

PLANTER PERFORMANCE SPRING CHECKLIST

PREPARE YOUR PLANTER FOR OPTIMUM PERFORMANCE

4000/4005 and 5000 Series Row Unit



KINZE
TRUE. BLUE. Advantage.

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Refer to applicable Operator & Parts Manual for planter specific maintenance and parts information.

SAFETY

- Warning Lights..... operate correctly
- SMV Sign..... visible and reflective
- Safety Warning Signs.....condition/clean
- Reflectors/Reflective Decals condition/clean

HITCH & TONGUE

- Clevis..... wear
- Hitch.....level during operation
- Safety Chain.....correctly routed and attached
- Tongue Wear Pads..... wear/adjustment
- Hardware..... tight

PTO PUMPS & MOUNT

- Gear Pump & Variable Displacement Pump**
- Alignment..... verify/adjust
- Chain..... verify/adjust
- Hoses.....routing/retention/wear
- Coupler..... inspect/lubricate
- Oil level..... verify/fill

FRAME & TRANSPORT SYSTEMS

- Frame**
- Welds/Structural Members...cracks and failure
- Hardware..... tight
- Hydraulic System..... leaks and damage
- Wing and Transport Tires..... pressure
- Wing Hinge and Pivot.....wear and damage

Row Markers

- Disc Blades..... wear
- Bearings..... wear/failure
- Stand..... adjustment and pad wear
- Mounting Hardware..... tight
- Operating Speed.....verify and adjust
- Chain.....tightness

Transport System

- Safety Latch..... inspect operation/adjust
- Wheel Bearings.....grease
- Mud Scrapers..... adjust
- Lug Nuts/Bolts and Spindle Bolts.....torque
- Center Post Wear Pads...hardware/adjustment
- Cam Follower.....adjustment
- Toolbar Height.....confirm
3000/3005 20 to 22"; 4000/4005/5000 24"
- Lubrication.....refer to manual

PARTS NEEDED

DRIVES

- Wheel Modules.....wear/lubrication
- Contact Drive Chains.....wear/lubrication
- Sprockets.....wear/alignment
- Idlers..... tension/alignment
- Transmissions/shafts/chains...wear/lubrication
- Shear Pins.....replenish
- Point Row Clutches..... operation
- Contact Drive Tires..... pressure

ELECTRICAL & SEED MONITOR

- Wiring Harnesses**
- Routing.....secure as needed
- Cables and Connections.....damage/corrosion
- Control Console Functions..... verify operation
- Sensors (Electronic Seed Monitor)
- Magnetic/Radar Distance Sensorsoperation/damage
- Seed Tube Sensors..... operation/damage
- Shaft Rotation Sensors..... operation/damage

FERTILIZER EQUIPMENT

- Diaphragm Pump**
- Oil level.....check/replace
- Diaphragms.....condition

Piston Pump

- Case/Hose Connections.....condition
- Oil Level..... check/replenish
- Drive Chain and Tires..... condition/lubrication

Hoppers, Tanks, and Delivery Hoses

- Hoppers..... condition/lubrication
- Tanks and Valves.....condition
- Hoses.....condition/attachment
- Drive Chain.....alignment/lubrication
- Flow Switch.....condition/clean
- Filters.....clean

Openers

- Bearings..... wear/failure
- Disc Blade..... wear
- Scrapers and Knives.....condition/adjust
- Drop Tube.....condition/adjust

PARTS NEEDED

ROW UNITS

General

Mounting Plate and U-bolts tight
Parallel Arms/Bushings/Hardware . wear/damage
Down Pressure System missing/damage
Row Unit Shank condition

Double Disc Openers

Disc Blade replace if 14½” or less
Blade Contact shim adjustment
Bearings wear/failure

Gauge Wheels

Tires wear/damage
Wheel Arms wear/damage
Wheel-to-Blade Contact adjustment
Bearings wear/failure
Depth Adjustment inspect/adjust
Lubrication refer to manual

No-Till Coulters/Attachments

Depth align/adjust
Disc Blade replace if 14½” or less
Bearings wear/failure
Residue Wheels and Bearings condition

Seed Hopper

Hopper and Lid wear/damage
Seed Hopper Latch adjust
Clutch meter drive alignment/lubrication
Chain Idler tension/alignment

Granular Chemical

Hopper and Lid wear/damage
Meter roller/gate/bushings
Clutch alignment
Chain tension/alignment/lubrication
Tubes and Banders condition

Closing Wheels

Tires and Wheels wear/damage
Hardware tighten
Bearings wear/failure
Springs missing/damage
Bushing and Eccentrics alignment

PARTS NEEDED

SEED METERS

True Speed High Speed Meter

Vac Seals wear/damage
Seed disc clean/wear
Ejector wheel clean and/or replace
Singulator clean and/or replace
Brush frayed, damaged or missing bristles
Brush wheel. frayed, damaged or missing bristles
Comb wear/damage
Belt flighting . . bent, damaged or missing bristles
Belt tensioning . . check tension (self-tensioning)
Idler Pulley wear/failure

True Rate Vacuum Seed Meter

Singulator clean and/or replace
Vacuum Seal wear/damage
Seed Discs clean/wear
Debris Ejector clean and/or replace
Stepper Motor Drive Gear inspect/replace

Finger Pickup Meter

Meter clean
Belt, Brush and Carrier Plate wear
Finger Assembly rust/wear/damage
Rolling Torque should be 22–25 in/Lbs
Seed Baffle wear/damage

Brush-Type Seed Meter & Brush-Type Seed Meter 2.0

Meter clean
Brushes frayed, damaged or missing bristles
Seed Disc wear
Wear Band groove/wear

DISPLAY/MONITOR

kinze.com/firmware
Blue Vantage software updated
AgLeader InCommand software updated
KPM III software updated

