MODEL 3605
PIVOT FOLD PLANTER

PARTS MANUAL

M0303-02 Rev. 7/26

This manual applies to: Model: 3605 Twin-Line Planters:
2021 Production and On

Record the model number and serial number of your planter along with date purchased:

Serial Number _____

Date Purchased _____

Information in this manual was current at time of printing. However, due to Kinze's ongoing product improvement, production changes may cause your machine to appear slightly different in detail. Kinze Manufacturing, Inc. reserves the right to change specifications or design without notice and without incurring obligation to install the same on machines previously manufactured.

Right hand (R.H.) and left hand (L.H.), as used throughout this manual, are determined by facing in the direction the machine will travel when in use, unless otherwise stated.

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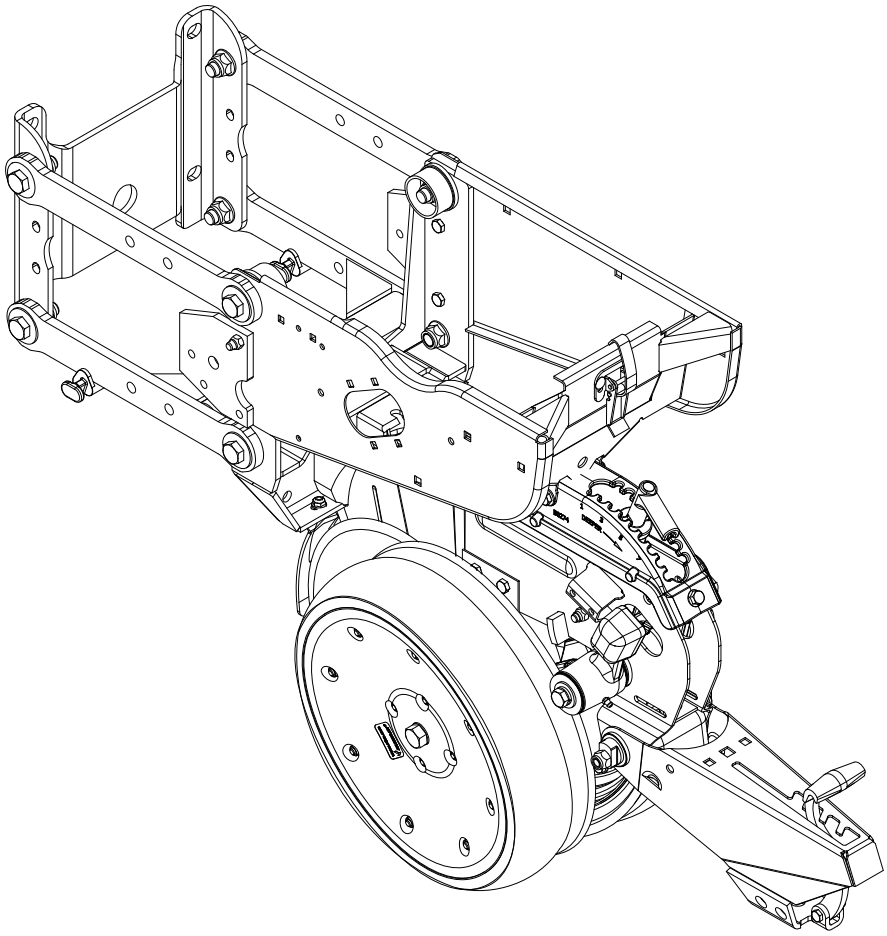
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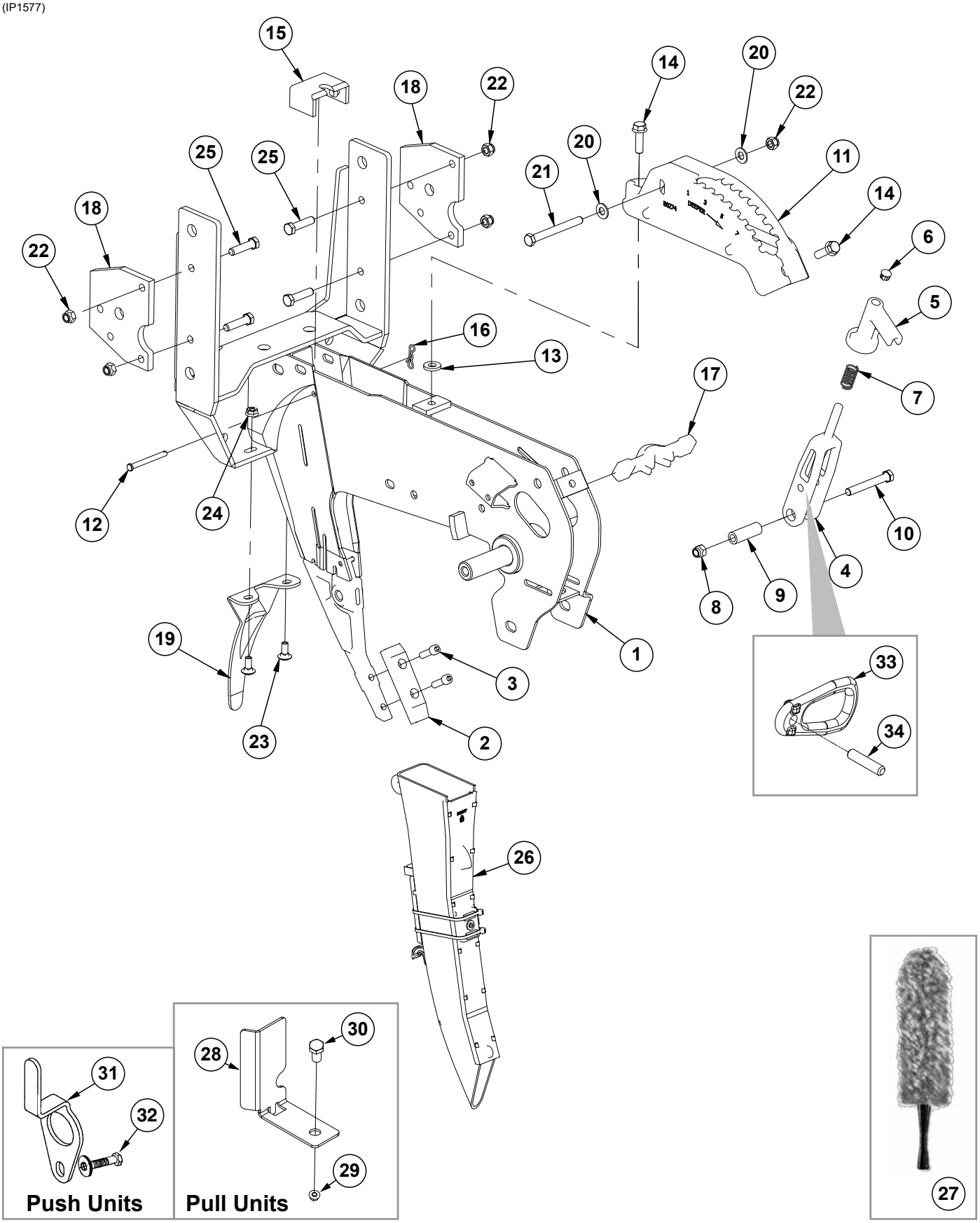
NOTE: Row unit assembly does not include the following: seed meter assembly, seed tube assembly, row unit hopper assembly, closing wheels, or seed meter clutch.



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10502X	1	Pull Row Unit Assembly, Standard Gauge Wheel
2	G10984X	1	Pull Row Unit Assembly, Spoked Gauge Wheel

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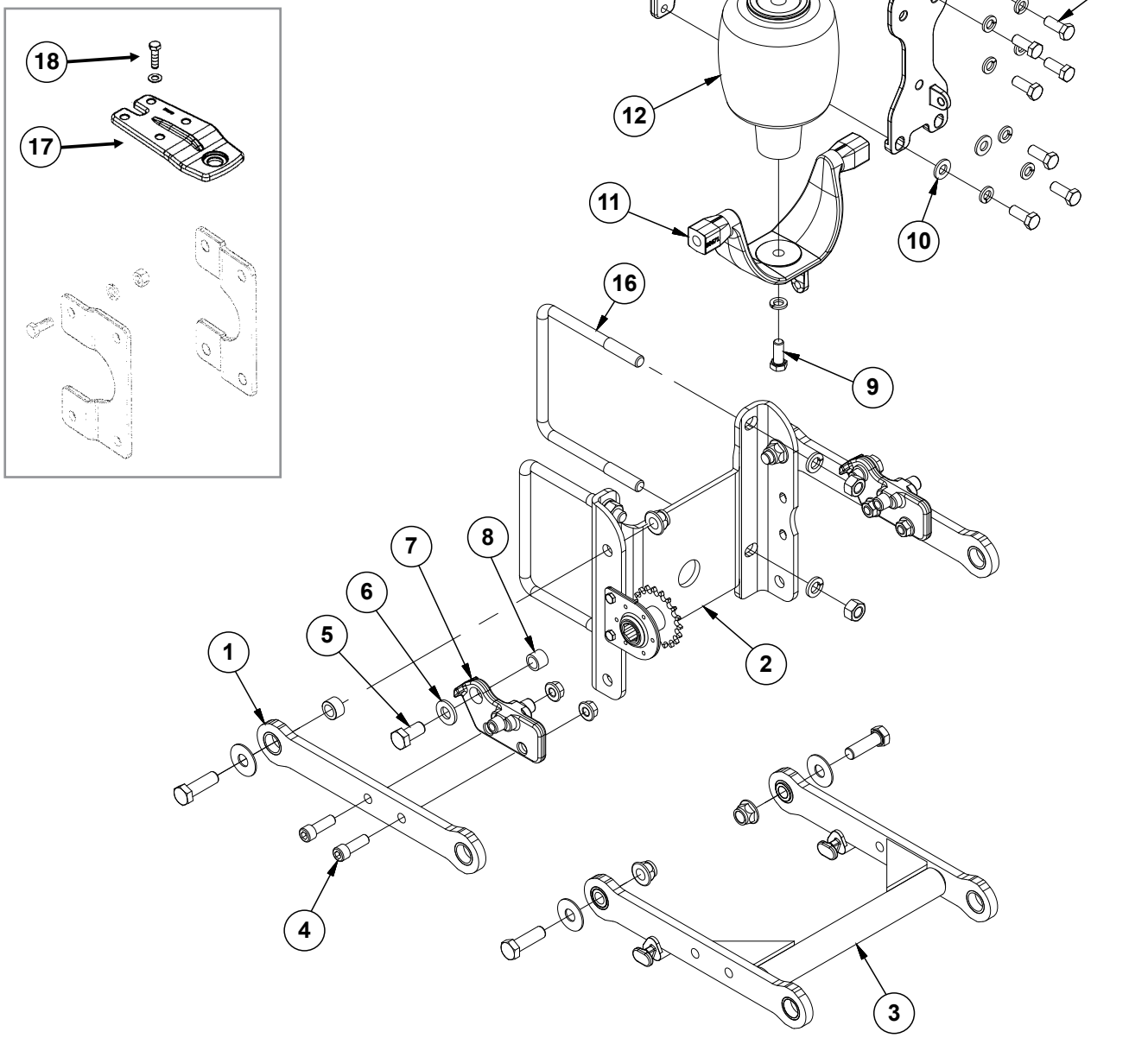
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Push Units
Pull Units

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA10157 GD11001 G10438	1 - -	Shank W/Gauge Wheel Pivot Spindle and Set Screw Spindle Hex Head Cap Screw, ½"-13 x ¾"
2	G10038601	1	Scraper
3	G10500901	2	Hex Socket Head Cap Screw, 5/16"-18 x 1", Grade 8
4	GB0267	1	Lever, Depth Adjustment
5	GB0266	1	Handle, Depth Adjustment
6	GD3612	1	Cap Plug
7	GD10993	1	Spring
8	G11591	1	Hex Lock Nut, ⅜"-24, Grade C
9	GD11259	1	Sleeve, ⅜" I.D. x ⅝" O.D. x 1 25/32" Long
10	G11592	1	Hex Head Cap Screw, ⅜"-24 x 2¾", Grade 8
11	GB0274	1	Cover, Depth Adjustment
12	G10551	1	Clevis Pin, ¼" x 2 ½"
13	G10207	1	Washer, ⅞" O.D. x 13/32" I.D. x .134" (If Applicable)
14	G11015	2	Hex Washer Head Cap Screw, ⅜"-16 x 1¼"
15	GD16245	1	Sun Shade (Rubber)
16	G10122301	1	Bow Tie Cotter Pin
17	GB0265	1	Pivot Link, Depth Adjustment
18	GD24545	2	Row Unit Stop
19	GD28390	1	Shield
20	G11387	2	Flat Washer, ⅜" SAE
21	G10061	1	Hex Head Cap Screw, ⅜"-16 x 3½"
22	G10108	4	Lock Nut, ⅜"-16
23	G10312	2	Carriage Bolt, 5/16"-18 x ¾"
24	G10620	2	Serrated Flange Nut, 5/16"-18
25	G10003	3	Hex Head Cap Screw, ⅜"-16 x 1½"
26	G10745401	1	Seed Tube Assembly
27	G10475701	1	Seed Tube Brush, Microfiber
28	GD29798	1	Chain Guard
29	G10071	1	Serrated Flange Nut, ½"-13
30	G10014	1	Hex Head Cap Screw, ½"-13 x 1"
31	GD17014	1	Hose Guide, Push Units
32	G10047 G11387 G10108	1 2-3 1	Hex Head Cap Screw, ⅜"-16 x 1¾" Flat Washer, ⅜" SAE Lock Nut, ⅜"-16
33	GB0285	1	Collar, Depth Adjustment
34	G10402701	1	Depth Adjust Pin

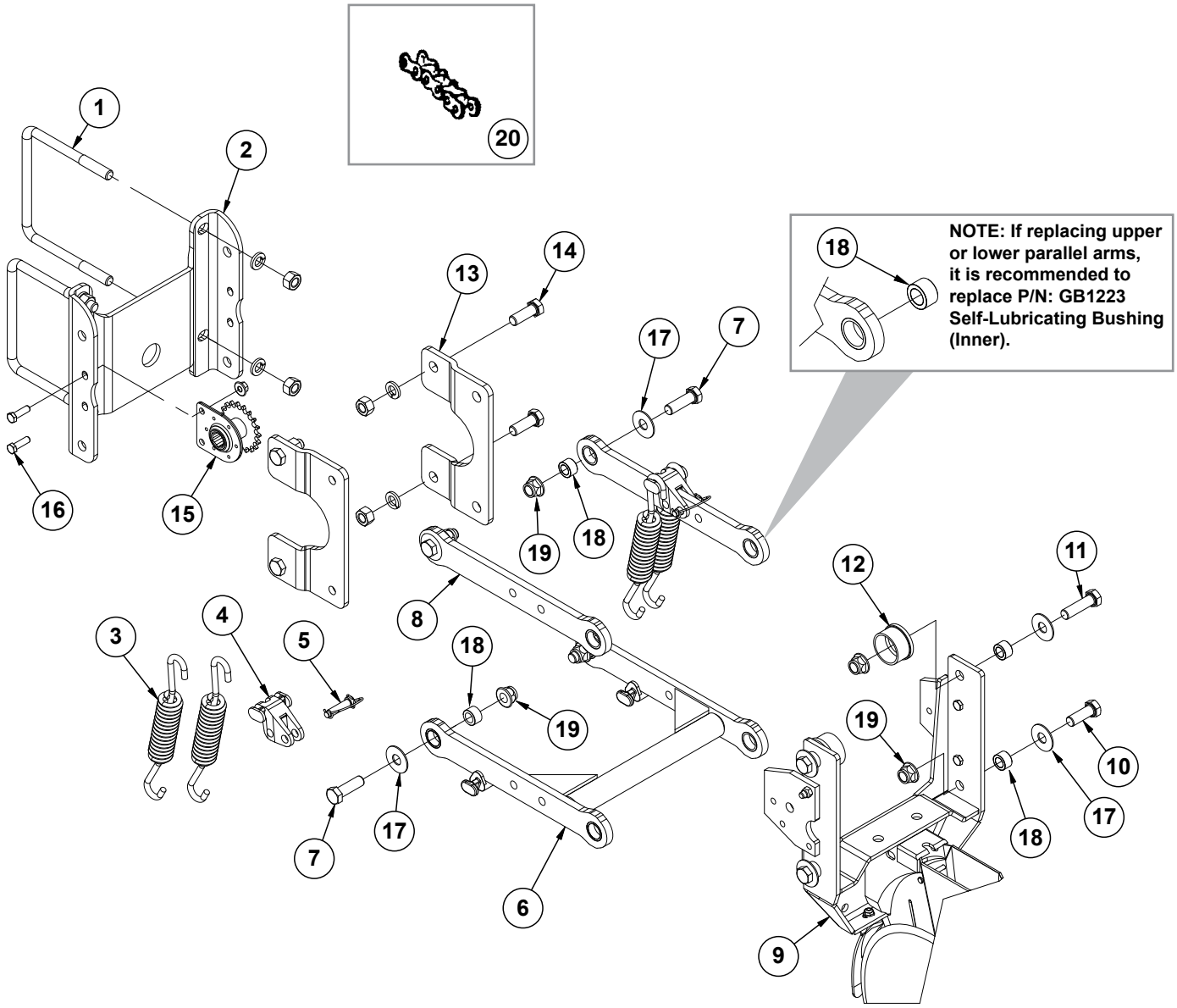
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NOTE: Items that are not referenced on this page may be referenced on page P7.



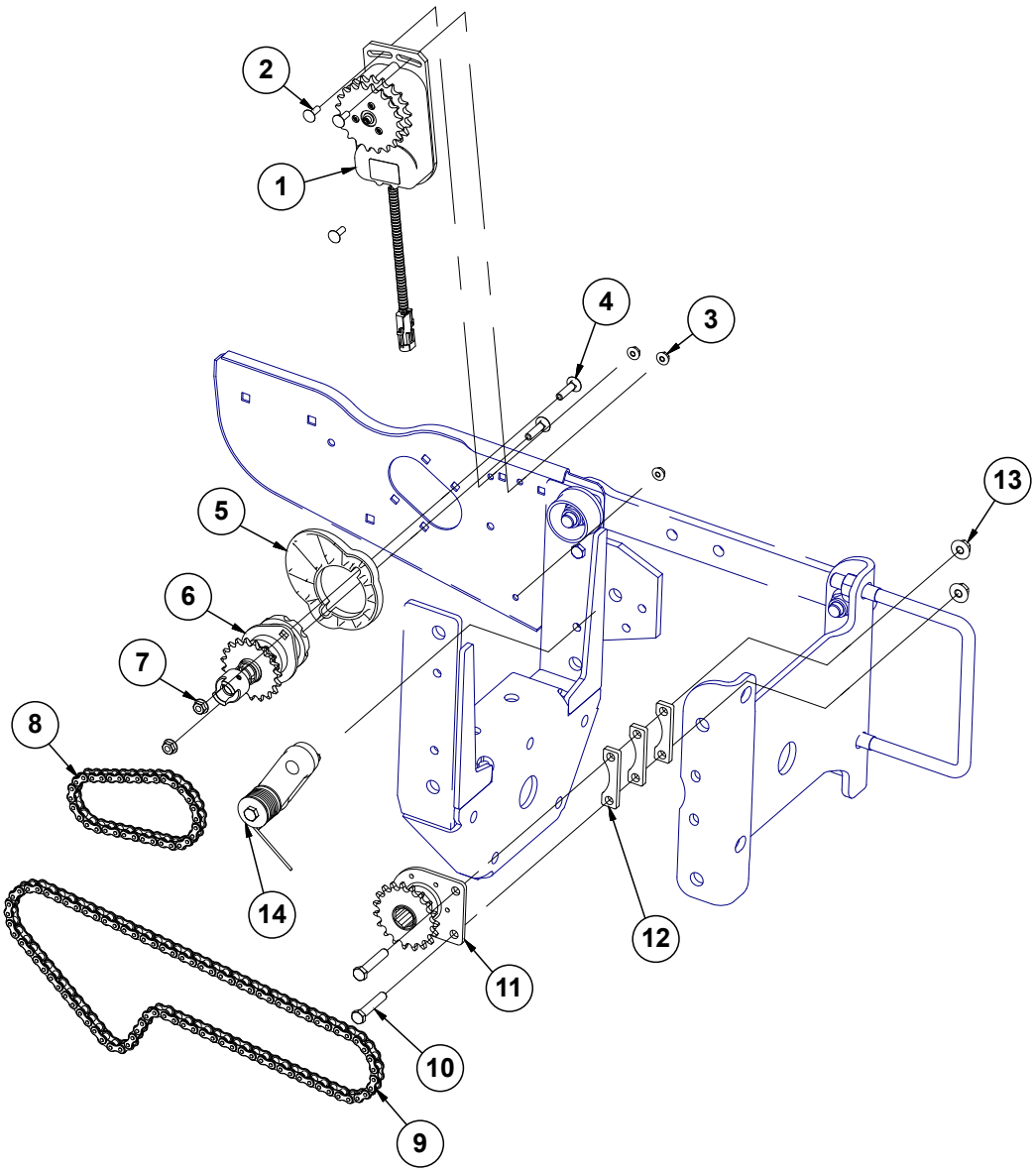
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	2	See “Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option” on page P7
2	GD10036	1	Mounting Support Plate
3	---	1	See “Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option” on page P7
4	G11220 G10071	4 4	Hex Socket Cap Screw, ½"-13 x 1½" Serrated Flange Nut, ½"-13
5	G11018	2	Hex Head Cap Screw, ⅝"-18 x 1¼"
6	G11391	2	Flat Washer, ⅝" SAE
7	GB0395	2	Bracket
8	GD3180-30	2	Sleeve, ⅞" O.D. x ⅝" I.D. x ²¹⁄₃₂"
9	G10037 G10228	8 8	Hex Head Cap Screw, ½"-13 x 1¼" Lock Washer, ½"
10	G11389	2	Flat Washer, ½" SAE
11	GD23995	1	Saddle
12	GA11982	1	Air Spring Assembly
13	GB0396	1	Head Mount
14	GB0397	1	Shoulder Nut, ¾"-16
15	GB0393	1	Plate
16	---	---	See “Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option” on page P7
17	GB0398	1	Extension
18	G10039 G11389 G10111	4 4 4	Hex Head Cap Screw, ½"-13 x 1¾" Flat Washer, ½" SAE Lock Nut, ½"-13

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NOTE: If replacing upper or lower parallel arms, it is recommended to replace P/N: GB1223 Self-Lubricating Bushing (Inner).

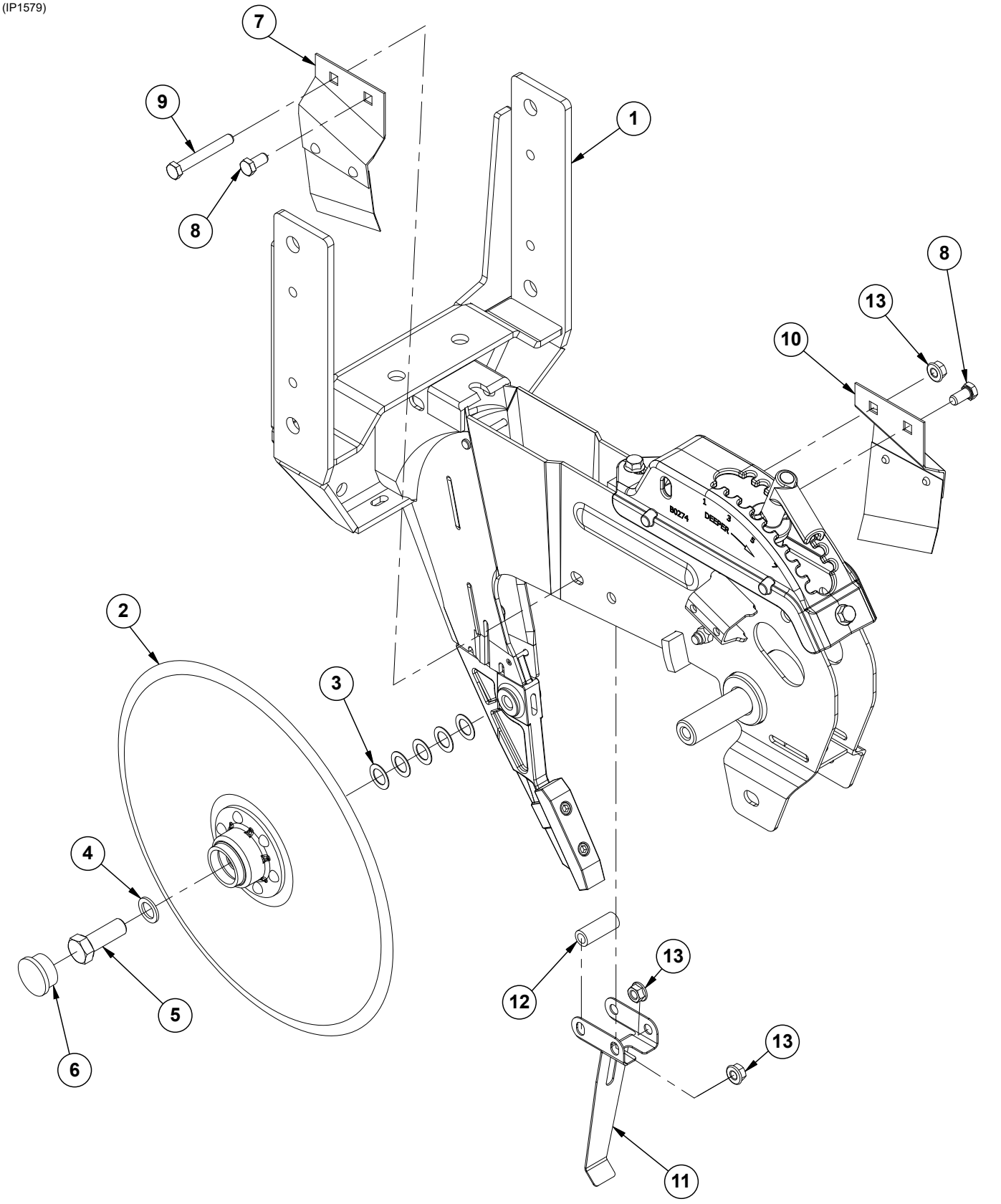
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GD1113 G10230 G10104	2 4 4	U-Bolt, 5" x 7" x ⅝"-11 Lock Washer, ⅝" Hex Nut, ⅝"-11
2	GD10036	1	Mounting Support Plate
3	GD21337	4	Heavy Duty Down Pressure Spring
4	GB0186	2	Spring Anchor
5	GD14217	2	Tab Lock Pin, 7/16" x 1½"
6	G10011201 GB1224	1	Lower Parallel Arm Assembly Self-Lubricating Bushing, 1¼" O.D. x 1" I.D. x ½" (Included in G10011201)
7	G10732	4	Hex Head Cap Screw, ⅝"-18 x 2"
8	G10011101 GB1224	2 2	Upper Parallel Arm Assembly Self-Lubricating Bushing, 1¼" O.D. x 1" I.D. x ½" (Included in G10011101)
9	---	1	See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3
10	G10751	2	Hex Head Cap Screw, ⅝"-18 x 1¾"
11	G10752	2	Hex Head Cap Screw, ⅝"-18 x 2¼"
12	GB0314	2	Hopper Mount
13	GB0366	2	Extension Bracket
14	G10751 G11976 G11514	4 4 4	Hex Head Cap Screw, ⅝"-11 x 1¾" Flat Washer, ⅝" x 1¾" Non-Serrated Flange Locknut, ⅝"-18
15	GA1720	1	Bearing/Sprocket, ⅞" Hex Bore
16	G10004 G11091	2 2	Hex Head Cap Screw, ⅜"-16 x 1¼" Serrated Flange Nut, ⅜"-16
17	G11976	8	Flat Washer, ⅝" x 1¾"
18	GB1223	8	Self-Lubricating Bushing
19	G11514	8	Lock Nut, ⅝"-18
20	G3303-98 G3303-108 G3303-16 G3303-114 G3303-124 GR0196	1 1 1 1 1 -	Chain, No. 41, 98 Pitch Including Connector Link (Mechanical) Chain, No. 41, 108 Pitch Including Connector Link (Vacuum) Chain, No. 41, 16 Pitch Including Connector Link (Used W/Row Unit Extension Brackets) Chain, No. 41, 114 Pitch Including Connector Link (Mechanical - 4 Center Rows Only) Chain, No.41, 124 Pitch Including Connector Link (Vacuum - 4 Center Rows Only) Connector Link, No. 41
A	G6325X	-	U-Bolt Package For 5" x 7" Toolbar, Includes: (2) GD1113, (4) G10230, (4) G10104
B	G1K758	-	Pull Row Unit Parallel Arm Kit, Includes: (2) G10011101, (1) G10011201, (8) GB1223, (8) G11976, (4) G10732, (2) G10751, (2) G10752, (8) G11514, (1) IS1066

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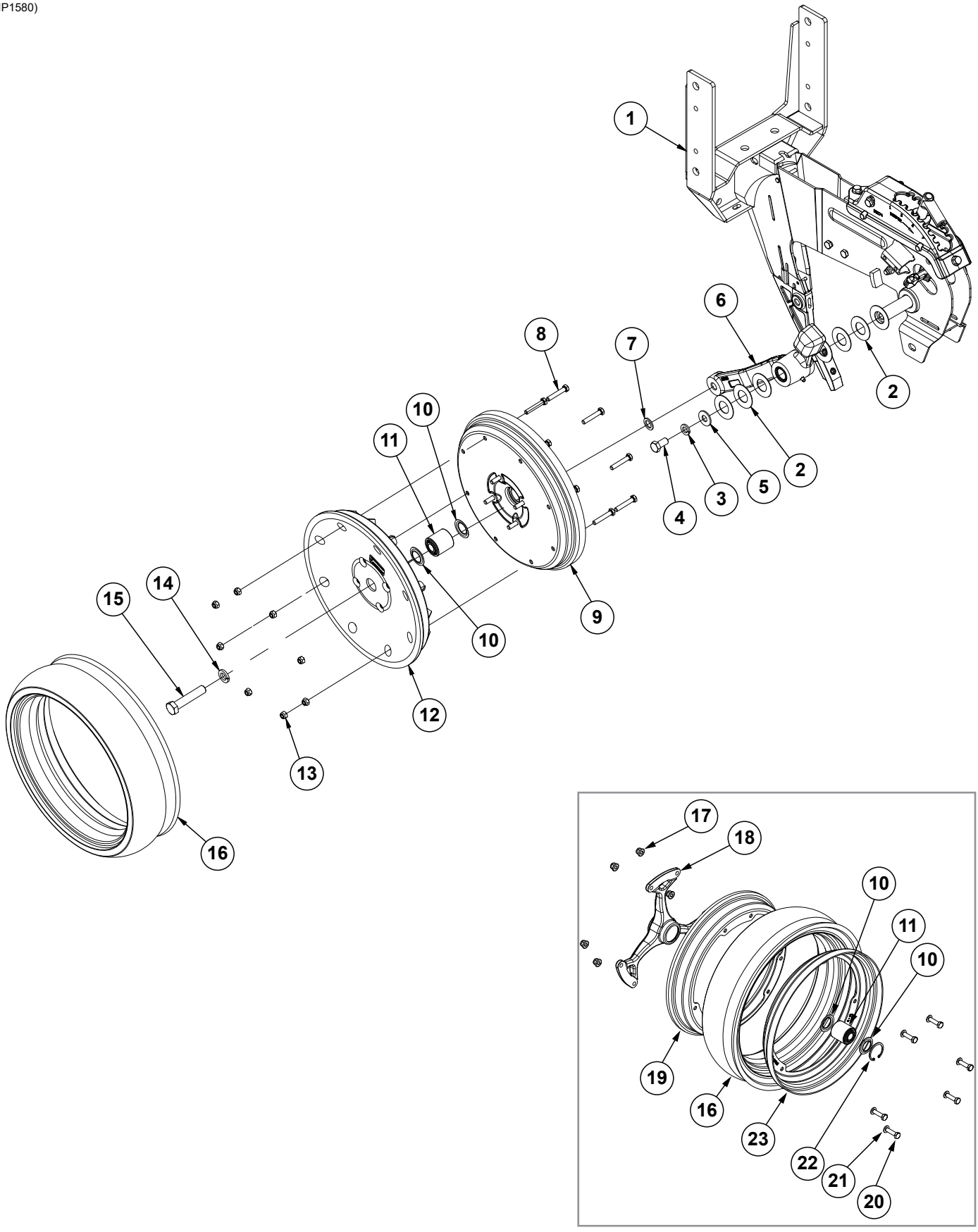
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA16374	1	Electric Clutch
2	G10310	3	Carriage Bolt, ¼"-20 x ¾", Grade 2
3	G10621	3	Serrated Flange Nut, ¼"-20
4	G10338	2	Carriage Bolt, 5⁄16"-18 x 1¼"
5	G11013701	1	Clutch Adapter Plate
6	GA10151 GA20640	1 -	Seed Meter Clutch Assembly, 11/19 Tooth (Mechanical) Shown Seed Meter Clutch Assembly, 11/28 Tooth (Vacuum)
7	G10109	2	Lock Nut, 5⁄16"-18
8	G3303-34 G3303-44	1 -	Chain, No. 41, 34 Pitch Including Connector Link (Mechanical) Chain, No. 41, 44 Pitch Including Connector Link (Vacuum)
9	G3303-88 G3303-103	1 4	Chain, No. 41, 88 Pitch Including Connector Link (Pull Row Unit) Shown Chain, No. 41, 103 Pitch Including Connector Link (4 Center Row Units Only)
10	G10048	2	Hex Head Cap Screw, ⅜"-16 x 2"
11	GA1720	1	Bearing/Sprocket, ⅞" Hex Bore
12	GD23774	3	Spacer
13	G11091	2	Serrated Flange Nut, ⅜"-16
14	---	1	See “Row Unit Idler (Electric Clutch)” on page P22

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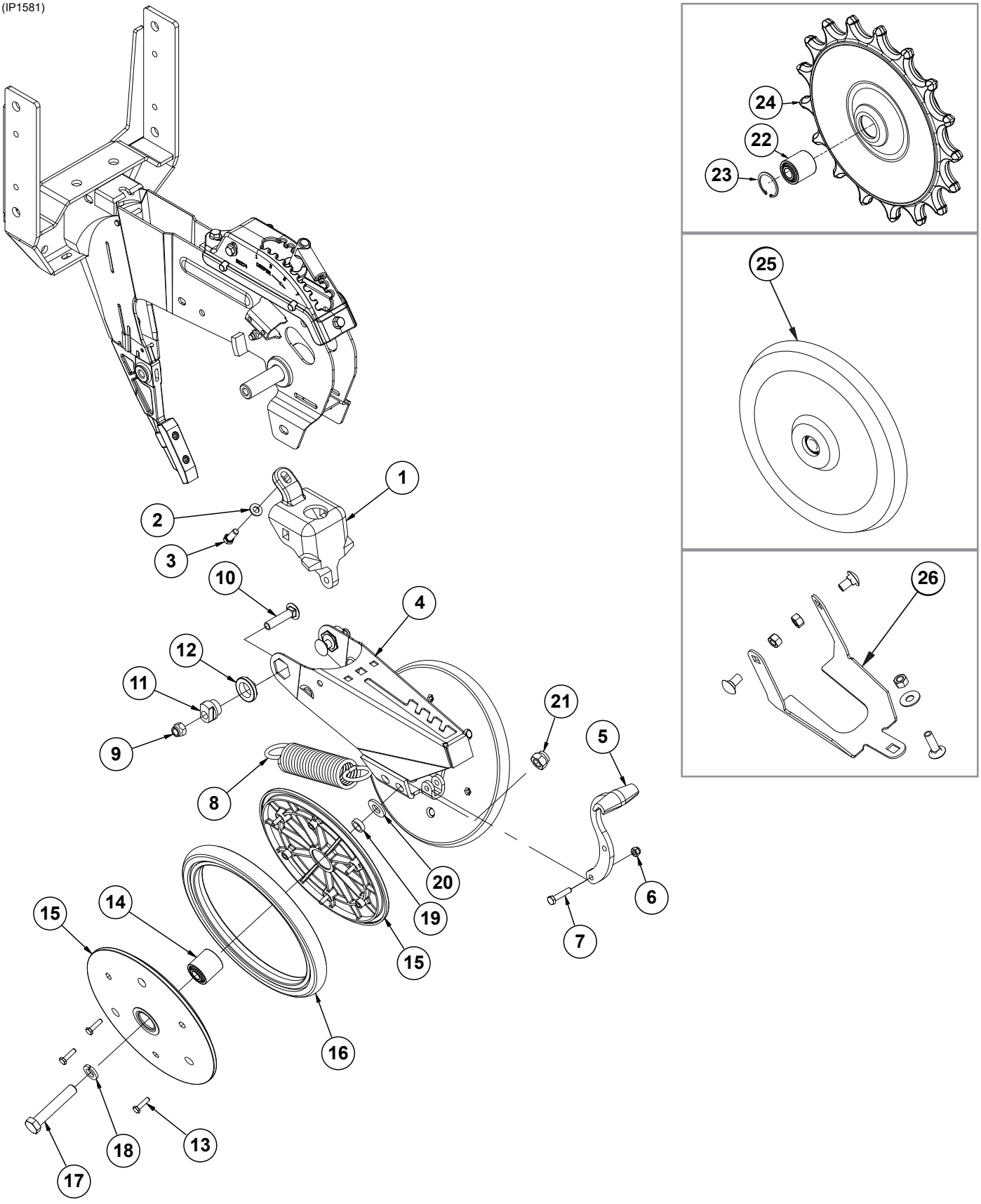
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	1	See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3
2	G10018801	2	Disc and Bearing Assembly
	GA26920	1	Bearing (Included W/G10018801)
	GD11306	1	Disc Blade, 3.5 mm x 15" (Included W/G10018801)
	GD36860	1	Bearing Housing (Included W/G10018801)
	GD36990	6	Rivet, ¼" x 9⁄16" (Included W/G10018801)
3	GD30725	10	Machine Bushing, ⅝" (.030" Thick) (5 Per)
4	G10397801	2	Special Machine Bushing, ⅝" x 1" O.D.
5	GD36856	1	Opener Blade Bolt, ⅝"-11 x 1¾", Grade 5 (L.H. Threads)
	G10005	1	Hex Head Cap Screw, ⅝"-11 x 1¾"
6	G10090401	2	Plastic Ribbed Hub Cap (1 Per)
7	GA2012L	1	Disc Scraper, L.H.
8	G10002	2	Hex Head Cap Screw, ⅜"-16 x ¾"
9	G10325	1	Hex Head Cap Screw, ⅜"-16 x 2¾"
10	GA2012R	1	Disc Scraper, R.H.
11	GD35444	1	Seed Tube Bracket
12	GD2971-31	1	Sleeve, ⅜" I.D x ⅝" O.D. x 1.78" Long
13	G10622	3	Serrated Flange Nut, ⅜"-16

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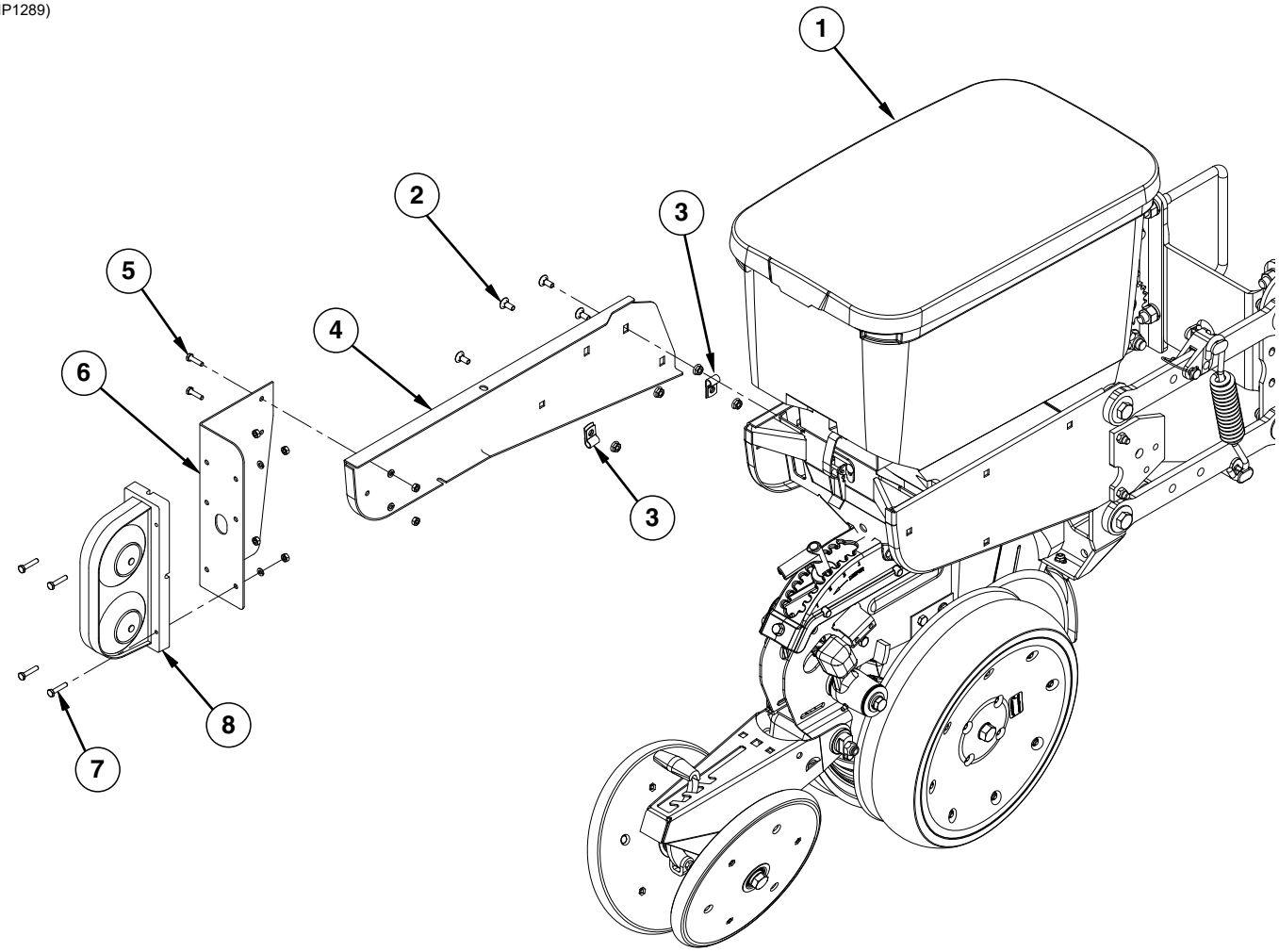
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3
2	G10940	7	Machine Bushing, 1" (.048" Thick)
3	G10228	2	Lock Washer, ½"
4	G10014	2	Hex Head Cap Screw, ½"-13 x 1"
5	G10216	2	Washer, ½" USS
6	GA21677 GA21676 GD10991 GB0276	1 - 2 2	Wheel Arm W/Grease Fitting, Bushings, and Seals, L.H. (Shown) Wheel Arm W/Grease Fitting, Bushings, and Seals, R.H. Seal (Per Arm) (Included W/GA21677 and GA21676) Bushing, 1" I.D. x 1¼" O.D. x 1" Long (Per Arm) (Included W/GA21677 and GA21676)
7	G10397801	1	Special Machine Bushing, ⅝" x 1" O.D.
8	G10871701	8	Hex Non-Serrated Cap Screw, M8 x 45
9	G10028701 G10871601 G11386	1 4 4	Half Gauge Wheel Hex Non-Serrated Cap Screw, M8 x 25 Flat Washer, 5⁄16" SAE
10	GD36713	2	Gauge Wheel Dust Shield
11	GA6171	1	Bearing
12	GD36709	1	Half Gauge Wheel
13	G10871801	12	Hex Flanged Lock Nut, Nylon Lock - M8
14	G10230	1	Lock Washer, ⅝"
15	G10010	1	Hex Head Cap Screw, ⅝"-11 x 3"
16	G10028601	1	Tire, 4½" x 16
17	G10335001	6	Flange Wheel
18	G10334701	1	Flange Hub
19	G10334901	1	Flange Wheel
20	G10335101	6	Screw, M8 x 30/8.8
21	G11386	6	Flat Washer, 5⁄16" SAE
22	G10335201	1	Elastic Ring
23	G10334801	1	Flange Wheel
A	G10028801	-	Standard Gauge Wheel Complete (Items 8-13 and 16)
B	G1K296	-	Gauge Wheel Arm Bushing and Seal Driver Kit, Includes: (1) Seal Driver, (1) Bushing Driver, (1) Instruction
C	G10322501	-	Spoked Gauge Wheel Complete (Items 10-11 and 16-23)

(IP1581)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GB0268	1	Wheel Arm Mount
2	G11387	1	Flat Washer, ⅜" SAE
3	G10001	1	Hex Head Cap Screw, ⅜"-16 x 1"
4	GA15197	1	Closing Wheel Arm
5	GB0254	1	Lever
6	G10109	1	Lock Nut, 5⁄16"-18, Grade 8
7	G10133	1	Hex Head Cap Screw, 5⁄16"-18 x 1½"
8	GD8460	1	Spring
9	G10111	2	Lock Nut, ½"-13
10	G11419	2	Carriage Bolt, ½"-13 x 2¼"
11	GB0239	2	Eccentric Bushing
12	GB0282	2	Stepped Bushing
13	G10064	6	Hex Head Cap Screw, ¼"-20 x 1"
14	GA6171	1	Bearing
15	GD9120	2	Nylon Half Wheel
16	GD1085	1	Rubber Tire, 1" x 12"
17	G10013	2	Hex Head Cap Screw, ⅝"-11 x 3½"
18	G10230	2	Lock Washer, ⅝"
19	GD1109	2	Bushing, 41⁄64" I.D. x ⅞" O.D. x ¼" Long
20	G11391	2	Flat Washer, ⅝" SAE
21	G10107	2	Lock Nut, ⅝"-11
22	GA6171	1	Bearing
23	G11862	1	Internal Retaining Ring
24	GA26958	1	Spiked Closing Wheel (Items 22 and 23)
25	GA6597	1	Cast Iron Closing Wheel W/Bearing
	GA6171	1	Bearing
26	G1K345	-	Closing Wheel Shield Kit W/Hardware and Instruction
	GD26146	1	Closing Wheel Shield (Included W/G1K345)
	G10599	1	Carriage Bolt, ⅜"-16 x 1¼" (Included W/G1K345)
	G10308	2	Carriage Bolt, ⅜"-16 x ¾" (Included W/G1K345)
	G10101	3	Hex Nut, ⅜"-16 (Included W/G1K345)
	G10229	3	Lock Washer, ⅜" (Included W/G1K345)
	G11387	1	Hardened Washer, ⅜" SAE (Included W/G1K345)
A	GA6434	-	Rubber Closing Wheel Complete W/Bearing (Items 13-16)

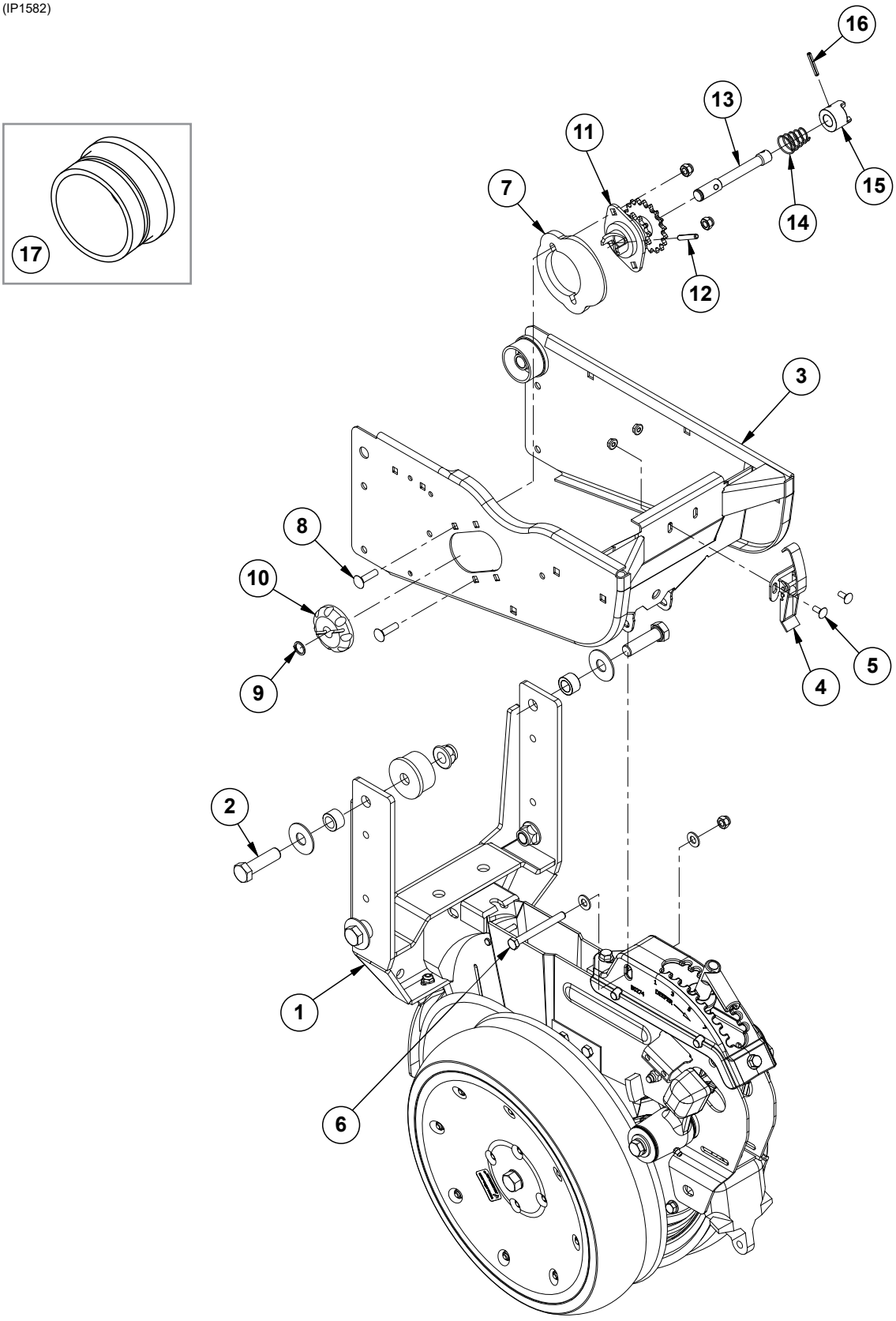
(IP1289)



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3 See “Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option” on page P7 See “Hopper Support and Meter Drive” on page P19
2	G10312 G10620	4 4	Carriage Bolt, 5⁄16"-18 x 3⁄4" Serrated Flange Nut, 5⁄16"-18
3	GD6291	2	Insulated Clamp, 3⁄8"
4	GD36264	1	Light Mount Extension
5	G10064	2	Hex Head Cap Screw, 1⁄4"-20 x 1"
6	GD12724	1	Bracket
7	G10064 G10110	4 4	Hex Head Cap Screw, 1⁄4"-20 x 1" Lock Nut, 1⁄4"-20, Grade B
8	---	-	See “Electrical Components” on page P209

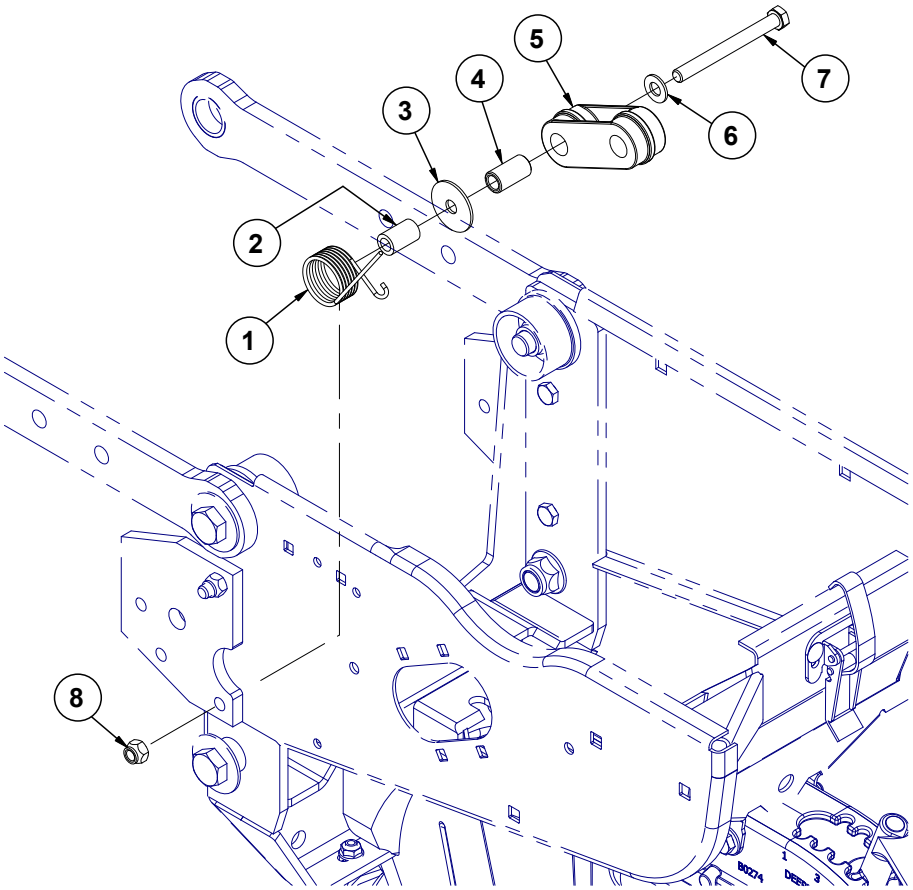
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(IP1582)



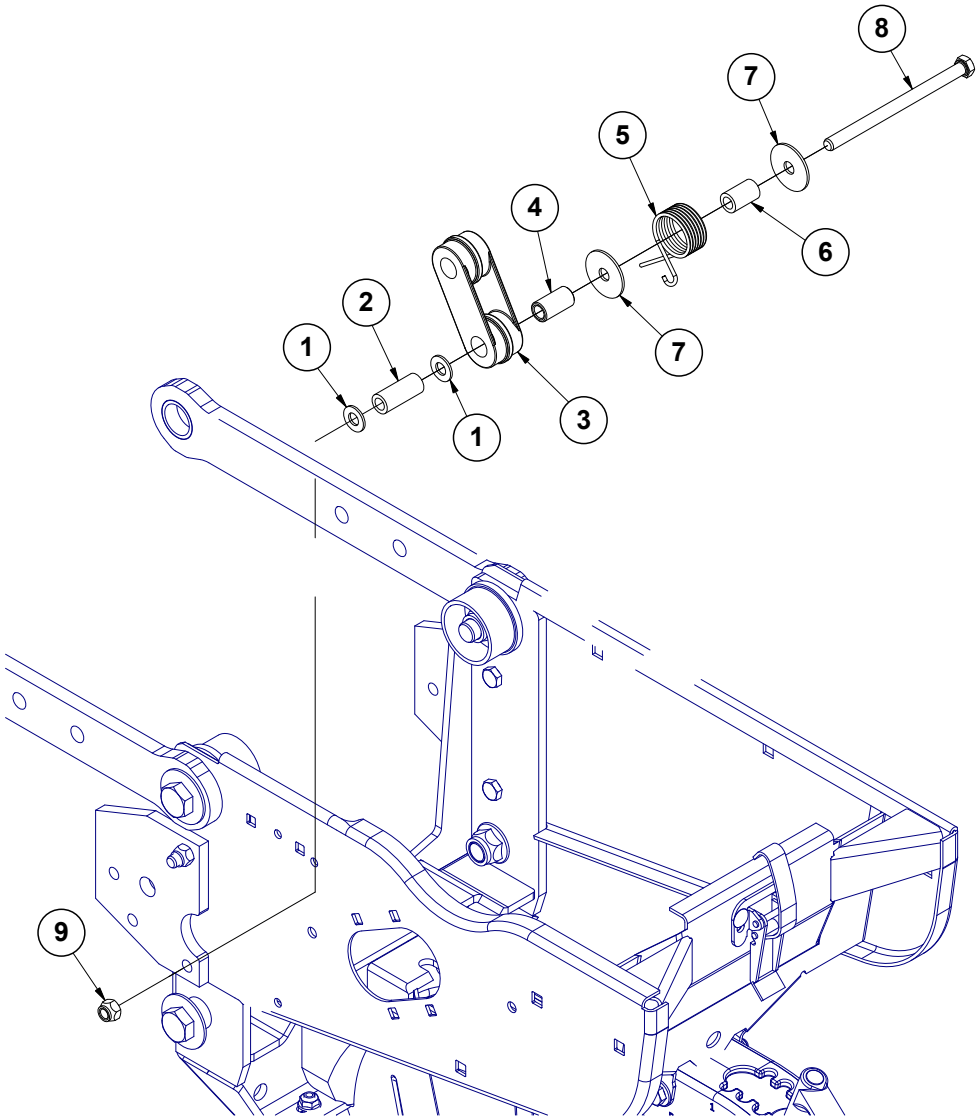
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	1	See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3
2	G10752	2	Hex Head Cap Screw, ⅝"-18 x 2¼"
3	G10329801	1	Hopper Support
4	GA2007	1	Hopper Hold Down Latch
5	G10309 G10621	2 2	Carriage Bolt, ¼"-20 x ⅝", Grade 2 Serrated Flange Nut, ¼"-20
6	G10061 G11387 G10108	1 2 1	Hex Head Cap Screw, ⅜"-16 x 3½" Flat Washer, ⅜" SAE Lock Nut, ⅜"-16
7	G11013701	1	Clutch Adapter Plate
8	G10338 G10109	2 2	Carriage Bolt, 5⁄16"-18 x 1¼" Lock Nut, 5⁄16"-18
9	G10567	1	External Retaining Ring, ⅝"
10	GD11239	1	Knob
11	GA10137 GA12143	1 -	Double Sprocket and Bearing, Drive Clutch, 11/19 Tooth (Mechanical) Double Sprocket and Bearing, Drive Clutch, 11/28 Tooth (Vacuum)
12	G10602	1	Spring Pin, ¼" x 1½"
13	GD29507	1	Clutch Shaft
14	GD11413	1	Spring
15	GB0278	1	Coupler
16	G10546	1	Spring Pin, 3⁄16" x 1¼"
17	GD17052	-	Vacuum Plug
A	GA10151	-	Seed Meter Clutch Assembly, 11/19 Tooth (Items 9-16) (Mechanical)
B	GA20640	-	Seed Meter Clutch Assembly, 11/28 Tooth (Items 9-16) (Vacuum)

(IP1583)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GD1065	1	Idler Spring
2	GD7318	1	Sleeve, 1" Long
3	G10201	1	Special Washer, ⅜" x 1 ½" O.D.
4	GD1026	1	Sleeve, 1 3⁄16" Long
5	GD11962	1	Idler
6	G11387	1	Flat Washer, ⅜" SAE
7	G10326	1	Hex Head Cap Screw, ⅜"-16 x 3¾"
8	G10108	1	Lock Nut, ⅜"-16

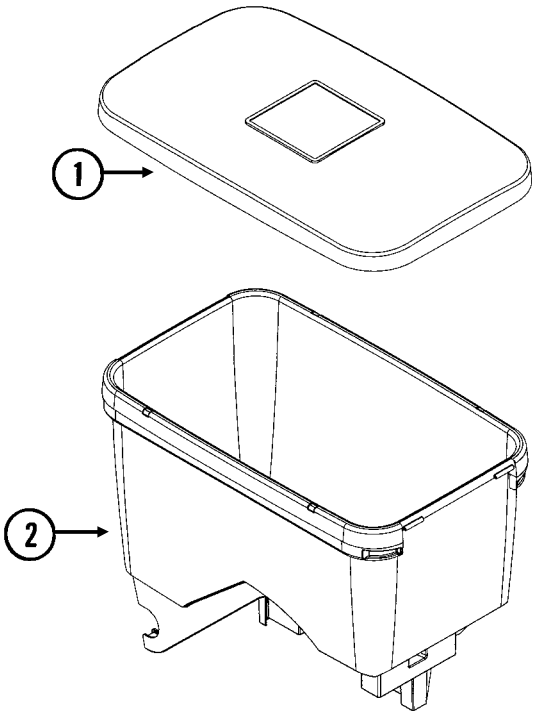
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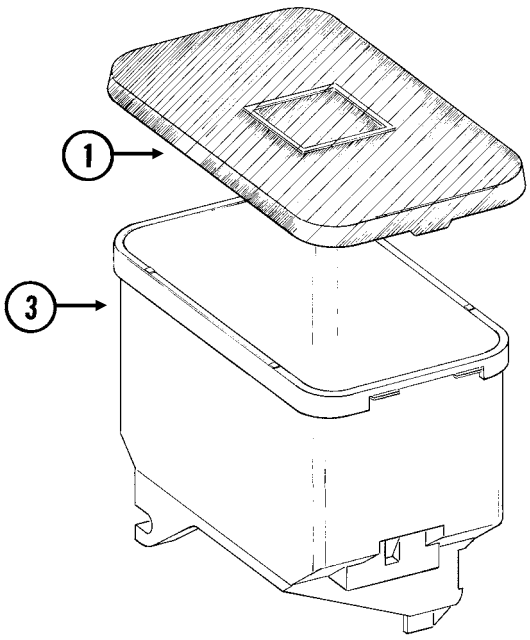


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G11387	2	Flat Washer, ⅜" SAE
2	GD23773	1	Chain Idler Spacer
3	GD11962	1	Idler
4	GD1026	1	Sleeve, 1 3⁄16" Long
5	GD1065	1	Idler Spring
6	GD7318	1	Sleeve, 1" Long
7	G10201	2	Special Washer, ⅜" x 1 ½" O.D.
8	G10687	1	Hex Head Cap Screw, ⅜"-16 x 5½"
9	G10108	1	Lock Nut, ⅜"-16

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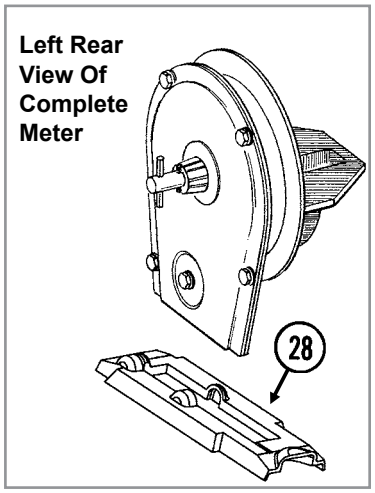
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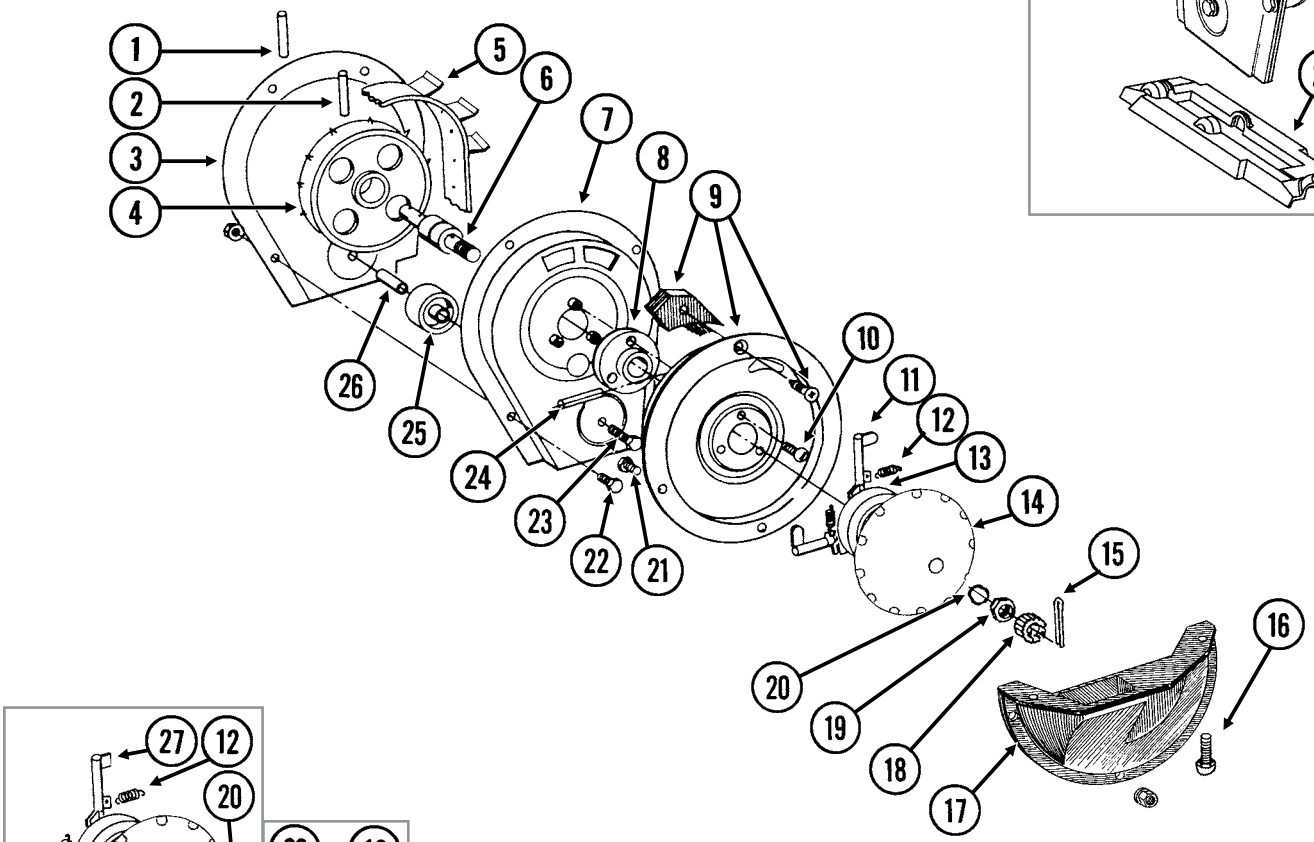


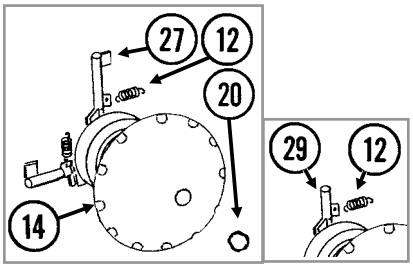


ITEM	PART NO.	QTY.	DESCRIPTION
1	GD11279	1	Lid
2	GA24873	1	Seed Hopper (Vacuum)
	GD12561	-	Threaded Insert, 5⁄16"-18 (Included W/GA20254)
3	GA9714	1	Seed Hopper, Reinforced (Mechanical)
	GD12561	-	Threaded Insert, 5⁄16"-18 (Included W/GA20254)

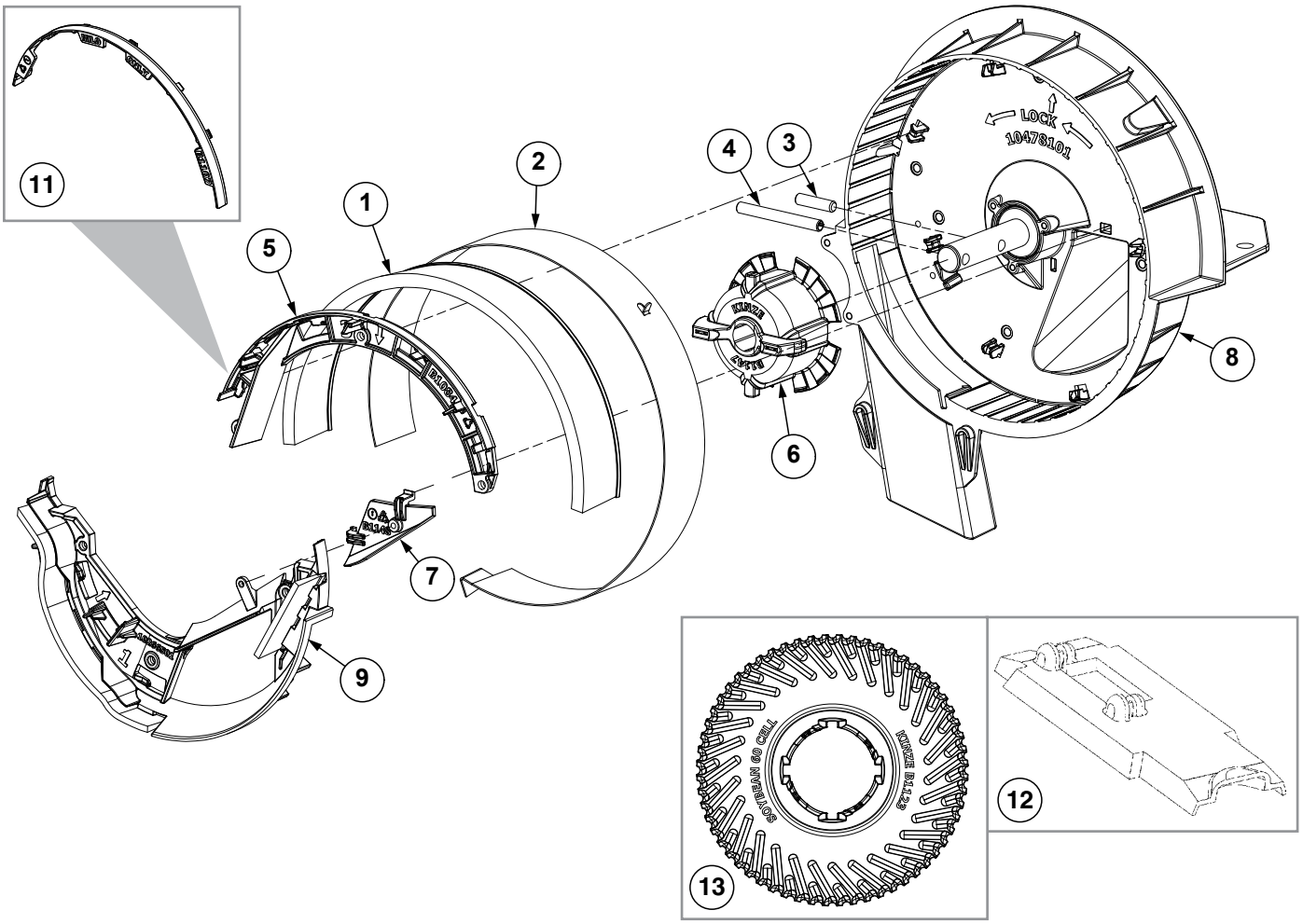
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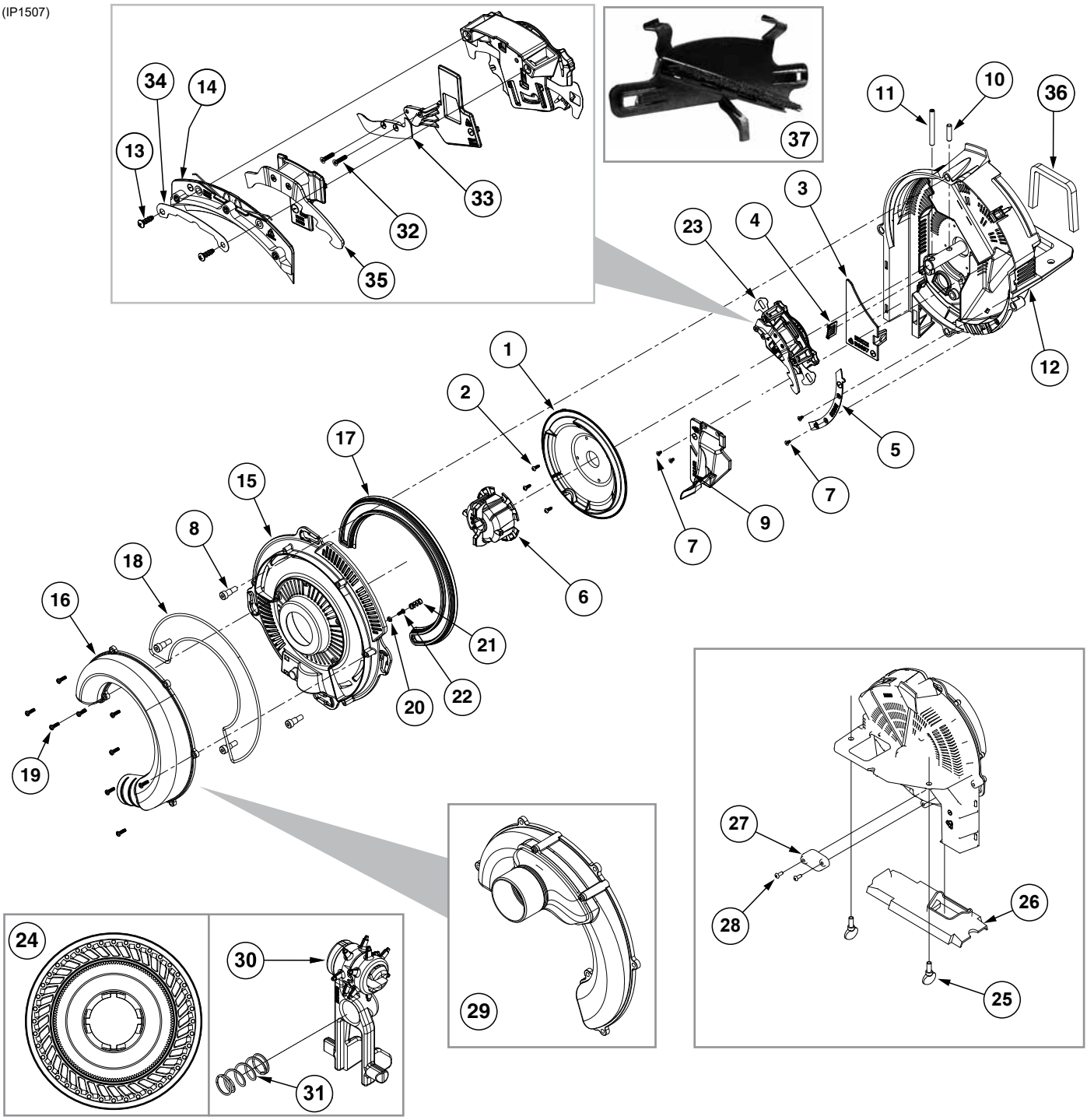
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10602	1	Spring Pin, ¼" x 1½"
2	G10604	1	Spring Pin, 3⁄16" x 1½"
3	G10429301	1	Housing Cover
4	GD1041	1	Belt Drive Sprocket
5	GD11286	1	Seed Belt
6	GA2019	1	Bearing
7	G10429101	1	Conveyor Housing
8	GB0110	1	Bearing Housing
9	GR1569	-	Carrier Plate W/Brush and Screw (Corn)
	GR0664	-	Carrier Plate W/Brush and Screw (Sunflower)
	GA2020	-	Brush
	G10690	-	Rolling Thread Screw, No. 10 x ¾"
10	G10401	3	Slotted Hex Washer Head Screw, No. 10-32 x ⅝"
11	GD18704	12	Finger, Corn
12	GD19790	12	Spring
13	GB0410	1	Cam
14	GD11528	1	Finger Holder
15	G10470	1	Cotter Pin, 5⁄32" x 1"
16	G11009	2	Locking Thumbscrew, 5⁄16"-18 x ¾"
17	GD36922	1	Seed Baffle
18	GD1083	1	Cover Nut
19	G10500	1	Jam Nut, ⅝"-18 UNF
20	GA8343	1	Wave Washer, ⅝" (Triple Wave)
21	G10020	3	Hex Head Cap Screw, ¼"-20 x ⅝"
	G10323	3	Hex Flange Nut, ¼"-20, No Serrations
22	G10022	4	Hex Head Cap Screw, ¼"-20 x ½"
	G10621	4	Serrated Flange Nut, ¼"-20
23	G10021	1	Hex Head Cap Screw, ¼"-20 x 1½"
	G10621	1	Serrated Flange Nut, ¼"-20
24	G10603	1	Spring Pin, ¼" x 1¼"
25	GD1042	1	Idler
26	GB0120	1	Bushing, 17⁄64" I.D. x 1 1⁄32" Long
27	GD19333	12	Finger, Oil Sunflower
28	GD15698	1	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 (Items 1-26 and 28)


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LOCK
10478.101
KINZE
KINZE BRUSH
60 CELL

12

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA5699	1	Upper Brush
2	GD8778	1	Wear Strip
3	G11448	1	Pin, ¼" x 1"
4	G10475	1	Spring Pin, ¼" x 2¼"
5	GB1084	1	Upper Brush Retainer (Used W/Soybean and Wheat Discs)
6	GB1147	1	Disc Hub
7	GB1148	1	Lower Retainer Wall
8	G10478401	1	Brush Meter Housing W/Bearing
9	G10476201 G10266501 GD34021-02 GD35784-01	1 1 1 1	Lower Brush Retainer Assembly Lower Brush Retainer (Included W/G10476201) Brush, 6" (Included W/G10476201) Brush, 2" (Included W/G10476201)
10	---	---	---
11	GB1107	-	Upper Brush Retainer (Used W/Milo/Grain Sorghum Discs)
12	GD15699	1	Shank Cover, Brush-Type Seed Meter
13	GB1123 GB1171 GB1124 GB1130 GB1131 GB1132 GB1133 GB1134		Seed Disc, Soybean, 60 Cell, Black Color-Coded Seed Disc, Soybean, 54 Cell, Dark Gray Color-Coded Seed Disc, Soybean, 48 Cell, Dark Blue Color-Coded Seed Disc, Small Milo/Grain Sorghum, 30 Cell, Orange Color-Coded Seed Disc, Large Milo/Grain Sorghum, 30 Cell, Light Blue Color-Coded Seed Disc, High Rate Small Milo/Grain Sorghum, 60 Cell, Red Color-Coded Seed Disc, Hight Rate Large Milo/Grain Sorghum, 60 Cell, Yellow Color-Coded Seed Disc, Wheat, 54 Cell, Purple Color-Coded
A	700-01339	-	Brush Meter 2.0 (Items 1-11)

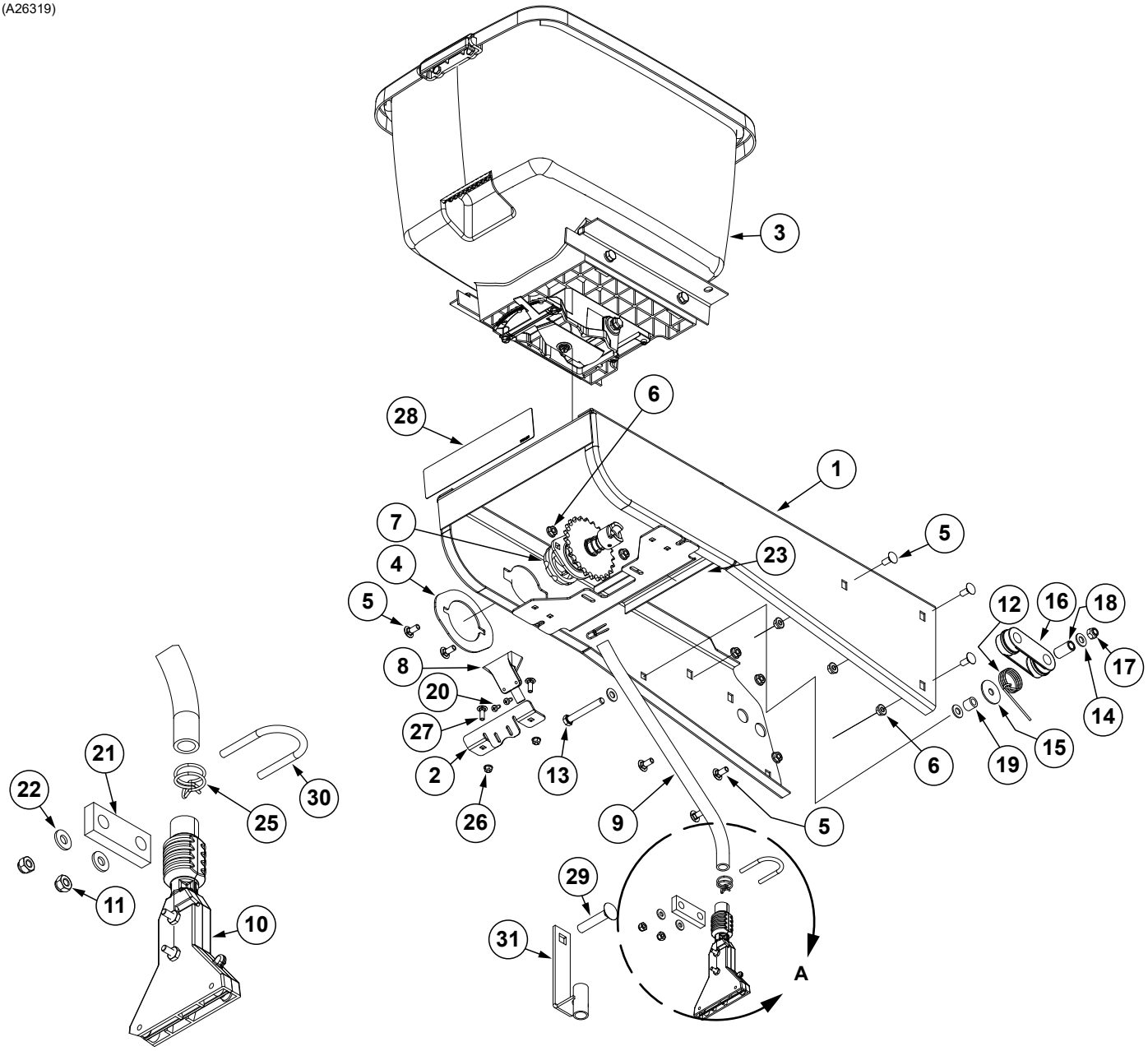
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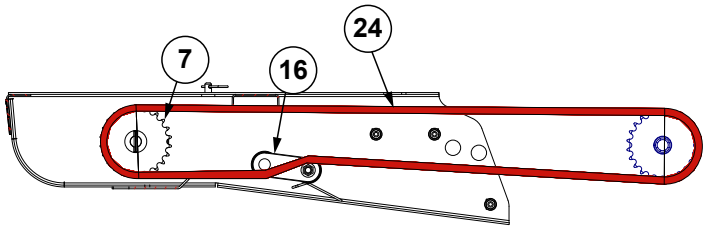
ITEM	PART NO.	QTY.	DESCRIPTION
1	GB0815	1	Shield
2	G11965	3	Torx Pan Head Tapping Screw, No. 6-19 x ⅜"
3	GB0697	1	Chute Cover
4	GB0780	1	Brush
5	GB0823	1	Baffle
6	GB1147	1	Disc Hub

ITEM	PART NO.	QTY.	DESCRIPTION
7	G11618	4	Torx Flat Head Tapping Screw, No. 6-19 x ¼"
8	G11172	4	Hex Socket Head Shoulder Screw, ¼"-20 x ⅜", Stainless Steel
9	GA24878	1	Baffle Assembly
10	G11448	1	Pin, ¼" x 1"
11	G10475	1	Spring Pin, ¼" x 2¼"
12	GA24877	1	Meter Housing W/Bearing
13	G11578	2	Phillips Pan Head Tapping Screw, No. 8-18 x ½"
14	GA24676	1	Singulator Guide Assembly
15	GB0920	1	Cover
16	GB0818	1	Vacuum Port, Pull Row Unit
17	GB0676	1	Lip Seal
18	GD26593	1	Gasket Housing
19	G11556	9	Phillips Pan Head Tapping Screw, 6-19 x ½"
20	GB0907	1	Retainer Spring
21	G10483101	1	Compression Spring
22	G11619	1	Phillips Pan Head Tapping Screw, No. 6-19 x ⅜"
23	GA24752	1	Singulator Assembly (Includes Items 13 and 14)
24	G11152X	1	Seed Disc, Corn (40 Cell) Light Blue Color-Coded, Ejector Wheel, and Spring
	G11047X	-	Seed Disc, Soybean (120 Cell) Black Color-Coded, Ejector Wheel, and Spring
	G11154X	-	Seed Disc, Sugar Beets/Milo, Dark Orange Color-Coded, Ejector Wheel, and Spring
	G11153X	-	Seed Disc, Sunflower (40 Cell) Gray Color-Coded, Ejector Wheel, and Spring
	G11105X	-	Seed Disc, Cotton (60 Cell) Green Color-Coded, Ejector Wheel, and Spring
	G11106X	-	Seed Disc, Black Turtle, Navy Edible Bean and Popcorn (60 Cell) Brown Color-Coded, Ejector Wheel, and Spring
	G11107X	-	Seed Disc, Pinto, Great Northern Edible Beans, and Soybean (60 Cell) Dark Blue Color Coded, Ejector Wheel, and Spring
	GB1237	-	Anti-Static Blank Seed Disc
	GB1231	-	Blank Seed Disc
	G11048X	-	Seed Disc, Soybean (60 Cell) Black Color-Coded
	G11042X	-	Seed Disc, Wheat (54 Cell) Purple Color-Coded
	G11332X	-	Seed Disc, Wheat (231 Cell) Red Color-Coded, Ejector Wheel, Spring, and Wheat Brush Singulator (Item 37)
25	G11009	2	Locking Thumbscrew, 5/16"-18 x ¾"
26	GB0926	1	Shank Cover
27	GD28631	1	Cover Plate
28	G11281	2	Hex Button Head Cap Screw, 10-24 x ½"
29	GA20111	1	Vacuum Port, Push Row Unit
30	G10665101	-	Ejector Arm, Corn
	G10483401	-	Ejector Arm, Soybean (120 Cell)
	G10665001	-	Ejector Arm, Sunflower
	G10664901	-	Ejector Arm, Beets/Milo
	G10614301	-	Ejector Arm, Black Turtle, Navy, Pinto, Great Northern Edible Bean, Popcorn
	G10483201	-	Ejector Arm, Soybean (60 Cell)
	GA26989	-	Ejector Arm, Wheat (54 Cell)
	G10936101	-	Ejector Arm, Wheat (231 Cell)
31	G10483101	-	Compression Spring
32	G11693	2	Torx Flat Head Machine Screw, No. 4-40 x ½"
33	GB0921	1	Lower Blade
34	GD29657	1	Retainer
35	GB0958	1	Outer Blade
36	GD34774	1	Meter Gasket
37	G10983301	1	Wheat Brush Singulator Assembly
	G10983101	1	Wheat Brush Mount (Included W/G10983301)
	G10983201	1	Brush (Included W/G10983301)
A	G9903X	-	Vacuum Meter Assembly, Pull Row Unit (Excludes Items 24 and 29-31)
B	G9897X	-	Vacuum Meter Assembly, Push Row Unit (Excludes Items 16, 24, and 30-31)
C	GA20622	-	Cover Assembly (Items 15-22)

(A26319)



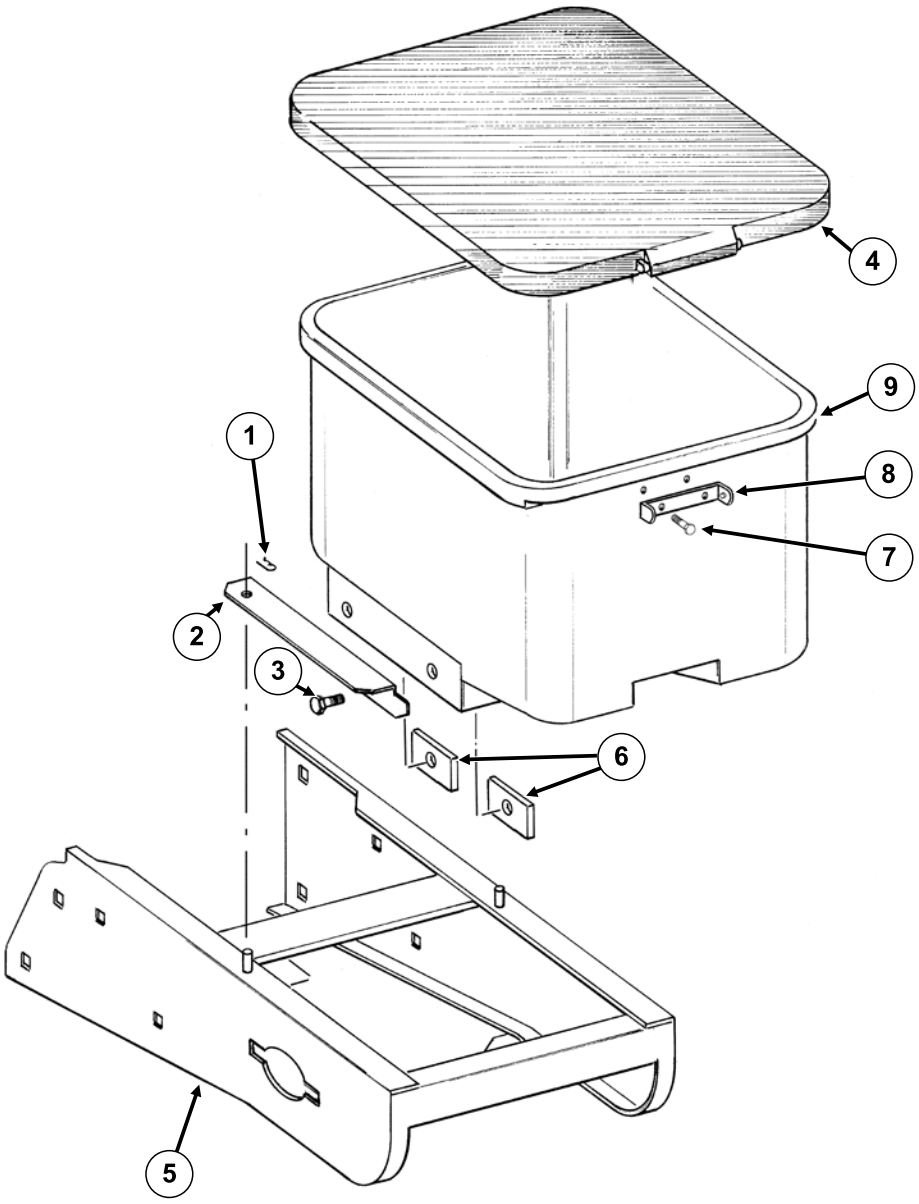
Detail A



Chain Routing

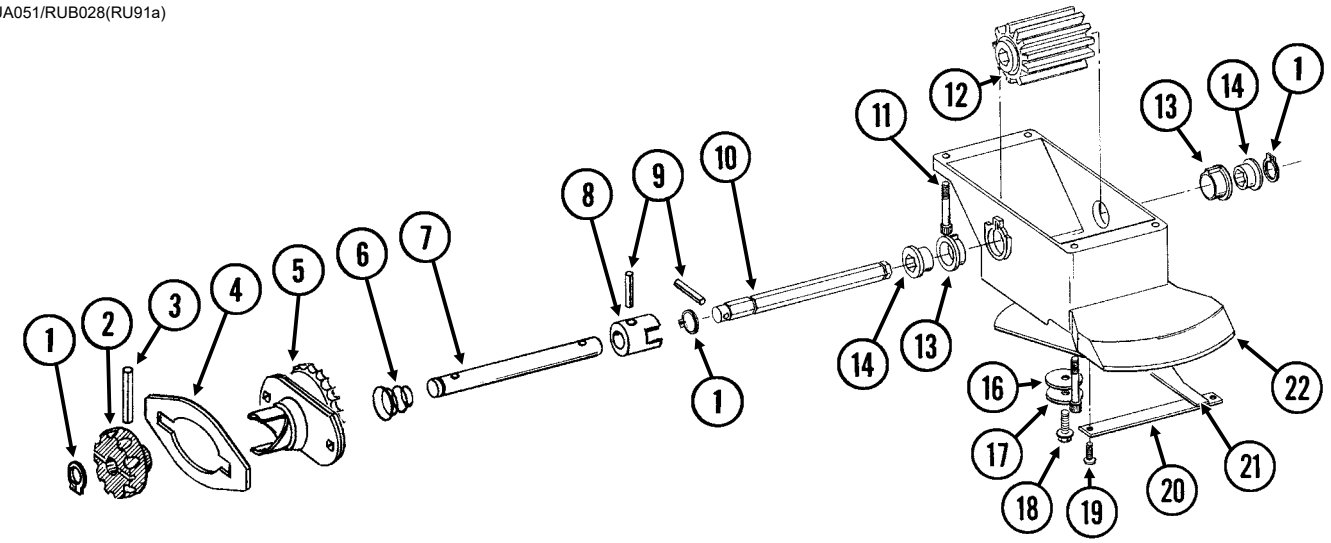
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA26287	1	Hopper Panel Extension **(Non-Stock Item)**
2	GD36277	1	Funnel Bracket
3	---	-	See “Granular Chemical Hopper and Hopper Panel Extension” on page P33
4	GD11305	1	Plate
5	G10312	8	Carriage Bolt, 5⁄16"-18 x 3⁄4"
6	G10620	8	Serrated Flange Nut, 5⁄16"-18
7	---	1	See “Granular Chemical Meter and Meter Drive” on page P34
8	GD2423	1	Funnel
9	GD2947	1	Hose, 7⁄16" x 28"
10	GA6907 G10864 G10757 G10758	1 1 2 2	Slope-Compensating Bander W/Hardware (4½" Band Width) Uni-Clamp (Included W/GA6907) Pan Head Screw, No. 10-32 x 1¼" (Included W/GA6907) Hex Nut, No. 10-32 (Included W/GA6907)
11	G10110	2	Lock Nut, ¼"-20, Grade B
12	GD11219	1	Spring
13	G10325	1	Hex Head Cap Screw, 3⁄8"-16 x 2¾"
14	G11387	3	Flat Washer, 3⁄8" SAE
15	G10201	1	Special Washer, 3⁄8" x 1½" O.D.
16	GD11962	1	Idler
17	G10108	1	Lock Nut, 3⁄8"-16
18	GD1026	1	Sleeve, 1 3⁄16" Long
19	GD2971-10	1	Sleeve, 9⁄16" Long
20	G10966	2	Phillips Head Self-Tapping Screw, No. 10 x ½"
21	GD10984	1	Spacer
22	G11385	2	Flat Washer, ¼" SAE
23	G10670	2	Hair Pin Clip, No. 3
24	G3303-114 G3303-108 GR0196	1 - 1	Chain, No. 41, 114 Pitch Including Connector Link (Mechanical) Chain, No. 41, 108 Pitch Including Connector Link (Vacuum) Connector Link, No. 41
25	G11209	2	Wire Hose Clamp, ¾"
26	G10621	2	Serrated Flange Nut, ¼"-20
27	G10310	2	Carriage Bolt, ¼"-20 x ¾", Grade 2
28	---	-	See “Decals, Paint, and Miscellaneous” on page P271
29	G10315	1	Carriage Bolt, ½"-13 x 2½" (Replaces Existing ½" x 2¼" Hardware)
30	GD10963	1	U-Bolt, 1½" x 1 5⁄16" x ¼"-20
31	GA6741	1	Bracket (Straight Drop In-Furrow)

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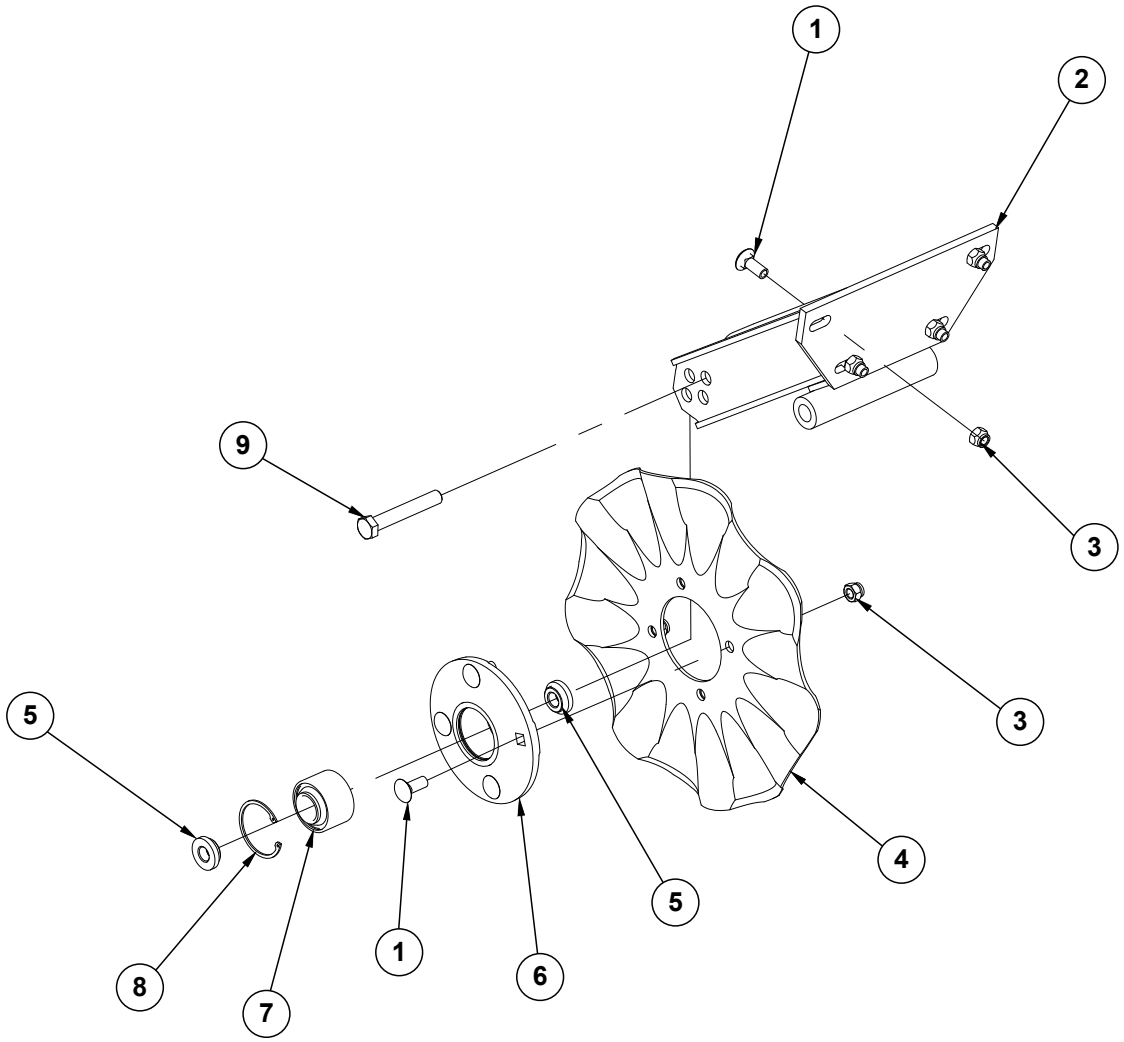
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10670	2	Hair Pin Clip, No. 3
2	GD1059L GD1059R	1 1	Support, L.H. (Shown) Support, R.H.
3	G10002 G10229	4 4	Hex Head Cap Screw, ⅜"-16 x ¾" Lock Washer, ⅜"
4	GA4444	1	Lid
5	GA26287	1	Hopper Panel Extension **(Non-Stock Item)**
6	GD11424	4	Block
7	G10023 G10621	2 2	Hex Head Cap Screw, ¼"-20 x ¾" Serrated Flange Nut, ¼"-20
8	GD1060	1	Hinge
9	GA8371	1	Hopper

