001-110
09099936-7 (2X)
ASSEMBLED BOTTOM
N02-0057-000


09099936-C
12/14/07
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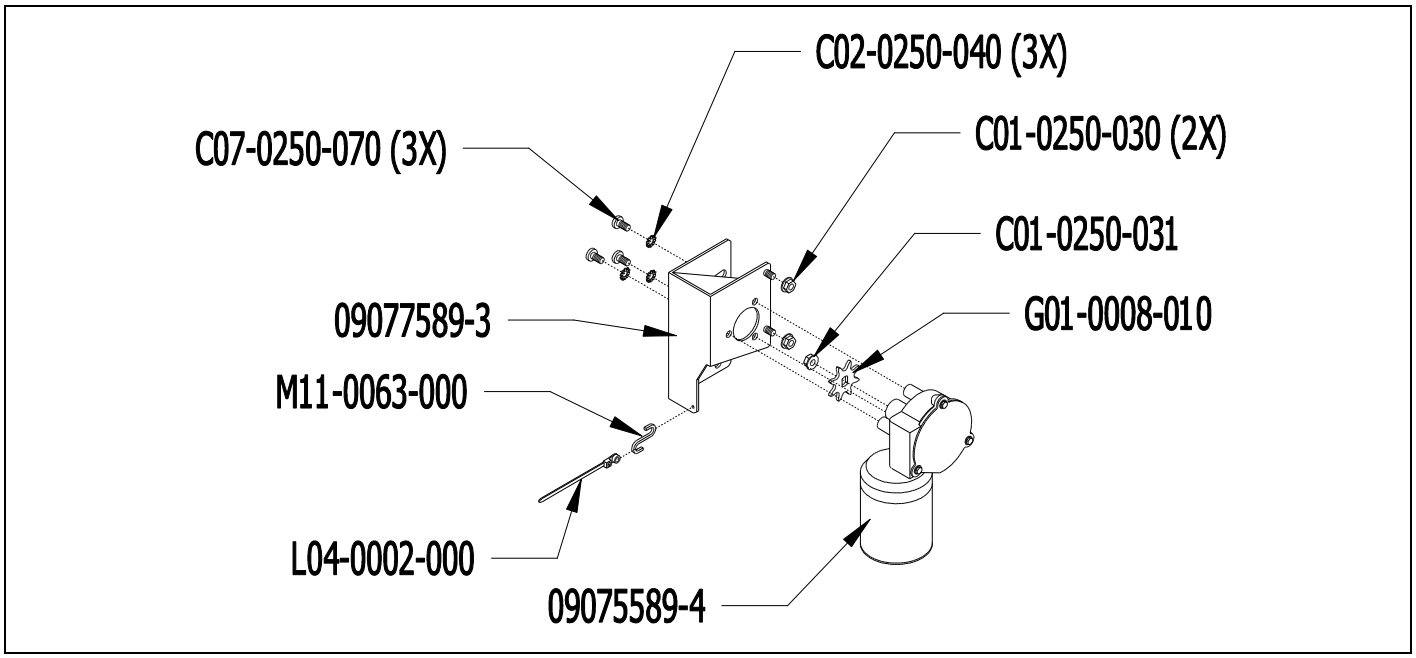
F02-0065-051
09099936-10
09099926-8
09071589-8
12-VOLT MOTOR
N02-0009-060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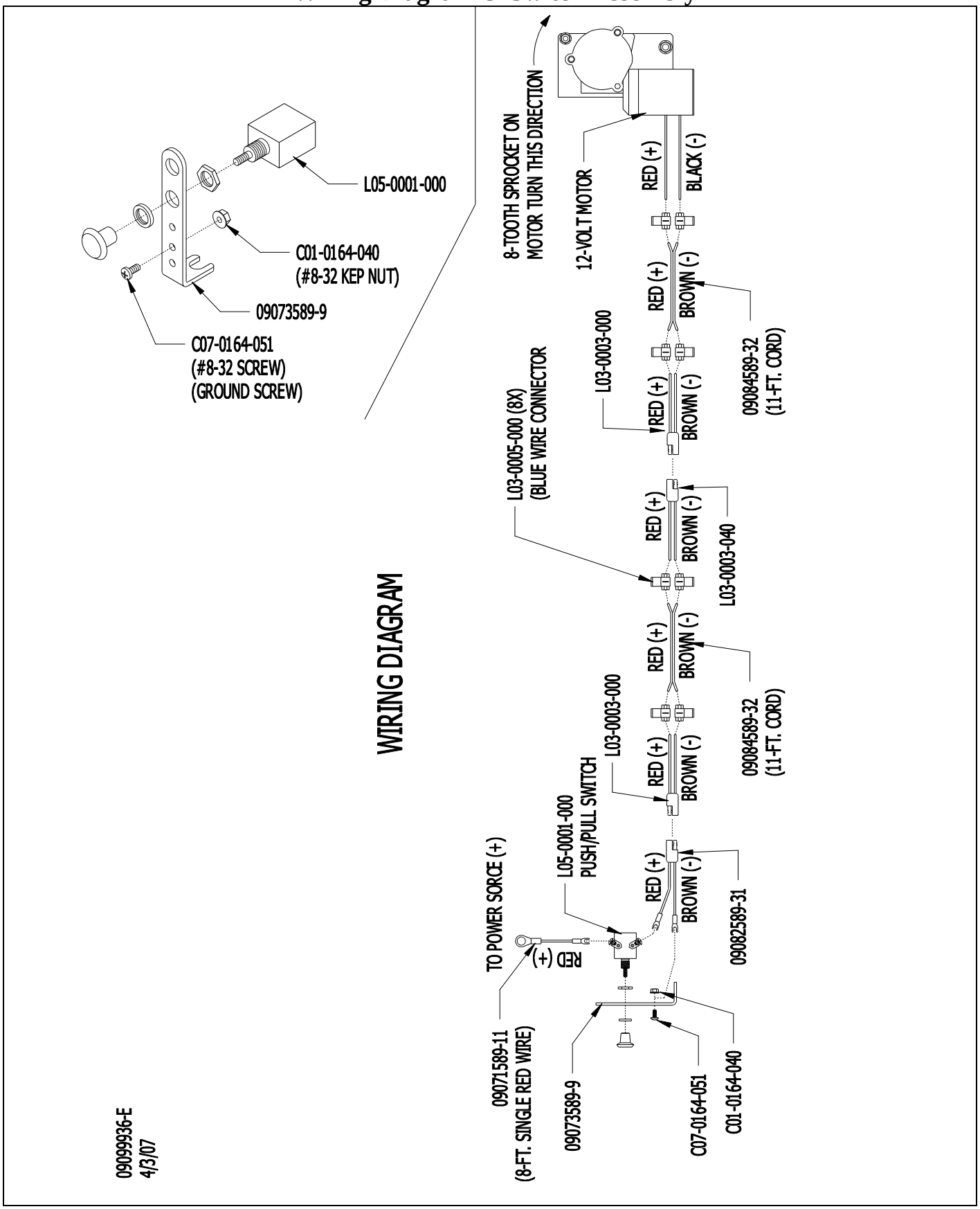
C07-0250-070 (3X)
C01-0250-030 (2X)
C01-0250-031
09077589-3
G01-0008-010
M11-0063-000
L04-0002-000
09075589-4