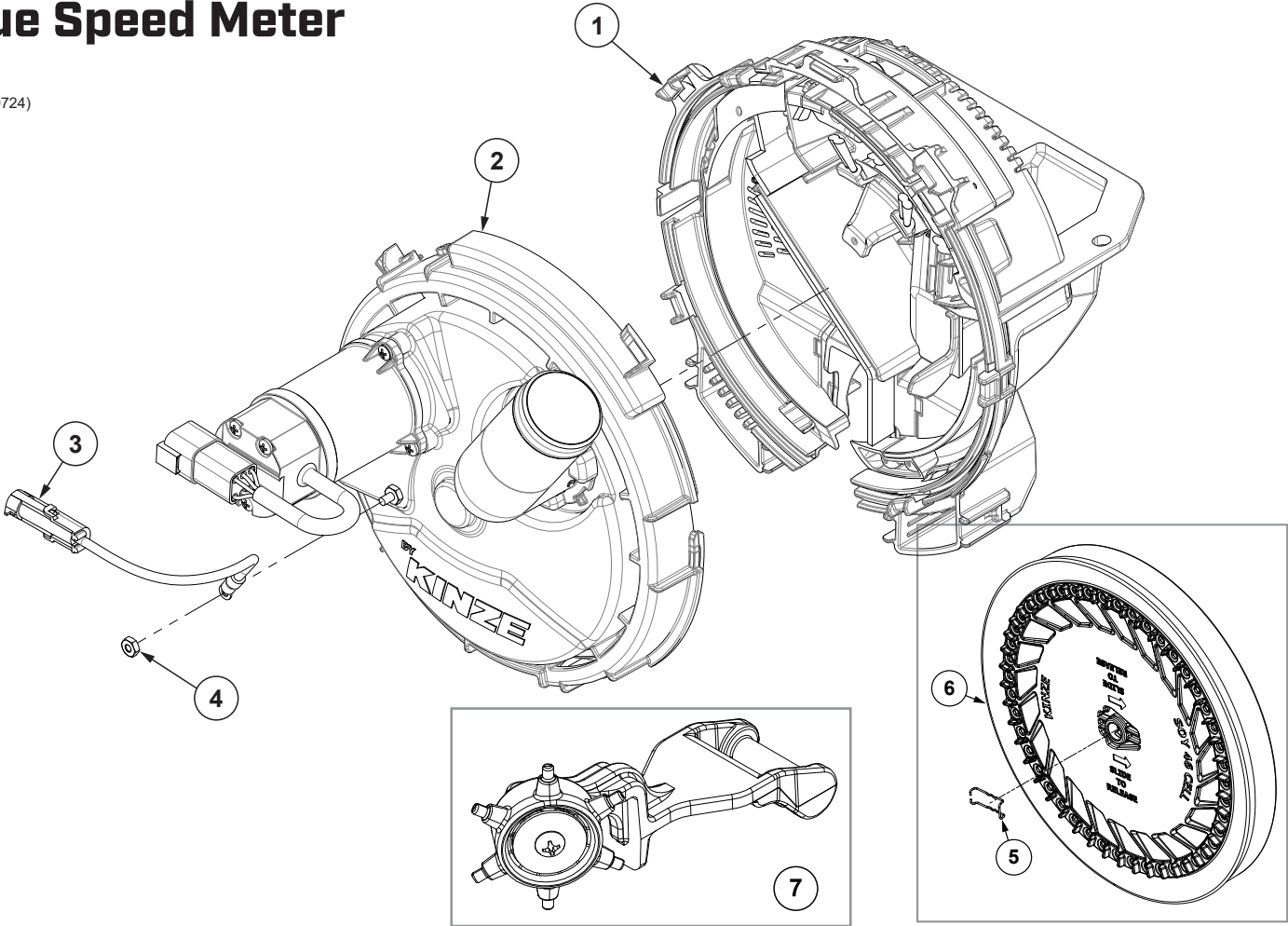
OTHER ATTACHMENTS

Yetter system check function/air leaks

PARTS NEEDED

True Speed Meter

(109724)

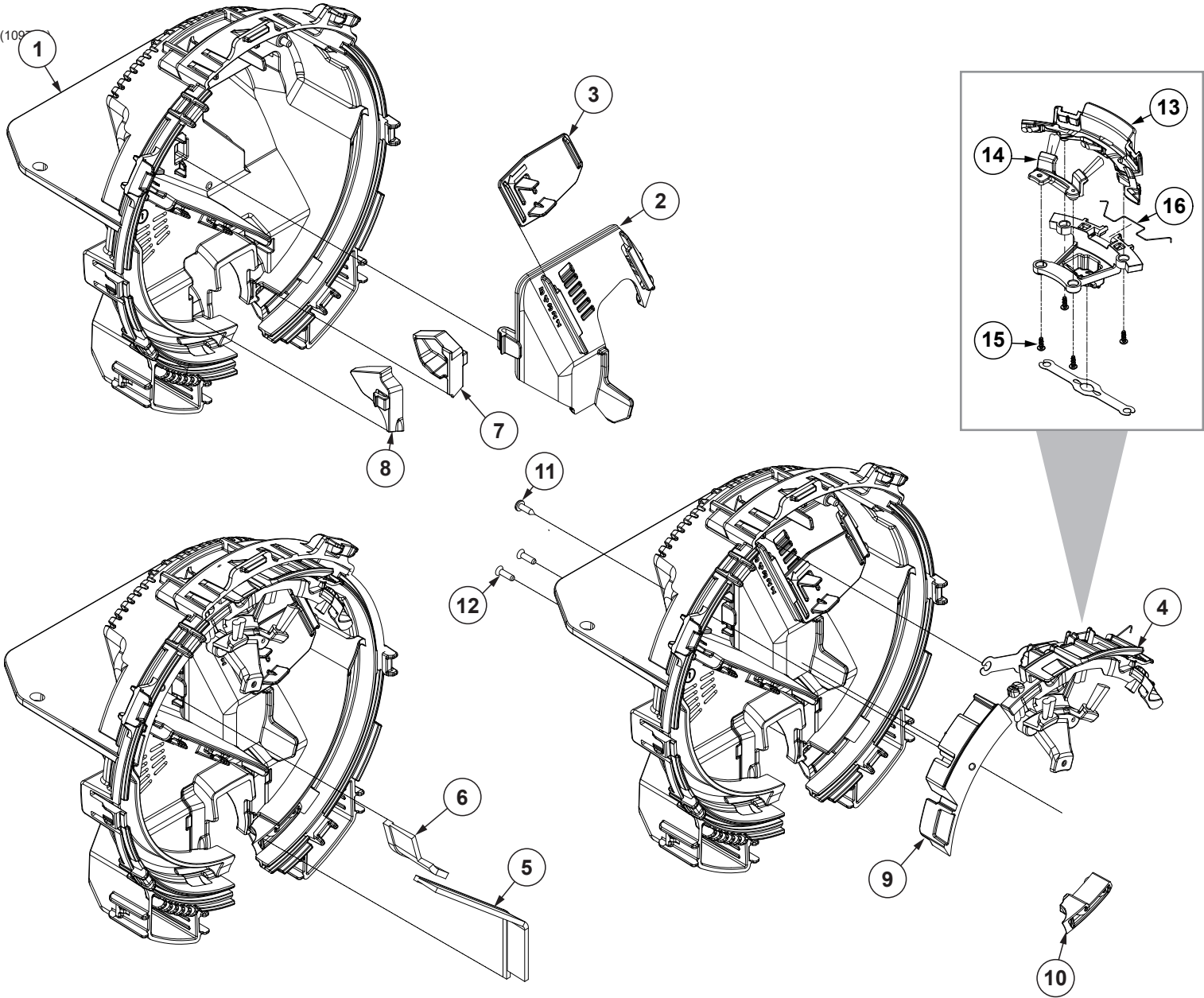


ITEM	PART NO.	QTY.	DESCRIPTION
1	---		See "True Speed Meter Housing"
2	---		See "True Speed Meter Cover"
3	G10213501		True Speed ESD Ground Strap Harness
4	G10928		Hex Nut, No. 8-32, Stainless Steel
5	G10318701		Seed Disc Retention Clip (Included W/Item 6)
6	G10892X G10894X G10893X G10992X G10860X G11124X		Seed Disc, Corn, 32 Cell (Light Blue Color-Coded) and Ejector Assembly Seed Disc, Soybean, 46 Cell (Black Color-Coded) and Ejector Assembly Seed Disc, Soybean, 92 Cell (Black Color-Coded) and Ejector Assembly Seed Disc, Cotton, 46 Cell (Green Color-Coded) and Ejector Assembly Seed Disc, Sugar Beets/Milo, 46 Cell (Orange Color-Coded) and Ejector Assembly Seed Disc, Sunflower, 23 Cell (Yellow Color-Coded) and Ejector Assembly
7	G10177501 G10177701 G10177601 GA27002 GA27023 G10618501		Ejector Assembly, 32 Cell Corn (Included W/G10892X) Ejector Assembly, 46 Cell Soybean (Included W/G10894X) Ejector Assembly, 92 Cell Soybean (Included W/G10893X) Ejector Assembly, 46 Cell Cotton (Included W/G10992X) Ejector Assembly, 46 Cell Sugar Beets (Included W/G10860X) Ejector Assembly, 23 Cell Sunflower (Included W/G11124X)
A	G11400X		True Speed Meter W/Driver Assembly, Items 1-4

True Speed Meter Wear Life Expectancy

Item	Life Expectancy
Singulator	500 acres per row
Seed Disc	1,000 acres per row
Ejector Wheel	500 acres per row
Brush Wheel	500 acres per row