RUA051/RUB028(RU91a)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10567	3	External Retaining Ring, ⅝"
2	GD11239	1	Knob
3	G10602	1	Spring Pin, ¼" x 1½"
4	---	-	See “Granular Chemical Hopper and Hopper Panel Extension” on page P33
5	GA8364	1	Sprocket and Bearing, Drive Clutch, 24 Tooth
6	GD11413	1	Spring
7	GD11240	1	Shaft
8	GB0278	1	Coupler
9	G10546	2	Spring Pin, 3⁄16" x 1¼"
10	GD11297	1	Shaft
11	G11793	4	Hex Socket Head Cap Screw, No. 10-24 x ⅞"
12	GD7148	1	Feed Roller, Hex Bore
13	GB0115	2	Bearing
14	GD7258	2	Hex Bushing
15	---	-	---
16	G10660	1	Wave Washer, ½"
17	G11385	1	Flat Washer, ¼" SAE
18	G10570	1	Slotted Hex Self-Tapping Screw, ¼"-20 x ¾"
19	G11073	2	Slotted Hex Self-Tapping Screw, No. 10 x ⅜"
20	GD1061	1	Support Strap
21	GD1063	1	Metering Gate
22	GB0116	1	Granular Housing
A	GA8326	-	Granular Chemical Meter Complete (Items 1, 9, 10, 12-14 and 16-22)
B	GA8366	-	Granular Chemical Meter Clutch (Items 1-3 and 5-9)

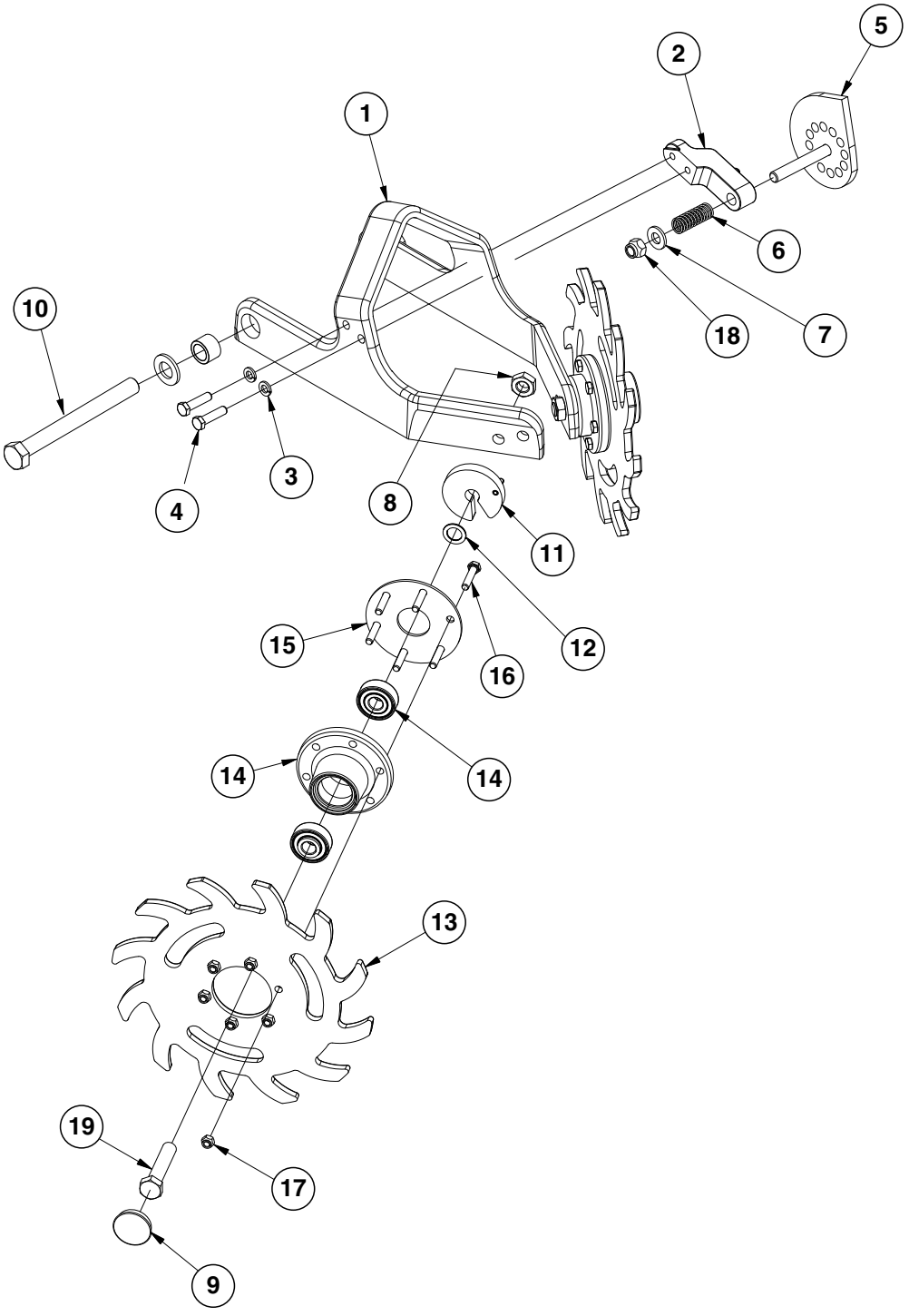
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ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10636	8	Carriage Bolt, ½"-13 x 1½"
2	GA24239	1	Arm
3	G10111	8	Lock Nut, ½"-13
4	GD7803 GD7804 GD9254 G10901301	1 - - -	Disc Blade, Fluted, 1", 8 Flutes (Shown) Disc Blade, Bubbled, 1" Disc Blade, Fluted, ¾", 13 Flutes Disc Blade, Fluted, 5⁄16", 25 Waves
5	GD11677	2	Adapter
6	GA8641	1	Hub W/Bearing And Retaining Ring (Includes items 7 and 8)
7	GA8603	1	Bearing, Double Row
8	GD19292	1	Retaining Ring (Square), 2 7⁄16"
9	G10036 G10107	1 1	Hex Head Cap Screw, ⅝"-11 x 4" Lock Nut, ⅝"-11

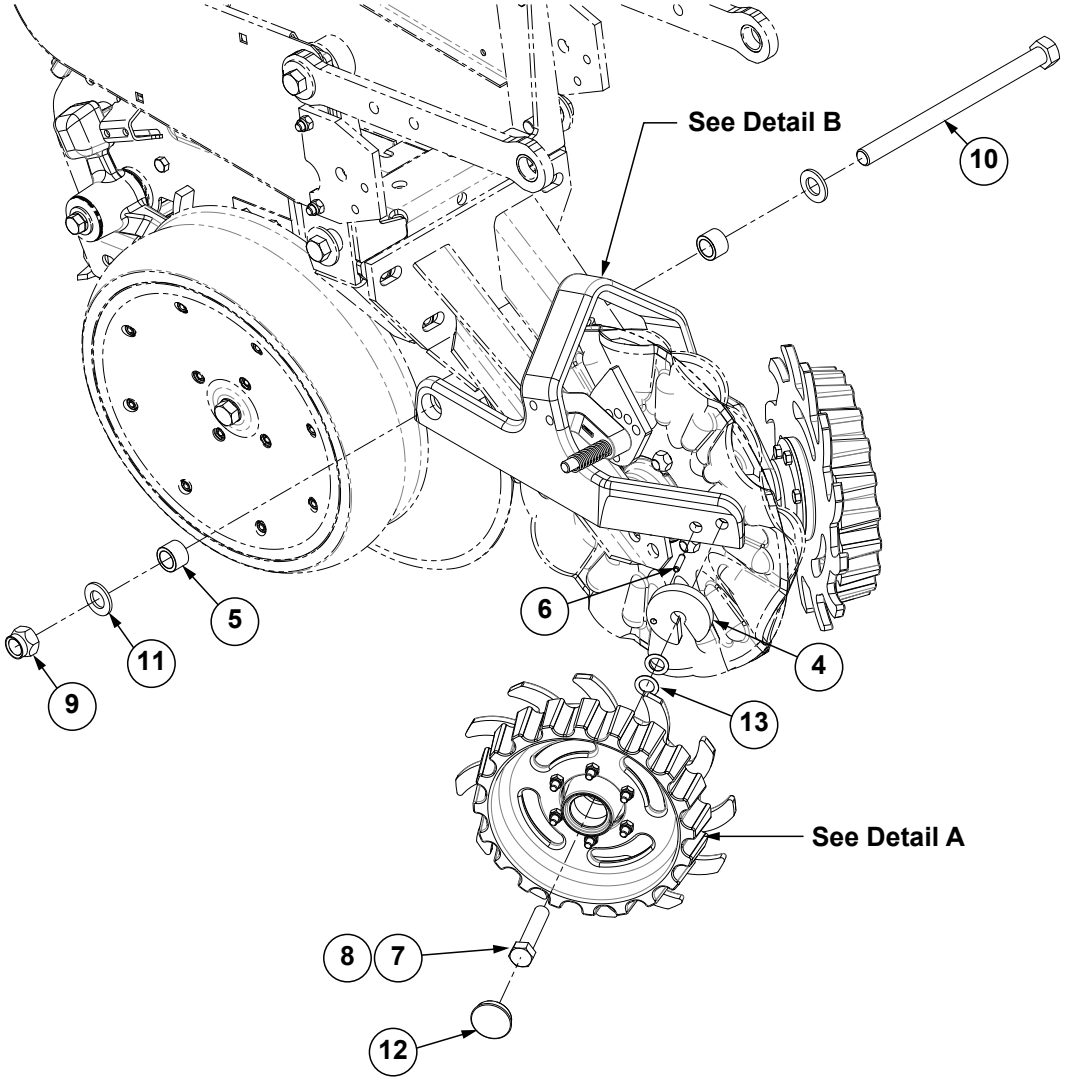
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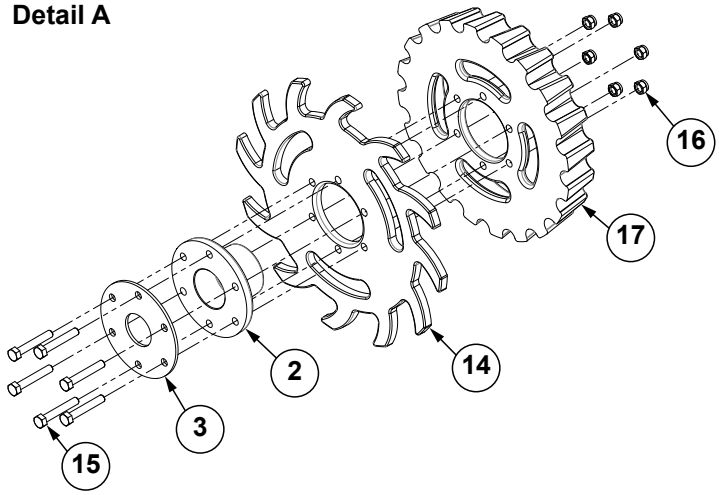


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GB0464	1	Residue Wheel Mount
2	GD26973	1	Cam Locking Pin
3	G10229	2	Lock Washer, ⅜"
4	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
5	GA27038	1	Cam
6	GD10519	1	Spring
7	G11389	1	Flat Washer, ½" Plated SAE
8	G10503	2	Hex Jam Nut, ⅝"-11, Grade 2
9	GD1132	2	Dust Cap
10	G11236 G11392 GB0383 G11228	1 2 2 1	Hex Head Cap Screw, ¾"-10 x 10½" Flat Washer, ¾" SAE Bushing, 1⅛" O.D. x 25/32" I.D. x ¾" Long Lock Nut, ¾"-10
11	GA8760 G10765	2 -	Weed Guard W/Spring Pin Spring Pin, ¼" x 1" (Included W/GA8760)
12	GD30725	4	Machine Bushing, ⅝" (.030" Thick)
13	GB0387	2	Wheel, 12 Tine, ⅜" x 12"
14	GA5654 GA2014	2 -	Hub W/Bearings Bearing (Included W/GA5654)
15	GD9724	2	Backing Plate
16	G10133	12	Hex Head Cap Screw, 5/16"-18 x 1½"
17	G10109	12	Lock Nut, 5/16"-18, Grade 8
18	G10974	1	Lock Nut W/Nylon Insert, ½"-13
19	G10010	2	Hex Head Cap Screw, ⅝"-11 x 3"
A	GA12235	-	L.H. Residue Wheel (Items 13-17)
B	GA12236	-	R.H. Residue Wheel (Items 13-17)

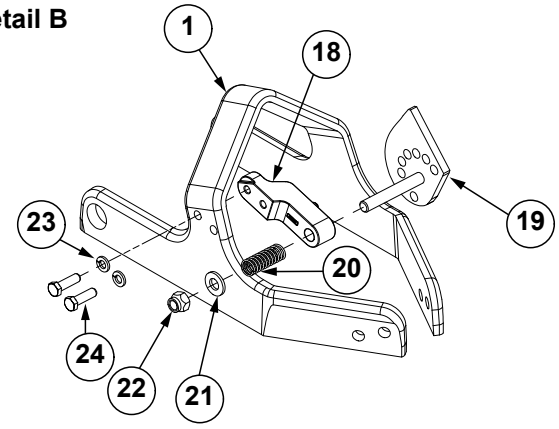
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Detail A

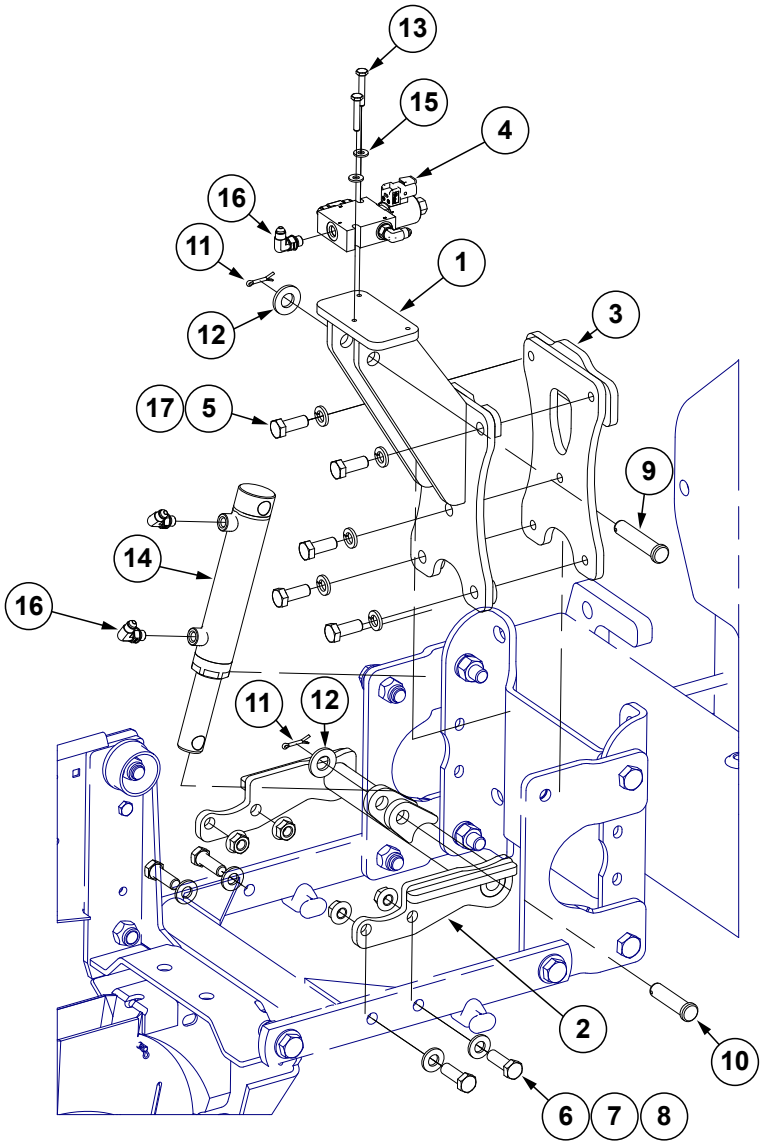


Detail B



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GB0464	1	Residue Wheel Mount
2	GA5654	2	Hub W/Bearings
	GA2014	-	Bearing (Included W/GA5654)
3	GD9724	1	Backing Plate
4	GD11784	2	Weed Guard
5	GB0383	2	Bushing, 1⅛" O.D. x ²⁵⁄₃₂" I.D. x ¾" Long
6	G10765	2	Spring Pin, ¼" x 1"
7	G10010	2	Hex Head Cap Screw, ⅝"-11 x 3"
8	G10503	2	Hex Jam Nut, ⅝"-11, Grade 2
9	G11228	1	Lock Nut, ¾"-10
10	G11236	1	Hex Head Cap Screw, ¾"-10 x 10½"
11	G11392	2	Flat Washer, ¾" SAE
12	GD1132	2	Dust Cap
13	GD30725	4	Machine Bushing, ⅝" (.030" Thick)
14	GB0387	1	Wheel, 12 Tine, ⅜" x 12"
15	G10041	6	Hex Head Cap Screw, ⅝"-18 x 2"
16	G10109	6	Lock Nut, ⅝"-18, Grade 8
17	G10427101	1	Row Cleaner Floater
18	GD26973	1	Cam Locking Pin
19	GA27038	1	Cam
20	GD10519	1	Spring
21	G11389	1	Flat Washer, ½" Plated SAE
22	G10974	1	Lock Nut W/Nylon Insert, ½"-13
23	G10229	2	Lock Washer, ⅜"
24	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
A	G10652801	1	L.H. Residue Wheel (Items 2-3 and 14-17)
B	G10652901	1	R.H. Residue Wheel (Items 2-3 and 14-17)

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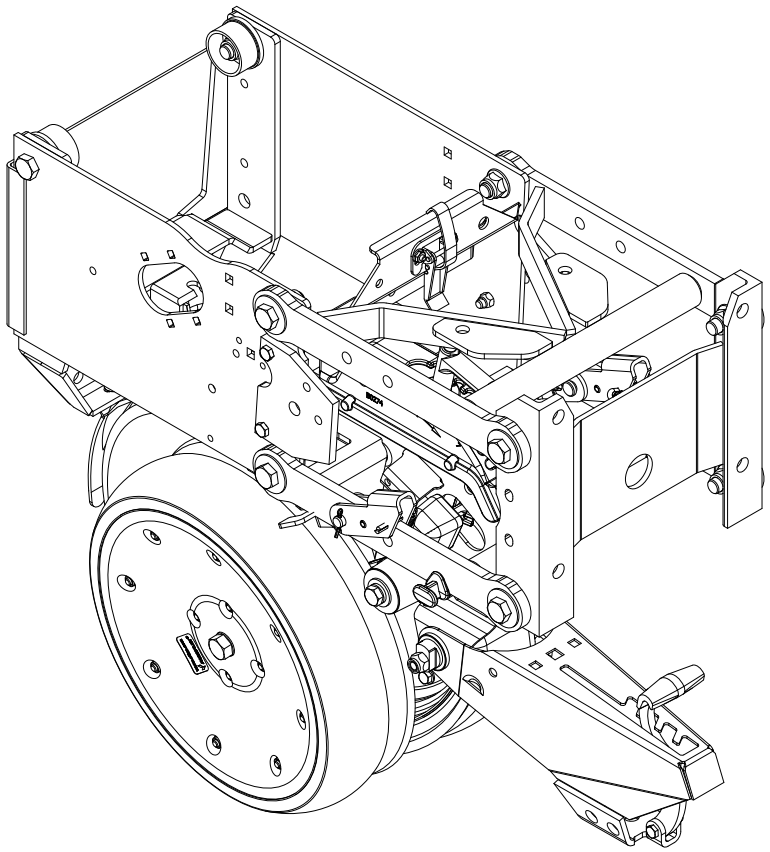


ITEM	PART NO.	QTY. (per row)	DESCRIPTION
1	GA25258	1	Upper Mounting Bracket
2	GA25257	1	Lower Mounting Bracket
3	GA25401	1	Back Mount
4	---	1	See “Row Unit Control Block, Pull Row Units” on page P204
5	G10037	5	Hex Head Cap Screw, ½"-13 X 1¼"
6	G10017	4	Hex Head Cap Screw, ½"-13 x 1½"
7	G11389	4	Flat Washer, ½" Plated SAE
8	G10071	4	Serrated Flange Nut, ½"-13
9	G11875	1	Clevis Pin, ⅝" x 3"
10	G10564	1	Clevis Pin, ⅝" x 2½"
11	G10451	2	Cotter Pin, ⅛" x 1"
12	G11391	2	Flat Washer, ⅝" SAE
13	GD35459	2	Hex Head Cap Screw, ¼"-20 x 1½", Grade 5 (W/Blue Loctite)
14	G10983402	1	See “Hydraulic Down Force Cylinder” on page P185
15	G11385	2	Flat Washer, ¼" SAE
16	G6801-04-04	3	90° Elbow, 7/16"-20
17	G10228	5	Lock Washer, ½"

NOTE: Push row units use the same seed tube, row unit depth adjustment components, quick adjustable down force springs, 15" opener disc blades, gauge wheels, closing wheels, meter drive and seed hopper as the pull row unit. See those pages for common parts.

See “Shank Assembly, Seed Tube, and Depth Adjustment” on page P3
See “Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option” on page P7
See “15” Seed Opener Disc Blade/Bearing Assembly and Scrapers” on page P11
See “Gauge Wheels” on page P13
See “”V” Closing Wheels” on page P15
See “Hopper Support and Meter Drive” on page P19
See “Seed Hopper and Lid” on page P24
See “Row Unit Idler (Ground Contact Drive)” on page P21

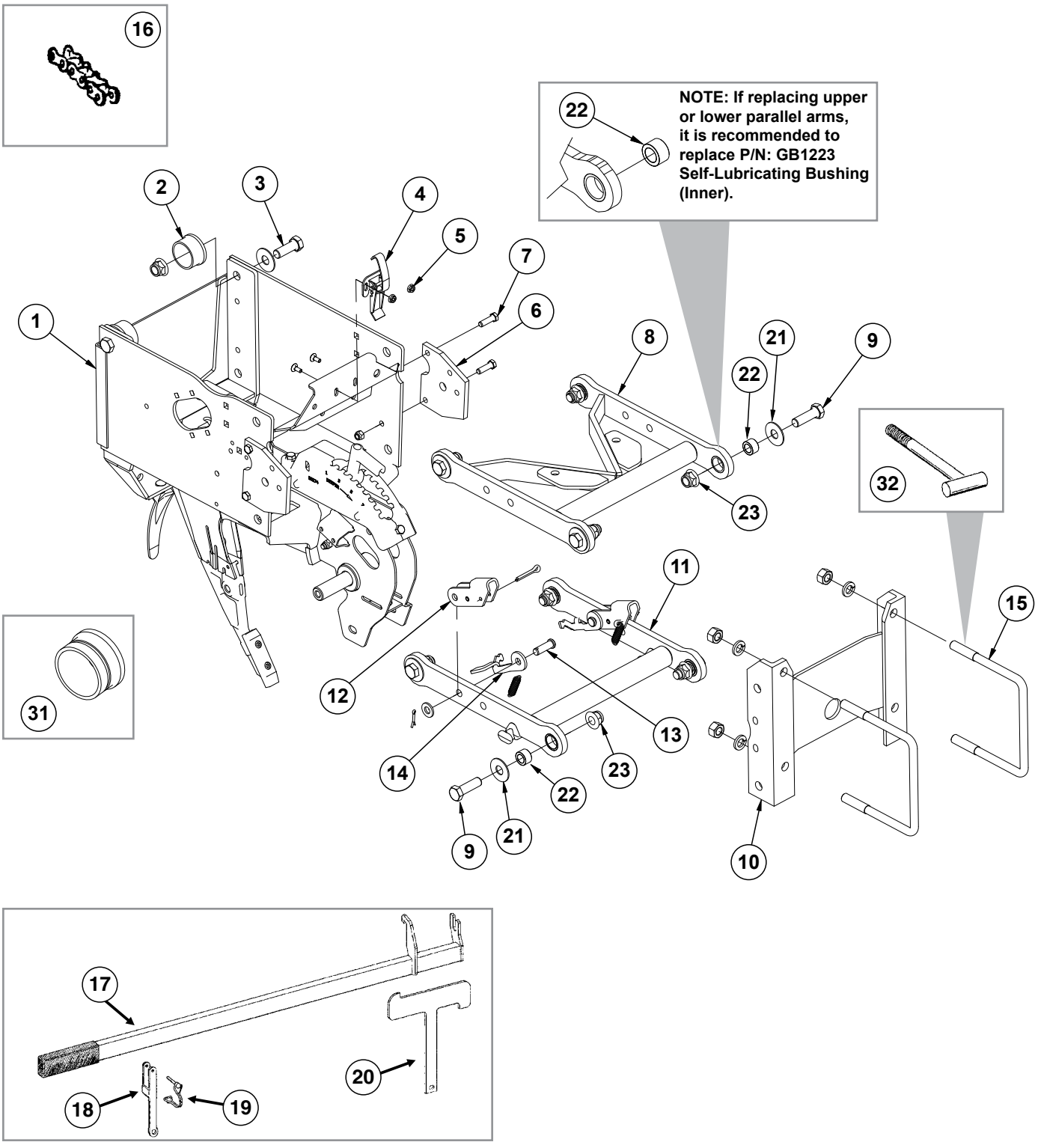
NOTE: Row unit assembly does not include the following: seed meter assembly, seed tube assembly, row unit hopper assembly, closing wheels, or seed meter clutch.

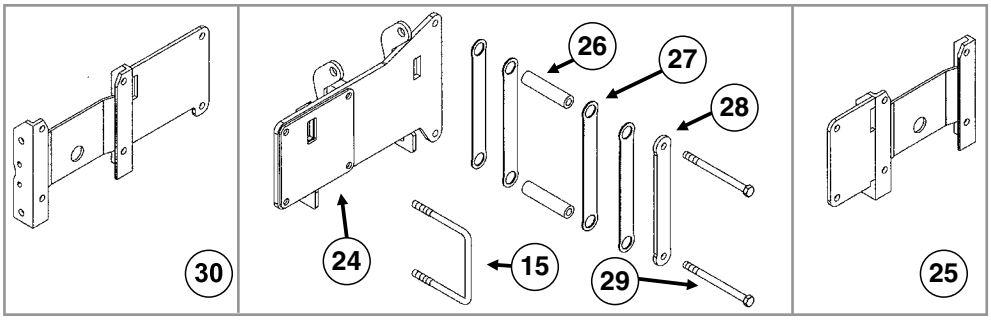


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10504X	1	Push Row Unit Assembly, Standard Gauge Wheel
2	G10985X	1	Push Row Unit Assembly, Spoked Gauge Wheel

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NOTE: Push row units use the same seed tube, row unit depth adjustment components, quick adjustable down force springs, 15" opener disc blades, gauge wheels, closing wheels, meter drive and seed hopper as the pull row unit. See those pages for common parts.





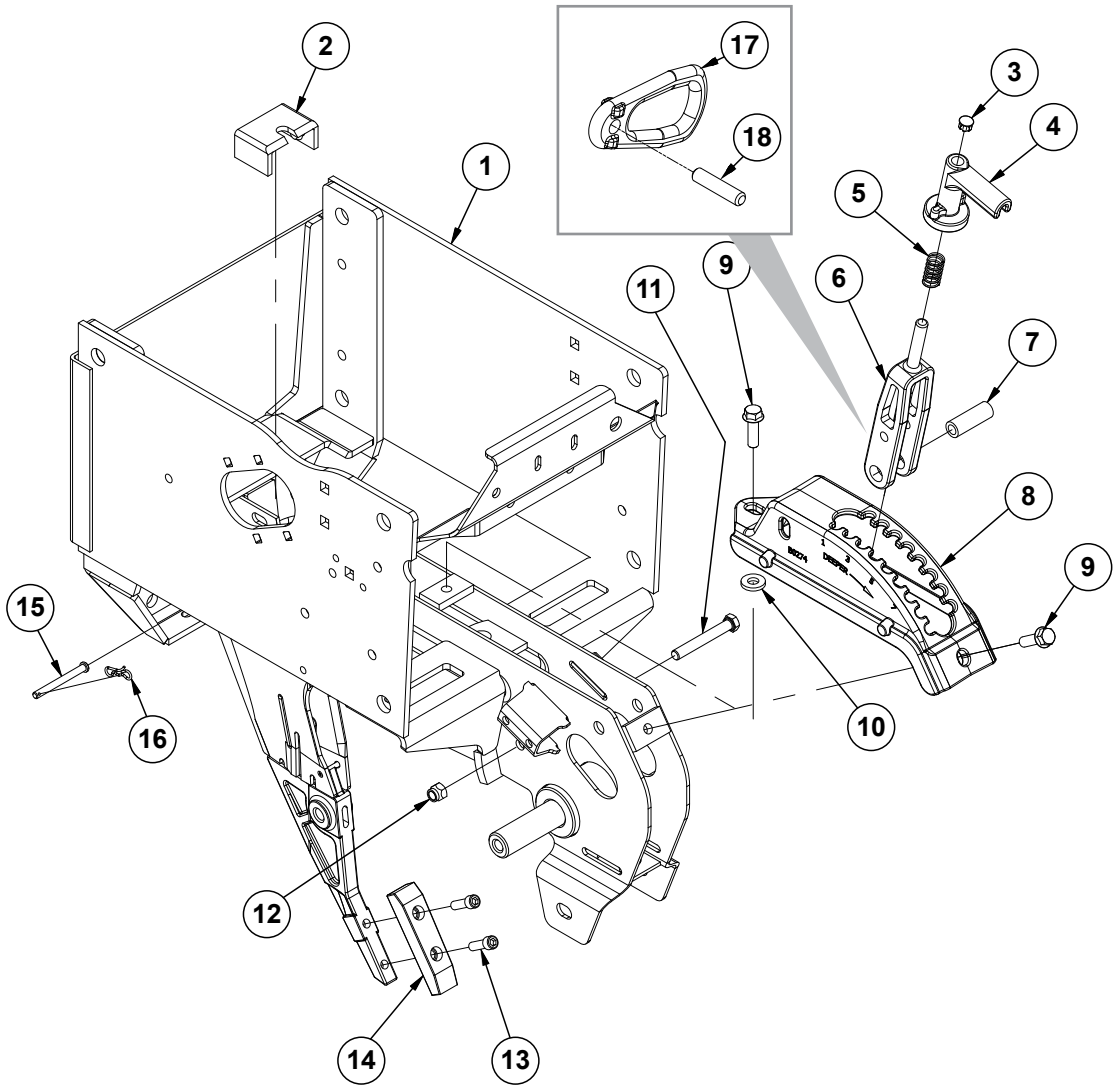
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	1	See “Shank and Depth Adjustment (Split Row)” on page P49
2	GB0314	2	Hopper Mount
3	G10751 G11514	2 2	Hex Head Cap Screw, ⅝"-18 x 1¾" Lock Nut, ⅝"-18
4	GA2007	1	Hopper Hold Down Latch
5	G10621 G10309	2 2	Serrated Flange Nut, ¼"-20 Carriage Bolt, ¼"-20 x ⅝", Grade 5
6	GD24545	2	Row Unit Stop
7	G10003 G10108	4 4	Hex Head Cap Screw, ⅜"-16 x 1½" Lock Nut, ⅜"-16
8	G10011301 GB1224	1 -	Upper Parallel Arm Assembly Self-Lubricating Bushing (Included W/G10011301)
9	G10732	4	Hex Head Cap Screw, ⅝"-18 x 2"
10	GA11971	1	Mounting Plate
11	G10011401 GB1224	1 -	Lower Parallel Arm Assembly Self-Lubricating Bushing (Included W/G10011301)
12	GD11264 G10718 G10463 GD25569	1 2 2 2	Lockup Spring Pin, 5⁄16" x 1⅛" Cotter Pin, ¼" x 1½" Spring
13	G10284 G11389 G10451	2 2 2	Clevis Pin, ½" x 1½" Flat Washer, ½" Plated SAE Cotter Pin, ⅛" x 1"
14	GD25568 GD29459	1 1	Spring Mount Tab, L.H. Spring Mount Tab, R.H.
15	GD1113 G10230 G10104	2 4 4	U-Bolt, 5" x 7" x ⅝"-11 Lock Washer, ⅝" Hex Nut, ⅝"-11
16	G3303-96 GR0196	1 1	Chain, No. 41, 96 Pitch Including Connector Link Connector Link, No. 41
17	GA24889 GD11649	-	Lift Lever W/Boot Boot (Included W/GA24889)
18	GD35471	1	Bracket (Lift Lever)
19	GD9695	1	Wire Lock Pin, ¼" x 1¾"
20	GD35472	1	Mount
21	G11976	8	Flat Washer, ⅝" x 1¾"
22	GB1223	8	Self-Lubricating Bushing
23	G11514	8	Lock Nut, ⅝"-18
24	GA12677	-	Offset Hinge Mount
25	GA12675	-	Offset Mount
26	GD7817-18	2	Spacer, 11⁄16" I.D. x 5 ½" Long

Continued on the next page.

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
27	GD18136	4	Pad
28	GD18135	1	Bar
29	G10341 G10230 G10104	- - -	Hex Head Cap Screw, ⅝"-11 x 8" Lock Washer, ⅝" Hex Nut, ⅝"-11
30	GA12676	-	Offset Mount
31	GD17052 G10001 G10108 G11387	- - - -	Vacuum Plug Hex Head Cap Screw, ⅜"-16 x 1" Lock Nut, ⅜"-16 Flat Washer, ⅜" SAE
32	GA9105 G10230 G10104	- - -	T-Bolt, ⅝"-11 x 6" (Center Rows) Lock Washer, ⅝" Hex Nut, ⅝"-11
A	G1K534	-	Push Unit Lock-Up Kit, Items 6, and 12-14 (Includes GD24545 - Push Unit Stop)
B	G1K535	-	Push Unit Spring Lock-Up Kit, Items 12-14
C	G1K759	-	Push Row Unit Parallel Kit, Includes: (1) G10011301, (1) G10011401, (8) GB1223, (8) G11976, (2) G10732, (8) G11514, (6) G10751, (2) IS1066

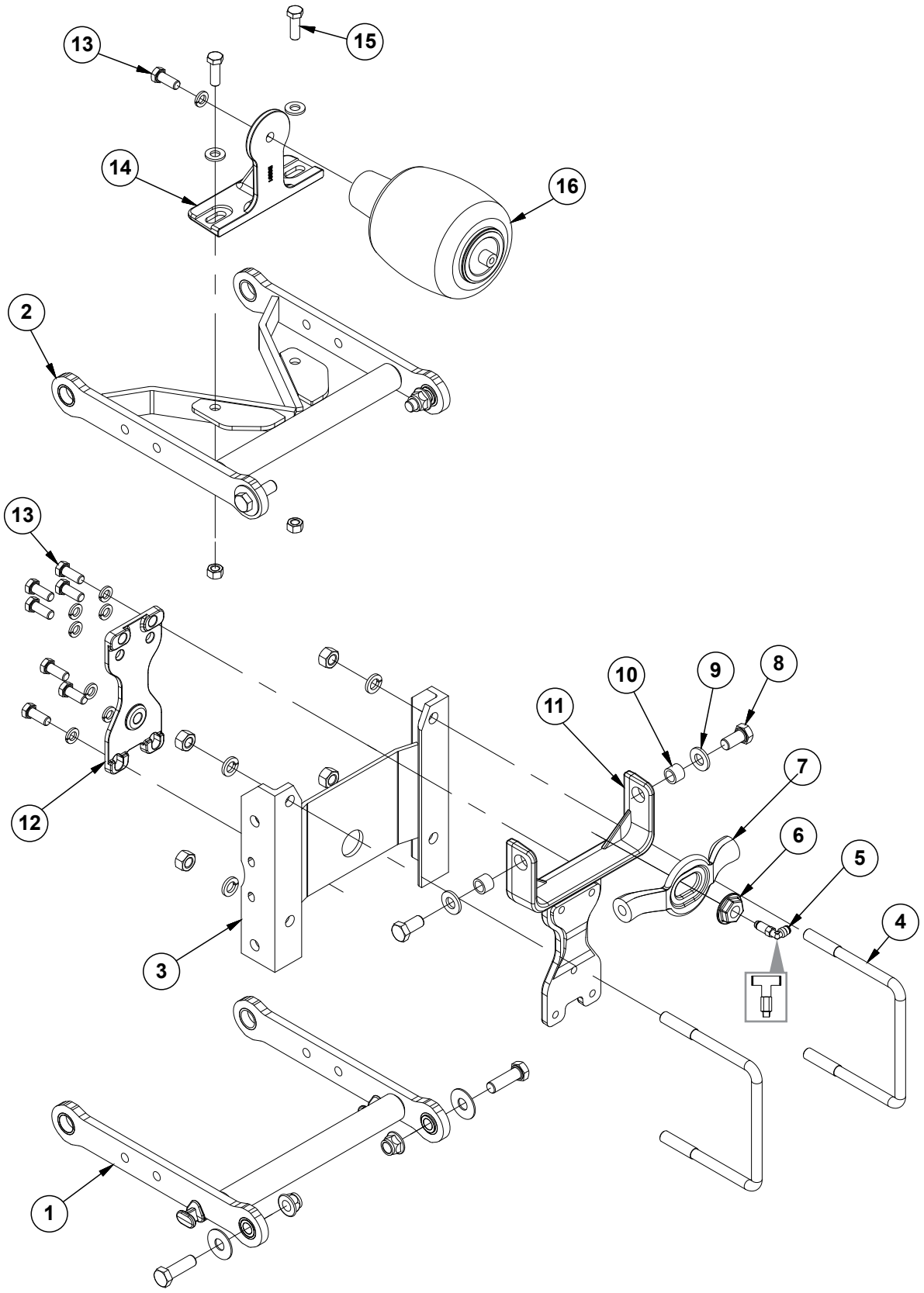
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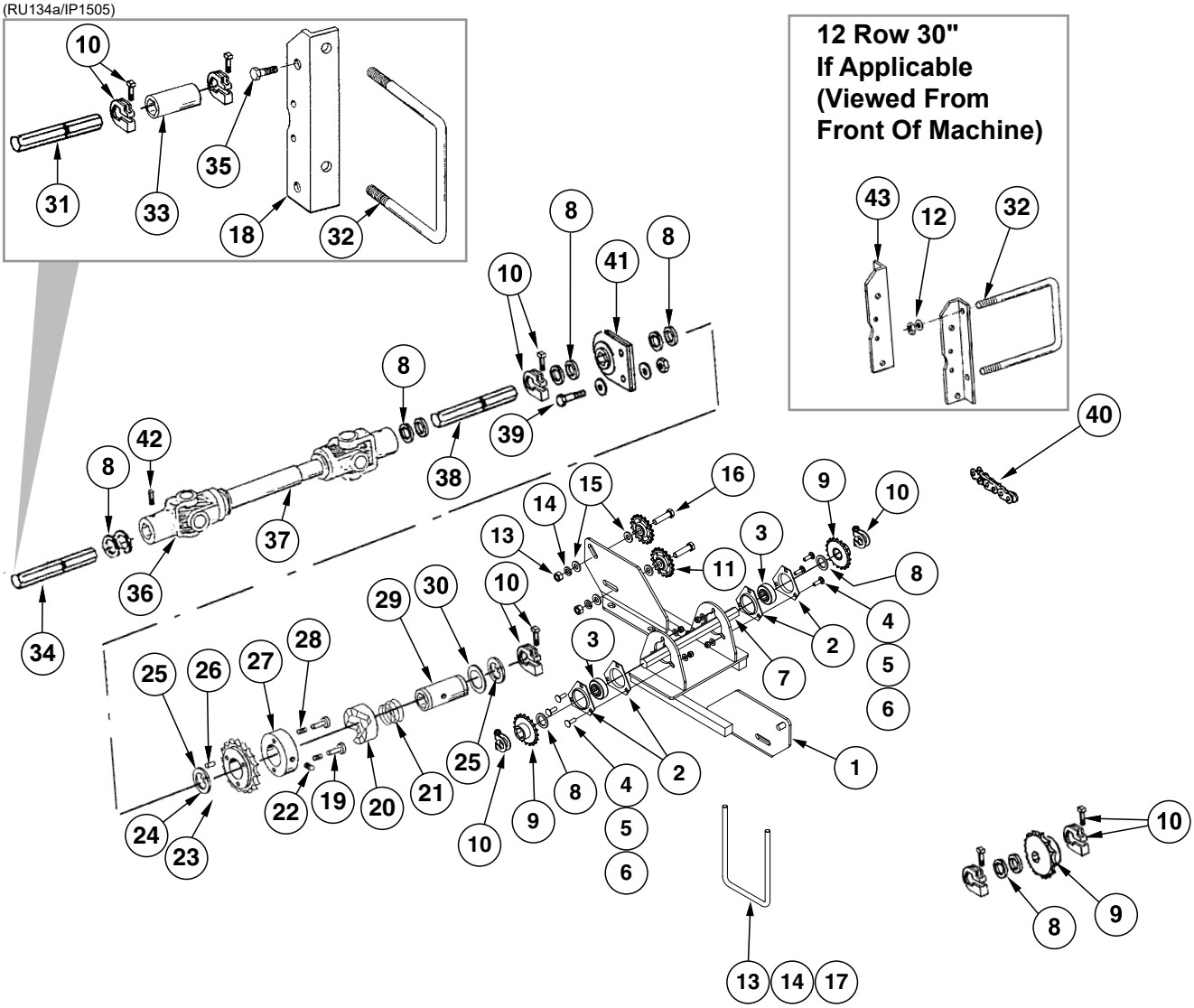
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA26297	1	Push Row Unit Shank
2	GD16245	1	Sun Shade (Rubber)
3	GD3612	1	Cap Plug
4	GB0266	1	Handle, Depth Adjustment
5	GD10993	1	Spring
6	GB0267	1	Lever, Depth Adjustment
7	GD11259	1	Sleeve, 3/8" I.D. x 5/8" O.D. x 1 25/32" Long
8	GB0274	1	Cover, Depth Adjustment
9	G11015	2	Hex Washer Head Cap Screw, 3/8"-16 x 1 1/4"
10	G10207	1	Washer, 7/8" O.D. x 13/32" I.D. x .134"
11	G11592	1	Hex Head Cap Screw, 3/8"-24 x 2 3/4", Grade 8
12	G11591	1	Nylon Lock Nut, 3/8"-24, Grade C
13	G10500901	2	Hex Socket Head Cap Screw, 5/16"-18 x 1"
14	G10038601	1	Scraper
15	G10551	1	Clevis Pin, 1/4" x 2 1/2"
16	G10122301	1	Bow Tie Cotter Pin
17	GB0285	1	Collar, Depth Adjustment
18	G10402701	1	Pin, 3/8" x 1 2/3"

(IP1641)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	---	See “Parallel Arms and Face Plate (Split Row)” on page P45
2	---	---	See “Parallel Arms and Face Plate (Split Row)” on page P45
3	---	1	See “Parallel Arms and Face Plate (Split Row)” on page P45
4	---	---	See “Parallel Arms and Face Plate (Split Row)” on page P45
5	GD18011 GD18274	1 -	Elbow, ⅜" x ⅛" NPT Extended Tee, ⅜" x ⅛" NPT Extended, Push Row Unit
6	GB0397	1	Shoulder Nut, ¾"-16
7	GB0392	1	Yoke
8	G11018	2	Hex Head Cap Screw, ⅝"-18 x 1¼"
9	G11391	2	Flat Washer, ⅝" SAE
10	GD3180-30	2	Sleeve, ⅞" O.D. x ⅝" I.D. x ²¹⁄₃₂"
11	GB0390	1	Yoke Mount
12	GB0389	1	Plate
13	G10037 G10228	8 8	Hex Head Cap Screw, ½"-13 x 1¼" Lock Washer, ½"
14	GB0391	1	Mount
15	G10017 G11389 G10228 G10102	2 2 2 2	Hex Head Cap Screw, ½"-13 x 1½" Flat Washer, ½" SAE Lock Washer, ½" Hex Nut, ½"-13
16	GA11982	1	Air Spring Assembly

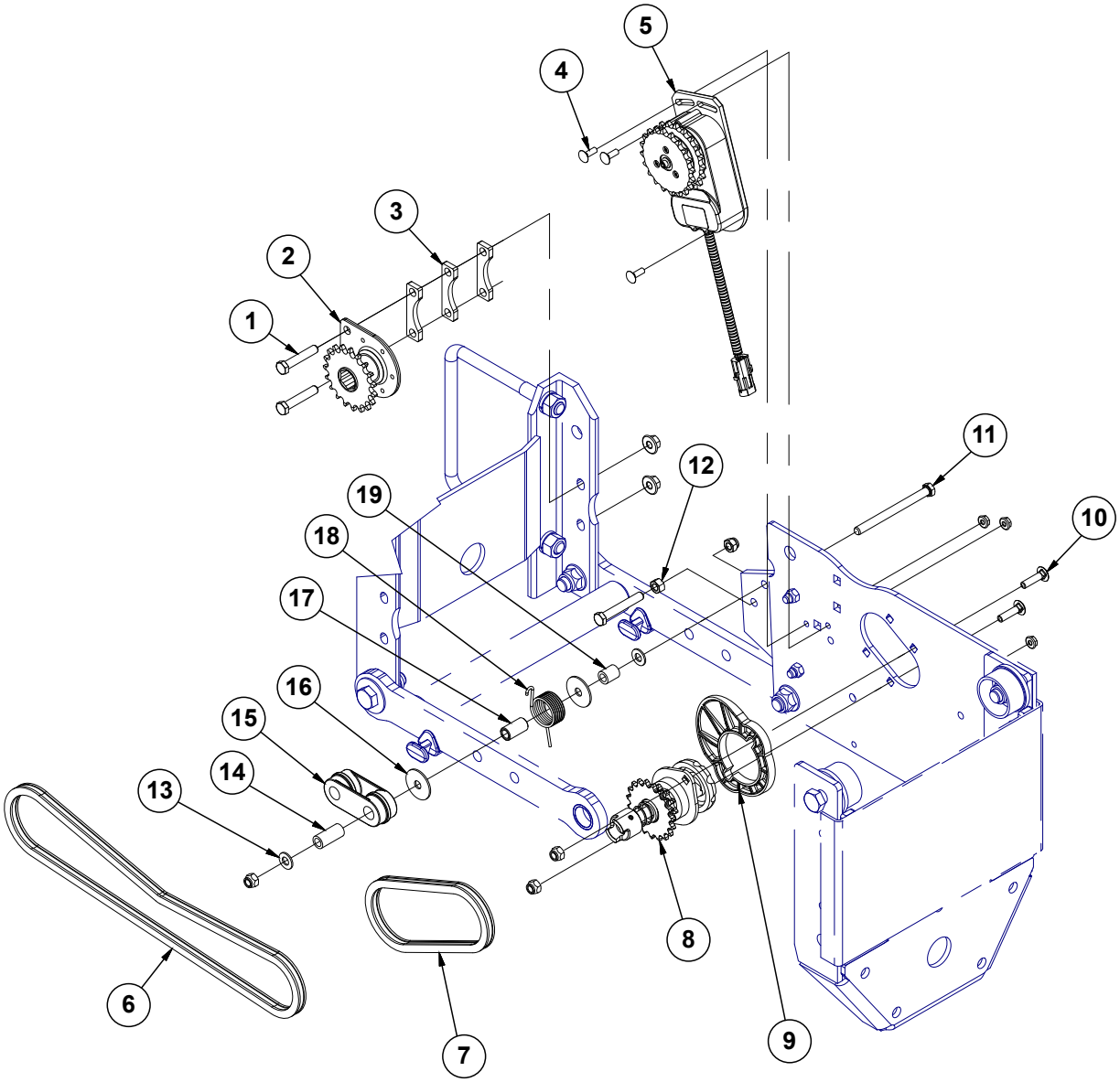
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA24371	1	L.H. Crossover
	GA24372	-	R.H. Crossover
2	G3400-01	4	Flangette
3	G2100-03	2	Bearing, ⅞" Hex Bore, Spherical
4	G11386	6	Flat Washer, 5⁄16" SAE
5	G10109	6	Lock Nut, 5⁄16"-18
6	G10303	6	Carriage Bolt, 5⁄16"-18 x 1"
7	GD0914-12.50	1	Hex Shaft, ⅞" x 12½"
8	G10233	2	Machine Bushing, 1½" x 1⁄32", 10 Gauge (.1345")
9	GA5107	2	Sprocket, 19 Tooth
10	GA11331	2	Hex Lock Clamp Assembly
11	GA7154	2	Sprocket W/Bearing, 18 Tooth
12	GD11973	-	Support Angle, L.H.
13	G10102	4	Hex Nut, ½"-13
14	G10228	4	Lock Washer, ½"
15	G11389	8	Flat Washer, ½" Plated SAE
16	G10016	4	Hex Head Cap Screw, ½"-13 x 2"

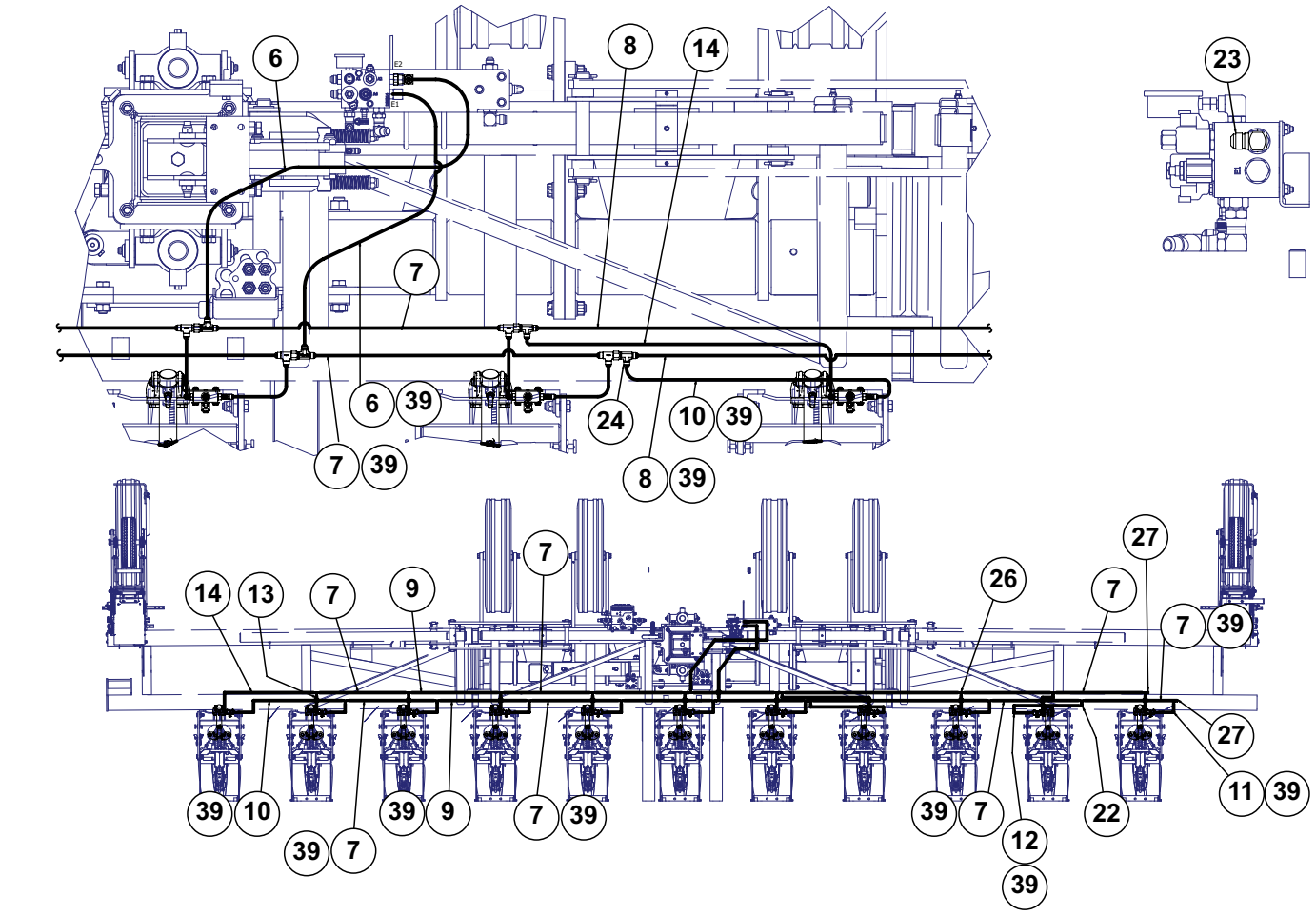
ITEM	PART NO.	QTY.	DESCRIPTION
17	GD8306	2	U-Bolt, 7" x 5" x ½"-13
18	GD11972	-	Support Angle, R.H.
19	GR1410	1	Pin
20	GR1409	1	Knurled Collar
21	GR1408	1	Compression Spring
22	G10535	1	Hex Socket Set Screw, ⅜"-16 x ¾"
23	GR1412	1	Sprocket, 19 Tooth
24	GR1406	1	Bushing
25	G10496	2	External Inverted Snap Ring, 1½"
26	G10968	1	Spring Pin, 5⁄32" x 7⁄16"
27	GR1405	1	Lock Collar
28	GR1413	1	Spring
29	GR1407	1	Drive Shaft
30	GR1411	1	Shim
31	GD0914-15	-	Hex Shaft, ⅞" x 15" (No Holes), 12 Row 30" W/Even-Row Push Row Unit
	GD0914-24	-	Hex Shaft, ⅞" x 24" (No Holes), 12 Row 36"/38" W/Even-Row Push Row Unit
	GD0914-27	-	Hex Shaft, ⅞" x 27" (No Holes), 16 Row 30" W/Even-Row Push Row Unit
32	GD1113	-	U-Bolt, 5" x 7" x ⅝"-11
	G10230	-	Lock Washer, ⅝"
	G10104	-	Hex Nut, ⅝"-11
33	GD1719	-	Coupler, 4"
34	GD0914-48	-	Hex Shaft, ⅞" x 48" (No Holes), R.H. Side, 12 Row 30" And 16 Row 30"
	GD0914-66	-	Hex Shaft, ⅞" x 66" (No Holes), L.H. Side, 12 Row 30" And 16 Row 30"
35	G10752	-	Hex Head Cap Screw, ⅝"-18 x 2¼"
	G11391	-	Flat Washer, ⅝" SAE
	G10412	-	Lock Nut, ⅝"-18
36	GA7052	-	U-Joint W/Grease Fitting, Female, 10¼" Long, 12 Row 30" And 16 Row 30"
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7052)
	GR1297	-	Inboard Yoke And Outer Profile (10¼" U-Joint) (Included W/GA7052)
	GR1298	-	Inboard Yoke And Outer Profile (18⅛" U-Joint)
	GR1294	-	Cross And Bearing Kit (Included W/GA7052)
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7052)
37	GA7051	1	U-Joint W/Grease Fitting, Male, 12¼" Long
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7051)
	GR1296	-	Inner Profile (Included W/GA7051)
	GR1295	-	Inboard Yoke (Included W/GA7051)
	GR1301	-	Spring Pin, 8 mm x 50 mm (Included W/GA7051)
	GR1294	-	Cross And Bearing Kit (Included W/GA7051)
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7051)
38	GD0914-90	-	Hex Shaft, ⅞" x 90" (No Holes), Both Sides, 12 Row 30"
	GD0914-128	-	Hex Shaft, ⅞" x 128" (No Holes), R.H. Side, 16 Row 30"
	GD0914-138	-	Hex Shaft, ⅞" x 138" (No Holes), L.H. Side, 16 Row 30"
39	G10004	-	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11387	-	Flat Washer, ⅜" SAE
	G10229	-	Lock Washer, ⅜"
	G10101	-	Hex Nut, ⅜"-16
40	G3310-122	1	Chain, No. 40, 122 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
41	GA2180	-	Hanger Bearing, ⅞" Hex Bore
42	G10688	-	Square Head Set Screw, ⅜"-16 x ⅝"
A	GA8092	-	Clutch Sprocket Assembly, 19 Tooth (Items 19-30)
B	G1K331	-	Clutch Sprocket Kit (Items 23, 24 And 26)

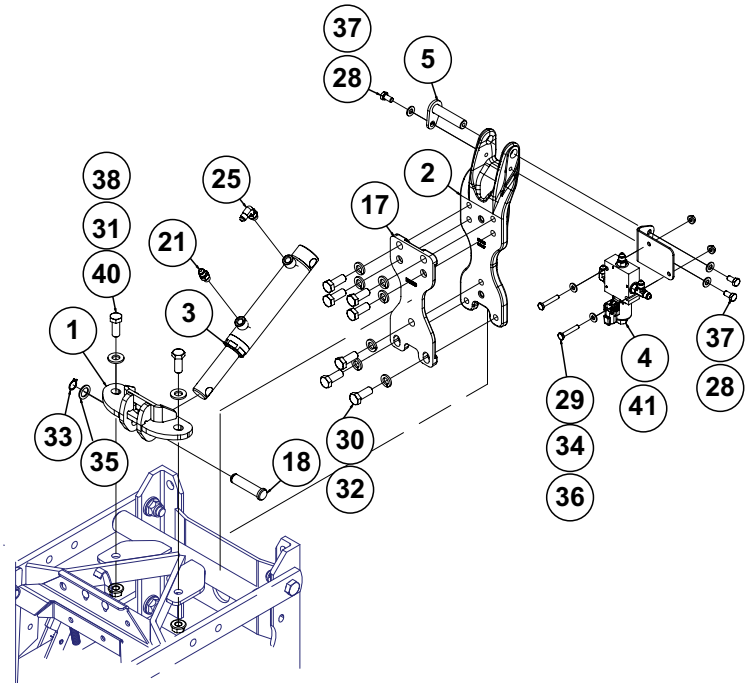
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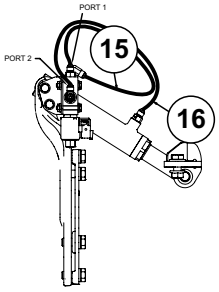


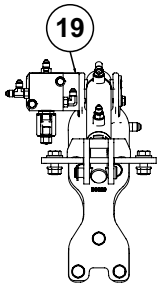
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10048 G11091	2 2	Hex Head Cap Screw, ⅜"-16 x 2" Serrated Flange Nut, ⅜"-16
2	GA1720	1	Bearing/Sprocket, ⅞" Hex Bore
3	GD23774	3	Spacer
4	G10310 G10621	3 3	Carriage Bolt, ¼"-20 x ¾", Grade 2 Serrated Flange Nut, ¼"-20
5	GA16374	1	Electric Clutch
6	G3303-78	1	Chain, No. 41, 78 Pitch Including Connector Link
7	G3303-41	1	Chain, No. 41, 41 Pitch Including Connector Link
8	GA10151 GA20640	1 -	Seed Meter Clutch Assembly, 11/19 Tooth (Mechanical) Seed Meter Clutch Assembly, 11/28 Tooth (Vacuum)
9	G11013701	1	Clutch Adapter Plate
10	G10338 G10109	2 2	Carriage Bolt, 5⁄16"-18 x 1¼" Lock Nut, 5⁄16"-18
11	G10753 G10108	1 2	Hex Head Cap Screw, ⅜"-16 x 4½" Lock Nut, ⅜"-16
12	G10101 G10049	1 1	Hex Nut, ⅜"-16 Hex Head Cap Screw, ⅜"-16 x 2½"
13	G11387	2	Flat Washer, ⅜" SAE
14	GD8893-01	1	Sleeve, 1⅜" Long
15	GB0968	1	Drive Idler, Push Unit
16	G10201	2	Special Washer, ⅜" x 1½" O.D.
17	GD1026	1	Sleeve, 1 3⁄16"
18	GD11218	1	Spring
19	GD2971-24	1	Sleeve, ¾"

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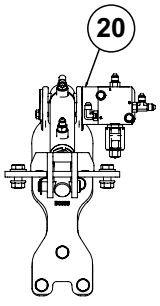








(ROW 2)

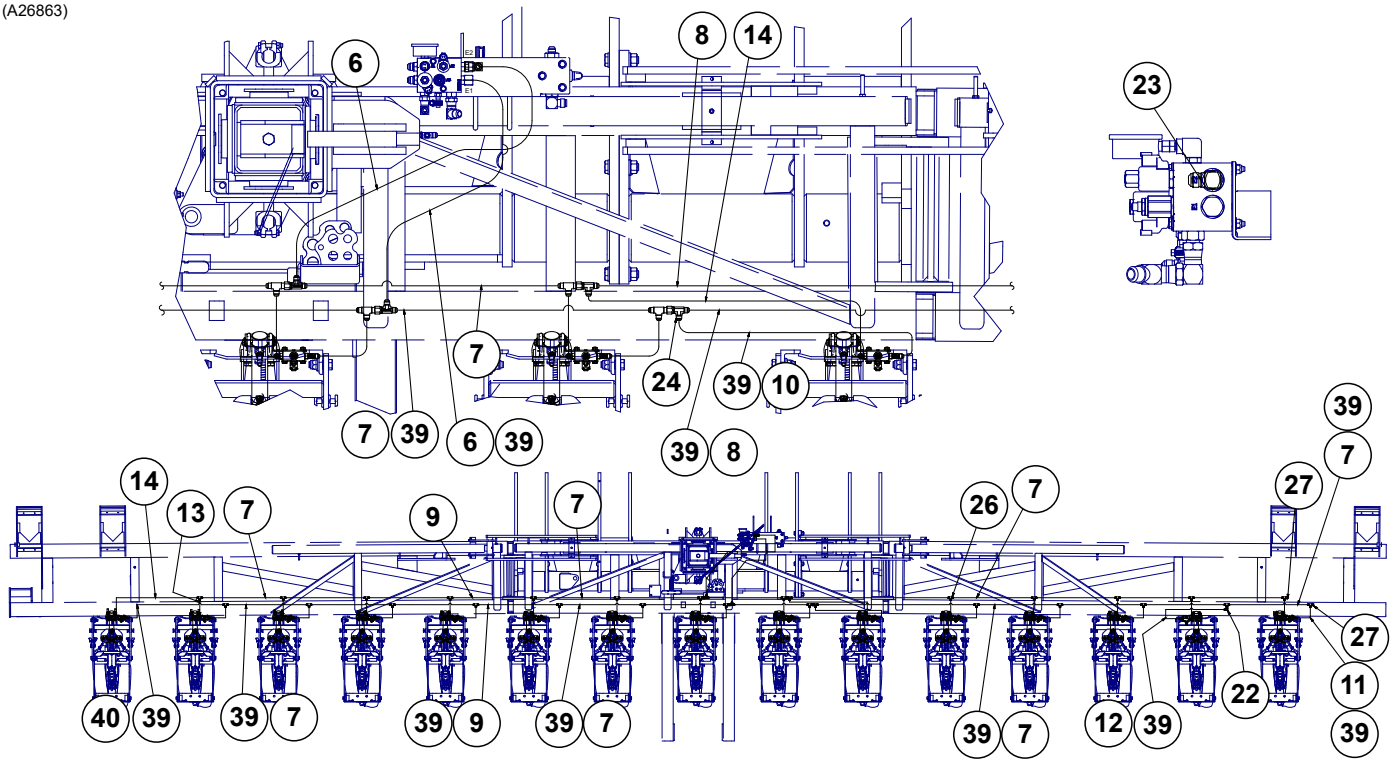


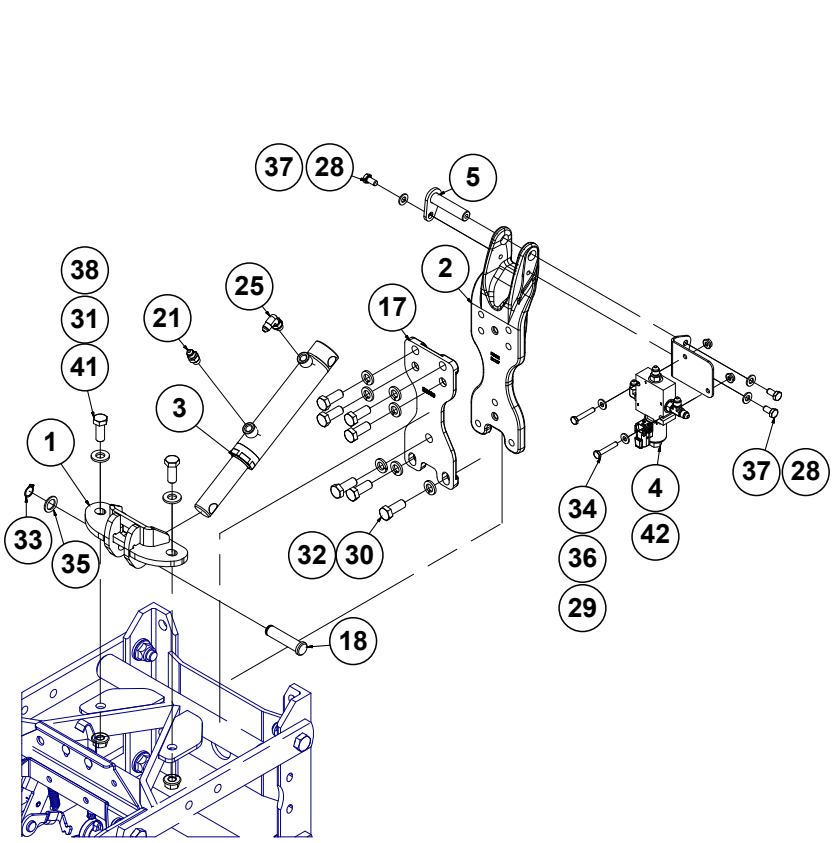
(ROW 1 & ROWS 3-15)

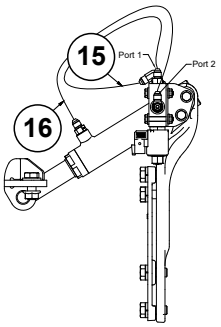
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25240	11	Rod Mount
2	GD35211	11	Down Force Cylinder Mount
3	G10983402	11	See “Hydraulic Down Force Cylinder” on page P185
4	---	9	See “Row Unit Control Block, Push Row Units” on page P205 (Rows, 1, 3, 4, 6, 7, and 9-11)
5	GA25384	11	Hammer Strap Pin
6	*A25690-48	2	Hose Assembly, 3/8" x 48" (06F-08F STD 90)
7	*A12038	12	Hose Assembly, 3/8" x 30" (06F-06F)
8	*A12080	2	Hose Assembly, 3/8" x 64" (06F-06F)
9	*A15081-36	2	Hose Assembly, 3/8" x 36" (06F-06F)
10	*A7680-35	2	Hose Assembly, 1/4" x 35" (04F 90S-06F)
11	*A7680-11	8	Hose Assembly, 1/4" x 11" (04F-06F)
12	*A7681-28	1	Hose Assembly, 1/4" x 28" (04F 90S-06F)
13	*A7680-14	9	Hose Assembly, 1/4" x 14" (04F-04F)
14	*A7682-35	2	Hose Assembly, 1/4" x 35" (04L90F-06F)
15	*A7678-20	11	Hose Assembly, 1/4" x 20" (04F-04F)
16	*A7678-19	11	Hose Assembly, 1/4" x 19" (04F-04F)
17	GB0389	11	Plate
18	GD26970	11	Pin, 5/8" x 2 1/2"
19	GD35230	1	Valve Block Mount, R.H.
20	GD35231	10	Valve Block Mount, L.H.
21	6400-04 GR1465	11 -	Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring O-Ring
22	G6500-06	1	Swivel Elbow, 90°, 9/16"-18 Male JIC To Female
23	G6500-08	1	Swivel Elbow, 90°, 3/4"-16 Male JIC To Female
24	G6602-06	4	Swivel Tee, 9/16"-18 JIC
25	G6801-04-04	11	90° Adjustable Elbow, 7/16"-20
26	G2603-06	18	Tee, 9/16"-18 Male JIC
27	G304-C-6	2	Cap Nut, 9/16"-18
28	G10018	33	Hex Head Cap Screw, 5/16"-18 x 5/8"
29	G10021	22	Hex Head Cap Screw, 1/4"-20 x 1 1/2"
30	G10037	99	Hex Head Cap Screw, 1/2"-13 x 1 1/4"
31	G10071	22	Serrated Flange Nut, 1/2"-13
32	G10228	77	Lock Washer, 1/2"
33	G10567	11	External Retaining Ring, 5/8"
34	G10621	22	Serrated Flange Nut, 1/4"-20
35	G10918	11	Machine Bushing, 5/8", 14 Gauge (.0747")
36	G11385	22	Flat Washer, 1/4" SAE
37	G11386	33	Flat Washer, 5/16" SAE
38	G11389	22	Flat Washer, 1/2" Plated SAE
39	GD35904-01	40	Hose Identification Sleeve, Purple PP
40	G10017	22	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
41	---	2	See “Row Unit Control Block, Push Row Units” on page P205 (Rows 5 and 8)

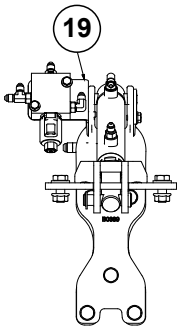
*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(A26863)

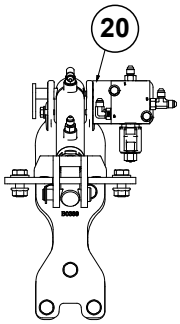








Row 2



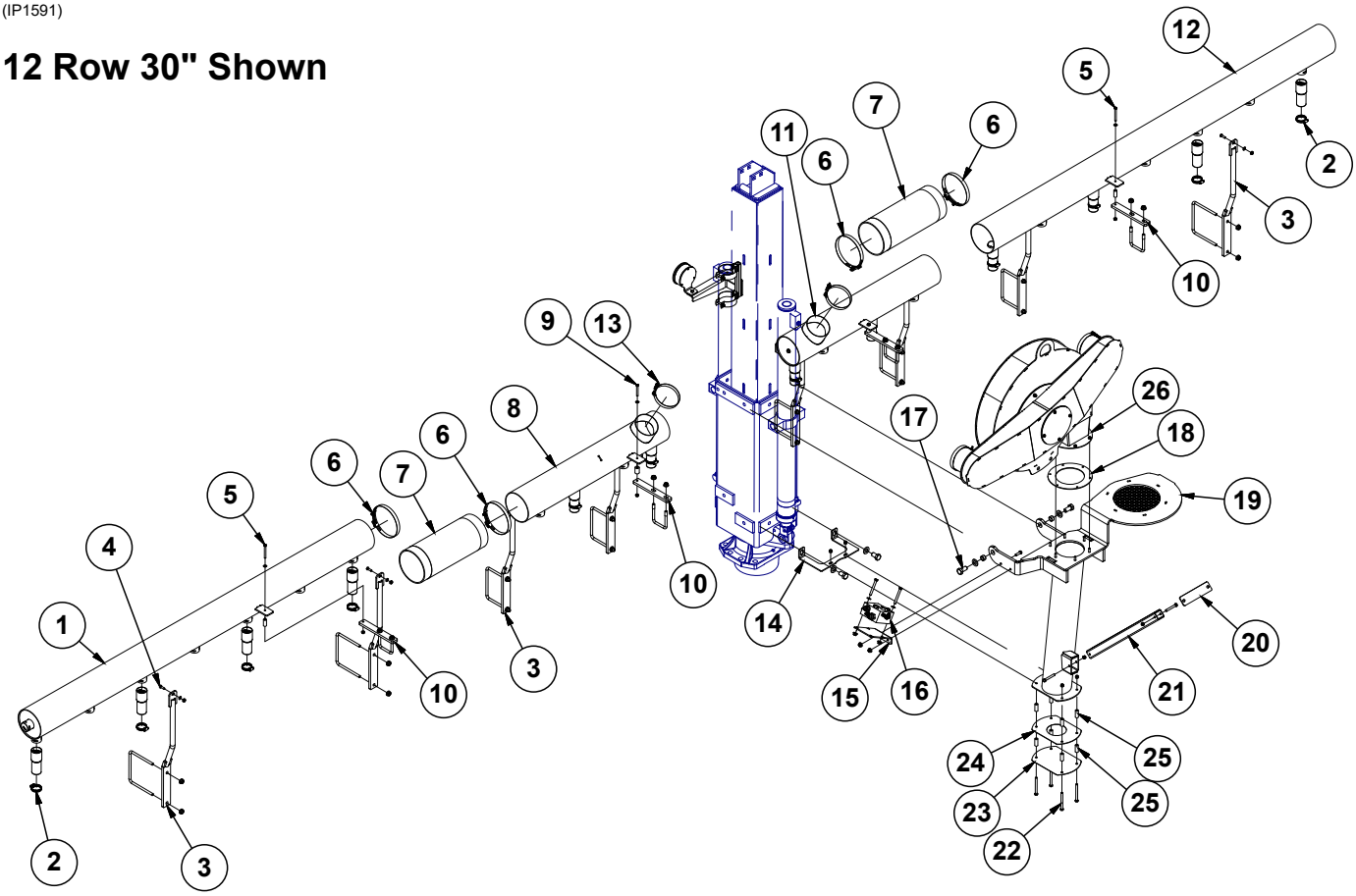
Row 1 & Rows 3-15

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25240	15	Rod Mount
2	GD35211	15	Down Force Cylinder Mount
3	G10983402	15	See “Hydraulic Down Force Cylinder” on page P185
4	---	13	See “Row Unit Control Block, Push Row Units” on page P205
5	GA25384	15	Hammer Strap Pin
6	*A25690-48	2	Hose Assembly, ⅜" x 48" (06F-08F STD 90)
7	*A12038	21	Hose Assembly, ⅜" x 30" (06F-06F)
8	*A12080	2	Hose Assembly, ⅜" x 64" (06F-06F)
9	*A15081-36	2	Hose Assembly, ⅜" x 36" (06F-06F)
10	*A7680-35	1	Hose Assembly, ¼" x 35" (04F 90S-06F)
11	*A7680-9	12	Hose Assembly, 1/4" x 9" (04F-06F)
12	*A7681-28	1	Hose Assembly, ¼" x 28" (04F 90S-06F)
13	*A7680-14	13	Hose Assembly, ¼" x 14" (04F-04F)
14	*A7682-35	2	Hose Assembly, ¼" x 35" (04L90F-06F)
15	*A7678-20	15	Hose Assembly, ¼" x 20" (04F-04F)
16	*A7678-19	15	Hose Assembly, ¼" x 19" (04F-04F)
17	GB0389	15	Plate
18	GD26970	15	Pin, ⅝" x 2½"
19	GD35230	1	Valve Block Mount, R.H.
20	GD35231	14	Valve Block Mount, L.H.
21	6400-04 GR1465	15 -	Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring O-Ring
22	G6500-06	1	Swivel Elbow, 90°, 9/16"-18 Male JIC To Female
23	G6500-08	1	Swivel Elbow, 90°, ¾"-16 Male JIC To Female
24	G6602-06	4	Swivel Tee, 9/16"-18 JIC
25	G6801-04-04	15	90° Adjustable Elbow, 7/16"-20
26	G2603-06	26	Tee, 9/16"-18 Male JIC
27	G304-C-6	2	Cap Nut, 9/16"-18
28	G10018	45	Hex Head Cap Screw, 5/16"-18 x ⅝"
29	G10021	30	Hex Head Cap Screw, ¼"-20 x 1½"
30	G10037	105	Hex Head Cap Screw, ½"-13 x 1¼"
31	G10071	30	Serrated Flange Nut, ½"-13
32	G10228	105	Lock Washer, ½"
33	G10567	15	External Retaining Ring, ⅝"
34	G10621	30	Serrated Flange Nut, ¼"-20
35	G10918	15	Machine Bushing, ⅝", 14 Gauge (.0747")
36	G11385	30	Flat Washer, ¼" SAE
37	G11386	45	Flat Washer, 5/16" SAE
38	G11389	30	Flat Washer, ½" Plated SAE
39	GD35904-01	-	Hose Identification Sleeve, Purple PP
40	*A7680-42	1	Hose Assembly, ¼" x 42" (04F-06F)
41	G10017	30	Hex Head Cap Screw, ½"-13 x 1½"
42	---	2	See “Row Unit Control Block, Push Row Units” on page P205 (Rows 7 and 10)

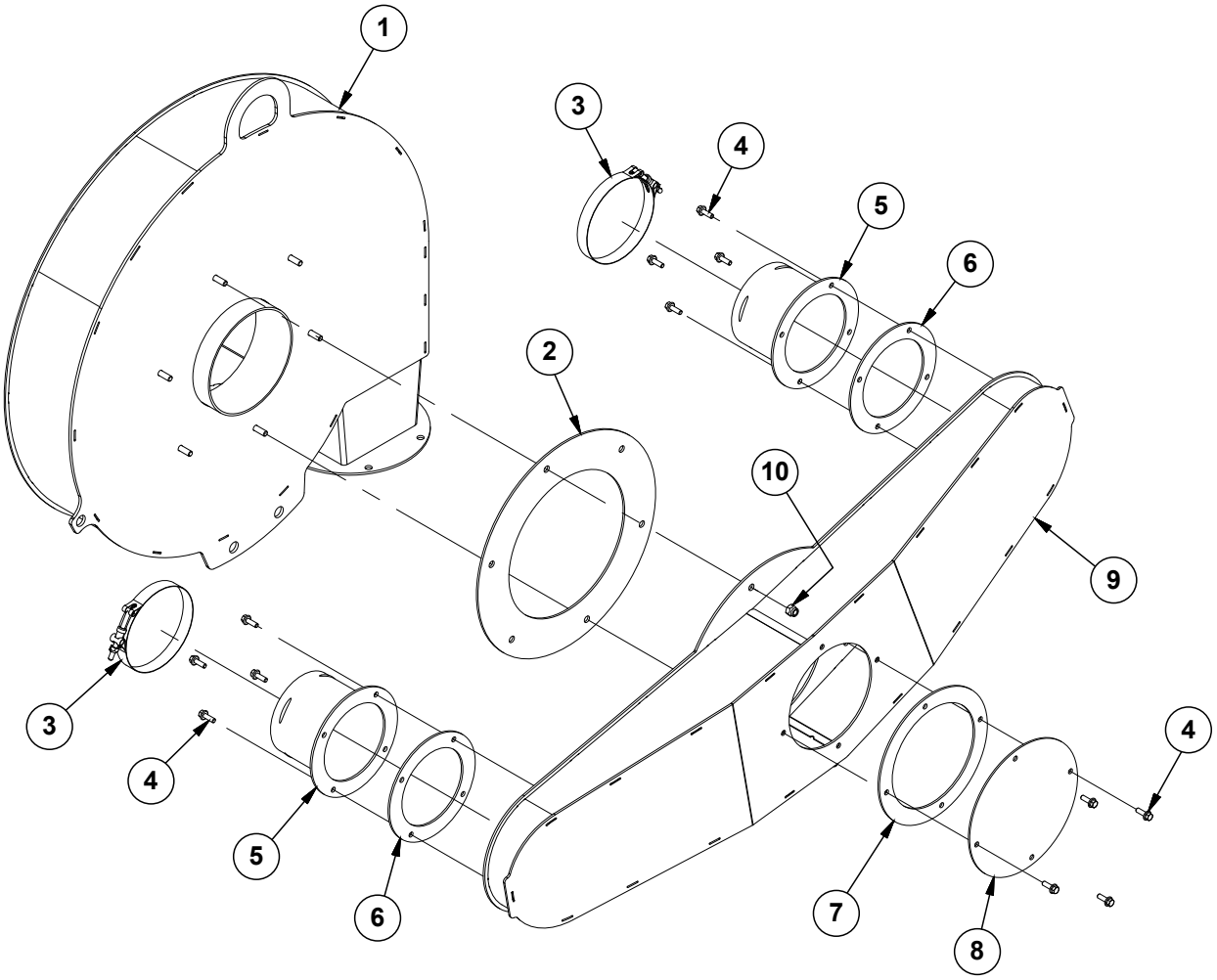
*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(IP1591)

12 Row 30" Shown



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10224001	1	Manifold, 12 Row (Shown)
	G10223501	1	Manifold, 16 Row
2	G10676	12/16	Hose Clamp, No. 36, Stainless Steel
	GD31424	12/16	Vacuum Cuff Screw, 1½"
3	G10117601	8	Mainframe Manifold Mount
	GD11721	8	U-Bolt, 5" x 7" x ½"-13
	G10071	16	Serrated Flange Nut, ½"-13
4	G10019	8	Hex Head Cap Screw, 5/16"-18 x 1"
	G11386	8	Flat Washer, 5/16" SAE
	G10620	8	Serrated Flange Nut, 5/16"-18
5	G10755	2	Hex Head Cap Screw, 5/16"-18 x 3"
	GD2971-21	2	Sleeve
	G11386	2	Flat Washer, 5/16" SAE
	G10620	2	Serrated Flange Nut, 5/16"-18
6	G11146	4	T-Bolt Clamp, 6¾"
7	GD16317-01	2	Hose, 7" x 21"
8	G10117701	1	Manifold
9	G10060	2	Hex Head Cap Screw, 5/16"-18 x 2 ½"
	G11386	2	Flat Washer, 5/16" SAE
	G10620	2	Serrated Flange Nut, 5/16"-18
10	GD20722	4	Wing Manifold Mount
	GD4743	4	U-Bolt, 3" x 3" x ½"-13
11	G10224201	1	Manifold
12	G10100901	1	Manifold, 12 Row (Shown)
	G10223701	1	Manifold, 16 Row
13	G11188	4	T-Bolt Clamp, 5¼"
14	G10244501	1	Diffuser Mount Bracket
	G10025	2	Hex Head Cap Screw, ¾"-10 x 1½"
	G11392	2	Flat Washer, ¾" SAE
15	G10307901	1	Hydraulic Block Mount
	G10809	2	Hex Head Cap Screw, ⅜"-16 x 3¼"
	G11387	2	Flat Washer, ⅜" SAE
	G11091	2	Serrated Flange Nut, ⅜"-16
16	---	1	See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly)" on page P198
	G10809	2	Hex Head Cap Screw, ⅜"-16 x 3¼"
	G11387	8	Flat Washer, ⅜" SAE
17	G10025	2	Hex Head Cap Screw, ¾"-10 x 1½"
	GD20539	2	Bushing
	G11392	2	Flat Washer, ¾" SAE
18	G10083301	1	Flange Seal, 6 Bolt
19	G10349101	1	Fan Mount
20	GA14444	1	Ladder Stiffener Mount
21	G10190401	1	Ladder Stiffener Tube
	G10325	2	Hex Head Cap Screw, ⅜"-16 x 2¾"
	G10108	2	Lock Nut, ⅜"-16
22	G10753	4	Hex Head Cap Screw, ⅜"-16 x 4½"
	G10108	4	Lock Nut, ⅜"-16
23	G10188701	1	Diffuser Cap
24	G10188801	1	Diffuser Ring
25	GD2971-26	8	Sleeve, ⅜" I.D x ⅝" O.D. x 1.63" Long
26	---	1	See "Vacuum Fan Snorkel Mount" on page P63
	G10004	6	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G10108	6	Lock Nut, ⅜"-18

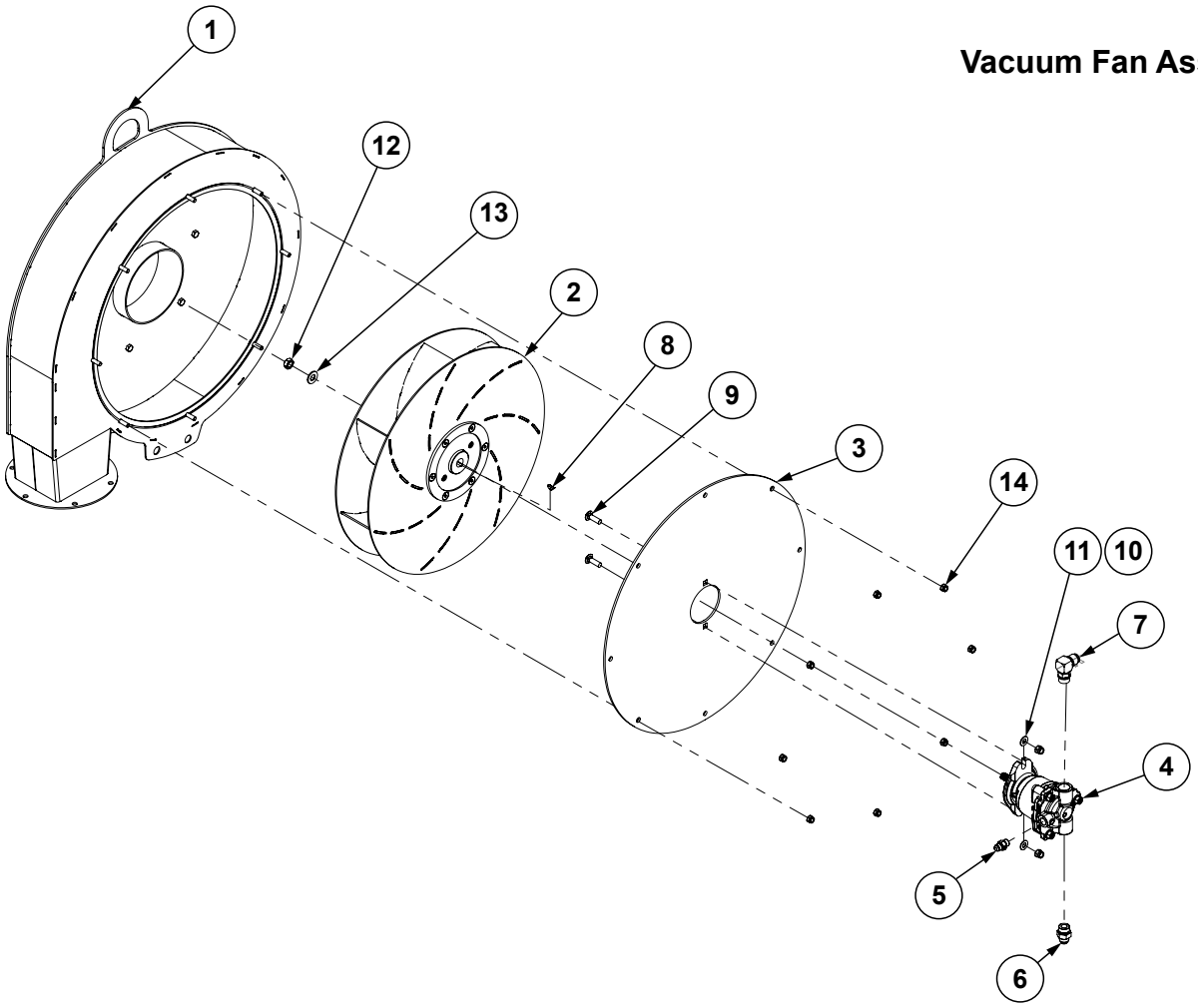


ITEM	PART NO.	QTY.	DESCRIPTION
1	---	---	See "Vacuum System" on page P65
2	G10117801	1	Gasket Spacer
3	G11188	2	T-Bolt Clamp, 5¼"
4	G11166	12	Hex Socket Flange Cap Screw, ¼"-20 x ¾"
5	GA13667	2	Snorkel Flange
6	GD19460	2	Flange Seal, 4 Bolt
7	GD19470	1	Flange Seal, 4 Bolt
8	GD19469	1	Snorkel Access Cover
9	G10225101	1	Snorkel
10	G10901	6	Lock Nut, ⅜"-16

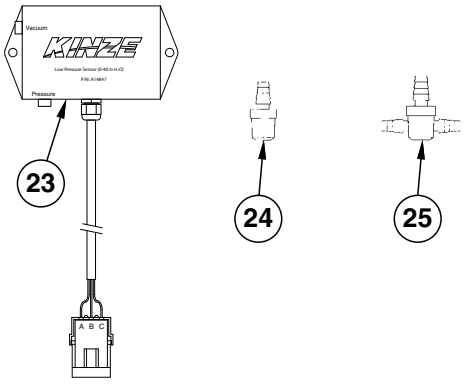
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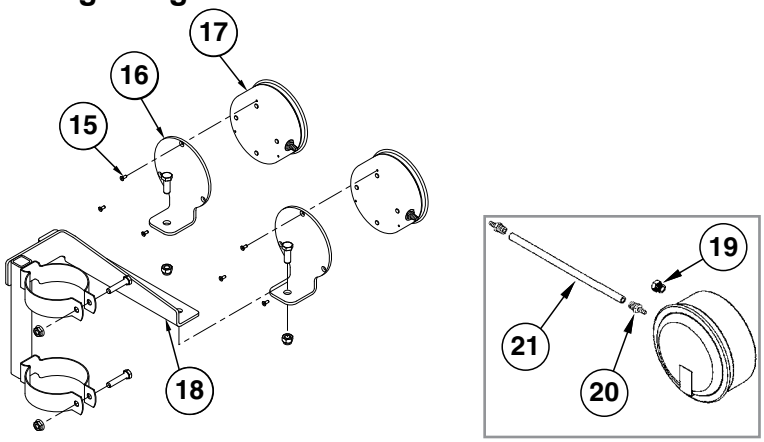
Vacuum Fan Assembly

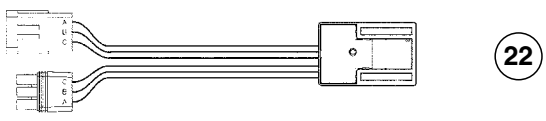


Sending Unit



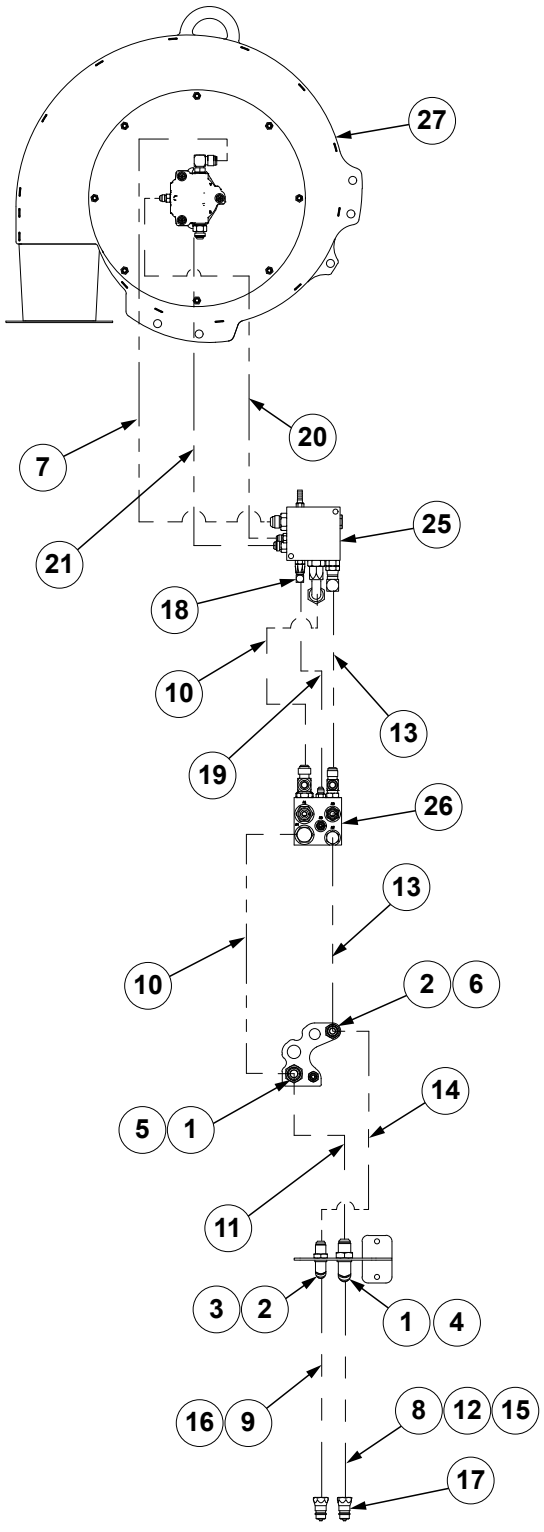
Analog Gauge

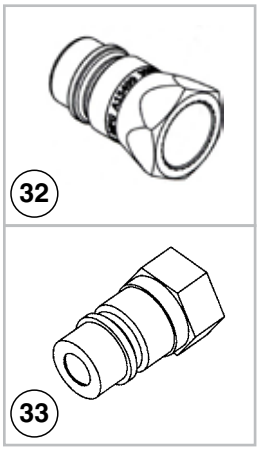


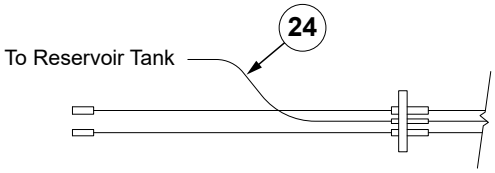


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10341401	1	Vacuum Fan Housing
2	G10341601	1	Vacuum Fan Impellor
3	G10341001	1	Motor Mount Cover
4	GA24543 GR2333 GR2314	1 - 	Hydraulic Motor Seal Kit Motor Key
5	G6400-06 GR1045	1 	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring O-Ring
6	6400-08-10 GR1466	1 -	Connector W/O-Ring, 3/4"-16 Male JIC To 7/8"-14 O-Ring O-Ring
7	G6801-10 GR1466	1 	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring O-Ring
8	GR2314	1	Motor Key
9	G10599	2	Carriage Bolt, 3/8"-16 x 1 1/4"
10	G10901	2	Lock Nut, 3/8"-16
11	G11387	2	Flat Washer, 3/8" SAE
12	G11704	1	Hex Jam Nut, 1/2"-20, Grade 2
13	G11389	1	Flat Washer, 1/2" Plated SAE
14	G11182	8	Lock Nut W/Nylon Insert, 5/16"-18
15	G11215	6	Hex Socket Head Cap Screw, No. 6-32 x 3/8", Grade 8
16	GD15804 G10108 G10004	2 2 2	Mount Lock Nut, 3/8"-16 Hex Head Cap Screw, 3/8"-16 x 1 1/4"
17	GA21406 GR1777	2 -	Analog Vacuum Gauge W/Hose Barb Hose Barb, 3/16" x 1/8" NPT (Included W/GA21406)
18	---	-	See "Center Pivot" on page P125
19	GA10799	1	Breather, 1/8" Male NPT
20	GR1777	-	Hose Barb, 1/8" Male NPT To 3/16" Barb
21	GD15849-02	1	Clear Tubing, 5/16" O.D. x 3/16" I.D. x 120"
22	GA12812	-	Hall Effect Adapter
23	GA14847 GD17151-20 GD16324-01 GA9964 G1K248	1 - - - - -	Low Pressure Sensor (0-40 IN H_20) (Replaces GA12811) Tubing, 1/4" x 10', (Only with GA14847) Clear Plastic Tubing, 1/4" x 45" Strain Relief 3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
24	GR1736	1	Hose Barb, 1/8" Male NPT To Barb
25	GD21278	-	Reducing Tee, 3/16" x 1/8"

(10077801)







Mechanical/Vacuum W/Tractor
Mounted PTO Pump

ITEM	PART NO.	QTY.	DESCRIPTION
1	G306-12	2	Lock Nut, 1 1/16"-12
2	G306-10	2	Lock Nut, 7/8"-14
3	G2702-10	1	Bulkhead Elbow, 45°, 7/8"-14 Male JIC
4	G2702-12	1	45° Bulkhead Tube Union, 11/16"-12 Male JIC
5	G2700-12	1	Bulkhead Tube Union, 1 1/16"-12 Male JIC
6	G2700-10	1	Bulkhead Tube Union, 7/8"-14 Male JIC
7	*A21541-28	1	Hose Assembly, 5/8" x 28" (10F-12F90M)
8	GA26924-06	1	Hose Label/Cover, Green (Retract)
9	GA26924-05	1	Hose Label/Cover, Green (Extend)
10	*A11443	2	Hose Assembly, 5/8" x 73" (12F-12F)
11	*A11442	1	Hose Assembly, 5/8" x 137 1/2" (12F-12F)
12	*A21548-206 *A21548-266	1	Hose Assembly, 5/8" x 206" (12F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, 5/8" x 266" (12F-1/2M NPTF W/Ext., W/Tip), 16 Row
13	A1464	2	Hose Assembly, 1/2" x 72" (10F-10F)
14	*A12751	1	Hose Assembly, 1/2" x 142 1/2"
15	G7100-375	1	Tag, Hydraulic Motor Return Line
16	*A18693-206 *A18693-268	1 -	Hose Assembly, 1/2" x 206" (10F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, 1/2" x 268" (10F-1/2M NPTF W/Ext., W/Tip), 16 Row
17	GD25522	1	Hydraulic Tip Cover
18	G6500-06	1	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring
19	*A12094	1	Hose Assembly, 3/8" x 73" (06F-06F)
20	*A12002	1	Hose Assembly, 3/8" x 32" (06F-06F)
21	*A12745	1	Hose Assembly, 1/2" x 22" (08F-10F)
22	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
23	GD4086	-	ISO Coupler
24	*A12092 *A12091	1 -	Hose Assembly, 3/8" x 127" (06F-08F), 12 Row Hose Assembly, 3/8" x 187" (06F-08F), 16 Row
25	---		See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly)" on page P198
26	---		See "Valve Blocks - Located on R.H. Rear Center Frame" on page P189
27	---		See "Vacuum Fan Hydraulic Components" on page P67

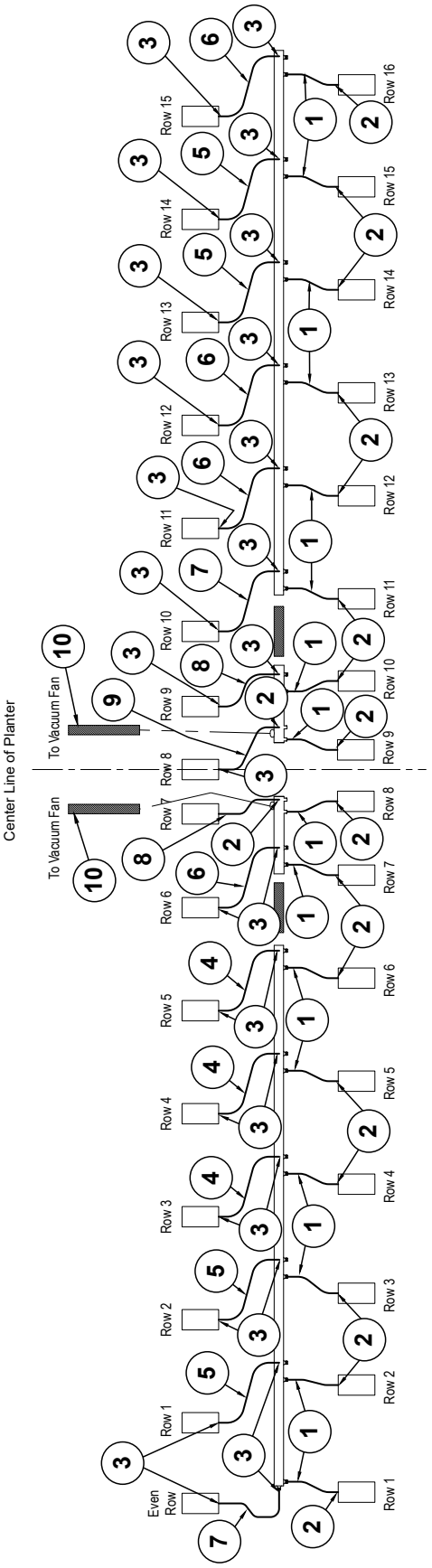
***Hydraulic hose is not stocked by Kinze Repair Parts.**