Wiring Diagram & Switch Assembly



Drawing: 09008961-A, 09099936-B, 09099936-C

Installation Instructions

1. Attach switch mounting bracket (09073589-9) to a convenient location in the tractor operator area.
   Note: Ground wire connects back to switch bracket to ground. Switch needs to make good metal to metal contact to achieve this or motor will not run. If a good ground cannot be achieved you can run a wire from the switch bracket back to the frame or negative terminal on the battery.

2. Attach large terminal end of 8-foot red wire (09071589-11) to desired power source, such as live terminal on ignition switch or battery. Be sure you have 12-volts of currant. Attach other end to either terminal of switch. (See Wiring Diagram)

3. String the wire from switch back to motor. Use ty-raps to keep wire in place.
   If you do not need the full length of wire, cut off excess to keep the drop in voltage to a minimum.

4. Check to see if sprocket on motor turns as shown in wiring diagram.

5. Be sure hoppers are clean and free of foreign objects before using.

Operating Instructions

1. Check to see if there are any foreign materials in the hopper.

2. Remove chemical at the end of each day so that you start with fresh material!
   If a "frozen" hopper is not freed-up, it will put more strain on the motor.

3. The adjustable slots are 1/2-inch wide at the maximum setting.
   Calibration is checked by timing the delivery by flow per minute.
   Some common peat-based products have been tested at a rate of about 5 pounds per minute at this maximum opening. After checking the flow rate at maximum, the slot may be narrowed using the cam gauge adjustment. How much the opening may be closed will depend on the flow characteristics of the individual product base. The user will have to determine the proper dispensing rate for the flow of seeds being inoculated.

General Information

IMPORTANT!
Road travel with hoppers filled can cause compaction of some chemicals.
This compaction can make it difficult for the motor to start.
Therefore, try to fill hoppers just before use at the field.

NOTE: The motor will run hot under normal load.
Under normal load with two hoppers, each motor will draw between 2 and 3 amps.
Under adverse conditions, the load will increase up to 5 amps. If the power usage increases about 5 amps, one or both of the following steps should be taken to reduce the power usage and prolong the life of the motor.

1. Check to see if there are any foreign materials in the hopper.
2. Check to see if that the bearings are clean and rotors turn freely.

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