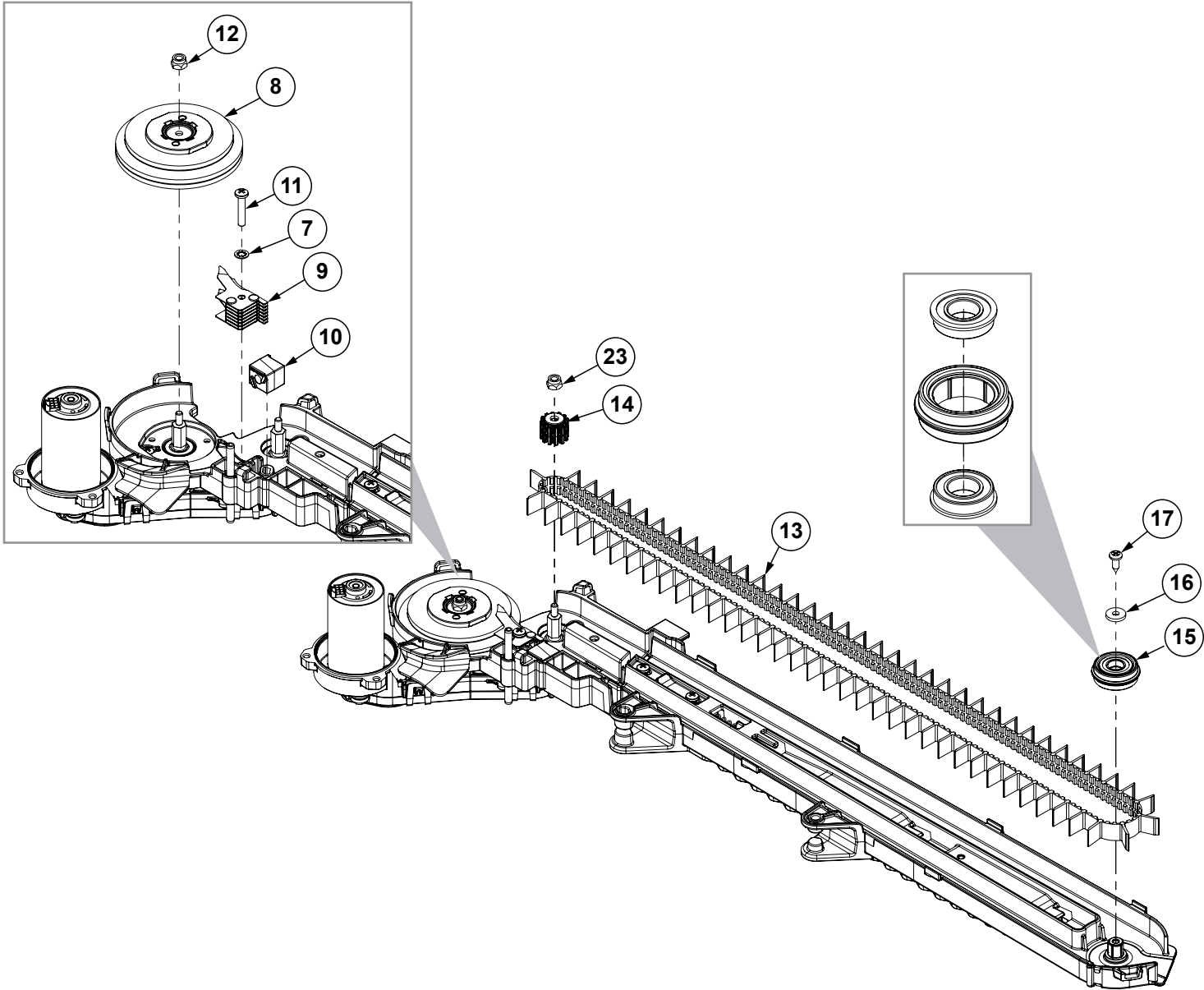
True Speed Meter Housing



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10208401		Meter Housing
2	GB1275		Meter Baffle
3	GB1276		Door Baffle
4	GA27013		Singulator Assembly (Includes Items 13-14)
5	GD36954		Meter Wall Brush, Large
6	G10459801		Meter Wall Brush, Small
7	GB1307		Meter Housing Plug
8	GB1306		Meter Housing Plug
9	G10153101		Upper Seed Relief Insert
10	G10949902		Lower Seed Relief Insert
11	G11556		Phillips Pan Head Tapping Screw, 6-19 x ½"
12	G10181201		Phillips Pan Head Tapping Screw, No. 6-19 x ½"
13	GA27015		Outer Singulator Brush (Included W/Item 4)
14	GA27014		Inner Singulator Brush (Included W/Item 4)
15	G11619		Phillips Pan Head Tapping Screw, No. 6-19 x ⅜"
16	G10320201		Singulator Spring

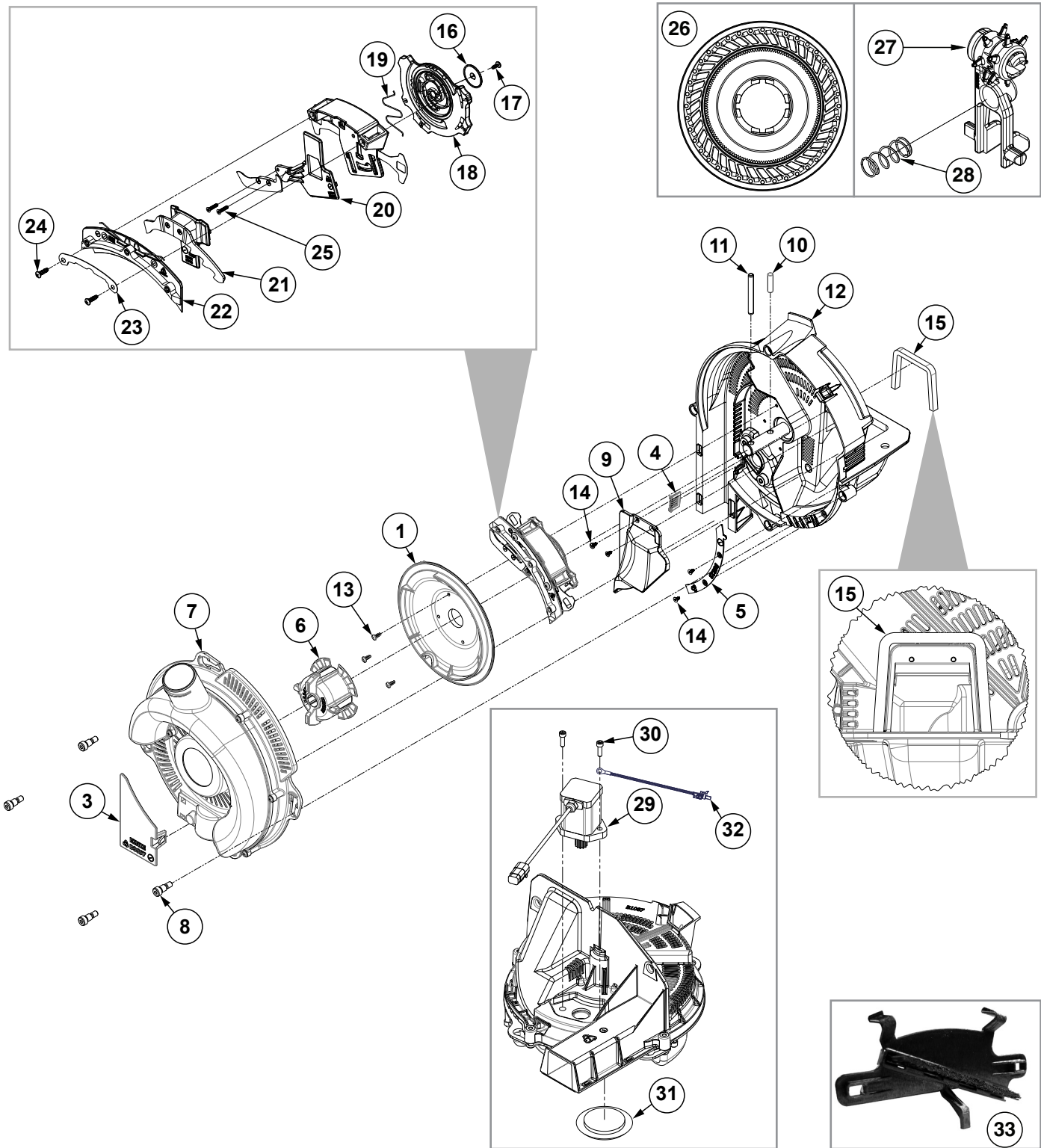
True Speed Meter Delivery System Assembly

(A27001)



ITEM	PART NO.	QTY.	DESCRIPTION
7	G11995		Internal Tooth Washer, No. 8, Stainless Steel
8	GA27005		Brush Wheel Assembly
9	GA27004		Brush Wheel Comb Assembly
10	GB1257		Seed Relief Scrubber
11	G10425701		Phillips Pan Head Machine Screw, No. 8-32 x ¾", Black Oxide
12	G11202		Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel
13	GB1256		Seed Delivery Belt
14	G10218301		Belt Drive Sprocket
15	GA27134		Seed Delivery Idler Pulley Assembly
	GB1255		Seed Deliver Idler Pulley (Included W/GA27134)
16	G10425501		Washer, 12 MM O.D. x 4.3MM I.D. x 1MM
17	G10425401		Phillips Flat Head Tapping Screw, No. 8-18 x ½"
23	G11729		Hex Lock Nut, No. 6-32