(IP1594)

ITEM	PART NO.	QTY.	DESCRIPTION
1	*D36495-55	12	Hose, 1½" x 55" (Black)
2	GB1216	14	Vacuum Cuff Screw (Manifold), 1½"
	GB1313	-	90° Elbow, 1½" Hose (Meter)
3	GD31424	20	Vacuum Cuff Screw, 1½"
4	*D36495-36	3	Hose, 1½" x 36" (Black)
5	*D36495-40	1	Hose, 1½" x 40" (Black)
6	*D36495-42	4	Hose, 1½" x 42" (Black)
7	*D36495-46	2	Hose, 1½" x 46" (Black)
8	*D36495-50	1	Hose, 1½" x 50" (Black)
9	*D36495-70	1	Hose, 1½" x 70" (Black)
10	GD15867-04	2	Hose, 5" x 42"

*Hose not stocked by Kinze repair parts, but is available in bulk (GD36495-600)

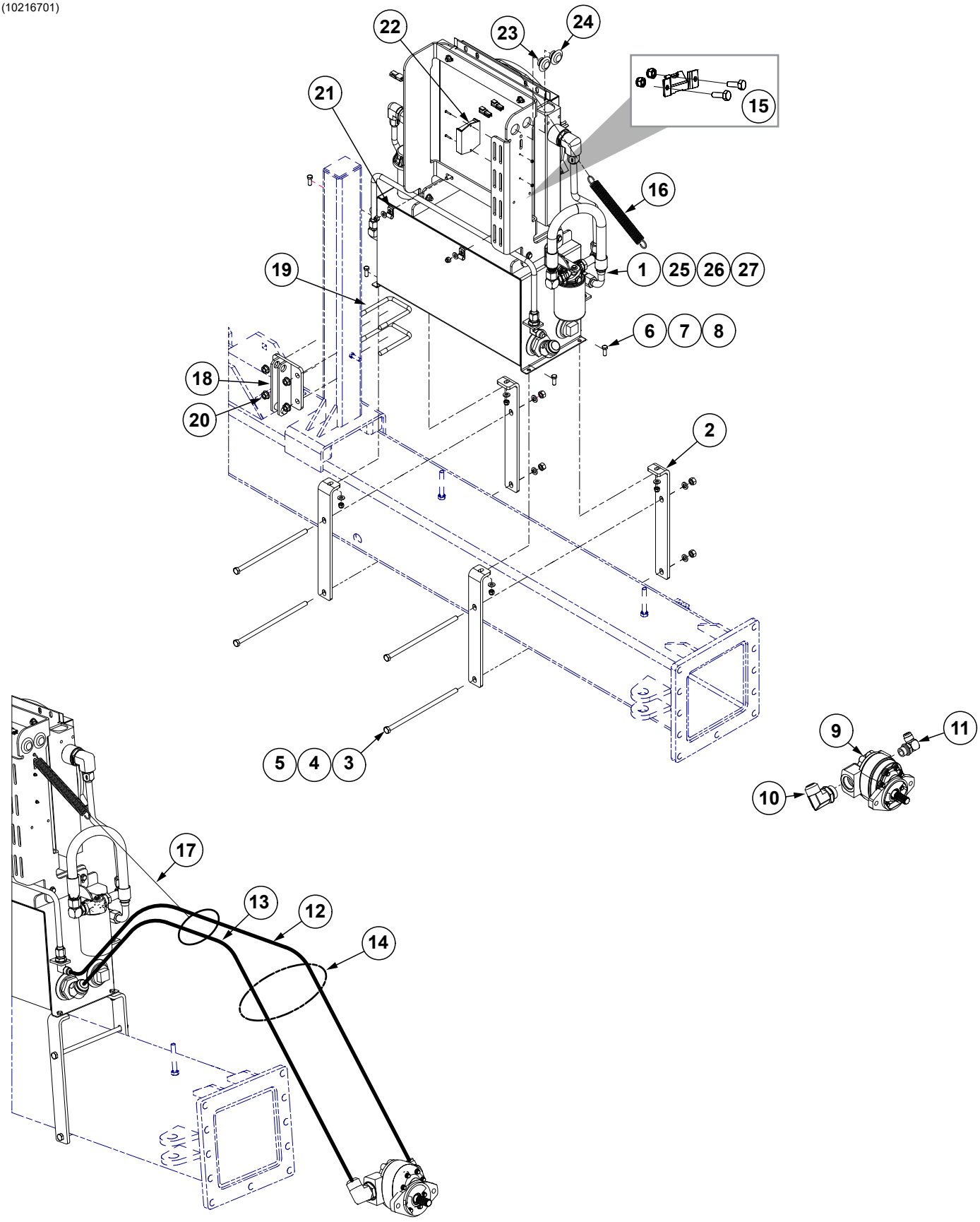
(IP1595)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*D36495-55	16	Hose, 1½" x 55" (Black)
2	GB1216	18	Vacuum Cuff Screw (Meter), 1½"
3	GD31424	28	Vacuum Cuff Screw, 1½"
4	*D36495-36	3	Hose, 1½" x 36" (Black)
5	*D36495-40	4	Hose, 1½" x 40" (Black)
6	*D36495-42	4	Hose, 1½" x 42" (Black)
7	*D36495-46	1	Hose, 1½" x 46" (Black)
8	*D36495-50	2	Hose, 1½" x 50" (Black)
9	*D36495-70	1	Hose, 1½" x 70" (Black)
10	GD15867-04	2	Hose, 5" x 42"

*Hose not stocked by Kinze repair parts, but is available in bulk (GD36495-600)

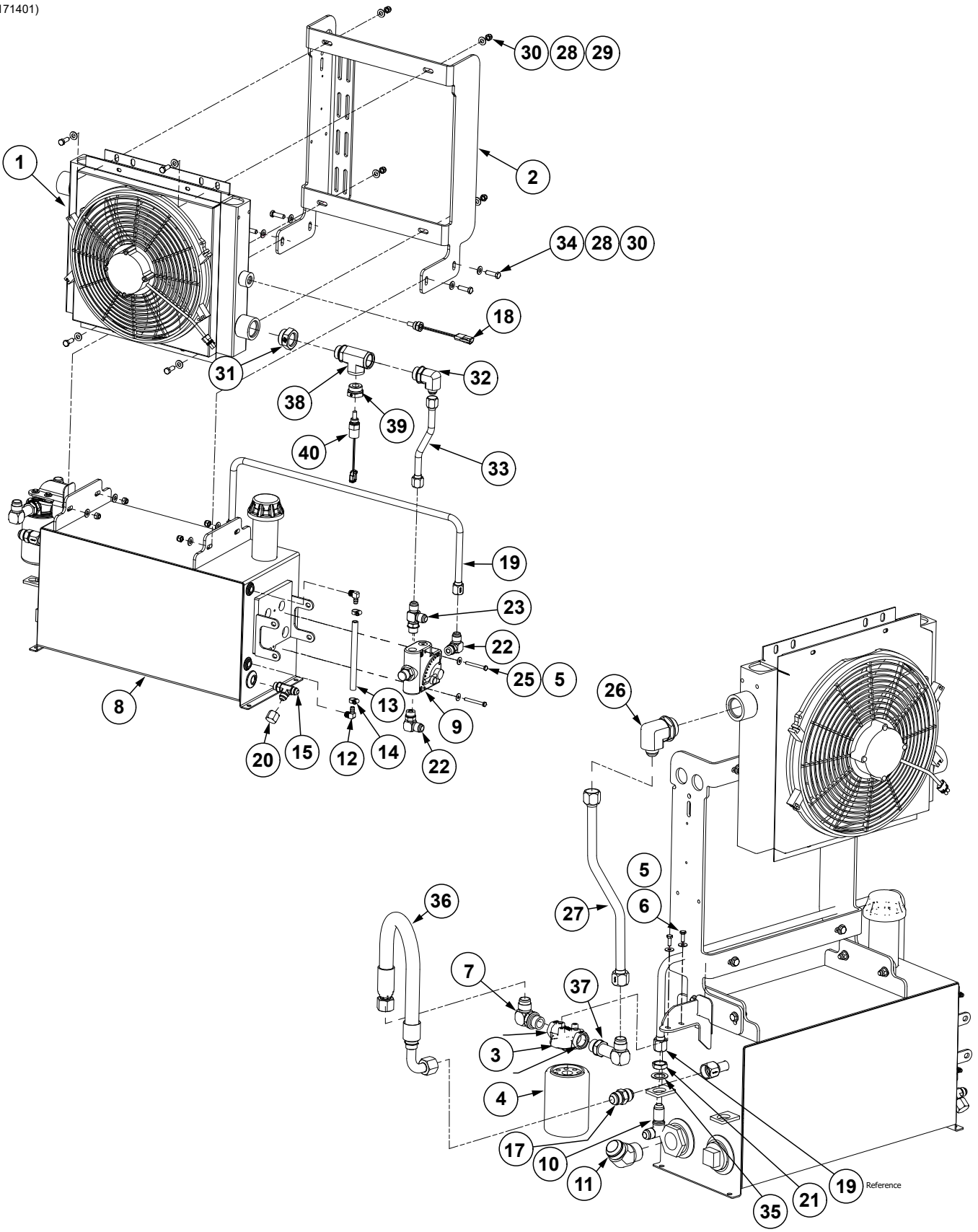
(10216701)



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	---	See "PTO Pump - Single Stage, Vacuum" on page P73
2	G10216901	4	Tank Mount Bracket
3	G11158	4	Hex Head Cap Screw, ½"-13 x 11½"
4	G10228	4	Lock Washer, ½"
5	G10102	4	Hex Nut, ½"-13
6	G10001	4	Hex Head Cap Screw, ⅜"-16 x 1"
7	G11387	4	Hardened Washer, ⅜" SAE
8	G10108	4	Lock Nut, ⅜"-16
9	GA14446	1	PTO Pump
10	G6801-20	1	Elbow W/O-Ring, 90°, 1⅝"-12 Male JIC To O-Ring
11	G6801-12 GR1467	1 -	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring O-Ring
12	*A25707-72	1	Hose Assembly, ½" AR x 72" (10F45-12F)
13	*A11810-72	1	Hose Assembly, 1¼" x 72" (20F - 20F)
14	GD19383-03	1	Hose Wrap, 60"
15	G10567801 G10023 G10110	1 2 2	Relay Module Mount Bracket Hex Head Cap Screw, ¼"-20 x ¾" Lock Nut, 1/4"-20, Grade B
16	GD0829	1	Spring
17	GA14152	1	Hose Strap
18	GA11528	1	Bracket
19	GD16642	2	U-Bolt, 3" x 4" x ½"-13
20	G10071	4	Serrated Flange Nut, ½"-13
21	GD6291	2	Insulated Clamp, ⅜"
22	G10396901	1	Reverser Module Assembly
23	G10098401	1	PTO Red Light Harness
24	G10098301	1	PTO Green Light Harness
25	G10049501	1	Tractor Battery Connection Harnees and Fuse Kit
26	G10724901	1	Tractor Power Harness
27	G10649801	1	PTO Harness, 3000 Series

***Hydraulic hose is not stocked by Kinze Repair Parts.**

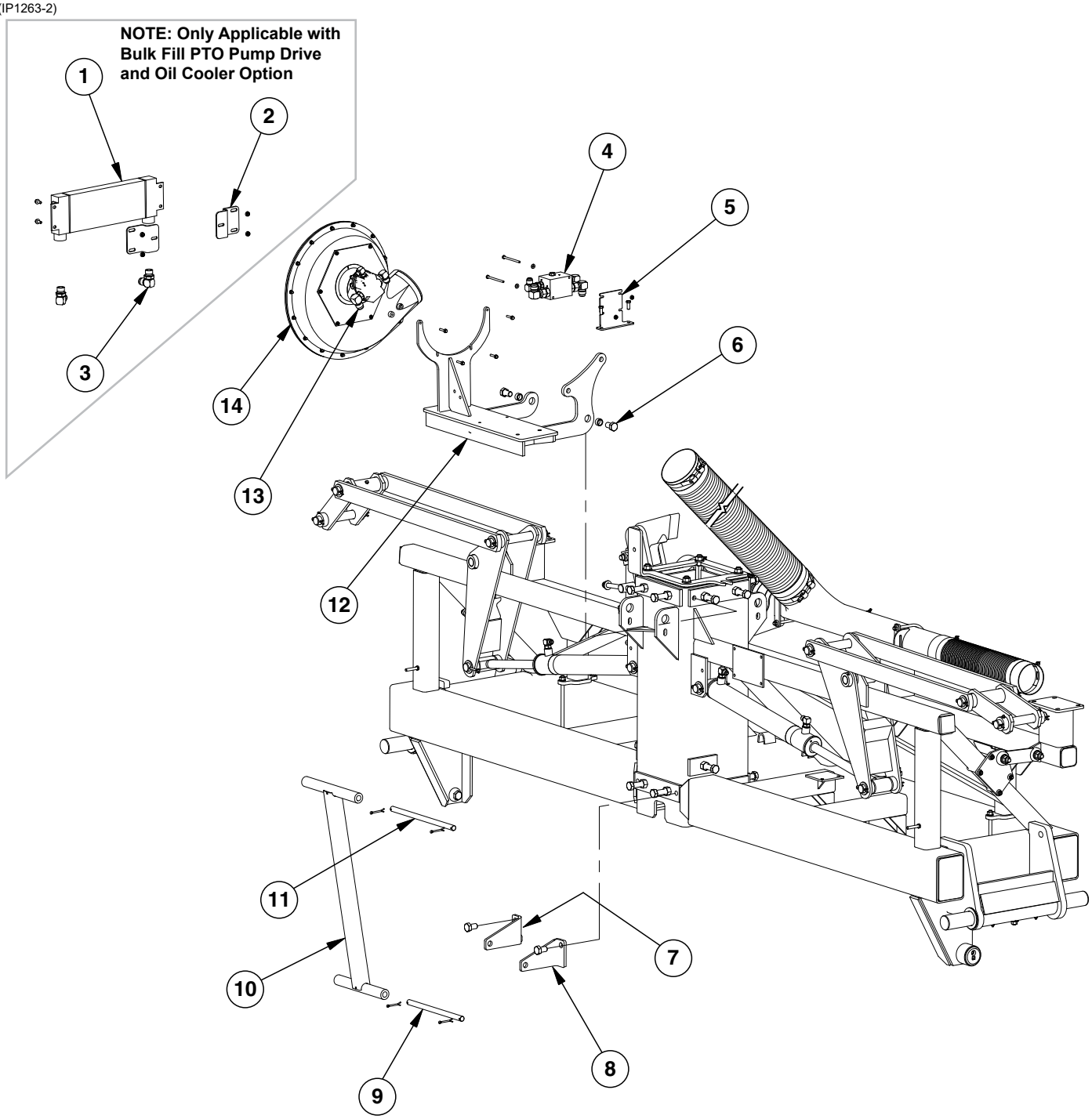
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ITEM	PART NO.	QTY.	DESCRIPTION
1	G10207201	1	Cooler and Fan Assembly
2	G10395301	1	Cooler Mount Bracket
3	GD16038	1	Filter Head
4	GD16037	1	Oil Filter, 10 Micron
5	G10209	4	Washer, ¼" USS
6	G10023	2	Hex Head Cap Screw, ¼"-20 x ¾"
7	G6801-12 GR1467	2 -	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring O-Ring
8	G10395501 GA27102 GD16040	1 - -	PTO Reservoir Filler Breather (Included W/G10395501) Strainer (Included W/G10395501)
9	GA10918	1	Flow Control Valve
10	G2701-10	1	Elbow, 90°, ⅞"-14 Male JIC
11	2503-20	1	Elbow, 45°, 1⅝"-12 JIC x 1¼" MNPT
12	GD35381	2	⅜" O.D. Brass Barbed x ¼" NPT 90° Elbow
13	*D6279-07	1	Clear Plastic Tubing, ⅜" x 7¼"
14	G10331001	2	No. 4 Hose Clamp, ⅝" - 1/4" x 5/16"
15	G6804-08 GR1037	1 -	Adjustable Tee, ¾"-16 Male JIC To O-Ring O-Ring
17	G2403-12	1	Union, 1 1/16"-12 Male JIC
18	G10087001	1	Temperature Sensor, 100°
19	G10211501	1	Steel Hydraulic Line, ⅝"
20	G304-C-8	1	Cap Nut, ¾"-16
21	G306-10	1	Lock Nut, ⅞"-14
22	G6801-10 GR1466	2 -	Elbow W/O-Ring, 90°, ⅞"-14 Male JIC To O-Ring O-Ring
23	G6804-10	1	Tee, ⅞"-14 JIC, ⅞"-14-O-Ring
24	---	---	---
25	G10880	2	Hex Head Cap Screw, ¼"-20 x 2¼"
26	G6801-12-20	1	Swivel Elbow, 90°, 1 1/16"-12 x 1⅝"-12
27	G10194501	1	Steel Hydraulic Line, ¾"
28	G11387	16	Flat Washer, ⅜" SAE
29	G10001	4	Hex Head Cap Screw, ⅜"-16 x 1"
30	G10108	8	Lock Nut, ⅜"-16
31	6410-20-16	1	Adapter, 1⅝"-12 O-Ring x 1 5/16"-12
32	G6801-10-16	1	Adjustable 90° Elbow, ⅞"-14 x 1 5/16"-12 O-Ring
33	G10395401	1	Steel Hydraulic Line, ⅝"
34	G10004	4	Hex Head Cap Screw, ⅜"-16 x 1¼"
35	G10235	1	Machine Bushing, ⅞", 14 Gauge (.0747")
36	*A12937-24	1	Hose Assembly, ¾" x 24" (12F-12F90S)
37	G6801-LL-12	1	Adjustable Elbow W/O-Ring, 1 1/16"-12 x 1 1/16"-12
38	G6835-16-16-16	1	Tee, 1 5/16" O-Ring
39	6410-16-08	1	Adapter W/O-Ring, 1 5/16"-12 x ¾"-16
40	G10098201	1	Temperature Sensor

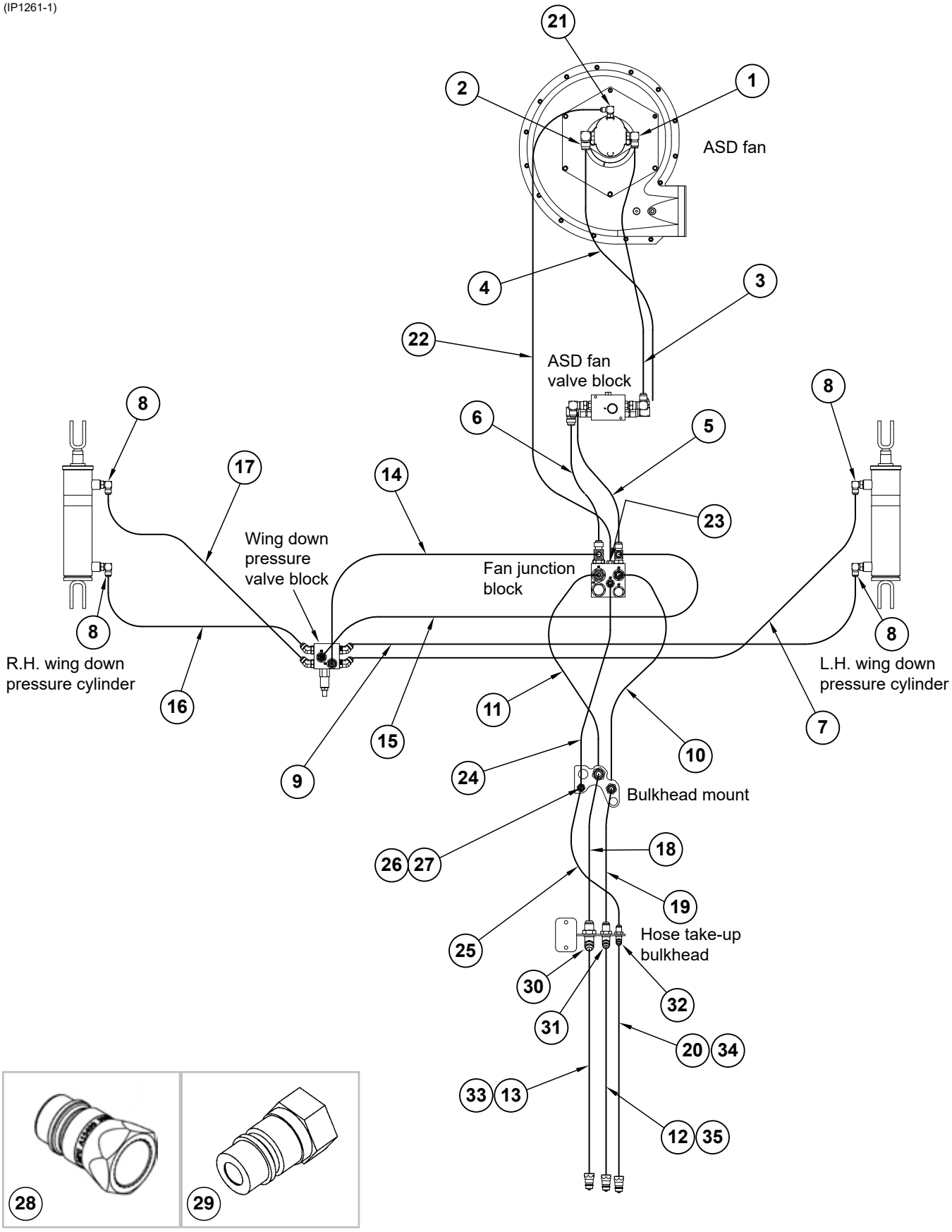
*Item is not stocked by Kinze repair parts, but is available in bulk (GD6279-00).

(IP1263-2)


NOTE: Only Applicable with Bulk Fill PTO Pump Drive and Oil Cooler Option
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA10917	1	Hydraulic Oil Cooler
	G10961	4	Flanged Whiz Lock Screw, 5⁄16"-18 x 3⁄4", No Serration
	G10620	4	Serrated Flange Nut, 5⁄16"-18
2	GD19225	2	Cooler Mount Bracket
3	G6801-12	2	Elbow W/O-Ring, 90°, 1 1⁄16"-12 Male JIC To O-Ring
4	---	-	See "Bulk Fill Fan Valve Block" on page P199
	G10162	2	Hex Head Cap Screw, 1⁄4"-20 x 3 1⁄4"
	G11385	2	Flat Washer, 1⁄4" SAE
	G10621	2	Serrated Flange Nut, 1⁄4"-20
5	GD20591	1	Bulk Fill Hydraulic Block Mount
	G10001	2	Hex Head Cap Screw, 3⁄8"-16 x 1"
6	G10156	2	Hex Head Cap Screw, 3⁄4"-10 x 1 1⁄4"
	GD20539	2	Bushing
7	GA14385	1	Strut Mount, L.H.
	G10025	1	Hex Head Cap Screw, 3⁄4"-10 x 1 1⁄2"
8	GA14384	1	Strut Mount, R.H.
	G10025	1	Hex Head Cap Screw, 3⁄4"-10 x 1 1⁄2"
9	GD20534	1	Lower Strut Pin
	G10462	2	Cotter Pin, 3⁄16" x 2"
10	GA14383	1	Fan Strut Mount
11	GD20518	1	Upper Strut Pin
	G10462	2	Cotter Pin, 3⁄16" x 2"
12	GA22268	1	Fan Mount
	G11337	4	Hex Serrated Flange Cap Screw, 1⁄4"-20 x 1 1⁄4"
13	G6801-12-10	1	Elbow W/O-Ring, 90°. 1 1⁄16"-12 Male JIC To 7⁄8"-14 O-Ring
	G6801-10	1	Elbow W/O-Ring, 90°, 7⁄8"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
14	---	-	See "Bulk Fill Fan System" on page P81

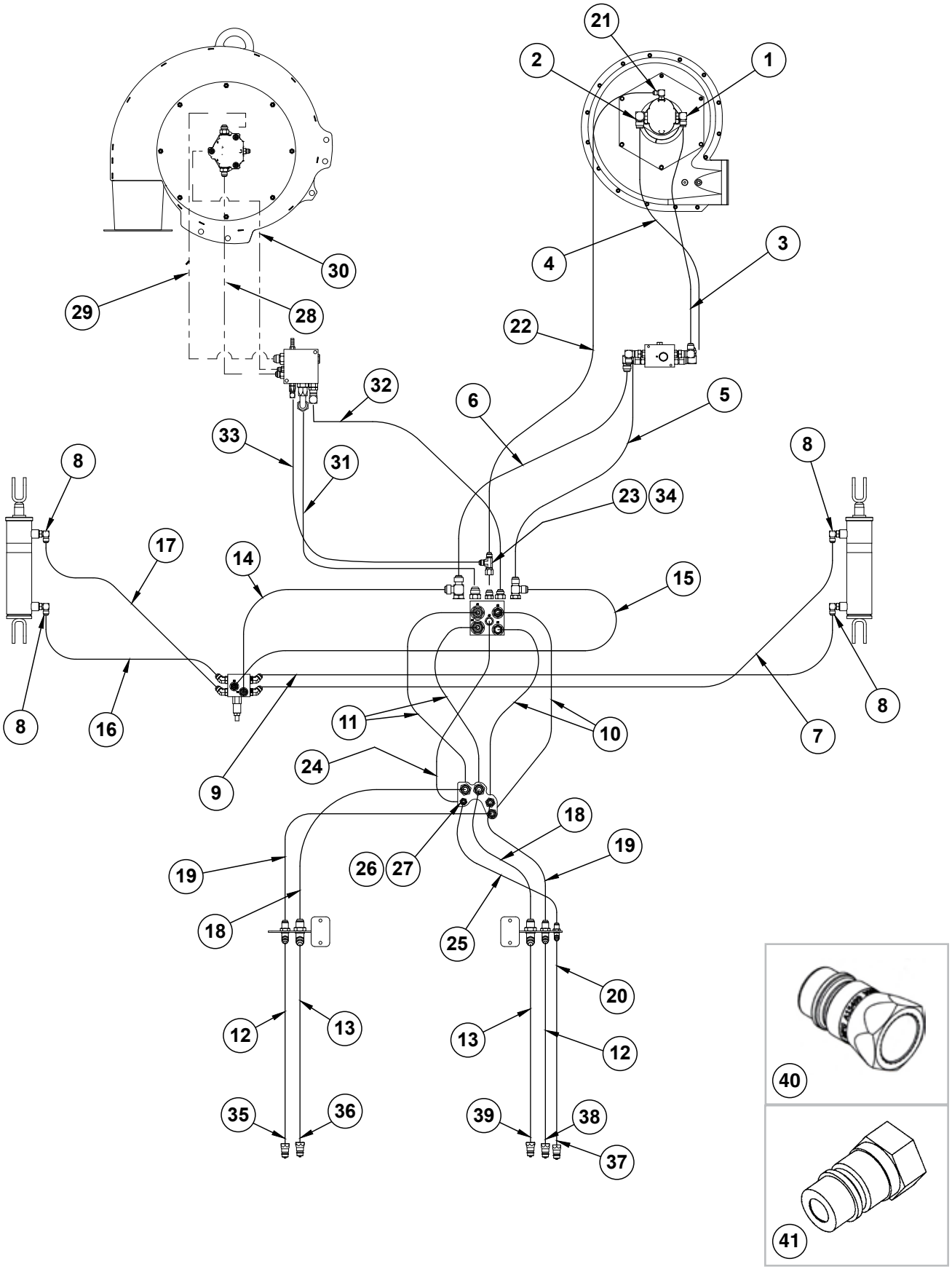
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ASD fan
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ASD fan
valve block
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Wing down
pressure
valve block
Fan junction
block
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R.H. wing down
pressure cylinder
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7
L.H. wing down
pressure cylinder
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Bulkhead mount
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Hose take-up
bulkhead
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ITEM	PART NO.	QTY.	DESCRIPTION
1	G6801-12 GR1467	1 -	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring O-Ring
2	G6801-10-12 GR1037	1 -	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To 1 1/16"-12 O-Ring O-Ring
3	*A12755	1	Hose Assembly, 1/2" x 44"
4	*A11447	1	Hose Assembly, 5/8" x 45"
5	*A1464	1	Hose Assembly, 1/2" x 72" (10F-10F)
6	*A11443	1	Hose Assembly, 5/8" x 73" (12F-12F)
7	*A3117	1	Hose Assembly, 3/8" x 176"
8	G6801-08 GR1037	4 -	Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To O-Ring O-Ring
9	*A12076	1	Hose Assembly, 3/8" x 165"
10	*A1464	1	Hose Assembly, 1/2" x 72"
11	*A11443	1	Hose Assembly, 5/8" x 73"
12	*A18693-206 *A18693-268	1 -	Hose Assembly, 1/2" x 206" (10F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, 1/2" x 268" (10F-1/2M NPTF W/Ext., W/Tip), 16 Row
13	*A21548-206 *A21548-266	1 -	Hose Assembly, 5/8" x 206" (12F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, 5/8" x 266" (12F-1/2M NPTF W/Ext., W/Tip), 16 Row
14	*A12752	1	Hose Assembly, 1/2" x 23"
15	*A12085	1	Hose Assembly, 3/8" x 26"
16	*A3158	1	Hose Assembly, 3/8" x 46"
17	*A1021	1	Hose Assembly, 3/8" x 56"
18	*A11442 *A11458	1 -	Hose Assembly, 5/8" x 137 1/2", 12 Row 30" and 16 Row 30" Hose Assembly, 5/8" x 152", 16 Row 7.5" Twin Row
19	*A12751 *A12774	1 -	Hose Assembly, 1/2" x 142 1/2", 12 Row 30" and 16 Row 30" Hose Assembly, 1/2" x 157", 16 Row 7.5" Twin Row
20	*A26938-206 *A26938-266	1 -	Hose Assembly, 3/8" x 206" (08F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, 3/8" x 266" (08F-1/2M NPTF W/Ext., W/Tip), 16 Row
21	G6801-06 GR1045	1 -	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring O-Ring
22	*A12094	1	Hose Assembly, 3/8" x 73" (06F-06F)
23	G6400-06 GR1045	1 -	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring O-Ring
24	*A12094	1	Hose Assembly, 3/8" x 73
25	*A12096 *A15023	1 -	Hose Assembly, 3/8" x 140", 12 Row 30" and 16 Row 30" Hose Assembly, 3/8" x 154", 16 Row 7.5" Twin Row
26	G306-06	1	Lock Nut, 9/16"-18
27	G2700-06-06	1	Bulkhead Tube Union, 9/16"-18 Male JIC
28	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
29	GD4086	-	ISO Coupler
30	G2702-12	1	Bulkhead Elbow, 45°, 1 1/16"-12 Male JIC
31	G2702-10	1	Bulkhead Elbow, 45°, 7/8"-14 Male JIC
32	G2702-06	1	Bulkhead Elbow, 45°, 9/16"-18 Male JIC
33	GA26924-08	1	Hose Label/Cover, Yellow (Retract)
34	GA26924-11	1	Hose Label/Cover, Orange (Case Drain)
35	GA26924-07	1	Hose Label/Cover, Yellow (Extend)

*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(IP1622)

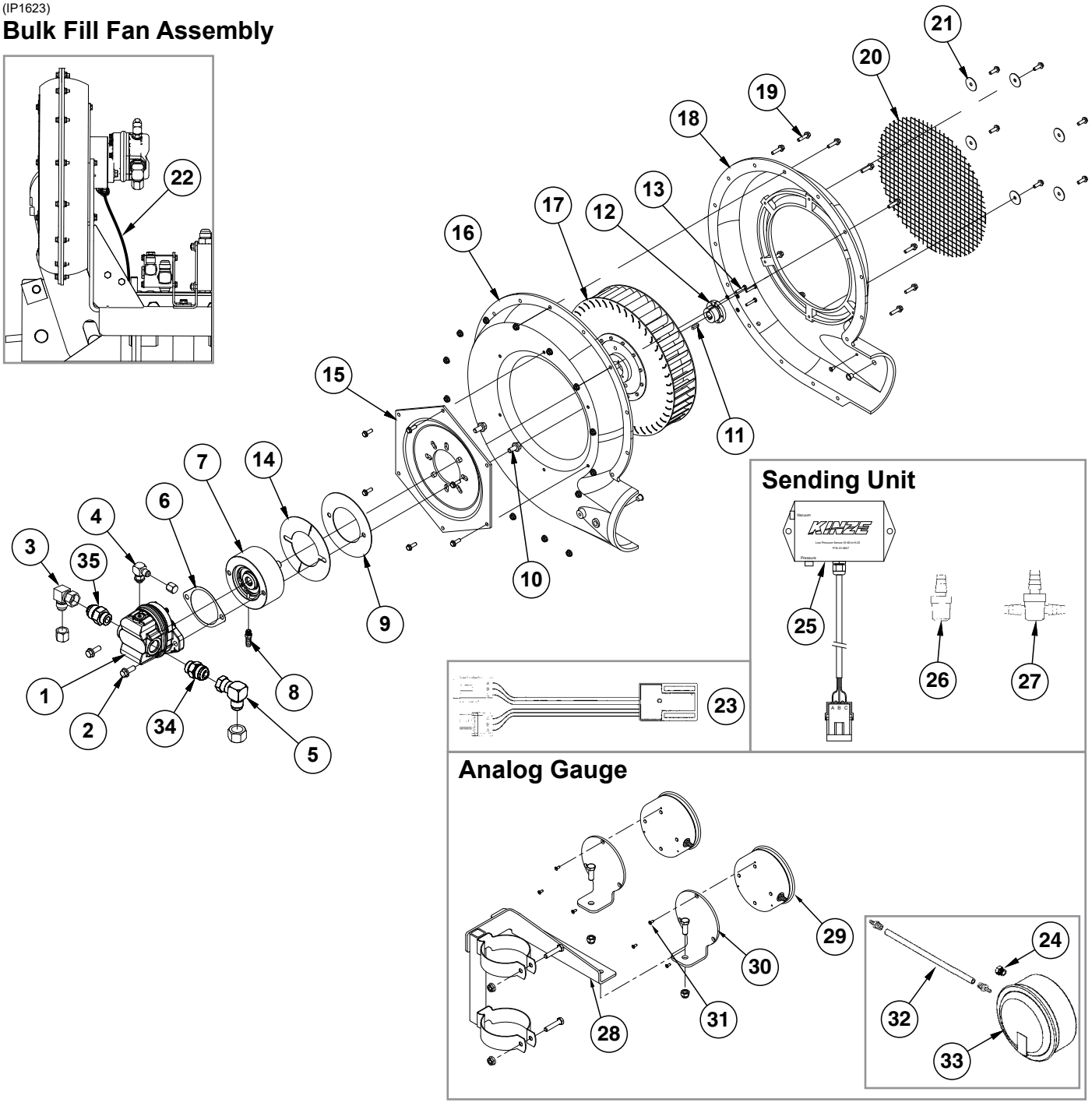

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ITEM	PART NO.	QTY.	DESCRIPTION
1	G6801-10	1	Elbow W/O-Ring, 90°, ⅞"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
2	G6801-12-10	1	Elbow W/O-Ring, 90°, 1⅛"-12 Male JIC To ⅞"-14 O-Ring
	GR1466	-	O-Ring
3	*A21533-30	1	Hose Assembly, ¾" x 30" (12F-12F)
4	*A18688-38	1	Hose Assembly, ½" x 38" (10F - 10F90)
5	*A18679-83	1	Hose Assembly, ½" x 83" (10F-10M JIC)
6	*A21535-83	1	Hose Assembly, ⅝" x 83" (12F-12M JIC)
7	*A3117	1	Hose Assembly, ⅜" x 176" (08F-08F)
8	G6801-08	4	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
9	*A12076	1	Hose Assembly, ⅜" x 165" (08F-08F)
10	*A1464	2	Hose Assembly, ½" x 72" (10F-10F)
11	*A11443	2	Hose Assembly, ⅝" x 73" (12F-12F)
12	*A18693-206	2	Hose Assembly, ½" x 206" (10F-1/2M NPTF W/Ext., W/Tip), 12 Row Only
	*A18693-268	-	Hose Assembly, ½" x 268" (10F-1/2M NPTF W/Ext., W/Tip), 16 Row Only
13	*A21548-206	2	Hose Assembly, ⅝" x 206" (12F-1/2M NPTF W/Ext., W/Tip), 12 Row Only
	*A21548-266	-	Hose Assembly, ⅝" x 266" (12F-1/2M NPTF W/Ext., W/Tip), 16 Row Only
14	*A12752	1	Hose Assembly, ½" x 23" (10F-12F)
15	*A12085	1	Hose Assembly, ⅜" x 26" (08F-10F)
16	*A3158	1	Hose Assembly, ⅜" x 46" (08F-08F)
17	*A1021	1	Hose Assembly, ⅜" x 56" (08F-08F)
18	*A11442	1	Hose Assembly, ⅝" x 137½" (12F-12F), 12 Row 30" and 16 Row 30"
	*A11458	-	Hose Assembly, ⅝" x 152" (12F-12F), 16 Row 7.5" Twin Row
19	*A12751	1	Hose Assembly, ½" x 142½" (10F-10F), 12 Row 30" and 16 Row 30"
	*A12774	-	Hose Assembly, ½" x 157" (10F-10F), 16 Row 7.5" Twin Row
20	*A26938-206	1	Hose Assembly, ⅜" x 206" (08F-1/2M NPTF W/Ext., W/Tip), 12 Row Only
	*A26938-266	-	Hose Assembly, ⅜" x 266" (08F-1/2M NPTF W/Ext., W/Tip), 16 Row Only
21	G6801-06	1	Elbow W/O-Ring, 90°, 9⁄16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
22	*A12095	1	Hose Assembly, ⅜" x 80" (06F-06F)
23	G6400-06	1	Connector W/O-Ring, 9⁄16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
24	*A12094	1	Hose Assembly, ⅜" x 73" (06F-06F)
25	*A12096	1	Hose Assembly, ⅜" x 140" (06F-08F), 12 Row 30" and 16 Row 30"
	*A15023	-	Hose Assembly, ⅜" x 154", 16 Row 7.5" Twin Row
26	G306-06	1	Lock Nut, 9⁄16"-18
27	G2700-06-06	1	Bulkhead Tube Union, 9⁄16"-18 Male JIC
28	*A12745	1	Hose Assembly, ½" x 22" (08F-10F)
29	*A21541-28	1	Hose Assembly, ⅝" x 28" (10F-12F90M)
30	*A12002	1	Hose Assembly, ⅜" x 32" (06F-06F)
31	*A1464	2	Hose Assembly, ½" x 72" (10F-10F)
32	*A11443	2	Hose Assembly, ⅝" x 73" (12F-12F)
33	*A12094	1	Hose Assembly, ⅜" x 73" (06F-06F)
34	G6602-06	1	Swivel Tee, 9⁄16"-18 JIC
35	GA26924-05	1	Hose Label/Cover, Green (Extend)
36	GA26924-06	1	Hose Label/Cover, Green (Retract)
37	GA26924-11	1	Hose Label/Cover, Orange (Retract)
38	GA26924-07	1	Hose Label/Cover, Yellow (Extend)
39	GA26924-08	1	Hose Label/Cover, Yellow (Retract)
40	GA15499	-	Special Pioneer Coupler, Zero Pressure Return
	GD25522	-	Hydraulic Tip Cover
41	GD4086	-	ISO Coupler

*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(IP1623)

Bulk Fill Fan Assembly



ITEM	PART NO.	QTY.	DESCRIPTION
1	G11114401	1	Hydraulic Motor
	GR2000	-	Hydraulic Motor Key
2	G11124	2	Hex Serrated Flange Cap Screw, ⅜"-16 x 1"
3	G6500-12	1	Swivel Elbow, 90°, 1 1/16"-12 Male JIC To Female
	G304-C-10	1	Cap Nut, ⅞"-14
4	G6801-06	1	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
	G304-C-6	1	Cap Nut, 9/16"-18

ITEM	PART NO.	QTY.	DESCRIPTION
5	G6500-10	1	Swivel Elbow, 90°, ⅞"-14 Male JIC To Female
	G304-C-12	1	Cap Nut, 1 1/16-12
6	GD30882	1	Gasket, 2-Bolt Mount
7	GA25388	1	Overhung Load Adapter
	GD20928	-	Bearing (Included W/GA25388)
8	GD35294	1	Hose Barb, ⅛"-27 NPTF x ⅜"
9	GD25644	1	Cover Plate
10	G11123	2	Hex Serrated Flange Cap Screw, ⅜"-16 x ¾"
11	GD21300	1	Key Stock, 3/16" x ¾"
12	GR1961	1	Bushing, ⅝"
13	G11518	3	Hex Head Machine Screw, #10-24 x 1"
	G10243	3	Washer, No. 10 SAE
14	GR1968	1	Cover Plate
15	GR1969	1	Backing Plate
	G10988	12	Hex Non-Serrated Flange Cap Screw, ¼"-20 x ¾"
16	GR1966	1	Non-Flanged Inner Case
	GR1979	1	Plastic Plug, 7/16"
17	GR2109	1	Impeller
18	GR1965	1	Non-Flanged Outer Case
	GR1978	1	Plastic Plug, ¼"
	GR1979	1	Plastic Plug, 7/16"
19	G11409	15	Hex Serrated Flanged Cap Screw, ¼"-20 x 1"
	G10621	15	Serrated Flange Nut, ¼"-20
20	GR1967	1	Screen
21	GR1977	6	Fender Washer, ¼"
22	GD6279-06	1	Clear Plastic Tubing, ⅜" O.D. x 72"
	G10681	1	Hose Clamp, No. 6
23	GA12812	-	Hall Effect Adapter
24	GA10799	1	Breather, ⅛" Male NPT
25	GA14847	1	Low Pressure Sensor (0-40 IN H_20) (Replaces GA14116)
	GD16324-01	-	Clear Plastic Tubing, ¼" x 45"
	GA9964	-	Strain Relief
	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
26	GR1736	1	Hose Barb, ⅛" Male NPT To Barb
27	GD21278	-	Reducing Tee, 3/16" x ⅛"
28	---	---	See "Center Pivot" on page P125
29	GA21406	2	Pressure Gauge W/Hose Barb
	GR1777	-	Hose Barb, 3/16" x ⅛" NPT (Included W/GA21406)
30	GD15804	2	Mount
	G10108	2	Lock Nut, ⅜"-16
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
31	G11215	6	Hex Socket Head Cap Screw, No. 6-32 x ⅜", Grade 8
32	GD15849-02	1	Clear Tubing, 5/16" O.D. x 3/16" I.D. x 120"
33	GA21406	1	Analog Vacuum Gauge W/Hose Barb
	GR1777	-	Hose Barb, ⅛" Male NPT To 3/16" Barb (Included W/GA21406)
34	G6400-10-08	1	Connector W/O-Ring, ⅞"-14 Male JIC To ¾"-16 O-Ring
	GR1037	-	O-Ring
35	G6400-12-10	1	Connector W/O-Ring, 1 1/16"-12 JIC To ⅞"-14 O-Ring
A	GA14572	-	Bulk Fill Fan Assembly (Non-Flanged) (Items 14-21)
B	GR1960	-	Hydraulic Motor Seal Kit

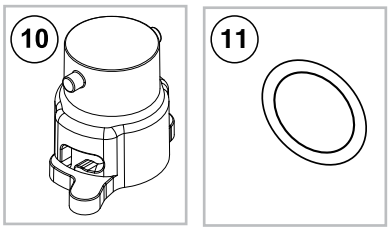
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12 Row Pull Units

Row Units	12	11	10	9	8	7	6	5	4	3	2	1
	8	1	2	9	3	5	5	3	6	2	1	8

12 Row Split Units

Row Units	Even Row	11	10	9	8	7	6	5	4	3	2	1
	1	2	7	5	3	3	3	5	6	5	7	2



See "Bulk Fill Hose Parts" on page P85 for additional parts.

ITEM	PART NO.	QTY.	DESCRIPTION
1	*A13802	3	Hose Assembly, 1¼" x 161"
2	*A13803	4	Hose Assembly, 1¼" x 133"
3	*A13805	5	Hose Assembly, 1¼" x 71"
4	*A13801	1	Hose Assembly, 1¼" x 192"
5	*A13807	5	Hose Assembly, 1¼" x 82"
6	*A13808	2	Hose Assembly, 1¼" x 93"
7	*A13824	2	Hose Assembly, 1¼" x 103"
8	*A13801	2	Hose Assembly, 1¼" x 192"
9	*A13804	1	Hose Assembly, 1¼" x 101"
10	GB0431	12	Bulk Fill Small Cap
11	GD19508	12	Small O-Ring

***Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).**

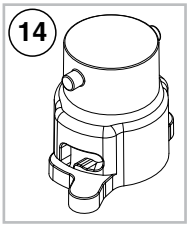
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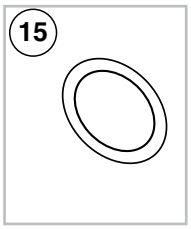
16 Row Pull Units

Row Units	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	12	11	2	3	4	5	6	8	8	6	9	4	3	7	11	12

16 Row Split Units

Row Units	Even Row	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	1	10	3	4	13	8	6	6	6	8	6	8	13	4	3	2

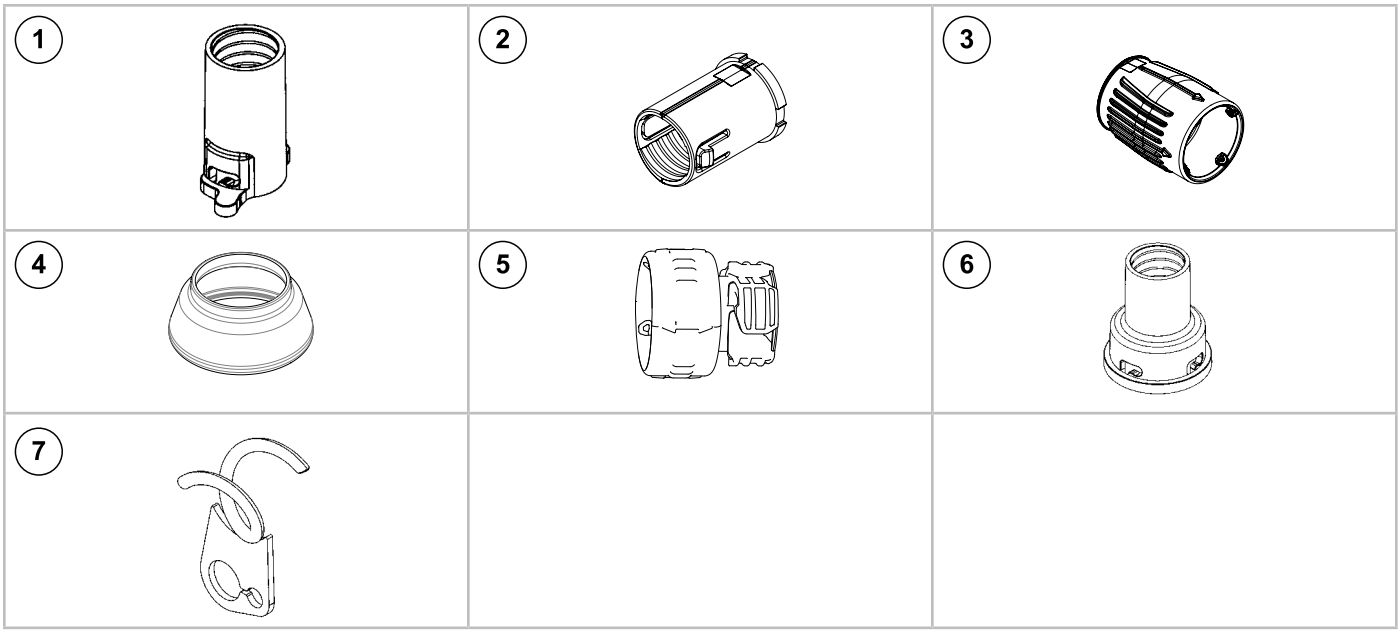




See "Bulk Fill Hose Parts" on page P85 for additional parts.

ITEM	PART NO.	QTY.	DESCRIPTION
1	*A13800	1	Hose Assembly, 1¼" x 218"
2	*A13801	2	Hose Assembly, 1¼" x 192"
3	*A13802	4	Hose Assembly, 1¼" x 161"
4	*A13803	4	Hose Assembly, 1¼" x 133"
5	*A13804	1	Hose Assembly, 1¼" x 101"
6	*A13805	5	Hose Assembly, 1¼" x 71"
7	*A13826	1	Hose Assembly, 1¼" x 176"
8	*A13807	5	Hose Assembly, 1¼" x 82"
9	*A13808	2	Hose Assembly, 1¼" x 93"
10	*A13809	1	Hose Assembly, 1¼" x 205"
11	*A13810	2	Hose Assembly, 1¼" x 225"
12	*A13817	2	Hose Assembly, 1¼" x 246"
13	*A13824	2	Hose Assembly, 1¼" x 103"
14	GB0431	12	Bulk Fill Small Cap
15	GD19508	12	Small O-Ring

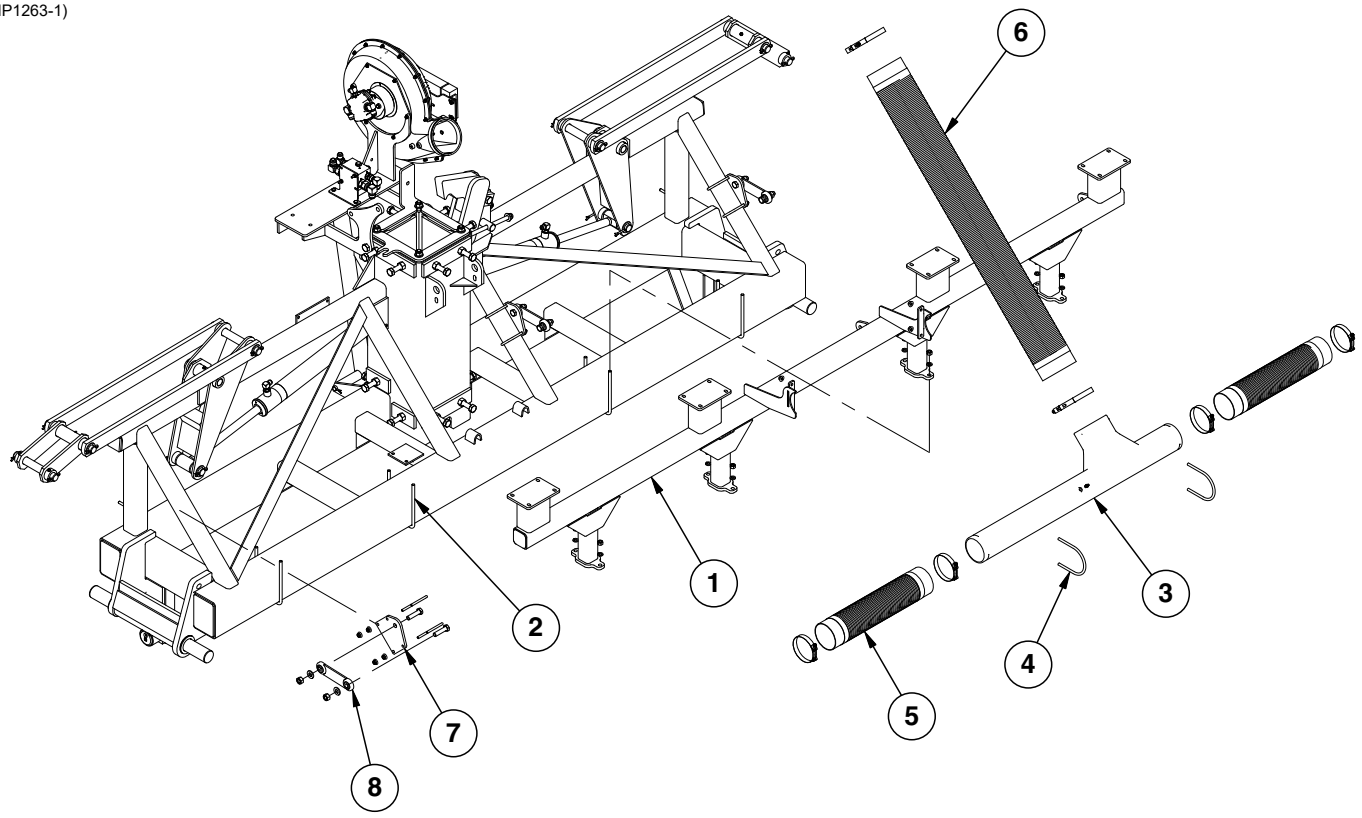
***Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).**



ITEM	PART NO.	QTY.	DESCRIPTION
1	GB0429	-	Seed Entrainer Quick Coupler
	GD19508	-	Small O-Ring
2	G10646001	-	Bulk Fill Hose End
	GD19508	-	Small O-Ring
3	G10966001	-	Bulk Fill Hose Coupler
4	G10966101	-	Bulk Fill Coupler Boot
5	G10701201	-	Bulk Fill Plug
6	GB0425	-	Dissipator Quick Coupler
7	GA14593	-	Hose Holder (12 Row - Used on Rows 1 and 12; 16 Row - Used on Rows 1, 2, 15)

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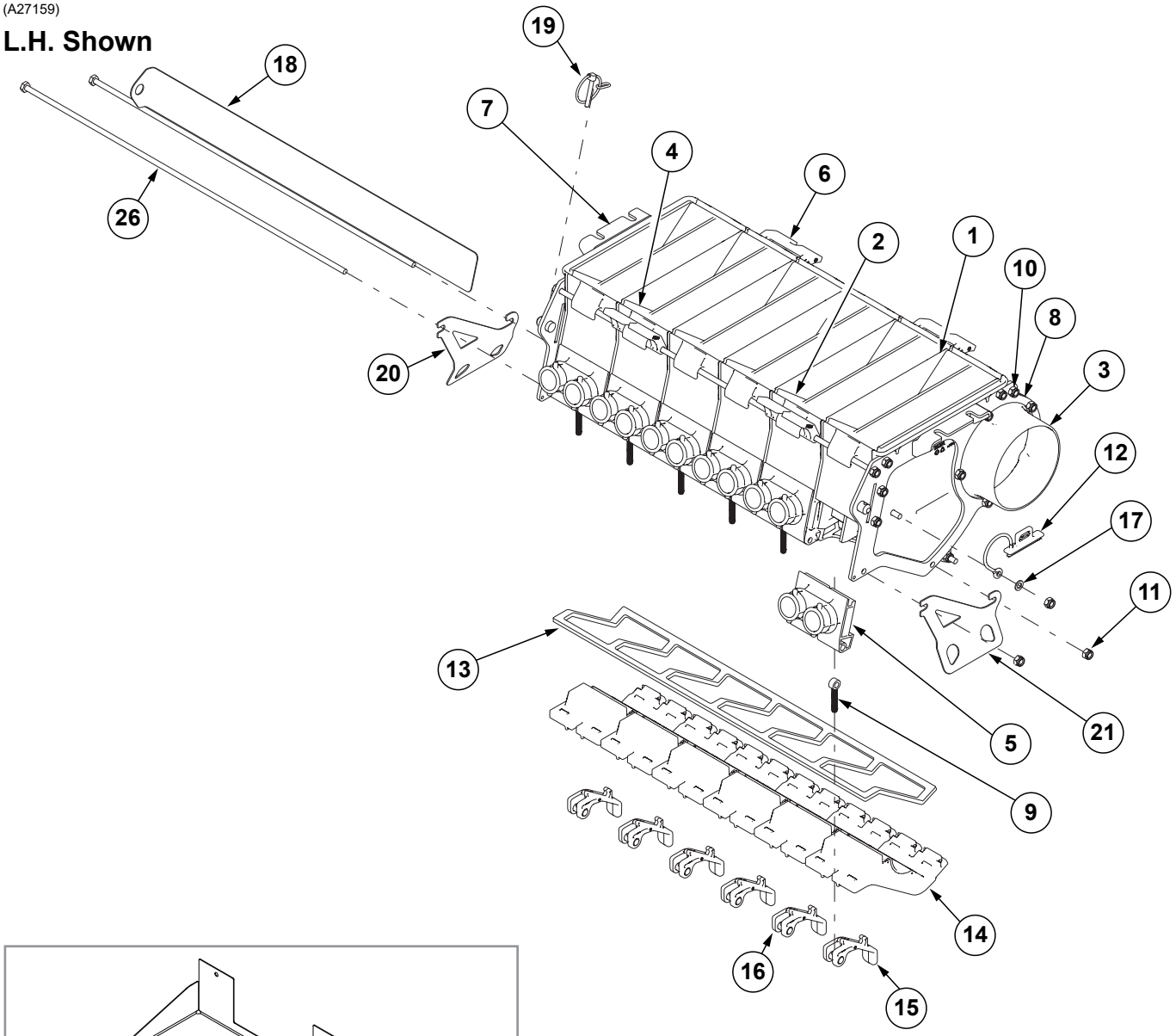
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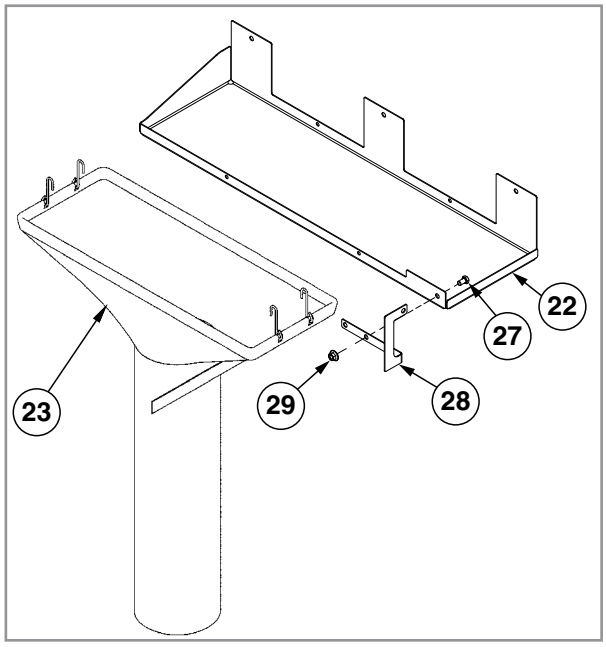


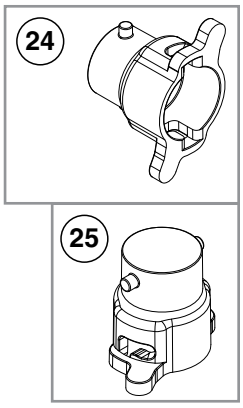
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14330	1	Front Bulk Fill Mount Support, 12 Row 30" and 16 Row 30"
	GA17088	-	Front Bulk Fill Mount Support, 16 Row 7.5" Twin Row
2	GD8306	4	U-Bolt, 7" x 5" x ½"-13
	G10071	8	Serrated Flange Nut, ½"-13
3	GB0493	1	Bulk Fill Manifold
	GR1777	1	Hose Barb, ⅛" Male NPT To 3⁄16" Barb
4	GD19639	2	U-Bolt, 4½" x ⅜"-16
	G11091	4	Serrated Flange Nut, ⅜"-16
5	GD19659-04	2	Black Hose, 4½" I.D. x 18"
	G11360	4	T-Bolt Hose Clamp, 4½"
6	GD19658-02	1	Black Hose, 6" I.D. x 56"
	G11367	2	T-Bolt Clamp 6"
7	GD20401	3	Link Mount
	GD19212	6	U-Bolt, 2½" x ⅜"-16
	G11091	12	Serrated Flange Nut, ⅜"-16
8	GD33962	3	Link
	G10008	6	Hex Head Cap Screw, ⅝"-11 x 2"
	G11391	6	Flat Washer, ⅝" SAE
	G10104	6	Hex Nut, ⅝"-11

(A27159)

L.H. Shown

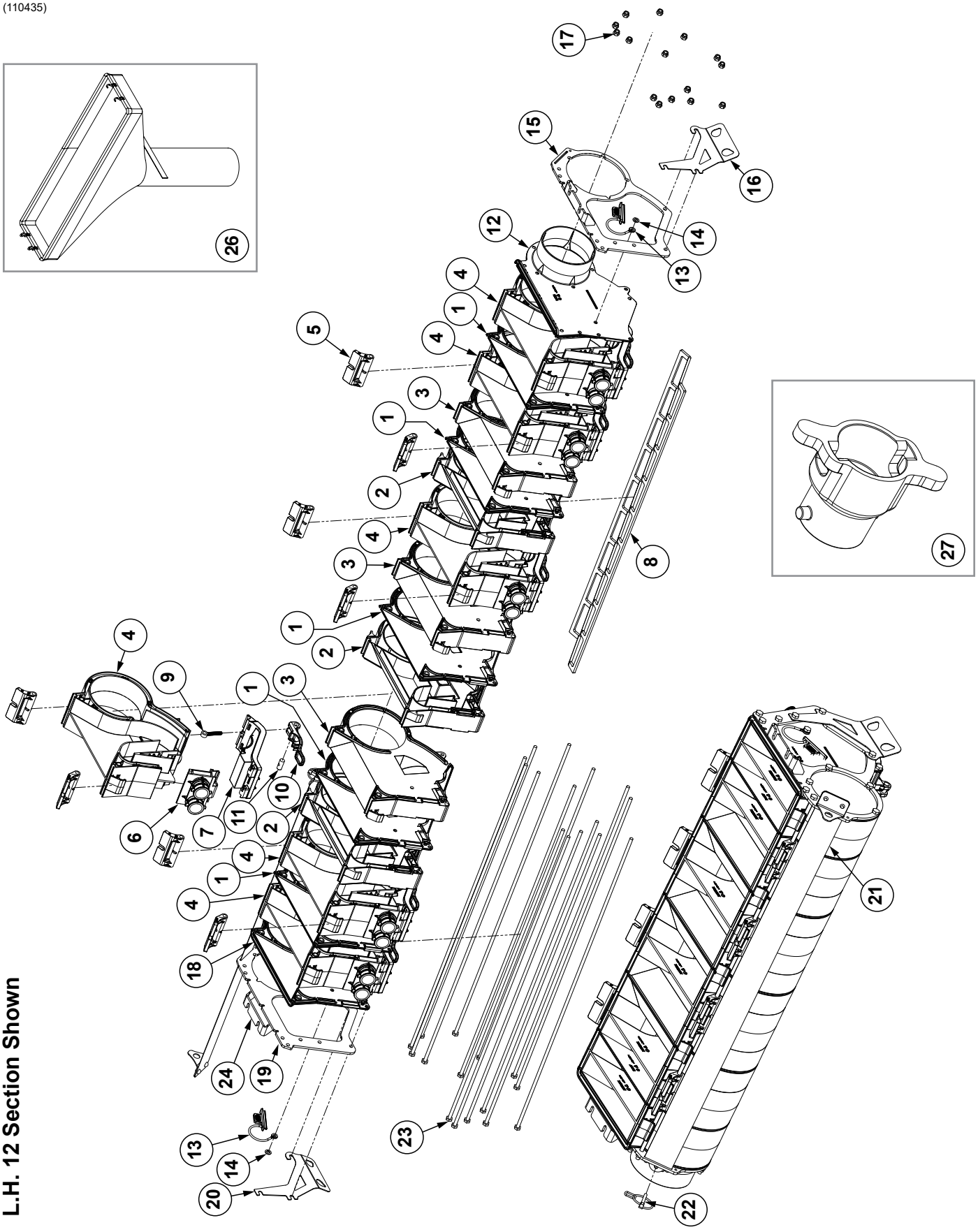






ITEM	PART NO.	QTY.	DESCRIPTION
1	GB1195	6	Entrainer Section
2	GB1197	5	Entrainer Interior Wall
3	GB1201	1	Entrainer End Cap, L.H.
4	GB1199	1	Entrainer End Cap, L.H.
5	GB1196	6	Entrainer Outlet Dual, 1"
6	GB1204	4	Entrainer Mount Adapter
7	G10950901	1	Entrainer Retainment Assembly, L.H.
8	G10950801	1	Entrainer Retainment Assembly, R.H.
9	GD19864	6	Eye Bolt, ¼"-20 x 1.83"
10	GD37049 GD37050	13 15	Hex Head Cap Screw, ¼"-20 x 21¼", Grade 2, 12 Row Hex Head Cap Screw, ¼”-20 x 28¼”, Grade 2, 16 Row
11	G11320	15	Lock Nut, ¼"-20, Grade B
12	GB0444	2	Bulk Fill Shutoff Door Plug
13	G10301201 G10301301	1 -	Cleanout Door Gasket, 12 Row Cleanout Door Gasket, 16 Row
14	GA26104	6	Entrainer Door
15	GB1203	6	Entrainer Door Latch
16	GD21080	6	Cam Nut, ¼"-20
17	G11328	2	Washer, ¼"
18	G10495103 G10495102	1	Entrainer Slide, 12 Row Entrainer Slide, 16 Row
19	G11339	1	Pin W/Chain
20	G10017201	1	Bulk Fill Chute Hanger
21	G10017301	1	Bulk Fill Chute Hanger
22	G10246301	1	Clean Out Chute Bottom
23	GA14822 GA14823	1	Cleanout Chute, 12 Row Cleanout Chute, 16 Row
24	GB0430	-	Bulk Fill Large Cap
25	GB0431	-	Bulk FIll Small Cap (If Applicable)
26	GD19852	3	Hex Head Cap Screw, ¼"-20 x 22"
27	G10328	1	Hex Head Cap Screw, ⅜"-16 x ⅝"
28	G10246001	1	Cleanout Chute Mount
29	G10108	1	Lock Nut, ⅜"-16
A	GA27158 GA27160	-	Bulk Fill Entrainer Assembly, R.H. (Items 1-21), 12 Row Bulk Fill Entrainer Assembly, R.H. (Items 1-21), 16 Row
B	GA27159 GA27163	-	Bulk Fill Entrainer Assembly, L.H. (Shown) (Items 1-21), 12 Row Bulk Fill Entrainer Assembly, L.H. (Items 1-21), 16 Row

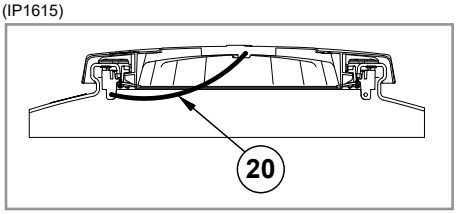
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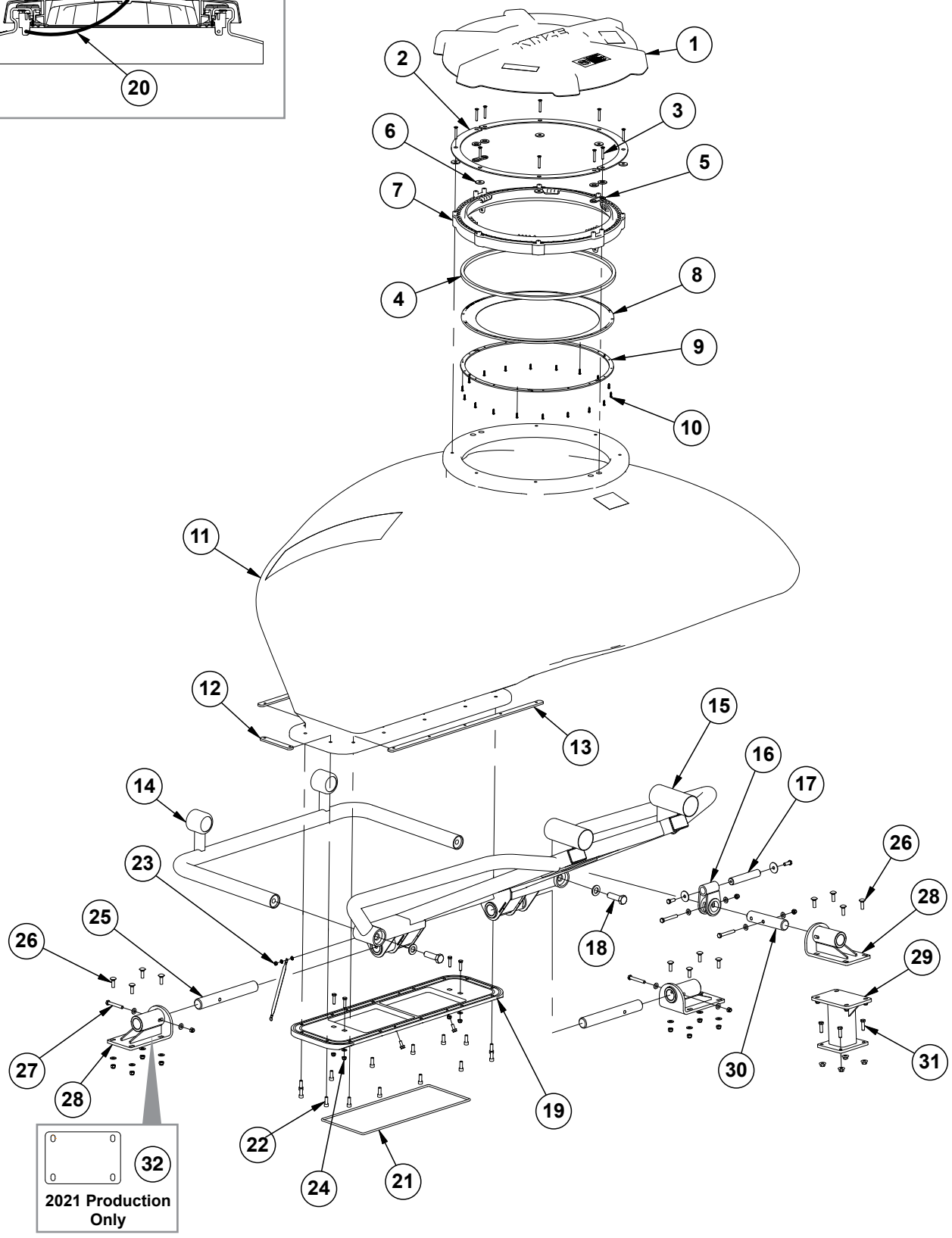


L.H. 12 Section Shown

ITEM	PART NO.	QTY.	DESCRIPTION
1	GB1197	5	Entrainer Interior Wall
2	G10994301	3	Narrow Entrainer Spacer, L.H.
3	G10994401	3	Narrow Entrainer Spacer, R.H.
4	G10993901	6	Entrainer Section
5	GB1204	8	Entrainer Mount Adapter
6	G10994201	6	Dual Entrainer Outlet, 1"
7	G11045701	6	Entrainer Door
8	G10301401	1	Cleanout Door Gasket, 18 Section
9	GD19864	6	Eye Bolt, ¼"-20 x 1.83"
10	G10994101	6	Entrainer Door Latch
11	GD21080	6	Cam Nut, ¼"-20
12	GB1201	1	Entrainer Inlet, L.H.
13	GB0444	2	Bulk Fill Shutoff Door Plug
14	G11328	2	Washer, ¼"
15	G11113501	1	Entrainer Retainment, R.H.
16	G10017301	1	Bulk Fill Chute Hanger
17	G11320	15	Lock Nut, ¼"-20, Grade B
18	GB1199	1	Entrainer End Cap, L.H.
19	G11113601	1	Entrainer Retainment, L.H.
20	G10017201	1	Bulk Fill Chute Hanger
21	G10495105	1	Bulk Fill Shutoff Door
22	G10439801	1	Lynch Pin, 3⁄16" x 1¼" W/Chain
23	G10936301	15	Hex Head Cap Screw, ¼"-20 x 31¾", Grade 2
24	GB1200	1	Entrainer Inlet, R.H.
25	GB1198	1	Entrainer End Cap, R.H.
26	G10925301	1	Center Chute Cleanout
27	GB0431	-	Bulk Fill Small Cap (If Applicable)
A	G11043501	-	12 Section Bulk Fill Entrainer Assembly, L.H. (Items 1-25)
B	G11043502	-	12 Section Bulk Fill Entrainer Assembly, R.H. (Items 1-25)
C	G11043503		16 Section Bulk Fill Entrainer Assembly, L.H. (Items 1-25)
D	G11043504		16 Section Bulk Fill Entrainer Assembly, R.H. (Items 1-25)

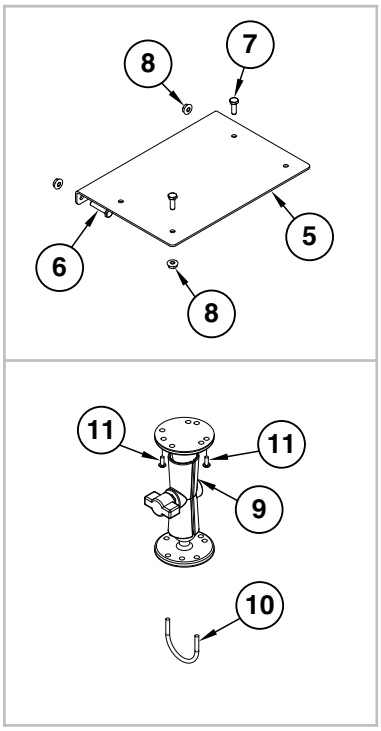
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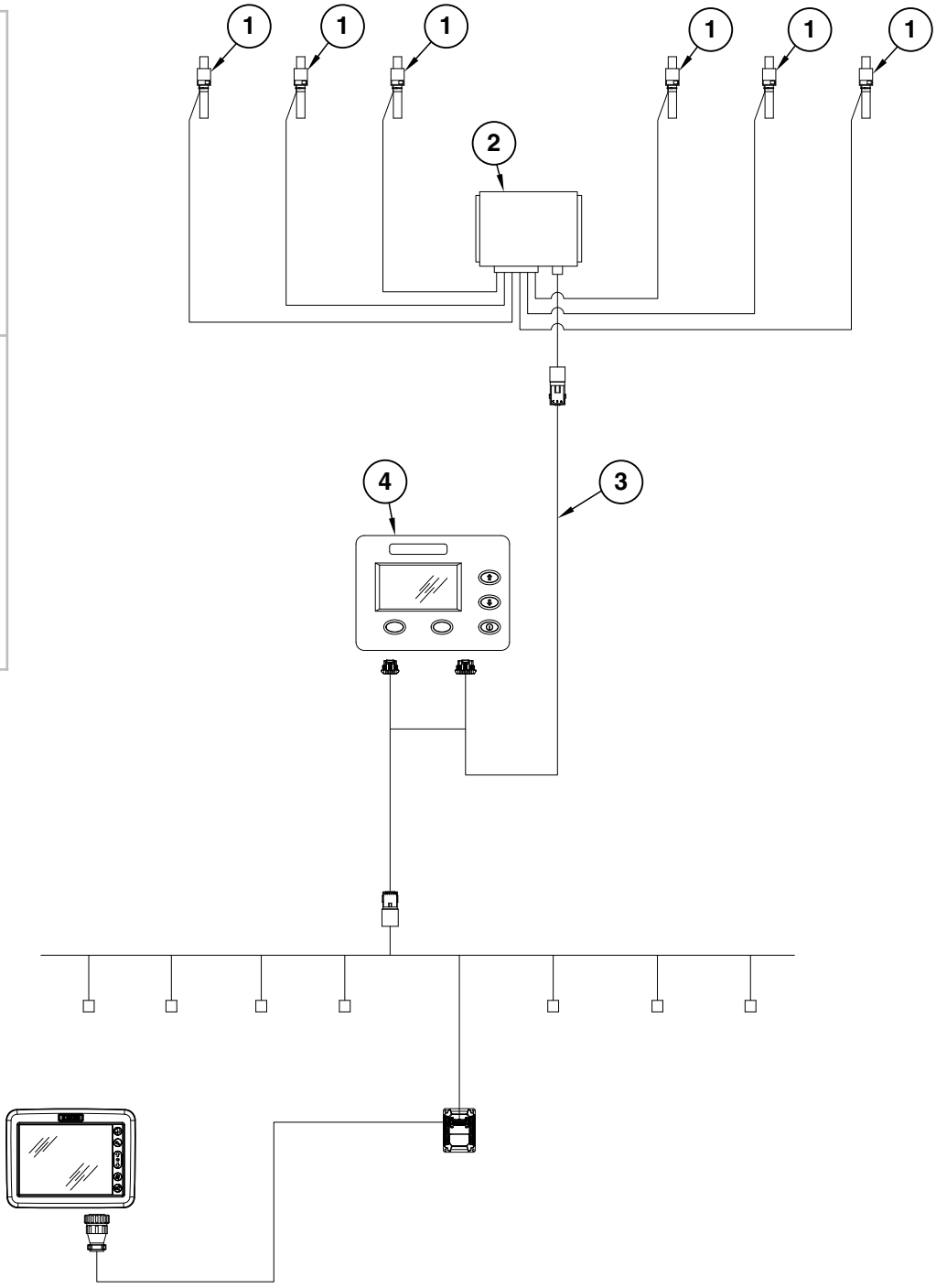

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2021 Production Only

ITEM	PART NO.	QTY.	DESCRIPTION
1	GB0673	1	Bulk Fill Tank Lid
2	GD35844	2	Top Ring Mount Plate
3	G10132501	10	Hex Flange Head Cap Screw, ¼"-20 x 1¾"
	GD24754	4	Foam Seal
4	GD35274-01	1	Ribbon Sealer, 66½" (Length Used For Tank Lid)
5	GB0905	2	Lid Seal Ring Spacer
6	GD35857	6	Foam Seal Washer
7	GB1206	1	Bulk Fill Tank Lid Latch
8	GB0675	1	Bulk Fill Tank Lid Seal
9	GD24386	6	Bulk Fill Lid Seal Ring Segment
10	G11522	18	Phillip Pan Head Tapping Screw, #8-18 x ⅝"
11	G10126101	1	Bulk Seed Tank, 40 Bushel
12	GD20923	2	Entrainer Mount Tap Block, Short
13	G10057501	2	Entrainer Mount Tap Block
14	GA14856	1	Front Bulk Fill Tank Frame
15	GA14858	1	Rear Bulk Fill Tank Mount
16	GA14040	1	Rear Bulk Fill Tank Mount
17	GD20037	1	Pin, 1" x 5⅜"
	G10201	2	Special Washer, ⅜" x 1½" O.D.
	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
18	G10027	2	Hex Head Cap Screw, ¾"-10 x 2½"
	G11392	2	Flat Washer, ¾" SAE
19	GD37001	1	Entrainer Adapter, 12 Row (2021-2025 Production)
	GD37002	1	Entrainer Adapter, 16 Row (2021-2025 Production)
	GD19690-03	1	Ribbon Sealer, 6½' (2021-2025 Production)
	GD19690-04	1	Ribbon Sealer, 7' (2021-2025 Production)
	G10961	4	Flanged Whiz Lock Screw, 5/16"-18 x ¾", No Serration
	G10109101	1	Entrainer Adapter, 12 Row (2026 Production and On)
	G11043503	1	Entrainer Adapter, 16 Row (2026 Production and On)
	GD19690-05	1	Ribbon Sealer, 8.25' (2026 Production and On)
	GD19690-06	1	Ribbon Sealer, 9' (2026 Production and On)
20	GD24879-01	1	Rope Tether, 36"
	G11386	1	Flat Washer, 5/16" SAE
21	G10302501	1	Foam Cord, 58"
22	G11261	14	Hex Socket Head Cap Screw, ⅜"-16 x 1"
23	G11528	1	Hex Nut W/External Tooth Washer, ¼"-20
	G11249	2	External Tooth Washer, ¼"
	GD27607	1	Ground Strap
24	G11182	4	Lock Nut W/Nylon Insert, 5/16"-18
	G11386	4	Flat Washer, 5/16" SAE
	G10171	4	Hex Head Cap Screw, 5/16"-18 x 1¼"
25	GD20035	2	Pin, 1½" x 11¼"
26	G10599	12	Carriage Bolt, ⅜"-16 x 1¼"
	G11387	12	Flat Washer, ⅜" SAE
	G10108	12	Lock Nut, ⅜"-16
27	G10325	4	Hex Head Cap Screw, ⅜"-16 x 2¾"
	G11387	8	Hardened Washer, ⅜" SAE
	G10108	4	Lock Nut, ⅜"-16
28	GA14041	3	Bulk Fill Tank Mount
29	GA14052	1	Rear Tank Mount
30	GD20036	1	Pin, 1½" x 7"
31	G10004	4	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	4	Serrated Flange Nut, ⅜"-16
32	G10328201	6	Spacer
	G10306	24	Carriage Bolt, ⅜"-16 x 2"
	G11387	24	Flat Washer, ⅜" SAE
	G10108	24	Lock Nut, ⅜"-16
A	G10129501	-	Bulk Fill Lid Seal Assembly, (Items 7-10)

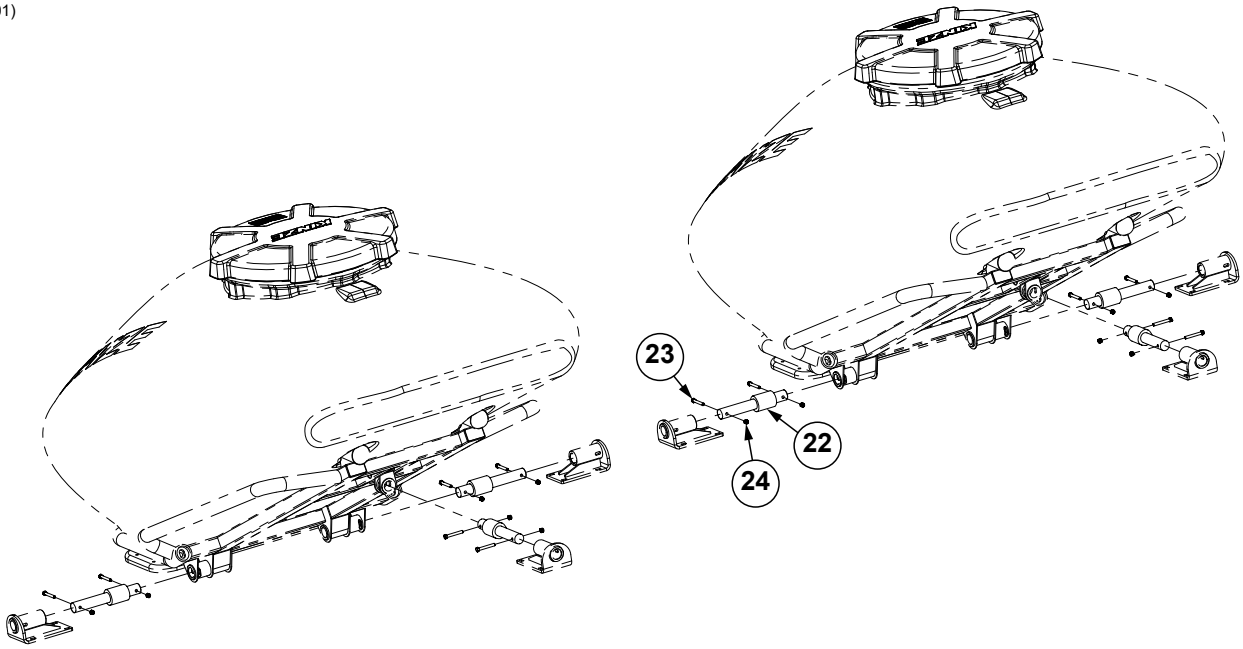
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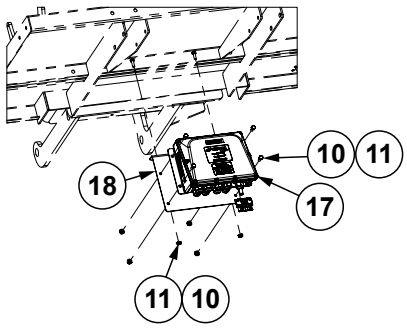


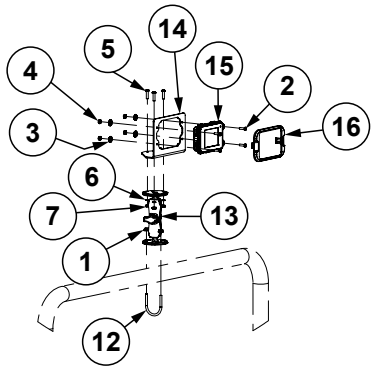


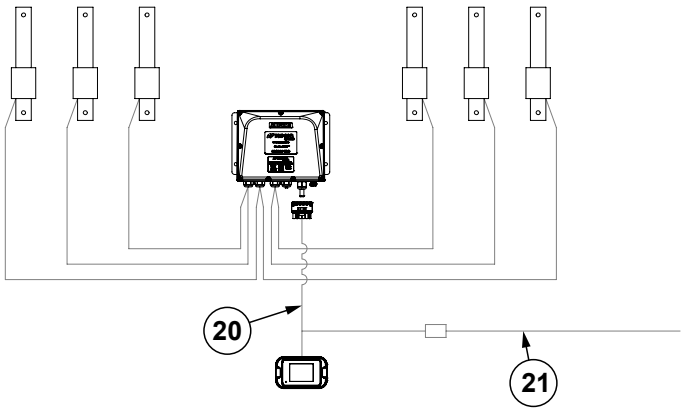
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14135	6	Load Cell
2	A14136	1	Scale Module
3	GA14129	1	Power Cable
4	GA14133	1	Bulk Fill Scale Display
5	G10265001	1	Module Mounting Bracket
6	G10857	2	Hex Head Cap Screw, ¼"-20 x 1¼"
7	G10002	2	Hex Head Cap Screw, ⅜"-16 x ¾"
8	G10621	4	Serrated Flange Nut, ¼"-20
9	GA12403	1	Mounting Bracket Assembly, Includes: (2) Mounting Brackets, (2) Connector Halves, (1) Compression Spring
10	GD20282 G11284	1 2	U-Bolt, #10-32 Serrated Flange Nut, #10-32
11	G11216	2	Phillips Pan Head Machine Screw, No. 10-32 x ½", Stainless Steel

(10288601)



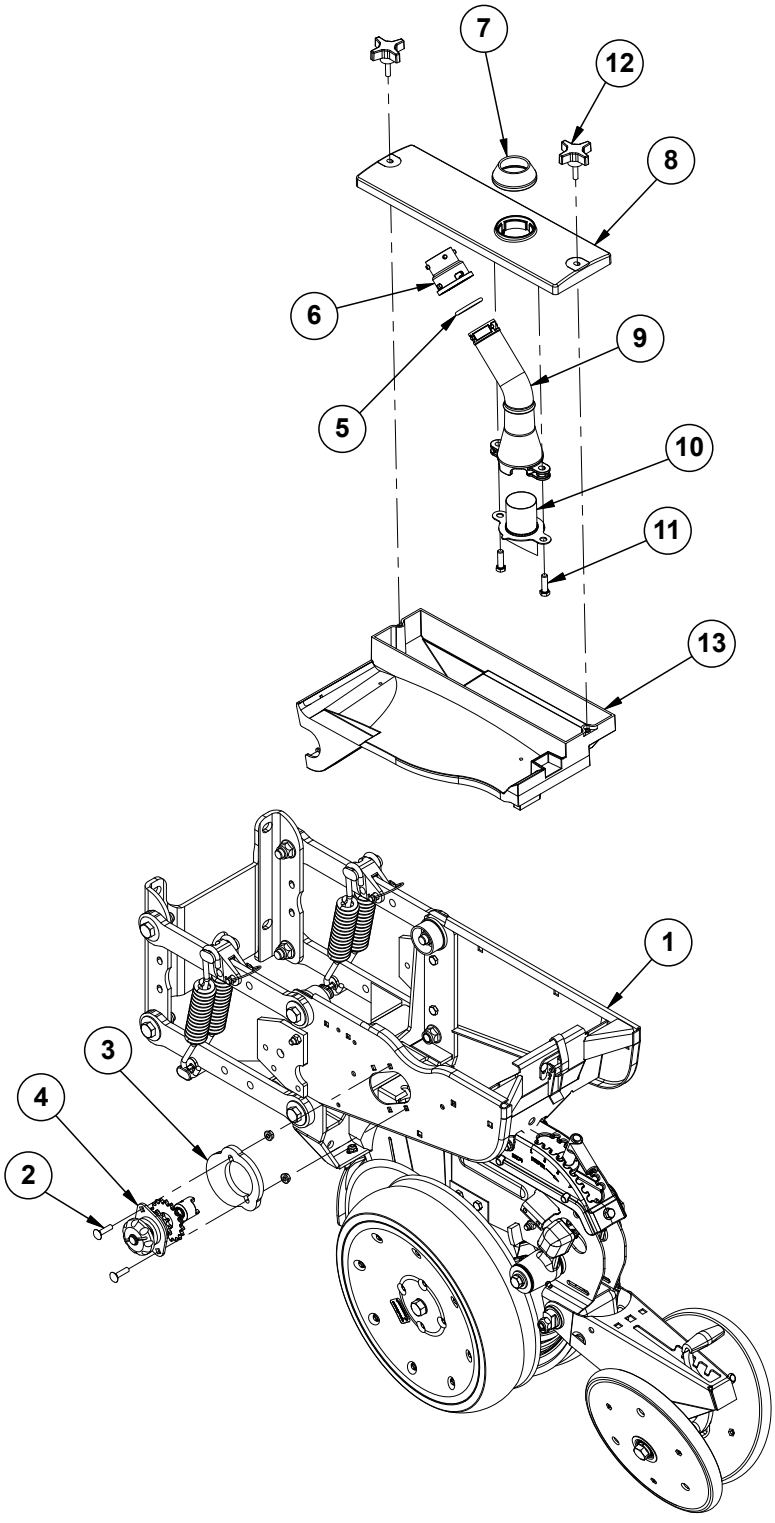






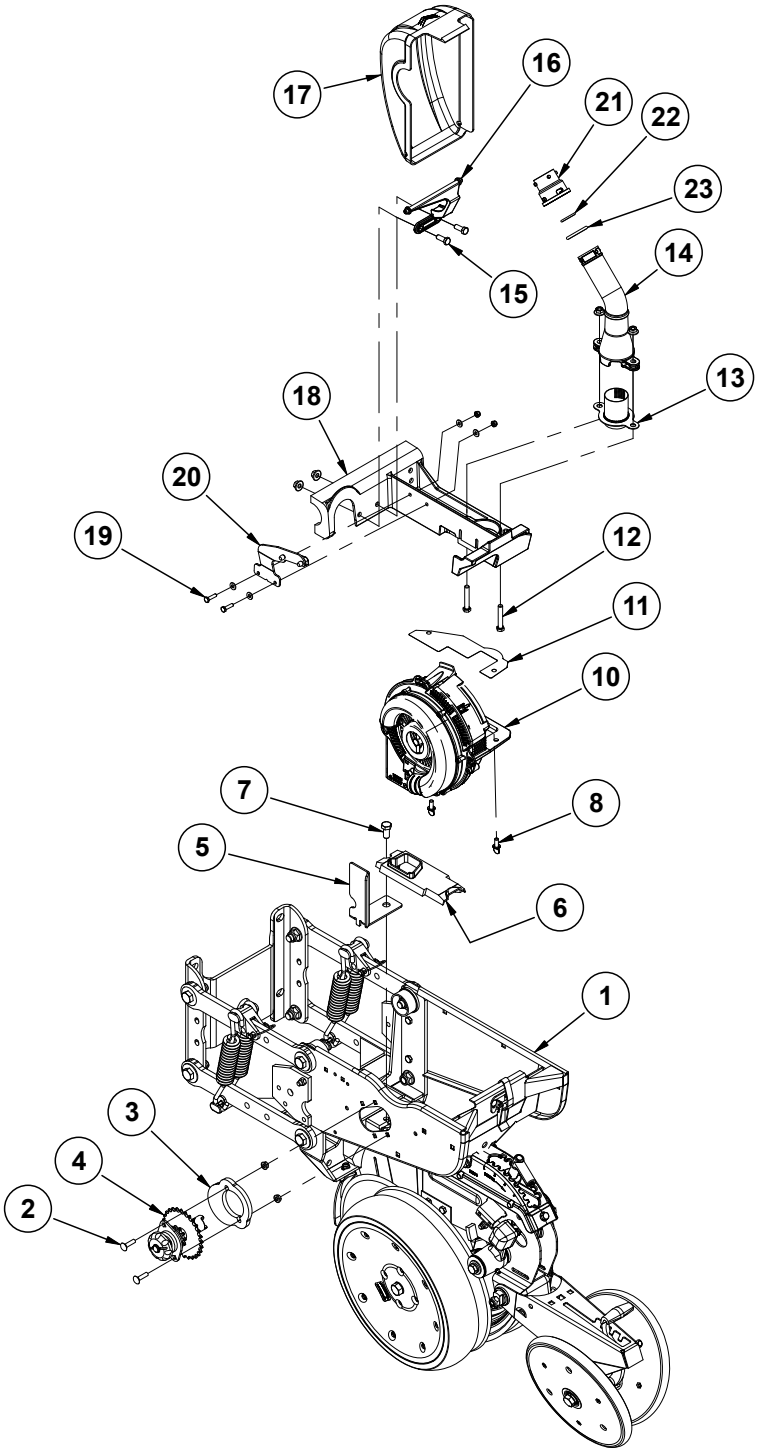
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11284	2	Serrated Flange Nut, No. 8-32
2	G11065	4	Phillips Pan Head Machine Screw, No. 8-32 x ⅝", Stainless Steel
3	G10931	4	Lock Washer, No. 8, Internal/External, Stainless Steel
4	G10251	4	Hex Nut, No. 8-32
5	G11401	3	Phillips Pan Head Machine Screw, No. 10-32 x ¾", Stainless Steel
6	G10257	3	Lock Washer, No. 10
7	G10758	3	Hex Nut, No. 10-32
8	---	---	---
9	---	---	---
10	G10023	6	Hex Head Cap Screw, ¼"-20 x ¾"
11	G10621	6	Serrated Flange Nut, ¼"-20
12	GD20282	1	U-Bolt, #10-32
13	GA12403	1	Mounting Bracket Assembly, Includes: (2) Mounting Brackets, (2) Connector Halves, (1) Compression Spring
14	G10242601	1	Display Mount Bracket
15	G10488902	1	PHD28 Scale Display
16	G10267101	1	PHD28 Bezel
17	G10002701	1	CAN Scale Module
18	G10265001	1	Scale Module Mount
19	---	---	---
20	G10242801	1	PHD28 Bulk Fill Scale CAN Cable
21	G10266901	1	CAN Stub Harness
22	GA14135	6	Load Cell
23	G10325	12	Hex Head Cap Screw, ⅜"-16 x 2¾"
24	G10108	12	Lock Nut, ⅜"-16

(IP1638)



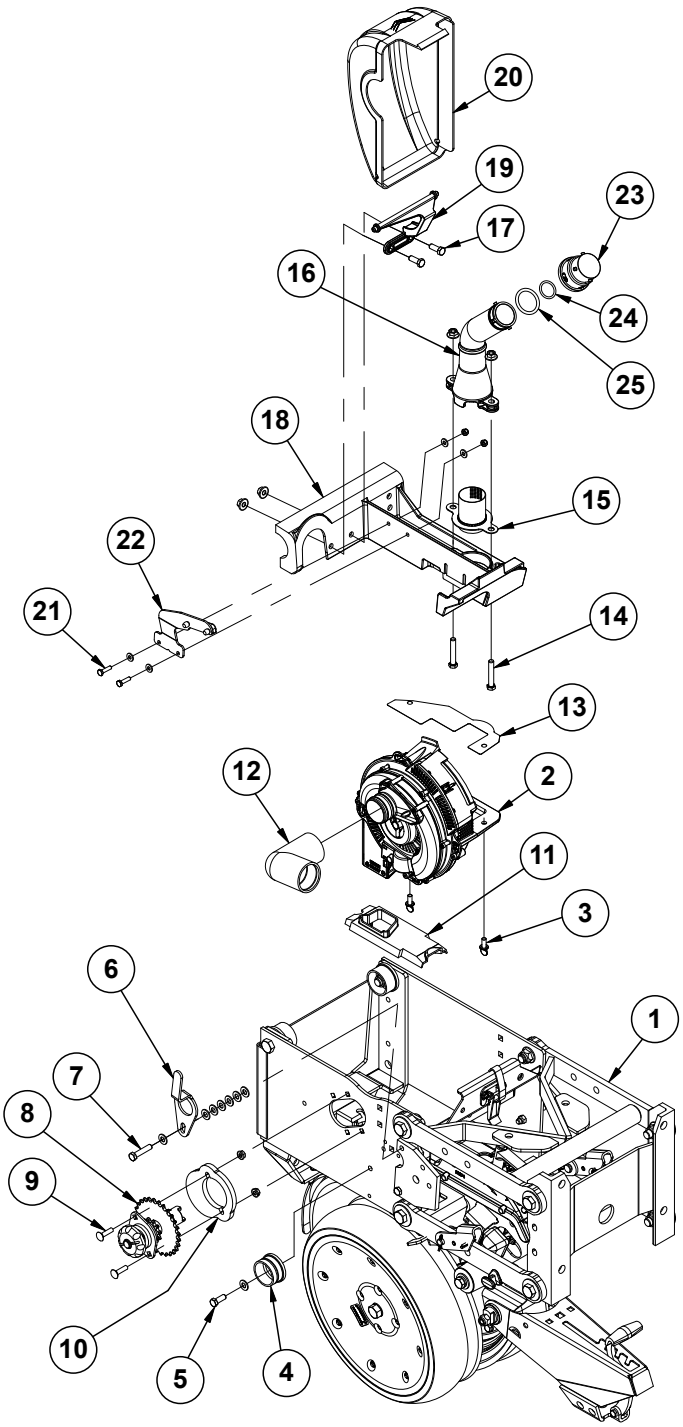
ITEM	PART NO.	QTY. Per Row	DESCRIPTION
1	---	-	See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3 See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option" on page P7 See "Hopper Support and Meter Drive" on page P19
2	G10338 G10109	2 2	Carriage Bolt, 5/16"-18 x 1¼" Lock Nut, 5/16"-18
3	G11013701	1	Clutch Adapter Plate
4	GA10151	1	Seed Meter Clutch Assembly, 11/19 Tooth
5	GD19509	1	O-Ring, Large
6	GB0430	1	Bulk Fill Large Cap
7	GB0446	1	Bulk Fill Mechanical Meter Cover Seal
8	GB0445	1	Bulk Fill Mechanical Meter Cover
9	GB0455	1	Bulk Fill Air Pressure Dissipator
10	GB0574	1	Air Dissipator Screen
11	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1¼"
12	GD29339	2	4-Prong Knob
13	GA9547 GD12561	1 -	Mini-Hopper Threaded Insert, 5/16"-18
A	GA14031	-	Bulk Fill Mechanical Meter Cover Assembly (Items 7-11)

(IP1636)



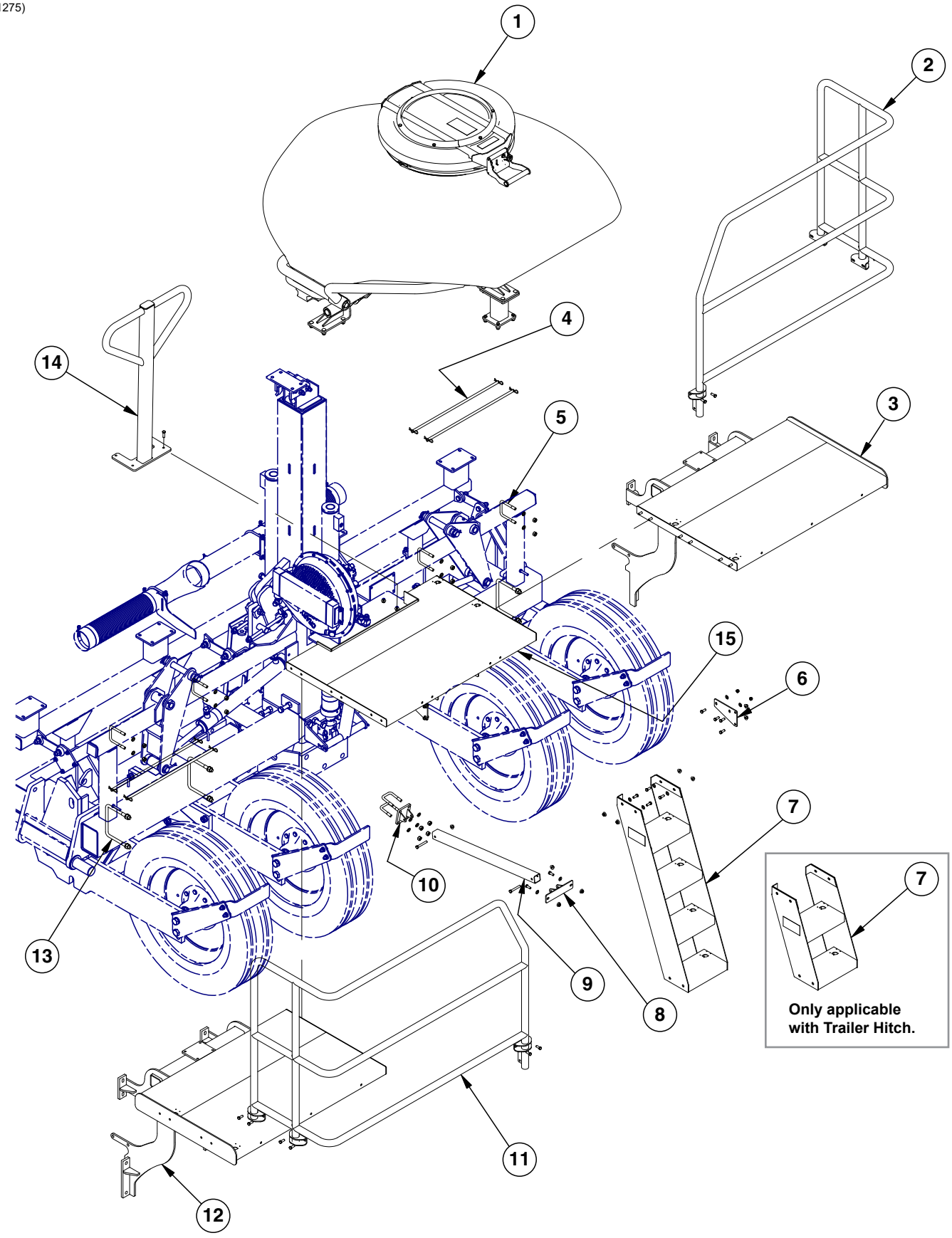
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	1	See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3 See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option" on page P7 See "Hopper Support and Meter Drive" on page P19
2	G10338 G10109	2 2	Carriage Bolt, 5⁄16"-18 x 1¼" Lock Nut, 5⁄16"-18
3	G11013701	1	Clutch Adapter Plate
4	GA20640 G3303-108 G3303-120 GR0196	1 - - -	Meter Drive Assembly, 11/28 Tooth Chain, No. 41, 108 Pitch Including Connector Link Chain, No. 41, 120 Pitch Including Connector Link (Center 4 Rows) Connector Link, No. 41
5	GD29798	1	Chain Guard
6	GB0926	1	Shank Cover
7	G10014 G10071	1 1	Hex Head Cap Screw, ½"-13 x 1" Serrated Flange Nut, ½"-13
8	G11009	2	Locking Thumbscrew, 5⁄16"-18 x ¾"
9	---	---	---
10	----	1	See "Vacuum Seed Meter" on page P29
11	GD29413	1	Hopper Shim
12	G10939 G11091	2 2	Hex Head Cap Screw, ⅜"-16 x 2¼" Serrated Flange Nut, ⅜"-16
13	GB0901	1	Air Dissipator Screen
14	GB0455	1	Bulk Fill Air Pressure Dissipator
15	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
	G11091	2	Serrated Flange Nut, ⅜"-16
16	GB0717	1	Vacuum Meter Cover Hinge
17	GB0428	1	Meter Cover
18	GA25304 GD35858	1 -	Meter Mount W/Inserts Threaded Insert, 5⁄16"-18 (Included W/GA25304)
19	G10064 G11385 G10110	2 4 2	Hex Head Cap Screw, ¼"-20 x 1" Flat Washer, ¼" SAE Lock Nut, ¼"-20, Grade B
20	GA21309	1	Meter Support
21	GB0430	1	Bulk Fill Large Cap
22	GD19508	1	Small O-Ring
23	GD19509	1	O-Ring, Large

(IP1637)



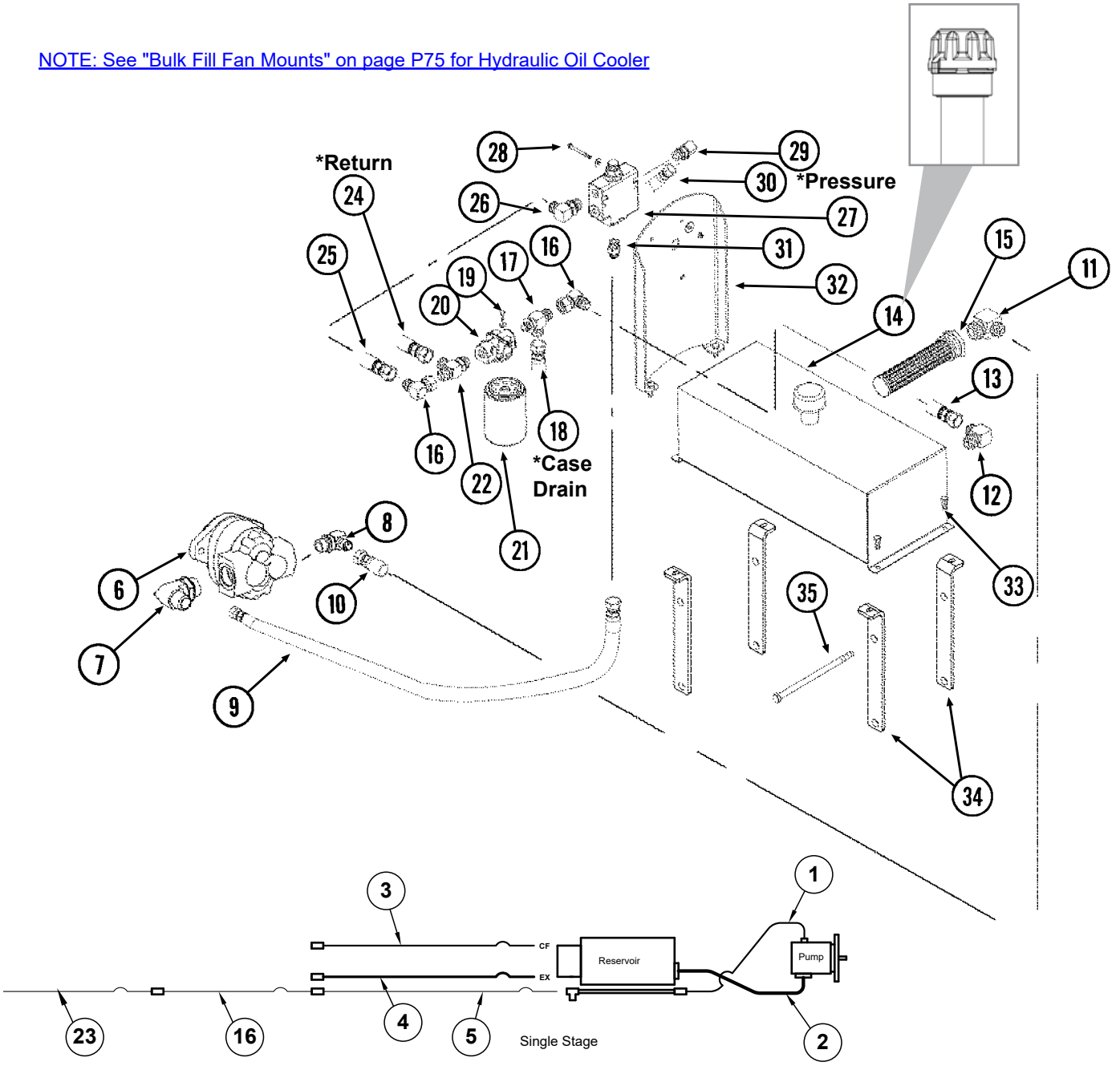
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	---	See "Shank and Depth Adjustment (Split Row)" on page P49 See "Parallel Arms and Face Plate (Split Row)" on page P45
2	GA21482	1	See "Vacuum Seed Meter" on page P29
3	G11009	2	Locking Thumbscrew, 5/16"-18 x 3/4"
4	GD17052	1	Vacuum Plug
5	G10001 G11387 G10108	1 8 1	Hex Head Cap Screw, 3/8"-16 x 1" Hardened Washer, 3/8" SAE Lock Nut, 3/8"-16
6	G10180301	1	Vacuum Hose Guide
7	G10047	1	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
8	GA20640 G3303-108 G3303-120 GR0196	1 - - -	Meter Drive Assembly, 11/28 Tooth Chain, No. 41, 108 Pitch Including Connector Link Chain, No. 41, 120 Pitch Including Connector Link (Center 4 Rows) Connector Link, No. 41
9	G10338 G10109	2 2	Carriage Bolt, 5/16"-18 x 1 1/4" Lock Nut, 5/16"-18
10	G11013701	1	Clutch Adapter Plate
11	GB0926	1	Shank Cover
12	GB1313	1	90° Elbow, 1½" Hose
13	GD29413	1	Hopper Shim
14	G10939 G11091	2 2	Hex Head Cap Screw, 3/8"-16 x 2 1/4" Serrated Flange Nut, 3/8"-16
15	GB0901	1	Air Dissipator Screen
16	GB0455	1	Bulk Fill Air Pressure Dissipator
17	G10001 G11091	2 2	Hex Head Cap Screw, 3/8"-16 x 1" Serrated Flange Nut, 3/8"-16
18	GA25304 GD35858	1 -	Meter Mount W/Inserts Threaded Insert, 5/16"-18 (Included W/GA25304)
19	GB0717	1	Vacuum Meter Cover Hinge
20	GB0428	1	Vacuum Meter Cover
21	G10064 G10110 G11385	2 2 4	Hex Head Cap Screw, 1/4"-20 x 1" Lock Nut, 1/4"-20, Grade B Flat Washer, 1/4" SAE
22	GA21309	1	Meter Support
23	GB0430	1	Bulk Fill Large Cap
24	GD19508	1	Small O-Ring
25	GD19509	1	O-Ring, Large

(IP1275)


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Only applicable
with Trailer Hitch.

ITEM	PART NO.	QTY.	DESCRIPTION
1	---	2	See "Bulk Fill Tank Assembly" on page P93
2	GA14372	1	R.H. Rail
	G11091	6	Serrated Flange Nut, ⅜"-16
	G10001	6	Hex Head Cap Screw, ⅜"-16 x 1"
3	GA14370	1	R.H. Catwalk
	G4431-01	1	Edge Molding, ⅜" x 19"
	G11091	6	Serrated Flange Nut, ⅜"-16
	G10001	6	Hex Head Cap Screw, ⅜"-16 x 1"
4	GD20756	4	Seed Tube Hold Down Pin
	G11303	8	Hair Pin Clip, #9, 9/32" x 2 15/16"
5	GD4743	4	U-Bolt, 3" x 3" x ½"-13
	G10071	8	Serrated Flange Nut, ½"-13
6	GD20599	2	Rail Stiffener
	G11387	10	Flat Washer, ⅜" SAE
	G10108	4	Lock Nut, ⅜"-16
	G11091	4	Serrated Flange Nut, ⅜"-16
	G10001	8	Hex Head Cap Screw, ⅜"-16 x 1"
7	GA17070	1	Wide Ladder
	GA16145	-	Short Ladder (Only Applicable with Trailer Hitch)
	GA17078	-	Narrow Ladder (Only Applicable with Insecticide)
	G11091	4	Serrated Flange Nut, ⅜"-16
	G10049	4	Hex Head Cap Screw, ⅜"-16 x 2½"
8	GA14444	1	Ladder Stiffener Mount
	G10325	2	Hex Head Cap Screw, ⅜"-16 x 2¾"
	G11091	4	Serrated Flange Nut, ⅜"-16
	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
9	GD20589	1	Ladder Stiffener Tube
10	GD2721	2	U-Bolt, 2" x 2" x ½"-13
	G10228	4	Lock Washer, ½"
	G10102	4	Hex Nut, ½"-13
	GA14445	1	Strut Stiffener Mount
11	GA14373	1	L.H. Rail
	G11091	6	Serrated Flange Nut, ⅜"-16
	G10001	6	Hex Head Cap Screw, ⅜"-16 x 1"
12	GA14371	1	L.H. Catwalk
	G11091	6	Serrated Flange Nut, ⅜"-16
	G10001	6	Hex Head Cap Screw, ⅜"-16 x 1"
13	GD1113	4	U-Bolt, 5" x 7" x ⅝"-11
	G10230	8	Lock Washer, ⅝"
	G10104	8	Hex Nut, ⅝"-11
14	GA14589	1	Front Handrail
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	2	Serrated Flange Nut, ⅜"-16
15	GA17080	1	Center Catwalk

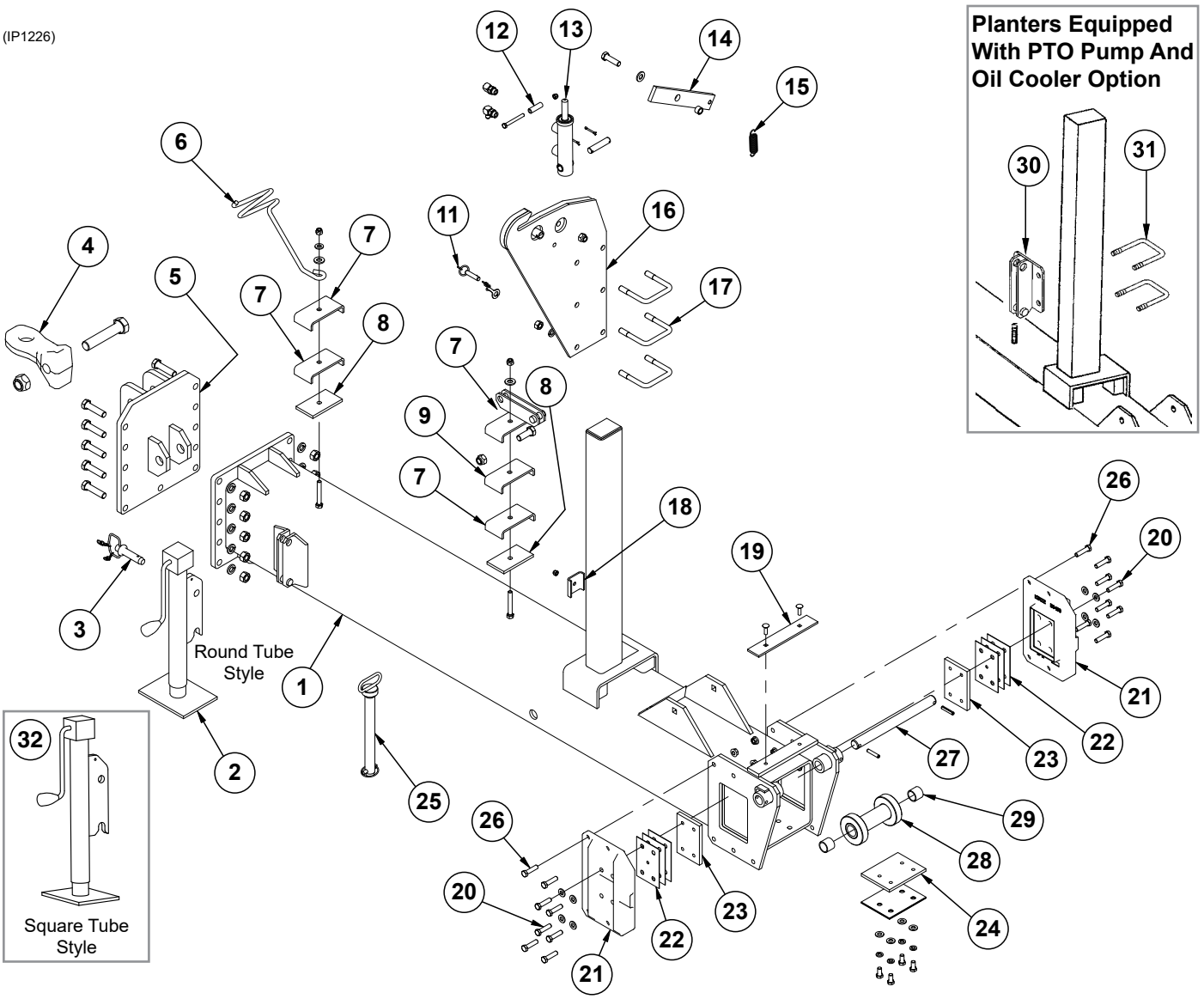
NOTE: See "Bulk Fill Fan Mounts" on page P75 for Hydraulic Oil Cooler



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A18699-66	1	Hose Assembly, ½" x 66" (10F45 - 12F)
2	*A11810-64	1	Hose Assembly, 1¼" x 64" (20F - 20F)
3	*A25706-82 *A25706-142	1 1	Hose Assembly, ½" x 82" (10F-10F90S), 12 Row Hose Assembly, ½" x 142" (10F - 10F90S), 16 Row
4	*A21554-84 *A21554-144	1 1	Hose Assembly, ⅝" x 84" (10F90S-12F), 12 Row Hose Assembly, ⅝" x 144" (10F90S - 12F), 16 Row
5	*A15092-86 *A15092-146	1 1	Hose Assembly, ⅜" x 86" (06F - 08F), 12 Row Hose Assembly, ⅜" x 146" (06F - 08F), 16 Row
6	G10225X GR2025	- -	PTO Pump Replacement Package (Includes Pump and Instruction Sheet) Seal Kit

ITEM	PART NO.	QTY.	DESCRIPTION
7	G6801-10-12	1	Elbow W/O-Ring, 90°, ⅞"-14 Male JIC To 1⅛"-12 O-Ring
	GR1467	-	O-Ring
8	G6801-16-20	-	Elbow W/O-Ring, 90°, 1⅝"-12 Female JIC To O-Ring
	GR1786	-	O-Ring
9	*A1464	1	Hose Assembly, ½" x 72"
10	*A6201	1	Hose Assembly, 1" x 72"
11	2501-16-20	1	Elbow, 90°, 1⅝"-12 Male JIC To 1¼" NPT
12	2501-12-16	1	Elbow, 90°, 1⅛"-12 Male JIC To 1" NPT
13	*A3371	1	Hose Assembly, ¾" x 25"
14	GA27105	1	Reservoir W/Breather, 10 Gallon
	GR1834	-	Raised Filler Breather (Included W/GA27105)
15	GD16040	1	Strainer
16	*A12096	1	Hose Assembly, ⅜" x 140" (06F-08F)
17	G6804-12-12	1	Adjustable Tee W/O-Ring, 1⅛"-12 Male JIC To 1⅛"-12 Male O-Ring To ¾"-16
	GR1467	-	O-Ring
18	*A1105	-	Hose Assembly, ¼" x 125", 12 Row 30"
	*A7607	-	Hose Assembly, ¼" x 187", 16 Row 30"
19	G10023	2	Hex Head Cap Screw, ¼"-20 x ¾"
	G10227	2	Lock Washer, ¼"
20	GD16038	1	Filter Head
21	GD16037	1	Oil Filter, 10 Micron
22	G6804-12	1	Adjustable Tee W/O-Ring, 1⅛"-12 Male JIC To O-Ring
	GR1467	-	O-Ring
23	*A12094	1	Hose Assembly, ⅜" x 73" (06F-06F)
24	*A12929	-	Hose Assembly, ¾" x 127", 12 Row 30"
	*A12928	-	Hose Assembly, ¾" x 187", 16 Row 30"
25	*A21533-36	1	Hose Assembly, ¾" x 36" (12F-12F)
26	G6801-12-10	1	Elbow W/O-Ring, 90°, 1⅛"-12 Male JIC To ⅞"-14 O-Ring
	GR1466	-	O-Ring
27	GA10918	1	Flow Control Valve
28	G10403	2	Hex Head Cap Screw, ¼"-20 x 2½"
	G11385	4	Flat Washer, ¼" SAE
	G10110	2	Lock Nut, ¼"-20, Grade 8
29	G6801-10	1	Elbow W/O-Ring, 90°, ⅞"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
30	*A12758	-	Hose Assembly, ½" x 135", 12 Row 30"
	*A12757	-	Hose Assembly, ½" x 195", 16 Row 30"
31	G6400-10	1	Connector W/O-Ring, ⅞"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
32	G10048201	1	Mounting Bracket
33	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
	G11387	4	Flat Washer, ⅜" SAE
	G10108	4	Lock Nut, ⅜"-16
34	GD16644	4	Bracket, 14½"
35	G11158	4	Hex Head Cap Screw, ½"-13 x 11½"
	G10228	4	Lock Washer, ½"
	G10102	4	Hex Nut, ½"-13

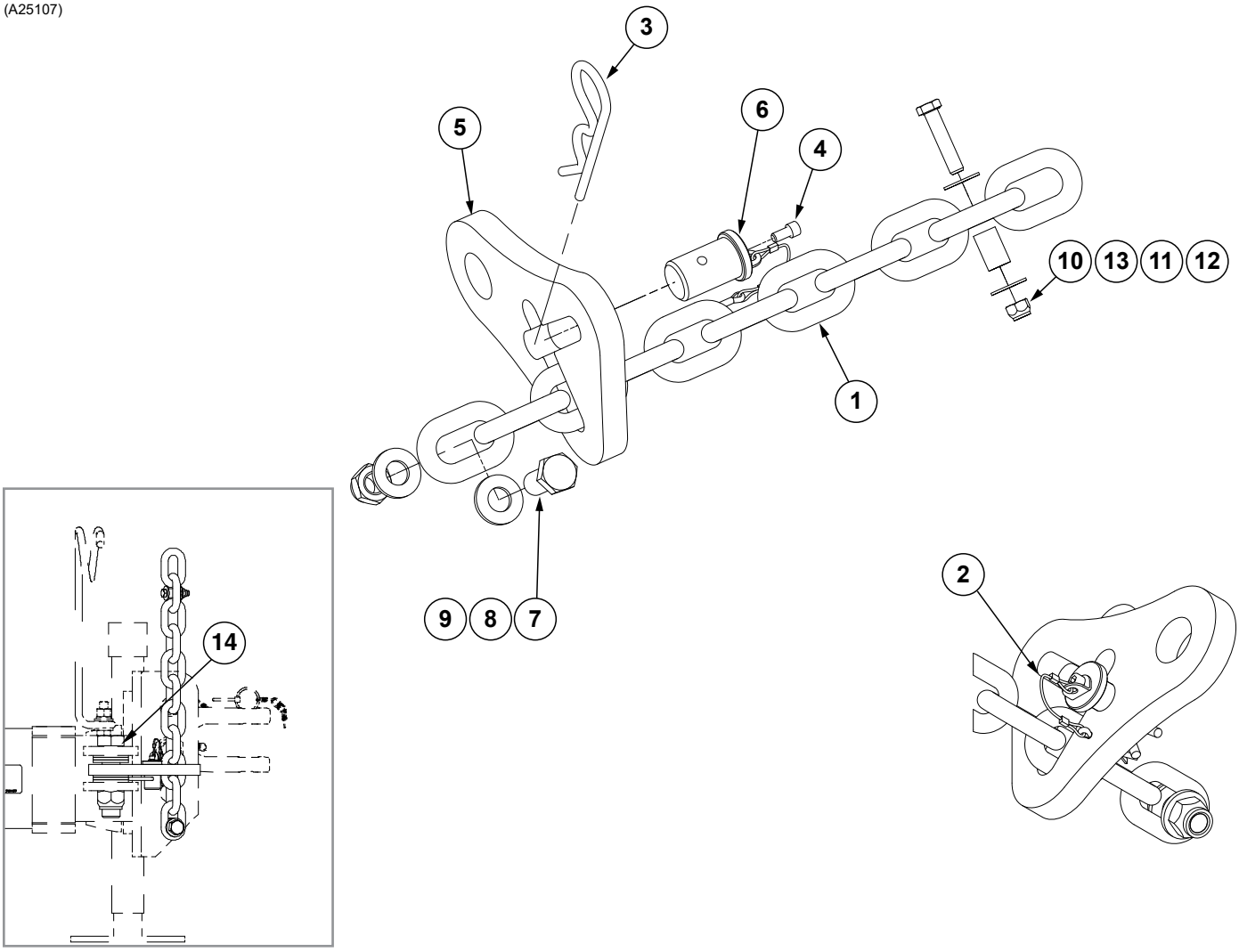
*** Hydraulic hose is not stocked by Kinze Repair Parts.**



ITEM	PART NO.	QTY.	DESCRIPTION
1	A14310	1	Outer Hitch, “Y”, 97½" 12 Row 30" **(Non-Stock Item)**
	A7088	-	Outer Hitch, “Y”, 127½", 16 Row 30" **(Non-Stock Item)**
	A12529	-	Outer Hitch, “Y”, 127½", 16 Row 7.5" Twin Row **(Non-Stock Item)**
2	GA13986	1	Jack Assembly Complete (Round Tube Style)
	GR2152	1	Crank Repair Kit (Included W/GA13986)
	GR2153	1	Bevel Gear Set, Includes: (2) Bevel Gears, (1) Gear Pin, (1) Groove Pin (Included W/GA13986)
3	GA4995	1	Detent Pin Assembly
4	GB0292	1	Hitch Clevis, Single (2" Hole)
	G10694601	1	Articulating Hitch, Cat 4
	G10169	1	Hex Head Cap Screw, 1¼"-7 x 6"
	G10157	1	Lock Nut, 1¼"-7
5	GA9837	1	Hitch Mount, 12 Row 30" and 16 Row 30"
	GA12577	-	Hitch Mount, 16 Row 7.5" Twin Row
	G10028	11	Hex Head Cap Screw, ¾"-10 x 3"
	G11392	11	Flat Washer, ¾" SAE
	G10105	11	Hex Nut, ¾"-10
6	GD8260	1	Hose Holder
	G11391	1	Flat Washer, ⅝", SAE
	G11389	1	Flat Washer, ½", SAE
	G10111	1	Lock Nut, ½"-13

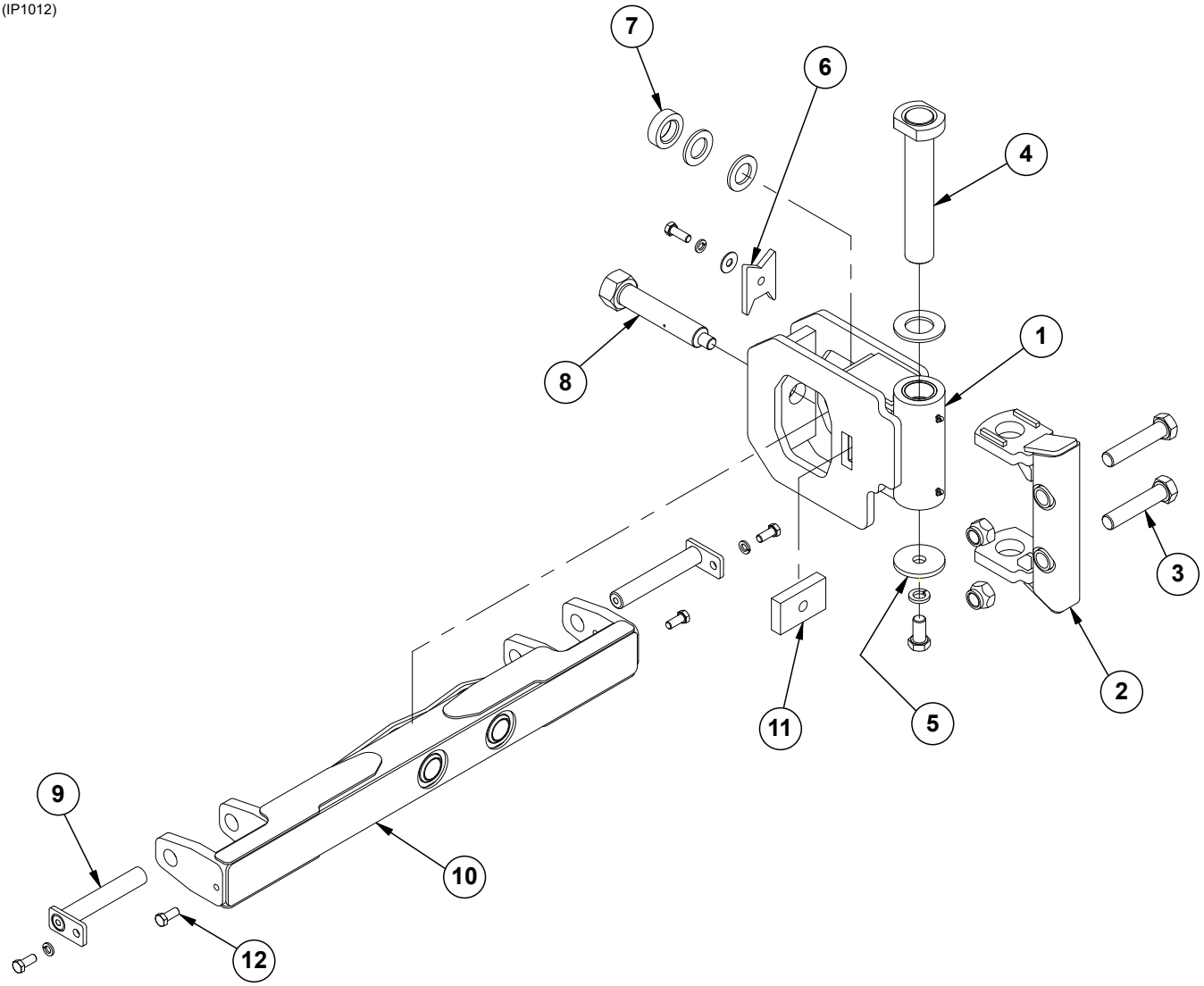
ITEM	PART NO.	QTY.	DESCRIPTION
7	GD8188	3	Hose Clamp, 7/8" x 3" x 5 3/8"
8	GD8189	2	Rubber Strip, 3/8"
9	GA5842	1	Bracket, Jack Mount
	G10026	1	Hex Head Cap Screw, 3/4"-10 x 2"
	G10112	1	Lock Nut, 3/4"-10
10	GD14121	1	Hose Clamp, 7/8" x 3 1/2"
	G10111	1	Lock Nut, 1/2"-13
11	GA7022	1	Detent Pin W/Chain (Transport Latch Locking Pin)
12	GD2971-09	1	Sleeve, 2" Long
	G10809	1	Hex Head Cap Screw, 3/8"-16 x 3 1/4"
	G10108	1	Lock Nut, 3/8"-16
13	GA9559	1	See “Transport Latch Cylinder” on page P181
	G6801-06-08	2	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To 3/4"-16 O-Ring
	GD7137	1	Pin, 3/4" x 3 3/8"
	G10457	2	Cotter Pin, 5/32" x 1 1/2"
14	GA7016	1	Catch Bar
	GB0218	1	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
	G10006	1	Hex Head Cap Screw, 5/8"-11 x 2 1/4"
	G10107	1	Lock Nut, 5/8"-11
	G11391	1	Flat Washer, 5/8", SAE
15	GD5857	1	Spring
16	GA7433	1	Transport Catch
	G10765	1	Spring Pin, 1/4" x 1"
17	GD32368	3	U-Bolt, 3" x 4" x 5/8"-11
	G10230	6	Lock Washer, 5/8"
	G10104	6	Hex Nut, 5/8"-11
18	GD5875	1	Hose Clamp, 9/16" x 2 1/2" x 2"
	G10108	1	Lock Nut, 3/8"-16
19	GD20728	1	Spacer Bar
	G10599	2	Carriage Bolt, 3/8"-16 x 1 1/4"
	G10108	2	Lock Nut, 3/8"-16
20	G10016	4	Hex Head Cap Screw, 1/2"-13 x 2"
	G11389	4	Flat Washer, 1/2", SAE
21	GB0458	1	Wear Pad Retainer, L.H. and R.H.
22	GD3501	3	Shim, 4" x 6"
23	GD9960	1	Wear Pad, Nylatron, 4" x 6" (As Required)
24	GD7518	1	Shim, 3/8"
	GD7519	3	Shim, 16 Gauge (.0598")
	G10014	4	Hex Head Cap Screw, 1/2"-13 x 1"
	G10228	4	Lock Washer, 1/2"
	G11389	4	Flat Washer, 1/2" Plated SAE
25	GA13768	1	Safety Pin, 12 3/4"
26	G10016	8	Hex Head Cap Screw, 1/2"-13 x 2"
	G10071	8	Serrated Flange Nut, 1/2"-13
27	GD7251	1	Pin, 1 1/4" x 14"
	G10610	2	Spring Pin, 3/8" x 2"
28	GA4842	1	Roller W/Bushings
29	GD6556	2	Bronze Bushing
30	GA11528	1	Bracket
31	GD16642	2	U-Bolt, 3" x 4" x 1/2"-13
	G10071	4	Serrated Flange Nut, 1/2”-13
32	G11044501	-	Jack Assembly Complete (Square Tube Style)
	G11044201	-	Side Wide Handle, 8.5" (Included W/G11044501)
	G11043301	-	Gear Set (Included W/G11044501)
	G11044001	-	5/8" Pin Kit W/Chain (Included W/G11044501)
	G11044401	-	Bearing (Included W/G11044501)
A	GA14943	-	Wear Pad Retainer Assembly, (Items 20-23)
B	GA4842	-	Roller Assembly, (Items 28 and 29)

(A25107)



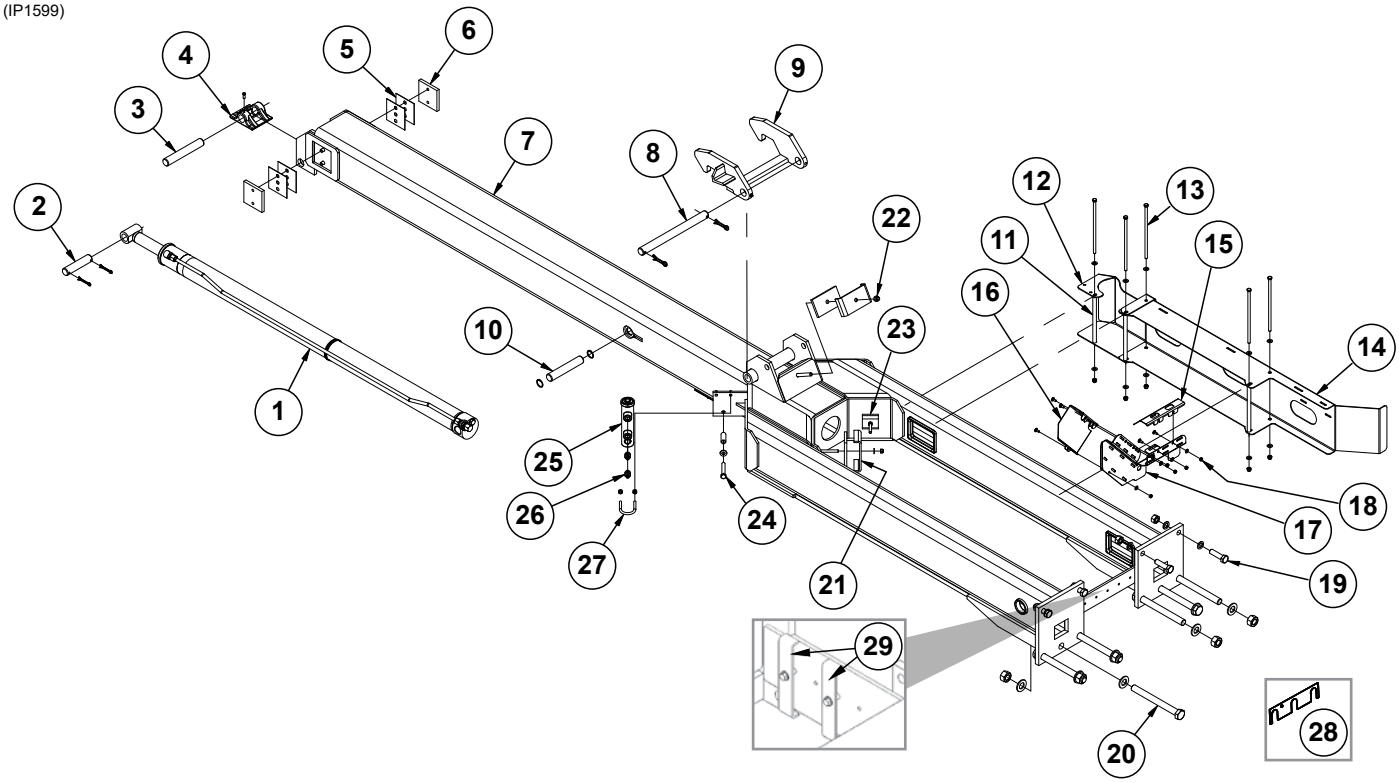
ITEM	PART NO.	QTY.	DESCRIPTION
1	G3324-01	1	Safety Chain, 13MM Grade 70, 97½"
2	GD35339	1	Looped Tether W/Tabs and Cotter Pin
3	G10671	1	Hairpin Cotter, 3⁄16" x 3¼"
4	G11874	1	Hex Socket Head Cap Screw, ¼"-20 x ½"
5	GD35127	1	Single Chain Latch
6	GD35340	1	Chain Latch Pin
7	G10007	1	Hex Head Cap Screw, ⅝"-11 x 1½"
8	G11391	2	Flat Washer, ⅝" SAE
9	G10107	1	Lock Nut, ⅝"-11
10	G10108	1	Lock Nut, ⅜"-16
11	GD8893-07	1	Sleeve, 1" Long
12	G10047	1	Hex Head Cap Screw, ⅜"-16 x 1¾"
13	G10210	2	Washer, ⅜" USS
14	G11290	1	Hex Head Cap Screw, 1¼"-7 x 5"
	G10157	1	Lock Nut, 1¼"-7
	G11396	7	Flat Washer, 1¼" SAE
A	G9978X	-	⅜" Transport Safety Chain Package (Items 1-13)

(IP1012)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA13665	1	Hitch Pivot
2	GA13783	1	Pivot Mount
3	G10169	2	Hex Head Cap Screw, 1 ¼"-7 x 6"
	G10157	2	Lock Nut, 1¼"-7
4	GA12163	1	Pin, 13⅜"
	GD15725	1	Washer, 4" O.D. x 2¼" I.D. x ¼"
5	GD17245	1	Washer, 4" O.D. x 1 1/32" I.D. x ⅜"
	G11223	1	Hex Head Cap Screw, 1"-8 x 2"
	G10118	1	Lock Washer, 1"
6	GD15100	1	Pivot Lock
	G11391	1	Flat Washer, ⅝" SAE
	G10005	1	Hex Head Cap Screw, ⅞"-11 x 1¾"
7	GD16226	1	Sleeve, 3" O.D. x 1 25/32" x 29/32" Thick
	GD16303	2	Washer, 3" O.D. x 1 25/32" x ¼" Thick
8	GA13673	1	Pivot Pin
9	GA11079	2	Hammer Strap, Category 3 And 3N
	G10007	2	Hex Head Cap Screw, ⅝"-11 x 1½"
	G10230	2	Lock Washer, ⅝"
10	GA12164	1	Hitch Bar
11	GD19468	1	Tapped Bar
12	G10034	2	Hex Head Cap Screw, ⅜"-16 x ½"

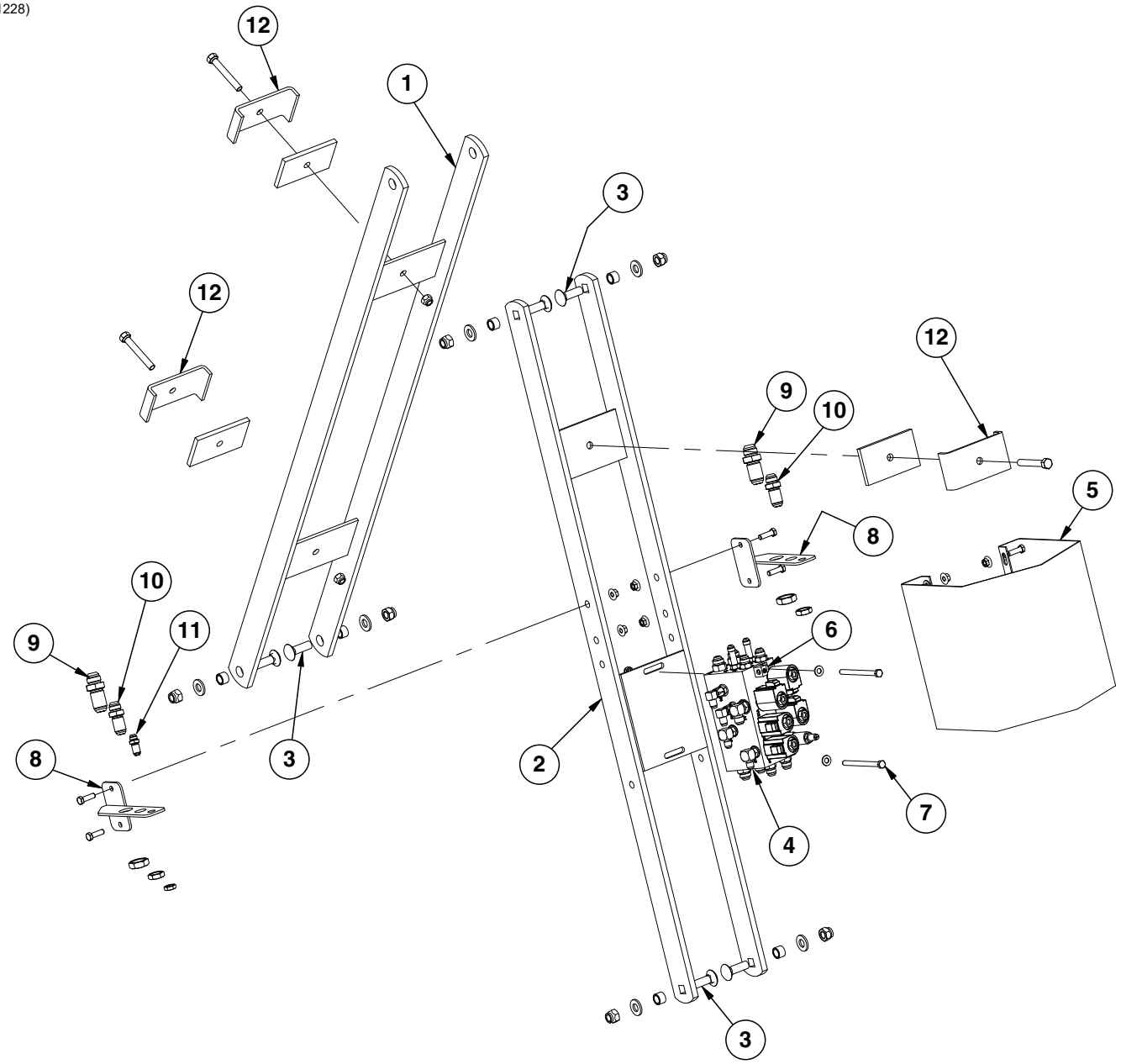
(IP1599)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA13938 GA13954	1 -	See “Tongue Cylinder” on page P183 (12 Row) See “Tongue Cylinder” on page P183 (16 Row)
2	GD0826 G10460	1 4	Pin, 1¼" x 5½" Cotter Pin, ¼" x 2"
3	GD3537-11 GD3537-12	1	Shaft, 1¼" x 7", 12 Row 30" Shaft, 1¼" x 8", 16 Row 30"
4	GB0246 G10131	1 1	Hitch Shoe Square Head Set Screw, 5⁄16"-18 x ¾"
5	GD5154	4	Shim, 4" x 4"
6	GD9959 G10014 G10017 G11389	2 4 4 4	Wear Pad, Nylatron, 4" x 4" Hex Head Cap Screw, ½"-13 x 1", 12 Row 30" Hex Head Cap Screw, ½"-13 x 1½", 16 Row 30" Flat Washer, ½" SAE
7	A14309 A14307 A17087	1 - -	Inner Hitch, 175⅜", 12 Row 30" (Shown) **(Non-Stock Item)** Inner Hitch, 205⅜", 16 Row 30" **(Non-Stock Item)** Inner Hitch, 205⅜", 16 Row 7.5" Twin Row **(Non-Stock Item)**
8	GD5804 GD7883 G10468	1 1 2	Pin, 1¼" x 12", 12 Row Pin, 1¼" x 14½", 16 Row Cotter Pin, ⅜" x 2"
9	GA7424 G10641	1 -	Tongue Hook W/Grease Fittings Grease Fitting, ⅛" NPT Grease Fitting, ⅛" NPT (Included W/GA7424)
10	GD3537-20 G11230	1	Shaft, 1¼" x 7⅛" Retaining Ring
11	G10091301	3	Sleeve, 9⁄16" O.D. x .433 I.D. x 8.688"
12	G10091001	1	Debris Sheild
13	G10595 G11387 G10108	4 10 4	Hex Head Cap Screw, ⅜"-16 x 10", Grade 5 Flat Washer, ⅜" SAE Lock Nut, ⅜"-16
14	G10090901	1	Harness Channel

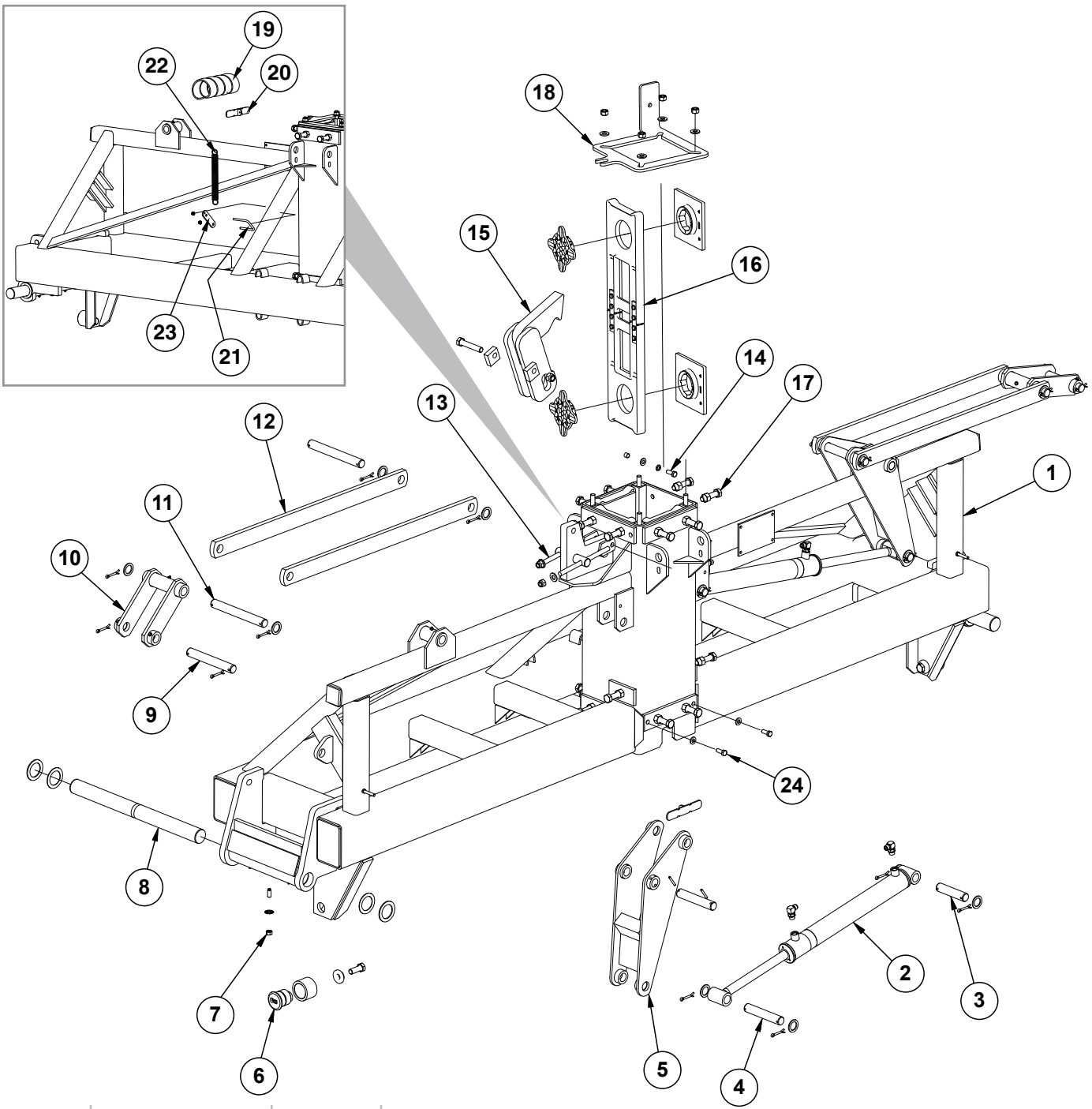
ITEM	PART NO.	QTY.	DESCRIPTION
15	G10091201	1	Center Cover
16	G10090801	1	Diagonal Harness Cover
17	G10091101	1	Center Frame Electric Plate
18	G10103	5	Hex Nut, ¼"-20
	G11385	5	Flat Washer, ¼" SAE
	G10309	5	Carriage Bolt, ¼"-20 x ⅝", Grade 5
19	G10124501	4	Hex Head Cap Screw, ¾"-10 x 2¾", Grade 8
	GD2169	8	Special Washer, 25⁄32" I.D. x 1¼" O.D., Hardened
	G10436	4	Hex Nut, ¾"-10
20	G10808	6	Hex Head Cap Screw, 1"-8 x 10", Grade 8
	G11394	12	Flat Washer, 1" SAE
	G10647	6	Hex Nut, 1"-8, Grade 8
21	GD8188	1	Hose Clamp, ⅞" x 3" x 5⅜"
	GD8189	1	Rubber Strip, ⅜"
	G11387	1	Flat Washer, ⅜" SAE
	G10108	2	Lock Nut, ⅜"-16
22	G10111	1	Lock Nut, ½"-13
	GD8188	1	Hose Clamp, ⅞" x 3" x 5⅜"
	GD8189	1	Rubber Strip, ⅜"
23	GD5875	1	Hose Clamp, 9⁄16" x 2½" x 2"
24	G10585	1	Hex Head Cap Screw, ½"-13 x 3¼"
	G11389	1	Flat Washer, ½" Plated SAE
	GD10538-01	1	Sleeve
	G11091	2	Serrated Flange Nut, ⅜"-16
	G10071	1	Serrated Flange Nut, ½"-13
25	GA9205	1	See “Tongue Lock Cylinder” on page P181
26	6400-06-08	2	Connector W/O-Ring, 9⁄16"-18 Male JIC To ¾"-16 O-Ring
	GR1037	-	O-Ring
27	GD10530	1	U-Bolt, 2⅛" x 1⅞" x ⅜"-16
	G10101	2	Hex Nut, ⅜"-16
28	GD13544	2	Shim, 2½" x 10", 10 Gauge (.1345")
29	G11015101	2	Hose Clamp
	GD11963-07	2	Sleeve, ½" O.D. x .384" I.D. x 1"
	G11387	2	Flat Washer, ⅜" SAE
	G10047	2	Hex Head Cap Screw, ⅜"-16 x 1¾"

(IP1228)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14322	-	Front Hose Take-Up, 41", 12 Row 30"
	GA14515	1	Front Hose Take-Up, 56", 16 Row 30" (Shown)
2	GA14323	-	Rear Hose Take-Up, 41", 12 Row 30"
	GA14514	1	Rear Hose Take-Up, 56", 16 Row 30" (Shown)
3	G10689	6	Carriage Bolt, 5/8"-11 x 2"
	GB0218	6	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
	G11391	6	Flat Washer, 5/8" SAE
	G10107	6	Lock Nut, 5/8"-11
4	---	1	See “Valve Block - Located on Hitch” on page P191
5	GD9952	1	Cover
	G10004	8	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G11091	8	Serrated Flange Nut, 3/8"-16
6	GA3584	1	Ground Clamp
7	G10172	2	Hex Head Cap Screw, 3/8"-16 x 5"
	G11387	6	Flat Washer, 3/8" SAE
	G10108	2	Lock Nut, 3/8"-16
8	GA14519	2	Hose Take-Up Bulk Head
	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G11091	4	Serrated Flange Nut, 3/8"-16
9	G2700-12	2	Bulkhead Tube Union, 1 1/16"-12 Male JIC
	G306-12	2	Lock Nut, 1 1/16"-12
10	G2700-10	2	Bulkhead Tube Union, 7/8"-14 Male JIC
	G306-10	2	Lock Nut, 7/8"-14
11	G2700-06-06	2	Bulkhead Tube Union, 9/16"-18 Male JIC
	G306-06	1	Lock Nut, 9/16"-18
12	GD8188	3	Hose Clamp, 7/8" x 3" x 5 3/8"
	GD8189	3	Rubber Pad
	G11170	3	Hex Head Tap Bolt, 1/2"-13 x 3 1/2"
	G10111	3	Lock Nut, 1/2"-13

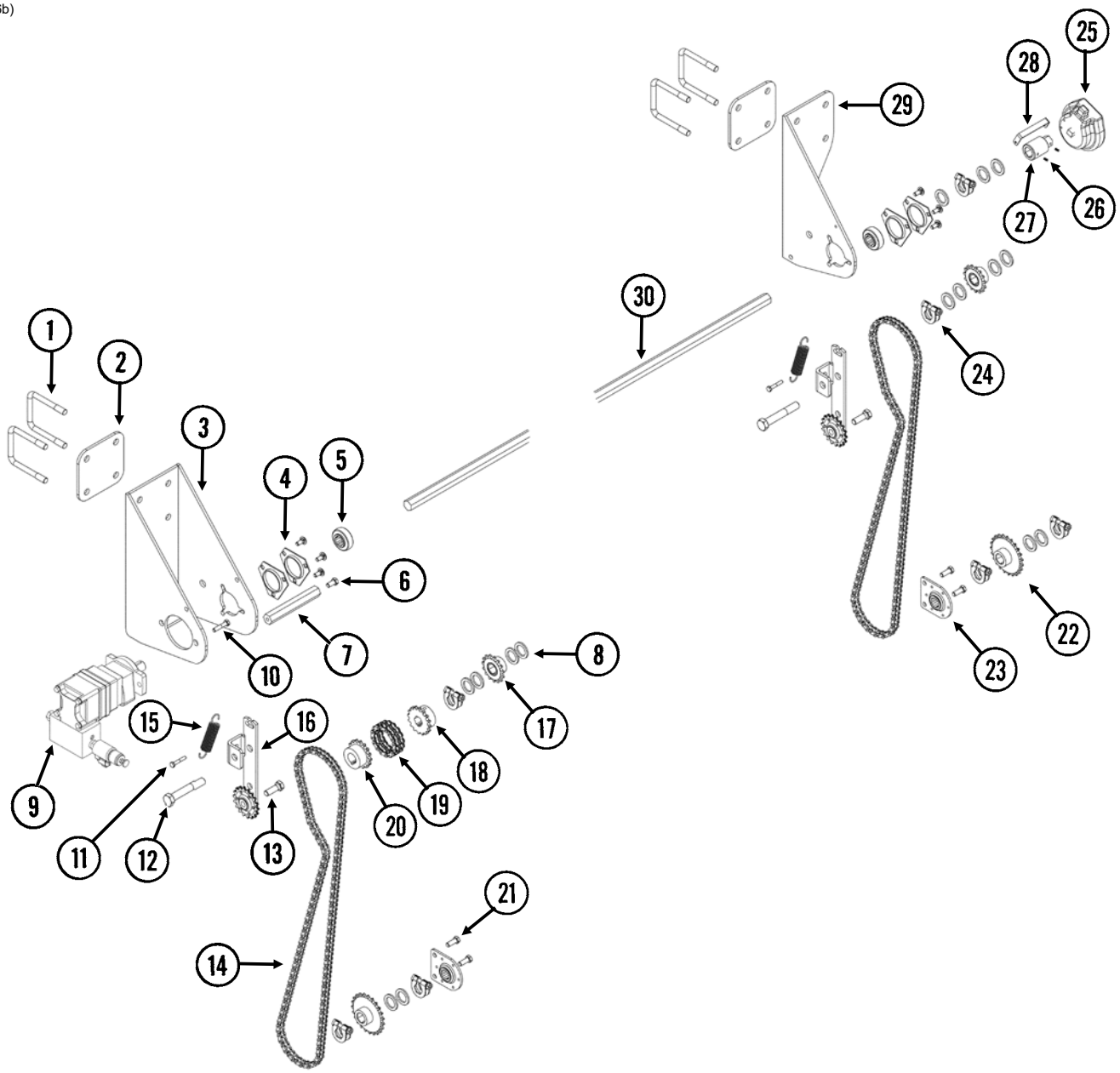
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14939	1	Center Frame W/Cam Follower Mounts **(Non-Stock Item)**
	GA6929	-	Cam Follower Mount, L.H. (Included W/GA14939)
	GA6928	-	Cam Follower Mount, R.H. (Included W/GA14939)
2	GA21115	2	See “Wing Lock Cylinder” on page P180
	G6801-08	4	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
3	GD0826	2	Pin, 1¼" x 5½"
	G10159	4	Washer, 1⅞"
	G10460	4	Cotter Pin, ¼" x 2"

ITEM	PART NO.	QTY.	DESCRIPTION
4	GD9955	2	Pin, 1¼" x 7"
	G10460	4	Cotter Pin, ¼" x 2"
	G10159	4	Washer, 1⅞"
5	GA7019	2	Toggle Link
	GD9955	2	Pin, 1¼" x 7"
	G10606	4	Spring Pin, ¼"x 2"
6	GA6497	2	Cam Follower W/Grease Fitting
	G10640	-	Grease Fitting, ¼"-28 (Included W/GA6497)
	GD10532	2	Sleeve
	GB0409	2	Spring Washer
	G10026	2	Hex Head Cap Screw, ¾"-10 x 2"
7	G10102	2	Hex Nut, ½"-13
	G10527	2	Lock Washer, ½" Internal/External
	G10828	2	Hex Socket Set Screw, ½"-13 x 1¼"
8	GD10531	2	Hinge Pin, 2⅛" x 25¾"
	G10336	4	Machine Bushing, 2⅛", 14 Gauge (As Required)
	G10234	4	Machine Bushing, 2⅛", 10 Gauge (As Required)
9	GD9963	2	Pin, 1¼" x 9"
	G10460	4	Cotter Pin, ¼" x 2"
10	GA7018	2	Link
11	GD9964	2	Pin, 1¼" x 10½"
	G10460	4	Cotter Pin, ¼" x 2"
	G10159	4	Washer, 1⅞"
12	GD9956	4	Wing Link Bar, 39⅞"
	GD9964	2	Pin, 1¼" x 10½"
	G10460	4	Cotter Pin, ¼" x 2"
	G10159	4	Washer, 1⅞"
13	GA6943	2	Spring Rod
	GD9870	1	Pin, 1¼" x 6"
	GD9898	1	Pin, 1¼" x 2¹⁵⁄₁₆"
	GD10006	2	Spring
	G11391	2	Flat Washer, ⅝" SAE
	G10107	2	Lock Nut, ⅝"-11
14	G10037	2	Hex Head Cap Screw, ½"-13 x 1¼"
	G10228	2	Lock Washer, ½"
	G11389	2	Flat Washer, ½" SAE
	GD7904-02	2	Sleeve, ½" x ½" Long
15	GA7390	1	Safety Hook
	GD10492	2	Adjustment Block
	G10044	1	Hex Head Cap Screw, ¾"-10 x 4"
	G10112	1	Lock Nut, ¾"-10
16	GA7579	4	Pad Holder W/Bars
	GB0867	4	Wear Pad
	G10851101	4	Retainer Wear Pad
17	G10543	16	Hex Head Cap Screw, ¾"-10 x 3", Full Thread
	G10105	-	Hex Nut, ¾"-10
18	GD9968	1	Cap
	G11391	4	Flat Washer, ⅝" SAE
	G10104	4	Hex Nut, ⅝"-11
19	GD19383-02	1	Hose Wrap, 40"
20	GA13934	1	Hose Anchor
21	GD19212	1	U-Bolt, 2½" x ⅜"-16
	G11091	2	Serrated Flange Nut, ⅜"-16
22	GD0829	1	Spring
23	GD20696	1	Hose Anchor
24	G10716	4	Hex Head Cap Screw, ¾"-10 x 1"
	G11392	4	Flat Washer, ¾" SAE

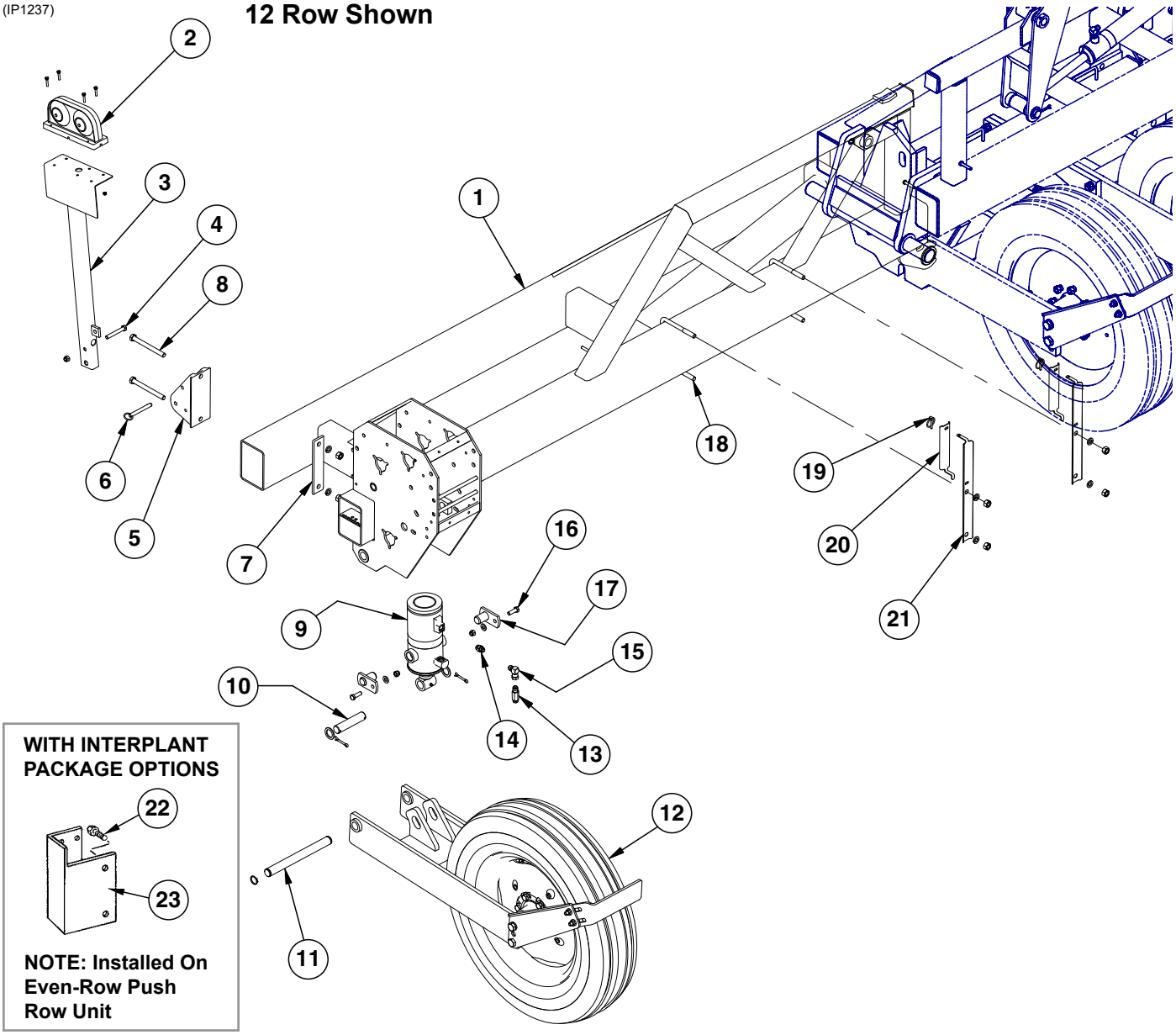
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GD4743	4	U-Bolt, 3" x 3" x ½"-13
	G10228	8	Lock Washer, ½"
	G10102	8	Hex Nut, ½"-13
2	GD18114	2	Spacer Plate
3	GA12569	1	Motor Bracket
4	G3400-01	4	Flangette
5	G2100-03	2	Bearing, ⅞" Hex Bore, Spherical
6	G10002	2	Hex Head Cap Screw, ⅜"-16 x ¾"
7	GD18326	1	Hex Spacer
8	G10233	15	Machine Bushing, 1", 10 Gauge
9	---	-	See “Hydraulic Motor Assembly” on page P195
10	G10133	2	Hex Head Cap Screw, 5⁄16"-18 x 1½"
	G10232	2	Lock Washer, 5⁄16"
	G10106	2	Hex Nut, 5⁄16"-18
11	G10021	2	Hex Head Cap Screw, ¼"-20 x 1½"
	G10110	2	Lock Nut, ¼"-20, Grade B
12	G10036	2	Hex Head Cap Screw, ⅝"-11 x 4"
	G10103	2	Hex Nut, ¼"-20
13	G10017	2	Hex Head Cap Screw, ½"-13 x 1½"
	G10102	2	Hex Nut, ½"-13
14	G3310-84	2	Chain, No. 40, 84 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
15	GD5857	2	Spring
16	GA9553	2	Idler W/Sprocket And Hardware
	GA7154	2	Sprocket W/Bearing, 19 Tooth (Included W/GA9553)
	G10017	2	Hex Head Cap Screw, ½"-13 x 1½" (Included W/GA9553)
	G10128	2	Machine Bushing, ½", 14 Gauge (Included W/GA9553)
	G10501	2	Hex Jam Nut, ½"-13, Grade 2 (Included W/GA9553)
	GD13422	2	Idler Arm (Included W/GA9553)
17	GA5105	2	Sprocket, 15 Tooth
18	GD16490	2	Coupler, 1" I.D.
19	G3317-16	1	Chain, Double No. 40, 16 Pitches
	GR1790	-	Connector Link, Double No. 40
20	GD16489	1	Coupler, ⅞" Hex
21	G10001	4	Hex Head Cap Screw, ⅜"-16 x 1"
	G10101	4	Hex Nut, ⅜"-16
22	GA5108	2	Sprocket, 23 Tooth (Mechanical)
	GA5114	2	Sprocket, 30 Tooth (Vacuum)
23	GA2180	2	Hanger Bearing, ⅞" Hex Bore
24	GA11331	-	Hex Lock Clamp Assembly
25	GA12565	1	Encoder Module
26	G11242	2	Hex Socket Set Screw, ¼"-20 x ⅜"
27	GA12661	1	Hex Adapter Encoder
28	GD18115	1	Encoder Bracket
29	GD18014	1	Carrier Bracket
30	GD0914-54.75	1	Hex Shaft, ⅞" x 54¾" (No Holes)

(IP1237)

12 Row Shown

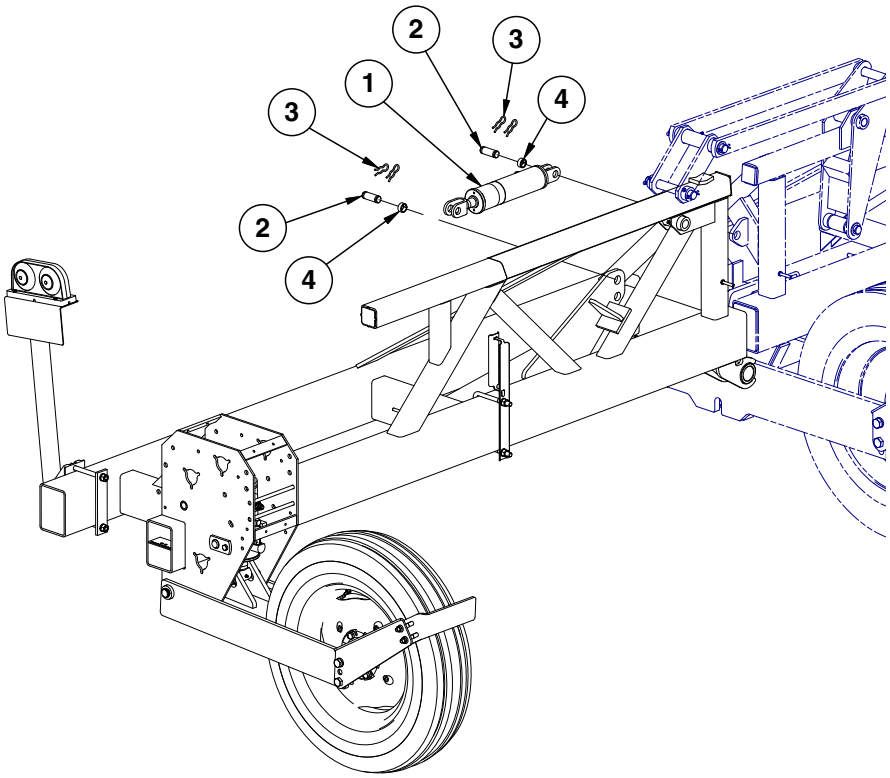


WITH INTERPLANT PACKAGE OPTIONS

NOTE: Installed On Even-Row Push Row Unit

ITEM	PART NO.	QTY.	DESCRIPTION
1	A14935	1	Wing, L.H., 119¼", 12 Row 30" **(Non-Stock Item)**
	A14936	-	Wing, R.H., 119¼", 12 Row 30" **(Non-Stock Item)**
	A14938	-	Wing, R.H., 179¼", 16 Row 30" (Two Wheel Towers Per Wing) **(Non-Stock Item)**
	A14937	-	Wing, L.H., 179¼", 16 Row 30" (Two Wheel Towers Per Wing) **(Non-Stock Item)**
2	---	-	See “Electrical Components” on page P209
	G10064	4	Hex Head Cap Screw, ¼"-20 x 1"
	G10110	4	Lock Nut, ¼"-20, Grade B
3	GA9840	1	Light Bracket
4	G10033	1	Hex Head Cap Screw, ½"-13 x 3½"
	G10111	3	Lock Nut, ½"-13
5	GB0309	1	Light Mount Bracket
6	G10874	1	Detent Pin, ½" x 3½" Grip
7	GD18628	1	Mounting Bracket
8	G10439	2	Hex Head Cap Screw, ⅝"-11 x 7"
	G10230	2	Lock Washer, ⅝"
	G10104	2	Hex Nut, ⅝"-11
9	---	-	See “Wing Lift Cylinder, 12 Row” on page P175
	---	-	See “Wing Lift Cylinder, 16 Row” on page P176
10	GD5841	1	Pin, 1¼" x 5⅝"
	G10159	2	Machine Bushing, 1¼", 10 Gauge
	G10460	2	Cotter Pin, ¼" x 2
11	---	-	See “Ground Drive Wheel” on page P133
12	---	-	See “Ground Drive Wheel” on page P133
13	G6400-L-08	1	Long Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
14	6400-08	1	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
15	G6500-08	1	Swivel Elbow, 90°, ¾"-16 Male JIC To Female
16	G10017	2	Hex Head Cap Screw, ½"-13 x 1½"
	G11389	2	Flat Washer, ½" SAE
	G10111	2	Lock Nut, ½"-13
17	GA14359	2	Cylinder Pin
18	GD1113	2	U-Bolt, 5" x 7" x ⅝"-11
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
19	GD2558	2	Lynch Pin, ¼"
20	GD20595	2	Short Hose Holder Mount
21	GD20593	2	Long Hose Holder Mount
22	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
	G10229	2	Lock Washer, ⅜"
	G10101	2	Hex Nut, ⅜"-16
23	GD34922	1	Push Row Unit Light Bracket
A	G7698X	-	Push Row Unit Mounted Light Bracket Package (Items 22 And 23 On This Page And 42" Harness Extension, Item 5 On page P220)

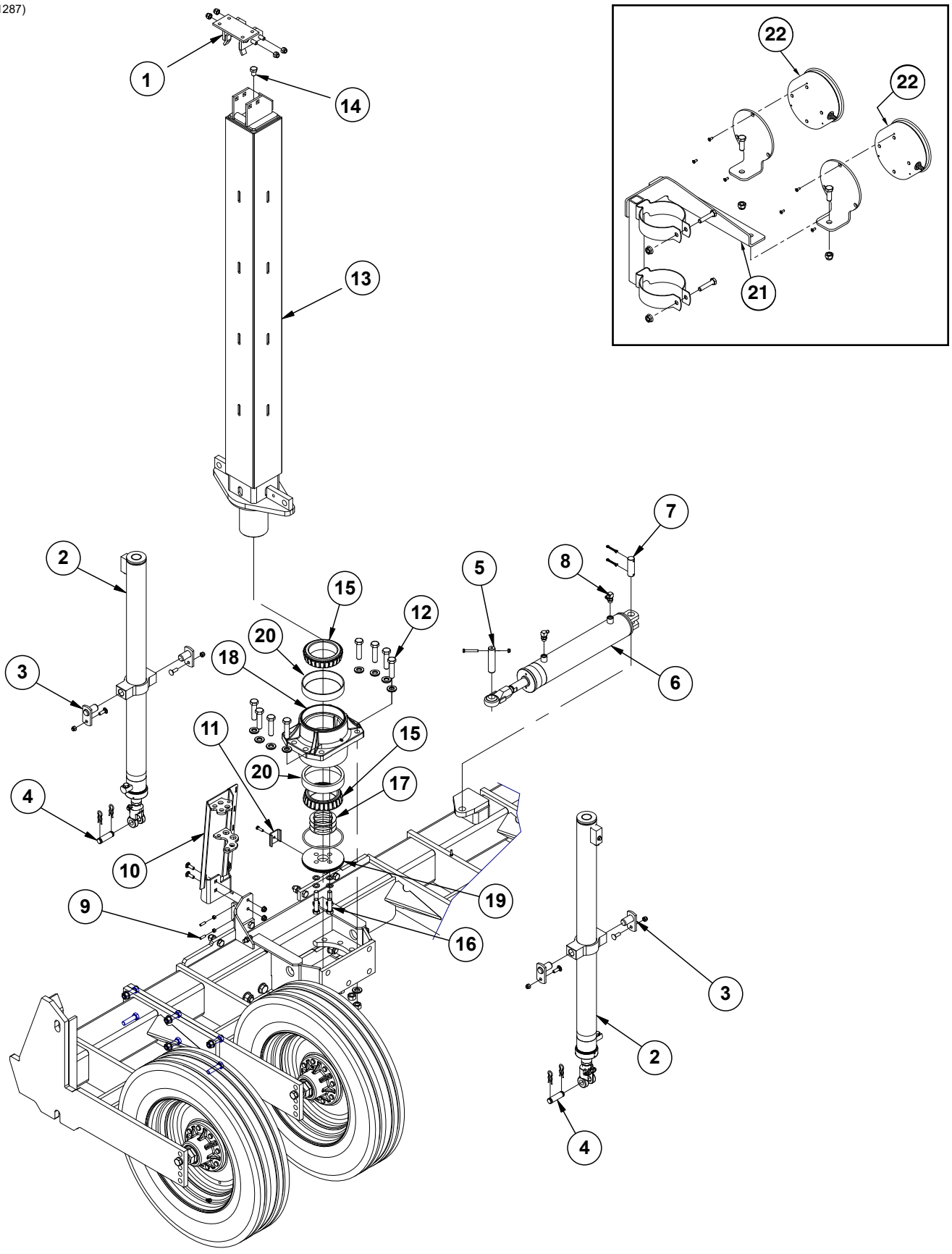
(IP1318)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14481	2	See “Wing Down Pressure Cylinder” on page P182
2	GR0367	6	Pin, 1" x 2⅞"
3	GR0193	12	Hair Pin Clip
4	GD18663	6	Tension Bushing, 1" I.D.

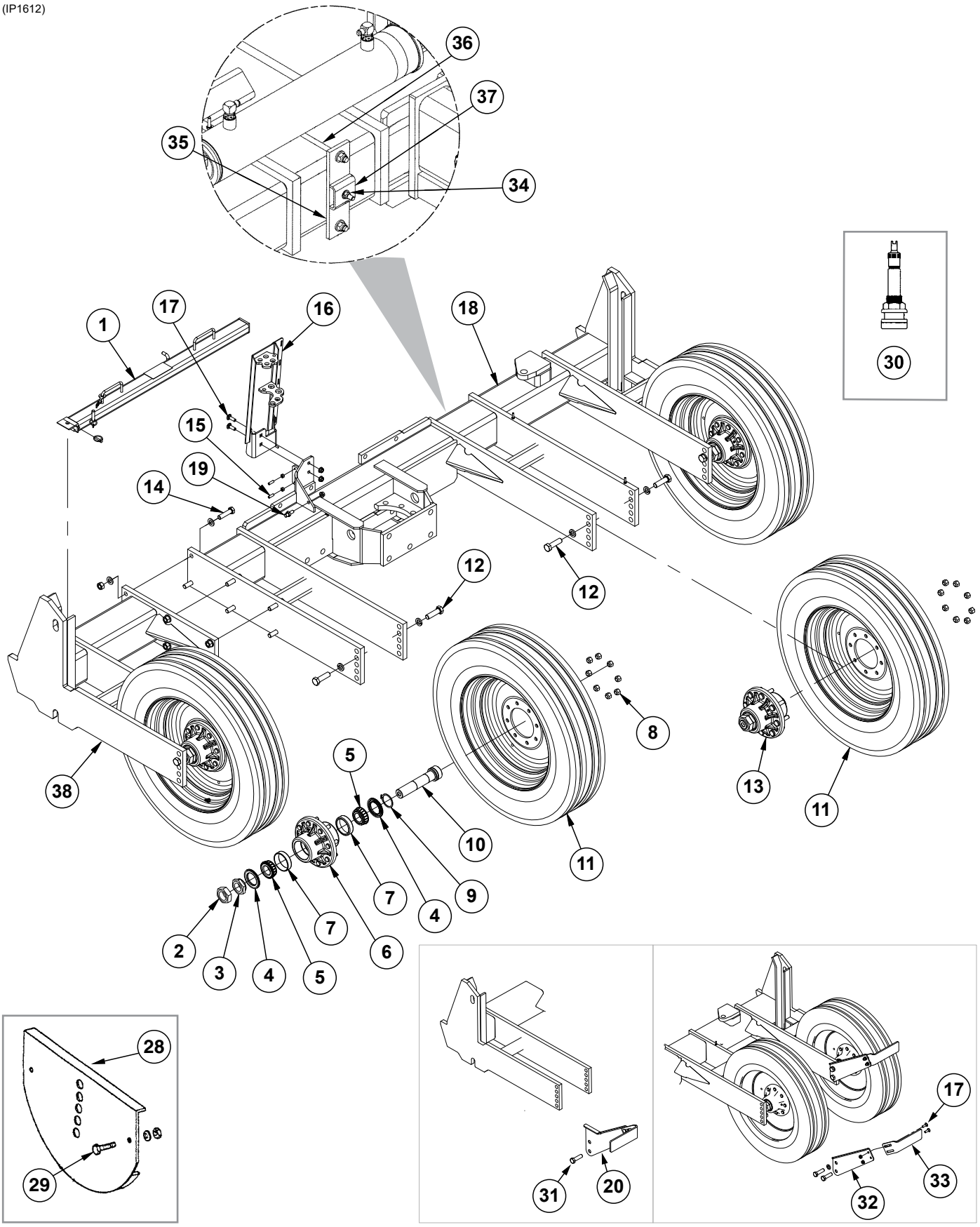
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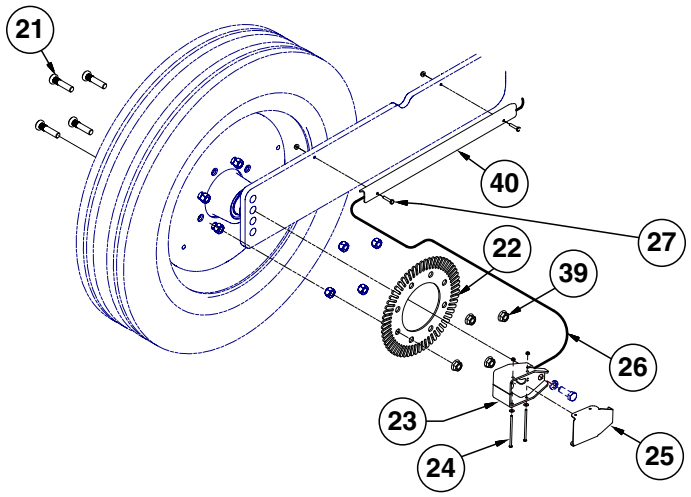
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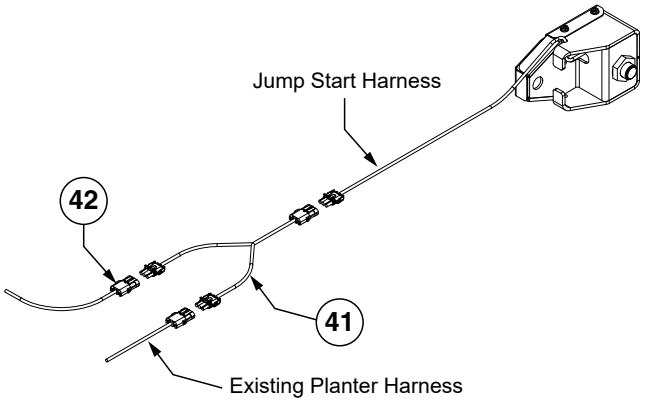


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10068	4	Hex Head Cap Screw, ⅝"-11 x 6"
	G10107	6	Lock Nut, ⅝"-11
	GD10446	1	Inner Sleeve, 3 13⁄16"
	GD10447	1	Outer Sleeve, 3⅝"
	GA6964	1	Hook Strap
2	GA21813	2	See “Center Lift Cylinder” on page P177 (12 Row)
	GA21627	-	See “Center Lift Cylinder” on page P177 (16 Row)
3	GA5121	4	Pin, 2⅛"
	G10636	4	Carriage Bolt, ½"-13 x 1½"
	G10111	4	Lock Nut, ½"-13
4	GR0375	2	Pin, 1" x 3½"
	GR0193	4	Hair Pin Clip
5	GD10092	1	Pin, 1¼" x 5¼"
	G10049	1	Hex Head Cap Screw, ⅜"-16 x 2½"
	G10108	3	Lock Nut, ⅜"-16
6	GA8904	1	See “Rotation Cylinder” on page P174
	G6801-06-08	2	Elbow W/O-Ring, 90°, 9⁄16"-18 Male JIC To ¾"-16 O-Ring
	GR1037	1	O-Ring
7	GD10064	1	Pin, 1¼" x 5¼"
	G10460	4	Cotter Pin, ¼" x 2"
8	G6801-06-08	2	Elbow W/O-Ring, 90°, 9⁄16"-18 Male JIC To ¾"-16 O-Ring
	GR1037	-	O-Ring
9	G10806	2	Hex Set Screw, ⅜"-16 x 1¼"
	G10101	2	Hex Nut, ⅜"-16
10	G10091901	1	Bulkhead Mount
	G10636	2	Carriage Bolt, ½"-13 x 1½"
	G10071	11	Serrated Flange Nut, ½"-13
11	GD5875	1	Hose Clamp, 9⁄16" x 2½" x 2"
	G10004	1	Hex Head Cap Screw, ⅜"-16 x 1¼"
12	G11131901	8	Hex Head Cap Screw, ⅞"-9 x 4", Grade 8
	GD10063	16	Hardened Washer, ⅞"
	G11053	8	Hex Nut, ⅞"-9, Grade 8
13	GA7540	1	Center Post
14	G10716	1	Hex Head Cap Screw, ¾"-10 x 1"
15	GA7096	2	Cone
16	G10027	4	Hex Head Cap Screw, ¾"-10 x 2½"
	GD2169	4	Special Washer, 25⁄32" I.D. x 1¼" O.D., Hardened
17	GD10013	1	Shim, .020" Thick (As Required)
	GD10014	1	Shim, .007" Thick (As Required)
	GD10012	1	Shim, .005" Thick (As Required)
18	GA20687	1	Bearing Housing W/Cups, Less Grease Fitting (Includes Item No. 20)
	G10779	-	Grease Fitting, 90°, ¼"-28
19	GD9636	1	Bearing Cap
	GD9130	1	O-Ring
20	GD10011	2	Cup
21	GA14600	1	Pressure Gauge Mount
	G10060	2	Hex Head Cap Screw, 5⁄16"-18 x 2½"
	G10620	2	Serrated Flange Nut, 5⁄16"-18
22	---	-	See “Vacuum System” on page P65 See “Bulk Fill Fan System” on page P81

(IP1612)


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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA7098	1	Manual Safety Lockup W/Detent Pin
	GA7022	1	Detent Pin W/Chain
	GD2558	1	Lynch Pin, ¼"
2	GD7864	1	Special Hex Nut, 1¾"-12 UNF
3	GD7089	1	Special Nut, 1¾"-12 UNF
4	GA4722	2	Seal
5	GA4723	2	Bearing
6	G10721201	4	Hub W/Cups, Bolts, Nuts And Grease Fitting, 8 Bolt, 1¾" Bore
	GR0528	8	Stud, ⅝"-18 x 2¼", Grade 8 (Included W/G10721201)
	G10640	1	Grease Fitting, ¼"-28 (Included W/G10721201)
7	GD7079	2	Cup (Included W/GA4729 or GA27032)
8	G10825001	8	Lug Nut, ⅝"-18, Grade 8 (Included W/G10721201 or GA27032)
9	G10913	1	External Retaining Ring, 2½"
10	GD11245	1	Spindle Shaft
11	GD13409	-	Tire, 255-70R 22.5" W/O Center Rib, Tubeless (Specify Brand*)
	GA14516	-	Rim, 5.5" x 22.5", All Sizes
12	G10441	8	Hex Head Cap Screw, ⅞"-9 x 3", Grade 8
	G10330	8	Lock Washer, ⅞"
13	GA14521	1	Hub W/Cups (Includes Items 8 and 21)
	G10640		Grease Fitting, ¼"-28 (Included W/GA14521)
14	G10028	6	Hex Head Cap Screw, ¾"-10 x 3"
	G11392	12	Flat Washer, ¾" SAE
	G10105	6	Hex Nut, ¾"-10
15	G10806	2	Hex Set Screw, ⅜"-16 x 1¼"
	G10101	2	Hex Nut, ⅜"-16
16	G10091901	1	Bulkhead Mount
17	G10636	2	Carriage Bolt, ½"-13 x 1½"
	G10071	2	Serrated Flange Nut, ½"-13
18	GA14981	1	Axle, 12 Row and 16 Row
	GA17903	-	Axle, 16 Row Twin Row
19	GD19655	1	Pin
	G10071	1	Serrated Flange Nut, ½"-13
20	GA18105	2	L.H. Long Scraper Arm
	GD34179	1	L.H. Slotted Scraper
21	GD18676	4	Lug Bolt, ⅝"-18 x 2¾" (If Applicable)

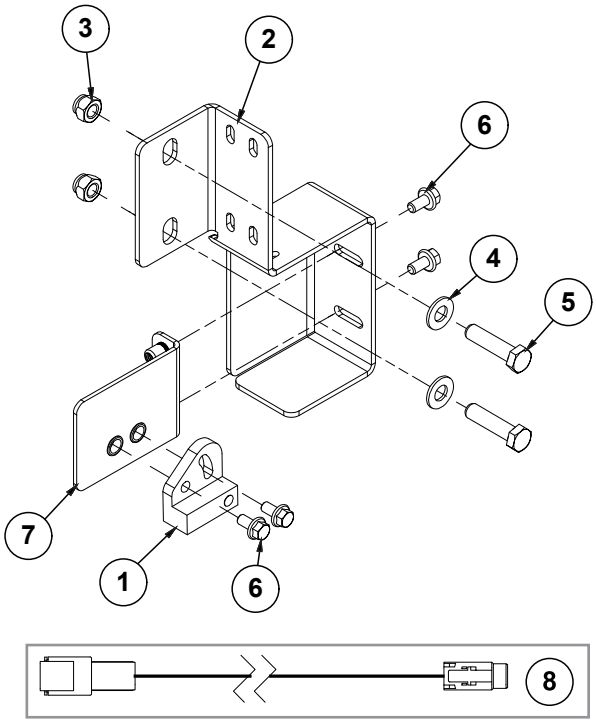
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ITEM	PART NO.	QTY.	DESCRIPTION
22	GD18643	1	Jump Start Wheel (If Applicable)
23	G10012301	1	Jump Start Bracket
24	G10621	2	Serrated Flange Nut, ¼"-20
	G10013101	2	Hex Head Cap Screw, ¼"-20 x 5½"
	G11385	2	Flat Washer, ¼" SAE
25	G10012201	1	Jump Start Sensor Cover
26	GA13204	1	Motion Sensor
27	G10857	2	Hex Head Cap Screw, ¼"-20 x 1¼"
	G10621	2	Serrated Flange Nut, ¼"-20
28	GA5716	-	Rock Guard (Optional)
29	G10448	-	Hex Head Cap Screw, ⅞"-9 x 2½", Grade 8
	G10330	-	Lock Washer, ⅞"
	G10955	-	Hex Nut, ⅞"-9
30	GA7434	-	Valve Stem
31	G10441	12	Hex Head Cap Screw, ⅞"-9 x 3", Grade 8
	G10330	12	Lock Washer, ⅞"
	G10955	4	Hex Nut, ⅞"-9
32	GD20457	2	R.H. Long Scraper Arm
33	GD34178	2	R.H. Slotted Scraper
34	G10108	1	Lock Nut, ⅜"-16 (Twin-Row Only)
	G11387	1	Flat Washer, ⅜" SAE (Twin-Row Only)
35	GA17413	1	Mounting Bracket (Twin-Row Only)
36	GD7145	1	U-Bolt, 7" x 7" x ½"-13 (Twin-Row Only)
	G10111	2	Lock Nut, ½"-13 (Twin-Row Only)
	G11389	2	Flat Washer, ½" Plated SAE (Twin-Row Only)
37	GD5875	1	Hose Clamp, 9⁄16" x 2½" x 2" (Twin-Row Only)
38	GA15453	1	Stub Axle
39	G11254	4	Serrated Flange Nut, 5/8”-18
40	GD18645	1	Cable Guard
41	GA25454	1	Wheel Speed Splitter Harness
42	GA25551	1	Wheel Speed Extension Harness
A	GA14517	-	Tire And Rim Assembly (Items 11 and 30) (Specify Brand*)
B	G10012101	-	Jump Start Bracket Assembly (Items 23 - 26) (If Applicable)
C	GA4727	-	Spindle W/Retaining Ring, 1¾" (Items 10 and 11)
D	GA4736	-	Hub/Spindle Assembly (Items 2-5 and 9-10)

***Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied.**

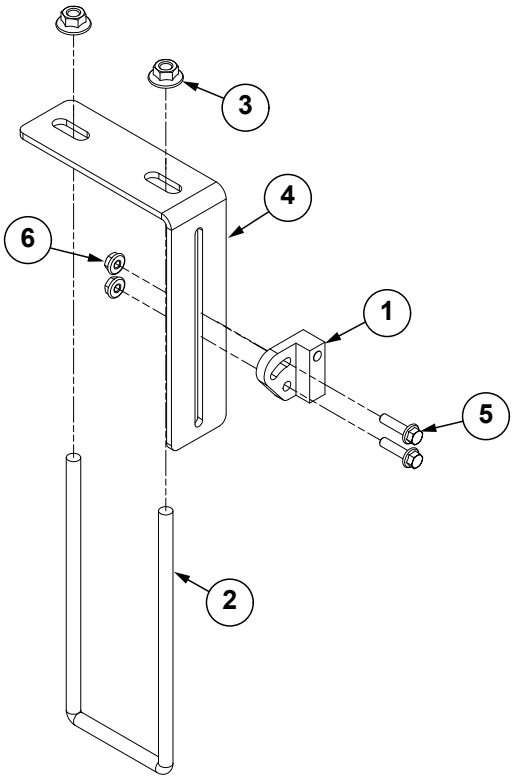
Implement Switch Assembly (2021 Production)

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18353	1	Position Switch Magnetic Reed
2	G10096201	1	Implement Switch Base Bracket
3	G11091	2	Serrated Flange Nut, ⅜"-16
4	G11387	2	Flat Washer, ⅜" SAE
5	G10003	2	Hex Head Cap Screw, ⅜"-16 x 1½"
6	G11409	4	Hex Serrated Flanged Cap Screw, ¼"-20 x 1"
7	G10107501	1	Implement Switch Bracket Assembly
8	G10203601	1	Implement Switch Extension Harness, 130"
A	G10096001	-	Implement Switch Assembly, Items 1-7

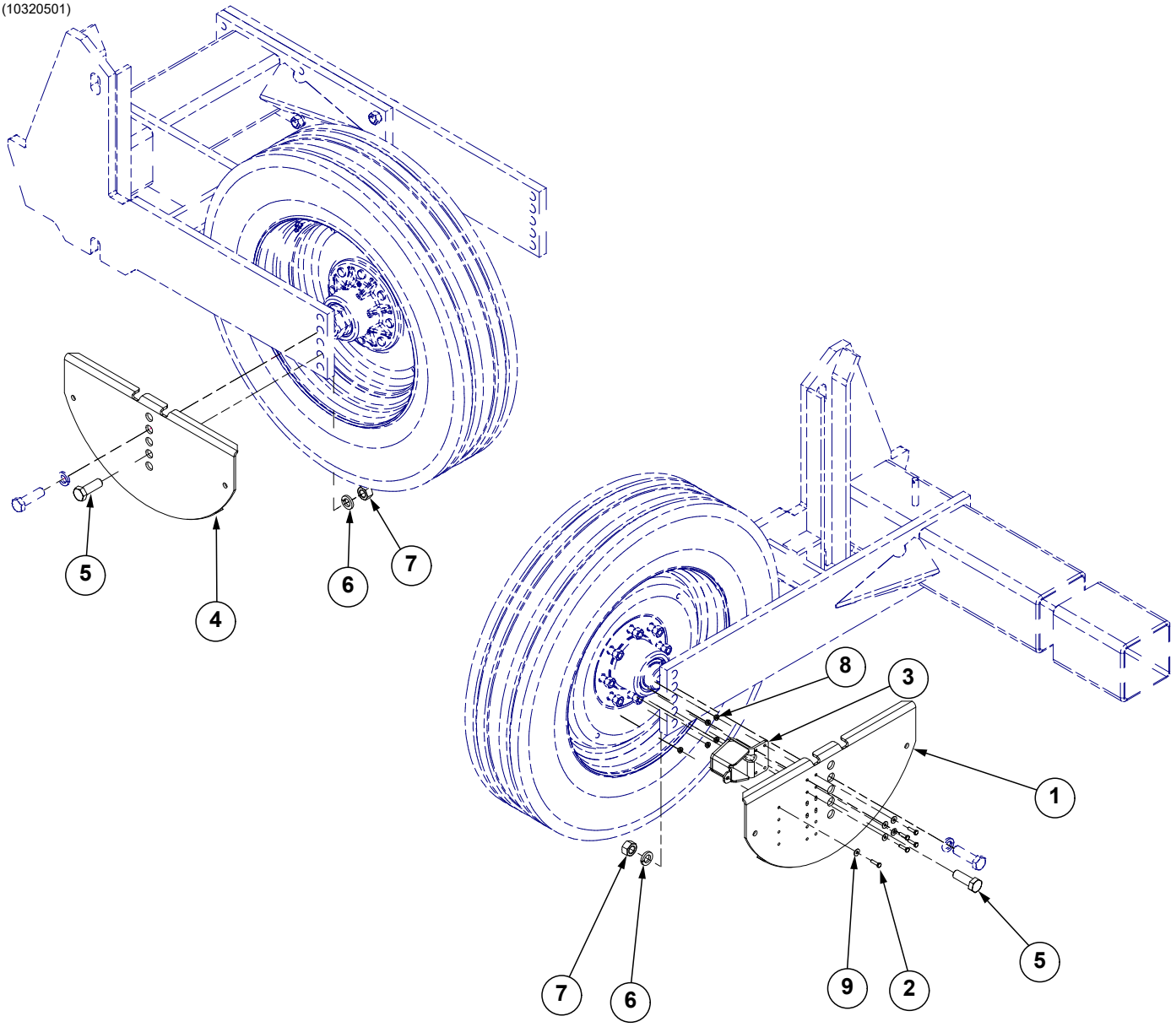


Implement Switch Assembly (2022 Production and On)

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18353	1	Position Switch Magnetic Reed
2	G10403501	1	U-Bolt, 3" x 8" x ⅜"-16
3	G11091	2	Serrated Flange Nut, ⅜"-16
4	G10403801	1	Switch Mount Bracket
5	G11409	2	Hex Serrated Flanged Cap Screw, ¼"-20 x 1"
6	G10621	2	Serrated Flange Nut, ¼"-20
A	G10404901	-	Implement Switch Assembly, Items 1-6



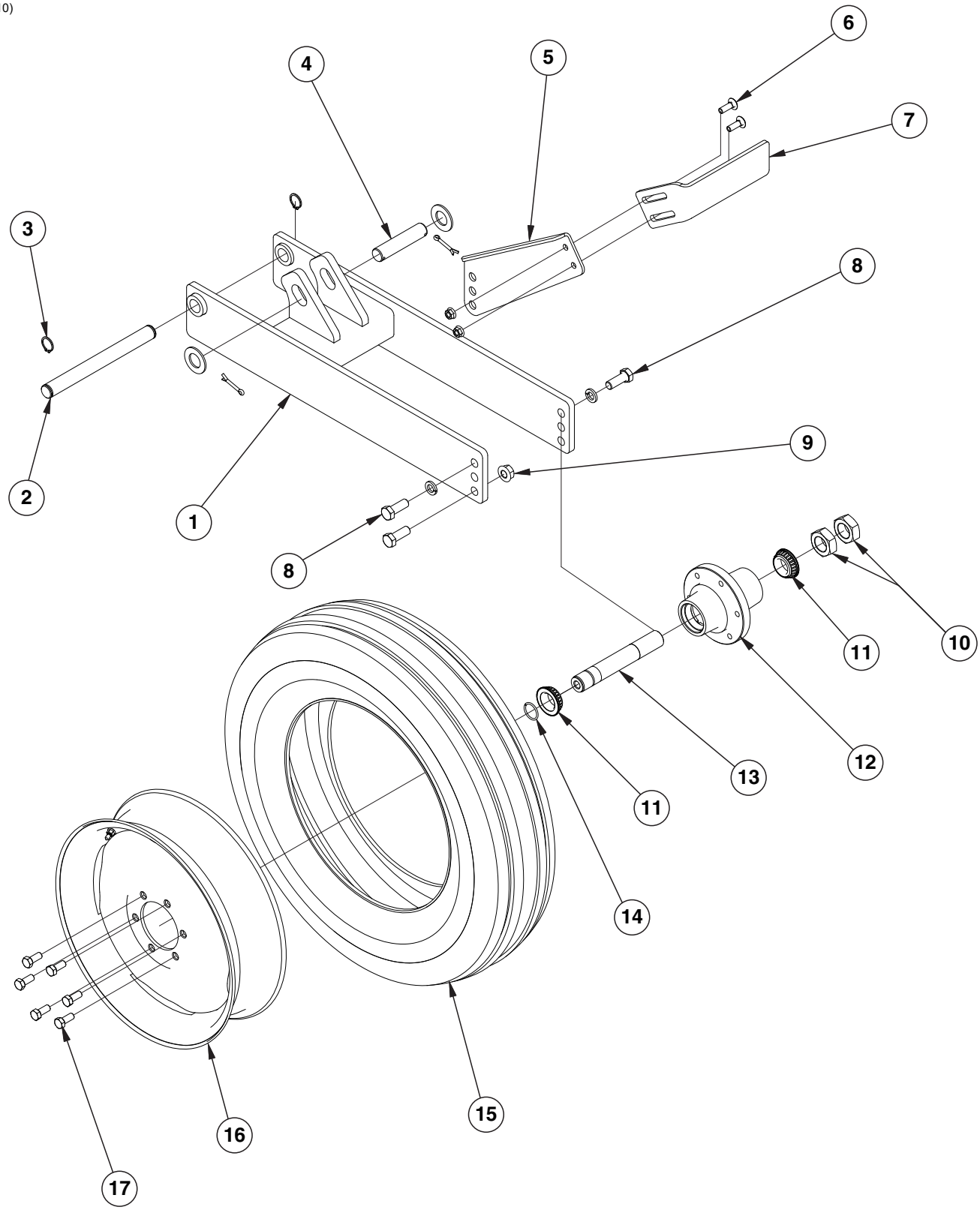
(10320501)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10318301	1	Rock Wheel Guard W/Jump Start
2	G10064	5	Hex Head Cap Screw, ¼"-20 x 1"
3	G10020501	1	Jump Start Bracket
4	GA5716	1	Rock Guard
5	G10448	2	Hex Head Cap Screw, ⅞"-9 x 2½", Grade 8
6	G10330	2	Lock Washer, ⅞"
7	G10955	2	Hex Nut, ⅞"-9
8	G10621	5	Serrated Flange Nut, ¼"-20
9	G10209	5	Washer, ¼" USS

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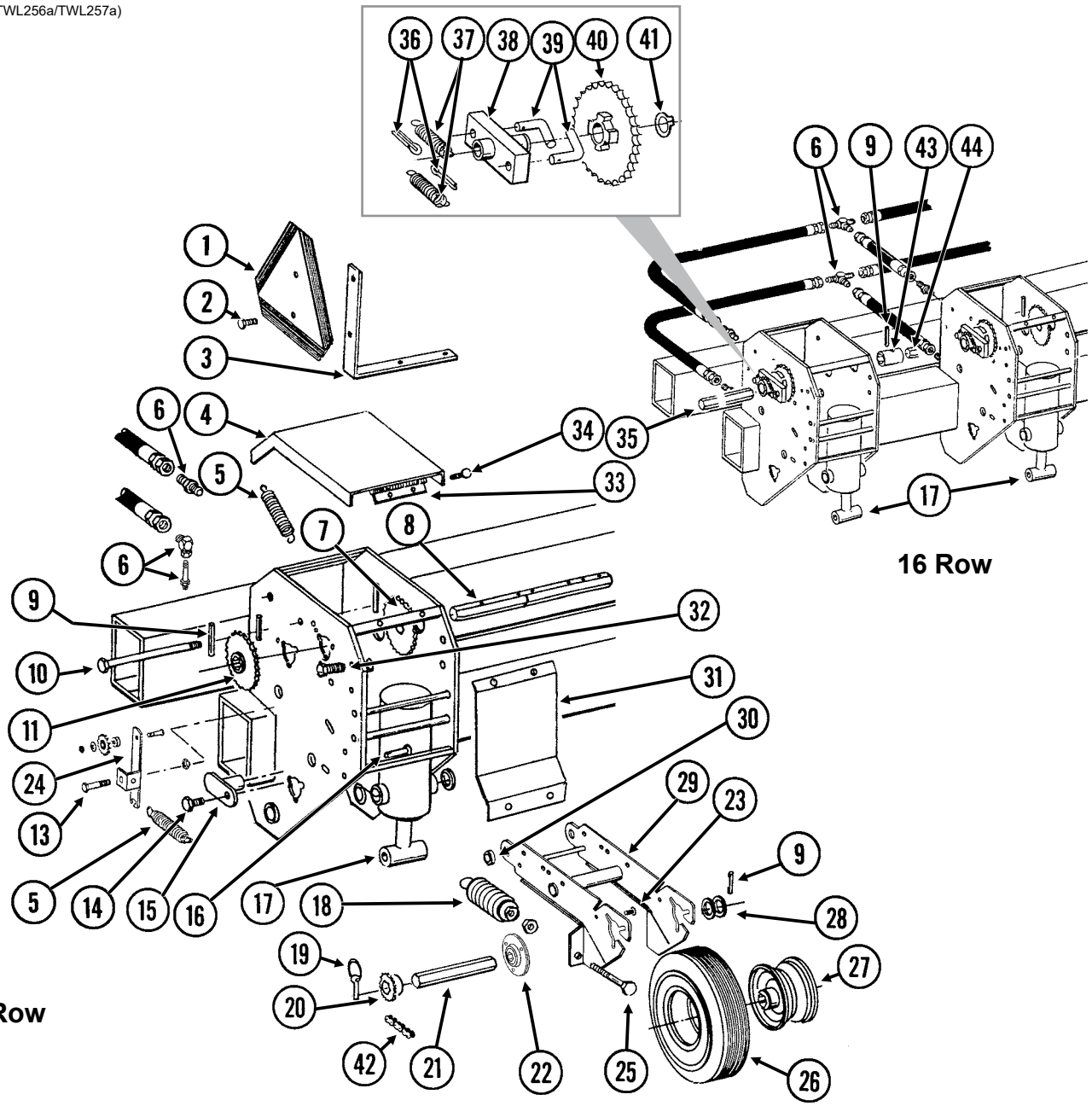
(IP1310)



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA14349	1	Wheel Module
2	GD20461	1	Pin, 1¼" x 13"
3	G11400	2	Retaining Ring, 1¼"
4	GD5841 G11396 G10460	1 2 2	Pin, 1¼" x 5⅝" Flat Washer, 1¼" SAE Cotter Pin, ¼" x 2"
5	GD20456	1	Short Scraper Arm
6	G10636 G10071	2 2	Carriage Bolt, ½"-13 x 1½" Serrated Flange Nut, ½"-13
7	GD34178	1	Slotted Scrapper
8	G10026 G10231	3 2	Hex Head Cap Screw, ¾"-10 x 2" Lock Washer, ¾"
9	G11314	1	Serrated Flange Nut, ¾"-10
10	G11081	2	Hex Jam Nut, 1½"-12, Grade 2
11	GA24825	2	Bearing
12	GA24826 GR0434	1 2	Hub W/Cups, 6 Bolt Cup (Included W/GA24826)
13	GA4376	1	Spindle W/Round External Retaining Ring, 10"
14	GD11490	1	Round External Retaining Ring
15	GD13401 GA7434	1 1	Tire, 7.50" x 20", 8 Ply, Tubeless W/O Center Rib (Specify Brand*) Valve Stem
16	GA14413	1	Rim, 5.5" x 20"
17	GR0270	6	Lug Bolt, 9⁄16"-18
A	GA14412	-	Tire And Rim Assembly (Specify Brand*) (Items 15 and 16)
B	GA24828	-	Hub And Spindle Assembly (Items 10-13)

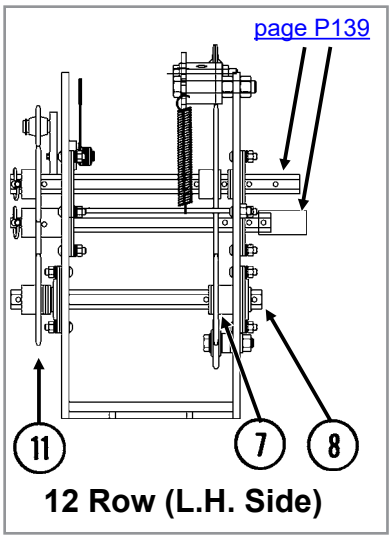
***Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied.**

(TWL11o/TWL256a/TWL257a)

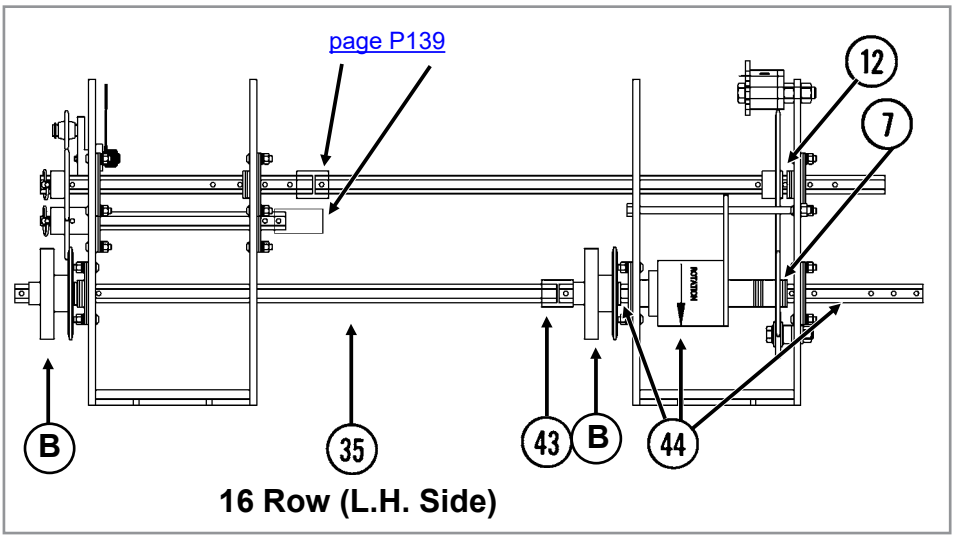


16 Row

12 Row



12 Row (L.H. Side)



16 Row (L.H. Side)

ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD2199	1	SMV Sign
2	G10064 G10621	2 2	Hex Head Cap Screw, ¼"-20 x 1" Serrated Flange Nut, ¼"-20
3	GD9969	1	Bracket
4	GD10298	1	Cover
5	GD5857	2	Spring
6	---	-	See “Hydraulic Hoses and Fittings on Planter Frame, 12 Row” on page P157 See “Hydraulic Hoses and Fittings on Planter Frame, 16 Row” on page P161
7	---	-	See “Inner Module Drive” on page P141
8	GD10543	1	Hex Shaft, ⅞" x 13", See “Point Row Clutch” on page P143 (For 12 Row Machines Equipped With Point Row Clutches)
9	G10602	4	Spring Pin, ¼" x 1½"
10	G10595 G10108	- -	Hex Head Cap Screw, ⅜"-16 x 10" (Used To Secure Point Row Clutch) Lock Nut, ⅜"-16
11	GA5114	1	Sprocket, 30 Tooth
12	G10233 G10345	2 2	Machine Bushing, 1", 10 Gauge Machine Bushing, 1", 14 Gauge
13	G10036 G10104 G10107	1 1 1	Hex Head Cap Screw, ⅝"-11 x 4" Hex Nut, ⅝"-11 Lock Nut, ⅝"-11
14	G10017 G11389 G10111	2 2 2	Hex Head Cap Screw, ½"-13 x 1½" Flat Washer, ½" SAE Serrated Flange Nut, ½"-13
15	GA5121	2	Pin, 2⅛"
16	G10870 G10860	1 1	Clevis Pin, ⅜" x 1" Retaining Ring, ⅜"
17	---	-	See “Wing Lift Cylinder, 12 Row” on page P175 See “Wing Lift Cylinder, 16 Row” on page P176
18	GA2068	2	Spring W/Plug
19	GD2558	1	Lynch Pin, ¼"

Continued on the next page.