True Rate Vacuum Seed Meter



Vacuum Meter Wear Life Expectancy

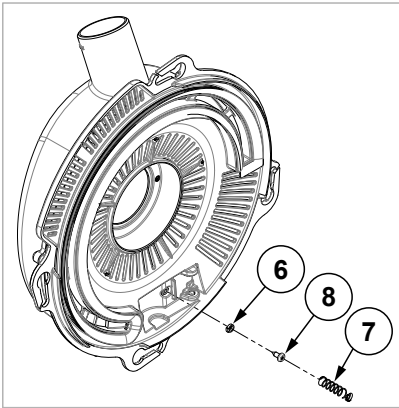
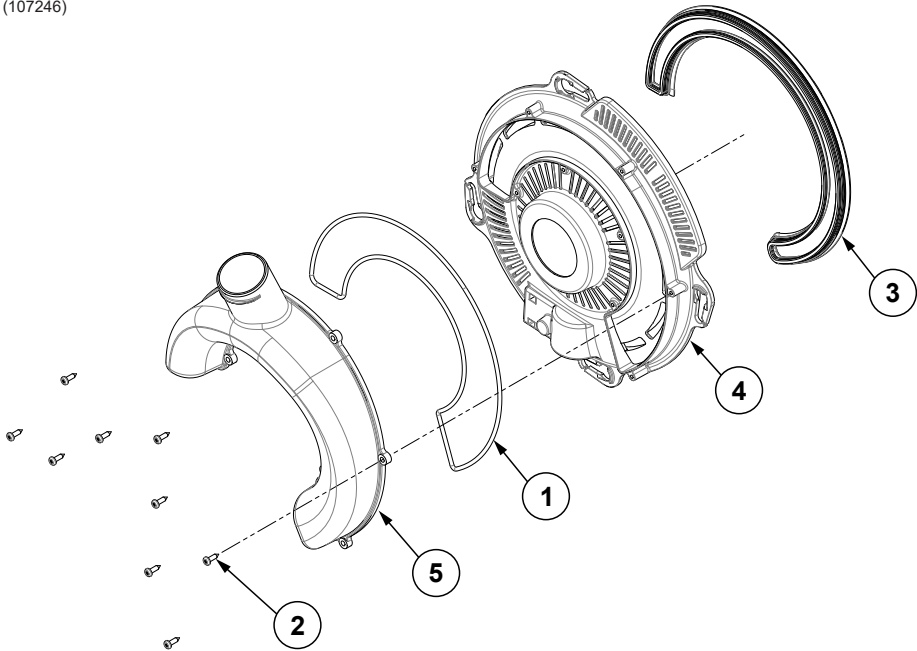
Item	Life Expectancy
Singulator	600-900 acres per row
Seed Disc	600-900 acres per row
Seal	600-900 acres per row
Ejector	250-500 acres per row

True Rate Vacuum Seed Meter (cont'd)

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10950601		Shield
2	---		---
3	GB0697		Chute Cover
4	GB0780		Brush
5	GB0823		Baffle
6	GB1147		Disc Hub
7	---		See "True Rate Meter Cover Assembly"
8	G11172		Hex Socket Head Shoulder Screw, ¼"-20 x ¾", Stainless Steel
9	G10950501		True Rate Baffle
10	G11448		Pin, ¼" x 1"
11	G10475		Spring Pin, ¼" x 2¼"
12	G10958801 GA16701		Meter Housing W/Bearing Bearing (Included W/G10958801)
13	G11965		Torx Pan Head Tapping Screw, No. 6-19 x ⅜"
14	G11618		Torx Flat Head Tapping Screw, No. 6-19 x ¼"
15	GD34774		Meter Gasket
16	GB0810		Singulator Adjustor Retainer
17	G11517		Phillips Pan Head Tapping Screw, 6-19 x ⅝"
18	GB0957		Singulator Adjustor
19	GD26960		Wire Form Spring
20	GB0921		Lower Blade
21	GB0958		Outer Blade
22	GA24676		Singulator Guide Assembly
23	GD29657		Retainer
24	G11578		Phillips Pan Head Tapping Screw, No. 8-18 x ½"
25	G11693		Torx Flat Head Machine Screw, No. 4-40 x ½"
26	G11152X G11047X G11154X G11153X G11105X G11106X G11107X GB1237 GB1231 G11048X G11042X G11332X		Seed Disc, Corn (40 Cell) Light Blue Color-Coded, Ejector Wheel, and Spring Seed Disc, Soybean (120 Cell) Black Color-Coded, Ejector Wheel, and Spring Seed Disc, Sugar Beets/Milo, Dark Orange Color-Coded, Ejector Wheel, and Spring Seed Disc, Sunflower (40 Cell) Gray Color-Coded, Ejector Wheel, and Spring Seed Disc, Cotton (60 Cell) Green Color-Coded, Ejector Wheel, and Spring Seed Disc, Black Turtle, Navy Edible Bean and Popcorn (60 Cell) Brown Color-Coded, Ejector Wheel, and Spring Seed Disc, Pinto, Great Northern Edible Beans, and Soybean (60 Cell) Dark Blue Color Coded, Ejector Wheel, and Spring Anti-Static Blank Seed Disc Blank Seed Disc Seed Disc, Soybean (60 Cell) Black Color-Coded Seed Disc, Wheat (54 Cell) Purple Color-Coded Seed Disc, Wheat (231 Cell) Red Color-Coded, Ejector Wheel, Spring, and Wheat Brush Singulator (Item 42)
27	G10665101 G10483401 G10665001 G10664901 G10614301 G10483201 GA26989 G10936101		Ejector Arm, Corn Ejector Arm, Soybean (120 Cell) Ejector Arm, Sunflower Ejector Arm, Beets/Milo Ejector Arm, Black Turtle, Navy, Pinto, Great Northern Edible Bean, Popcorn Ejector Arm, Soybean (60 Cell) Ejector Arm, Wheat (54 Cell) Ejector Arm, Wheat (231 Cell)
28	G10483101		Compression Spring
29	G10494201		Meter Stepper Motor
30	G11588		Hex Socket Head Cap Screw, No. 10-24 x ⅝"
31	GD29425		Dust Cap
32	GA20711		Seed Meter Motor ESD Drain Harness
33	G10983301 G10983101 G10983201		Wheat Brush Singulator Assembly Wheat Brush Mount (Included W/G10983301) Brush (Included W/G10983301)

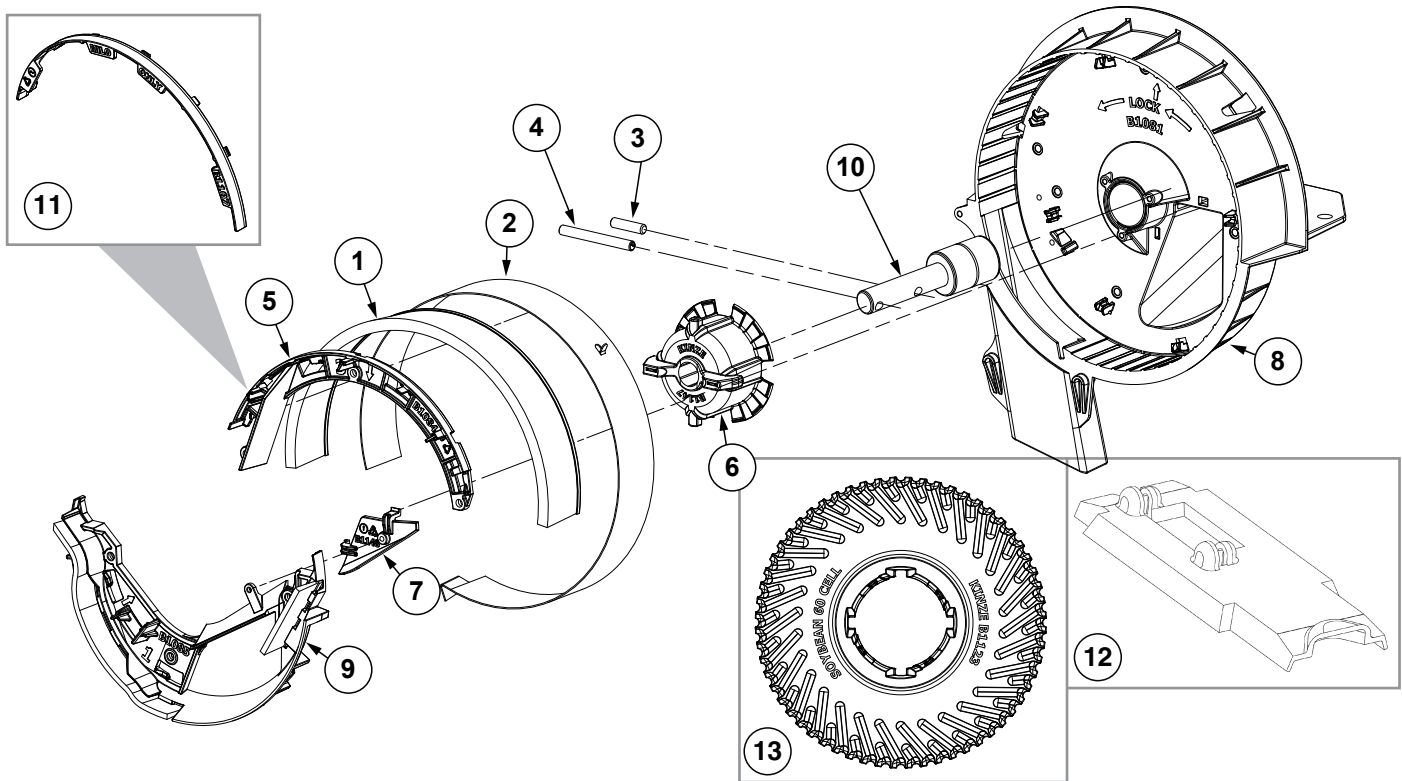
True Rate Vacuum Meter Cover Assembly

(107246)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD26593		Gasket Housing
2	G11556		Phillips Pan Head Tapping Screw, 6-19 x 1/2"
3	GB0676		Lip Seal
4	GB0920		Cover
5	G11061301		Vacuum Inlet, True Rate
6	GB0907		Retainer Spring
7	G10483101		Ejector Spring
8	G11619		Phillips Pan Head Tapping Screw, No. 6-19 x 3/8"

Brush-Type Seed Meter 2.0

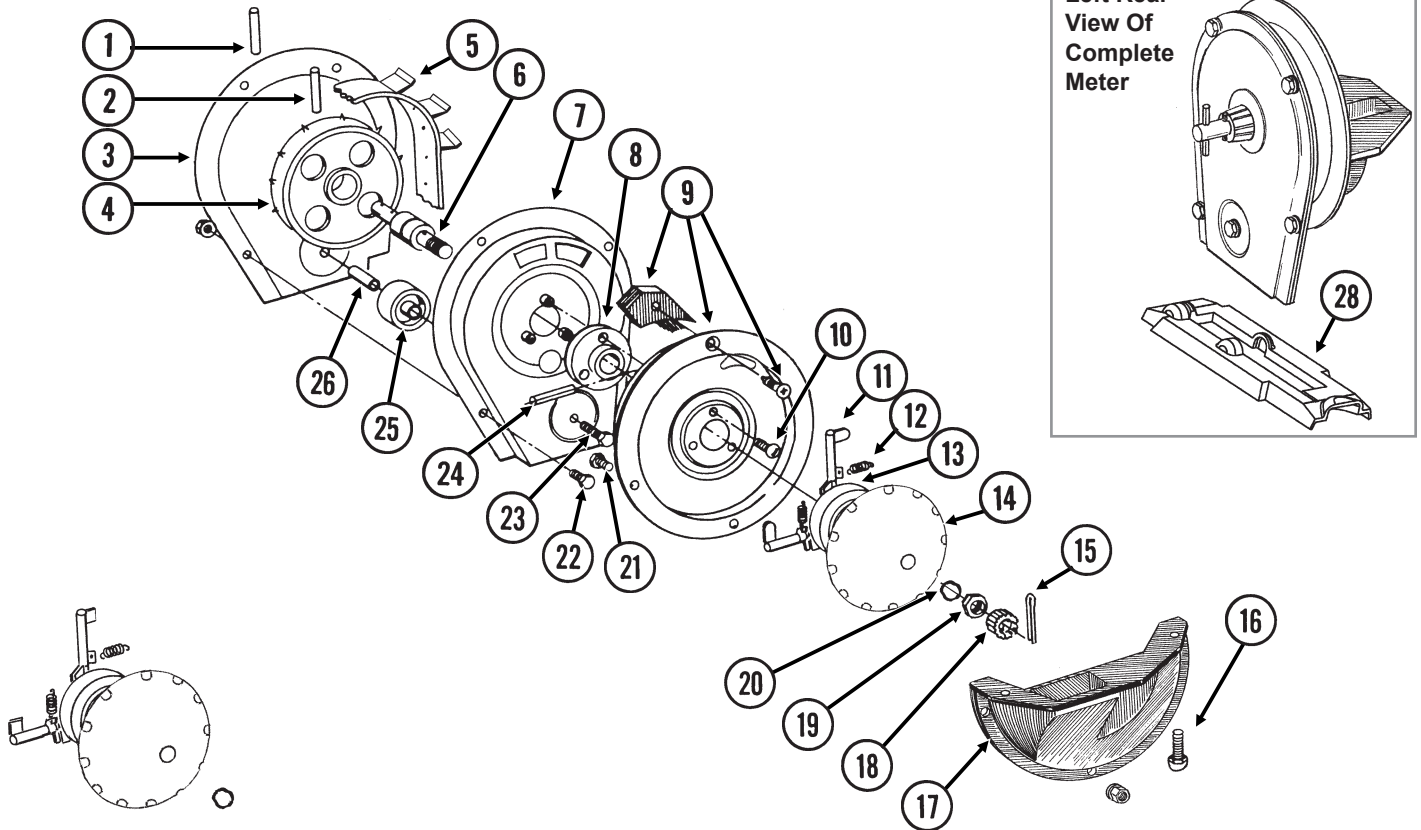


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA5699		Upper Brush
2	GD8778		Wear Strip
3	G11448		Pin, ¼" x 1"
4	G10475		Spring Pin, ¼" x 2¼"
5	GB1084		Upper Brush Retainer (Used W/Soybean and Wheat Discs)
6	GB1147		Disc Hub
7	GB1148		Lower Retainer Wall
8	GB1081		Brush Meter Housing
9	GA24956		Lower Brush Retainer Assembly
	GB1085		Lower Brush Retainer (Included W/GA24956)
	GD34021-02		Brush, 6" (Included W/GA24956)
	GD35784-01		Brush, 2" (Included W/GA24956)
10	GA5698		Bearing
11	GB1107		Upper Brush Retainer (Used W/Milo/Grain Sorghum Discs)
12	GD15699		Shank Cover, Brush-Type Seed Meter
13	GB1123		Seed Disc, Soybean, 60 Cell, Black Color-Coded
	GB1171		Seed Disc, Soybean, 54 Cell, Dark Gray Color-Coded
	GB1124		Seed Disc, Soybean, 48 Cell, Dark Blue Color-Coded
	GB1130		Seed Disc, Small Milo/Grain Sorghum, 30 Cell, Orange Color-Coded
	GB1131		Seed Disc, Large Milo/Grain Sorghum, 30 Cell, Light Blue Color-Coded
	GB1132		Seed Disc, High Rate Small Milo/Grain Sorghum, 60 Cell, Red Color-Coded
	GB1133		Seed Disc, High Rate Large Milo/Grain Sorghum, 60 Cell, Yellow Color-Coded
	GB1134		Seed Disc, Wheat, 54 Cell, Purple Color-Coded
A	700-01339	-	Brush Meter 2.0 (Items 1-11)

Brush Meter Wear Life Expectancy

Item	Life Expectancy
Seed Disc	100-200 acres per row
Upper Brush	120-400 acres per row
Lower Brush	240-800 acres per row
Stainless Steel Wear Band	240-800 acres per row