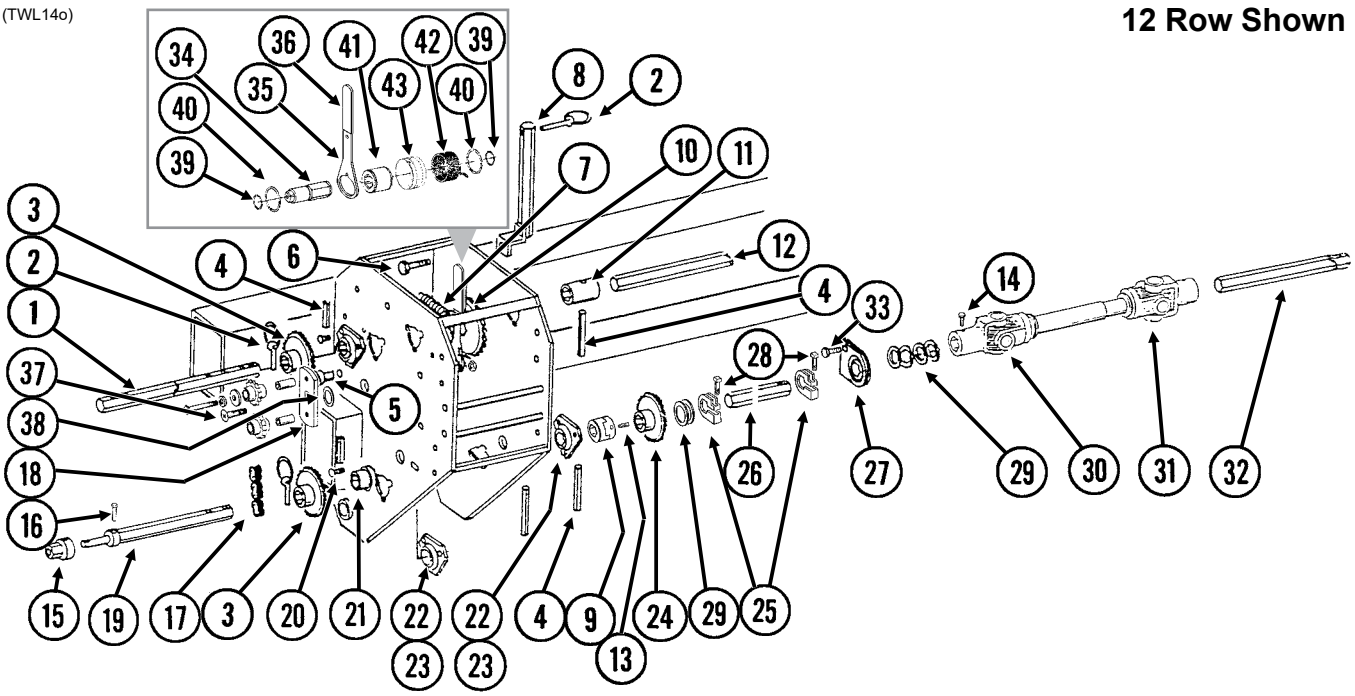
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
20	GA12192	1	Sprocket, 22 Tooth
	GA5113	1	Sprocket, 28 Tooth
	GA5114	-	Sprocket, 30 Tooth
	GA12191	-	Sprocket, 44 Tooth
	GA5105	-	Sprocket, 15 Tooth
21	GD6775	1	Hex Shaft, 7/8" x 11¾" (2 Holes)
22	GA9846	-	Flanged Bearing, 7/8" Hex Bore
23	G10303	6	Carriage Bolt, 5/16"-18 x 1"
	G10232	6	Lock Washer, 5/16"
	G10106	6	Hex Nut, 5/16"-18
24	GA9553	1	Idler W/Sprocket And Hardware, L.H. Side Of Planter
	GA9554	-	Idler W/Sprocket And Hardware, R.H. Side Of Planter
	GA7154	-	Sprocket W/Bearing, 18 Tooth (Included W/GA9553 and GA9554)
	G10017	-	Hex Head Cap Screw, 1/2"-13 x 1½" (Included W/GA9553 and GA9554)
	G10128	-	Machine Bushing, 1/2", 14 Gauge (Included W/GA9553 and GA9554)
	G10501	-	Hex Jam Nut, 1/2"-13, Grade 2 (Included W/GA9553 and GA9554)
25	G11232	2	Hex Head Cap Screw, 1/2"-13 x 4", Grade 5
	G10501	2	Hex Jam Nut, 1/2"-13, Grade 2
26	GD4700	1	Tire, 4.80" x 8", 4 Ply, Rib Implement (Specify Brand*)
27	GA3553	1	Rim, 3.75" x 8"
	GD4701	-	Valve Stem
28	G10233	-	Machine Bushing, 1", 10 Gauge
29	GA7372	1	Wheel Arm
30	GB0218	2	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
31	GD6895	1	Shield
32	G10004	2	Hex Head Cap Screw, 5/8"-11 x 1¼"
	G10235	6	Machine Bushing, 7/8", 14 Gauge
	G11391	2	Flat Washer, 5/8" SAE
	GB0218	2	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
	G10107	2	Lock Nut, 5/8"-11
33	GA13790	1	Slip Joint Hinge Assembly
34	G10064	6	Hex Head Cap Screw, 1/4"-20 x 1"
	G10621	6	Serrated Flange Nut, 1/4"-20
35	GD10099	-	Hex Shaft, 7/8" x 29 5/8"
36	G10453	2	Cotter Pin, 3/16" x 1"
37	GD1256	2	Spring
38	GA0378	1	Block And Hub Assembly
39	GD1255	2	L-Pin
40	GA5165	1	Sprocket, 30 Tooth
41	G10430	1	External Retaining Ring, 1¼"
42	G3310-114	1	Chain, No. 40, 114 Pitch Including Connector Link (Used With 22 Tooth Sprocket)
	G3310-118	-	Chain, No. 40, 118 Pitch Including Connector Link (Used With 28 and 30 Tooth Sprocket)
	G3310-126	-	Chain, No. 40, 126 Pitch Including Connector Link (Used With 44 Tooth Sprocket)
	G3310-110	-	Chain, No. 40, 110 Pitch Including Connector Link (Used With 15 Tooth Sprocket)
	GR0912		Connector Link, No. 40
43	GD5212	1	Coupler, 1¾", 16 Row 30" Only
44	---	-	See “Point Row Clutch” on page P143
A	GA3552	-	Tire And Rim Assembly (Items 26 And 27) (Specify Brand*)
B	GA5164	-	Ratchet/Sprocket Assembly, L.H. Side Of Planter (Items 36-41)
	GA9843	-	Ratchet/Sprocket Assembly, R.H. Side Of Planter (Items 36-41)

*** Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied. Different brand tires may have different diameters. Change in tire brand may affect rates. Field checks are recommended after any change in contact tires.**

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(TWL14o)

12 Row Shown

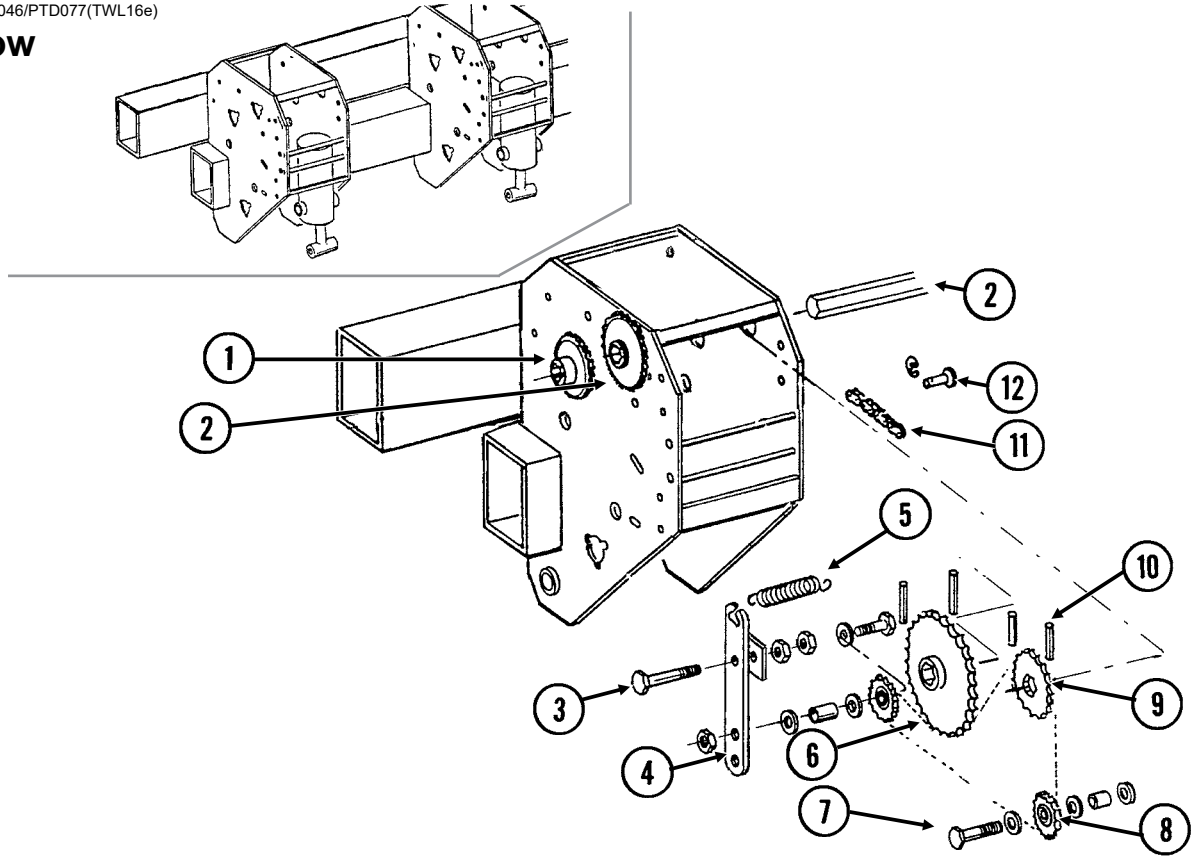


ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
1	GD6780	1	Shaft, ⅞" x 15"
2	GD2558	3	Lynch Pin, ¼"
3	GA5105	1	Sprocket, 15 Tooth
	GA5106	1	Sprocket, 17 Tooth
	GA5107	2	Sprocket, 19 Tooth
	GA5108	2	Sprocket, 23 Tooth
	GA5109	1	Sprocket, 24 Tooth
	GA5110	1	Sprocket, 25 Tooth
	GA5111	1	Sprocket, 26 Tooth
	GA5112	1	Sprocket, 27 Tooth
	GA5113	1	Sprocket, 28 Tooth
	GA5114	1	Sprocket, 30 Tooth
4	G10602	-	Spring Pin, ¼" x 1½"
5	G10870	1	Clevis Pin, ⅜" x 1"
	G10860	1	Retaining Ring, ⅜"
6	G10583	1	Hex Head Cap Screw, ½"-13 x 2¾"
	GD4887-17	1	Sleeve, 1" O.D. x 9⁄16" I.D. x 1⅛"
	G10527	2	Lock Washer, ½", Internal/External
	G10111	1	Lock Nut, ½"-13
7	GD5857	1	Spring
8	GA10832	1	Sprocket Storage Rod
9	GB0287	2	Coupler
10	---	-	See “Inner Module Drive” on page P141
11	GD5212	1	Coupler, 1¾", 16 Row 30" Only
12	GD10100	1	Hex Shaft, ⅞" x 31⅜", 16 Row 30" Only
13	G10131	4	Square Head Set Screw, 5⁄16"-18 x ¾"
14	G10688	-	Square Head Set Screw, ⅜"-16 x ⅝"
15	GD7127	1	Shear Coupler
16	G10821	-	Clevis Pin, 3⁄16" x 2"
	G10455	-	Cotter Pin, 1⁄16" x ½"
17	G3310-80	1	Chain, No. 40, 80 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40

ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
18	GA7336	1	Idler W/Bolt-On Sprockets
	GD7426	-	Sprocket, 12 Tooth
	G10047	-	Hex Head Cap Screw, ⅜"-16 x 1¾"
	GD1026	-	Sleeve, 1 3/16" Long
	G11387	-	Flat Washer, ⅜" SAE
	G10229	-	Lock Washer, ⅜"
19	GD7612	1	Shaft, ⅞" x 13¾"
20	G10303	-	Carriage Bolt, 5/16"-18 x 1"
	G10620	-	Hex Nut, 5/16"-18
21	GA5548	1	Special Bearing
22	G3400-01	-	Flangette
23	G2100-03	-	Bearing, ⅞" Hex Bore, Spherical
24	GA8092	1	Clutch Sprocket Assembly, 19 tooth (See “Split Row Unit Drive” on page P53)
25	GD11045	-	Lock Clamp
26	GD0914-106.5	2	Hex Shaft, ⅞" x 106½" (No Holes), Wing, 12 Row 30"
	GD0914-166.50	-	Hex Shaft, ⅞" x 166½" (No Holes), Wing, 16 Row 30"
27	GA2180	-	Hanger Bearing, ⅞" Hex Bore
28	G10130	-	Square Head Machine Bolt, 5/16"-18 x 1¾"
	G10923	-	Flange Nut, 5/16"-18, No Serration
29	G10233	-	Machine Bushing, 1", 10 Gauge
30	GA7052	-	U-Joint W/Grease Fitting, Female, 10¼" Long, 12 Row 30" And 16 Row 30"
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7052)
	GR1298	-	Inboard Yoke And Outer Profile (18¼" U-Joint)
	GR1297	-	Inboard Yoke And Outer Profile (10¼" U-Joint) (Included W/GA7052)
	GR1294	-	Cross And Bearing Kit (Included W/GA7052)
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7052)
31	GA7051	-	U-Joint W/Grease Fitting, Male, 12¼" Long
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7051)
	GR1296	-	Inner Profile (Included W/GA7051)
	GR1295	-	Inboard Yoke (Included W/GA7051)
	GR1301	-	Spring Pin, 8 mm x 50 mm (Included W/GA7051)
	GR1294	-	Cross And Bearing Kit (Included W/GA7051)
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7051)
32	GD0914-45	1	Hex Shaft, ⅞" x 45" (No Holes), R.H. Main Frame, 12 Row 30" and 16 Row 30"
	GD0914-35	-	Hex Shaft, ⅞" x 35" (No Holes), L.H. Main Frame, 12 Row 30" and 16 Row 30"
	GD0914-38	-	Hex Shaft, ⅞" x 38" (No Holes), L.H. Main Frame, 12 Row 30" and 16 Row 30"
33	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G10229	2	Lock Washer, ⅜"
	G10101	-	Hex Nut, ⅜"-16
34	GD14426	1	Tightener Shaft, 3⅜"
35	GD14431	1	Handle
36	G11078	1	Vinyl Cap
37	G11100	1	Hex Socket Button Head Cap Screw, ¼"-20 x ½", Grade 8
	G11453	1	Fender Washer, ¼"
38	G10235	1	Machine Bushing, ⅞", 14 Gauge
39	G10496	2	External Inverted Snap Ring, 1½"
40	G11075	2	External Inverted Snap Ring, ⅞"
41	GD14432	1	Sleeve, 1¼"
42	GD14414	1	Torsion Spring, R.H. (Used In L.H. Wrap Spring Wrench)(Shown)
	GD14413	-	Torsion Spring, L.H. (Used In R.H. Wrap Spring Wrench)
43	GD19344	-	Release Collar, Gray, L.H. (Shown)
	GD19343	1	Release Collar, Blue, R.H.
A	G1K381	-	Wrap Spring Wrench Replacement Kit, Gray Collar, L.H. (Items 34-43) (Shown)
	G1K380	-	Wrap Spring Wrench Replacement Kit, Blue Collar, R.H. (Items 34-43)

PTD058/PFA046/PTD077(TWL16e)

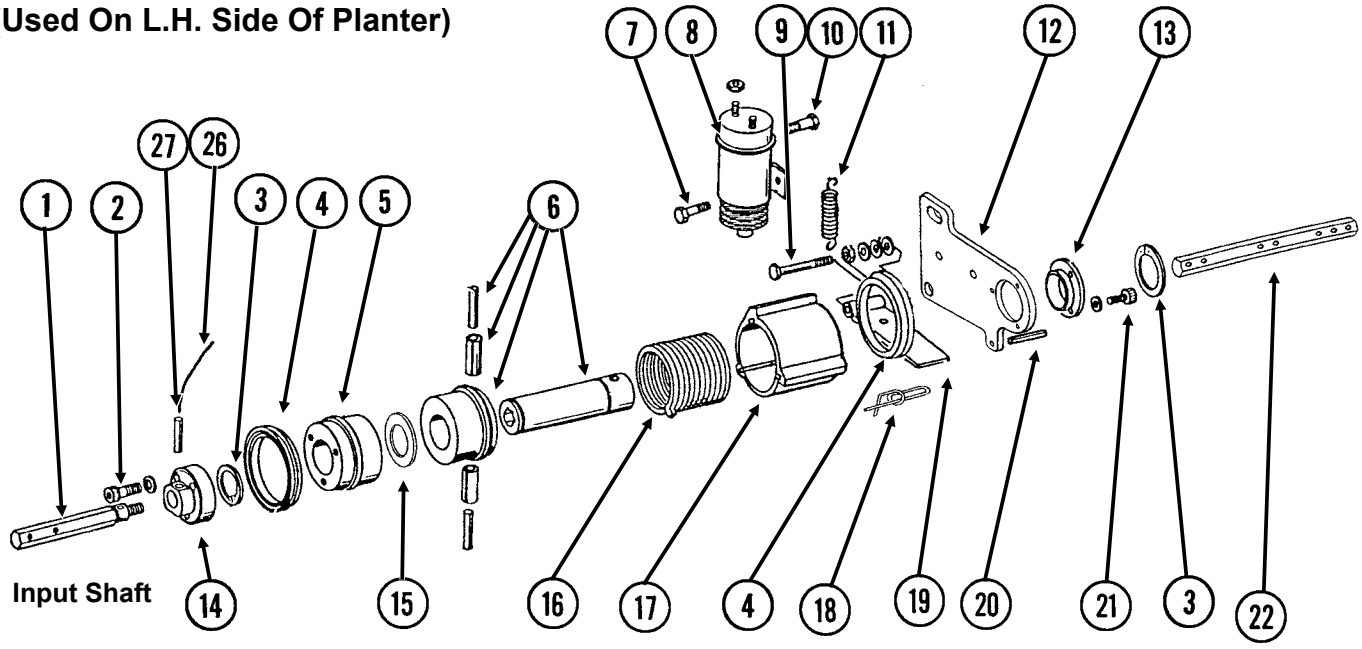
16 Row

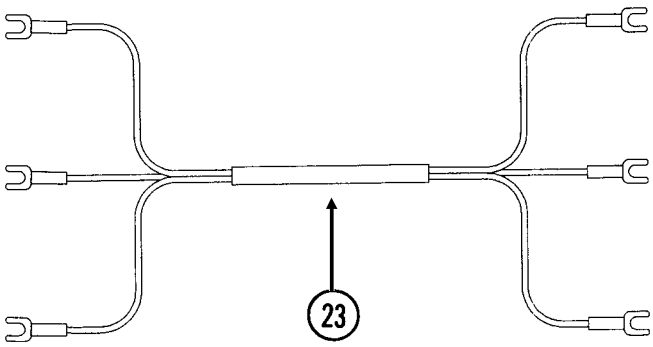


ITEM	PART NO.	QTY. (Per Module)	DESCRIPTION
1	---	-	See “Seed Rate Transmission and Row Unit Drill Shafts” on page P139
2	---	-	See “Contact Wheel and Drive Shaft(s)” on page P135
3	G10743	1	Hex Head Cap Screw, 5/8"-11 x 3¾"
	G10918	3	Machine Bushing, 5/8", 14 Gauge (As Required)
	G10503	1	Hex Jam Nut, 5/8"-11, Grade 2
	G10107	1	Lock Nut, 5/8"-11
4	GA9558	1	Idler W/Sprocket And Hardware, L.H. Side Of Planter
	GA9557	-	Idler W/Sprocket And Hardware, R.H. Side Of Planter
	GA7154	-	Sprocket W/Bearing, 18 Tooth (Included W/GA9558 and GA9557)
	G10038	-	Hex Head Cap Screw, ½"-13 x 3" (Included W/GA9558 and GA9557)
	GD4887-17	-	Sleeve, 1 O.D. x 9/16" I.D. x 1⅛"
	G11389	-	Flat Washer, ½" SAE (Included W/GA9558 and GA9557)
	G10111	-	Lock Nut, ½"-13 (Included W/GA9558 and GA9557)
5	GD5857	1	Spring
6	GA5194	1	Sprocket, 50 Tooth
7	G10581	1	Hex Head Cap Screw, ½"-13 x 2¼"
	GD7889	1	Bushing, 1" O.D. x 9/16" I.D. x 7/16" Long
	G10168	2	Machine Bushing, ½", 7 Gauge
	G11391	2	Flat Washer, 5/8" SAE
	G10111	1	Lock Nut, ½"-13
8	GA7154	1	Sprocket W/Bearing, 18 Tooth
9	GA5113	1	Sprocket, 28 Tooth
10	G10602	-	Spring Pin, ¼" x 1½"
11	G3310-100	1	Chain, No. 40, 100 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
12	G10870	1	Clevis Pin, 3/8" x 1"
	G10860	1	Retaining Ring, 3/8"

PRC019(TWL70d/TWL71d/TWL71/TWL18/A10054)

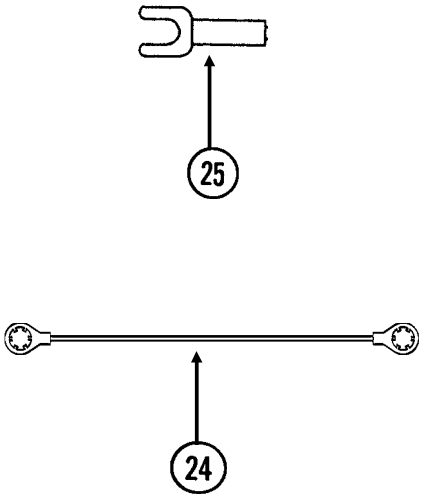
L.H. Point Row Clutch Shown (Used On L.H. Side Of Planter)





Connects To Clutch Solenoid

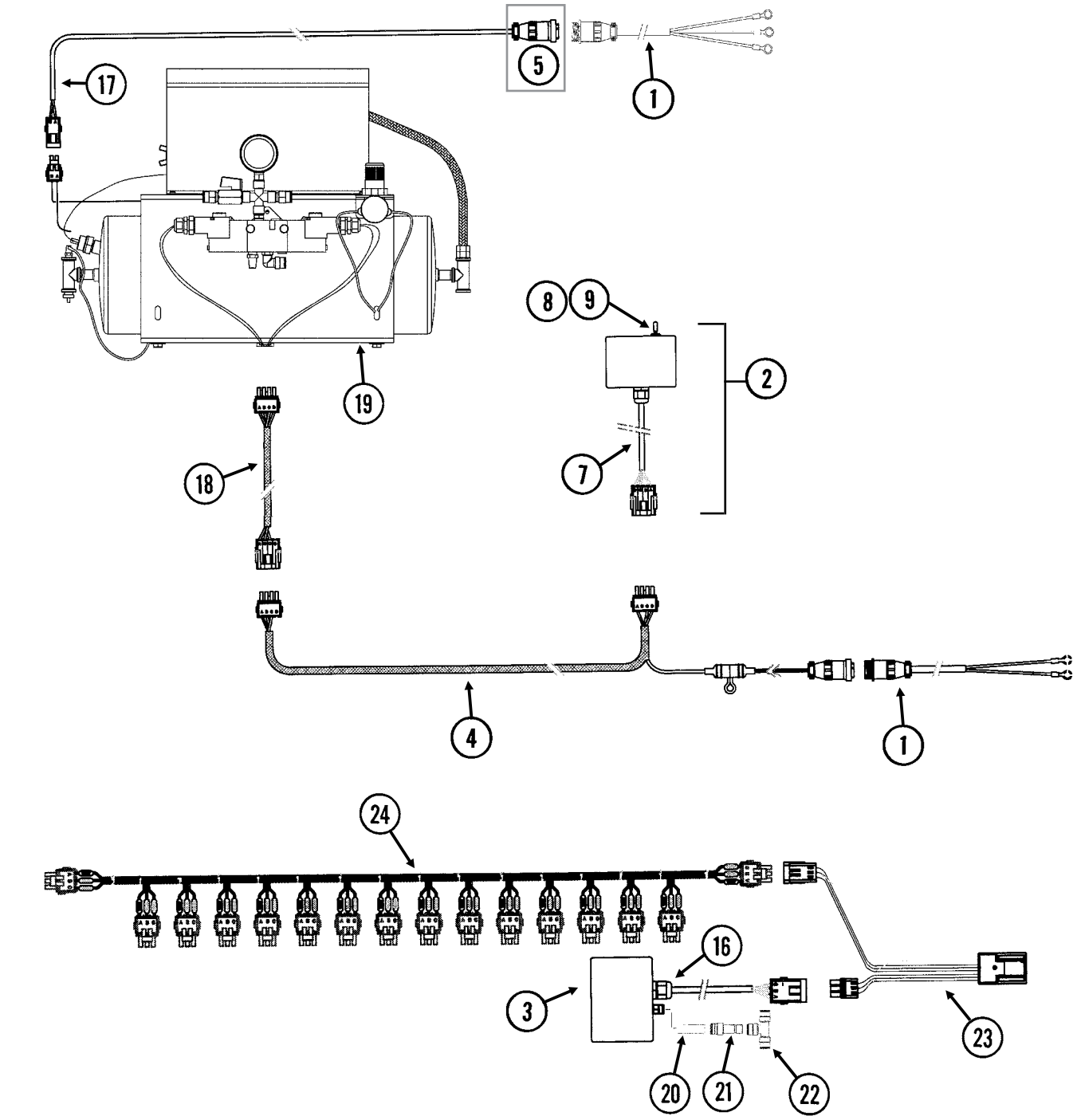
Connects To Planter Harness At Valve Block On Rear Center Frame

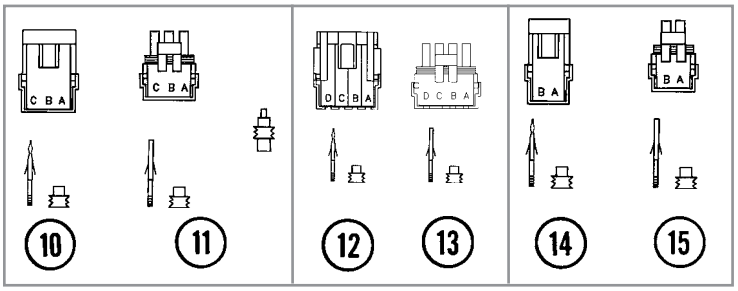


On Point Row Clutch

ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD10068	1	Input Shaft, R.H. Threads (Shown)
	GD10069	1	Input Shaft, L.H. Threads
2	G10374	3	Hex Socket Head Cap Screw, ¼"-20 x 1"
	G10227	3	Lock Washer, ¼"
3	G10496	2	External Inverted Snap Ring, 1½"
4	GD14512	2	V-Ring Seal
5	GD10104	1	Input Hub
6	GA7137	1	Hub/Sleeve Assembly W/Spring Pins
	G11934	2	Coiled Spring Pin, ¼" x 1" (Included W/GA7137)
7	G10023	1	Hex Head Cap Screw, ¼"-20 x ¾"
	G10227	1	Lock Washer, ¼"
	G10103	1	Hex Nut, ¼"-20
8	GA8393	1	Solenoid Complete
	GR1306	1	Snap Ring (Included W/GA8393)
	GR1303	1	Spring (Included W/GA8393)
	GR1304	1	Boot (Included W/GA8393)
	GR1305	1	Plunger (Included W/GA8393)
9	G10939	1	Hex Head Cap Screw, ⅜"-16 x 2¼"
	G10101	1	Hex Nut, ⅜"-16
	G11387	1	Flat Washer, ⅜" SAE
	G10229	2	Lock Washer, ⅜"
	G10497	1	Hex Jam Nut, ⅜"-16, Grade 2
10	G10900	1	Hex Socket Head Cap Screw, ¼"-20 x 1¾", Grade 8
	G10227	1	Lock Washer, ¼"
	G10103	2	Hex Nut, ¼"-20
11	GD10123	1	Spring
12	GD10103	1	Mounting Plate
13	GD9667	1	Bushing
14	GD10070	1	Coupler W/R.H. Threads (Shown)
	GD10071	1	Coupler W/L.H. Threads
15	GD14513	1	Felt Washer
16	GD9671	-	Spring, L.H. (Shown)
	GD9672	-	Spring, R.H.
17	GD30903	1	Stop Collar
18	GD11120	1	Rue Ring Cotter, 5⁄16"
19	GD30902	1	Actuator Arm
20	G10859	1	Spring Pin, 3⁄16" x 2¼"
21	G10253	3	Hex Socket Head Screw, No. 10-32 x ½"
	G10257	3	Lock Washer, No. 10
22	GD10543	-	Hex Shaft, ⅞" x 13"
23	GA9479	1	Wiring Harness, 228", R.H. Side, 12 Row 30"
	GA9480	-	Wiring Harness, 264", L.H. Side, 12 Row 30"; R.H. Side, 16 Row 30”
	GA9482	-	Wiring Harness, 300", L.H. Side, 16 Row 30"
24	GA10054	-	Ground Cable, Green
25	G10996	-	Fork Terminal
26	GD13524-01	1	Lock Wire, 10", Stainless Steel
27	G10546	1	Spring Pin, 3⁄16" x 1¼"
A	GA7110	-	Point Row Clutch Assembly, R.H. (R.H. Side Of Machine) (Items 1-21, 24, 26 And 27)
	GA7111	-	Point Row Clutch Assembly, L.H. (L.H. Side Of Machine) (Items 1-21, 24, 26 And 27)

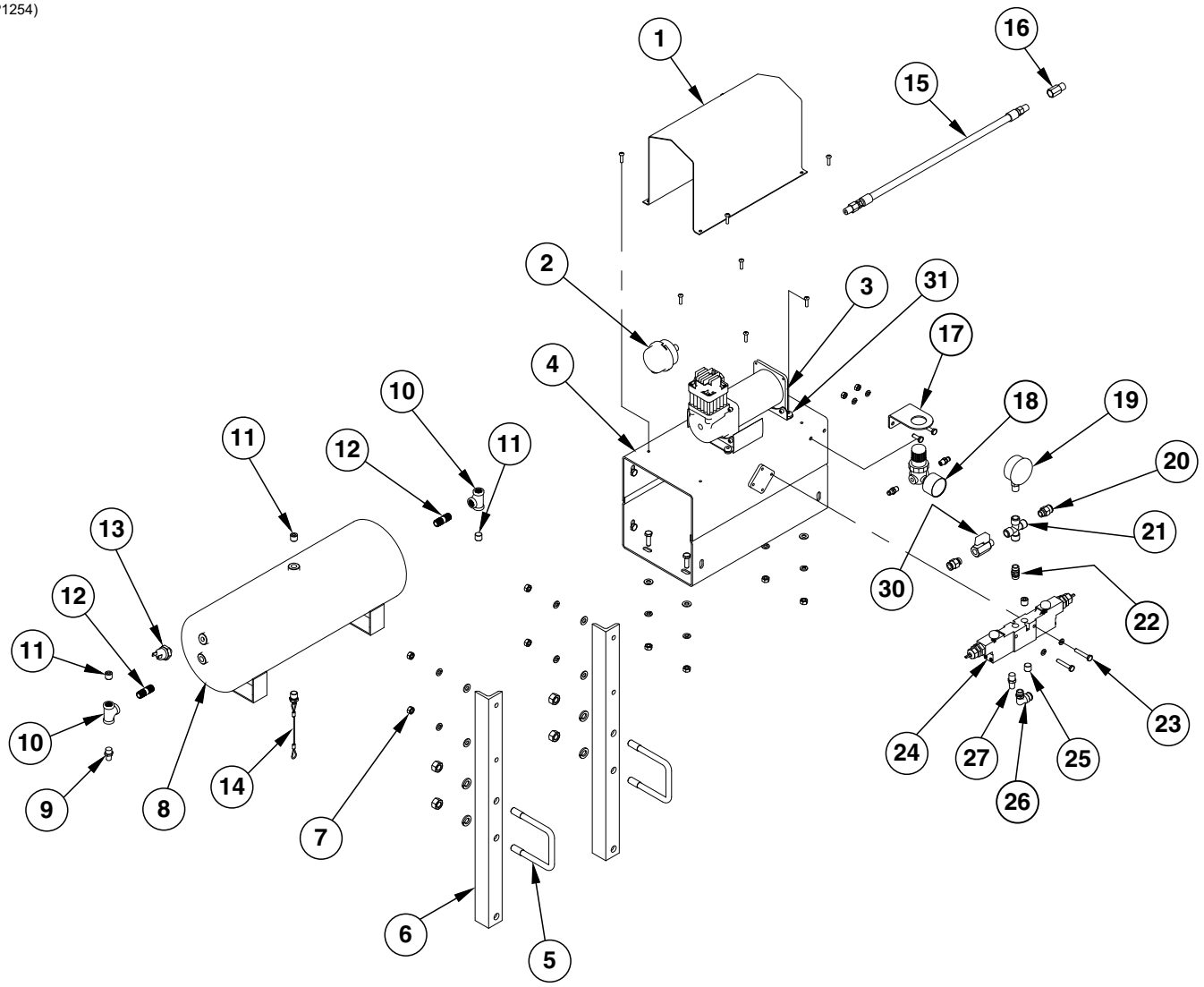
(PNE30b/MTR27a/ELC27b/MTR45/MTR27t/PNE30e)

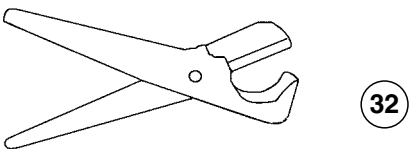


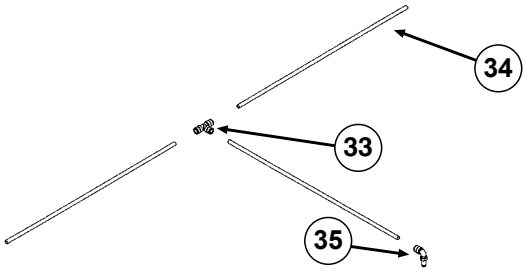


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA17547	2	Power Adapter Cable
2	GA12813	1	Control Box Assembly
3	GA14846	1	High Pressure Sensor (0-120 PSI)
4	GA13944 GD14258 GD14660	1 - -	Wiring Harness W/Fuse Holder And Fuse, 206" Fuse Holder (Included W/GA13944) Fuse, 2 Amp Delay Action (Included W/GA13944)
5	G1K268	-	Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (1) Lock Ring, (3) Female Terminal Pins
6	---	---	---
7	GA9964	1	Strain Relief
8	GR1363 GR1364	1 1	Hex Face Nut, 15⁄32"-32 Internal Tooth Lock Washer, 15⁄32"
9	GA20765	1	Switch, 3 Position Toggle, Momentary On-Off-Momentary On
10	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
11	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
12	GA8328	-	4-Pin Female Connector Kit, Includes: (1) 4-Pin Female Housing, (4) Pin Contacts, (4) Seals
13	GA8329	-	4-Pin Male Connector Kit, Includes: (1) 4-Pin Male Housing, (4) Socket Contacts, (4) Seals
14	G1K321	-	2-Pin Female Connector Kit (Black), Includes: (3) 2-Pin Female Housings, (6) Pin Contacts, (6) Seals
15	G1K320	-	2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals
16	GA9964	2	Strain Relief
17	GA16392 GD14258 GD18275	1 - -	Compressor Harness, 60' Fuse Holder Fuse, 20 Amp
18	GA12858	1	Wiring Harness, 60'
19	---		See “Air Compressor, Dual Solenoid Assembly, Tubing, and Fittings” on page P147
20	GD17151-06	1	Nylon Tubing, ¼" O.D. x 1½'
21	GD18796	1	Reducer, ⅜" To ¼"
22	GD18010	1	Tee, ⅜" Tube Union
23	GA12812	1	Hall Effect Adapter
24	---		See “Ag Leader PMM” on page P213

(IP1254)





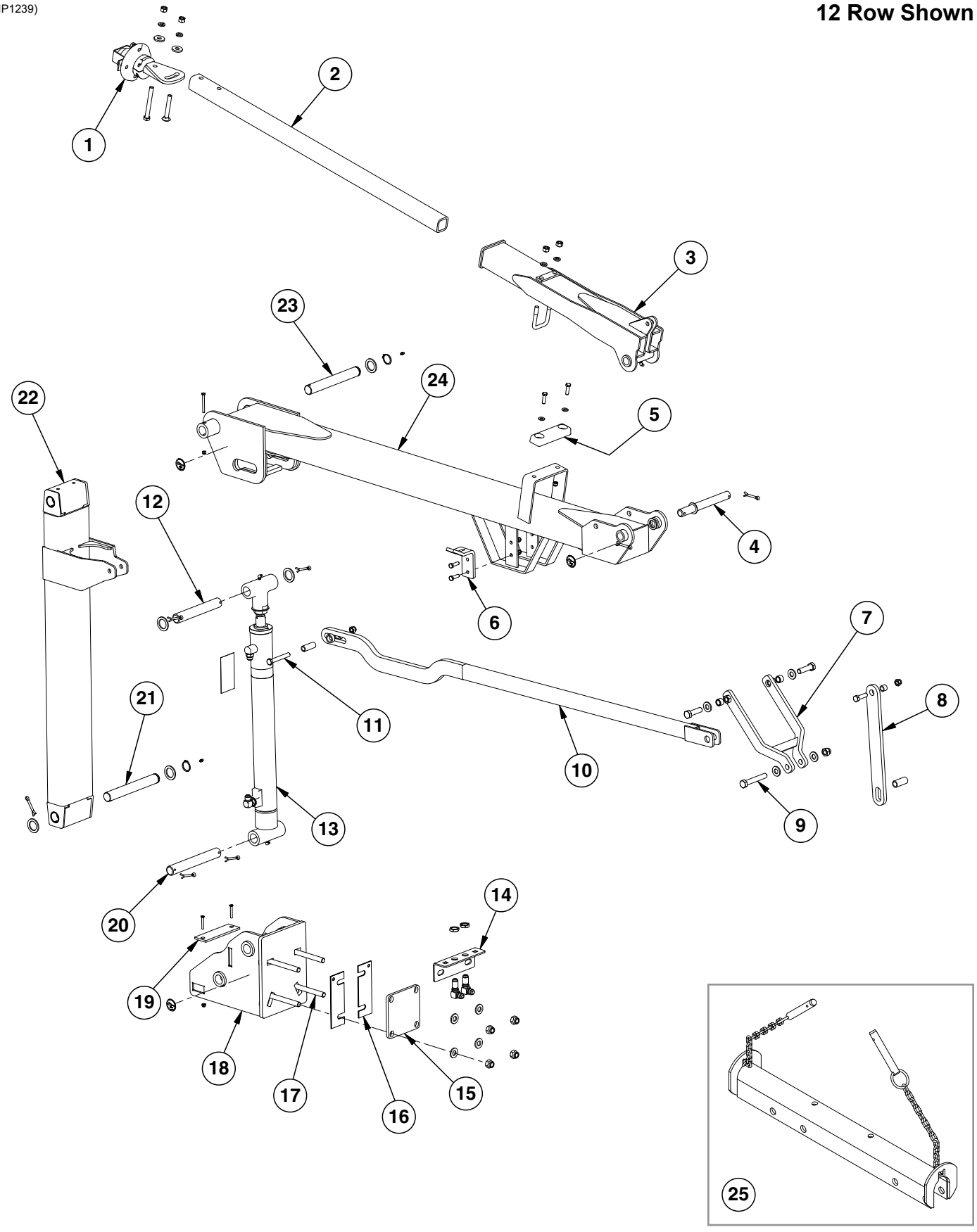


ITEM	PART NO.	QTY.	DESCRIPTION
1	GD18112	1	Cover
	G10992	8	Serrated Flange Nut, No. 10-24
	G11066	8	Phillips Pan Head Machine Screw, No. 10-24 x ¾", Stainless Steel
2	GA14127	1	Filter Assembly
	GR1943	-	Filter (Included W/GA14127)
3	GA22273	1	Air Compressor W/Harness
	G10992	4	Serrated Flange Nut, No. 10-24
	G11066	4	Phillips Pan Head Machine Screw, No. 10-24 x ¾", Stainless Steel

ITEM	PART NO.	QTY.	DESCRIPTION
4	GA12358	1	Compressor Mount
	G10019	4	Hex Head Cap Screw, 5/16"-18 x 1"
	G10106	4	Hex Nut, 5/16"-18
	G10232	4	Lock Washer, 5/16"
	G11386	4	Flat Washer, 5/16" SAE
5	GD4743	2	U-Bolt, 3" x 3" x 1/2"-13
	G10228	4	Lock Washer, 1/2"
	G10102	4	Hex Nut, 1/2"-13
6	GD18119	2	Compressor Mount
7	G10019	4	Hex Head Cap Screw, 5/16"-18 x 1"
	G11386	4	Flat Washer, 5/16" SAE
	G10106	4	Hex Nut, 5/16"-18
	G10232	4	Lock Washer, 5/16"
8	GA11988	1	Tank, 3 Gallon
9	GA13512	1	Valve Stem, 1/4" NPT
10	GD19237	2	Tee, 1/4" NPT
11	GD17156	3	Plug, 1/4" NPT
12	GD19238	2	Nipple, 1/4" NPT
13	GR1778	1	Pressure Switch
14	GA11991	1	Drain, 1/4" NPT
15	GR1951	1	Leader Hose without Check Valve
16	GR1921	1	Check Valve
17	GD18084	1	Regulator Bracket
	G10023	2	Hex Head Cap Screw, 1/4"-20 x 3/4"
	G10227	4	Lock Washer, 1/4"
	G10103	2	Hex Nut, 1/4"-20
18	GA12629	1	Mini Regulator W/Gauge
	GD19124	2	Connector, 1/4" x 1/8" NPT
19	GA21405	1	Pressure Gauge, 1/4" NPT
20	GD17141	2	Connector, 1/4" Male NPT
21	GD18078	1	Female Cross, 1/4" NPT
22	D17154	1	Connector, 1/4" Male NPT
23	G10021	2	Hex Head Cap Screw, 1/4"-20 x 1 1/2"
24	GA22793	1	Dual Solenoid Air Valve
25	GD17156	2	Plug, 1/4" NPT
26	GD17143	1	Swivel Elbow, 1/4" NPT x 3/8"
27	GA11997	1	Breather, 1/4" NPT
28	---	-	---
29	---	-	---
30	GA11992	1	Shutoff Valve, 1/4" NPT
31	GR2233	4	Vibration Isolator Gromet, 4 Pack
32	GA13169	1	Tube Cutter W/Blade
	GR1843	-	Blade
33	GD18010	-	Tee, 3/8" Tube Union, Pull Row Unit (Pneumatic Down Pressure)
	GD18274	-	Tee, 3/8" x 1/8" NPT Extended, Push Row Unit (Pneumatic Down Pressure)
34	GD17150-03	-	Nylon Tubing, 3/8" O.D. x 64', 12 Row Pull Row Units (Pneumatic Down Pressure)
	GD17150-04	-	Nylon Tubing, 3/8" O.D. x 86', 16 Row Pull Row Units (Pneumatic Down Pressure)
	GD17150-08	-	Nylon Tubing, 3/8" O.D. x 60', 11 Row Push Row Units (Pneumatic Down Pressure)
	GD17150-09	-	Nylon Tubing, 3/8" O.D. x 82', 15 Row Push Row Units (Pneumatic Down Pressure)
	GD17150-12	-	Nylon Tubing, 3/8" O.D. x 5', Even-Row Push Row Unit (Pneumatic Down Pressure)
35	GD18011	-	Elbow, 3/8" x 1/8" NPT Extended, Pull Row Unit (Pneumatic Down Pressure)
A	GA12626	-	Air Compresor Assembly (Items 1-4, 8-14, and 25)
B	GA11995	-	Dual Solenoid Assembly (Items 19-22 and 24-30) (Only applicable with pneumatic down pressure option)

(IP1239)

12 Row Shown

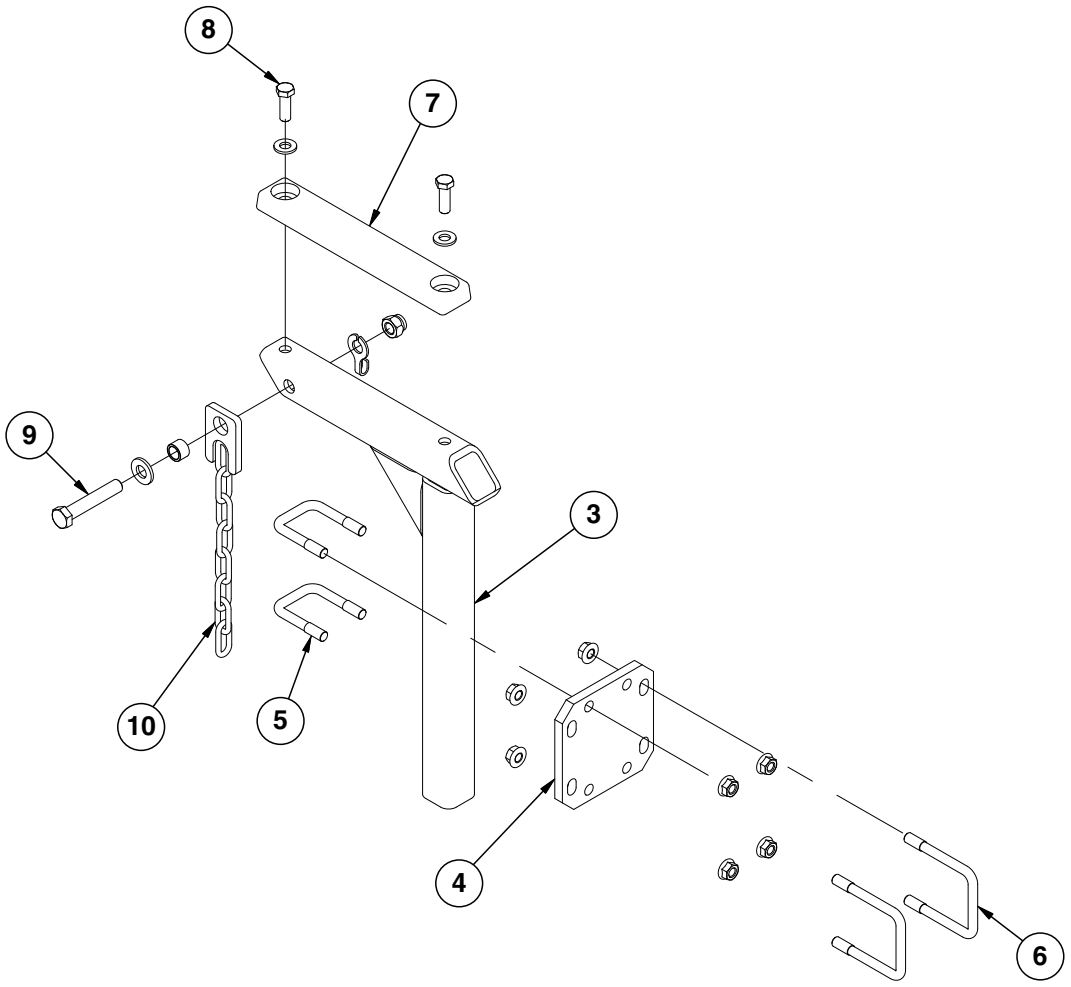


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA26909	1	See “Row Marker Spindle/Hub/Blade” on page P153
	G10168	2	Machine Bushing, ½", 7 Gauge
	G10045	1	Hex Head Cap Screw, ½"-13 x 4½"
	G10844	1	Carriage Bolt, ½"-13 x 3½"
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
2	GD0453-07	1	Extension Tube, 45", 12 Row
	GD0453-03	-	Extension Tube, 50", 16 Row
	GD0453-04	-	Extension Tube, 60", 12 Row Even-Row
	GD0453-08	-	Extension Tube, 65", 16 Row Even-Row
3	GA13994	1	Arm, Third Stage, 12 Row
	GA13114	-	Arm, Third Stage, 16 Row
	G10643	-	Grease Fitting, 45°, ¼"-28
	GD2721	1	U-Bolt, 2" x 2" x ½"-13
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
4	GD18889	1	Pin, 1" x 9¼"
	G10460	2	Cotter Pin, ¼" x 2"
	G10345	2	Machine Bushing, 1", 14 Gauge
5	GA9145	1	Molded Stop, 6¼" Long
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11387	2	Flat Washer, ⅜" SAE
	G10108	2	Lock Nut, ⅜"-16
6	GD18540	1	Lock-up Chain Bracket
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G10108	2	Lock Nut, ⅜"-16
7	GA13764	1	Linkage
	G11391	2	Flat Washer, ⅝" SAE
	G10006	2	Hex Head Cap Screw, ⅝"-11 x 2¼"
	GB0218	2	Bushing, 21/32" I.D. x ⅞" O.D. x 19/32" Long
	G10107	2	Lock Nut, ⅝"-11
8	GD25189	1	Marker Link
	GD3180-34	1	Sleeve, ⅞" O.D. x ⅝" I.D. x 2"
	GD10538-07	1	Sleeve, ¾" O.D. x ½" I.D. x .3⅝"
	G10039	1	Hex Head Cap Screw, ½"-13 x 1¾"
	G10111	1	Lock Nut, ½"-13
9	G10036	1	Hex Head Cap Screw, ⅝"-11 x 4"
	G11391	2	Flat Washer, ⅝" SAE
	G10107	1	Lock Nut, ⅝"-11
10	GA17399	1	Marker Link, 66¾", 12 Row
	GA17400	-	Marker Link, 113¼", 16 Row
11	G10033	1	Hex Head Cap Screw, ½"-13 x 3½"
	GD19661-01	1	Sleeve, ¾" O.D. x 51/100 I.D. x 2"
	GD16418-02	2	Sleeve, 1⅛ O.D. x 13/16" I.D. x 11/25"
	G10111	1	Lock Nut, ½"-13
12	GD18815	1	Pin, 1¼" x 8.38"
	G10159	2	Washer, 1⅞"
	G10460	2	Cotter Pin, ¼" x 2"
13	GA21030	1	See “Row Marker Cylinder” on page P173
	G6801-08	1	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
	G6400-08-04	1	Connector W/O-Ring, ¾"-16 Male JIC To 7/16"-20 O-Ring
	GR1465	-	O-Ring
14	GD26024	1	Bulkhead Mount
	G306-08	2	Lock Nut, ¾"-16
	2701-08	2	Bulkhead Elbow, 90°, ¾"-16 Male JIC
	G10107	4	Lock Nut, ⅝"-11

ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
15	GD13360	1	Plate, 6" x 6", 12 Row
	GD13359	-	Plate, 7" x 7", 16 Row
16	GD10792	4	Shim, 2½" x 7¼", 16 Gauge, 12 Row Only
17	G10011	4	Hex Head Cap Screw, ⅝"-11 x 5½"
	G11391	4	Flat Washer, ⅝" SAE
18	GA14361	1	Marker Mount
19	GD19491	1	Marker Mount Wear Pad
	G11319	2	Slotted Flat Head Machine Screw, ¼"-20 x 1¾"
	G11320	2	Lock Nut, ¼"-20, Grade B
20	GD31511	1	Hydraulic Cylinder Marker Arm Pin
	G10159	2	Washer, 1⅞", 10 Gauge (.1345")
	G11400	1	Retaining Ring, 1¼"
	G10640	1	Grease Fitting, ¼"-28
	G10460	2	Cotter Pin, ¼" x 2"
21	GD21143	1	Marker Pin, 1¼" x 9½", 12 Row 30" and 16 Row 30"
	GD10186		Marker Pin, 1¼" x 9½", 12 Row 36"/38"
	G11400	1	Retaining Ring, 1¼"
	G10640	1	Grease Fitting, ¼"-28
22	GA13487	1	Arm, First Stage
	G10403	1	Hex Head Cap Screw, ¼"-20 x 2½"
	G11320	1	Lock Nut, ¼"-20, Grade B
	GD11751		Steel Bushing, 1" Wide
23	GD21142	1	Marker Pin, 1¼" x 11$^{53}/_{64}$"
	G11400	1	Retaining Ring, 1¼"
	G10640	1	Grease Fitting, ¼"-28
	G11320	1	Lock Nut, ¼"-20, Grade B
	G10403	1	Hex Head Cap Screw, ¼"-20 x 2½"
24	GA17401	1	Arm W/Grease Fitting, Second Stage, 12 Row
	GA17402	-	Arm W/Grease Fitting, Second Stage, 16 Row
25	GA24754	1	Cylinder Lock-Up
	G10536	2	Detent Pin, ½" x 2½" Grip

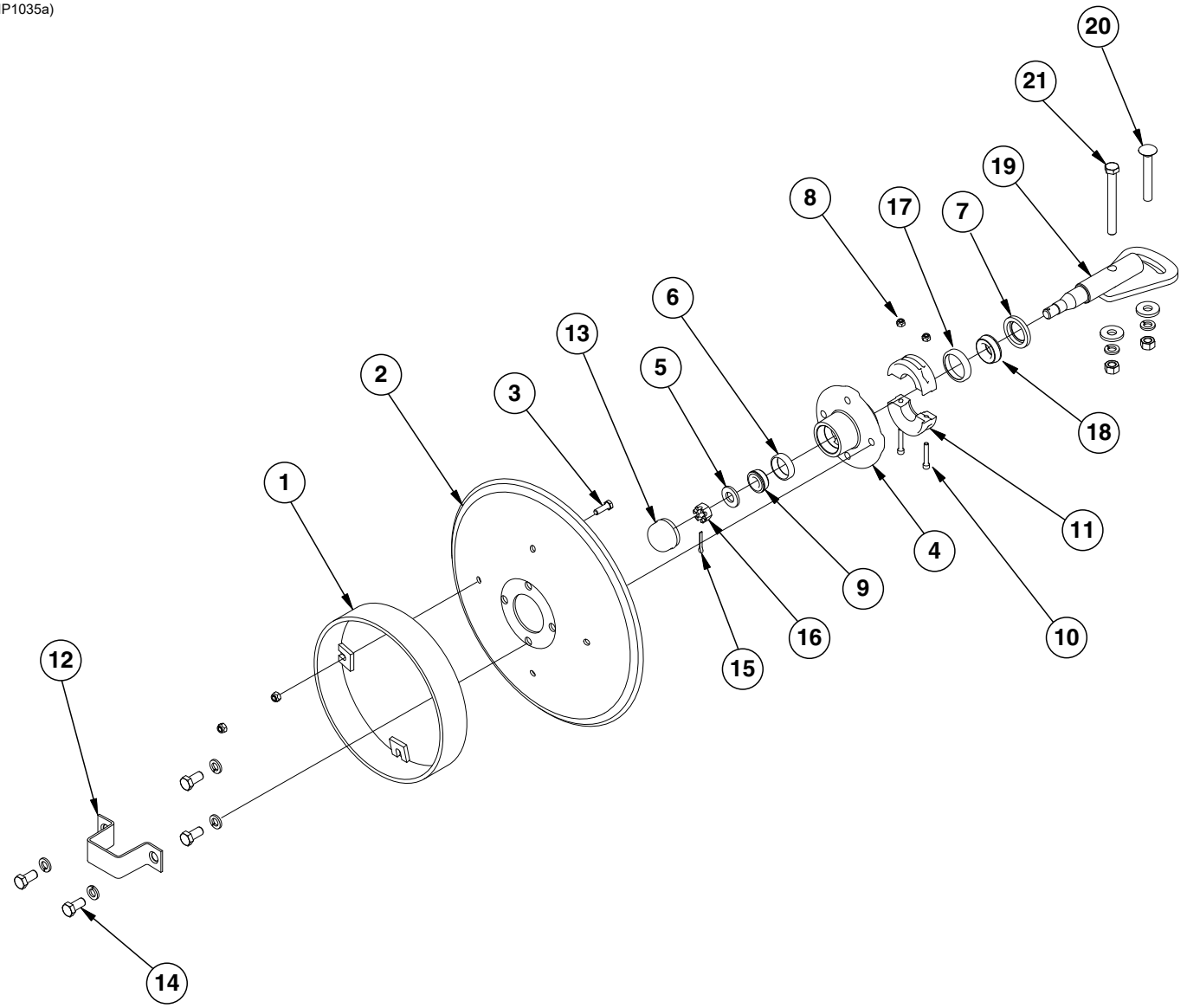
(IP1260)

L.H. Shown

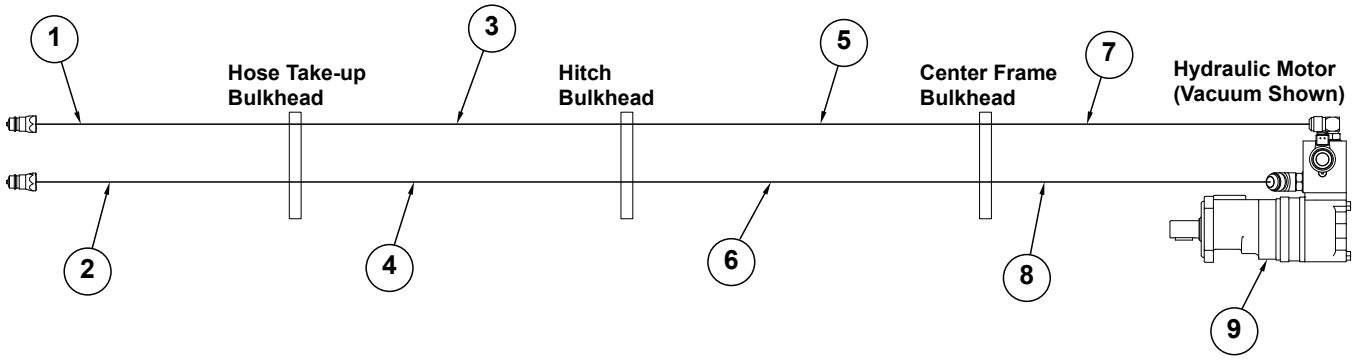


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	---	-	---
2	---	-	---
3	GA14402	1	Marker Stand
4	GD9981	1	Marker Stand Bar
5	GD2721	2	U-Bolt, 2" x 2" x ½"-13
	G10071	4	Serrated Flange Nut, ½"-13
6	GD4743	2	U-Bolt, 3" x 3" x ½"-13
	G10071	4	Serrated Flange Nut, ½"-13
7	GA9088	1	Molded Stop, 12¼" Long
8	G10017	2	Hex Head Cap Screw, ½"-13 x 1½"
	G11389	2	Flat Washer, ½" SAE
	G10111	2	Lock Nut, ½"-13
9	G10743	1	Hex Head Cap Screw, ⅝"-11 x 3¾"
	G11391	1	Flat Washer, ⅝" SAE
	GB0218	1	Bushing, 21/32" I.D. x ⅞" O.D. x 19/32" Long
	GD10088	1	Special Washer
	G10107	1	Lock Nut, ⅝"-11
10	GA13340	1	Chain Lockup

(IP1035a)



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA5853	1	Depth Band
2	GD0746	1	Disc Blade, Solid, 16" (Shown)
	GD10283	-	Disc Blade, Notched, 16" (Optional)
3	G10019	4	Hex Head Cap Screw, 5/16"-18 x 1"
	G10109	4	Lock Nut, 5/16"-18, Grade 8
4	GD26876	1	Hub W/Cups, 4 Bolt (Includes Items 6 and 17)
5	G11391	1	Flat Washer, 5/8" SAE
6	GR0151	1	Outer Cup
7	GD21540	1	Grease Seal
8	G10110	2	Lock Nut, 1/4"-20, Grade B
9	GA0257	1	Bearing
10	G11418	2	Hex Socket Head Cap Screw, 1/4"-20 x 1 1/2"
11	GB0554	2	Hub Shield
12	GD2597	1	Retainer
13	GD0840	1	Dust Cap
14	G10722	4	Hex Head Cap Screw, 1/2"-20 x 1"
	G10228	4	Lock Washer, 1/2"
15	G10544	1	Cotter Pin, 5/32" x 1"
16	G10725	1	Slotted Hex Nut, 5/8"-18
17	GR0150	1	Inner Cup
18	GA0245	1	Bearing
19	GA15151	1	Spindle
20	G10844	1	Carriage Bolt, 1/2"-13 x 3 1/2"
	G10168	1	Machine Bushing, 1/2", 7 Gauge
	G10228	1	Lock Washer, 1/2"
	G10102	1	Hex Nut, 1/2"-13
21	G10045	1	Hex Head Cap Screw, 1/2"-13 x 4 1/2"
	G10168	2	Machine Bushing, 1/2", 7 Gauge
	G10228	2	Lock Washer, 1/2"
	G10102	2	Hex Nut, 1/2"-13
A	GA26909	-	Hub And Spindle Assembly, (Items 4-7, 9, and 12-19)

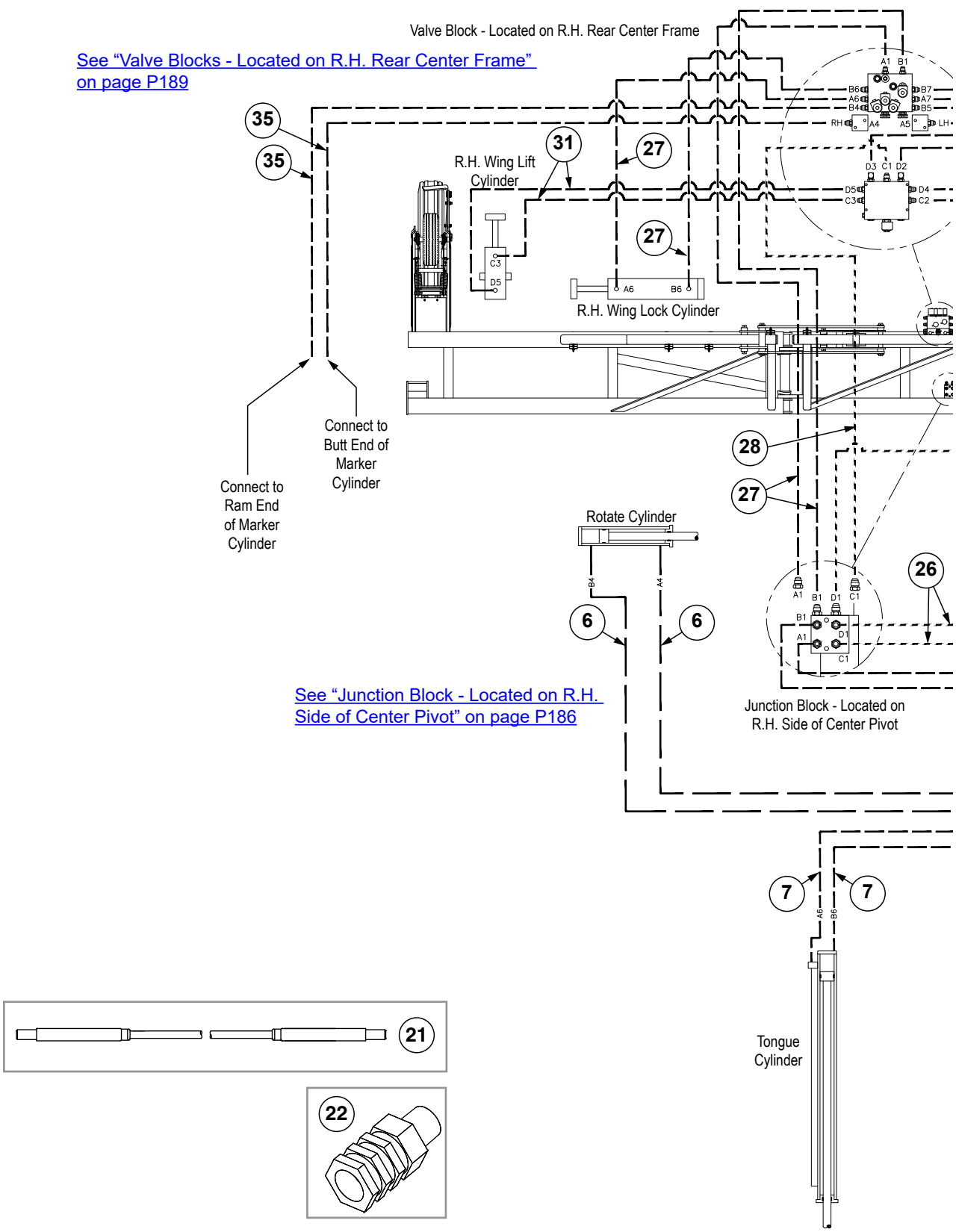


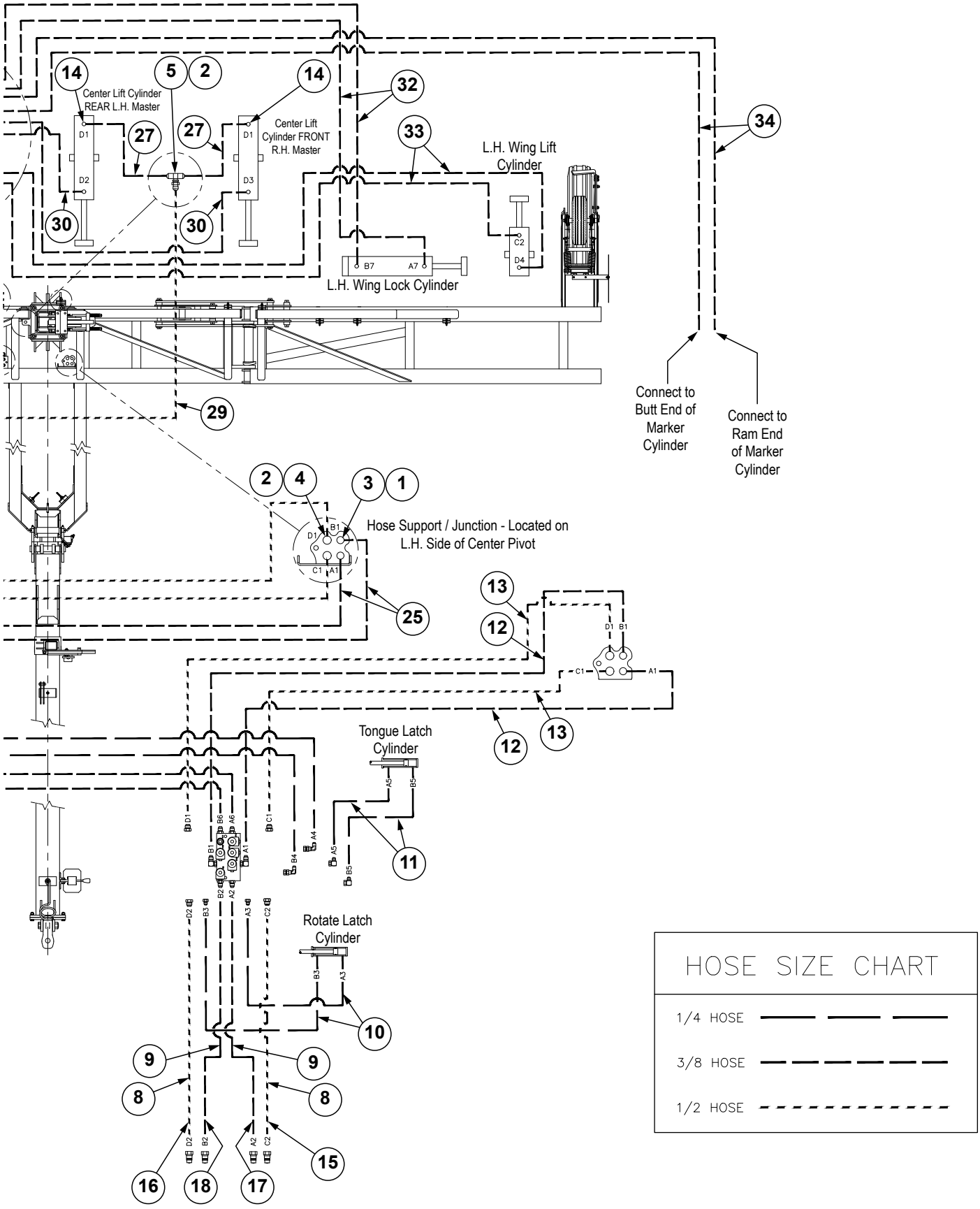
1	*A12754 *A8266	1 1	Hose Assembly, ½" x 206" (1/2M NPTF-10F), 12 Row 30" Hose Assembly, ½" x 268" (1/2M NPTF-10F), 16 Row 30"
2	*A11449 *A11450	1 1	Hose Assembly, ⅝ x 206" (1/2M NPTF-12F), 12 Row 30" Hose Assembly, ⅝" x 266" (1/2M NPTF-12F), 16 Row 30"
3	*A12751	1	Hose Assembly, ½" x 142½" (10F-10F)
4	*A11442	1	Hose Assembly, ⅝" x 137½" (12F-12F)
5	*A1464	1	Hose Assembly, ½" x 72" (10F-10F)
6	*A11443	1	Hose Assembly, ⅝" x 73" (12F-12F)
7	*A12756	1	Hose Assembly, ½" x 97" (10F-10F)
8	*A11448	1	Hose Assembly, ⅝" x 100" (12F-12F)
9	---	-	See “Hydraulic Motor Assembly” on page P195

*** Hydraulic hose is not stocked by Kinze Repair Parts.**

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(100659)


Valve Block - Located on R.H. Rear Center Frame
See “Valve Blocks - Located on R.H. Rear Center Frame” on page P189
35
35
31
27
27
R.H. Wing Lift Cylinder
R.H. Wing Lock Cylinder
Connect to Ram End of Marker Cylinder
Connect to Butt End of Marker Cylinder
28
27
Rotate Cylinder
6
6
26
See “Junction Block - Located on R.H. Side of Center Pivot” on page P186
Junction Block - Located on R.H. Side of Center Pivot
7
7
Tongue Cylinder
21
22



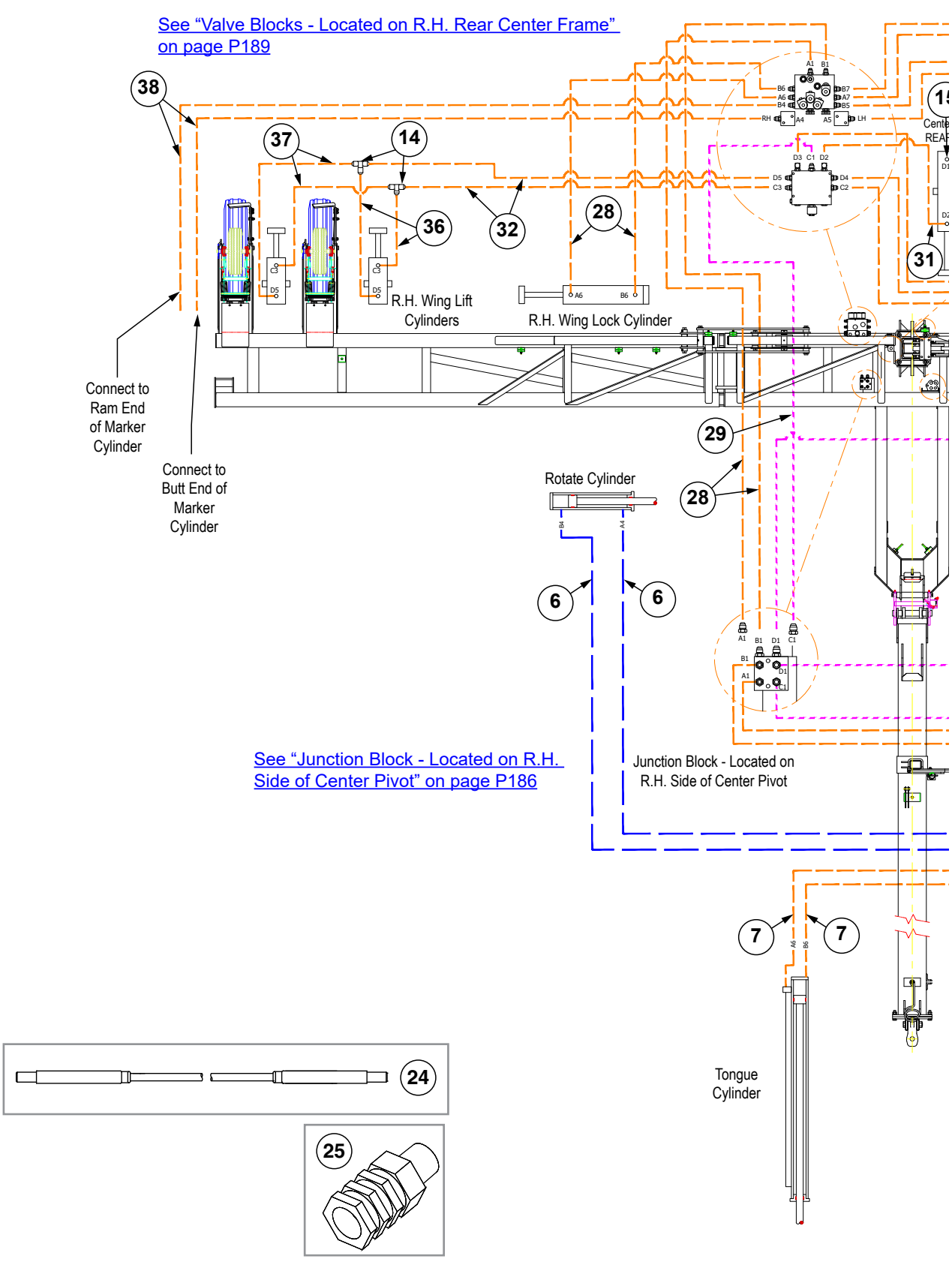
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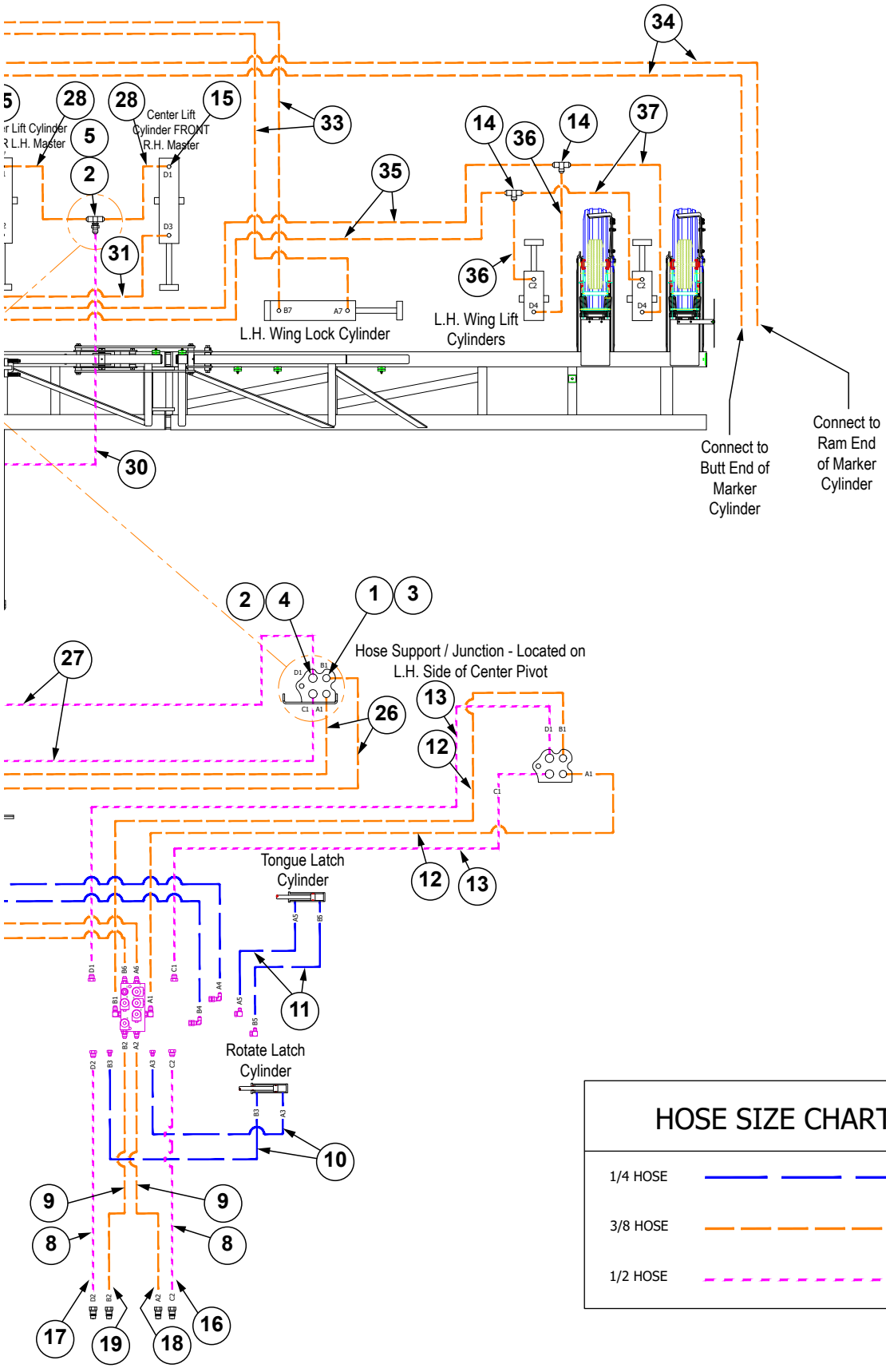
ITEM	PART NO.	QTY.	DESCRIPTION
1	G306-08	2	Lock Nut, ¾"-16
2	G306-10	3	Lock Nut, ⅞"-14
3	G2700-08	2	Bulkhead Tube Union, ¾"-16 Male JIC
4	G2700-10	2	Bulkhead Tube Union, ⅞"-14 Male JIC
5	G2703-08-08-10	1	Bulkhead Tee, ⅞"-14 Male JIC To ¾"-16 JIC
6	*A1116	2	Hose Assembly, ¼" x 136" (06F-06F)
7	*A3118	2	Hose Assembly, ⅜" x 80" (08F-08F)
8	*A18693-209	2	Hose Assembly, ½" x 209" (10F-1/2M NPTF W/Ext., W/Tip)
9	*A26936-209	2	Hose Assembly, ⅜" x 209" (08F-1/2M NPTF W/Ext., W/Tip)
10	*A1171	2	Hose Assembly, ¼" x 108" (06F-06F)
11	*A1139	2	Hose Assembly, ¼" x 40" (06F-06F)
12	*A1041	2	Hose Assembly, ⅜" x 130" (08F-08F)
13	*A1478	2	Hose Assembly, ½" x 128" (10F-10F)
14	6400-08 GR1037	4 -	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring O-Ring
15	GA26924-01	1	Hose Label/Cover, Red (Extend)
16	GA26924-02	1	Hose Label/Cover, Red (Retract)
17	GA26924-03	1	Hose Label/Cover, Blue (Extend)
18	GA26924-04	1	Hose Label/Cover, Blue (Retract)
19	---	---	---
20	---	---	---
21	GA6608	-	Cable Assembly
22	GD36866	-	Fitting, ½"
23	---	---	---
24	---	---	---
25	*A12090	2	Hose Assembly, ⅜" x 63" (08F-08F)
26	*A8267	2	Hose Assembly, ½" x 58" (10F-10F)
27	*A1076	6	Hose Assembly, ⅜" x 30" (08F-08F)
28	*A1424	1	Hose Assembly, ½" x 30" (10F-10F)
29	*A1404	1	Hose Assembly, ½" x 41" (10F-10F)
30	*A3131	2	Hose Assembly, ⅜" x 42" (08F-08F)
31	*A3154	2	Hose Assembly, ⅜" x 196" (08F-08F)
32	*A1055	2	Hose Assembly, ⅜" x 66" (08F-08F)
33	*A1033	2	Hose Assembly, ⅜" x 250" (08F-08F)
34	*A12042	2	Hose Assembly, ⅜" x 228" (08F-08F)
35	*A3117	2	Hose Assembly, ⅜" x 176" (08F-08F)

*** Hydraulic hose is not stocked by Kinze Repair Parts.**

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(100775)


See “Valve Blocks - Located on R.H. Rear Center Frame” on page P189
38
37
14
36
32
28
31
R.H. Wing Lift Cylinders
R.H. Wing Lock Cylinder
Connect to Ram End of Marker Cylinder
Connect to Butt End of Marker Cylinder
29
28
Rotate Cylinder
6
6
See “Junction Block - Located on R.H. Side of Center Pivot” on page P186
Junction Block - Located on R.H. Side of Center Pivot
7
7
Tongue Cylinder
24
25

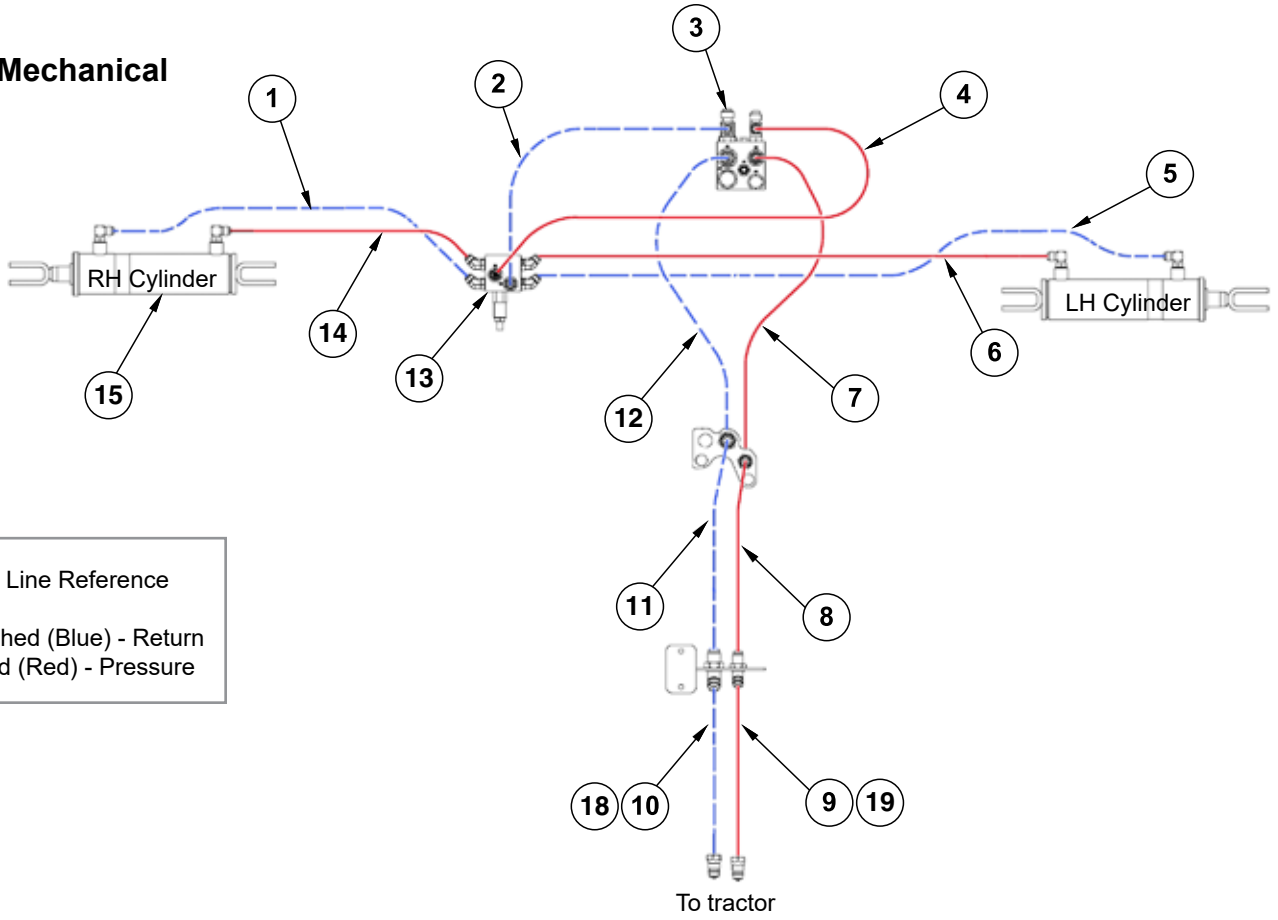

34
28
28
15
Center Lift Cylinder FRONT R.H. Master
5
2
33
14
36
14
37
35
31
36
L.H. Wing Lock Cylinder
L.H. Wing Lift Cylinders
30
Connect to Butt End of Marker Cylinder
Connect to Ram End of Marker Cylinder
2
4
1
3
Hose Support / Junction - Located on L.H. Side of Center Pivot
27
26
13
12
12
13
Tongue Latch Cylinder
11
Rotate Latch Cylinder
10
9
9
8
8
17
19
18
16
HOSE SIZE CHART
1/4 HOSE
3/8 HOSE
1/2 HOSE

ITEM	PART NO.	QTY.	DESCRIPTION
1	306-08	2	Lock Nut, ¾"-16
2	306-10	3	Lock Nut, ⅞"-14
3	2700-08	2	Bulkhead Tube Union, ¾"-16 Male JIC
4	2700-10	2	Bulkhead Tube Union, ⅞"-14 Male JIC
5	2703-08-08-10	1	Bulkhead Tee, ⅞"-14 Male JIC To ¾"-16 JIC
6	A1116	2	Hose Assembly, ¼" x 136" (06F-06F)
7	A3118	2	Hose Assembly, ⅜" x 80" (08F-08F)
8	A18693-268	2	Hose Assembly, ½" x 268" (10F-1/2M NPTF W/Ext., W/Tip)
9	A26936-269	2	Hose Assembly, ⅜" x 269" (08F-1/2M NPTF W/Ext, W/Tip)
10	A1129	2	Hose Assembly, ¼" x 168" (06F-06F)
11	A1139	2	Hose Assembly, ¼" x 40" (06F-06F)
12	A1041	2	Hose Assembly, ⅜" x 130" (08F-08F)
13	A1478	2	Hose Assembly, ½" x 128" (10F-10F)
14	2603-08	4	Tee, ¾"-16 Male JIC
15	6400-08 GR1037	4 -	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring O-Ring
16	A26924-01	1	Hose Label/Cover, Red (Extend)
17	A26924-02	1	Hose Label/Cover, Red (Retract)
18	A26924-03	1	Hose Label/Cover, Blue (Extend)
19	A26924-04	1	Hose Label/Cover, Blue (Retract)
20	---	---	---
21	---	---	---
22	---	---	---
23	---	---	---
24	GA6608	-	Cable Guide
25	GD36866	-	Fitting, ½"
26	A12090	2	Hose Assembly, ⅜" x 63" (08F-08F)
27	A8267	2	Hose Assembly, ½" x 58" (10F-10F)
28	A1076	6	Hose Assembly, ⅜" x 30" (08F-08F)
29	A1424	1	Hose Assembly, ½" x 30" (10F-10F)
30	A1404	1	Hose Assembly, ½" x 41" (10F-10F)
31	A3131	2	Hose Assembly, ⅜" x 42" (08F-08F)
32	A1057	2	Hose Assembly, ⅜" x 216" (08F-08F)
33	A1055	2	Hose Assembly, ⅜" x 66" (08F-08F)
34	A1097	2	Hose Assembly, ⅜" x 288" (08F-08F)
35	A1034	2	Hose Assembly, ⅜" x 272" (08F-08F)
36	A3122	4	Hose Assembly, ⅜" x 10½" (08F-08F)
37	A1018	4	Hose Assembly, ⅜" x 40" (08F-08F)
38	A12041	2	Hose Assembly, ⅜" x 244" (08F-08F)

*** Hydraulic hose is not stocked by Kinze Repair Parts.**

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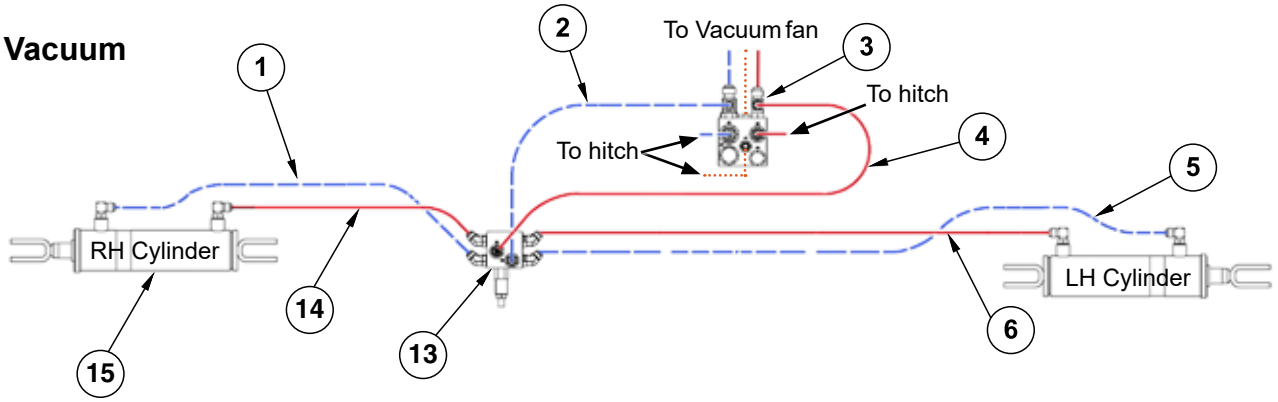
Mechanical



Line Reference

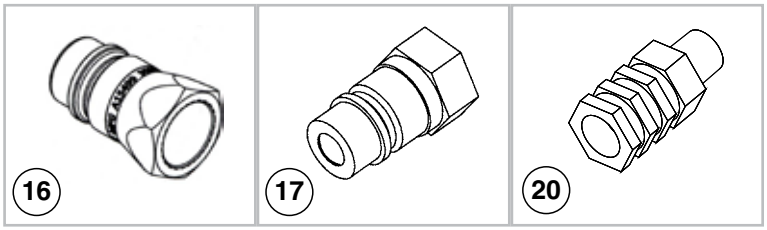
Dashed (Blue) - Return
Solid (Red) - Pressure

Vacuum



Line Reference

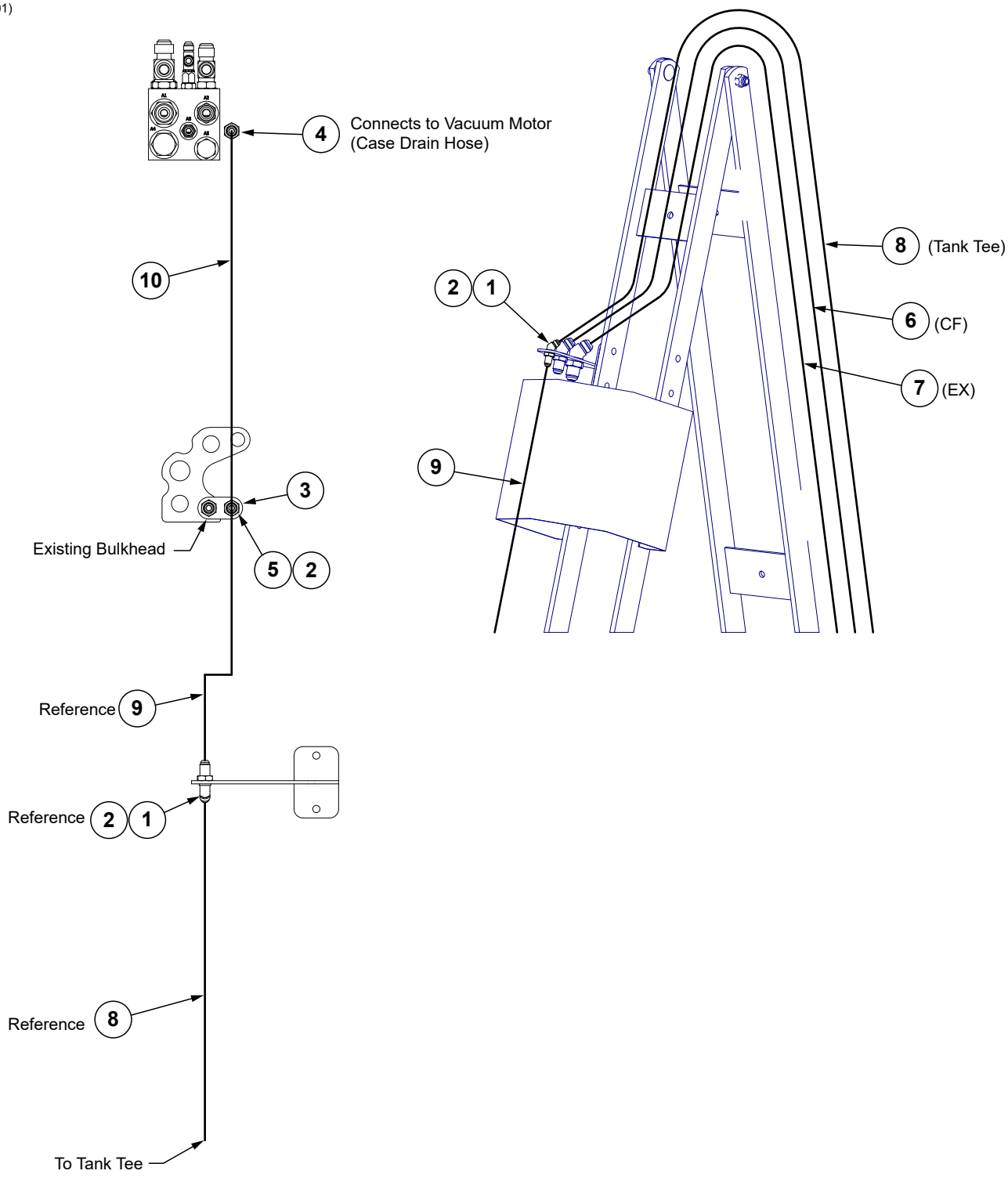
Dashed (Blue) - Return
Solid (Red) - Pressure
Dotted (Orange) - Case Drain



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A1021	1	Hose Assembly, ⅜" x 56" (08F-08F)
2	*A12752	1	Hose Assembly, ½" x 23" (10F-12F)
3	---	-	See “Junction/Valve Blocks - Located on R.H. Rear Center Frame” on page P187
4	*A12085	1	Hose Assembly, ⅜" x 26" (08F-10F)
5	*A12076	1	Hose Assembly, ⅜" x 165" (08F-08F)
6	*A3117	1	Hose Assembly, ⅜" x 176" (08F-08F)
7	*A1464	1	Hose Assembly, ½" x 72" (10F-10F)
8	*A12751	1	Hose Assembly, ½" x 142½" (10F-10F)
9	*A18693-206 *A18693-268	1 -	Hose Assembly, ½" x 206" (10F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, ½" x 268" (10F-1/2M NPTF W/Ext., W/Tip), 16 Row
10	*A21548-206 *A21548-266	1 -	Hose Assembly, ⅝" x 206" (12F-1/2M NPTF W/Ext., W/Tip), 12 Row Hose Assembly, ⅝" x 266" (12F-1/2M NPTF W/Ext., W/Tip), 16 Row
11	*A11442	1	Hose Assembly, ⅝" x 137½" (12F-12F)
12	*A11443	1	Hose Assembly, ⅝" x 73" (12F-12F)
13	---	-	See “Wing Down Pressure Valve Block” on page P193
14	*A3158	1	Hose Assembly, ⅜" x 46" (08F-08F)
15	---	-	See “Wing Down Pressure Cylinder” on page P182
16	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
17	GD4086	-	ISO Coupler
18	GA26924-08	-	Hose Label/Cover, Yellow (Retract)
19	GA26924-07	-	Hose Label/Cover, Yellow (Extend)
20	GD36866	-	Fitting, ½"

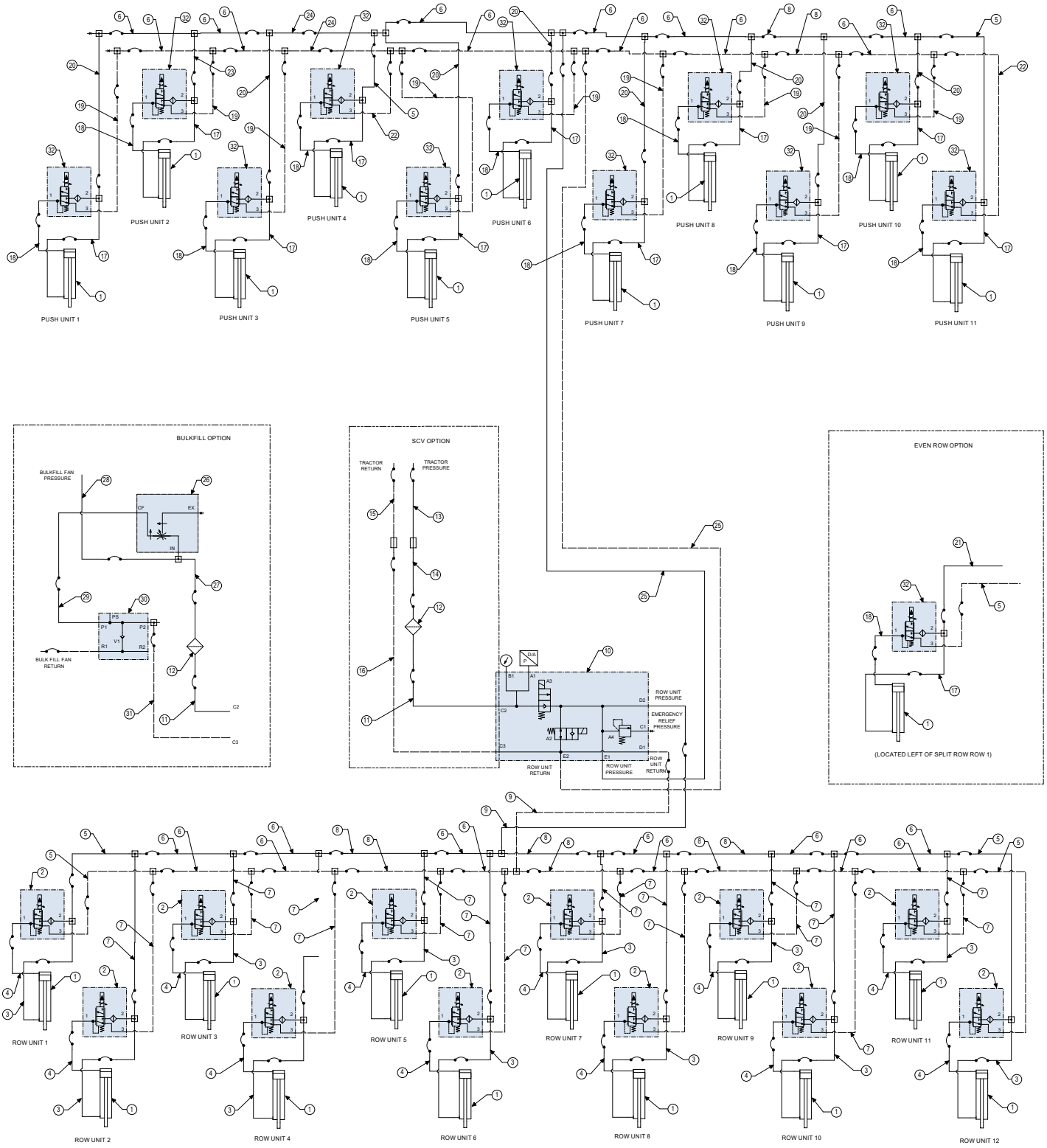
*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(10217901)


4
Connects to Vacuum Motor
(Case Drain Hose)
10
3
Existing Bulkhead
5
2
Reference 9
Reference 2 1
Reference 8
To Tank Tee
2 1
9
8 (Tank Tee)
6 (CF)
7 (EX)

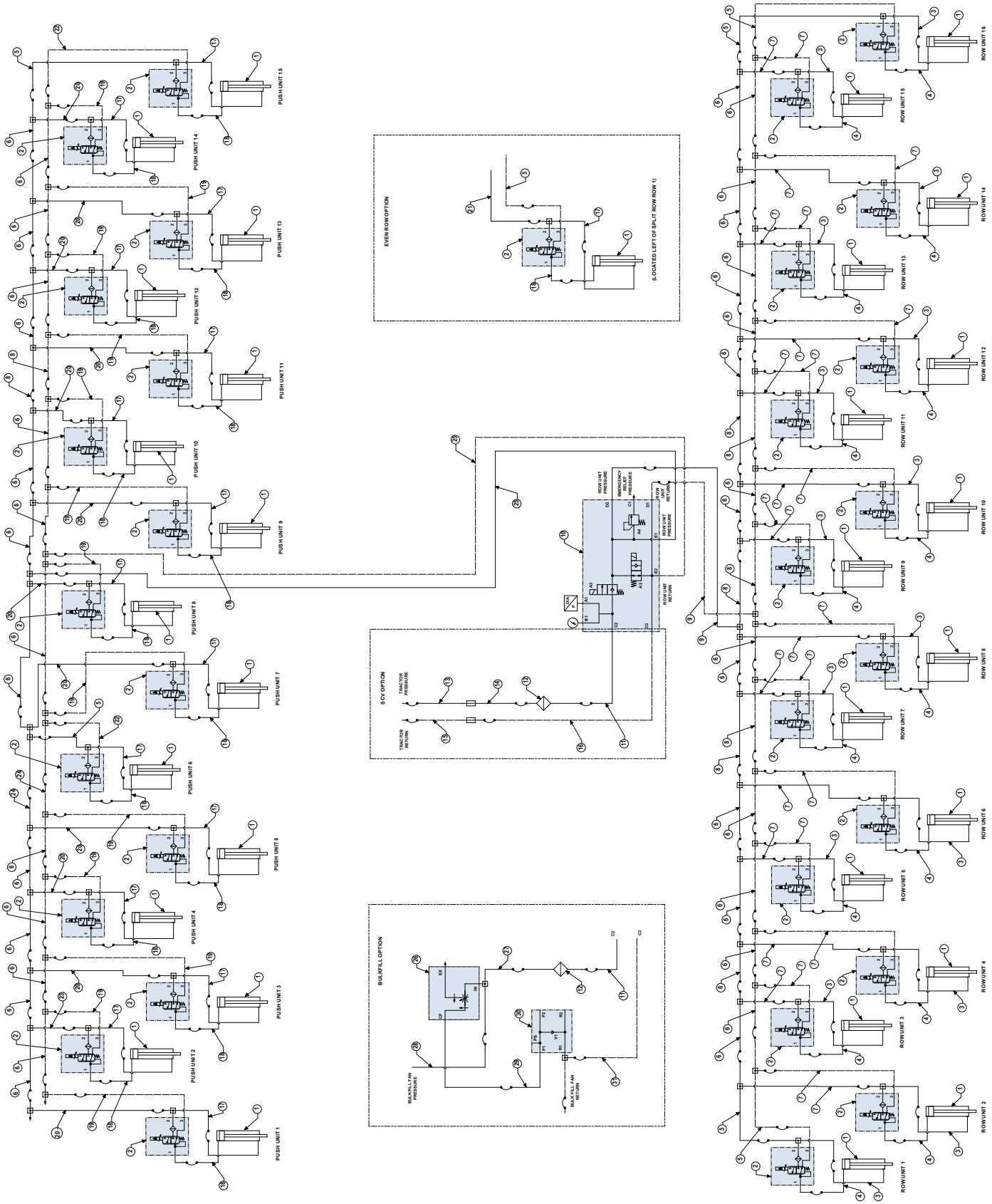
ITEM	PART NO.	QTY.	DESCRIPTION
1	G2702-06	1	Bulkhead Elbow, 45°, 9/16"-18 Male JIC
2	G306-06	2	Lock Nut, 9/16"-18
3	G10217801	1	Bulkhead Mount Bracket (Bulk Fill Only)
4	G2403-06	1	Union, 9/16"-18 Male JIC (Bulk Fill Only)
5	G2700-06-06	1	Bulkhead Tube Union, 9/16"-18 Male JIC
6	*A25706-82 *A25706-142	1	Hose Assembly, 1/2" x 82" (10F - 10F90S), 12 Row Hose Assembly, 1/2" x 142" (10F - 10F90S), 16 Row
7	*A21554-84 *A21554-144	1	Hose Assembly, 5/8" x 84" (10F90S - 12F), 12 Row Hose Assembly, 5/8" x 144" (10F90S - 12F), 16 Row
8	*A15092-86 *A15092-146	1	Hose Assembly, 3/8" x 86" (06F - 08F), 12 Row Hose Assembly, 3/8" x 146" (06F - 08F), 16 Row
9	*A12096	1	Hose Assembly, 3/8" x 140" (06F-08F)
10	*A12094	1	Hose Assembly, 3/8" x 73" (06F-06F)

*** Hydraulic hose is not stocked by Kinze Repair Parts.**


PUSH UNIT 1
PUSH UNIT 2
PUSH UNIT 3
PUSH UNIT 4
PUSH UNIT 5
PUSH UNIT 6
PUSH UNIT 7
PUSH UNIT 8
PUSH UNIT 9
PUSH UNIT 10
PUSH UNIT 11
BULKFILL OPTION
BULKFILL FAN PRESSURE
BULK FILL FAN RETURN
SCV OPTION
TRACTOR RETURN
TRACTOR PRESSURE
ROW UNIT PRESSURE
EMERGENCY RELIEF PRESSURE
ROW UNIT RETURN
EVEN ROW OPTION
(LOCATED LEFT OF SPLIT ROW ROW 1)
ROW UNIT 1
ROW UNIT 2
ROW UNIT 3
ROW UNIT 4
ROW UNIT 5
ROW UNIT 6
ROW UNIT 7
ROW UNIT 8
ROW UNIT 9
ROW UNIT 10
ROW UNIT 11
ROW UNIT 12
KEY
PRESSURE
RETURN
CASE DRAIN

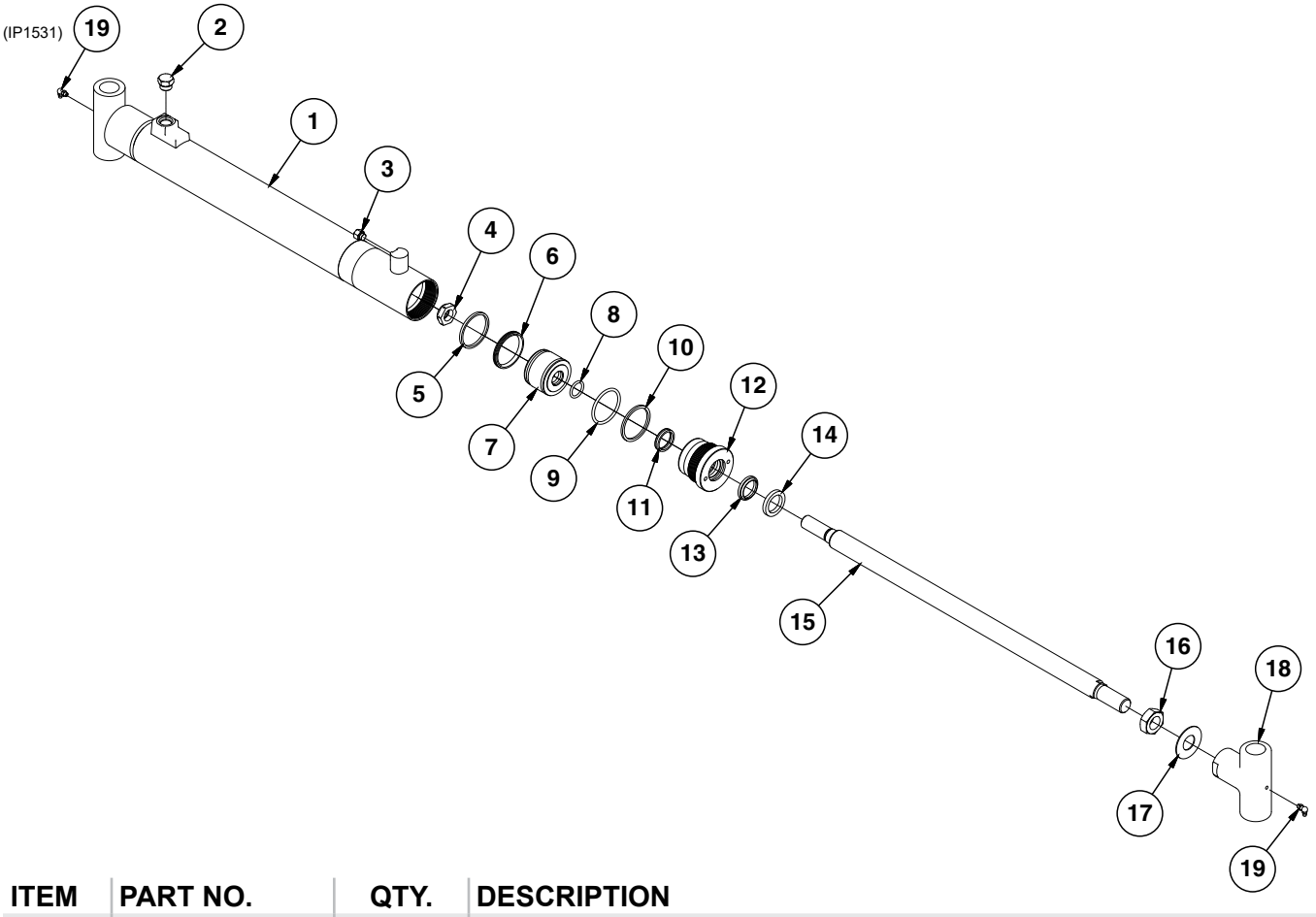
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10983402	24	See “Hydraulic Down Force Cylinder” on page P185
2	---	12	See “Row Unit Control Block, Pull Row Units” on page P204
3	*A7677-20	12	Hose Assembly, ¼" x 20" (04F - 04F STD 90)
4	*A7678-13	12	Hose Assembly, ¼" x 13" (04F-04F)
5	*A7680-35	7	Hose Assembly, ¼" X 35" (04F 90S-06F)
6	*A12038	24	Hose Assembly, ⅜" x 30" (06F-06F)
7	*A7680-14	20	Hose Assembly, ¼" x 14" (04F-04F)
8	*A15081-36	8	Hose Assembly, ⅜" x 36" (06F-06F)
9	*A25504-30	2	Hose Assembly, ⅜" x 30" (06F-08F90S)
10	---	1	See “Hydraulic Down Force Manifold Block” on page P203
11	*A18671-30	2	Hose Assembly, ½" x 30" (08F-08F90S)
12	*A25857	2	See “Hydraulic Down Force Manifold Block and In-Line Filter Assembly” on page P201
13	*A18695-334	1	Hose Assembly, ½" x 334" (08F-1/2M NPTF W/Ext., W/Tip)
14	*A18667-160	1	Hose Assembly, ½" x 160" (08F-08F)
15	*A21550-334	1	Hose Assembly, ⅝" x 334" (10F-1/2M NPTF W/Ext., W/Tip)
16	*A21530-160	1	Hose Assembly, ⅝" x 160" (10F-10F)
17	*A7678-19	12	Hose Assembly, ¼" x 19" (04F-04F)
18	*A7680-20	12	Hose Assembly, ¼" x 20" (04F-06F)
19	*A7682-11	9	Hose Assembly, ¼" x 11" (04L90F-06F)
20	*A7680-11	8	Hose Assembly, ¼" x 11" (04F-06F)
21	*A7681-35	1	Hose Assembly, ¼" x 35" (04F90S-06F)
22	*A7682-35	2	Hose Assembly, ¼" x 35" (04L90F-06F)
23	*A7681-28	1	Hose Assembly, ¼" x 28" (04F 90S-06F)
24	*A12080	2	Hose Assembly, ⅜" x 64" (06F-06F)
25	*A25690-48	2	Hose Assembly, ⅜" X 48" (06F-08F STD 90)
26	GA10918	1	Flow Control Valve
27	*A18683-37	1	Hose Assembly, ½" x 37" (10F-10F90S)
28	*A1408	1	Hose Assembly, ½" x 36" (10M-10F)
29	*A1464	1	Hose Assembly, ½" x 72" (10F-10F)
30	---	1	See “Bulk Fill Fan Valve Block” on page P199
31	*A25503	1	Hose Assembly, ⅝" x 60" (10F-12F)
32	---	12	See “Row Unit Control Block, Push Row Units” on page P205

*** Hydraulic hose is not stocked by Kinze Repair Parts.**


PUSH UNIT 15
PUSH UNIT 14
PUSH UNIT 13
PUSH UNIT 12
PUSH UNIT 11
PUSH UNIT 10
PUSH UNIT 9
PUSH UNIT 8
PUSH UNIT 7
PUSH UNIT 6
PUSH UNIT 5
PUSH UNIT 4
PUSH UNIT 3
PUSH UNIT 2
PUSH UNIT 1
EVEN ROW OPTION
(LOCATED LEFT OF SPLIT ROW ROW 1)
SCV OPTION
TRACTION PRESSURE
TRACTION RETURN
ROW UNIT PRESSURE
EMERGENCY RELIEF PRESSURE
ROW UNIT RETURN
BULKFILL OPTION
BULKFILL FAN PRESSURE
BULK FILL FAN RETURN
ROW UNIT 16
ROW UNIT 15
ROW UNIT 14
ROW UNIT 13
ROW UNIT 12
ROW UNIT 11
ROW UNIT 10
ROW UNIT 9
ROW UNIT 8
ROW UNIT 7
ROW UNIT 6
ROW UNIT 5
ROW UNIT 4
ROW UNIT 3
ROW UNIT 2
ROW UNIT 1

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10983402	32	See “Hydraulic Down Force Cylinder” on page P185
2	---	32	See “Row Unit Control Block, Pull Row Units” on page P204
3	*A7677-20	16	Hose Assembly, ¼" x 20" (04F - 04F STD 90)
4	*A7678-13	16	Hose Assembly, ¼" x 13" (04F-04F)
5	*A7680-35	7	Hose Assembly, ¼" X 35" (04F 90S-06F)
6	*A12038	40	Hose Assembly, ⅜" x 30" (06F-06F)
7	*A7680-14	28	Hose Assembly, ¼" x 14" (04F-04F)
8	*A15081-36	8	Hose Assembly, ⅜" x 36" (06F-06F)
9	*A25504-30	8	Hose Assembly, ⅜" x 30" (06F-08F90S)
10	---	1	See “Hydraulic Down Force Manifold Block” on page P203
11	*A18671-30	2	Hose Assembly, ½" x 30" (08F-08F90S)
12	*A25857	2	See “Hydraulic Down Force Manifold Block and In-Line Filter Assembly” on page P201
13	*A18695-400	1	Hose Assembly, ½" x 400" (08F-1/2M NPTF W/Ext., W/Tip)
14	*A18667-160	1	Hose Assembly, ½" x 160" (08F-08F)
15	*A21550-400	1	Hose Assembly, ⅝" x 400" (10F-1/2M NPTF W/Ext., W/Tip)
16	*A21530-160	1	Hose Assembly, ⅝" x 160" (10F-10F)
17	*A7678-19	16	Hose Assembly, ¼" x 19" (04F-04F)
18	*A7678-20	16	Hose Assembly, ¼" x 20" (04F-06F)
19	*A7682-11	13	Hose Assembly, ¼" x 11" (04L90F-06F)
20	*A7680-9	12	Hose Assembly, ¼" x 9" (04F-06F)
21	*A7681-35	1	Hose Assembly, ¼" x 35" (04F90S-06F)
22	*A7682-35	2	Hose Assembly, ¼" x 35" (04L90F-06F)
23	*A7681-28	1	Hose Assembly, ¼" x 28" (04F 90S-06F)
24	*A12080	2	Hose Assembly, ⅜" x 64" (06F-06F)
25	*A25690-48	2	Hose Assembly, ⅜" X 48" (06F-08F STD 90)
26	*A10918	1	Flow Control Valve
27	*A18683-37	1	Hose Assembly, ½" x 37" (10F-10F90S)
28	*A1408	1	Hose Assembly, ½" x 36" (10M-10F)
29	*A1464	1	Hose Assembly, ½" x 72" (10F-10F)
30	---	1	See “Bulk Fill Fan Valve Block” on page P199
31	*A25503	1	Hose Assembly, ⅝" x 60" (10F-12F)

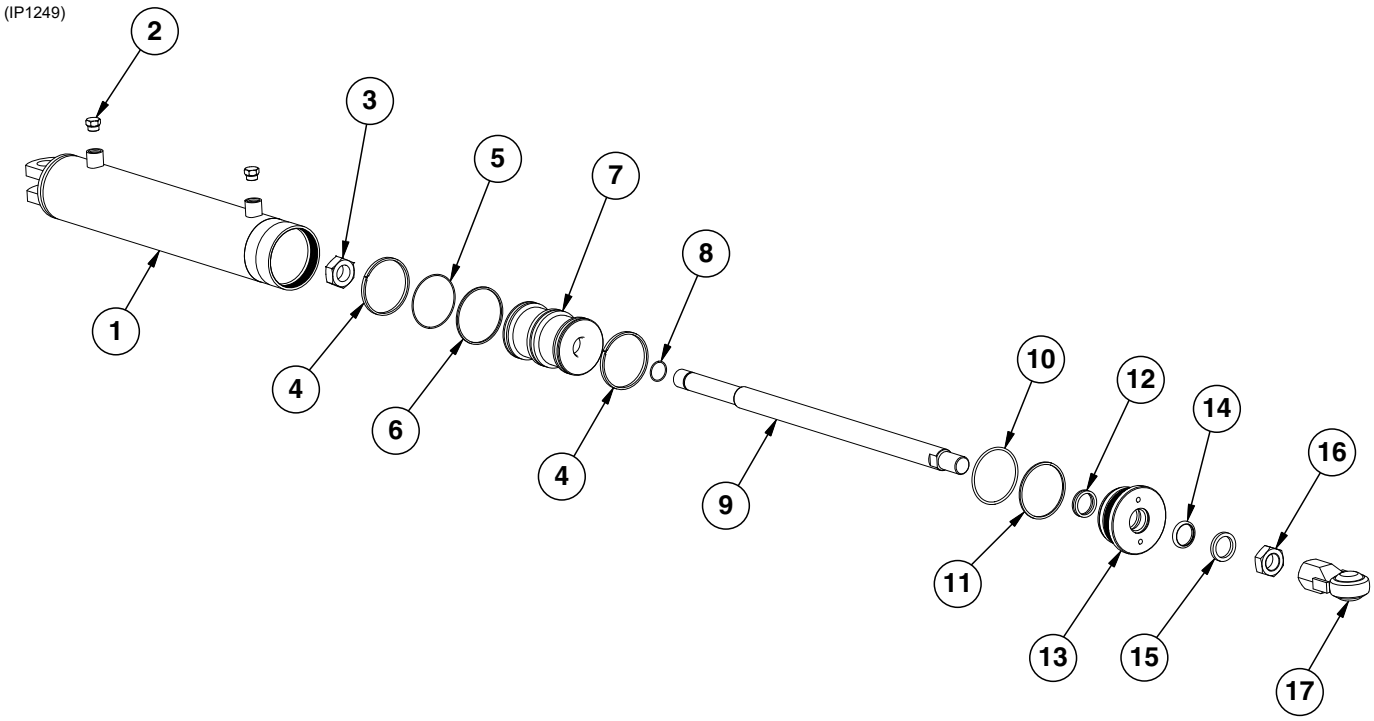
*** Hydraulic hose is not stocked by Kinze Repair Parts.**



ITEM	PART NO.	QTY.	DESCRIPTION
1	A14631	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	1	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
3	G6408-04 GR1465	1	Plug W/O-Ring, 7⁄16"-20 O-Ring O-Ring
4	GD27234	1	Nylon Lock Nut, ⅞"-14, Grade 8
5	*D12012	1	Piston Ring
6	*A24473	1	BP Seal
7	GD30264	1	Piston
8	*D30262	1	O-Ring, No. 213
9	*D12212	1	O-Ring, No. 330
10	*D12213	1	Back-Up Ring
11	*D12251	1	U-Cup
12	GD10207	1	Gland
13	*D12210	1	Wiper
14	GD12102	1	Ring, 1¼"
15	GD30263	1	Rod
16	G10324	1	Hex Jam Nut, 1"-14, Grade 2
17	GD23002	1	Locking Device
18	GD14308	1	Threaded Sleeve End
19	G10779	2	Grease Fitting, 90°, ¼"-28
A	GA21030	--	Cylinder Complete, 2½" x 20" *(Part Number Stamped On Barrel)*
B	GR1925	1	Seal Kit, Includes: (2) O-Rings, (1) Back-Up Ring, (1) U-Cup, (1) Wiper, (1) Piston Ring, (1) T-Seal

* Item is part of seal kit, item can not be purchased individually.

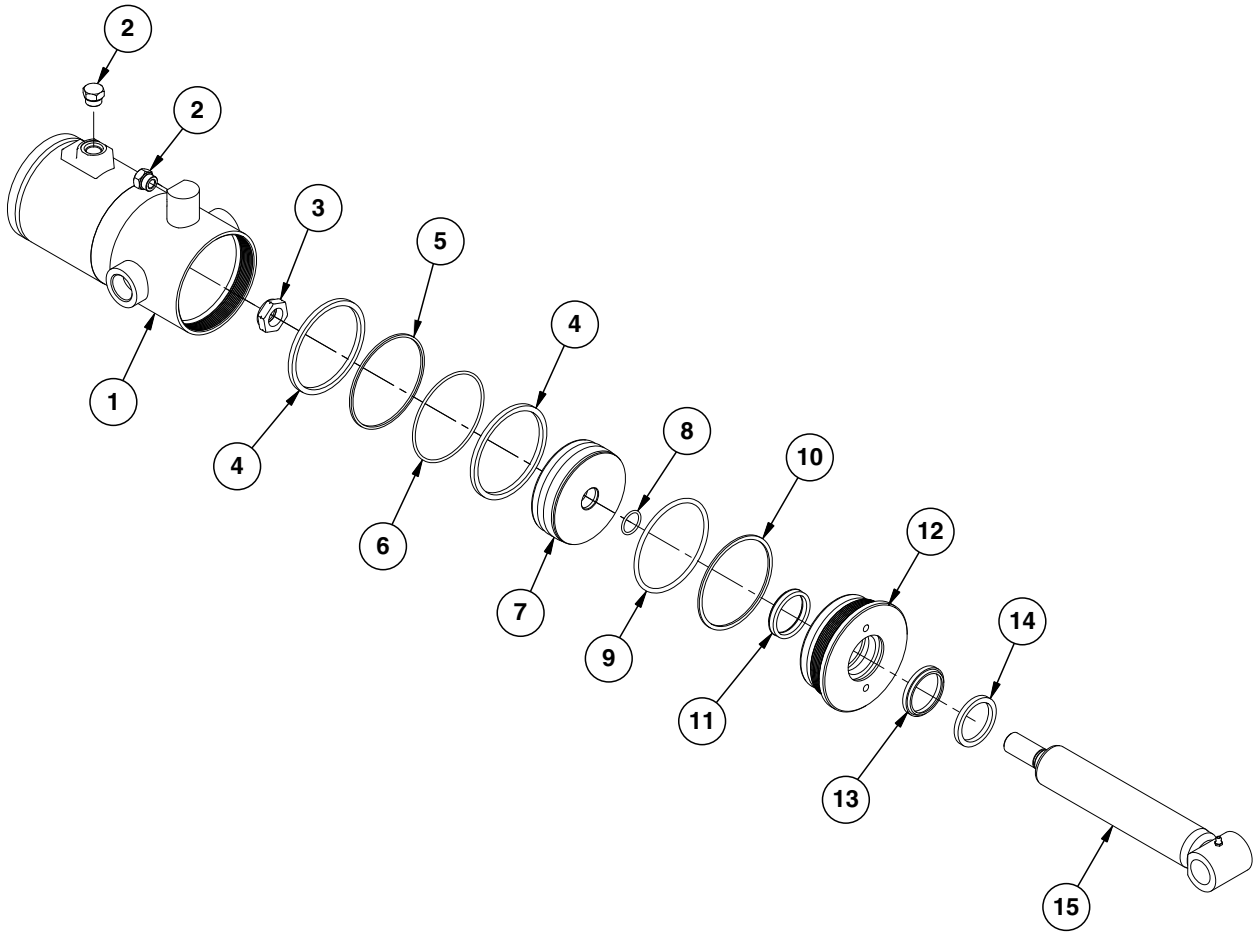
(IP1249)



ITEM	PART NO.	QTY.	DESCRIPTION
1	A7220	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	2 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
3	G10972	1	Lock Nut, 1¼"-12
4	*D12040	2	Cast Iron Ring
5	*D12072	1	Piston Seal
6	*D12224	1	Expander
7	GD11992	1	Piston
8	*D12223	1	O-Ring
9	GD11991	1	Rod
10	*D12221	1	O-Ring
11	*D12222	1	Backup Ring
12	*D12252	1	U-Cup
13	GD11988	1	Gland
14	*D12206	1	Wiper
15	GD12103	1	Ring
16	G11896	1	Hex Jam Nut, 1¼"-12, Grade 5
17	GA7221	1	Threaded Ball Joint End
A	GA8904	-	Cylinder Complete, 4" x 16" *(Part Number Stamped On Barrel)*
B	GR1524	-	Seal Kit, Includes: (2) O-Rings, (1) U-Cup, (1) Wiper, (1) Seal, (2) Cast Iron Rings, (1) Backup Ring, (1) Expander

* Item is part of seal kit, item can not be purchased individually.

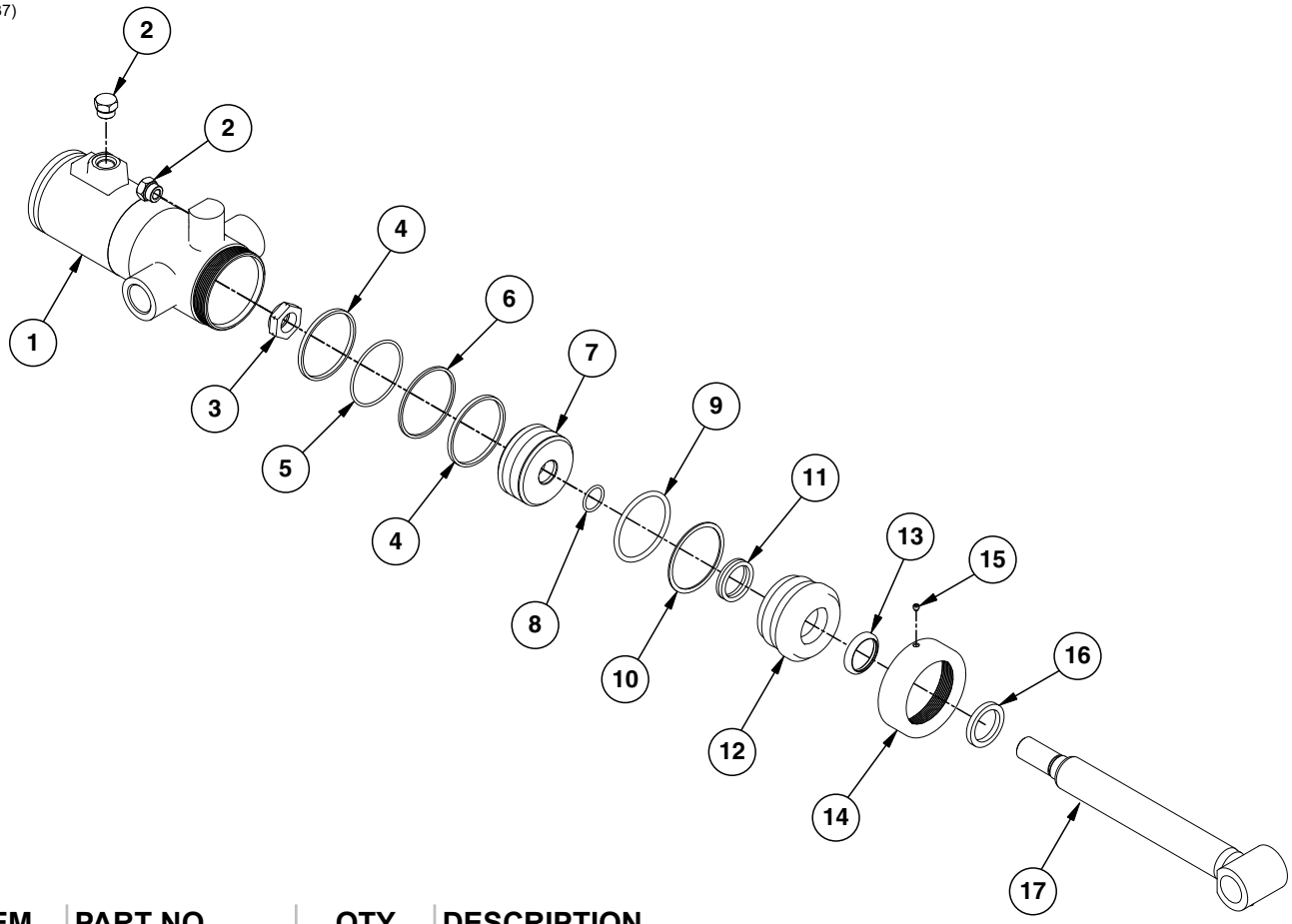
(IP1538)



ITEM	PART NO.	QTY	DESCRIPTION
1	A14278	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	2 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
3	GD27235	1	Nylon Lock Nut, 1"-14, Grade 8
4	*D12092	2	Cast Iron Piston Ring
5	*D12093	1	Piston Seal
6	*D12248	1	Energizer Seal
7	GD29651	1	Piston
8	*D29649	1	O-Ring, No. 215
9	*D12246	1	O-Ring, No. 348
10	*D12247	1	Back-up Ring
11	*D12255	1	U-Cup
12	GD12572	1	Gland
13	*D12240	1	Wiper, 2"
14	GD12106	1	Ring
15	GA20773 GA21590	1 -	Rod, **Style A (Part Number Stamped On Barrel - A20772)** Rod, **Style B (Part Number Stamped On Barrel - A21589)**
A	GA20772 GA21589	-- --	Cylinder Complete, 4¾" x 6" *(Part Number Stamped On Barrel),* **Style A** Cylinder Complete, 4¾" x 6.19" *(Part Number Stamped On Barrel),* **Style B**
B	GR2224	1	Seal Kit, Includes: (1)Wiper, (2) O-Rings, (1) Back-up Ring, (1) U-Cup, (1) Seal, (2) Cast Iron Rings, (1)Energizer Seal

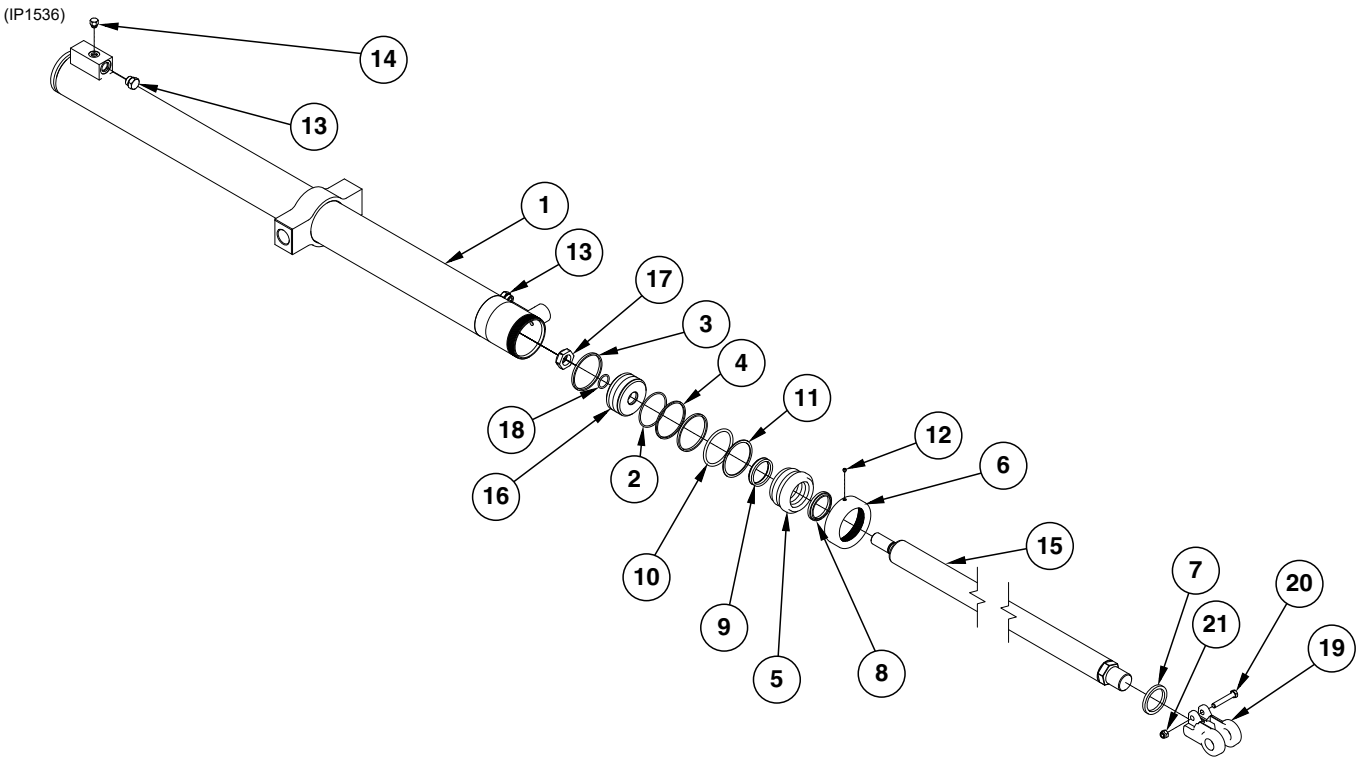
* Item is part of seal kit, item can not be purchased individually.

(IP1537)



ITEM	PART NO.	QTY	DESCRIPTION
1	GA9467	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	2 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
3	GD27235	1	Nylon Lock Nut, 1”-14, Grade 8
4	*D12110	2	Cast Iron Piston Ring
5	*D12108	1	Piston Seal
6	*D12257	1	Energizer Seal
7	GD30697	1	Piston
8	*D29649	1	O-Ring, No. 215
9	*D12227	1	O-Ring, No. 336
10	*D12228	1	Back-Up Ring
11	*D12252	1	U-Cup
12	GD13302	1	Gland
13	*D12206	1	Wiper, 1½"
14	GD13303 G10907	1 1	Cap Set Screw, ¼"-20 x ¼"
15	G10907	1	Set Screw, ¼”-20 x ¼”
16	GD12103	1	Ring
17	GA21592	1	Rod
A	GA21591	--	Cylinder Complete, 3¼" x 6.19" *(Part Number Stamped On Barrel)*
B	GR1573	--	Seal Kit, Includes: (1)Wiper, (2) O-Rings, (1) Back-up Ring, (1) U-Cup, (1) Seal, (2) Cast Iron Rings, (1)Energizer Seal

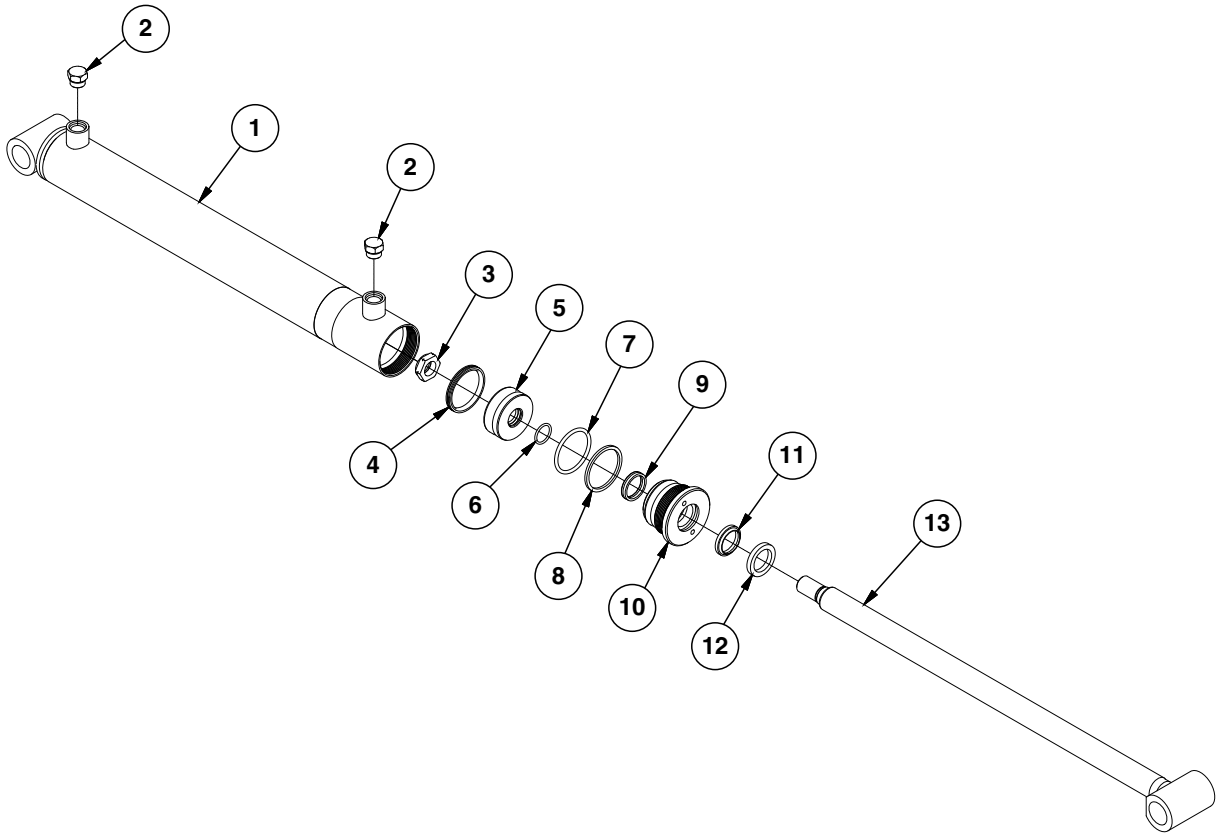
* Item is part of seal kit, item can not be purchased individually.


(IP1536)
14
13
1
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ITEM	PART NO.	QTY.	DESCRIPTION
1	A14275	1	Barrel **(Non-Stock Item)**
2	*D12108	1	Piston Seal
3	*D12110	2	Cast Iron Ring
4	*D12257	1	Expander
5	GD30881 GD13307	1 1	Gland, 12 Row Gland, 16 Row
6	GD13303	1	Cap
7	GD12106	1	Ring
8	*D12218 *D12240	1 1	Wiper, 12 Row Wiper, 16 Row
9	*D12254 *D12255	1 1	U-Cup, 12 Row U-Cup, 16 Row
10	*D12227	1	O-Ring
11	*D12228	1	Backup Ring
12	G10907	1	Set Screw, ¼"-20 x ¼"
13	G6408-08 GR1037	2 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
14	G6408-04 GR1465	1	Plug W/O-Ring, 7⁄16"-20 O-Ring O-Ring
15	GD30880 GD30696	1 1	Rod, 12 Row Rod, 16 Row
16	GD30697	1	Piston
17	GD27235	1	Nylon Lock Nut, 1"-14, Grade 8
18	*D29649	1	O-Ring, No. 215
19	GD30860	1	Clevis Rod
20	G10939	1	Hex Head Cap Screw, ⅜"-16 x 2¼"
21	G10108	1	Lock Nut, ⅜"-16
A	GA21813 GA21627	---	Cylinder Complete, 3¼" x 48" *(Part Number Stamped On Barrel)*, 12 Row Cylinder Complete, 3¼" x 48" *(Part Number Stamped On Barrel)*, 16 Row
B	GR2234 GR2230	--- ---	Seal Kit (12 Row), Includes: (1) Wiper, (1) Loaded U-Cup, (6) O-Rings, (3) BU Rings, (1) Piston Seal, (1) Energizer Seal, (1) Piston Ring Seal Kit (16 Row), Includes: (1) Wiper, (1) Loaded U-Cup, (6) O-Rings, (4) BU Rings, (1) Piston Seal, (1) Energizer Seal, (1) Piston Ring
* Item is part of seal kit, item can not be purchased individually.			

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(IP1533)

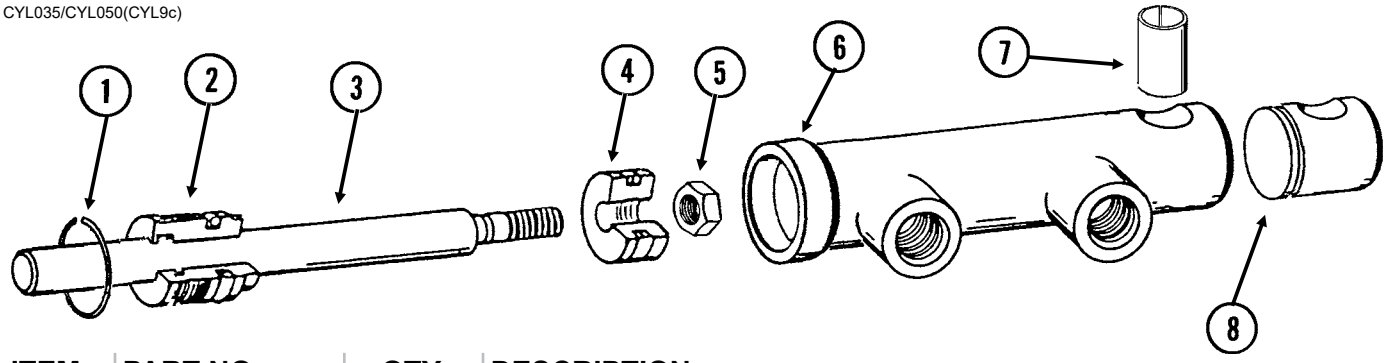


ITEM	PART NO.	QTY.	DESCRIPTION
1	A8822	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	2 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
3	GD27234	1	Nylon Lock Nut, ⅞”-14, Grade 8
4	*A24473	1	BP Seal
5	GD30401	1	Piston
6	*D30399	1	O-Ring, No. 119
7	*D12212	1	O-Ring, No. 330
8	*D12213	1	Back--Up Ring
9	*D12251	1	U-Cup
10	GD11985	1	Gland
11	*D12210	1	Wiper
12	GD12102	1	Ring
13	GA21114	1	Rod
A	GA21115	--	Cylinder Complete, 2½” x 20 1/16” *(Part Number Stamped On Barrel)*
B	GR1522	--	Seal Kit, Includes: (1) BP Seal, (2) O-Rings, (1) Backup Ring, (1) U-Cup, (1) Wiper

* Item is part of seal kit, item can not be purchased individually.

Transport Latch Cylinder

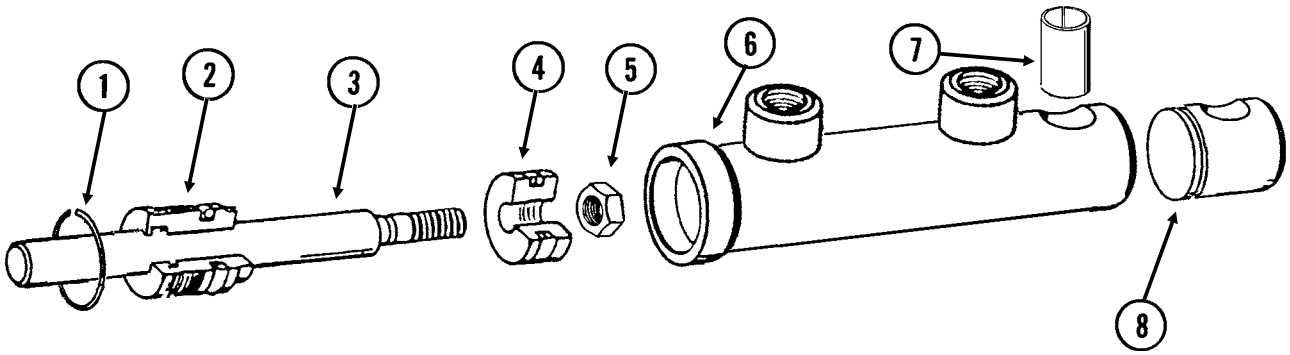
CYL035/CYL050(CYL9c)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10770	1	Internal Retaining Ring, 1 11⁄16"
2	GD13170	1	Gland
3	GD13425	1	Rod
4	GD13172	1	Piston
5	GD27232	1	Nylon Lock Nut, ½"-20, Grade 8
6	D13426	1	Barrel **(Non-Stock Item)**
7	GD13400	1	Tension Bushing, 1" x 2" Long
8	GD13173	1	End Cap
A	GA9559	-	Cylinder Complete, 1½" x 2½" *(Part Number Stamped On Barrel)*
B	GR1598	-	Seal Kit, Includes: (3) O-Rings, (2) BU Rings, (1) Wiper, (1) T-Seal, (1) Bronze Bushing, (1) Seal, (1) U-Cup

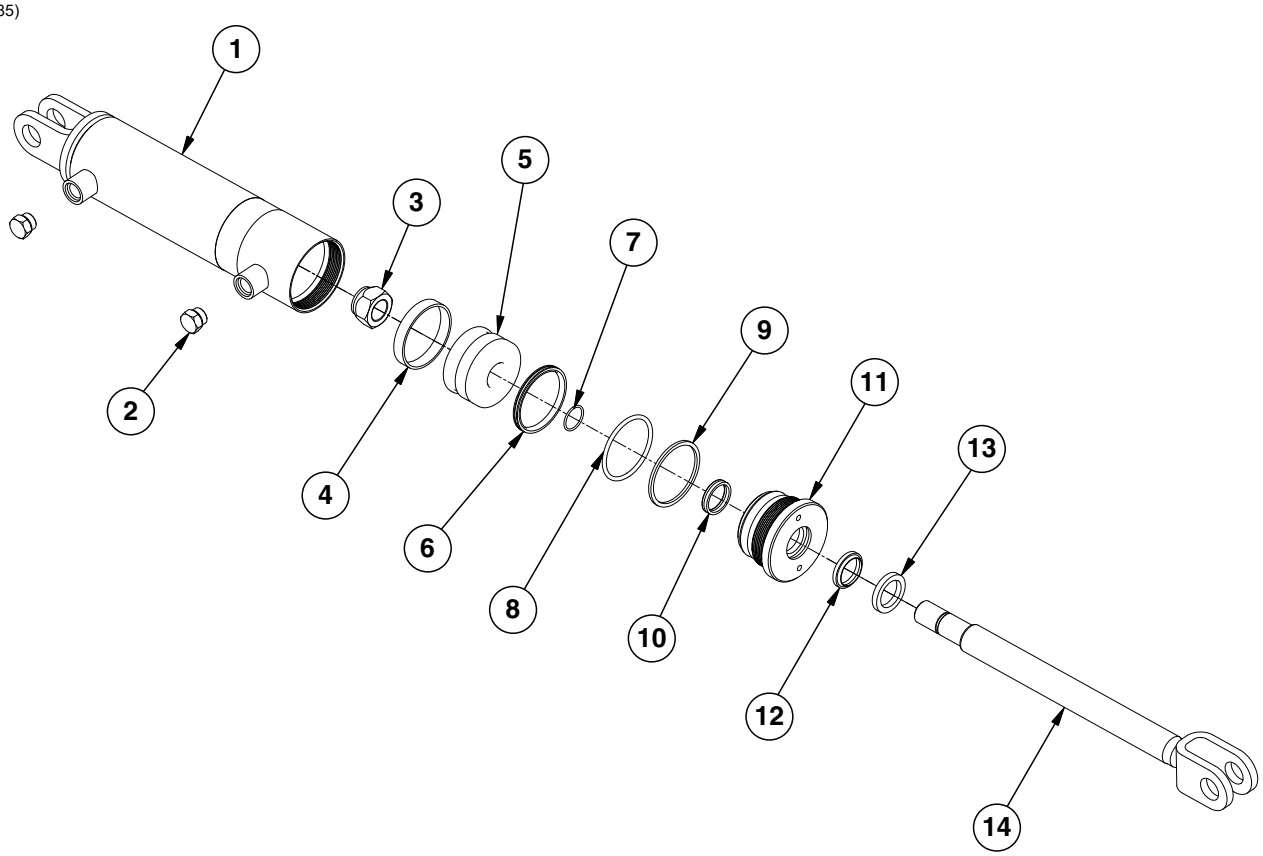
Tongue Lock Cylinder

CYL035(CYL9d)



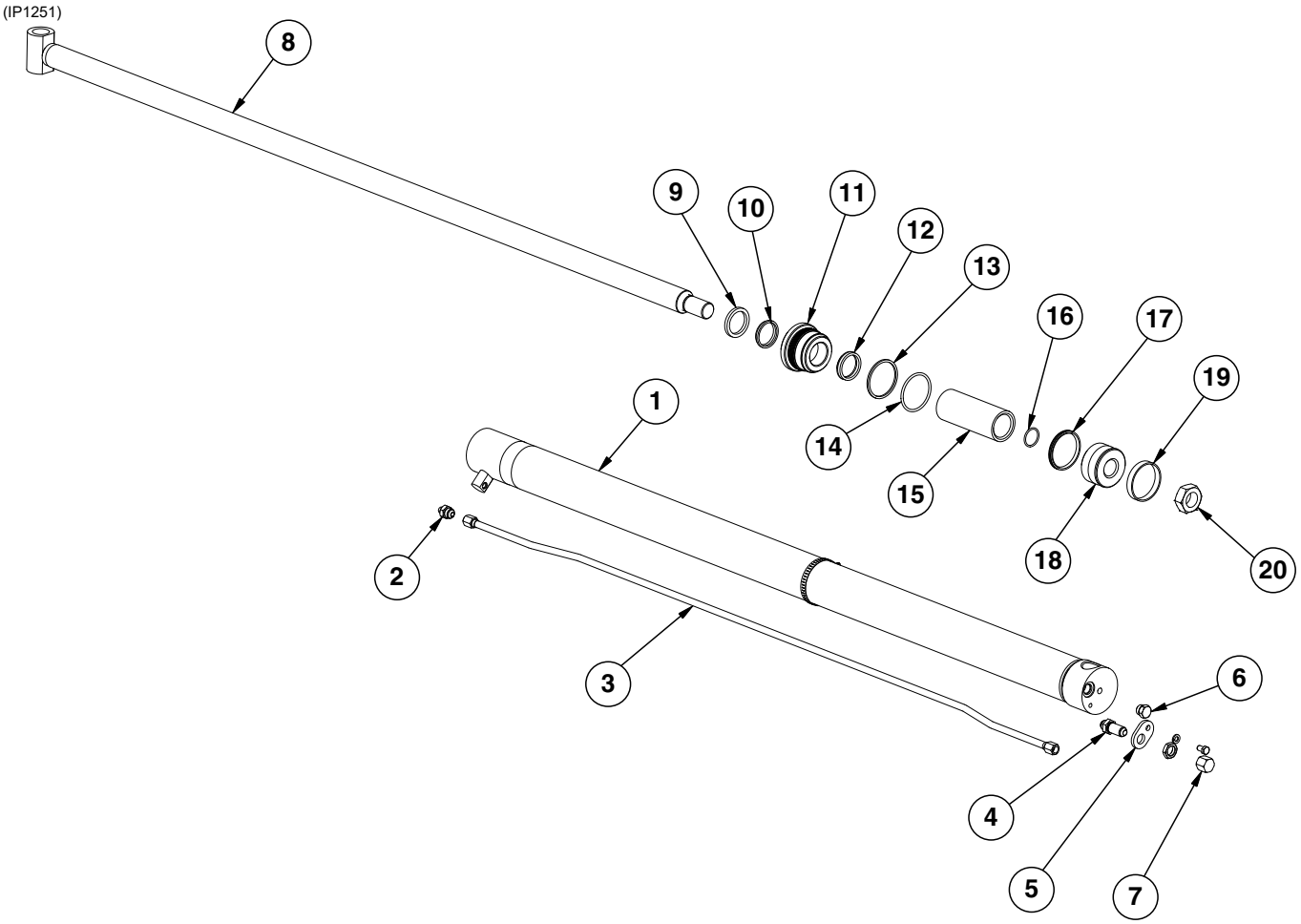
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10770	1	Internal Retaining Ring, 1 11⁄16"
2	GD13170	1	Gland
3	GD13171	1	Rod
4	GD13172	1	Piston
5	GD27232	1	Nylon Lock Nut, ½"-20, Grade 8
6	D13169	1	Barrel **(Non-Stock Item)**
7	GD13400	1	Tension Bushing, 1" x 2" Long
8	GD13173	1	End Cap
A	GA9205	-	Cylinder Complete, 1½" x 2½" *(Part Number Stamped On Barrel)*
B	GR1598	-	Seal Kit, Includes: (3) O-Rings, (2) BU Rings, (1) Wiper, (1) T-Seal, (1) Bronze Bushing, (1) Seal, (1) U-Cup

(IP1285)



ITEM	PART NO.	QTY.	DESCRIPTION
1	A14480	1	Barrel **(Non-Stock Item)**
2	G6408-08 GR1037	2 -	Plug W/O-Ring, 3/4"-16 O-Ring O-Ring
3	G10958	1	Lock Nut, 1"-14
4	*D12047	1	Wear Ring
5	GD12502	1	Piston
6	*A24016	1	BP Seal
7	*D12226	1	O-Ring, No. 120
8	*D12202	1	O-Ring, No. 334
9	*D12203	1	BU Ring
10	*D12251	1	U-Cup
11	GD11999	1	Gland
12	*D12210	1	Wiper
13	GD12102	1	Ring
14	GA14478	1	Rod
A	GA14481	-	Cylinder Complete, 3" x 8" *(Part Number Stamped On Barrel)*
B	GR1526	1	Seal Kit, Includes: (1) Wear Ring, (2) O-Rings, (1) BU Ring, (1) U-Cup, (1) Wiper, (1) BP Seal

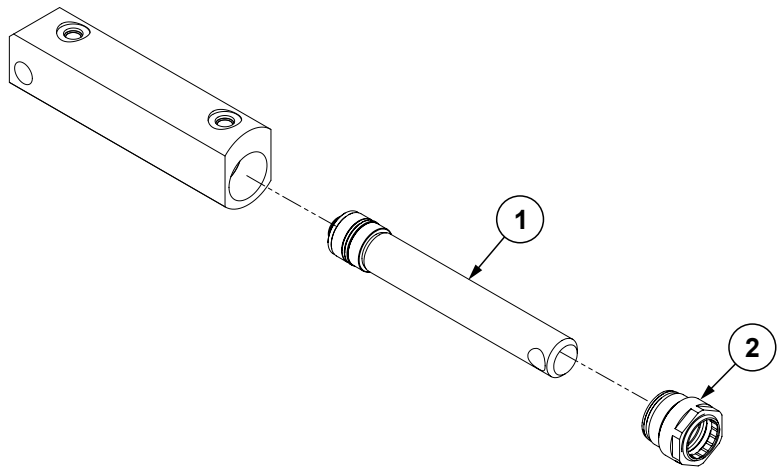
* Item is part of seal kit, item can not be purchased individually.


(IP1251)
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ITEM	PART NO.	QTY.	DESCRIPTION
1	A13937 A13953	1 -	Barrel, 12 Row **(Non-Stock Item)** Barrel, 16 Row **(Non-Stock Item)**
2	G6400-08-04 GR1465	1 -	Connector W/O-Ring, ¾"-16 Male JIC To 7⁄16"-20 O-Ring O-Ring
3	GA13939 GA8979 G10990	1 - 1	Hydraulic Tube Assembly, 62⅞", 12 Row Hydraulic Tube Assembly, 92^{11}⁄$_{16}$", 16 Row Hose Clamp, No. 52
4	G2700-08 G306-08	1 1	Bulkhead Tube Union, ¾"-16 Male JIC Lock Nut, ¾"-16
5	GD12597 G10328 G10229	1 1 1	Bracket Hex Head Cap Screw, ⅜"-16 x ⅝" Lock Washer, ⅜"
6	G6408-08 GR1037	1 -	Plug W/O-Ring, ¾"-16 O-Ring O-Ring
7	G304-C-8	1	Cap Nut, ¾"-16
8	GA13935 GA8859	1 -	Rod Assembly, 12 Row Rod Assembly, 16 Row
9	GD12104	1	Ring
10	*D12200	1	Wiper
11	GD11984	1	Gland
12	*D12253	1	U-Cup
13	*D12203	1	BU Ring
14	*D12202	1	O-Ring, No. 334
15	GD7147	1	Spacer
16	*D12204	1	O-Ring, No. 218
17	*A24016	1	BP Seal
18	GD11970	1	Piston
19	*D12047	1	Wear Ring
20	G10972	1	Lock Nut, 1¼"-12
A	GA13938	-	Cylinder Complete, 3" x 54", 12 Row *(Part Number Stamped On Barrel)*
B	GA13954	-	Cylinder Complete, 3" x 84", 16 Row *(Part Number Stamped On Barrel)*
C	GR1519	-	Seal Kit Includes: (2) O-Rings, (1) BU Ring, (1) Wear Ring, (1) Wiper, (1) U-Cup, (1) BP Seal

* Item is part of seal kit, item can not be purchased individually.

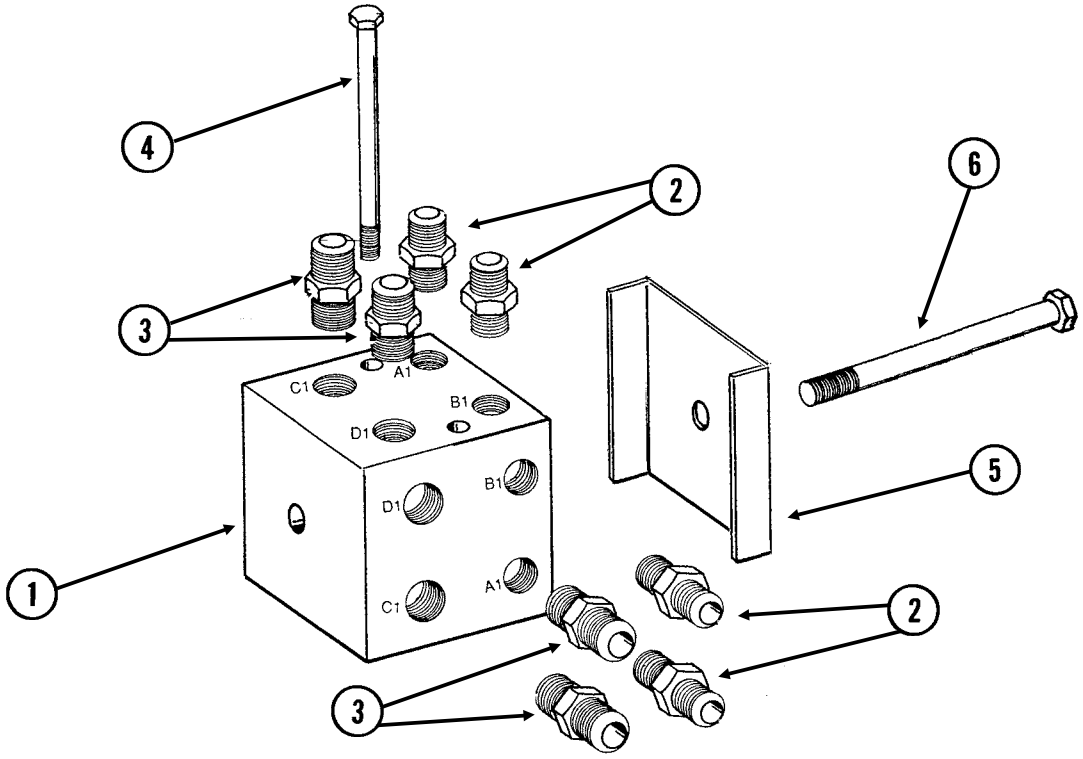
(109834)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10983601	1	Rod and Piston W/Seals
2	G10983701	1	Head Gland W/Seals
A	G10983402	1	Cylinder Complete, 1¼" x 4¼"

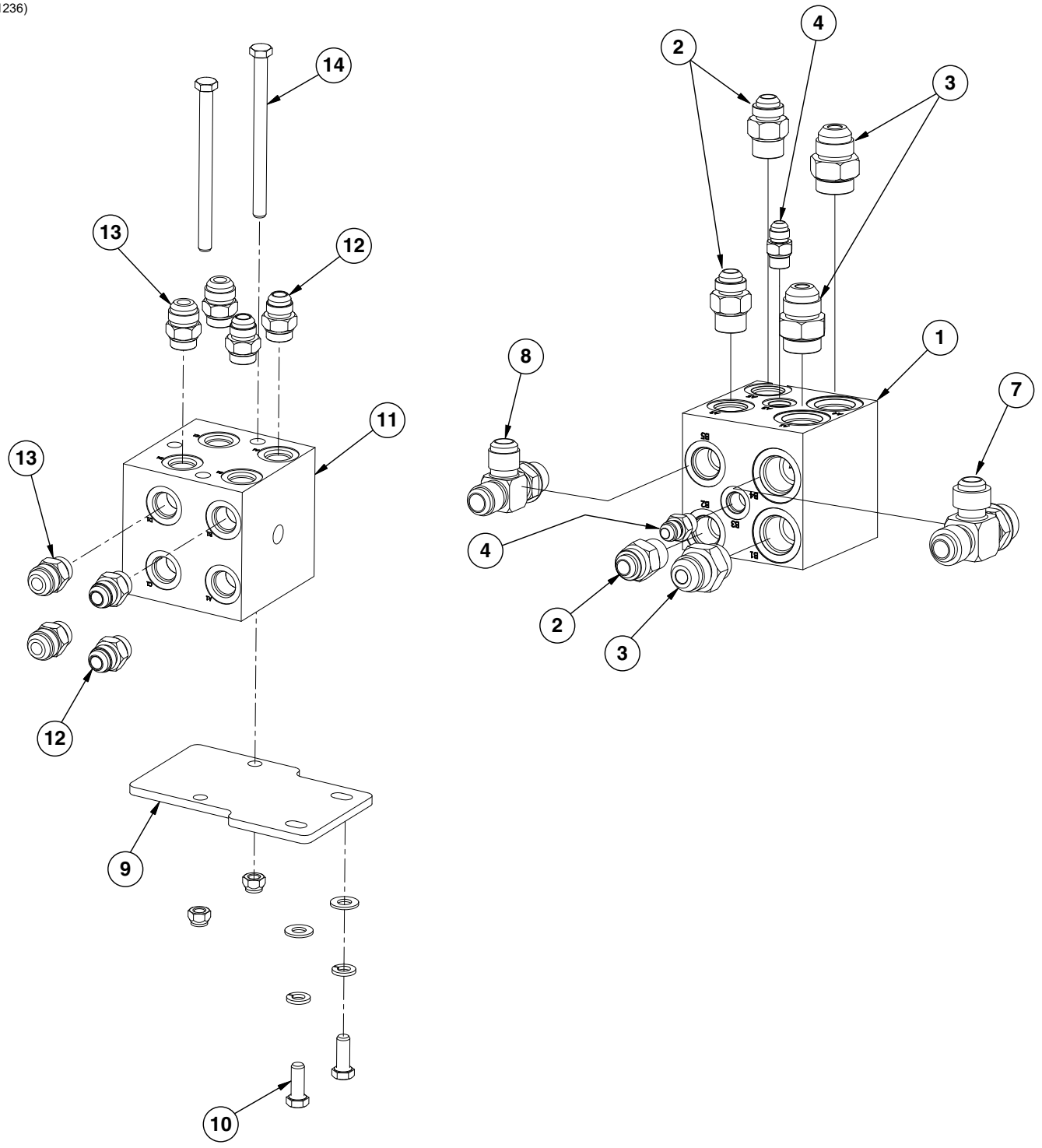
Junction Block - Located on R.H. Side of Center Pivot

VVB036(TWL24k)



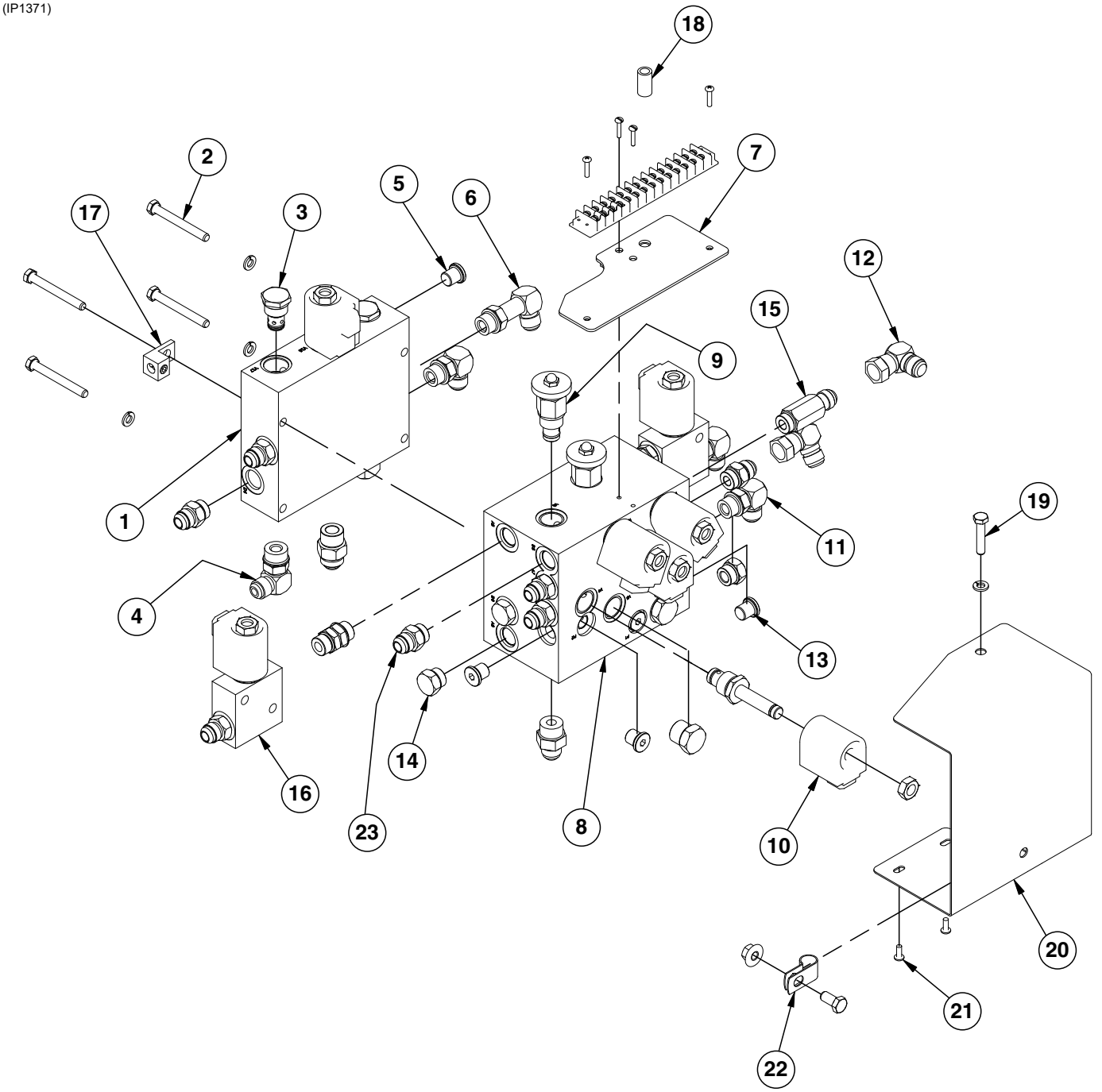
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD9971	1	Manifold Block
2	6400-08	4	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
3	G6400-10-08	4	Connector W/O-Ring, ⅞"-14 Male JIC To ¾"-16 O-Ring
	GR1037	-	O-Ring
4	G10172	2	Hex Head Cap Screw, ⅜"-16 x 5"
	G10229	2	Lock Washer, ⅜"
	G10101	2	Hex Nut, ⅜"-16
5	GD0740	1	Hose Clamp, ¾" x 4" x 3½"
6	G10871	1	Hex Head Cap Screw, ½"-13 x 6"
	G10228	1	Lock Washer, ½"
	G10102	1	Hex Nut, ½"-13

(IP1236)



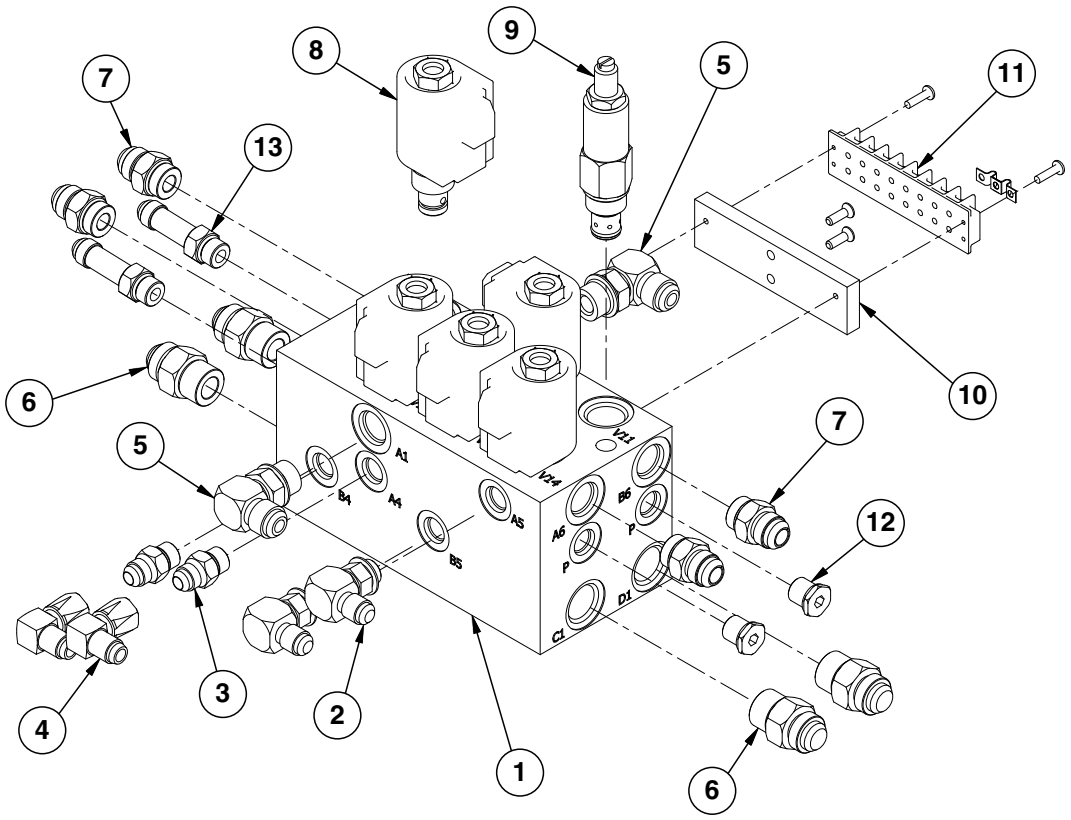
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD20697	1	Fan Junction Block
2	G6400-10 GR1037	3 -	Connector W/O-Ring, ⅞"-14 Male JIC To O-Ring O-Ring
3	G6400-12 GR1467	3	Connector, W/O-Ring, 1 1/16"-12 Male JIC To O-Ring O-Ring
4	G6400-06 GR1045	2 -	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring O-Ring
5	---	-	---
6	---	-	---
7	G6804-12 GR1467	1 -	Adjustable Tee W/O-Ring, 1 1/16"-12 Male JIC To O-Ring O-Ring
8	G6804-10	1	Adjustable Tee W/O-Ring, ⅞"-14 Male JIC To O-Ring
9	GD20695	1	Extension Plate
10	G10001 G10229 G11387	2 2 2	Hex Head Cap Screw, ⅜"-16 x 1" Lock Washer, ⅜" Flat Washer, ⅜" SAE
11	GD9971	1	Manifold Block
12	6400-08 GR1037	4 -	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring O-Ring
13	G6400-10-08 GR1037	4 -	Connector W/O-Ring, ⅞"-14 Male JIC To ¾"-16 O-Ring O-Ring
14	G10172 G10108	2 2	Hex Head Cap Screw, ⅜"-16 x 5" Lock Nut, ⅜"-16

(IP1371)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD9977	1	Block
	G6801-08	1	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
	6400-08	2	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
	G6400-10	1	Connector W/O-Ring, ⅞"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
	---	1	See “Solenoid Valve” on page P200
2	G10583	4	Hex Head Cap Screw, 5⁄16"-18 x 2¾"
	G10232	3	Lock Washer, 5⁄16"
3	GA4293	2	Check Valve
	GR2041	-	Seal Kit (Included W/GA4293)
4	G6801-08-10	2	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To ⅞"-14 O-Ring
	GR1466	-	O-Ring
	6403-NWO-08	2	Adjustable Union, ¾"-16 O-Ring
5	G6408-H06-O	1	Hex Socket Head Plug W/O-Ring, 9⁄16"-18 O-Ring
	GR1045		O-Ring
6	G6801-L-08	1	Long Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
7	GA13741	1	Terminal Strip Mount
	G11113301	2	Torx Pan Head Machine Screw, No. 10-24 x ¾", Stainless Steel
	G11109601	2	Torx Pan Head Machine Screw, No. 8-32 x ¾", Stainless Steel
	GA9097	1	Terminal Strip W/Screws, No. 6, 14 Terminal
	GD13310	3	Jumper, 7⁄16"
8	GD9533	1	Block
	G6408-10	2	Plug W/O-Ring, ⅞"-14 O-Ring
	GR1466	-	O-Ring
	6400-08	7	Plug W/O-Ring, ¾"-16 O-Ring
	GR1037	-	O-Ring
9	GA3413	2	Flow Control Valve
10	---	6	See “Solenoid Valve” on page P200
11	G6801-08	2	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037		O-Ring
12	G6500-08	2	Swivel Elbow, 90°, ¾"-16 Male JIC To Female
13	G6408-H06-O	5	Hex Socket Head Plug W/O-Ring, 9⁄16"-18 O-Ring
	GR1045	-	O-Ring
14	G6408-08	4	Plug W/O-Ring, ¾"-16 O-Ring
	GR1037	-	O-Ring
15	G6400-L-08	1	Long Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
16	GD14528	2	Valve Block
17	GA3584	1	Ground Clamp
18	GD8066-02	1	Sleeve, 1" Long
19	G10133	1	Hex Head Cap Screw, 5⁄16"-18 x 1½"
	G10232	1	Lock Washer, 5⁄16"
20	GD13146	1	Valve Block Cover
21	G10977	2	Phillips Pan Head Machine Screw, No. 10-24 x ½", Stainless Steel
22	GD34779	1	Insulated Clamp, ⅞"
	G10002	1	Hex Head Cap Screw, ⅜"-16 x ¾"
	G11091	1	Serrated Flange Nut, ⅜"-16
23	6403-NWO-08	2	Adjustable Union W/O-Ring, ¾"-16
A	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring

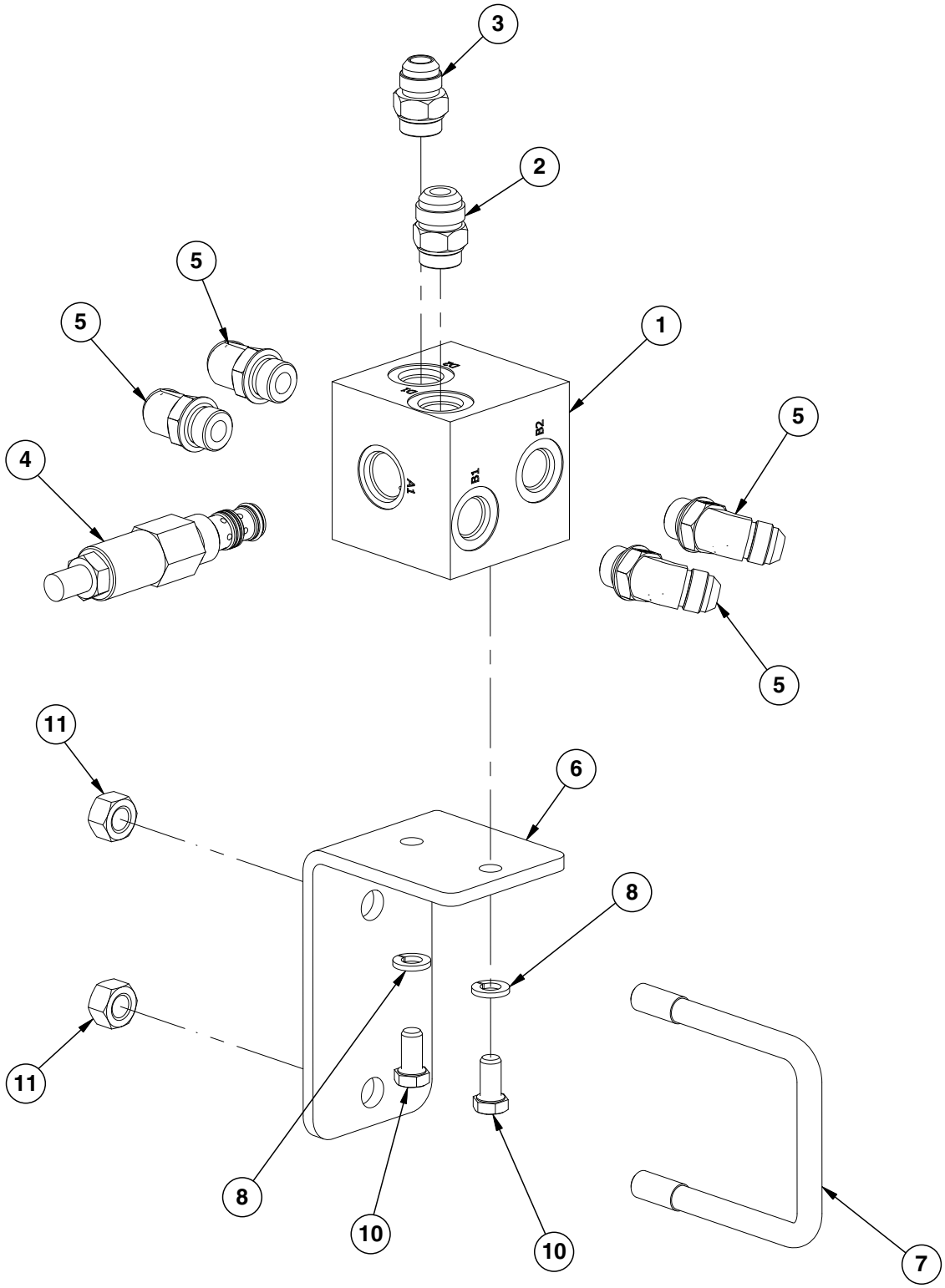
(IP1110/IP1111)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD9905	1	Block
2	G6801-06 GR1045	2 -	Elbow W/O-Ring, 90°, 9⁄16"-18 Male JIC To O-Ring O-Ring
3	G6400-06 GR1045	2 -	Connector W/O-Ring, 9⁄16"-18 Male JIC To O-Ring O-Ring
4	G6500-06	2	Swivel Elbow, 90°, 9⁄16"-18 Male JIC To Female
5	G6801-08 GR1037	2 -	Elbow W/O-Ring, 90°, 3⁄4"-16 Male JIC To O-Ring O-Ring
6	G6400-10 GR1466	4 -	Connector W/O-Ring, 7⁄8"-14 Male JIC To O-Ring O-Ring
7	6400-08 GR1037	4 -	Connector W/O-Ring, 3⁄4"-16 Male JIC To O-Ring O-Ring
8	---	-	See “Solenoid Valve” on page P200
9	GA3407	-	Pressure Relief Valve, 1000 PSI
10	GD12818 G11068	1 2	Terminal Strip Mount Phillips Flat Head Machine Screw, No. 10-24 x 5⁄8", Stainless Steel
11	GA9098 GD13310 G11065	1 2 2	Terminal Strip W/Screws, No. 6, 8 Terminal Jumper, 7⁄16" Phillips Pan Head Machine Screw, No. 8-32 x 5⁄8", Stainless Steel
12	G6408-H06-0 GR1045	2 -	Hex Socket Head Plug W/O-Ring, 9⁄16"-18 O-Ring
13	G6400-L-06 GR1045	2 -	Long Connector W/O-Ring, 9⁄16"-18 Male JIC To O-Ring O-Ring
A	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring

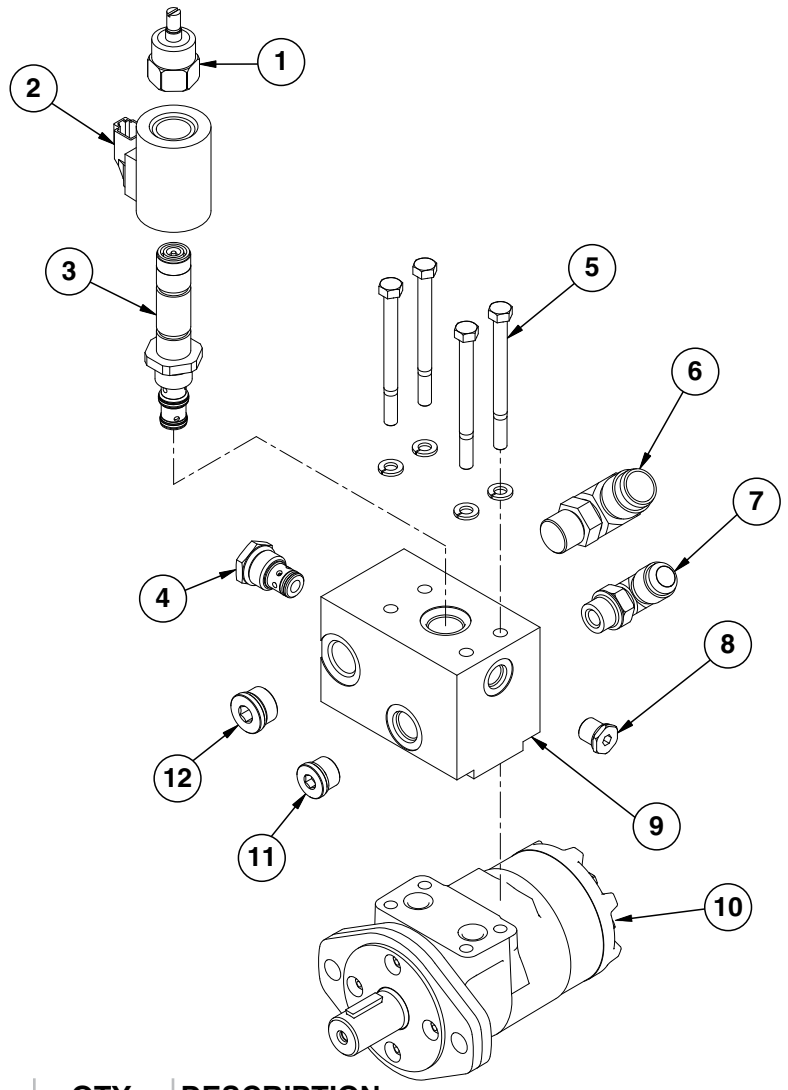
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(IP1256)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD20718	1	Wing Down Pressure Valve Block
2	G6400-10-08 GR1037	1 -	Connector W/O-Ring, ⅞"-14 Male JIC To ¾"-16 O-Ring O-Ring
3	6400-08 GR1037	1 -	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring O-Ring
4	GA14489 GR2043	1 -	Pressure Reducing Relief Valve Seal Kit (Included W/GA14489)
5	G6802-08 GR1037	4 -	Elbow W/O-Ring, 45°, ¾"-16 Male JIC To O-Ring O-Ring
6	GD20719	1	Wing Down Pressure Bracket
7	GD4743	1	U-Bolt, 3" x 3" x ½"-13
8	G10229	2	Lock Washer, ⅜"
9	---	-	---
10	G10002	2	Hex Head Cap Screw, ⅜"-16 x ¾"
11	G10071	2	Serrated Flange Nut, ½"-13