Finger Pickup Seed Meter



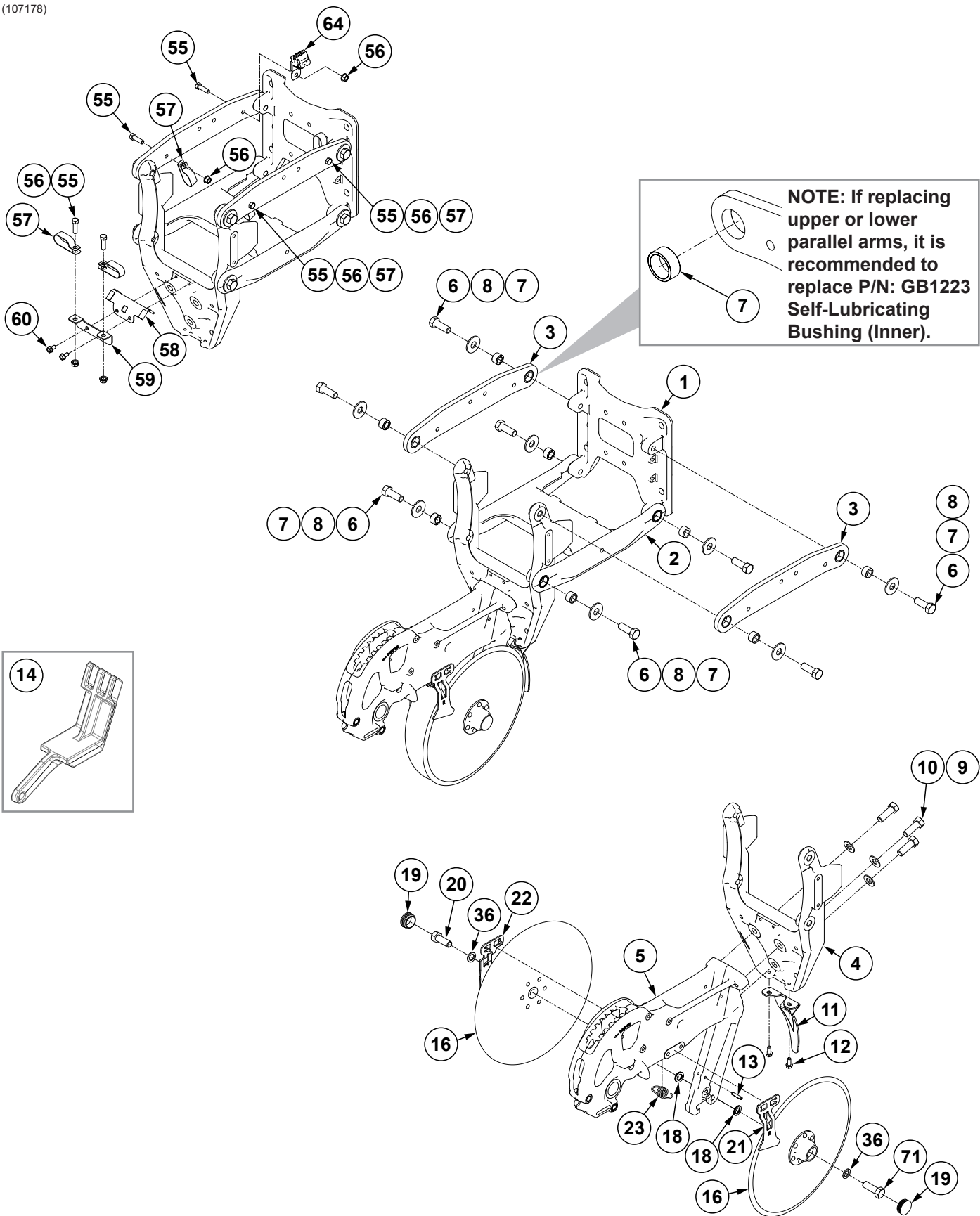
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10602		Spring Pin, ¼" x 1½"
2	G10604		Spring Pin, ⅜" x 1½"
3	G10429301		Housing Cover
4	GD1041		Belt Drive Sprocket
5	GD11286		Seed Belt
6	GA2019		Bearing
7	G10429101		Conveyor Housing
8	GB0110		Bearing Housing
9	GR1569		Carrier Plate W/Brush and Screw (Corn)
	GR0664		Carrier Plate W/Brush and Screw (Sunflower)
	GA2020		Brush
	G10690		Rolling Thread Screw, No. 10 x ¾"
10	G10401		Slotted Hex Washer Head Screw, No. 10-32 x ⅝"
11	GD18704		Finger, Corn
12	GD19790		Spring
13	GB0410		Cam
14	GD11528		Finger Holder
15	G10470		Cotter Pin, ⅝" x 1"
16	G11009		Locking Thumbscrew, ⅝"-18 x ¾"
17	GD36922		Seed Baffle
18	GD1083		Cover Nut
19	G10500		Jam Nut, ⅝"-18 UNF
20	GA8343		Wave Washer, ⅝" (Triple Wave)
21	G10020		Hex Head Cap Screw, ¼"-20 x ⅝"
	G10323		Hex Flange Nut, ¼"-20, No Serrations
22	G10022		Hex Head Cap Screw, ¼"-20 x ½"
	G10621		Serrated Flange Nut, ¼"-20

Finger Pickup Seed Meter (cont'd)

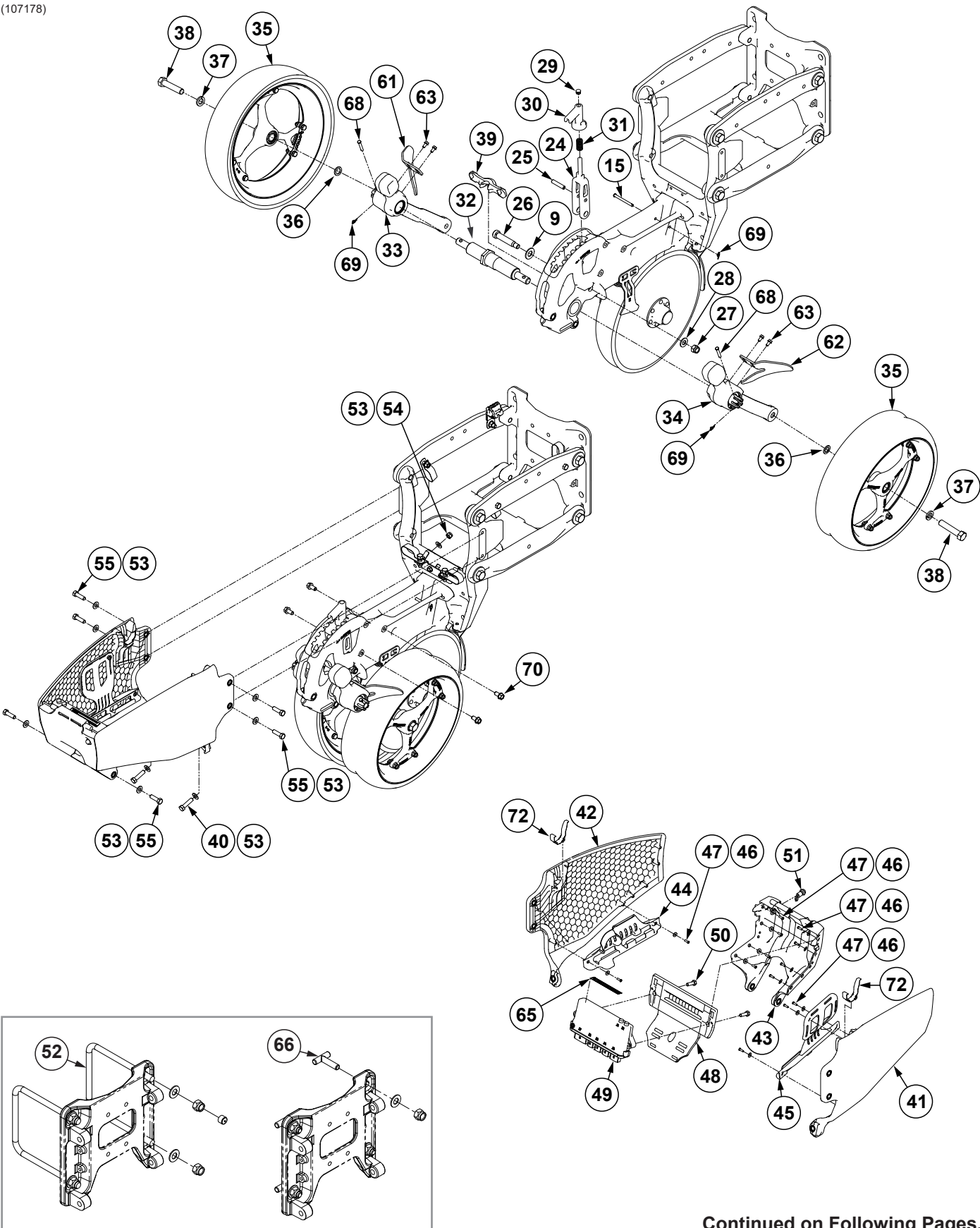
ITEM	PART NO.	QTY.	DESCRIPTION
23	G10021		Hex Head Cap Screw, ¼"-20 x 1½"
	G10621		Serrated Flange Nut, ¼"-20
24	G10603		Spring Pin, ¼" x 1¼"
25	GD1042		Idler
26	GB0120		Bushing, 7⁄64" I.D. x 1½" Long
27	GD19333		Finger, Oil Sunflower
28	GD15698		Shank Cover, Finger Pickup Seed Meter
29	GD11787		Half Rate Blank Finger
A	GR1848		Finger Assembly, Corn (Items 11-14 and 20)
B	GR2154		Finger Assembly, Oil Sunflower (Items 12, 14, 20, 27, and 30)
C	700-01078		Corn Meter Assembly (Items 1-26 and 28)