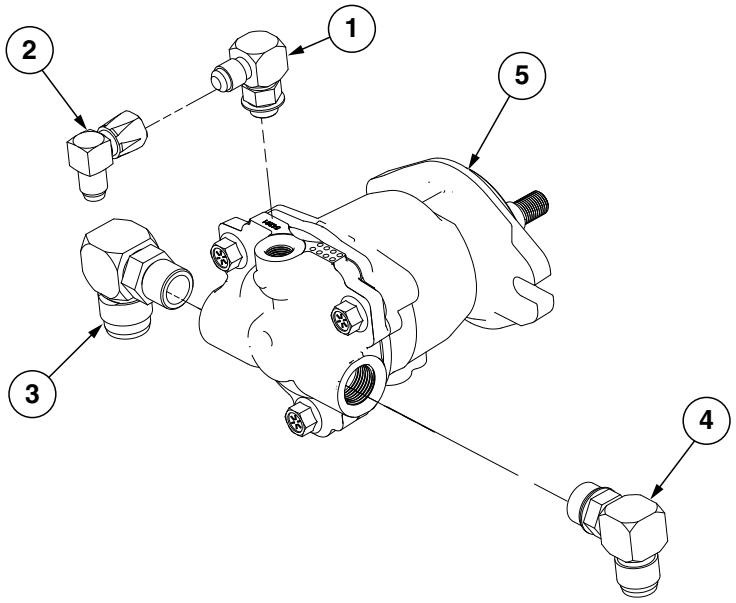
(IP1076)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1846	1	Manual Override
2	GA13079	1	Coil
3	GA13078	1	Proportional Valve
4	GA4293	1	Check Valve
	GR2041	-	Seal Kit (Included W/GA4293)
5	G11309	4	Hex Head Cap Screw, 5⁄16"-18 x 3¾"
	G10232	4	Lock Washer, 5⁄16"
6	G6801-12-10	1	Elbow W/O-Ring, 90°. 1 1⁄16"-12 Male JIC To 7⁄8"-14 O-Ring
	GR1466	-	O-Ring
7	6801-10-08	1	Elbow W/O-Ring, 90°, 7⁄8"-14 Male JIC To ¾"-16 O-Ring
	GR1037	-	O-Ring
8	G6408-H06-0	1	Hex Socket Head, 9⁄16"-18, O-Ring Plug
9	GD19440	1	Valve Block
10	GA13633	1	Hydraulic Motor
	GD18811	2	O-Ring, No. 112 (Included W/GA13633)
11	G6408-H08-O	1	Hex Socket Head Plug W/O-Ring, ¾"-16 O-Ring
	GR1037	-	O-Ring
12	G6408-H10-0	1	Hex Socket Head Plug W/O-Ring, 7⁄8"-14 O-Ring
A	GA14576	-	Hydraulic Motor Assembly
B	GR1939	-	Seal Kit (Hydraulic Motor)
C	GR0764	-	Seal Kit (Proportional Valve), Includes: (2) O-Rings, (1) BU Ring

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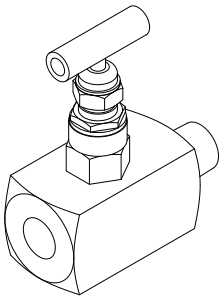
(A10636)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G6801-06	1	Elbow W/O-Ring, 90°, 9⁄16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
2	G6500-06	1	Swivel Elbow, 90°, 9⁄16"-18 Male JIC To Female
3	G6801-12-10	1	Elbow W/O-Ring, 90°. 1 1⁄16"-12 Male JIC To 7⁄8"-14 O-Ring
	GR1466		O-Ring
4	G6801-10	1	Elbow W/O-Ring, 90°, 7⁄8"-14 Male JIC To O-Ring
	GR1466		O-Ring
5	GA24543	1	Hydraulic Motor
	GR2314	-	Motor Key
	GR2333	-	Seal Kit

Optional Flow Control Needle Valve Kit

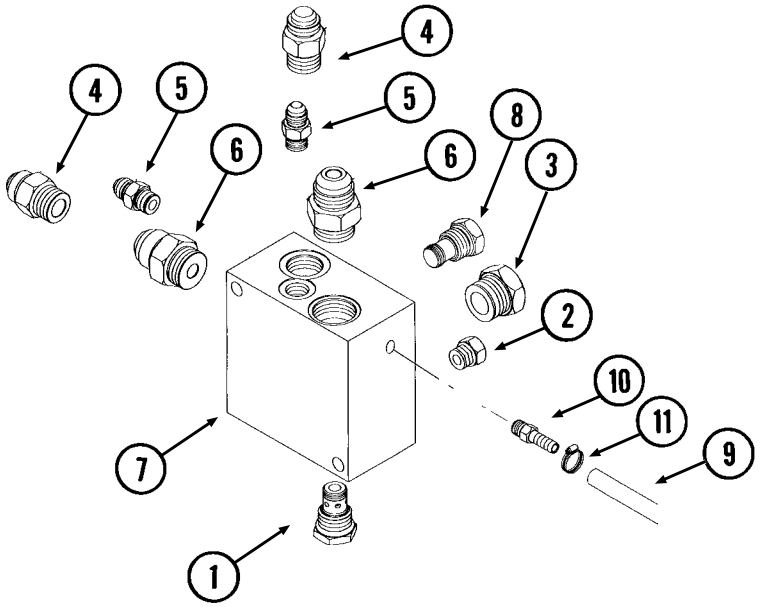
(IP1064)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G1K426	-	Needle Valve Kit W/Instructions

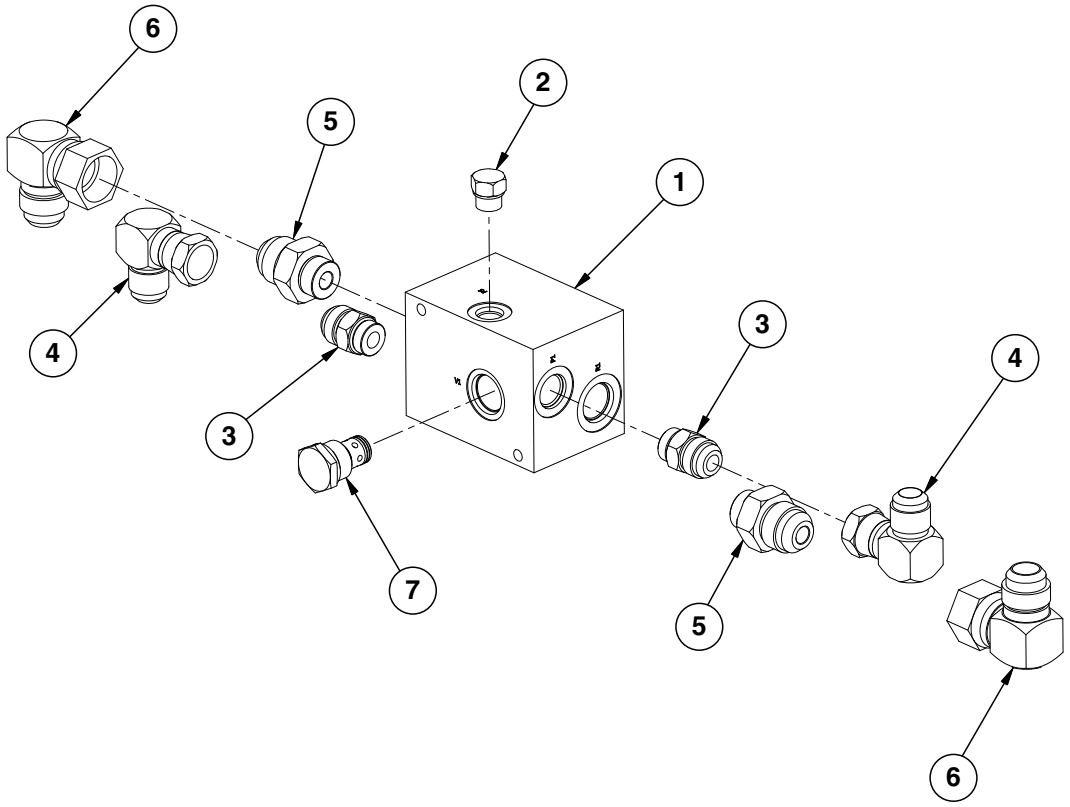
Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly)

(A11068d)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA4293 GR2041	1 -	Check Valve Seal Kit (Included W/GA4293)
2	G6408-06 GR1045	1 -	Plug W/O-Ring, 9⁄16"-18 O-Ring O-Ring
3	G6408-12 GR1467	1 -	Plug W/O-Ring, 1 1⁄16"-12 O-Ring O-Ring
4	G6400-10 GR1466	2 -	Connector W/O-Ring, 7⁄8"-14 Male JIC To O-Ring O-Ring
5	G6400-06 GR1045	2 -	Connector W/O-Ring, 9⁄16"-18 Male JIC To O-Ring O-Ring
6	G6400-12 GR1467	2 -	Connector W/O-Ring, 1 1⁄16"-12 Male JIC To O-Ring O-Ring
7	GD16188	1	Valve Block
8	GA11934	1	Relief Valve Cartridge
9	GD6279-05	1	Clear Plastic Tubing, 9⁄16" O.D. x 60"
10	GD11700	1	Adapter, 1⁄4" NPT To 3⁄8" Barb
11	G10681	1	Hose Clamp, No. 6

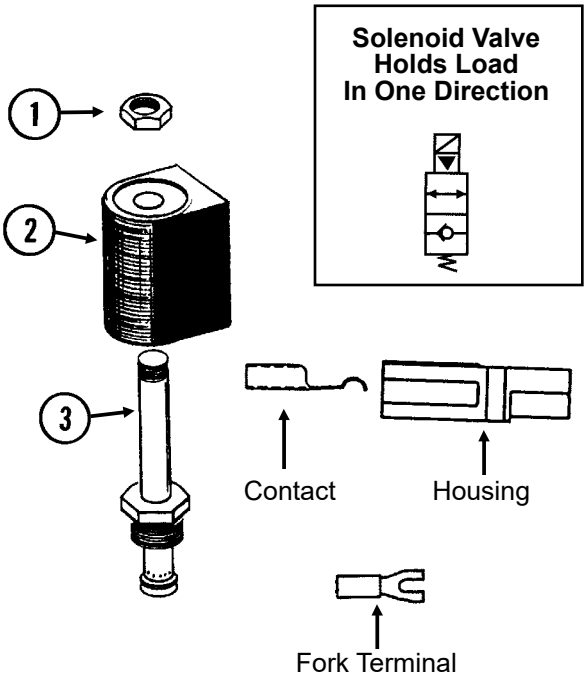
(IP1290)

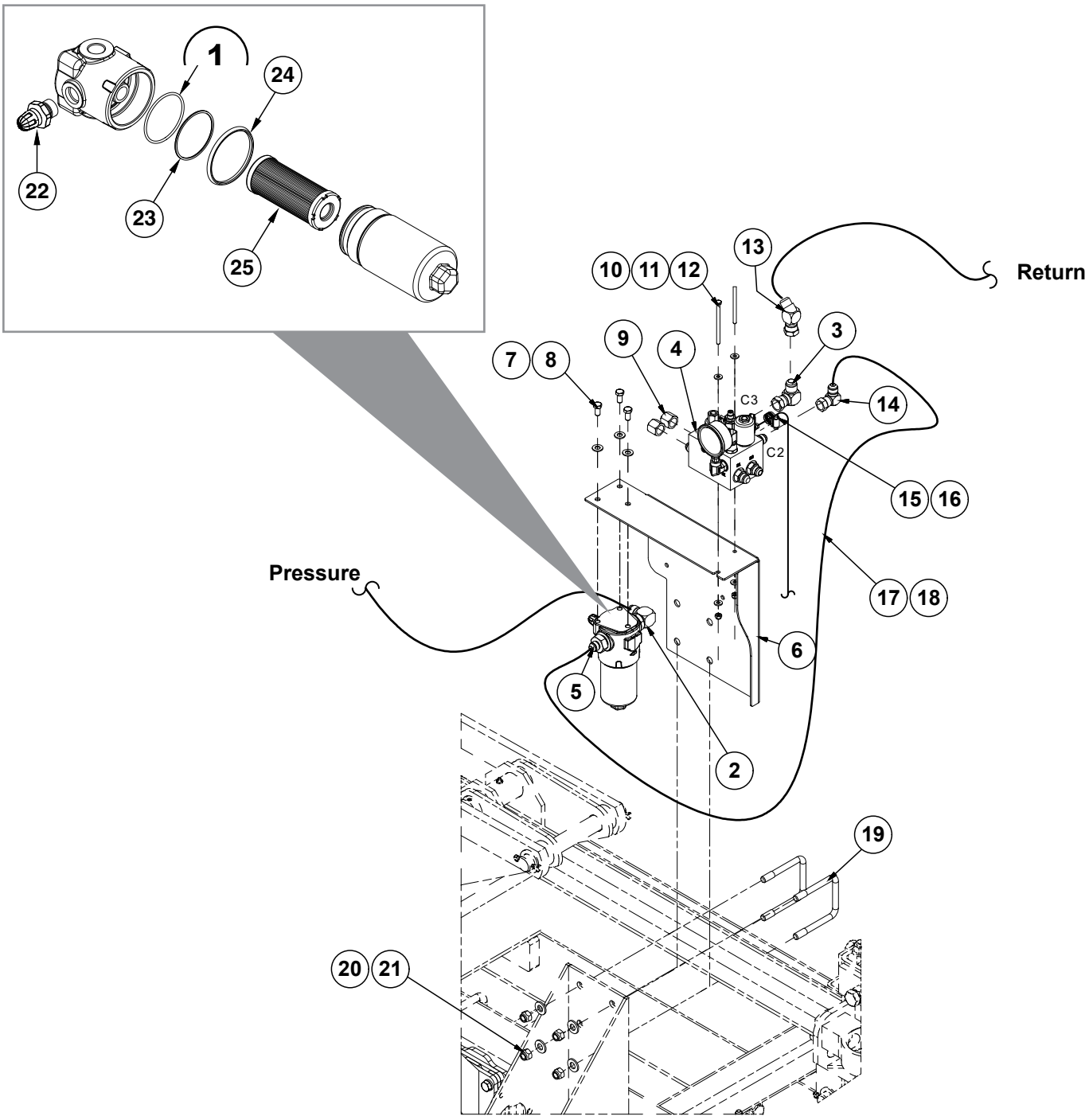


ITEM	PART NO.	QTY.	DESCRIPTION
1	GD19123	1	Bulk Fill Fan Block
2	G6408-06 GR1045	1 -	Plug W/O-Ring, 9⁄16"-18 O-Ring O-Ring
3	G6400-10-08 GR1037	2 -	Connector W/O-Ring, 7⁄8"-14 Male JIC To 3⁄4"-16 O-Ring O-Ring
4	G6500-10	2	Swivel Elbow, 90°, 7⁄8"-14 Male JIC To Female
5	G6400-12-10	2	Connector W/O-Ring, 1 1⁄16"-12 JIC To 7⁄8"-14 O-Ring
6	G6500-12	2	Swivel Elbow, 90°, 1 1⁄16"-12 Male JIC To Female
7	GA4293 GR2041	1 -	Check Valve Seal Kit (Included W/GA4293)

VVB019(TWL27c/TWL18/PLTR75c/A9481)

ITEM	PART NO.	QTY.	DESCRIPTION
1	GR0761	1	Special Hex Nut, ½"-20
2	G1K274	1	Coil Kit W/Contacts, Housings And Fork Terminals
	GD9529	2	Housing, Black (Included W/G1K274)
	GD9530	2	Contact (Included W/G1K274)
	G10996	2	Fork Terminal (Included W/G1K274)
3	GR0763	1	Cartridge
A	G1K275	-	Solenoid Valve Kit W/Solenoid Valve, Contacts, Housings And Fork Terminals
	GD9529	2	Housing, Black
	GD9530	2	Contact
	G10996	2	Fork Terminal
B	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring




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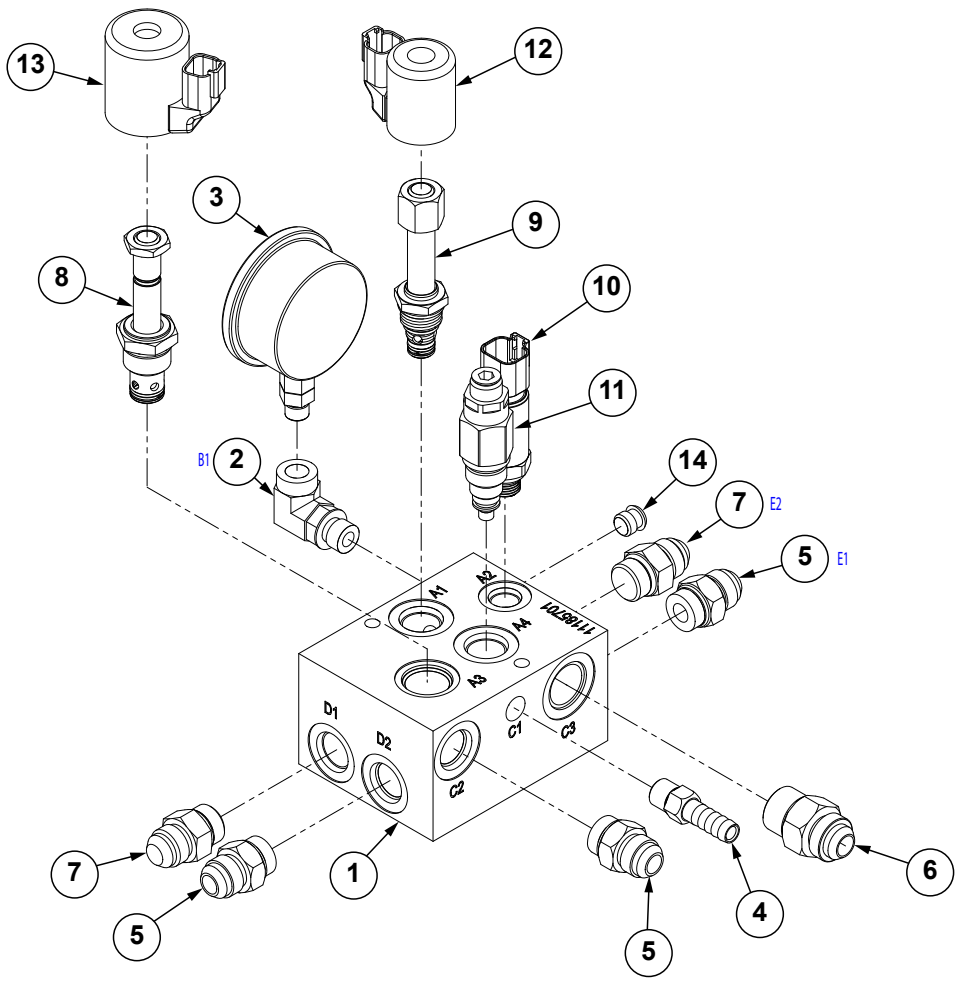
ITEM	PART NO.	QTY.	DESCRIPTION
1	**R2367	1	Sealing O-Ring
2	G6801-10-12	1	Elbow W/O-Ring, 90°, ⅞"-14 Male JIC To 1⅛"-12 O-Ring
3	G6500-10	1	Swivel Elbow, 90°, ⅞"-14 Male JIC To Female
4	---	1	See “Hydraulic Down Force Manifold Block” on page P203
5	6400-08-12	1	Adapter, ¾"-16 Male JIC to 1⅛"-12 O-Ring
6	GD36756	1	Hydraulic Block Mount Bracket
7	G11387	3	Flat Washer, ⅜" SAE
8	G10002	3	Hex Head Cap Screw, ⅜"-16 x ¾"
9	G304-C-8	2	Cap Nut, ¾"-16
10	G10110	2	Lock Nut, ¼"-20, Grade B
11	G11385	4	Flat Washer, ¼" SAE
12	G11135	2	Hex Head Cap Screw, ¼"-20 X 3¾"
13	G6502-10	1	Swivel Elbow, 45°, ⅞"-14 Male JIC To Female
14	G6500-08	1	Swivel Elbow, 90°, ¾"-16 Male JIC To Female
15	‡D6279-03	1	Clear PVC Tubing, ⅜" x 28"
16	G10681	1	Hose Clamp, No. 6
17	*A18671-30	1	Hose Assembly, ½" x 30" (08F-08F90S)
18	GD10057-20	2	Hose Identification Sleeve, Purple PP
19	GD4743	2	U-Bolt, 3" x 3" x ½"-13
20	G11389	4	Flat Washer, ½" Plated SAE
21	G10111	4	Lock Nut, ½"-13
22	GR2361	1	Flow Indicator
23	†R2366	1	Anti-Extrusion Ring
24	†R2365	1	External O-Ring
25	GD35835	1	Replacement Filter Cartridge
A	GA25857	1	In-Line Filter Assembly, Includes Items 22-25
B	GR2368	-	Seal Kit, Includes: (1) Sealing O-Ring, (1) Anit-Extrusion Ring, (1) External O-Ring

* Hose not stocked by Kinze repair parts, but is available in bulk. Order GD6279-00.

† Item is part of seal kit, item can not be purchased individually.

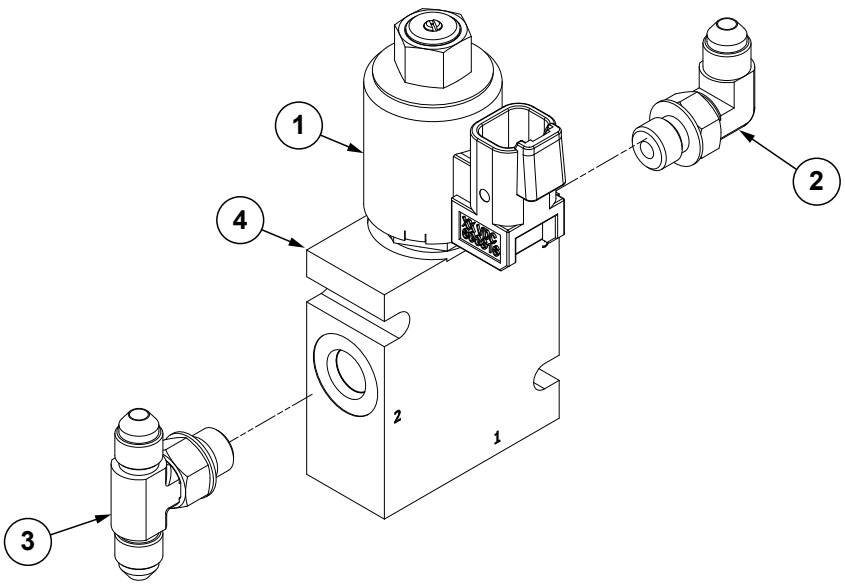
‡ Hose not stocked by Kinze repair parts, but is available in bulk. Order GD6279-00.

(111859)



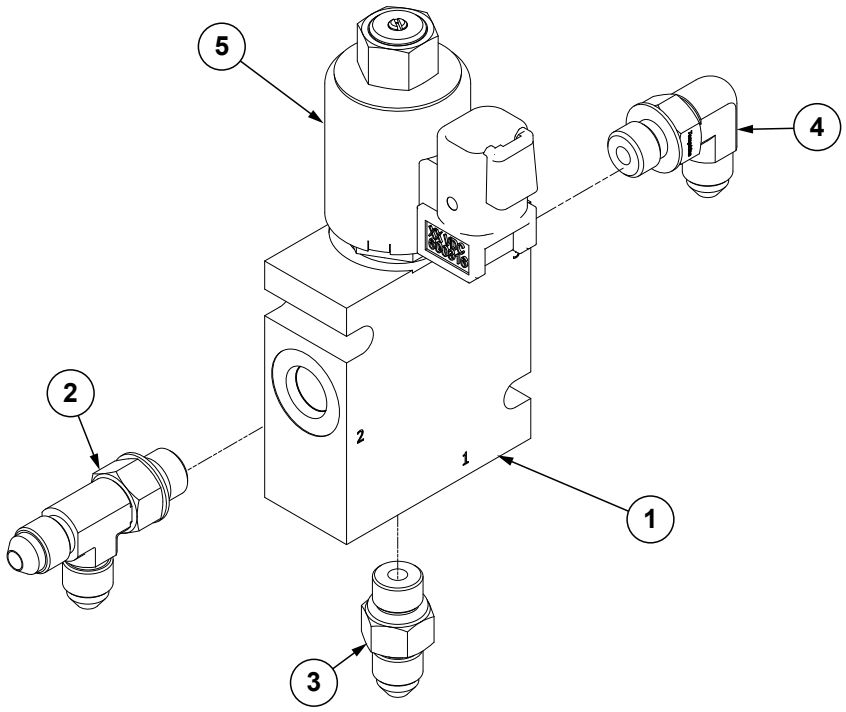
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11185701	1	Manifold Block
2	G6815-06-04	1	90° Adjustable Street Elbow
3	GA26005	1	Pressure Gauge
4	GD11700	1	Adapter, ¼” NPT To ⅜” Barb
5	6400-08 GR1037	3 -	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring O-Ring
6	G6400-10 GR1466	1 -	Connector W/O-Ring, ⅞"-14 Male JIC To O-Ring O-Ring
7	GA20252	2	Check Valve
8	GA25390	1	Solenoid, No. 10, Single Poppet
9	GA25389	1	Solenoid, No. 8, Single Poppet
10	G10568101	1	Pressure Sensor
11	GA25982	1	Direct Relief
12	GA25403	1	Coil, 12V
13	GA25404	1	COIL 12V
14	GD29321	1	Plug

(A25264)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10941101	1	Manual Override Cartridge Assembly
	GR2287	1	Solenoid Cartridge (Included W/G10941101)
	GR0761	1	Special Hex Nut, ½"-20 (Included W/G10941101)
2	G6801-04-04	1	90° Adjustable Elbow, 7/16"-20
3	G6803-04-04-04	1	Adjustable Tee, 7/16"-20
4	GD35271	1	Row Unit Control Block
A	G10945001	-	Row Unit Control Block Sub-Assembly, Items 1 and 4

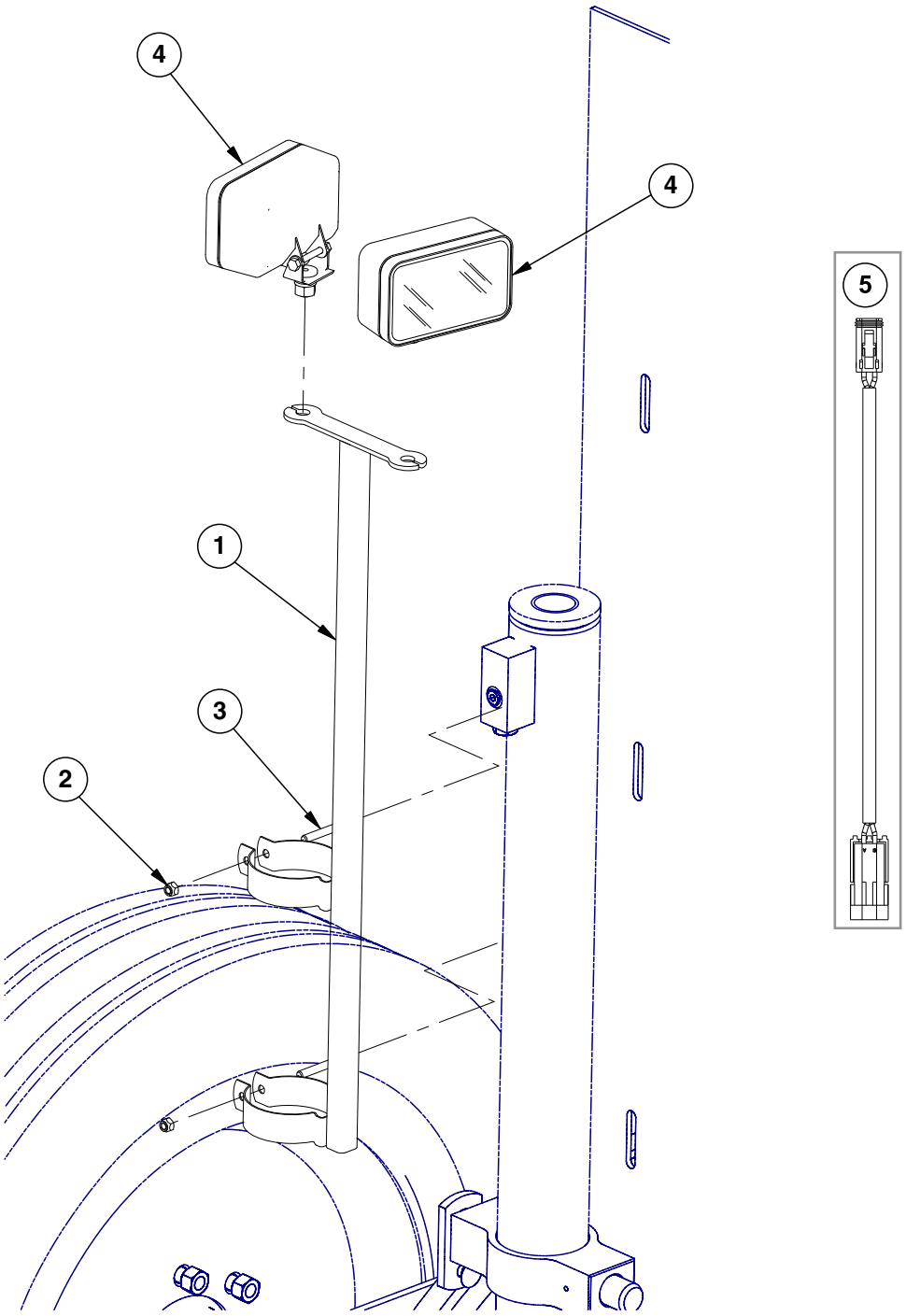
(A25265)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD35271	1	Row Unit Control Block
2	G6804-04-04-04	1	Adjustable Tee, 7/16"-20
3	6400-04 GR1465	1 -	Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring O-Ring
4	G6801-04-04	1	90° Adjustable Elbow, 7/16"-20
5	G10941101 GR2287 GR0761	1 1 1	Manual Override Cartridge Assembly Solenoid Cartridge (Included W/GA25286) Special Hex Nut, ½"-20 (Included W/GA25286)
A	G10945001	-	Row Unit Control Block Sub-Assembly, Items 1 and 5

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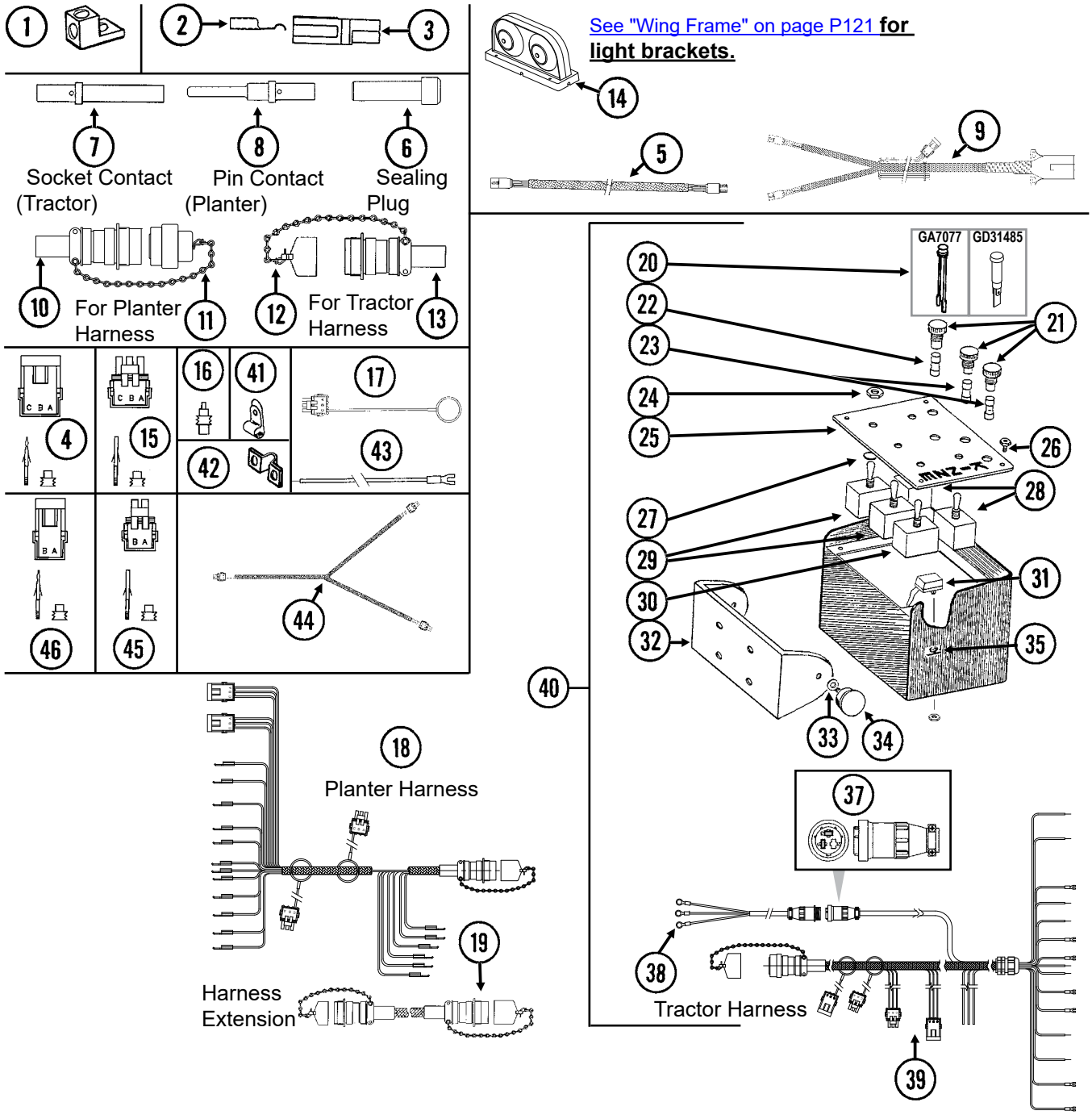
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14571	1	Light Mount
2	G10109	2	Lock Nut, 5⁄16"-18, Grade 8
3	G10041	2	Hex Head Cap Screw, 5⁄16"-18 x 2"
4	GA18486	2	LED Work Light Assembly
5	GR1923	-	Work Light Extension Harness

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(TWL19a/TWL18/ELC14/ELC3a/ELC5c/MTR27a/ELC39/TWL26e/ELC8/A9481/ELC12b/MTR27t/A9689b/A10924ELC4/FF27b/FF27c/ELC38/A9201a/A9202a/TWL20g/ELC34/ELC35/ELC10c)

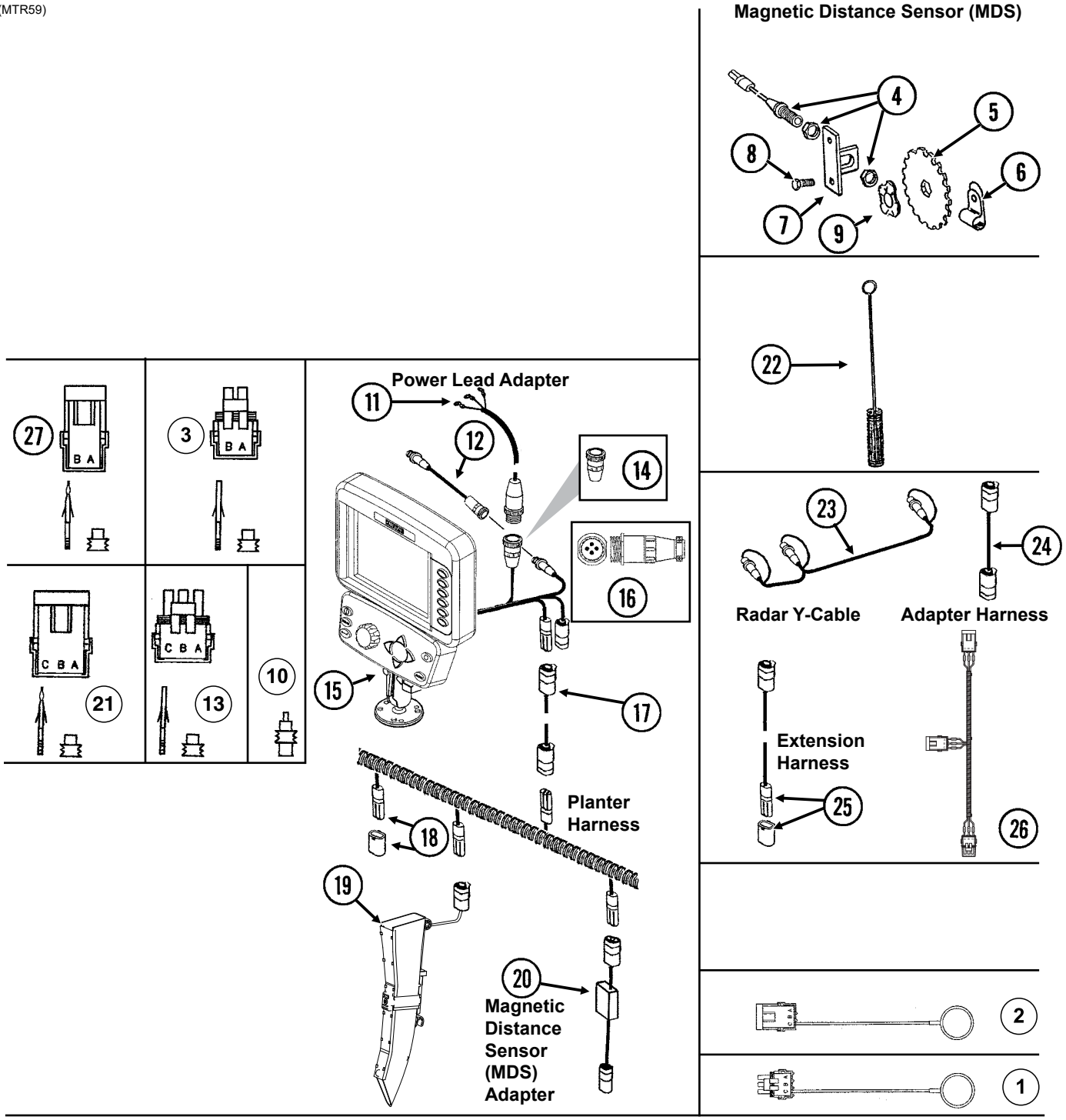


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA3584	-	Ground Clamp
2	GD9530	-	Contact
3	GD9529 GD12726	- -	Housing, Black Housing, Red
4	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
5	GA9096	-	Harness Extension, 42"
6	GD8739	-	Sealing Plug, No. 12
7	GD8740	-	Socket Contact, No. 14
8	GD8741	-	Pin Contact, No. 14

ITEM	PART NO.	QTY.	DESCRIPTION
9	GA9202	-	Wiring Harness W/7 Terminal Female Connector, 786" (2 Light Connections), 12 Row 30"
	GA9204	-	Wiring Harness W/7 Terminal Female Connector, 882" (2 Light Connections), 16 Row 30"
	GA5385	-	7 Terminal Female Connector (Included W/GA9202 and GA9204)
10	GA6109	1	Connector W/Cable Clamp, 23 Pin Capacity
11	GD32092	-	Dust Cap W/Chain
12	GD27654	-	Dust Cap W/Chain
13	GA6108	1	Connector W/Cable Clamp, 23 Socket Capacity
14	G10842301	1	Double Light Assembly (Shown)
	G10842401	1	Double Light Assembly
	G10842501	1	Single Amber Light Assembly
15	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
16	GD11089	-	Sealing Plug
17	GA8047	-	Dust Plug (Black)
18	GA16338	1	3600 Planter Cable, 12 Row 30"
	GA16339	-	3600 Planter Cable, 16 Row 30"
19	GA11736	-	Harness Extension W/Dust Caps, 180"
20	GA7077	1-4	Indicator Light
	GD31485	1	LED Indicator Light
21	GA2612	3-5	Fuse Holder W/Spade, 1 33/50"
22	GD2829	1-2	Fuse, 15 Amp, Type AGC
23	GD10243	2-6	Fuse, MDL 10 Amp Delay Action
24	GR1363	5	Hex Face Nut, 15/32"-32
	GR1364	5	Internal Tooth Lock Washer, 15/32"
25	GA8734	1	Cover Plate (Shown)
	GA8735	-	Cover Plate, Planters Equipped With Two-Speed Point Row Clutch
26	GR1292	4	Pan Head Screw, No. 8-32 x ½"
27	GD3860	-	O-Ring (If Applicable)
28	GA2528	2	Switch, 3 Position Toggle, On-Off-On
29	GA6978	2	Switch, 3 Position Toggle, Momentary On-Off-Momentary On
30	GA6977	1-2	Switch, 2 Position Toggle, On-Off
31	GA8731	1	Switch, Push Button W/Transformer
32	GD9896	1	Mounting Bracket
33	G11385	4	Flat Washer, ¼" SAE
34	GA6975	2	Knob
35	GR1290	2	Cage Nut, ¼"-20
36	---	---	---
37	G1K268	-	Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (1) Lock Ring, (3) Female Terminal Pins
38	GA17547	1	Power Adapter Cable
39	GA16340	1	Control Box Cable
40	G7633X	-	Backlit Control Console Assembly W/Mounting Brackets, Short Harness W/Dust Cap And Power Cable
	G7639X	-	Backlit Control Console Assembly W/Mounting Brackets, Short Harness W/Dust Cap And Power Cable (Planters Equipped With Two-Speed Point Row Clutch)
41	GD22965	-	Insulated Clamp, ¼"
	GD6291	-	Insulated Clamp, ⅜"
	GD13348	-	Insulated Clamp, 11/16"
42	GD13310	-	Jumper, 7/16"
43	GA9481	-	Jumper Wire W/Fork Terminal, 13"
	G10996	-	Fork Terminal
44	GA10924	1	Wiring Harness, 348"
	GA5385	-	7 Terminal Female Connector
45	G1K320	-	2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals
46	G1K321	-	2-Pin Female Connector Kit (Black), Includes: (3) 2-Pin Female Housings, (6) Pin Contacts, (6) Seals

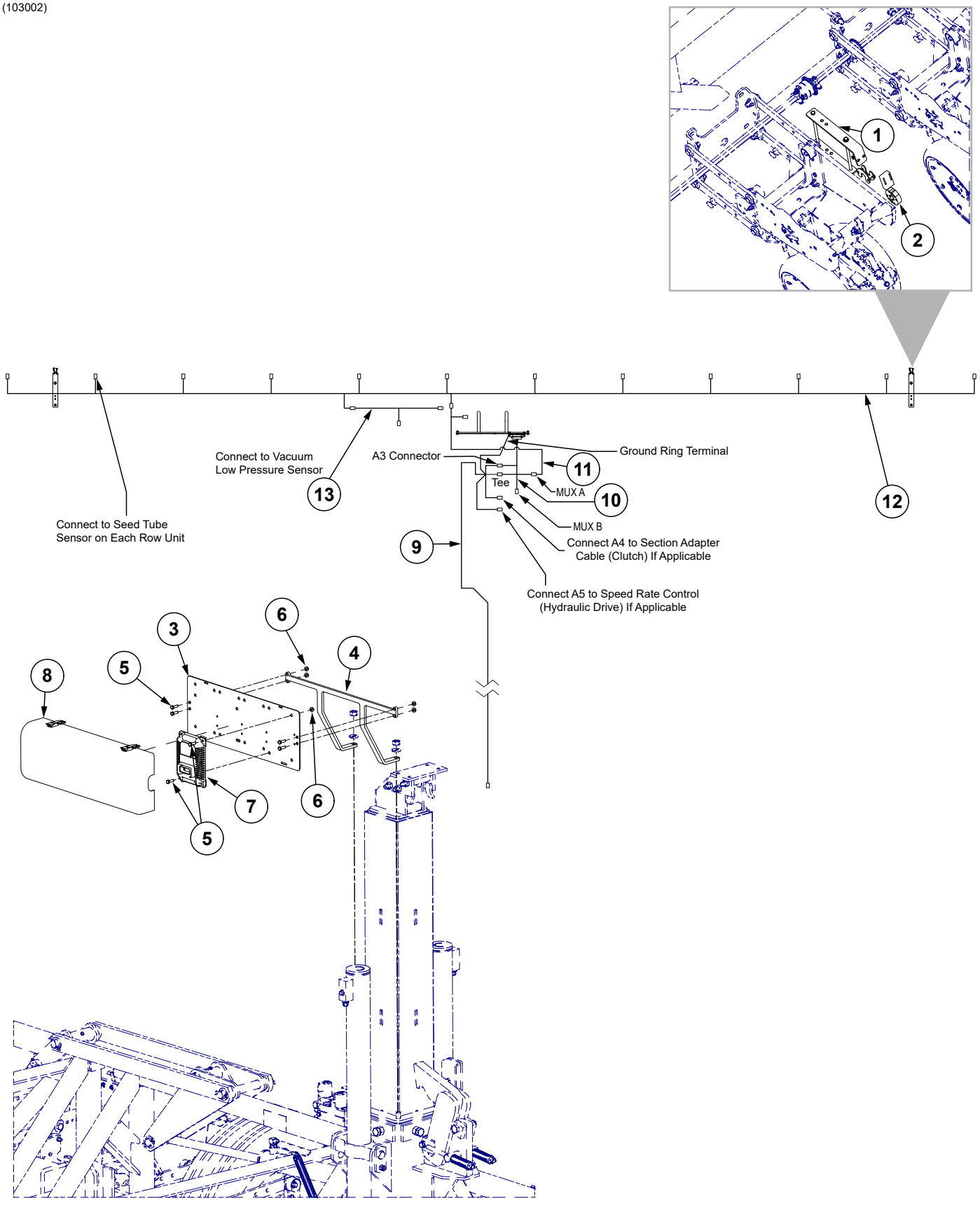
NOTE: See "Point Row Clutch" on page P143 **for R.H. and L.H. Wiring Harness for the point row clutches.** See "KPM III Electronic Seed Monitor" on page P211 **for those components.**

(MTR59)

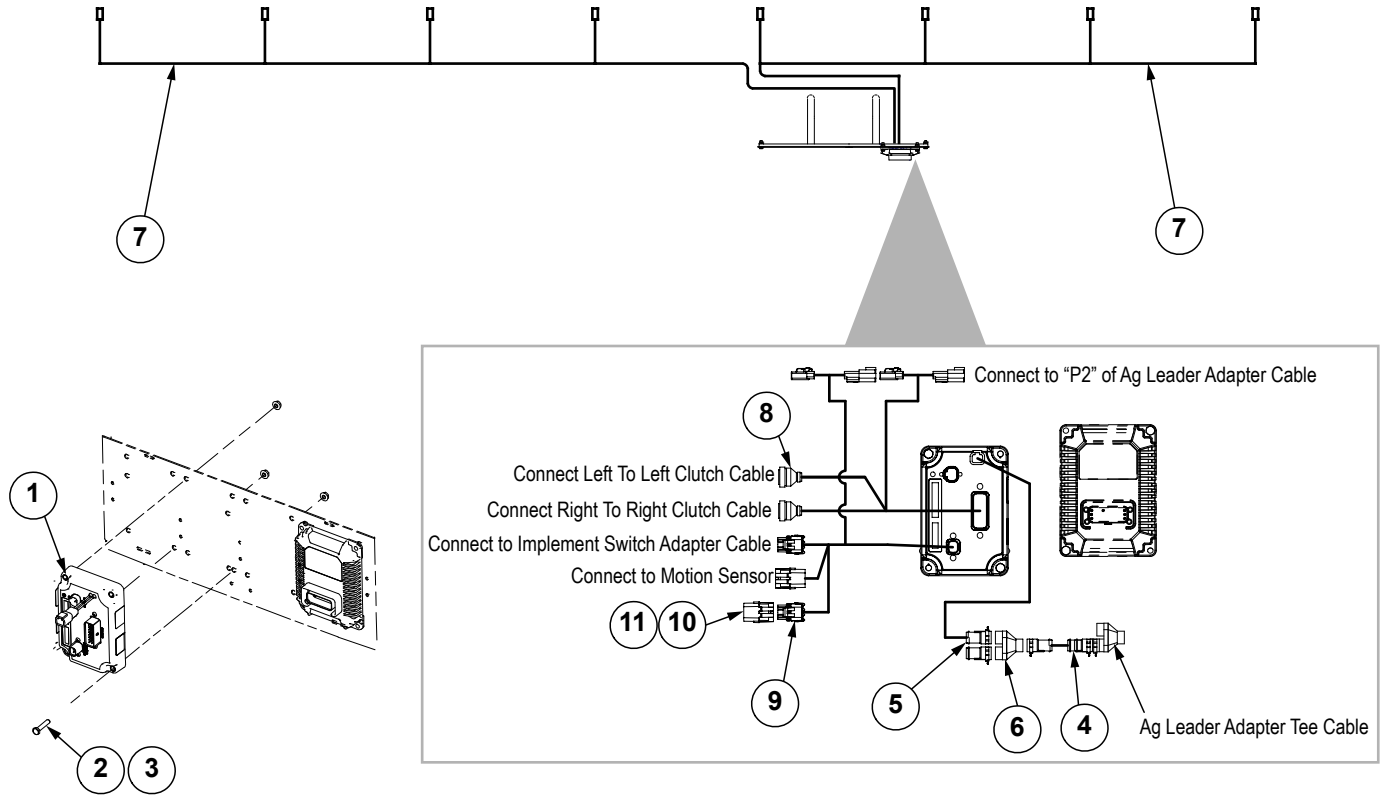

Magnetic Distance Sensor (MDS)
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27
B A
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B A
Power Lead Adapter
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C B A
21
C B A
13
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17
23
24
Radar Y-Cable
Adapter Harness
Extension Harness
25
26
Planter Harness
18
19
20
Magnetic Distance Sensor (MDS) Adapter
2
1

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA8047	-	Dust Plug (Black)
	GA9979	-	Dust Plug (Blue)
2	GA8046	-	Dust Plug (Black)
	GA9978	-	Dust Plug (Blue)
3	G1K320	-	2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals
4	GA5600	1	Magnetic Distance Sensor
5	GD8751	-	Magnetic Distance Sensor Pulse Wheel
6	GD13348	-	Insulated Clamp, 11⁄16"
7	GD8770	1	Bracket
8	G11124	2	Hex Serrated Flange Cap Screw, 3⁄8"-16 x 1"
	G10229	2	Lock Washer, 3⁄8"
	G10101	2	Hex Nut, 3⁄8"-16
9	GD8771	1	Spring Wave Washer
10	GD11089	-	Sealing Plug
11	GA17547	1	Power Lead Adapter
12	GA9144	-	Monitor/Radar Adapter Cable, 10"
13	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
	G1K825	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
14	G1K268	-	Console Cable Connector Kit, Includes: (1) Cable Clamp, (1) 3-Pin Connector, (1) Lock Ring, (3) Female Terminal Pins
15	G8647x	-	KPM III Backlit Console W/Brush (Item 22), Dust Plug (Item 33), Console Mounting Bracket Hardware And Power Harness
	GA12403	-	Mounting Bracket Assembly, Includes: (2) Mounting Brackets, (2) Connector Halves, (1) Compression Spring, (1) Tension Knob, (1) 1⁄4"-20 x 1 3⁄4" Hex Head Cap Screw, (1) 1⁄4" Plastic Washer, (1) 1⁄4" Steel Washer
	GR1762	-	Console Mounting Bracket Hardware Package, Includes: (3) No. 10-32 x 5⁄8" Hex Socket Pan Head Screws, (3) No. 10 Lock Washers (Included W/G8647X)
	GA16082	-	Power Harness (Included W/G8647X)
16	G1K322	-	4-Pin Connector Kit W/Male Housing, Includes: (4) Female Socket Contacts And (1) Cable Clamp
17	---	-	See Tractor/Planter Wiring Harness, Items 18 And 39 on page P209
18	GA7852	-	Planter Harness W/Dust Caps (20 Connectors)
	GB1090	-	Dust Cap
19	G10745401	-	Seed Tube W/Computerized Sensor
	GA20902	-	Seed Tube (With Holes For Sensor Installation) (Included W/G10745401)
20	GA7859	1	Magnetic Distance Sensor Adapter (Analog To Digital)
21	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
	G1K362	-	3-Pin Female Connector Kit (Blue), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
22	GR0594	-	Brush
23	GR0586	1	Radar Y-Cable (Used To Connect Radar Distance Sensor For Multiple Functions)
24	GA7857	-	Adapter Harness, 1'
25	GA7854	-	Extension Harness W/Dust Cap, 15'
	GA7855	-	Extension Harness W/Dust Cap, 30'
	GB1090	-	Dust Cap (Included W/GA7854 and GA7855)
26	GA7853	-	Junction Y-Harness W/Dust Cap
	GB1090	-	Dust Cap (Included W/GA7853)
27	G1K321	-	2-Pin Female Connector Kit (Black), Includes: (3) 2-Pin Female Housings, (6) Pin Contacts, (6) Seals
A	GA6147	-	Magnetic Distance Sensor And Mounting Package (Items 4-9)
B	GR1763	-	KPM III Loaner (Display Only)

(103002)

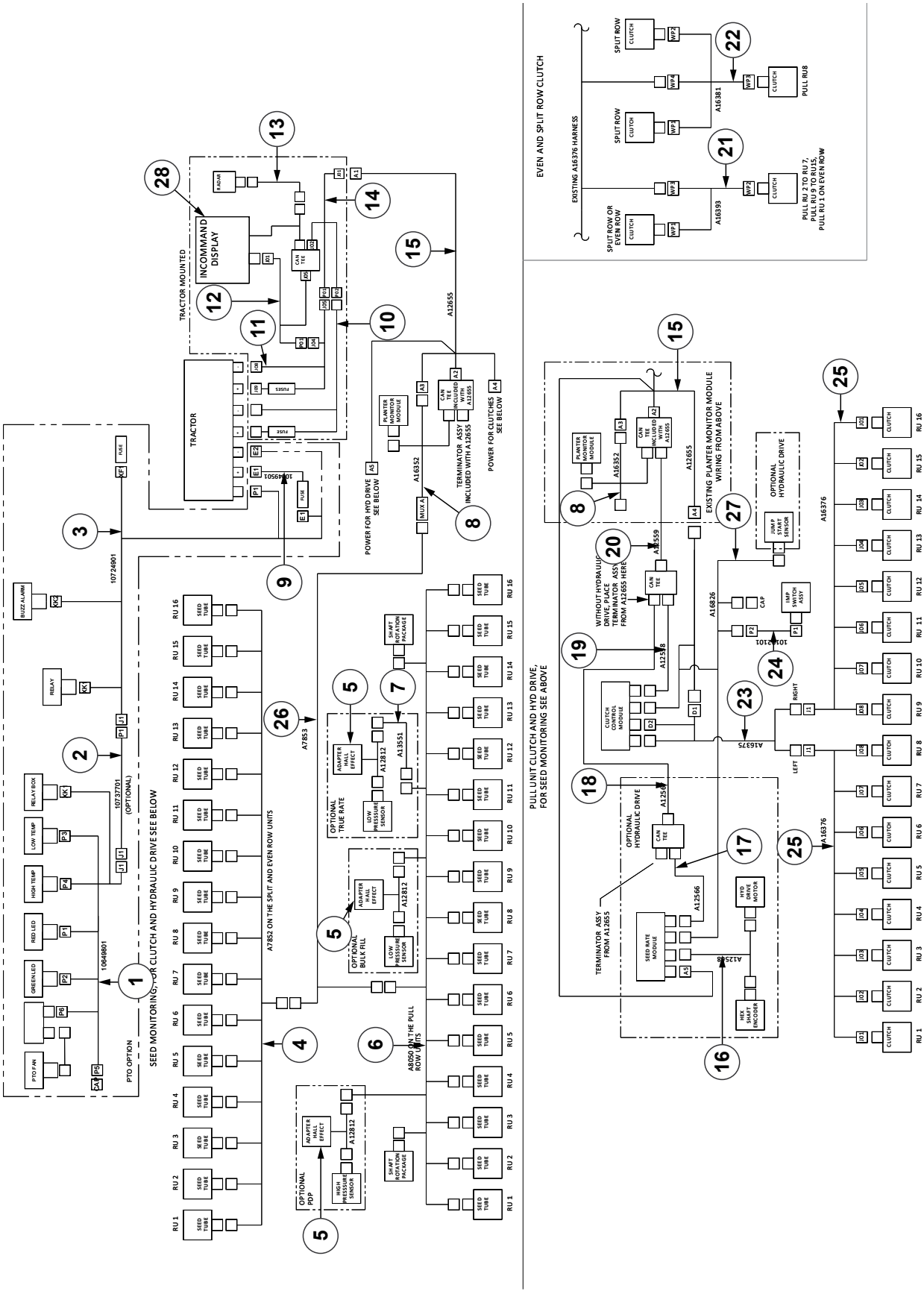

1
2
Connect to Vacuum
Low Pressure Sensor
13
A3 Connector
Ground Ring Terminal
11
Tee
MUX A
10
MUX B
12
Connect to Seed Tube
Sensor on Each Row Unit
9
Connect A4 to Section Adapter
Cable (Clutch) If Applicable
Connect A5 to Speed Rate Control
(Hydraulic Drive) If Applicable
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5

ITEM	PART NO.	QTY.	DESCRIPTION
1	---	1	See "Shaft Rotation Sensor" on page P219
2	---	1	See "Shaft Rotation Sensor" on page P219
3	GD18013	1	Bracket
4	GD19295	1	Support
5	G10019	6	Hex Head Cap Screw, 5⁄16"-18 x 1"
6	G10620	6	Serrated Flange Nut, 5⁄16"-18
7	GA16351	1	Planter Monitor Module
8	GA12563	1	Module Cover Assembly W/Lock Clamps
9	GA12555 GA12655	1 1	Implement Cable (12 Row) Implement Cable (16 Row)
10	GA16352	1	PMM Cable
11	GA7853 GB1090	1 -	Junction Y-Harness W/Dust Cap Dust Cap
12	GA7852 GA8050 GD11993	1 1 -	Planter Harness W/Dust Caps, 12 Row (20 Connectors) Planter Harness W/Dust Caps, 16 Row (22 Connectors) Dust Cap
13	GA13551		Tee Junction Harness

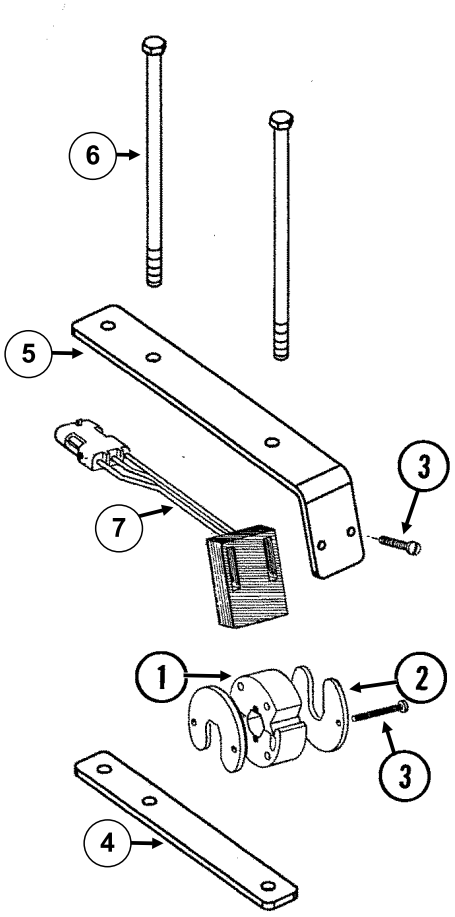


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA12537	1	Clutch Control Module
2	G10133	2	Hex Head Cap Screw, 5⁄16"-18 x 1½"
3	G10620	2	Serrated Flange Nut, 5⁄16"-18
4	GA12559	1	Can Extension Cable, 5"
5	GA12558	1	Can Stub Cable, 8"
6	GD18176	1	Y-Splice Connector
7	GA16383 GA16376	2 2	Clutch Cable, 12 Row (6 Connectors) Clutch Cable, 16 Row (8 Connectors)
8	GA16382 GA16375	1 2	Section Adapter Cable (2 Row), 12 Row Section Adapter Cable (2 Row), 16 Row
9	GA16826	1	Implement Switch Extension Cable
10	GD11079	1	3 Pin Receptacle, Black
11	GD11089	3	Sealing Plug

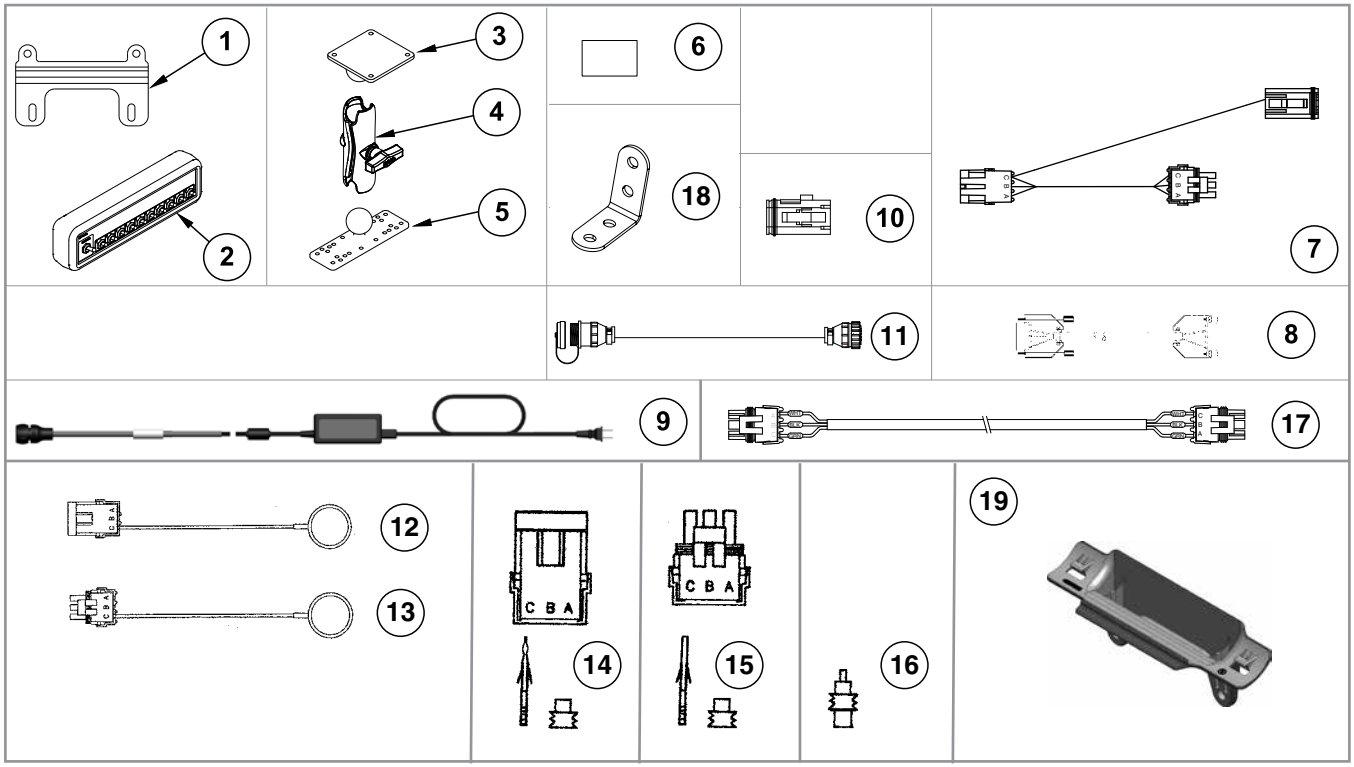
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SEED MONITORING, OR CLUTCH AND HYDRAULIC DRIVE SEE BELOW
PTO OPTION
A7852 ON THE SPLIT AND EVEN ROW UNITS
A8050 ON THE PULL ROW UNITS
PULL UNIT CLUTCH AND HYD DRIVE, FOR SEED MONITORING SEE ABOVE
TRACTOR MOUNTED
INCOMMAND DISPLAY
TRACTOR
POWER FOR HYD DRIVE SEE BELOW
POWER FOR CLUTCHES SEE BELOW
TERMINATOR ASSY INCLUDED WITH A12655
EVEN AND SPLIT ROW CLUTCH
EXISTING A16376 HARNESS
SPLIT ROW OR EVEN ROW
SPLIT ROW
PULL RU 8
PULL RU 2 TO RU 7, PULL RU 9 TO RU 15, PULL RU 1 ON EVEN ROW
EXISTING PLANTER MONITOR MODULE WIRING FROM ABOVE
WITHOUT HYDRAULIC DRIVE, PLACE TERMINATOR ASSY FROM A12655 HERE
OPTIONAL HYDRAULIC DRIVE
TERMINATOR ASSY FROM A12655
PTO FAN
RELAY BOX
LOW TEMP
HIGH TEMP
RED LED
GREEN LED
BUZZ ALARM
RELAY
FUSE
CAN TEE
CAN TEE INCLUDED WITH A12655
PLANTER MONITOR MODULE
MUX A
ADAPTER HALL EFFECT
LOW PRESSURE SENSOR
HIGH PRESSURE SENSOR
OPTIONAL TRUE RATE
OPTIONAL BULK FILL
OPTIONAL PDP
SHAFT ROTATION PACKAGE
SEED TUBE
SEED RATE MODULE
HYD DRIVE MOTOR
HYD SHAFT ENCODER
CLUTCH CONTROL MODULE
JUMP START SENSOR
IMP SWITCH ASSY
CAP
OPTIONAL HYDRAULIC DRIVE
LEFT
RIGHT
CLUTCH
RU 1
RU 2
RU 3
RU 4
RU 5
RU 6
RU 7
RU 8
RU 9
RU 10
RU 11
RU 12
RU 13
RU 14
RU 15
RU 16

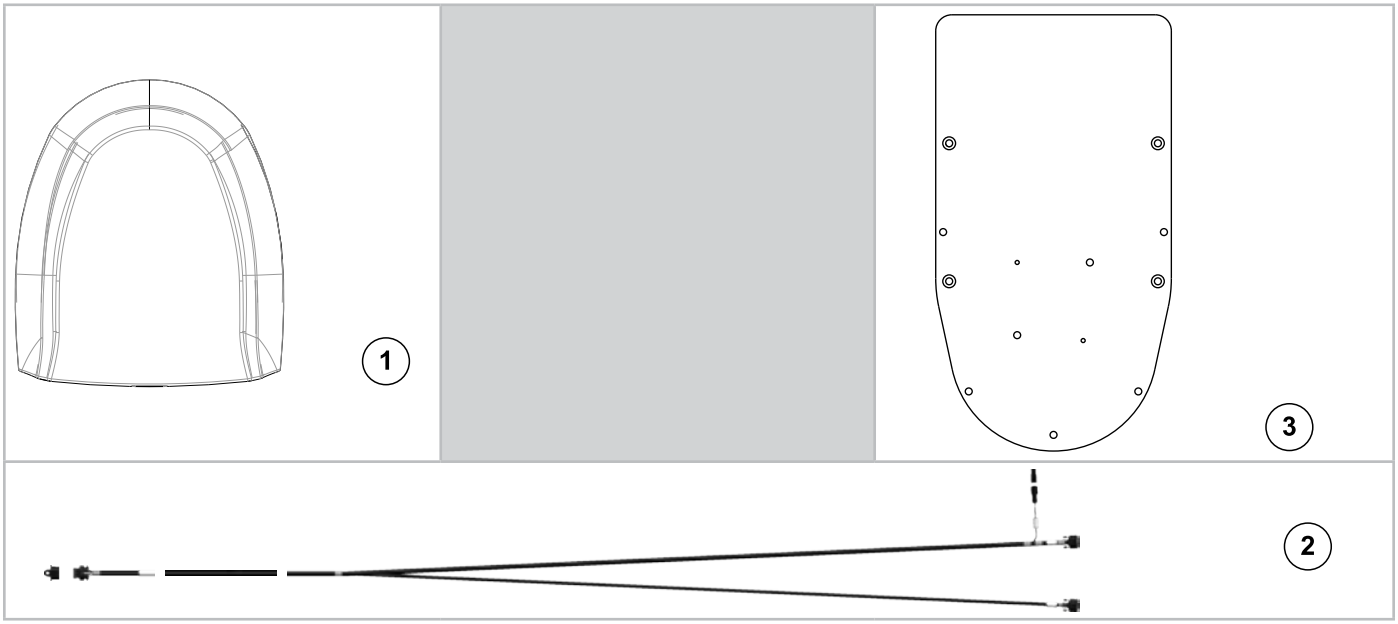
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10649801	1	PTO Harness
2	G10737701		PTO Extension Harness
3	G10724901	1	PTO Tractor Power Harness
4	GA7851 GA7852 GD11993	1 1	Planter Harness W/Dust Caps, 12 Row (16 Connectors) Planter Harness W/Dust Caps, 16 Row (20 Connectors) Dust Cap
5	GA12812	1	Hall Effect Adapter
6	GA7852 GA8050 GD11993	1 1 -	Planter Harness W/Dust Caps, 16 Row (20 Connectors) Planter Harness W/Dust Caps, 18 Row (22 Connectors) Dust Cap
7	GA13551	1	Tee Junction Harness
8	GA16352	1	PMM Cable
9	G10049501		Tractor Battery Connection Harness and Fuse Kit
10	GA12598 G11126801	1	Seed Rate Power Cable, InCommand 1200 (2021-2025 Production) Seed Rate Power Cable, InCommand Go (2026 Production and On)
11	GA14452 G11126701	1 1	Power Cable, InCommand 1200 (2021-2025 Production) Power Cable, InCommand Go (2026 Production and On)
12	G10428901 G11126901	1 1	InCommand 1200 Display Cable (2021-2025 Production) InCommand Go Display Cable (2026 Production and On)
13	GA12596	1	Radar Adapter Cable
14	GA14450	1	CAN Adapter Cable
15	GA12555 GA12655	1 1	Implement Cable, 12 Row Implement Cable, 16 Row
16	GA12568	1	Seed Rate Cable
17	GA12566	1	Cab Stub Cable, 6" (Hydraulic Drive)
18	GA12567	1	Can Extension Cable, 4" (Hydraulic Drive)
19	GA12558	1	Can Stub Cable, 8"
20	GA12559	1	Can Extension Cable, 5"
21	GA16393	14	Split Row Cable (2 Rows)
22	GA16381	1	Split Row Cable (3 Rows)
23	GA16382 GA16375	1 1	Section Adapter Cable (2 Row), 12 Row Section Adapter Cable (2 Row), 16 Row
24	G10192101	1	Implement Switch Adapter Harness
25	GA16383 GA16376	2 2	Clutch Cable, 12 Row (6 Connectors) Clutch Cable, 16 Row (8 Connectors)
26	GA7853 GB1090	1 -	Junction Y-Harness W/Dust Cap Dust Cap
27	GA16826	1	Implement Switch Extension Cable
28	GA24887 G11126001	1 1	InCommand 1200 Display InCommand Go Display



ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1414	1	Actuator
2	GD11474	2	Cover
3	G11960	8	Phillips Pan Head Machine Screw, No. 8-32 x 1½", Staninless Steel
	G11961	4	Flat Washer, No. 8
	G11202	8	Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel
4	GD18168	2	Mount
5	GD18118	2	Shaft Sensor Mount
6	G10229401	8	Hex Head Cap Screw, ⅜"-16 x 8"
	G11387	4	Lock Washer, ⅜"
	G10108	8	Hex Nut, ⅜"-16
7	GR1415	1	Rotation Sensor
A	GA13521	-	Shaft Sensor Mounting Package (Items 2-3 and 4-6)
B	GA8135	-	Shaft Rotation Kit, Includes: (2) Actuators (2) Rotation Sensors



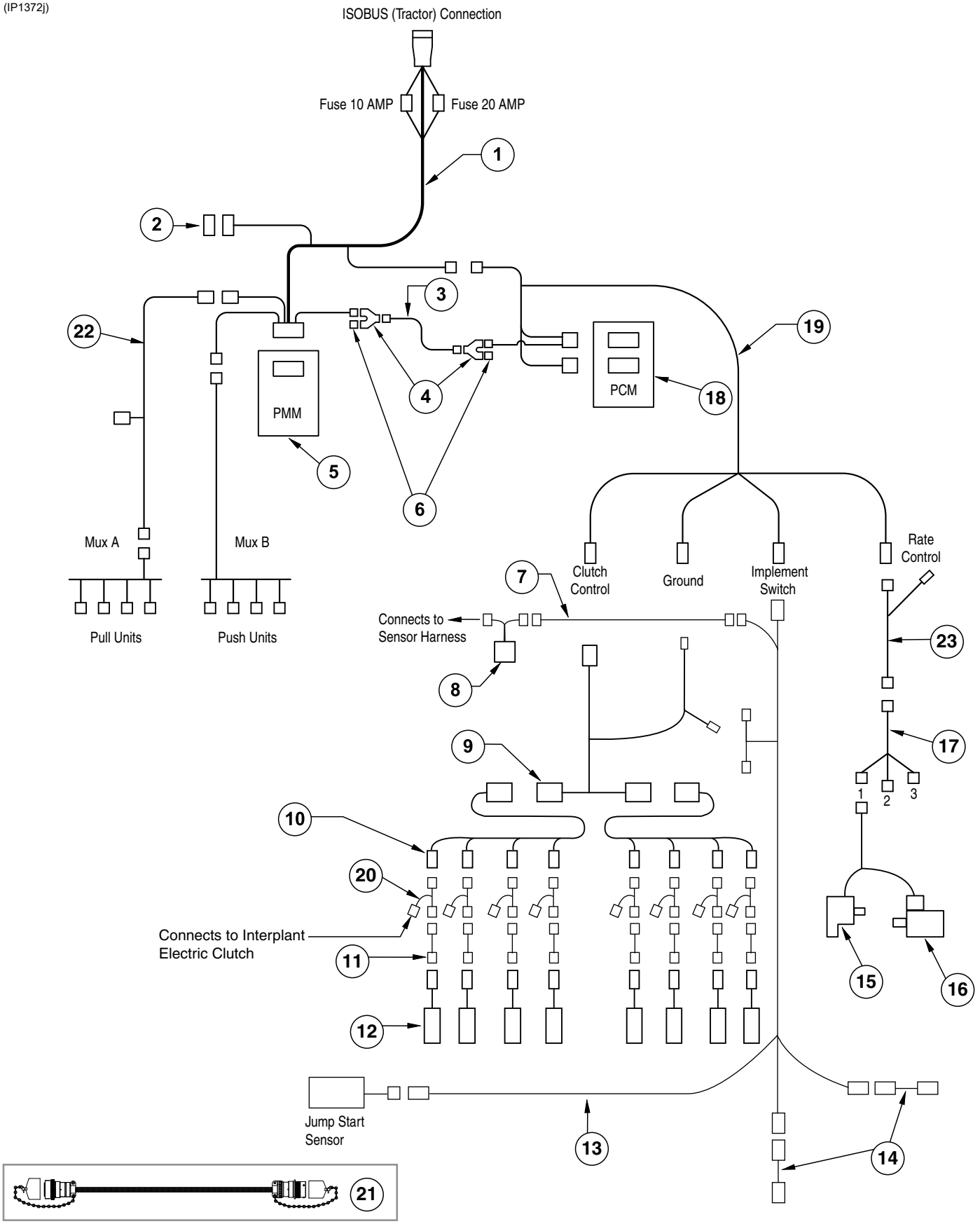
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11125101	1	Switch Box Bracket
	G12103	4	Lock Washer, M6
	G12212-08	4	Phillips Pan Head Machine Screw, M6-1.0 x 8, Grade 2
2	GA12539	1	Switch Box Module, InCommand 1200 (2021-2025 Production)
	G11125501	1	Switch Box Console, InCommand Go (2026 Production and On)
3	GD18408	1	Ram Vesa Base
4	GA12868	1	Ram Double Socket Arm
5	GD18407	1	Ram Base
6	GA14449	1	Flash Drive (InCommand)
7	GA13572	1	Multi-Product Cable
8	GA12853	1	Null Modem Cable
9	GA24649	1	Power Supply (InCommand)
10	GR1839	1	Dust Plug
11	GA13562	-	Cable Extension, 15' (Ag Leader)
12	GA8046	-	Dust Plug (Black)
	GA9978	-	Dust Plug (Blue)
13	GA8047	-	Dust Plug (Black)
	GA9979	-	Dust Plug (Blue)
14	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
	G1K362	-	3-Pin Female Connector Kit (Blue), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
15	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
	G1K825	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
16	GD11089	-	Sealing Plug
17	GA16923	-	Dickey John Adapter Cable
18	G11125001	-	Switch Box Angle Bracket, InCommand Go
19	G11125201		Switchbox Quick Attach Bracket, InCommand Go
A	GA14448	-	Ram Mount Hardware Kit



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10254901	1	GPS Receiver
2	G11268201	1	GPS Dual Port Cable
3	G10254801	1	GPS Mount Bracket

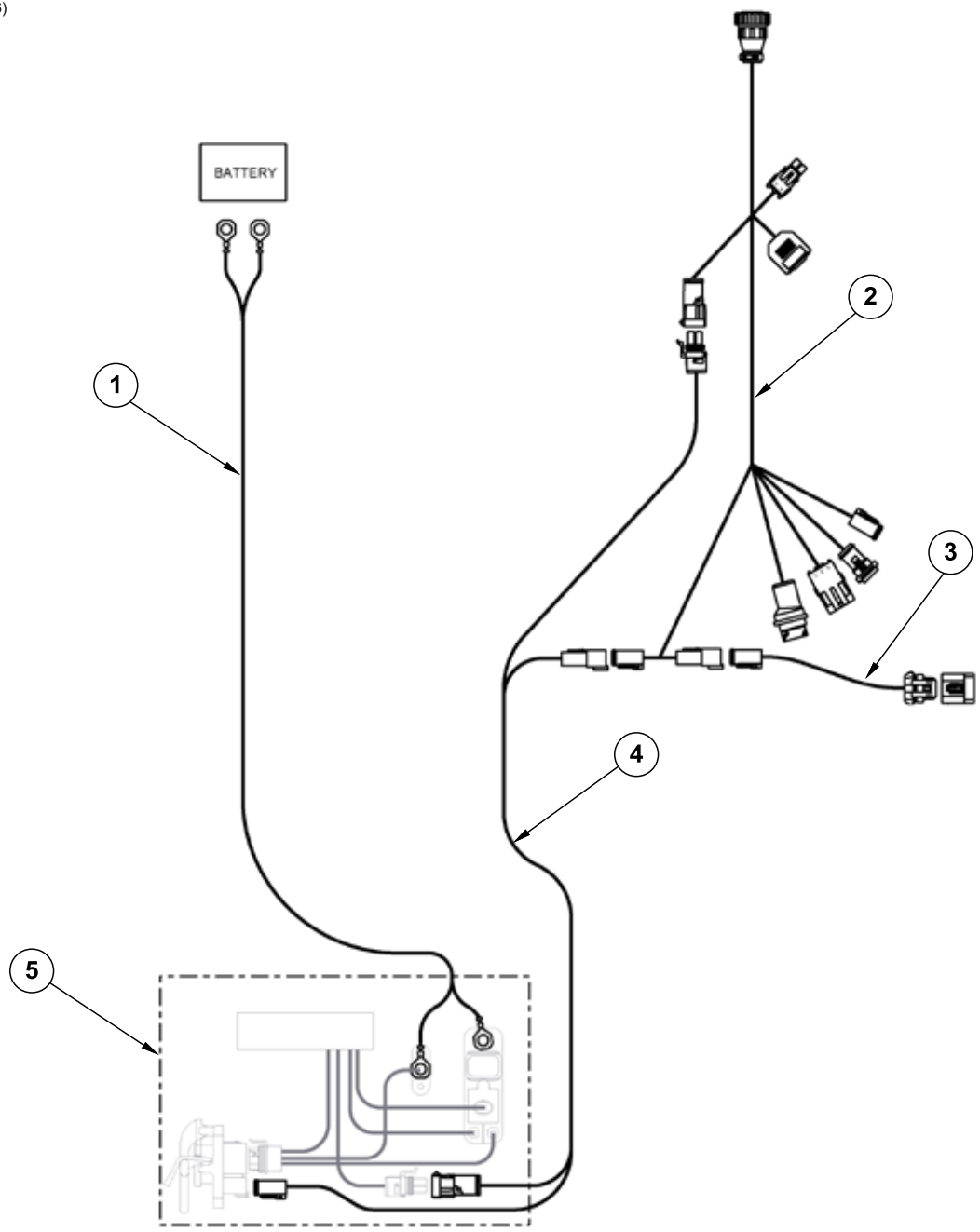
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(IP1372j)


ISOBUS (Tractor) Connection
Fuse 10 AMP
Fuse 20 AMP
1
2
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4
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12
13
14
15
16
17
18
19
20
21
22
23
PMM
PCM
Mux A
Mux B
Pull Units
Push Units
Clutch Control
Ground
Implement Switch
Rate Control
Connects to Sensor Harness
Connects to Interplant Electric Clutch
Jump Start Sensor
1
2
3

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA15881 GA15907	1 -	ISOBUS Implement Cable, 456", 12 Row ISOBUS Implement Cable, 540", 16 Row
2	GD22968	1	Terminatin Bias Circuit
3	GA15883	1	CAN Jumper Cable
4	GD22975	1	Y-Splitter, 2-Way
5	GA15290	1	ISOBUS Planter Monitor Module
6	GD22974	1	Terminating Resistor, 2-Way DTM
7	GA16343	1	Jump Start Cable
8	GA12812	1	Hall Effect Adapter
9	GA16382 GA16375	1 -	Section Adapter Cable, 12 Row (2 Row) Section Adapter Cable, 16 Row (2 Row)
10	GA16383 GA16376	2 -	Clutch Cable (6 Connectors), 12 Row Clutch Cable (8 Connectors), 16 Row
11	GA17200	-	Adapter Clutch HS Driver Cable
12	GA16374	-	See "Ag Leader Electric Clutch" on page P9
13	GA16826		Implement Switch Extension Cable
14	GA16829	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Forces Springs Option" on page P7
15	GA12565	1	Encoder Module
16	---	-	See "Hydraulic Motor Assembly" on page P195
17	GA15884	1	Rate Control Cable
18	GA15288	1	Product Control Module
19	GA15882	1	Product Control Module Cable
20	GA16393 GA16381	1 -	Interplant Cable (2 Rows) Interplant Cable (3 Rows)
21	GA16350	-	ISOBUS Extension Cable
22	GA7853 GB1090	- -	Junction Y-Harness W/Dust Cap Dust Cap (Included W/GA7853)
23	GA12568	-	Seed Rate Cable

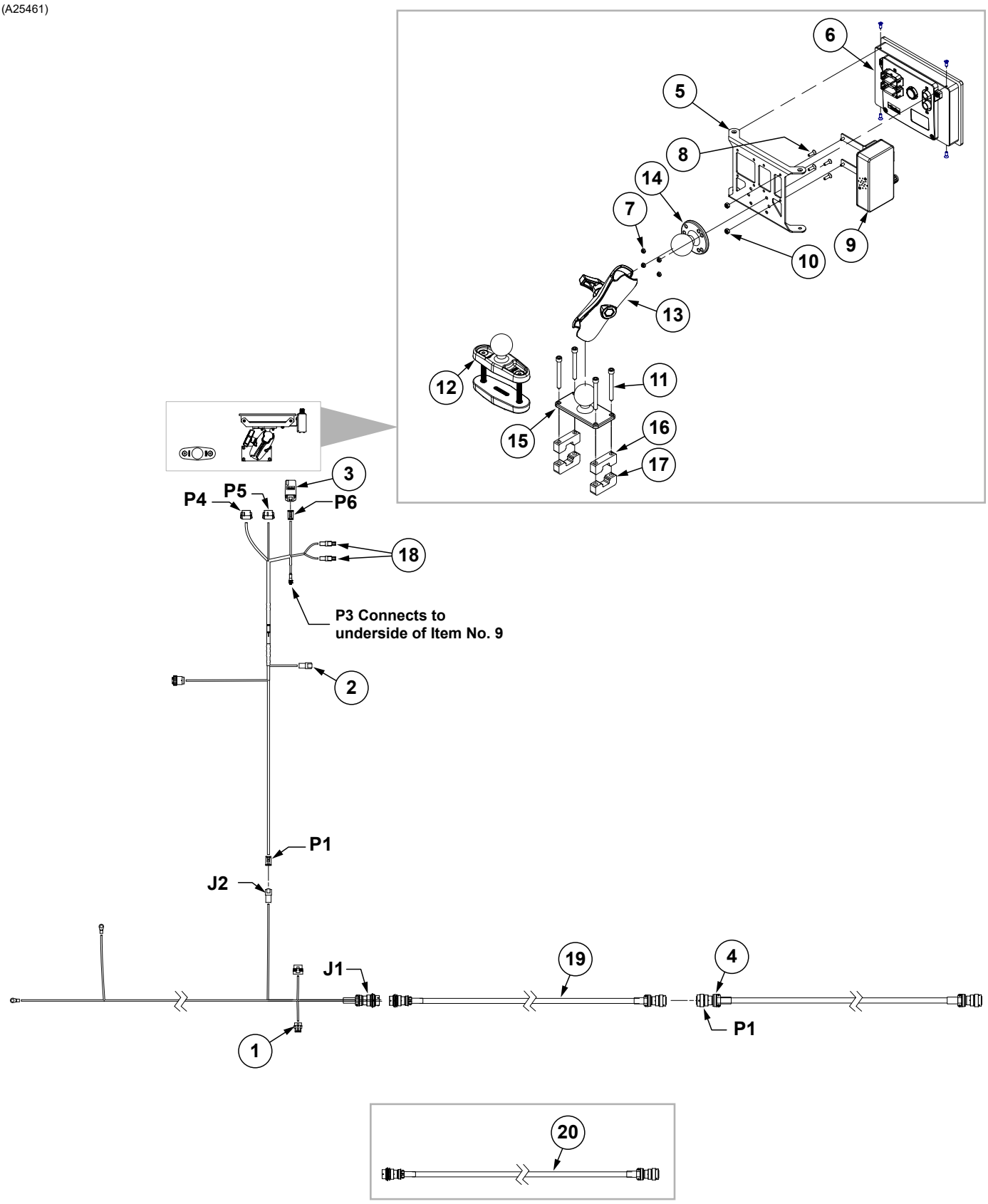
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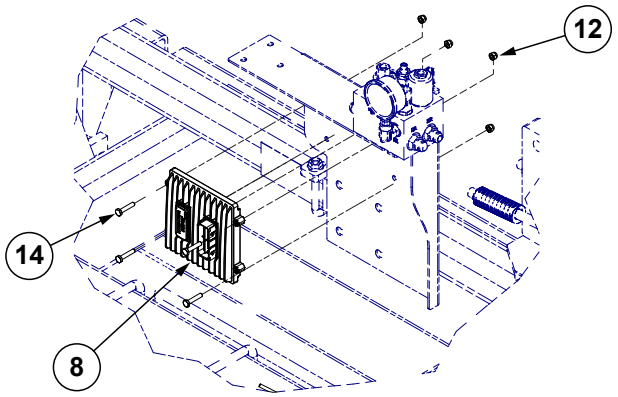
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA16834	1	Battery Cable
2	---	-	See "ISOBUS Electric Clutch Package (2021 Production Only)" on page P223 See "Ag Leader Electric Clutch" on page P215
3	GA16355	1	Terminator Cable
4	GA16832	1	ISO Integra Extension Cable
5	GA16833	1	ISO Connector

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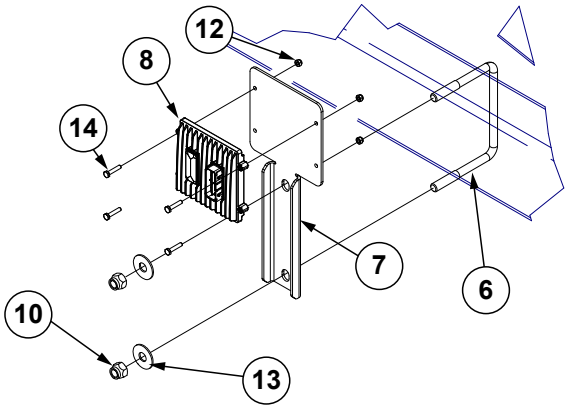
(A25461)


6
5
8
14
7
9
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13
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11
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16
17
3
P4
P5
P6
18
P3 Connects to
underside of Item No. 9
2
P1
J2
J1
19
4
P1
1
20

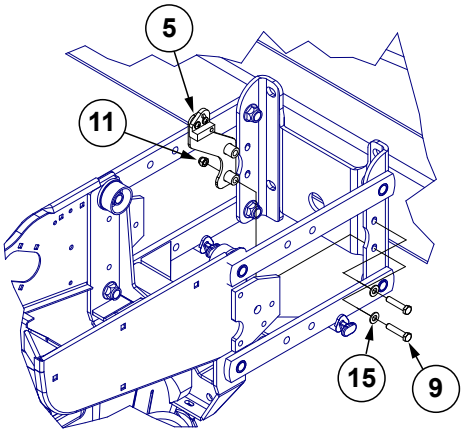
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25365	1	Tractor Power Harness
2	GA25366	1	Hydraulic Down Force Console Harness
3	G10978501	1	Bluetooth Dongle
4	GA25367	1	Hydraulic Down Force Intermediate Harness
5	GD35493	1	Bracket Mount
6	GA26013	1	Display Assembly W/Screen Protector
7	G12122	4	Hex Machine Screw Nut, M4-0.073
8	G11939	4	Phillips Flat Head Machine Screw, M4-0.7 x 14
9	GA25782	1	Speaker Box Assembly
10	G11931	2	Nylon Locknut, 6-32, Grade 2
11	G11106	4	Hex Socket Head Cap Screw, ¼"-20 x 2¼"
12	GA25840	1	Alternate Clamp Base, 1½" Ball
13	GA12868	1	Ram Double Socket Arm, 1½" Ball
14	GD35791	1	Ram C Size, 1½" Ball, Round Base
15	GD35792	1	Ram C Size, 1½" Ball, Rectangle Base
16	GD33758	2	Ram Mount, Top Clamp Block
17	GD33759	2	Ram Mount, Bottom Clamp Block
18	GD22974	2	Terminating Resistor, 2-Way DTM
19	G10810301	-	Hydraulic Down Force Extension Harness, 6' (Optional Harness for Articulated Tractors)
20	GA25557	-	Hydraulic Down Force Extension Harness, 15' (Optional Harness for Articulated Tractors - Replaces Base Harness)



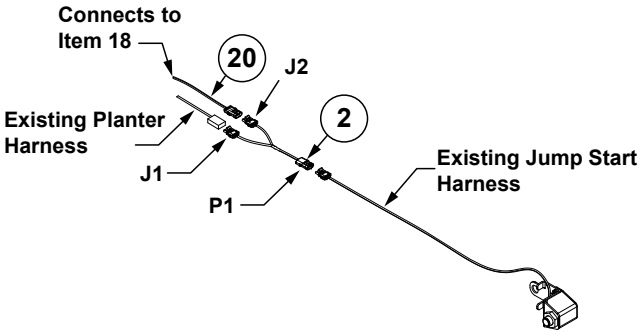
Located In Front of:
12 Row Pull Unit No. 6
16 Row Pull Unit No. 8

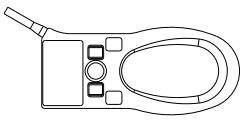


Located Between:
12 Row Pull Units No. 2 and 3; 10 and 11
16 Row Pull Units No. 5 and 6; 11 and 12



Located In:
16 Row Pull Units No. 5 and 12
12 Row Pull Units No. 3 and 10

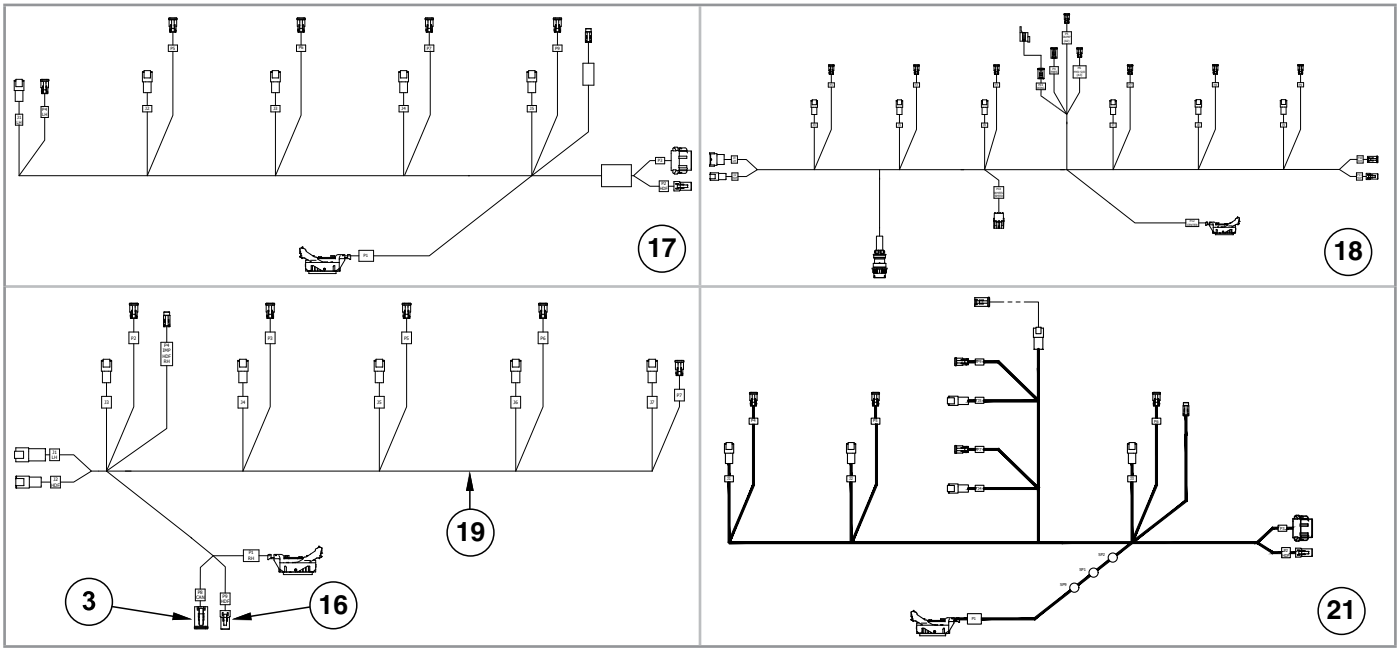




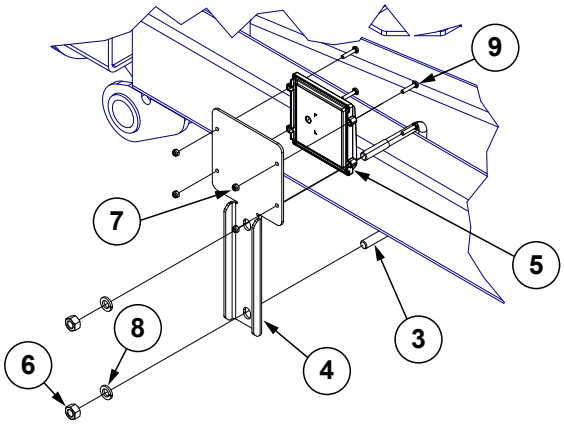
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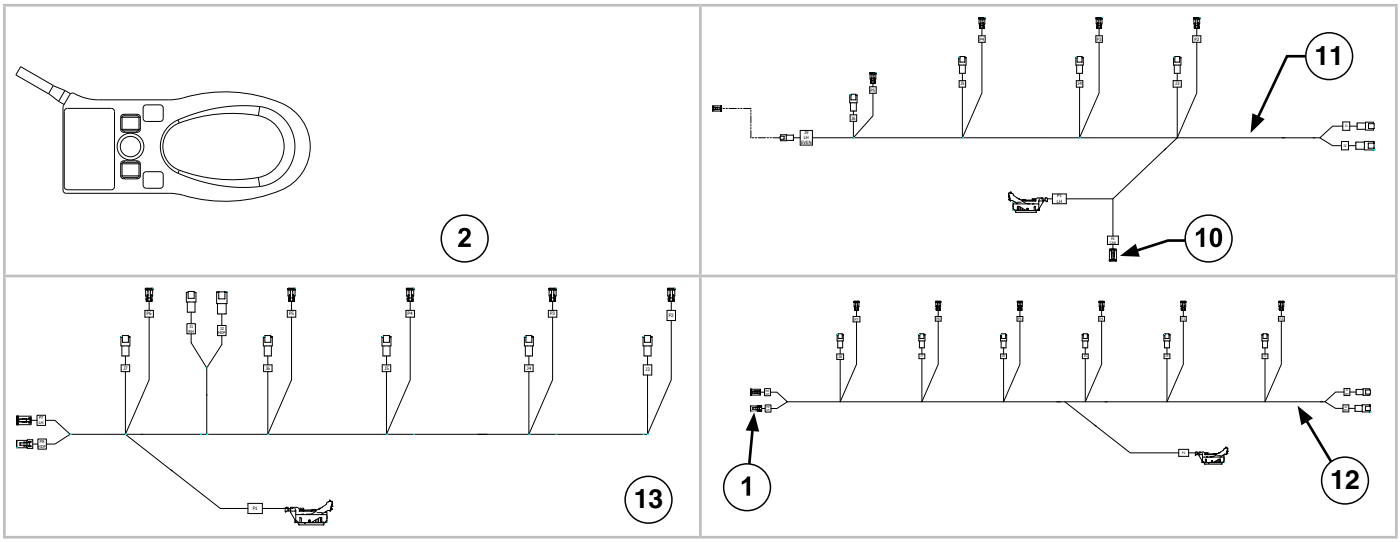


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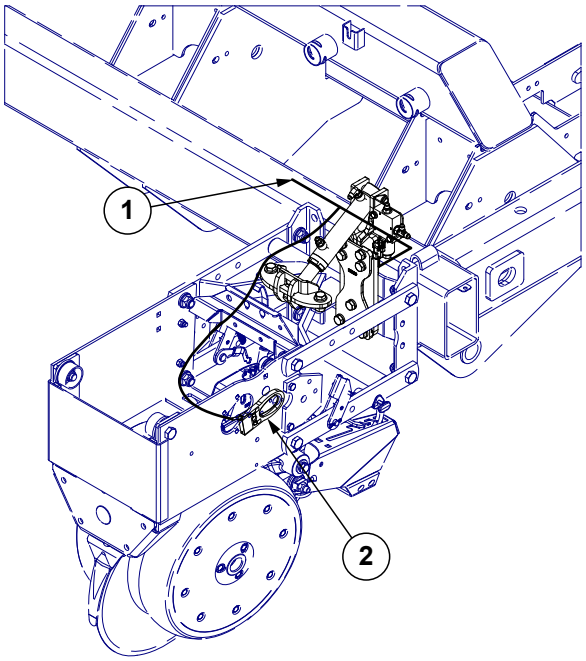
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA26723	16	Sensor Link
2	GA25454	1	Wheel Speed Splitter Harness
3	GD35572	-	CAN Terminator
4	GA25369	1	Hydraulic Down Force Harnesss, 16 Row
5	GA25405	2	Position Switch
6	GD16598	2	U-Bolt, 4" x 7" x ⅝"-11
7	GD35404	2	Module Bracket
8	GA25585	3	Module Assembly
9	G10047	4	Hex Head Cap Screw, ⅜"-16 x 1¾"
10	G10104 G10107	4 4	Hex Nut, ⅝"-11, 16 Row Lock Nut, ⅝"-11, 12 Row
11	G10108	4	Lock Nut, ⅜"-16
12	G10110	12	Lock Nut, ¼"-20, Grade B
13	G10107 G10217	2 2	Lock Nut, ⅝"-11 Washer, ⅝" USS
14	G10857	12	Hex Head Cap Screw, ¼"-20 x 1¼"
15	G11387	4	Hardened Washer, ⅜" SAE
16	GD18347 GD8739	1 2	2-Pin Deutsch Receptacle Sealing Plug, No. 12
17	GA25519	1	Hydraulic Down Force Harness, L.H. (Pull Row Unit), 16 Row
18	GA25520	1	Hydraulic Down Force Harness, Center (Pull Row Unit), 12 and 16 Row
19	GA26844 GA25521	1 -	Hydraulic Down Force Harness, R.H. (Pull Row Unit), 12 Row Hydraulic Down Force Harness, R.H. (Pull Row Unit), 16 Row
20	GA25551	1	Wheel Speed Extension Harness
21	G10142601		Hydraulic Down Force Harness - Wing, L.H. (Pull Row Unit), 12 Row



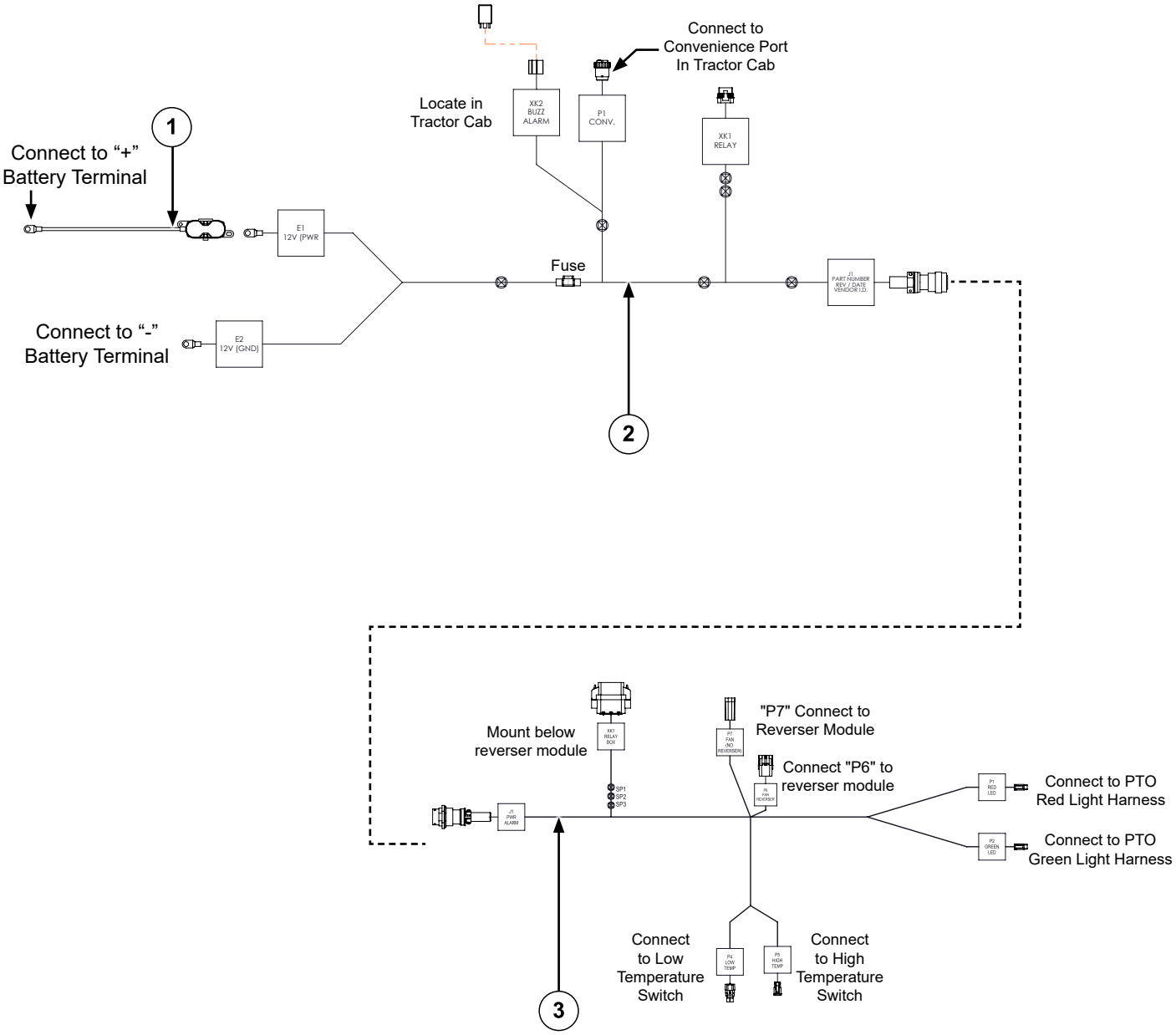


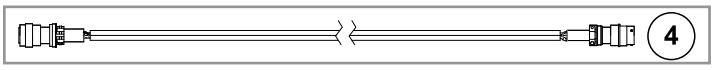
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD25009	-	2-Pin Dust Cap
2	GA26723	15	Sensor Link
3	GD16598	3	U-Bolt, 4" x 7" x ⅝"-11
4	GD35404	3	Module Bracket
5	GA25585	3	Module Assembly
6	G10104	6	Hex Nut, ⅝"-11
7	G10110	12	Lock Nut, ¼"-20, Grade B
8	G10230	6	Lock Washer, ⅝"
9	G10857	12	Hex Head Cap Screw, ¼"-20 x 1¼"
10	GD35572	2	CAN Terminator
11	GA25522	1	Hydraulic Down Force Harness, L.H. (Push Row Unit), 16 Row
12	GA25523	1	Hydraulic Down Force Harness, Center (Push Row Unit), 12 and 16 Row
13	GA25524	1	Hydraulic Down Force Harness, R.H. (Push Row Unit), 16 Row

NOTE: 12 Row L.H. and R.H. Wing Harnesses for Split Row are included w/Pull Row Unit Harnesses listed on previous page.