Finger Pickup Meter Life Expectancy	
Item	Life Expectancy
Brush #3	100-200 acres per row
Carrier Plate #3	120-400 acres per row
Fingers & Springs #4, #5	240-800 acres per row
Drive Belt Sprocket, #10	240-800 acres per row
Seed Belt #1, Belt Housing & Belt Housing Cover	Inspect for damage or cracks

5000 Series Row Unit - Base Row Unit Assembly



5000 Series Row Unit- Base Row Unit Assembly (cont'd)



Continued on Following Pages.

5000 Series Row Unit- Base Row Unit Assembly (cont'd)

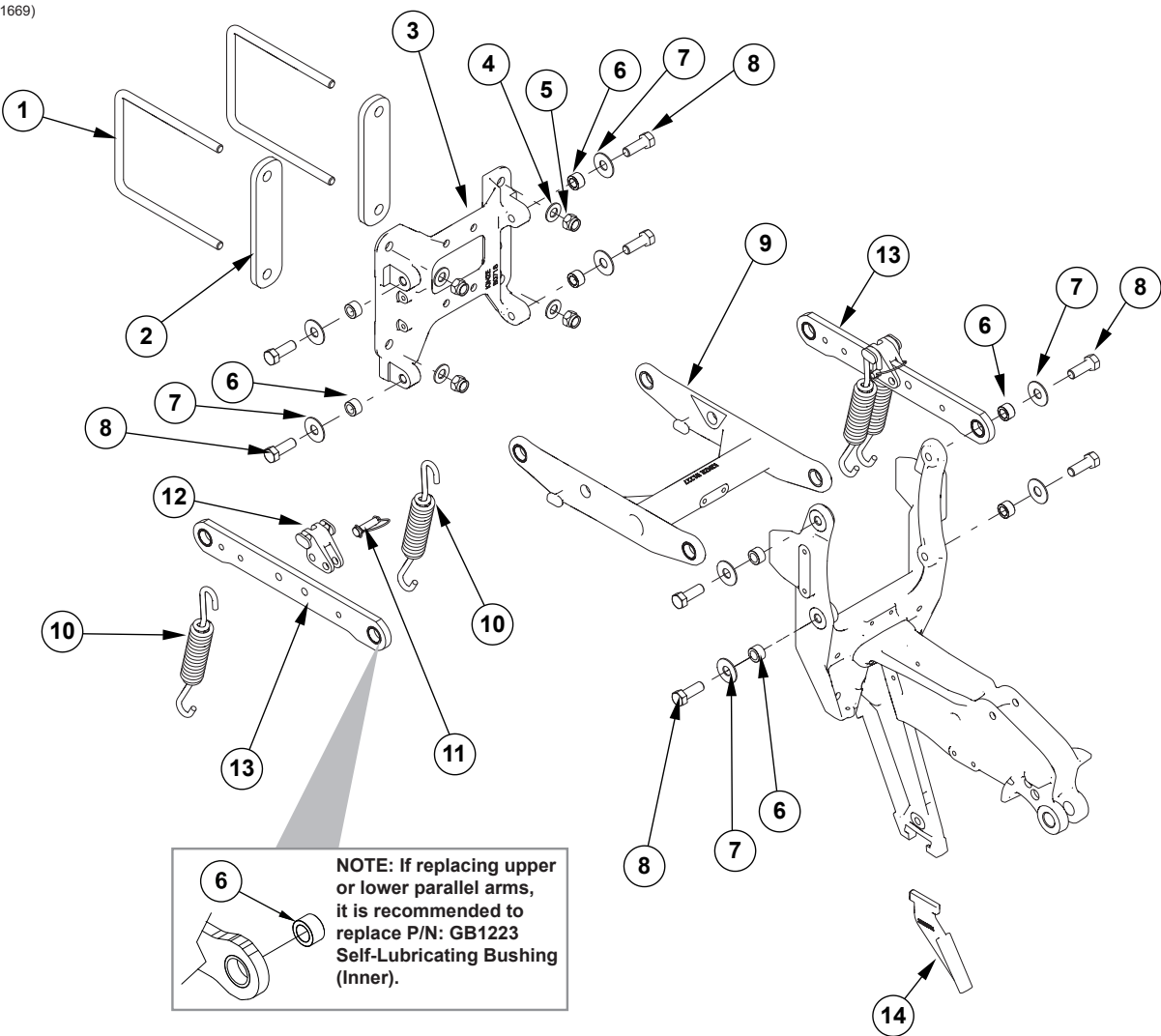
ITEM	PART NO.	QTY	DESCRIPTION
1	G10348601		Pull Unit Support
2	G10703601 GB1224		Lower Parallel Arm Assembly, Pull Row Unit (Included w/G10703601)
3	G10703501 GB1224		Upper Parallel Arm Assembly, Pull Row Unit (Included w/G10703601)
4	GD25071		Shank Yoke
5	G10659001 G10635001		Shank Bushing, .625" O.D. x .515" I.D. x .438" (Included W/G10659001)
6	G10141901		Hex Head Cap Screw, 5/8"-11 x 1 3/4", Grade 8
7	GB1223		Self-Lubricating Bushing
8	G11976		Flat Washer, 5/8" x 1 3/4"
9	G11391		Flat Washer, 5/8" SAE
10	G10005		Hex Head Cap Screw, 5/8"-11 x 1 3/4"
11	GD28390		Shield
12	G11539		Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"
13	G11646		Slotted Spring Pin, 1/4" x 1 1/4"
14	G10885802		Row Unit Lock Up
15	G11465		Pin, 1/4" x 2 3/4"
16	G10018801 GA26920 GD11306 GD36860 GD36990		Disc and Bearing Assembly Bearing (Included W/G10018801) Disc Blade, 3.5 mm x 15" (Included W/G10018801) Bearing Housing (Included W/G10018801) Rivet, 1/4" x 9/16" (Included W/G10018801)
18	GD30725		Bushing
19	G10090401		Plastic Ribbed Hub Cap
20	G10915101		Hex Head Cap Screw, 5/8"-11 x 1 3/4", Grade 8 (L.H. Threads)
21	G10646401		R.H. Outer Scraper
22	G10646301		L.H. Outer Scraper
23	G10646501		Outer Disc Scraper Spring
24	G10335501		Depth Adjustment Lever
25	G10567901		Depth Adjust Pin
26	G10603601		Hex Socket Head Shoulder Screw, 5/8" x 2 1/2"
27	G10111		Lock Nut, 1/2"-13
28	G11389		Flat Washer, 1/2" Plated SAE
29	GD3612		Cap Plug
30	GB0266		Handle, Depth Adjustment
31	G10985901		Adjustment Handle Spring
32	G10957301		Gauge Wheel Spindle Shaft
33	---		See "Gauge Wheel Arm Assembly"
34	---		See "Gauge Wheel Arm Assembly"
35	G10322501		See "Gauge Wheel Arm Assembly"
36	G10397801		Special Machine Bushing, 5/8" x 1" O.D.
37	G10230		Lock Washer, 5/8"
38	G10010		Hex Head Cap Screw, 5/8"-11 x 3"
39	GB0265		Pivot Link, Depth Adjustment
40	G10003		Hex Head Cap Screw, 5/8"-16 x 1 1/2"
41	G10917301		Left Side Panel, Pull Row Unit
42	G10917401		Right Side Panel, Pull Row Unit
43	G10917501		Back Hopper Support, Pull Row Unit
44	G10911701		R.H. Wire Tray
45	G10780701		L.H. Wire Tray

5000 Series Row Unit- Base Row Unit Assembly (cont'd)

ITEM	PART NO.	QTY	DESCRIPTION
46	G11961		Flat Washer, No. 8
47	G10972301		Torx Pan Head Tapping Screw, 8-18 x ½"
48	G10780801		IPN Mount
49	GA25949		IPN Module Assembly
50	G10019		Hex Head Cap Screw, ⅝"-18 x 1"
51	GA15485		Button
52	GD17039		U-Bolt, 7" x 7" x ⅝"-11
	G11391		Flat Washer, ⅝" SAE
	G10107		Lock Nut, ⅝"-11
	G10997801		Flexible Round Cap
53	G11387		Flat Washer, ⅝" SAE
54	G10108		Lock Nut, ⅝"-16
55	G10004		Hex Head Cap Screw, ⅝"-16 x 1¼"
56	G10622		Serrated Flange Nut, ⅝"-16
57	GD35449		Double Tube Clamp, 1"
58	G10720101		Wiring Guard
59	G10720001		Row Unit Wiring Hanger
60	G10986		Hex Non-Serrated Flange Cap Screw, ⅝"-18 x ⅝", Grade 5
61	G10538601		L.H. Gauge Wheel Scraper
62	G10538701		R.H. Gauge Wheel Scraper
63	G11356		Hex Socket Flange Cap Screw, ¼"-20 x ½"
64	G10924201		Ratchet Clamp
65	---		See "Decals, Paint and Miscellaneous"
66	GA17660		T-Bolt, ⅝"-11 x 1½"
	G11391		Flat Washer, ⅝" SAE
	G10107		Lock Nut, ⅝"-11
67	---		---
68	G10846901		Clevis Pin, ¼" x 1⅜"
69	G10847001		Locking Cotter Pin, ⅞" x ¼"
70	G11123		Hex Serrated Flange Cap Screw, ⅜"-16 x ¾"
71	G10915001		Hex Head Cap Screw, ⅝"-11 x 1¾", Grade 8
72	G10925601		Side Panel Wear Strip

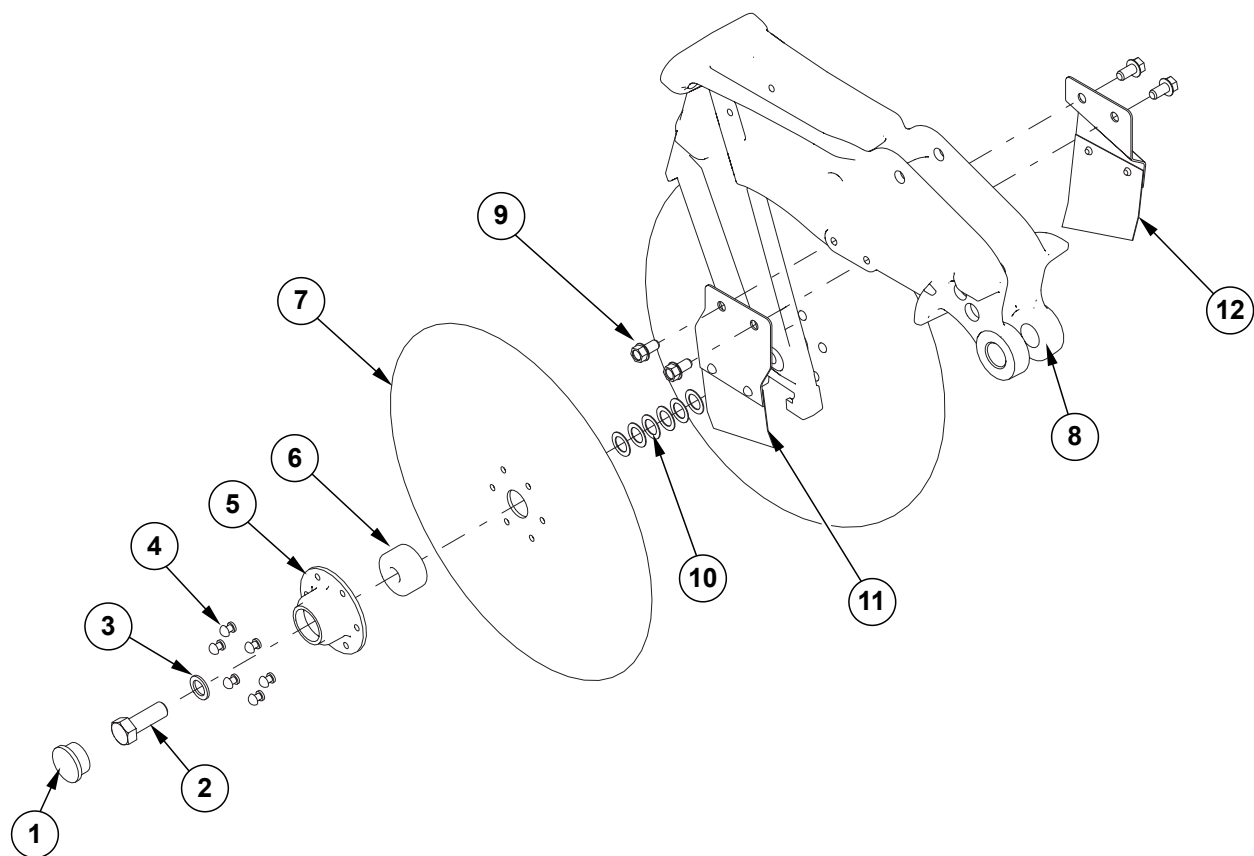
4005 Series Row Unit - Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option

(IP1669)



ITEM	PART NO.	QTY	DESCRIPTION
1	GD14559		U-Bolt, 7" x 7" x 5/8"-11
2	GD36974		Plate Spacer
3	GD36977		Row Unit Face Plate
4	G11391		Flat Washer, 5/8" SAE
5	G10107		Lock Nut, 5/8"-11
6	GB1223		Self-Lubricating Bushing
7	G11976		Flat Washer, 5/8" x 1 1/4"
8	G10141901		Hex Head Cap Screw, 5/8"-11 x 1 1/4", Grade 8
9	GA26960 GB1224		Lower Parallel Arm Assembly Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in GA26960)
10	GD21337		Heavy Duty Down Pressure Spring
11	GD14217		Tab Lock Pin, 7/16" x 1 1/2"
12	GB0186		Spring Anchor
13	GA27122 GB1224		Upper Parallel Arm Assembly Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in GA27122)
14	G10035901		Scraper, Standard
A	G1K760		Pull Row Unit Parallel Arm Kit, Includes: (8) G10141901, (8) G11976, (4) G10107, (4) G11391, (1) GD36977, (2) GD36974, (2) GD14559, (2) A27122, (1) GA26960, (8) GB1223, (1) IS1067

4005 Series Row Unit - 15" Seed Opener Disc Blade/Bearing Assembly, and Scrapers



ITEM	PART NO.	QTY	DESCRIPTION
1	G10090401		Plastic Ribbed Hub Cap
2	GD36856 G10005		Opener Blade Bolt, 5/8"-11 x 1 3/4", Grade 5 (L.H. Threads) (Shown) Hex Head Cap Screw, 5/8"-11 x 1 3/4" (Other side)
3	G10397801		Special Bushing
4	GD36990		Rivet, 1/4" x 9/16"
5	GD36860		Bearing Housing
6	GA26920		Bearing
7	GD11306		Disc Blade, 3.5 mm x 15"
8	GD25072		Center Shank
9	G11123		Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"
10	GD30725		Machine Bushing, 5/8" (.030" Thick) (As Required)
11	GA15451		L.H. Disc Scraper
12	GA15450		R.H. Disc Scraper
A	G10018801		Disc Blade/Bearing Assembly, Less Dust Cap (Items 4-7)

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