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25482	1	Hydraulic Down Force Harness (Even-Row)
2	GA26723	1	Sensor Link

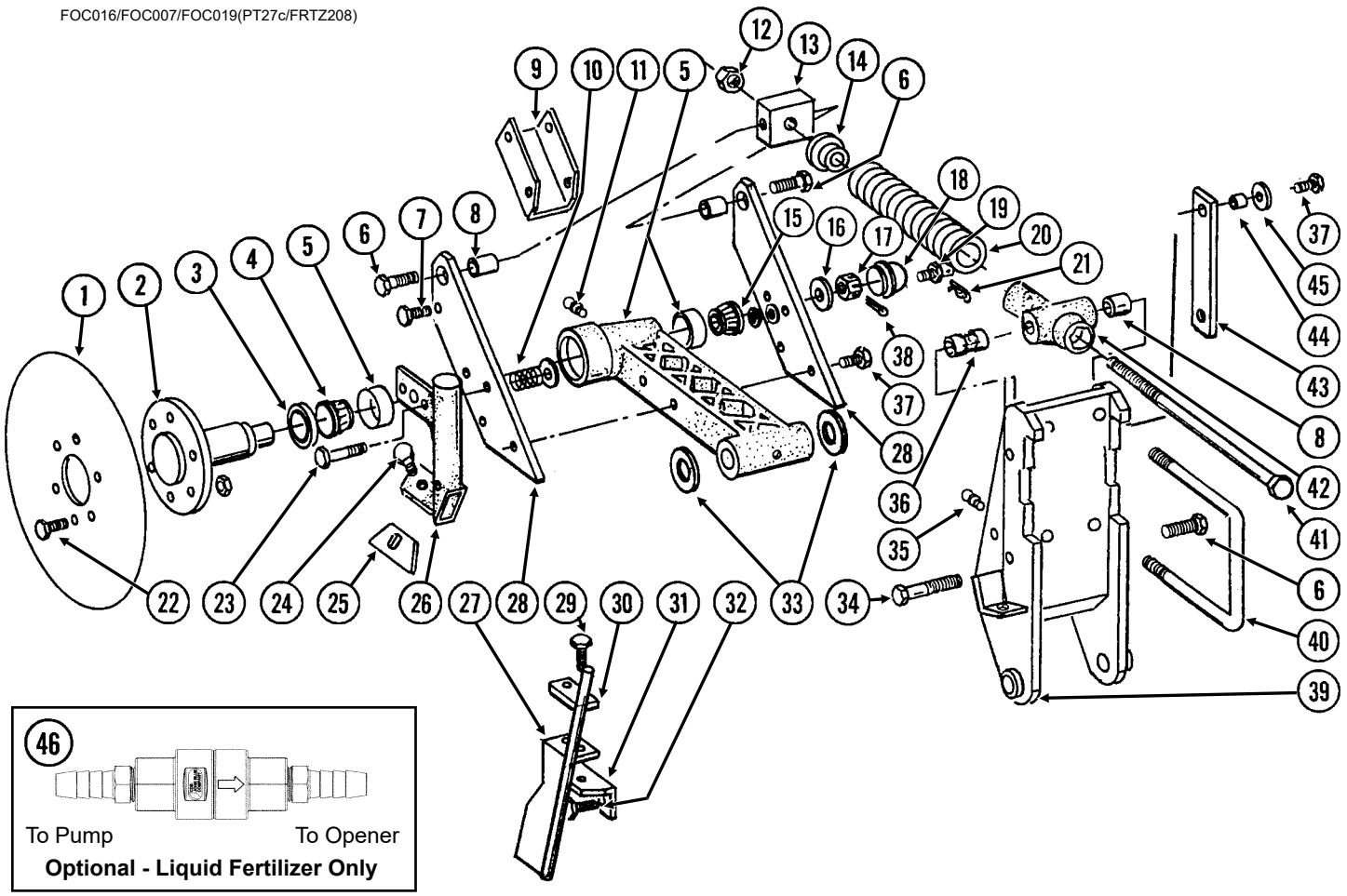




ITEM	PART NO.	QTY.	DESCRIPTION
1	G10049501	1	Tractor Battery Connection Harness and Fuse Kit
2	G10724901	1	Tractor Power Harness
3	G10357401	1	PTO Harness, 3000 Series (2022 Production)
	G10649801	1	PTO Harness, 3000 Series (2023 Production and on)
4	G10737701	-	PTO Extension Harness (Articulated Tractors)

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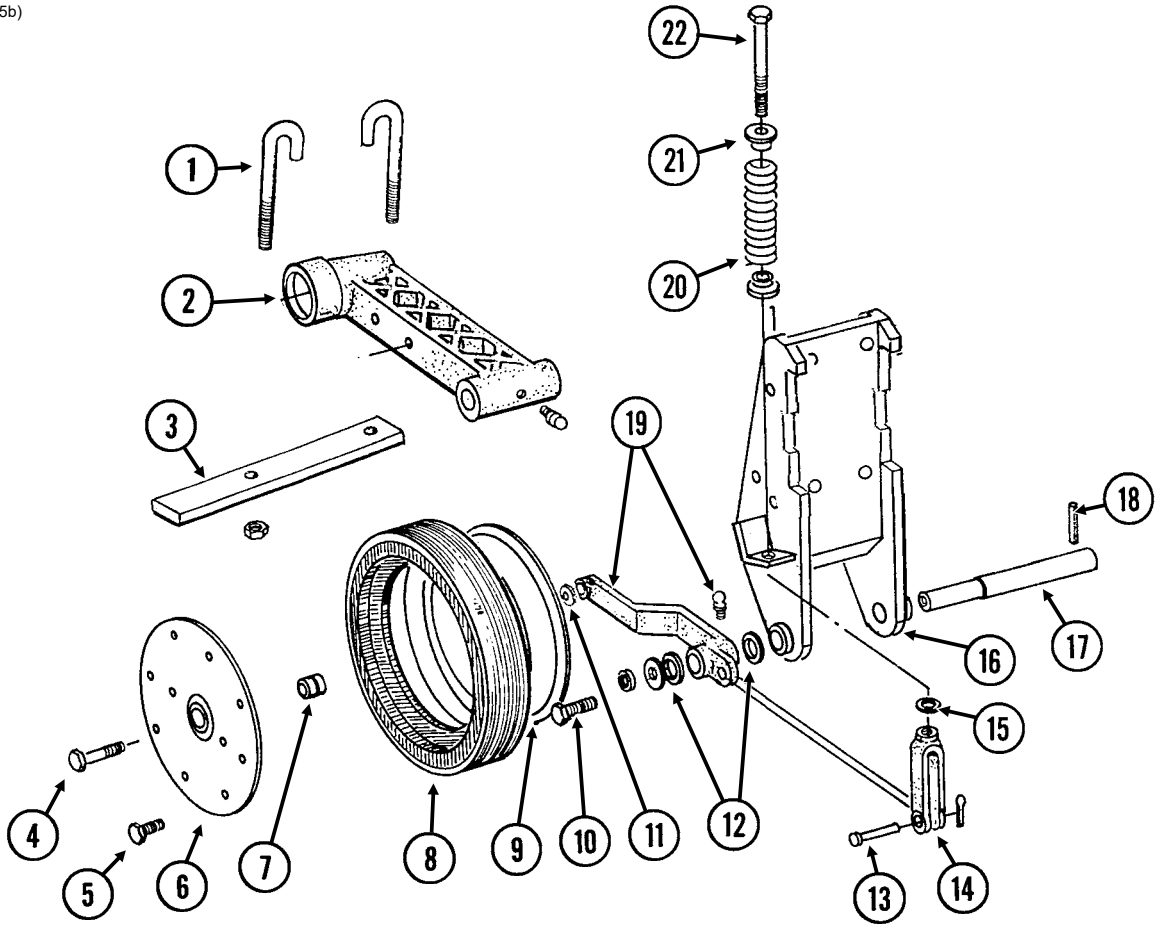
FOC016/FOC007/FOC019(PT27c/FRTZ208)



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD7900	1	Disc Blade, 18"
	GD8247	-	Disc Blade, 20" (Optional)
2	GB0205	1	Spindle
3	GA4286	1	Seal
4	GA4287	1	Bearing
5	GA5887	1	Arm W/Cups And Washers
	GD6553	-	Inner Cup (Included W/GA5887)
	GR0188	-	Outer Cup (Included W/GA5887)
	G11391	3	Flat Washer, ⅝" SAE
6	G10007	3	Hex Head Cap Screw, ⅝"-11 x 1½"
7	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
	G10108	2	Lock Nut, ⅜"-16
8	GB0218	3	Bushing, 21/32" I.D. x ⅞" O.D. x 19/32" Long
9	GD8238	1	Channel
10	GD7962	2	Spring
11	G10641	2	Grease Fitting, ⅛" NPT
12	G10105	3	Hex Nut, ¾"-10
13	GD7908	1	Tap Block
14	GD34923	1	Spring Seat
15	GA0237	1	Bearing
16	G10220	1	Machine Bushing, 1 1/16", 10 Gauge

ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
17	G10507	1	Slotted Nut, 1"-14
18	GD1104	1	Dust Cap
19	GD8276	1	Pin
	G10237	1	Lock Washer, 7/16"
	G10100	1	Hex Nut, 7/16"-14
20	GD10273	1	Compression Spring
21	G10592	1	Hair Pin Clip, No. 11
22	G10594	6	Bolt, 1/2"-13 x 1 1/2"
	G10111	6	Lock Nut, 1/2"-13
23	G10049	2	Hex Head Cap Screw, 3/8"-16 x 2 1/2"
	G11387	2	Flat Washer, 3/8" SAE
	G10108	2	Lock Nut, 3/8"-16
24	G10599	1	Carriage Bolt, 3/8"-16 x 1 1/4"
	G11387	1	Flat Washer, 3/8" SAE
	G10229	1	Lock Washer, 3/8"
	G10101	1	Hex Nut, 3/8"-16
25	GD7912	1	Scraper
26	GB0210	-	Drop Tube, R.H., Dry Fertilizer
	GB0209	1	Drop Tube, L.H., Dry Fertilizer (Shown)
27	GA8689	1	Drop Tube, L.H., Liquid Fertilizer (Shown)
	GA8688	-	Drop Tube, R.H., Liquid Fertilizer
28	GD8224	2	Bar
29	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G10229	2	Lock Washer, 3/8"
30	GD10487	1	Clamp
31	GD10304	-	Angle, R.H.
	GD10303	1	Angle, L.H. (Shown)
32	G10016	2	Hex Head Cap Screw, 1/2"-13 x 2"
	G10111	2	Lock Nut, 1/2"-13
33	G10322	-	Machine Bushing, 1 1/4", 18 Gauge (As Required)
34	G10862	1	Hex Head Cap Screw, 5/8"-11 x 3 1/4"
	G11391	2	Flat Washer, 5/8" SAE
	G10230	1	Lock Washer, 5/8"
35	G10640	1	Grease Fitting, 1/4"-28
36	GD10242	1	Bushing, 2 1/4"
37	G10039	5	Hex Head Cap Screw, 1/2"-13 x 1 3/4"
	G10111	5	Lock Nut, 1/2"-13
38	G10459	1	Cotter Pin, 3/16" x 1 1/2"
39	GA7240	-	Opener Mount, R.H.
	GA7239	1	Opener Mount, L.H. (Shown)
40	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
41	GD7907	1	Special Bolt
42	GB0206	1	Rod Guide
43	GD8239	1	Storage Strap
44	GD7904-02	1	Sleeve, 1/2" x 1/2" Long
45	G11389	3	Flat Washer, 1/2" SAE
46	GA15416	1	Check Valve Assembly

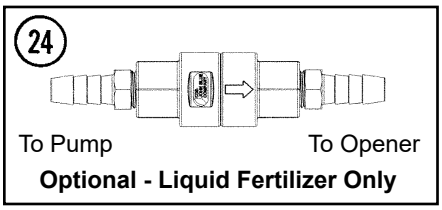
(TWL35d/TWL35b)



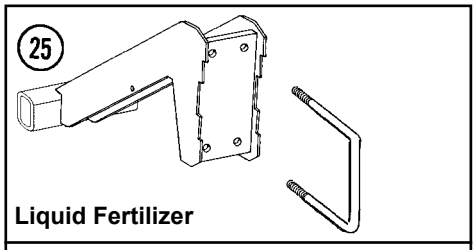
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD9705 G10228 G10102	2 2 2	J-Bolt, ½"-13 Lock Washer, ½" Hex Nut, ½"-13
2	---	-	See “HD Single Disc Fertilizer Opener (Blade and Drop Tube)” on page P235
3	GD9706	1	Lockup Bar
4	G10010	1	Hex Head Cap Screw, ⅝"-11 x 3"
5	G10961 G10620	11 11	Flanged Whiz Lock Screw, 5⁄16"-18 x ⅝", No Serration Serrated Flange Nut, 5⁄16"-18
6	GD26598	1	Half Wheel Cover, Black
7	GA6171	1	Bearing
8	GD11953	1	Offset Tire
9	GD31466	1	Half Wheel, Black
10	G10438 G10228 G11389	1 1 1	Hex Head Cap Screw, ½"-13 x ¾" Lock Washer, ½" Flat Washer, ½" SAE
11	G10230	1	Lock Washer, ⅝"
12	G10526	10	Machine Bushing, 1" (.048" Thick)
13	G10560 G10456	1 1	Clevis Pin, ½" x 1¾" Cotter Pin, ⅛" x ¾"
14	GD8218	1	Yoke
15	G11391	1	Flat Washer, ⅝" SAE
16	---	-	See “HD Single Disc Fertilizer Opener (Blade and Drop Tube)” on page P235
17	GD7911	1	Pivot Pin
18	G10610	1	Spring Pin, ⅜" x 2"
19	GA8306 GA8305 G10640	- 1 1	Wheel Arm W/Grease Fitting, R.H. Wheel Arm W/Grease Fitting, L.H. (Shown) Grease Fitting, ¼"-28 (Included W/GA8305 and GA8306)
20	GD8308	1	Spring
21	GB0212	2	Spring Washer
22	GD9709	1	Special Bolt
A	G1K215	-	Lockup Kit (Items 1 And 3) **(G1K215 is Obsolete, Reference IS295)**
B	GA18311	-	Gauge Wheel Complete (Items 5-9)

FOC018(TWL34e/TWL34f/TWL34g/FRTZ268/FRTZ208)

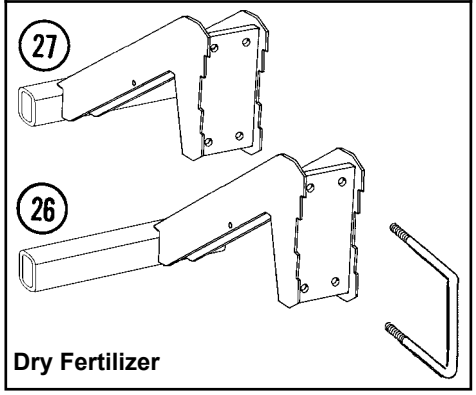
NOTE: R.H. and L.H. is determined by which side of blade it is on in the direction of travel.



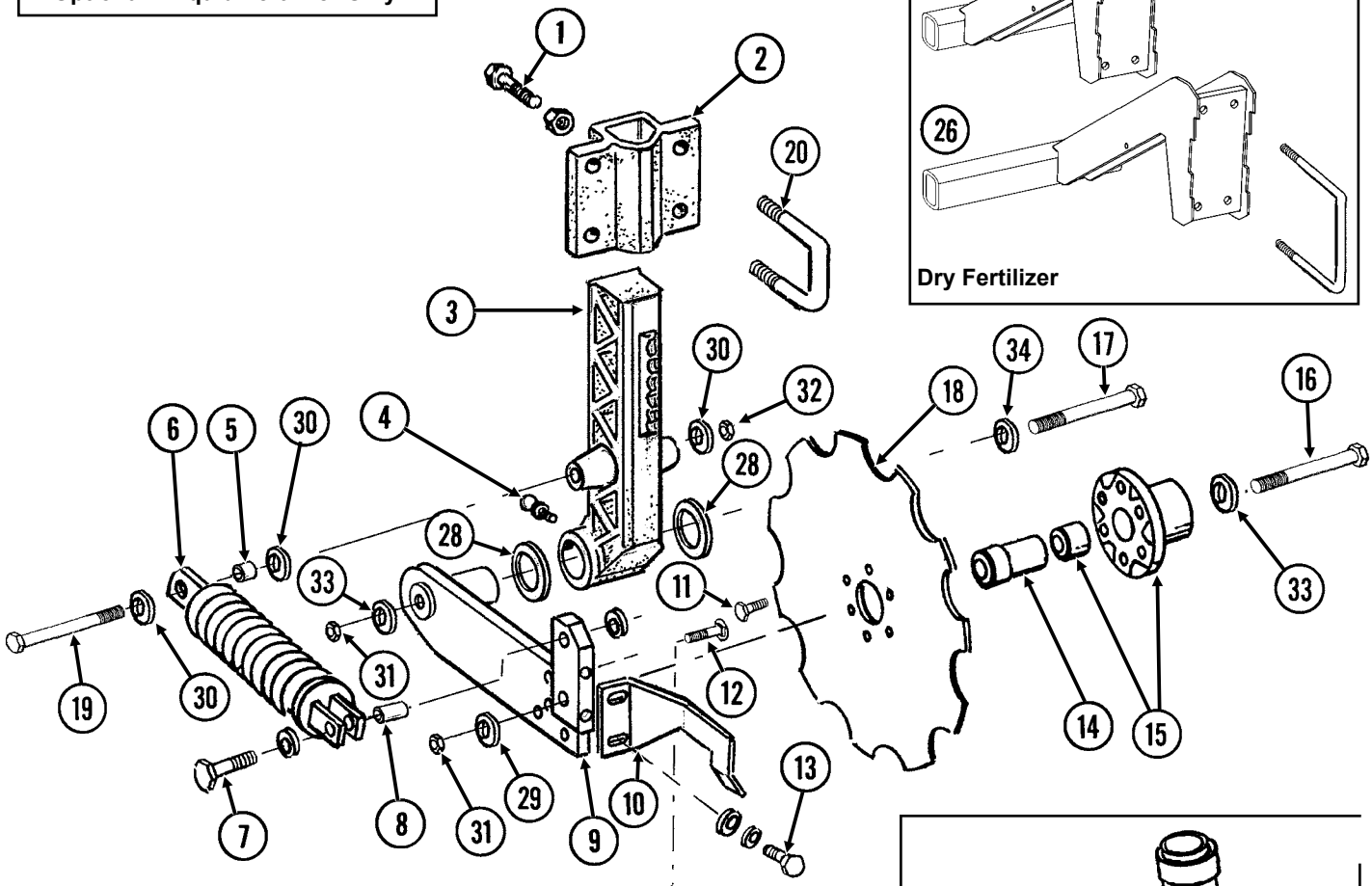
Optional - Liquid Fertilizer Only

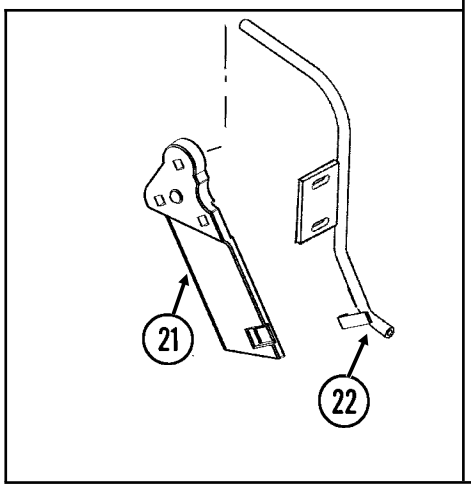


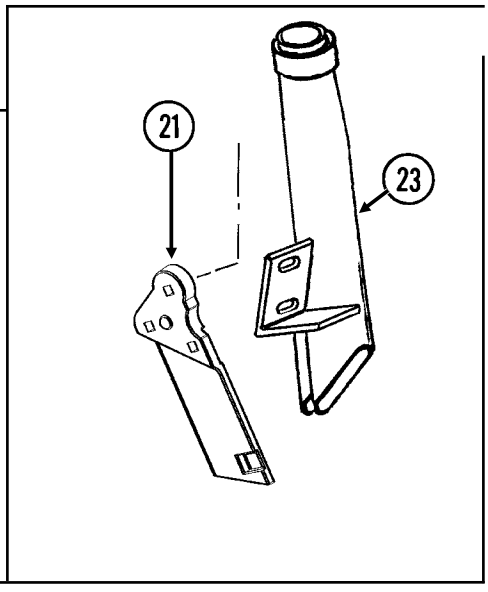
Liquid Fertilizer



Dry Fertilizer

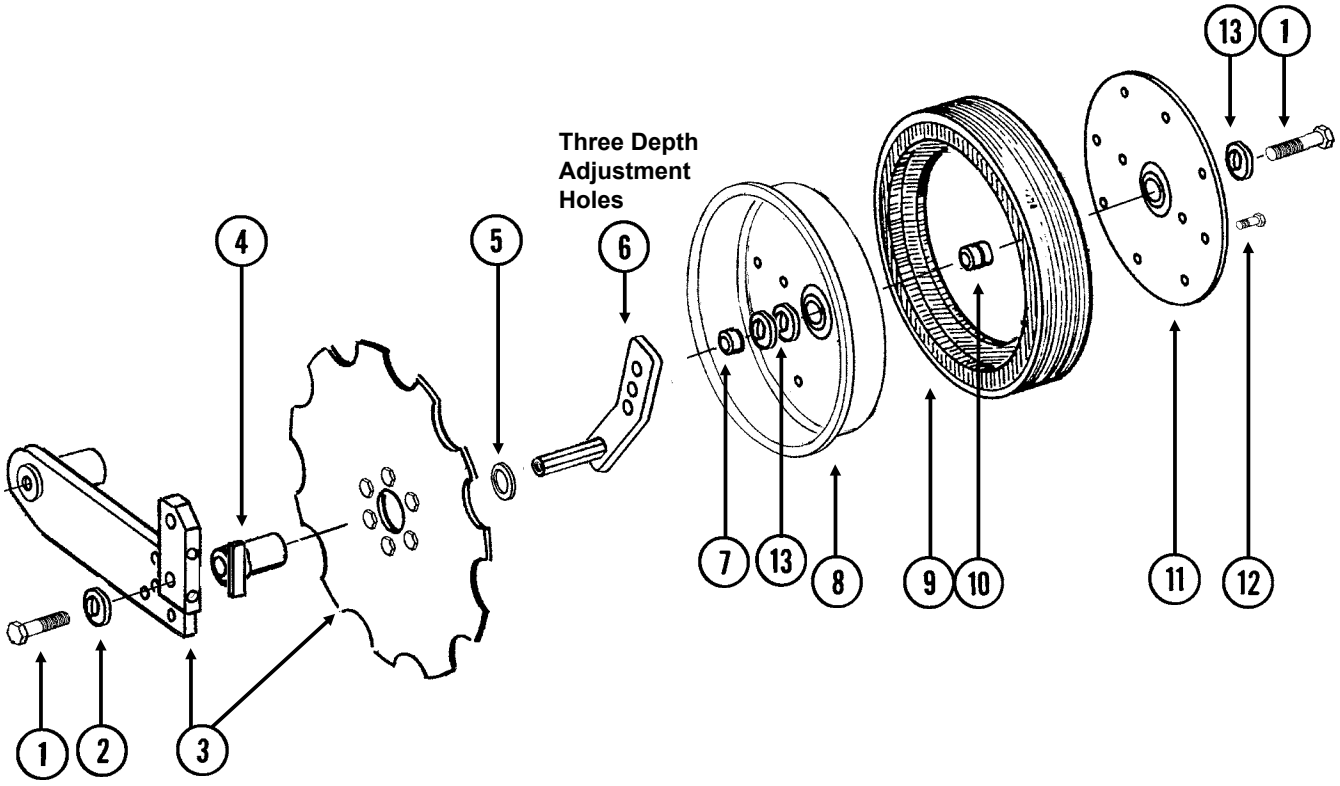






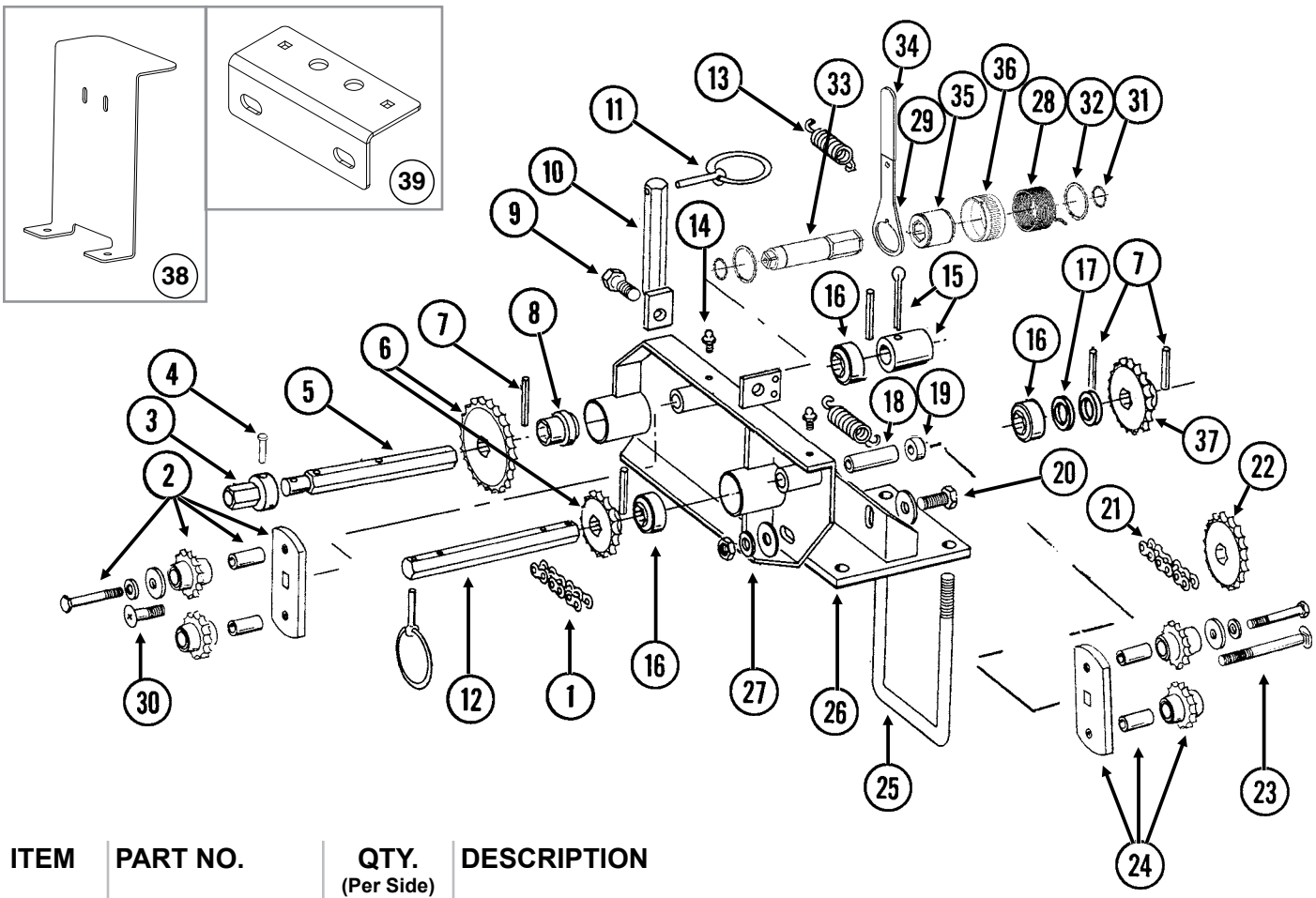
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	G10017	3	Hex Head Cap Screw, ½"-13 x 1½"
	G10102	3	Hex Nut, ½"-13
2	GB0400	1	Mount, R.H.
	GB0405		Mount, L.H. (Shown)
3	GB0296	1	Arm, 13 ½"
4	G10640	1	Grease Fitting, ¼"-28
5	GD12685	1	Bushing, ¾" O.D. x ½" Long
6	GA6966	1	Compression Spring Assembly
7	G10047	1	Hex Head Cap Screw, ⅜"-16 x 1¾"
	G11387	2	Flat Washer, ⅜" SAE
	G10108	1	Lock Nut, ⅜"-16
8	GD1026	1	Sleeve, 1 3⁄16" Long
9	GA9433	1	Pivot Arm, L.H. (Shown)
	GA9434	-	Pivot Arm, R.H.
10	GD11557	1	Scraper, L.H. (Shown)
	GD11558	-	Scraper, R.H.
11	G10002	6	Hex Head Cap Screw, ⅜"-16 x ¾"
12	G10306	3	Carriage Bolt, ⅜"-16 x 2"
	G10108	3	Lock Nut, ⅜"-16
13	G10991	2	Hex Head Cap Screw, 5⁄16"-18 x ⅞"
	G10232	2	Lock Washer, 5⁄16"
	G11386	6	Flat Washer, 5⁄16" SAE
14	GD12679	1	Stepped Spacer, 3" Long
15	GA9437	1	Hub W/Bearing
	GA8603	-	Bearing, Double Row (Included W/GA9437)
16	G10011	1	Hex Head Cap Screw, ⅝"-11 x 5½"
17	G10046	1	Hex Head Cap Screw, ⅝"-11 x 5"
18	GD12676	1	Disc Blade, Notched, 16¾"
19	G10871	1	Hex Head Cap Screw, ½"-13 x 6"
20	GD13287	2	U-Bolt, 1½" x 2½" x ½"-13
	G11389	4	Flat Washer, ½" Plated SAE
	G10111	4	Lock Nut, ½"-13
21	GB0323	1	Knife, L.H. (Shown)
	GB0322	-	Knife, R.H.
22	GA12108	1	Drop Tube, L.H., Liquid Fertilizer
	GA12109	-	Drop Tube, R.H., Liquid Fertilizer (Shown)
23	GA10047	1	Drop Tube, L.H., Dry Fertilizer
	GA10048	-	Drop Tube, R.H., Dry Fertilizer (Shown)
24	GA15416	1	Check Valve Assembly
25	GA9564	1	Opener Mount
	GD1113	2	U-Bolt, 5" x 7" x ⅝"-11
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
26	GA9819	1	Opener Mount
	GD1113	2	U-Bolt, 5" x 7" x ⅝"-11
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
27	GA9820	1	Opener Mount
	GD1113	2	U-Bolt, 5" x 7" x ⅝"-11
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
28	G10450	-	Machine Bushing, 1½", 18 Gauge (As Required)
29	GD12677	1	Washer, 1½" O.D., 7 Gauge, Hardened
30	G11389	-	Flat Washer, ½" Plated SAE
31	G10107	-	Lock Nut, ⅝"-11
32	G10111	-	Lock Nut, ½"-13
33	G11391	-	Flat Washer, ⅝" SAE
34	G10217	-	Washer, ⅝" USS

(FRTZ256)



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	G10010	2	Hex Head Cap Screw, ⅝"-11 x 3"
2	G11391	1	Flat Washer, ⅝" SAE
3	---	-	See “Notched Single Disc Fertilizer Opener” on page P239
4	GA9472	1	Blade Mount
5	G10233	1	Machine Bushing, 1", 10 Gauge
6	GA10037 GA10036	1 1	Wheel Mount, L.H. (Shown) Wheel Mount, R.H.
7	GD13309	1	Spacer
8	GD31466	1	Half Wheel, Black
9	GD11953	1	Offset Tire
10	GA6171	1	Bearing
11	GD26598	1	Half Wheel Cover, Black
12	G10961 G10620	11 11	Flanged Whiz Lock Screw, ⅝"-18 x ¾", No Serration Serrated Flange Nut, ⅝"-18
13	G10397801	-	Special Machine Bushing, ⅝" x 1" O.D. (As Required)
A	GA18311	-	Gauge Wheel Complete (Items 8-12)
B	G9881X	-	Depth/Gauge Wheel Package (Items 1-13)

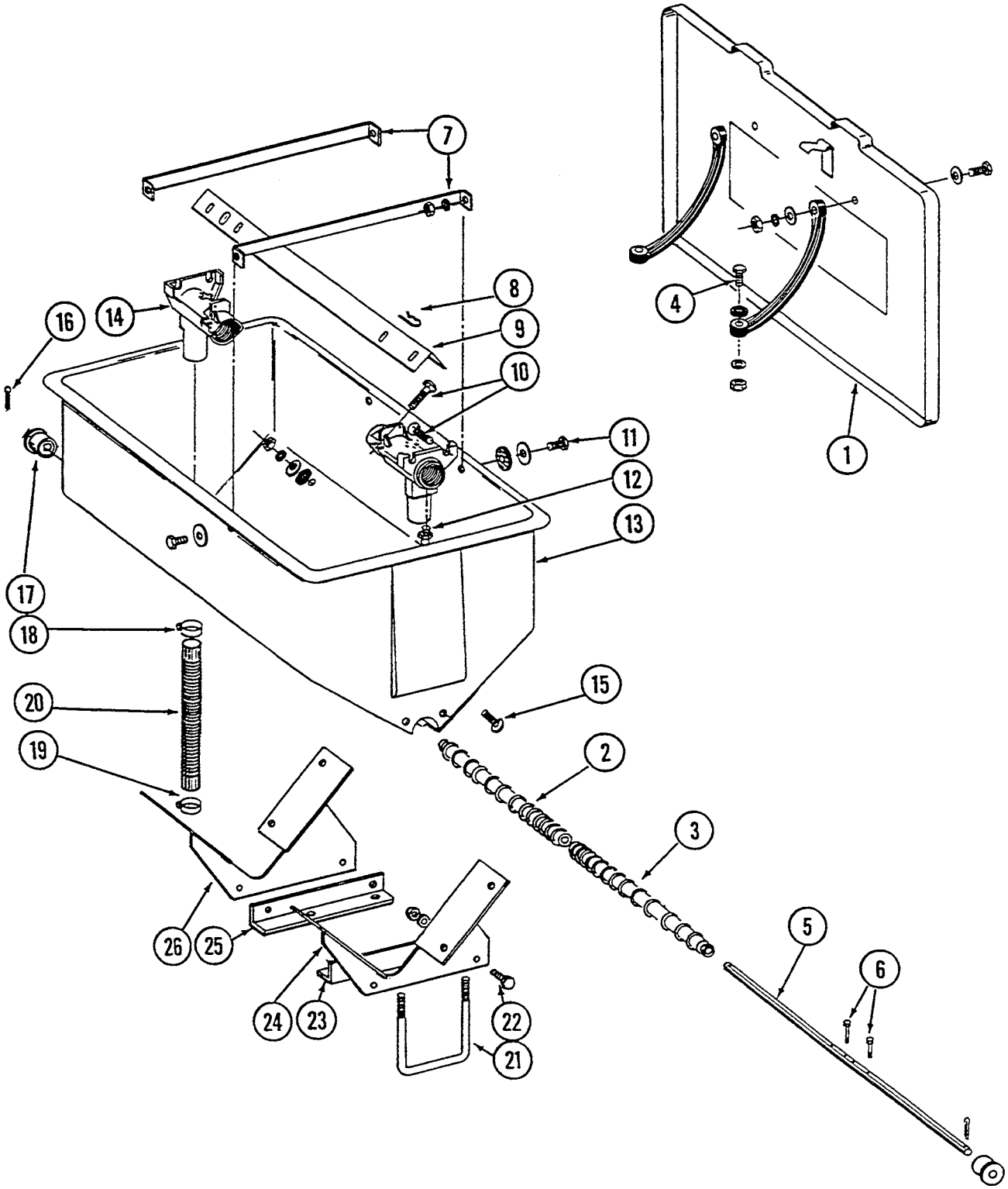
(TWL37hh)



ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
1	G3310-88	1	Chain, No. 40, 88 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
2	GA7336	1	Idler W/Bolt-On Sprockets
	GD7426	-	Sprocket, 12 Tooth (Included W/GA7336)
	GD1026	-	Sleeve, 1 3⁄16" Long (Included W/GA7336)
	G11387	-	Flat Washer, 3⁄8" SAE (Included W/GA7336)
	G10229	-	Lock Washer, 3⁄8" (Included W/GA7336)
	G10047	-	Hex Head Cap Screw, 3⁄8"-16 x 1 3⁄4" (Included W/GA7336)
3	GD7127	1	Shear Coupler
4	G10821	1	Clevis Pin, 3⁄16" x 2"
	G10455	-	Cotter Pin, 1⁄16" x 1⁄2"
5	GD7866	1	Shaft, 7⁄8" x 7 1⁄2"
6	GA5105	1	Sprocket, 15 Tooth
	GA5107	1	Sprocket, 19 Tooth
	GA5114	1	Sprocket, 30 Tooth
	GA5115	1	Sprocket, 33 Tooth
	GA6337	1	Sprocket, 35 Tooth
7	G10602	6	Spring Pin, 1⁄4" x 1 1⁄2"
8	GA5624	1	Special Bearing, 7⁄8" Hex Bore x 1.6"
9	G10037	1	Hex Head Cap Screw, 1⁄2"-13 x 1 1⁄4"
	G10111	1	Lock Nut, 1⁄2"-13
10	GA5229	1	Sprocket Storage Rod
11	GD2558	3	Lynch Pin, 1⁄4"

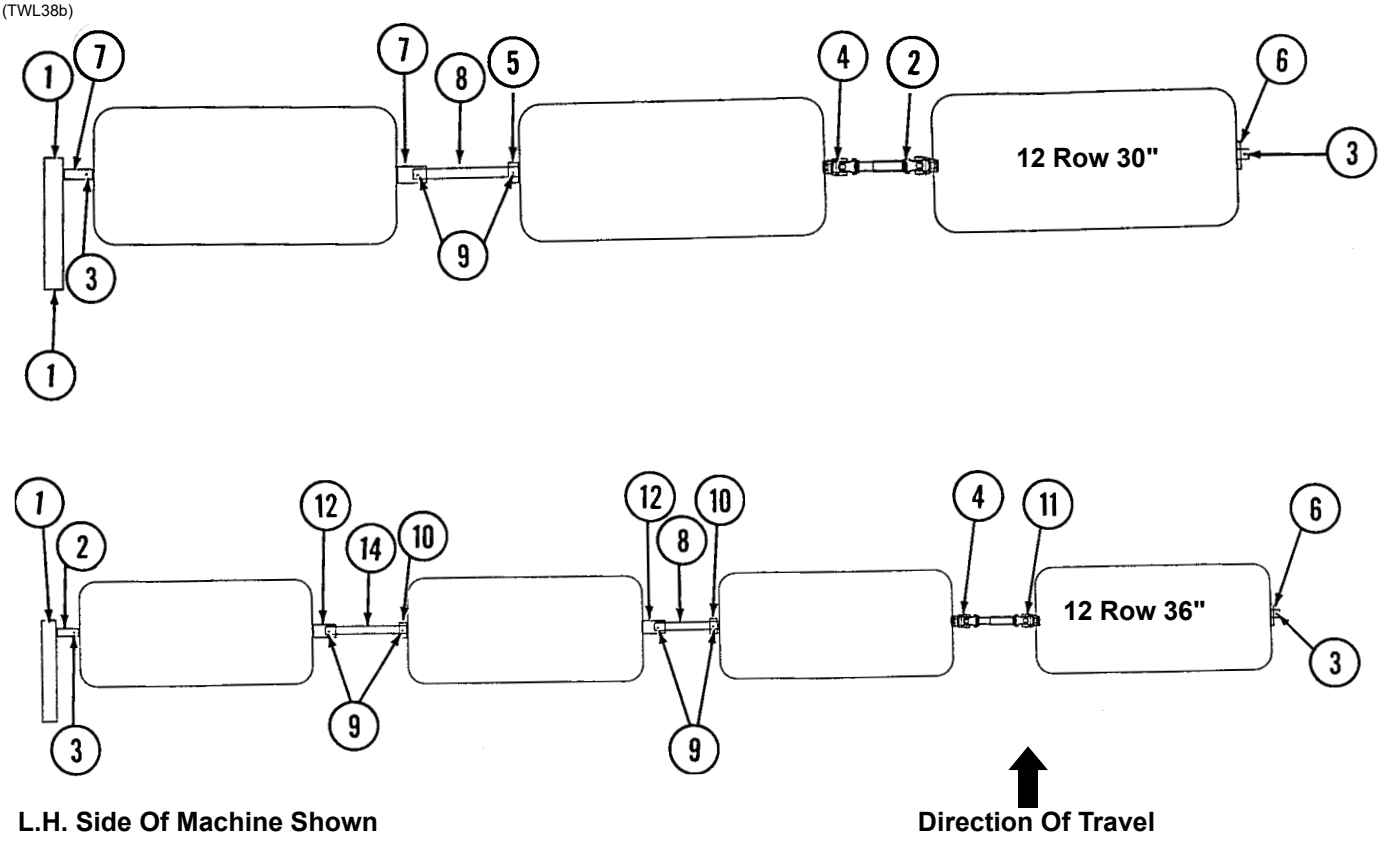
ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
12	GD10119	1	Shaft, ⅞" x 7 7/16"
13	GD5857	2	Spring
14	G10640	2	Grease Fitting, ¼"-28
15	---	-	See “Dry Fertilizer Coupler/Shafts” on page P247
16	GA5116	3	Bearing, ⅞" Hex Bore, Cylindrical
17	G10233	2	Machine Bushing, 1", 10 Gauge
18	GD3180-10	1	Sleeve, ⅝" I.D. x ⅞" O.D. x 3¼" Long
19	GD2734-08	1	Sleeve, 1 ¼" O.D. x ⅝" Long
20	G10017	2	Hex Head Cap Screw, ½"-13 x 1½"
	G11389	4	Flat Washer, ½" SAE
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
21	G3310-130	1	Chain, No. 40, 130 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
22	GA5114	1	Sprocket, 30 Tooth
23	G10419	1	Carriage Bolt, ½"-13 x 4½"
	G11389	1	Flat Washer, ½" SAE
	G10111	1	Lock Nut, ½"-13
24	GA7396	1	Idler W/Bolt-On Sprockets
	GD7426	-	Sprocket, 12 Tooth (Included W/GA7396)
	GD1026	-	Sleeve, 1 3/16" Long (Included W/GA7396)
	G11387	-	Flat Washer, ⅜" SAE (Included W/GA7396)
	G10229	-	Lock Washer, ⅜" (Included W/GA7396)
	G10047	-	Hex Head Cap Screw, ⅜"-16 x 1¾" (Included W/GA7396)
	G10049	-	Hex Head Cap Screw, ⅜"-16 x 2½" (Included W/GA7396)
	G10108	-	Lock Nut, ⅜"-16 (Included W/GA7396)
25	GD1134	2	U-Bolt, 7" x 5" x ⅝"-11
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
26	GA7129	1	Mount, L.H. (Shown)
	GA7130	-	Mount, R.H.
27	GA5671	1	Transmission Plate, L.H. (Shown)
	GA5672	-	Transmission Plate, R.H.
28	GD14413	-	Torsion Spring, L.H. (Used In R.H. Wrap Spring Wrench) (Shown)
	GD14414	1	Torsion Spring, R.H. (Used In L.H. Wrap Spring Wrench)
29	GD14431	1	Handle
30	G11100	1	Hex Socket Button Head Cap Screw, ¼"-20 x ½", Grade 8
	G10227	1	Lock Washer, ¼"
	G11453	1	Fender Washer, ¼"
31	G11075	2	External Inverted Snap Ring, ⅞"
32	G10496	2	External Inverted Snap Ring, 1½"
33	GD14427	1	Tightener Shaft, 4⅞"
34	G11078	1	Vinyl Cap
35	GD14432	1	Sleeve, 1¼"
36	GD19343	1	Release Collar, Gold, R.H. (Shown)
	GD19344	-	Release Collar, Silver, L.H.
37	GA12192	1	Sprocket, 22 Tooth
38	GD26025	-	Bulkhead Mount
39	GD26024	-	Bulkhead Mount
A	G1K378	1	Wrap Spring Wrench Replacement Kit, Blue Collar, R.H. (Items 28-36) (Shown)
	G1K379	-	Wrap Spring Wrench Replacement Kit, Gray Collar, L.H. (Items 28-36)

DFC009/DFC018(TWL36)



ITEM	PART NO.	QTY. (Per Hopper)	DESCRIPTION
1	GA0898	1	Lid W/Retainers, Clips, Rivets, Rubber Straps, and Hardware
	GD1380	-	Front Clip
	GD2412	-	Rear Retainer
	G10655	-	Rivet, 3⁄16" x 13⁄32"
	GD1210	-	Rubber Strap
	G10171	-	Hex Head Cap Screw, 5⁄16"-18 x 1¼"
	G11386	-	Flat Washer, 5⁄16" SAE
	G10232	-	Lock Washer, 5⁄16"
	G10106	-	Hex Nut, 5⁄16"-18
2	GB0198	1	Auger, R.H.
3	GB0199	1	Auger, L.H.
4	G10133	2	Hex Head Cap Screw, 5⁄16"-18 x 1½"
	G11386	2	Flat Washer, 5⁄16" SAE
	G10232	2	Lock Washer, 5⁄16"
	G10106	2	Hex Nut, 5⁄16"-18
5	GD7848	1	Shaft
6	G10587	2	Hex Head Cap Screw, ¼"-20 x 2", Stainless Steel
	G10588	2	Hex Nut, ¼"-20, Stainless Steel
7	GD1209	2	Strap
8	G10670	2	Hair Pin Clip, No. 3
9	GD1207	1	Baffle
10	G10303	8	Carriage Bolt, 5⁄16"-18 x 1"
	G11386	8	Flat Washer, 5⁄16" SAE
	G10232	8	Lock Washer, 5⁄16"
	G10106	8	Hex Nut, 5⁄16"-18
11	G10171	4	Hex Head Cap Screw, 5⁄16"-18 x 1¼"
	G10201	4	Special Washer, 3⁄8" x 1½" O.D.
	GD1213	4	Rubber Washer
	G10232	4	Lock Washer, 5⁄16"
	G10106	4	Hex Nut, 5⁄16"-18
12	G10640	2	Grease Fitting, ¼"-28
13	GD1379	1	Hopper
14	GD1200	2	Outlet Housing
15	G10303	8	Carriage Bolt, 5⁄16"-18 x 1"
	G10171	-	Hex Head Cap Screw, 5⁄16"-18 x 1¼" (If Applicable)
	G11386	-	Flat Washer, 5⁄16" SAE (If Applicable)
	G10201	8	Special Washer, 3⁄8" x 1½" O.D.
	GD1213	8	Rubber Washer
	G10232	8	Lock Washer, 5⁄16"
	G10106	8	Hex Nut, 5⁄16"-18
16	G10460	2	Cotter Pin, ¼" x 2"
17	GB0200	2	Bearing
18	G10676	2	Hose Clamp, No. 36, Stainless Steel
19	G10672	2	Hose Clamp, No. 28
20	GD21398	2	Rubber Tube
21	GD1134	2	U-Bolt, 7" x 5" x 5⁄8"-11
	G10230	4	Lock Washer, 5⁄8"
	G10104	4	Hex Nut, 5⁄8"-11
22	G10017	4	Hex Head Cap Screw, ½"-13 x 1½"
	G10228	4	Lock Washer, ½"
	G10102	4	Hex Nut, ½"-13
23	GD9131	1	Angle, L.H.
24	GA6437	1	Mount, L.H.
25	GD9132	1	Angle, R.H.
26	GA6436	1	Mount, R.H.
A	GA5667	-	Hopper Hardware Box (Items 2-7, 9, 11, 16, And 17)

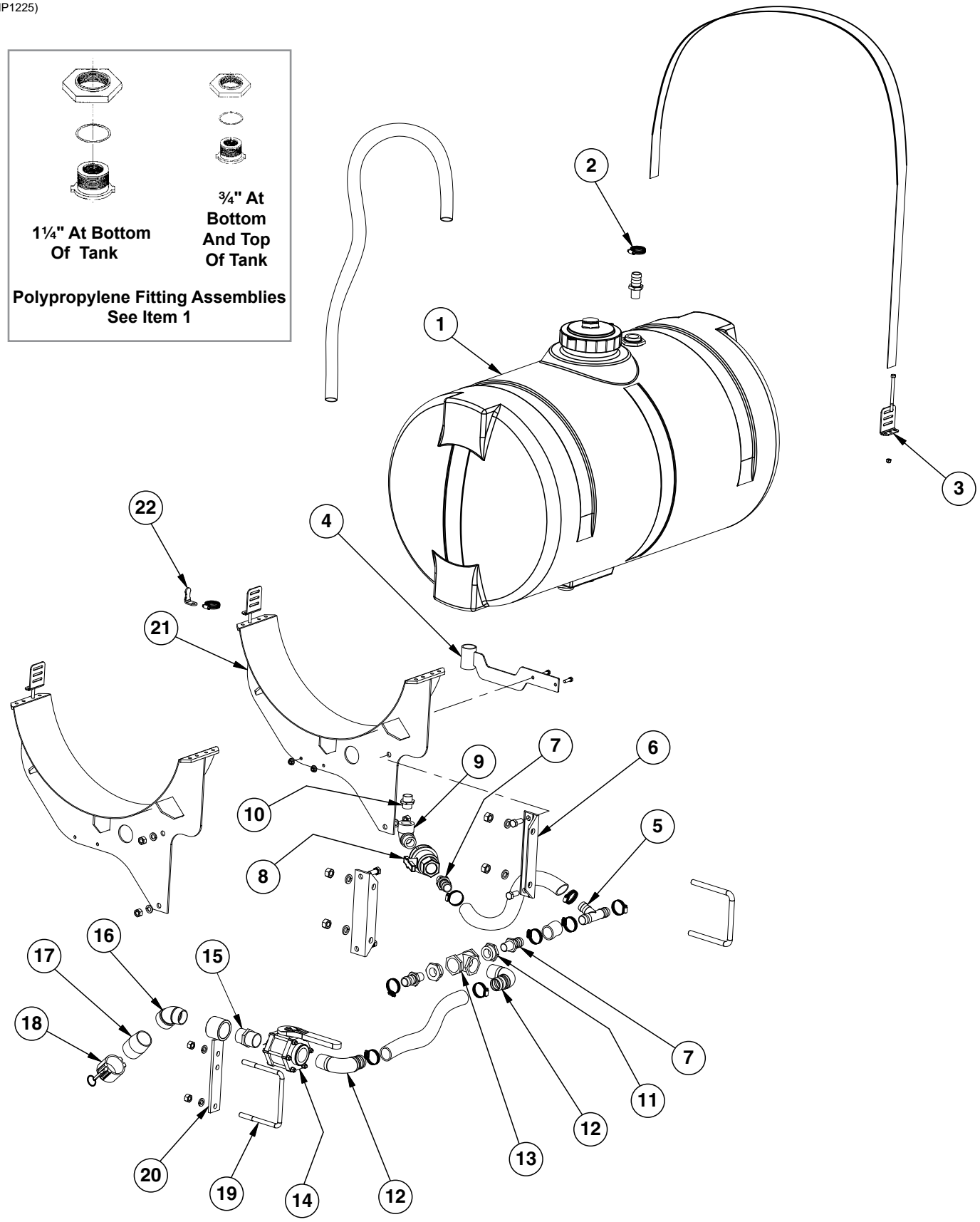
(TWL38b)



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See “Dry Fertilizer Drive” on page P243
2	GA7052	-	U-Joint W/Grease Fitting, Female, 10¼" Long
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7052)
	GR1294	-	Cross And Bearing Kit (Included W/GA7052)
	GR1297	-	Inboard Yoke And Outer Profile (Included W/GA7052)
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7052)
3	G10460	-	Cotter Pin, ¼" x 2"
4	GA7051	-	U-Joint W/Grease Fitting, Male, 12¼" Long
	GR1293	-	Yoke, ⅞" Hex (Included W/GA7051)
	GR1294	-	Cross And Bearing Kit (Included W/GA7051)
	GR1295	-	Inboard Yoke (Included W/GA7051)
	GR1296	-	Inner Profile (Included W/GA7051)
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA7051)
	GR1301	-	Spring Pin, 8 mm x 50 mm (Included W/GA7051)
5	GD5886	-	Coupler, 1¾"
	GR1557	-	Grease Fitting, 45°, Metric
6	G10233	-	Machine Bushing, 1", 10 Gauge
7	GD7867	-	Coupler, 3"
8	GD2548-15.5	-	Hex Shaft, ⅞" x 15½" (1 Hole)
9	G10602	-	Spring Pin, ¼" x 1½"

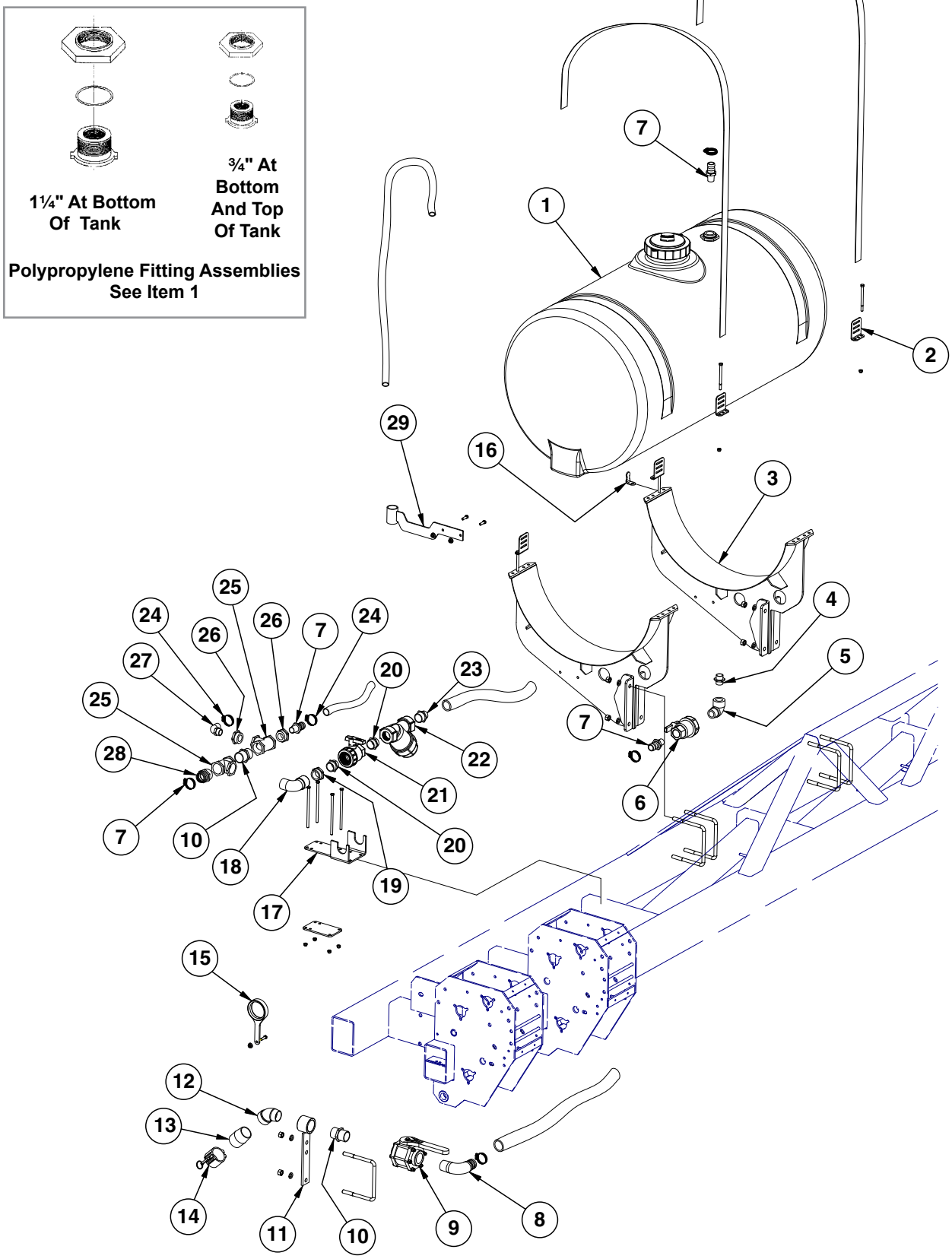
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(IP1225)


1¼" At Bottom Of Tank
¾" At Bottom And Top Of Tank
Polypropylene Fitting Assemblies See Item 1
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14049	1	Tank W/Lid and Fittings, 150 Gallon
	GA16428	1	Lid, 7" W/Vacuum Breaker (Included W/GA14049)
	GA16157	1	Vacuum Breaker
	GR1708	1	¾" Bulkhead Overflow Fitting Assembly (Overflow Fitting, Nut, Bushing, And O-Ring) (Top And Bottom Of Tank) (Included W/GA14049)
	GR1709	2	1¼" Polypropylene Fitting Assembly (Nut, Bushing And O-Ring) (Bottom Of Tank) (Included W/GA14049)
	GR1941	1	Seal (Included W/GA14049)
	G10096	1	Pipe Plug, ¾" NPT
2	G10626	1	Adapter, 1¼" NPT To Barb
	G10674	1	Hose Clamp, No. 24
	G4602-04	1	1¼" x 32' Black Helix Hose
3	GD11123	4	Anchor
	GD11124	2	Strap, 84"
	G10901	4	Lock Nut, ⅜"-16
	G10485	4	Hex Head Tap Bolt, ⅜"-16 x 5"
	G10674	1	Hose Clamp, No. 24
4	GA14112	1	Hose Guide
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	2	Serrated Flange Nut, ⅜"-16
5	G10633	1	Tee, 1 ¼" Barb
	G10674	3	Hose Clamp, No. 24
	G4200-03	1	Hose, 1¼" x 32', 12 Row 30"
	G4200-06	-	Hose, 1¼" x 40', 16 Row 30"
6	GD10110	2	Mounting Angle (2 Per Tank)
	GD1747	2	U-Bolt, 5" x 7" x ¾"-10
	G10231	4	Lock Washer, ¾"
	G10105	4	Hex Nut, ¾"-10
7	G10626	3	Adapter, 1¼" NPT To Barb
	G10674	3	Hose Clamp, No. 24
8	GA4976	1	Shutoff Valve, 1¼" NPT
	GR1015	-	Body O-Ring (Included W/GA4976)
	GR1016	-	Stem O-Ring (Included W/GA4976)
	GR1017	-	Teflon Seat (Included W/GA4976)
	GR1018	-	Ball (Included W/GA4976)
	GR1019	-	Handle (Included W/GA4976)
9	G10887	1	Elbow, 90°, 1¼" Male NPT To Female
10	G10619	1	Close Nipple, 1¼" NPT
11	G10616	2	Reducing Bushing, 2" Male NPT To 1¼" Female
12	G10630	2	Elbow, 90°, 2" NPT To Barb
	G10676	2	Hose Clamp, No. 36, Stainless Steel
	G4201-03	1	Hose, 2" x 18', 12 and 16 Row
13	G10888	1	Tee, 2" Female NPT
14	GA2660	1	Shutoff Valve, 2" NPT
15	G10623	1	Close Nipple, 2" NPT
16	G10889	1	Elbow, 45°, 2" Male NPT To Female
17	GD3623	1	Adapter, 2" Male NPT To Cam Lock
18	GD3951	1	Dust Cap, 2" Cam Lock
19	GD1113	1	U-Bolt, 5" x 7" x ⅝"-11
	G10230	2	Lock Washer, ⅝"
	G10104	2	Hex Nut, ⅝"-11
20	GA7845	1	Quick Fill Mount, 2"
21	GA7133	2	Tank Mount (2 Per Tank)
	GD1862	1	Pad, 8" x 14' (For Two 30" Tanks)
	G10007	4	Hex Head Cap Screw, ⅝"-11 x 1½"
	G10230	4	Lock Washer, ⅝"
	G10104	4	Hex Nut, ⅝"-11
22	GD20060	1	Hose Bracket
	G10674	1	Hose Clamp, No. 24

(IP1244)


1¼" At Bottom Of Tank
¾" At Bottom And Top Of Tank
Polypropylene Fitting Assemblies See Item 1
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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA14050	1	Tank W/Sealed Lid, 200 Gallon
	GA16428	1	Lid, 7" W/Vaccum Breaker (Included W/GA14050)
	GA16157	1	Vacuum Breaker
	GR1708	1	¾" Bulkhead Overflow Fitting Assembly (Overflow Fitting, Nut, Bushing, And O-Ring) (Top And Bottom Of Tank) (Included W/GA14050)
	GR1709	2	1¼" Polypropylene Fitting Assembly (Nut, Bushing And O-Ring) (Bottom Of Tank)
		1	(Included W/GA14050)
	GR1941		Seal (Included W/GA14050)
2	GD11123	4	Anchor
	GD11124	2	Strap, 84"
	G10485	4	Hex Head Tap Bolt, ⅜"-16 x 5"
	G10901	4	Lock Nut, ⅜"-16
3	G10630101	2	200 Gallon Tank Mount
	GD1862	2	Pad, 8" x 14' (For Two 30" Tanks)
	GD1113	4	U-Bolt, 5" x 7" x ⅝"-11
	G10230	8	Lock Washer, ⅝"
	G10104	8	Hex Nut, ⅝"-11
4	G10619	1	Close Nipple, 1¼" NPT
5	G10887	1	Elbow, 90°, 1¼" Male NPT To Female
6	GA4976	1	Shutoff Valve, 1¼" NPT
	GR1015	-	Body O-Ring (Included W/GA4976)
	GR1016	-	Stem O-Ring (Included W/GA4976)
	GR1017	-	Teflon Seat (Included W/GA4976)
	GR1018	-	Ball (Included W/GA4976)
	GR1019	-	Handle (Included W/GA4976)
7	G10626	3	Adapter, 1¼" NPT To Barb
	G10676	2	Hose Clamp, No. 36, Stainless Steel
	G4200-14	1	Hose, 1¼" x 30'
8	G10630	1	Elbow, 90°, 2" NPT To Barb
	G10676	1	Hose Clamp, No. 36, Stainless Steel
	G4206-04	1	Hose, 2" x 8'
9	GA2660	1	Shutoff Valve, 2" NPT
10	G10623	2	Close Nipple, 2" NPT
11	GA7845	1	Quick Fill Mount, 2"
	GD1113	1	U-Bolt, 5" x 7" x ⅝"-11
	G10230	2	Lock Washer, ⅝"
	G10104	2	Hex Nut, ⅝"-11
12	G10889	1	Elbow, 45°, 2" Male NPT To Female
13	GD3623	1	Adapter, 2" Male NPT To Cam Lock
14	GD3951	1	Dust Cap, 2" Cam Lock
15	GA14111	1	Hose Guide
	G10004	1	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	1	Serrated Flange Nut, ⅜"-16
16	GD20060	1	Hose Bracket
	G10004	1	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	1	Serrated Flange Nut, ⅜"-16
17	GD19422	1	1½" Ball Valve Bracket
	GD2117	2	Tie Strap, 14½"
	GD19423	1	Clamp Plate
	G10686	4	Hex Head Cap Screw, ⅜"-16 x 8"
	G10108	4	Lock Nut, ⅜"-16
18	10287	1	Elbow, 90°, 2" Male NPT To Female
19	G11308	1	Reducing Bushing, 2" Male NPT to 1½" Female

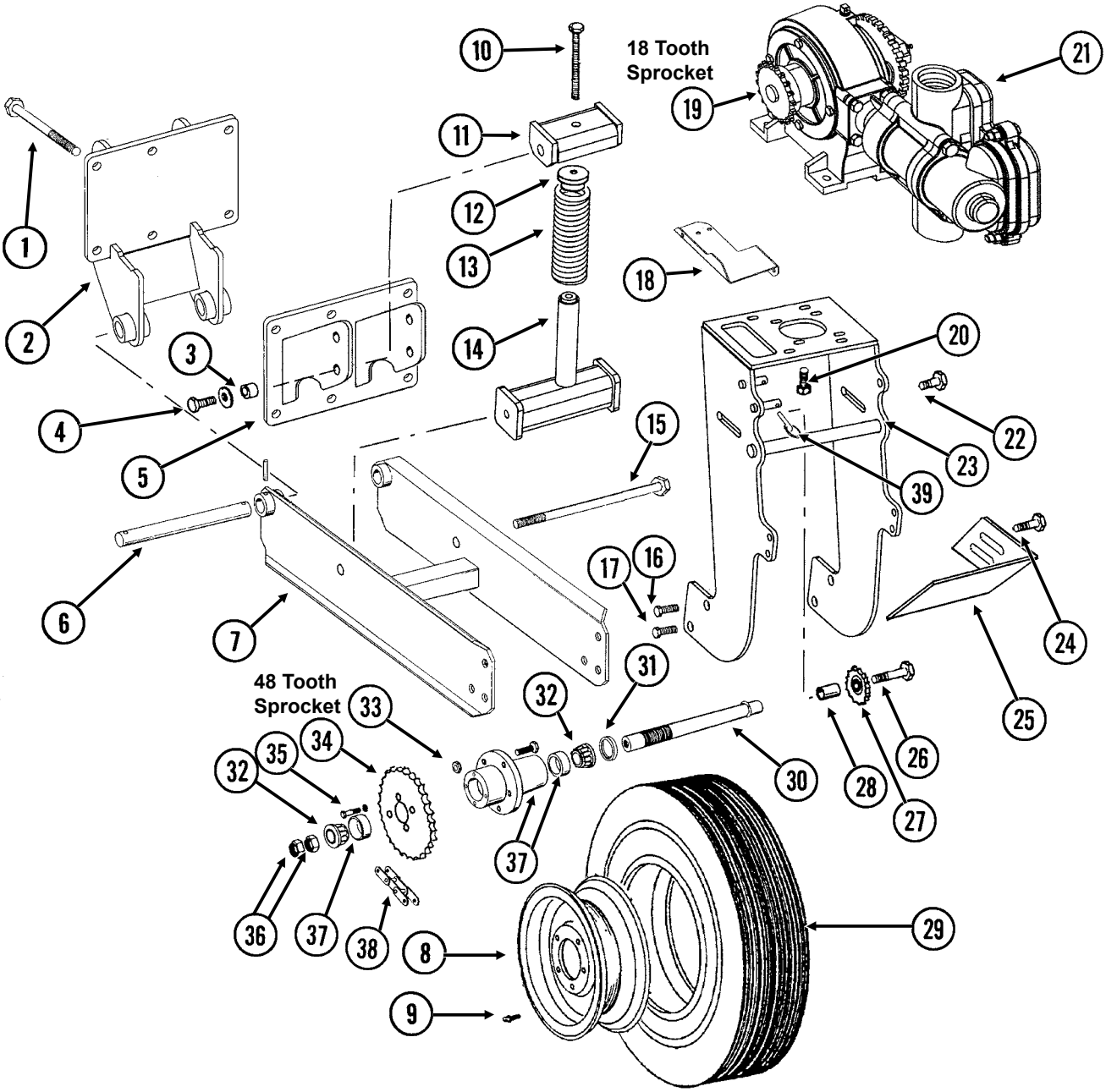
Continued on the next page.

ITEM	PART NO.	QTY.	DESCRIPTION
20	G11306	2	1½" Close Nipple
21	GA13622	1	1½" Ball Valve
22	GA13623	1	Strainer, 1½"
	GR1917	-	Screen, No. 30 Mesh
	GR1918	-	Gasket
	GR0882	-	Y-Body
	GR0883	-	End Cap
23	G10627	1	Adapter, 1½" NPT to Barb
	G4202-04	1	Hose, 1½" x 30'
24	G10674	2	Hose Clamp, No. 24
25	G10888	2	Tee, 2" Female NPT
26	G10616	2	Reducing Bushing, 2" Male NPT To 1¼" Female
27	G10629	1	Elbow, 90°, 1¼" NPT To Barb
28	G10628	1	Adapter, 2" NPT To Barb
29	GA14112	1	Hose Guide
	G10004	2	Hex Head Cap Screw, ⅜"-16 x 1¼"
	G11091	2	Serrated Flange Nut, ⅜"-16
	G4602-02	1	Hose, 1¼" x 22'

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(TWL219rr)

48 Tooth Drive Sprocket And 18 Tooth Driven Sprocket

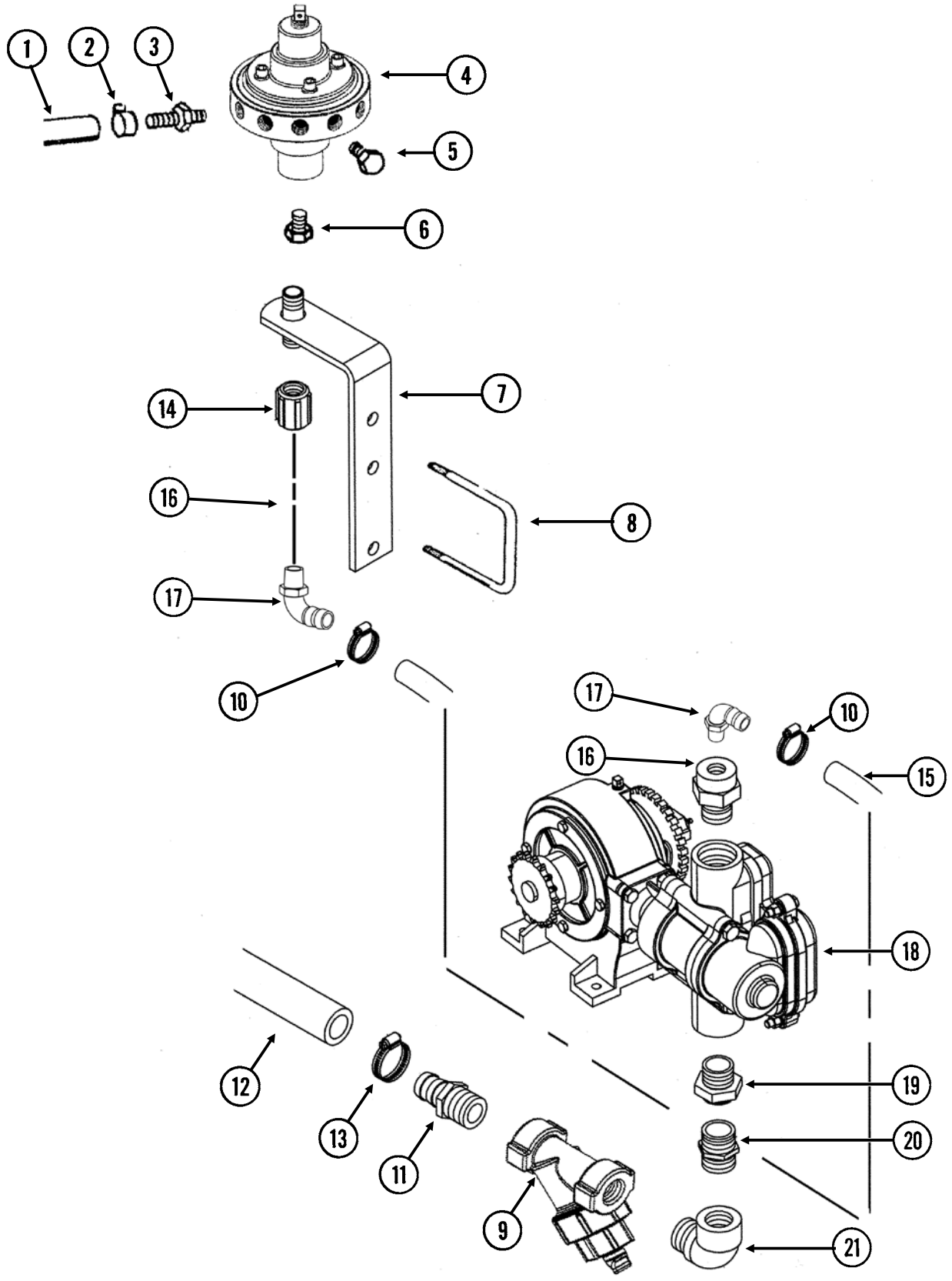


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10830	6	Hex Head Cap Screw, 5/8"-11 x 7½"
	G10230	6	Lock Washer, 5/8"
	G10104	6	Hex Nut, 5/8"-11
2	GA10624	1	Wheel Arm Mount
3	GB0218	2	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
4	G10005	2	Hex Head Cap Screw, 5/8"-11 x 1¾"
	G11391	2	Flat Washer, 5/8" SAE
	G10107	2	Lock Nut, 5/8"-11
5	GA10622	1	Spring Mount
6	GD2681	1	Pin, 1¼" x 13½"
	G10460	2	Cotter Pin, ¼" x 2"

ITEM	PART NO.	QTY.	DESCRIPTION
7	GA10621	1	Arm W/Grease Fittings
	G10641	2	Grease Fitting, ⅛" NPT (Included W/GA10621)
8	GA0241	1	Wheel, 5" x 15"
9	GD1166	1	Valve Stem
10	G10012	1	Hex Head Cap Screw, ⅝"-11 x 6½"
	G11391	1	Flat Washer, ⅝" SAE
11	GA10908	1	Spring Mount
12	GB0196	1	Washer
13	GD7831	1	Compression Spring
14	GA10907	1	Spring Guide
15	G11122	1	Hex Head Cap Screw, ⅝"-11 x 12"
	G10107	1	Lock Nut, ⅝"-11
16	G10026	2	Hex Head Cap Screw, ¾"-10 x 2"
	G10231	2	Lock Washer, ¾"
17	G11042	2	Hex Head Cap Screw, ¾"-10 x 1¾"
	G10231	2	Lock Washer, ¾"
	G10105	2	Hex Nut, ¾"-10
18	GD13744	1	Hose Holder
19	GR1146	1	Sprocket, 18 Tooth
20	G10003	4	Hex Head Cap Screw, ⅜"-16 x 1½"
	GR1122	4	Mounting Pad
	G11387	8	Flat Washer, ⅜" SAE
	G10229	4	Lock Washer, ⅜"
	G10101	4	Hex Nut, ⅜"-16
	GR0200	1	Offset Link, No. 2050
21	---	-	See “Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket)” on page P261
22	G10007	2	Hex Head Cap Screw, ⅝"-11 x 1½"
	G11391	2	Flat Washer, ⅝" SAE
	G10230	2	Lock Washer, ⅝"
	G10104	2	Hex Nut, ⅝"-11
23	GA10894	1	Pump Mount
24	G10017	2	Hex Head Cap Screw, ½"-13 x 1½"
	G11389	2	Flat Washer, ½" SAE
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
25	GD13328	1	Scraper
26	G10013	1	Hex Head Cap Screw, ⅝"-11 x 3½"
	G11391	1	Flat Washer, ⅝" SAE
	G10230	1	Lock Washer, ⅝"
	G10104	1	Hex Nut, ⅝"-11
27	GA0262	1	Idler Sprocket W/Bearing, 15 Tooth
28	GD7817-05	1	Spacer, 11⁄16" I.D. x 1¼" Long
29	G10615701	1	Tire, 7.60" x 15", 8 Ply (Specify Brand*)
30	GA2559	1	Spindle
31	GA0252	2	Seal
32	GA0251	2	Bearing
33	GR0267	5	Lug Nut, ½"-20
34	G2500-84	1	Sprocket, 48 Tooth
35	G10019	4	Hex Head Cap Screw, 5⁄16"-18 x 1"
	G10232	4	Lock Washer, 5⁄16"
36	GD0831	2	Shoulder Nut, 1¼"-12 UNF-2A
37	GA0547	1	Hub W/Cups And Studs, 5 Bolt
	GR0190	2	Cup (Included W/GA0547)
	GR0204	5	Stud (Included W/GA0547)
38	G3200-63	-	Chain, No. 2050, 63 Pitch Including Connector And Offset Link, Used With NGP-7075 Piston Pump
	GR0195	-	Connector Link, No. 2050
	GR0200	`-	Offset Link, No. 2050
39	GD2558	1	Lynch Pin, ¼"

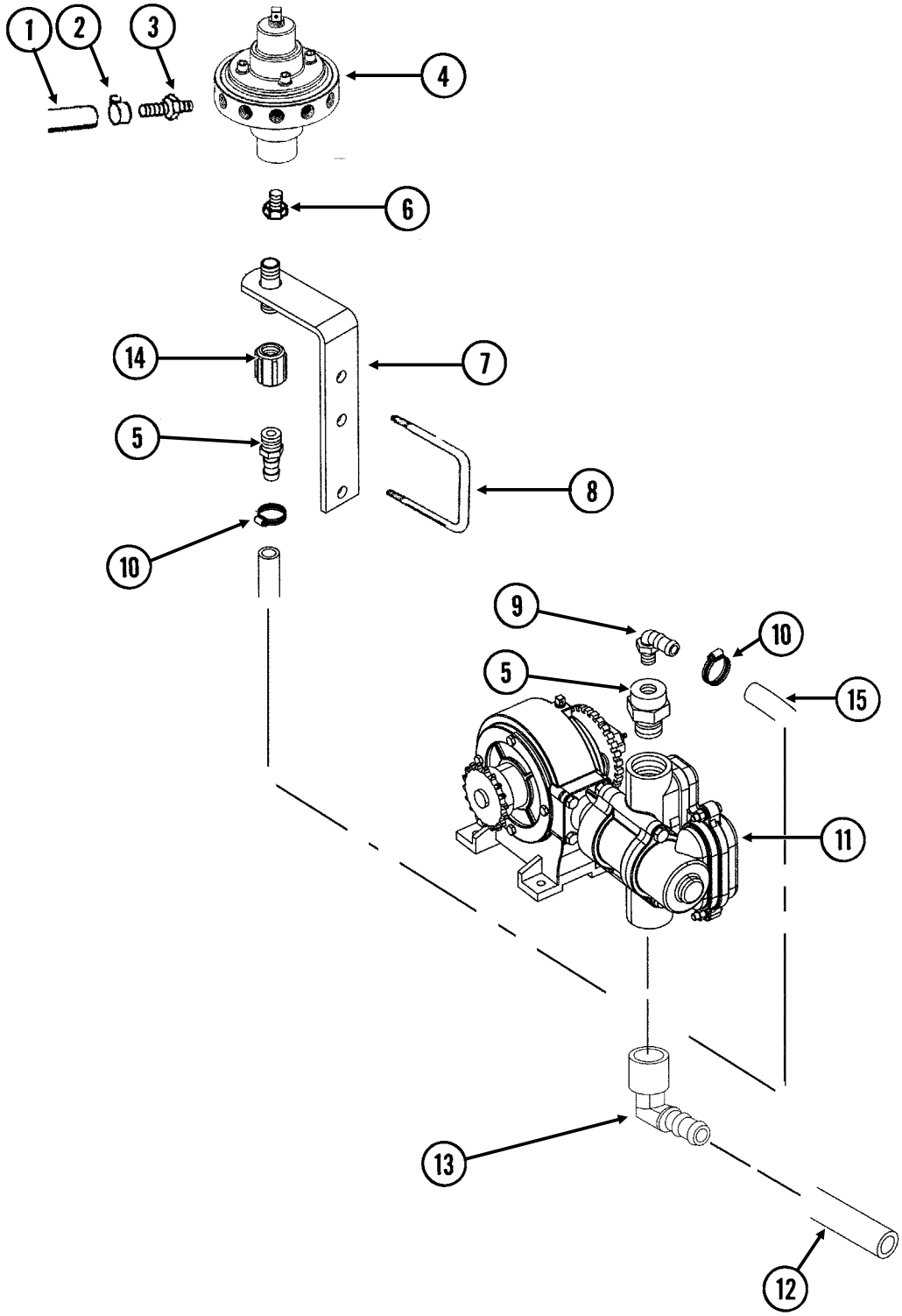
*** Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied. Different brand tires may have different diameters. Change in tire brand may affect rates. Field checks are recommended after any change in tires.**

(FRTZ280/FRTZ298)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G4301-06 G4301-05	1 1-2	Hose, ⅜" x 160', 12 Row Hose, ⅜" x 120', 16 Row
2	G10681	-	Hose Clamp, No. 6
3	GD11700	-	Adapter, ¼" NPT To ⅜" Barb
4	---	-	See “Liquid Fertilizer Piston Pump Flow Divider” on page P263
5	G10292	-	Pipe Plug, ¼" NPT
6	G10995	1	Reducing Bushing, 1" Male NPT To ¾" Female, Stainless Steel (If Applicable)
7	GA6527	1	Mount, ¾" NPT
8	GD1113 G10230 G10104	1 2 2	U-Bolt, 5" x 7" x ⅝"-11 Lock Washer, ⅝" Hex Nut, ⅝"-11
9	GA3893 GR0880 GR0881 GR0882 GR0883	1 - - - -	Strainer Complete Screen, No. 40 Mesh (Included W/GA3893) Gasket (Included W/GA3893) Y-Body (Included W/GA3893) End Cap (Included W/GA3893)
10	G10278	-	Hose Clamp, No. 16
11	G10626	2	Adapter, 1¼" NPT To Barb
12	---	-	See “Liquid Fertilizer Tanks, Saddles, Saddle Mounts, and Hoses (Conventional)” on page P249
13	G10674	2	Hose Clamp, No. 24
14	G11083	1	Coupler, ¾" Female NPT
15	G4205-10	-	Hose, ¾" x 200"
16	---	-	---
17	G10917	2	Elbow, 90°, ¾" NPT To Barb
18	---	-	See “Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket)” on page P261
19	G10615	1	Reducing Bushing, 1½" Male NPT To 1¼" Female
20	G10619	1	Close Nipple, 1¼" NPT
21	G10887	1	Elbow, 90°, 1¼" Male NPT To Female

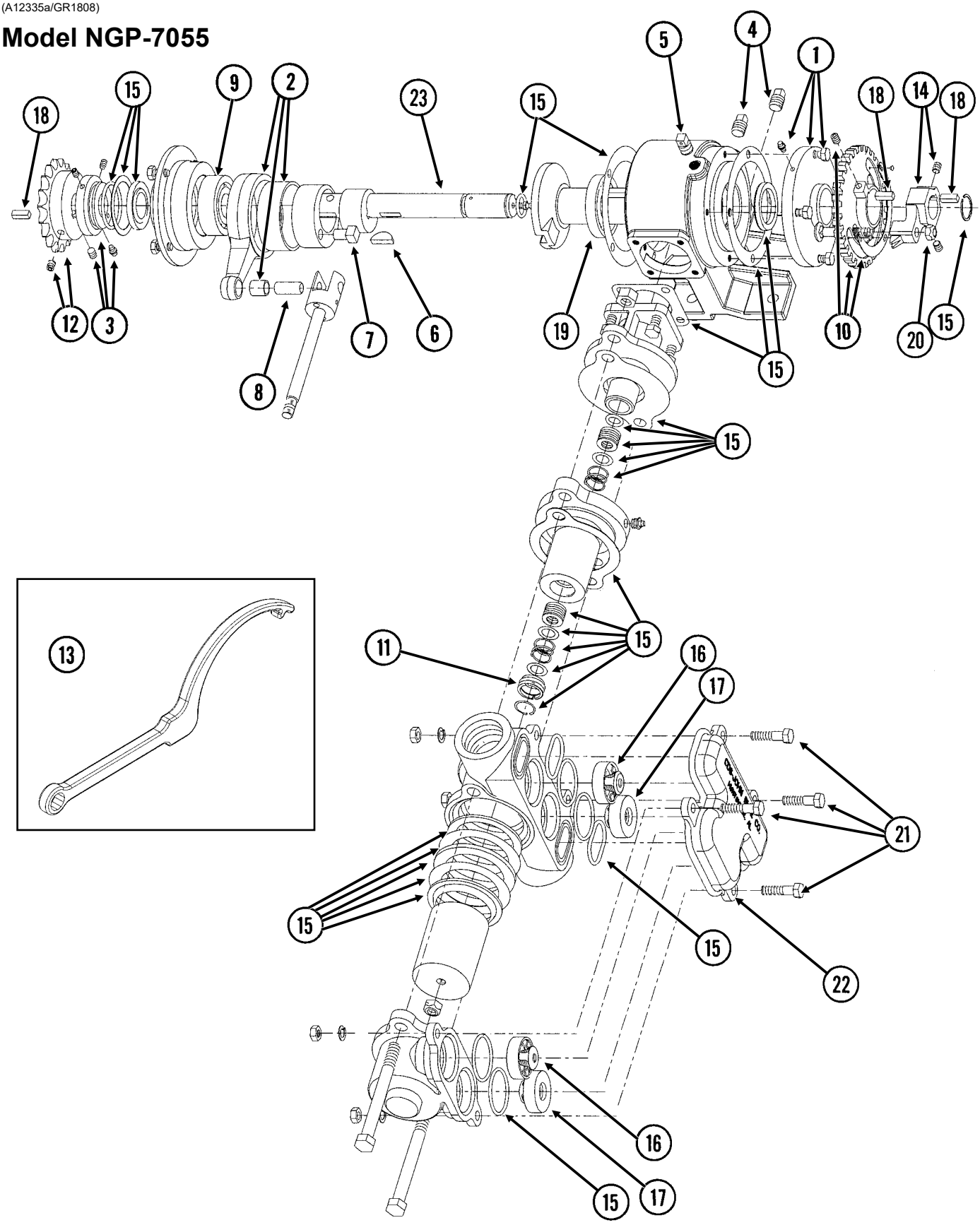
(FRTZ298b)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G4301-06 G4301-05	1 1-2	Hose, ⅜" x 160', 12 Row Hose, ⅜" x 120', 16 Row
2	G10681	-	Hose Clamp, No. 6
3	GD11700	-	Adapter, ¼" NPT To ⅜" Barb
4	---	-	See “Liquid Fertilizer Piston Pump Flow Divider” on page P263
5	G10734	1	Reducing Bushing, 1½" Male NPT To ¾" Female
6	G10995	1	Reducing Bushing, 1" Male NPT To ¾" Female, Stainless Steel (If Applicable)
7	GA6527	1	Mount, ¾" NPT
8	GD1113 G10230 G10104	1 2 2	U-Bolt, 5" x 7" x ⅝"-11 Lock Washer, ⅝" Hex Nut, ⅝"-11
9	G10917	1	Elbow, 90°, ¾" NPT To Barb
10	G10278	-	Hose Clamp, No. 16
11	---	-	See “Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket)” on page P261
12	---	-	See “Liquid Fertilizer Tanks, Saddles, Saddle Mounts, and Hoses (Bulk Fill)” on page P251
13	G11305	1	1½" Male NPT/Hose Barb Elbow
14	G11083	1	Coupler, ¾" Female NPT
15	G4205-10	-	Hose, ¾" x 200"

(A12335a/GR1808)

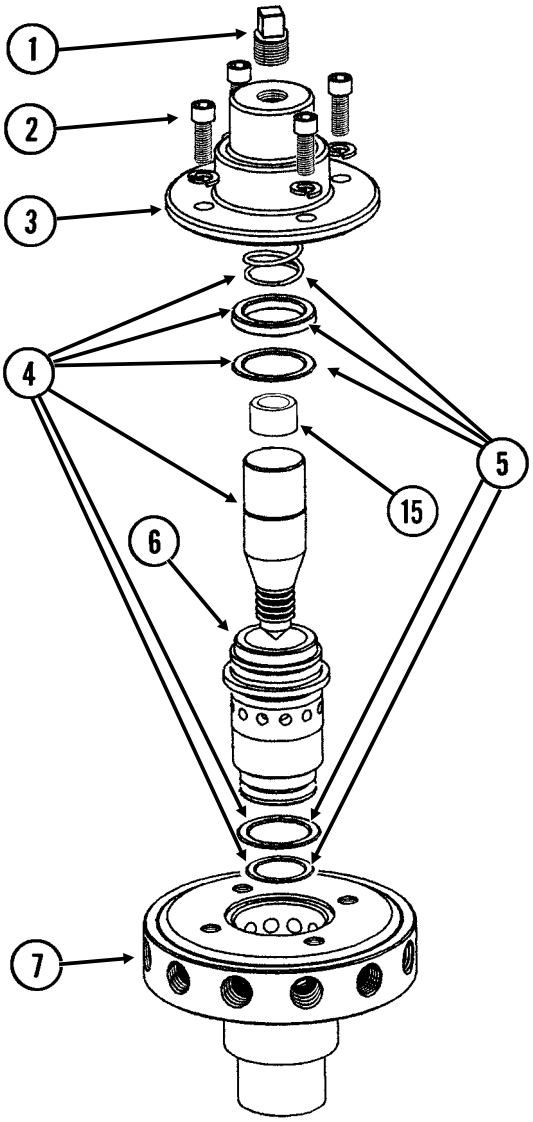
Model NGP-7055



ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1804	1	Flange Cover Assembly
	G10991	4	Hex Head Cap Screw, 5/16"-18 x 7/8"
2	GR1803	1	Connecting Rod Assembly
3	GR1801	1	Spacer Assembly
	G10693	3	Hex Socket Head Set Screw, 5/16"-18 x 3/8"
4	GR1123	2	Plug
5	GR1543	1	Vent Plug
6	GR1112	1	Woodruff Key
7	GR1120	1	Eccentric Pin
8	GR1124	1	Pin
9	GR1104	1	Bearing
10	GR1805	1	Setting Hub Assembly
11	GR1134	1	Stuffing Box Insert
12	GR1146	1	Sprocket, 18 Tooth
13	GR1808	1	Adjustment Wrench
14	GR1806	1	Setting Pointer Assembly
15	GR1796	1	Repair Kit, Includes: (6) Gaskets, (9) O-Rings, (4) Washers, (1) Retaining Ring, (2) Oil Seals, (1) Snap Ring, (1) Thrust Washer, (1) Rod Bushing, (2) Flange Plunger Packings, (2) Packing Springs, (2) Rod Vee Packing Sets
16	GR1800	2	Discharge Valve Assembly
17	GR1798	2	Suction Valve Assembly
18	GR1118	3	Setting Arm Key
19	GR1116	1	Bearing
20	G10306	1	Carriage Bolt, 3/8"-16 x 2"
	G10108	1	Lock Nut, 3/8"-16
21	G10003	4	Hex Head Cap Screw, 3/8"-16 x 1½"
	G11387	4	Flat Washer, 3/8" SAE
	G10229	4	Lock Washer, 3/8"
	G10101	4	Hex Nut, 3/8"-16
22	GR2011	1	Valve Cover, NPG-7055
23	GR2185	-	Crankshaft
A	GA12335	-	Piston Pump Complete W/18 Tooth Sprocket (Model NGP-7055)

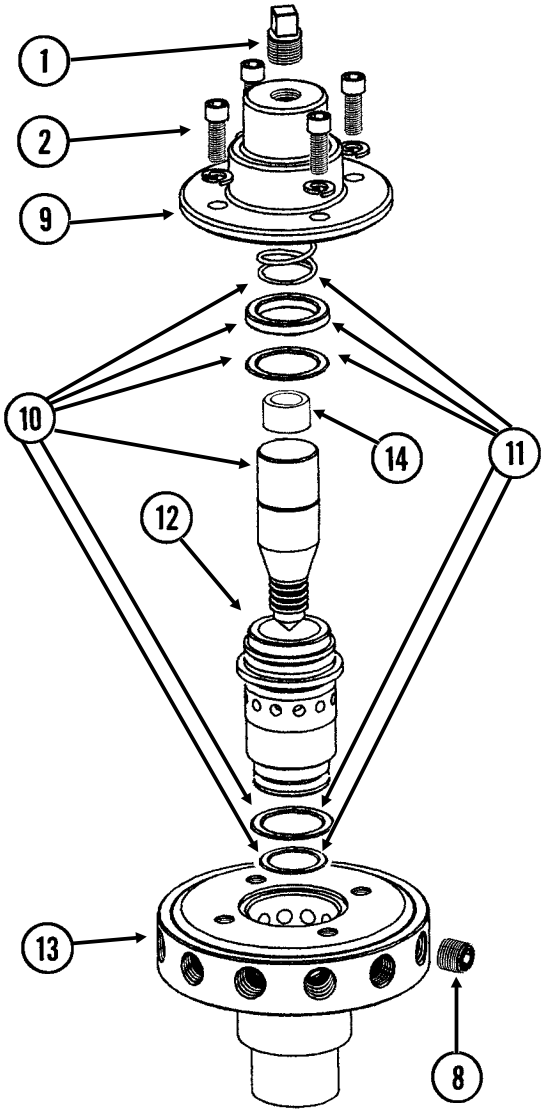
(FRTZ159/PT40a/FRTZ202c)

Model FD-1200 Flow Divider, 12 Outlet



¾" NPT

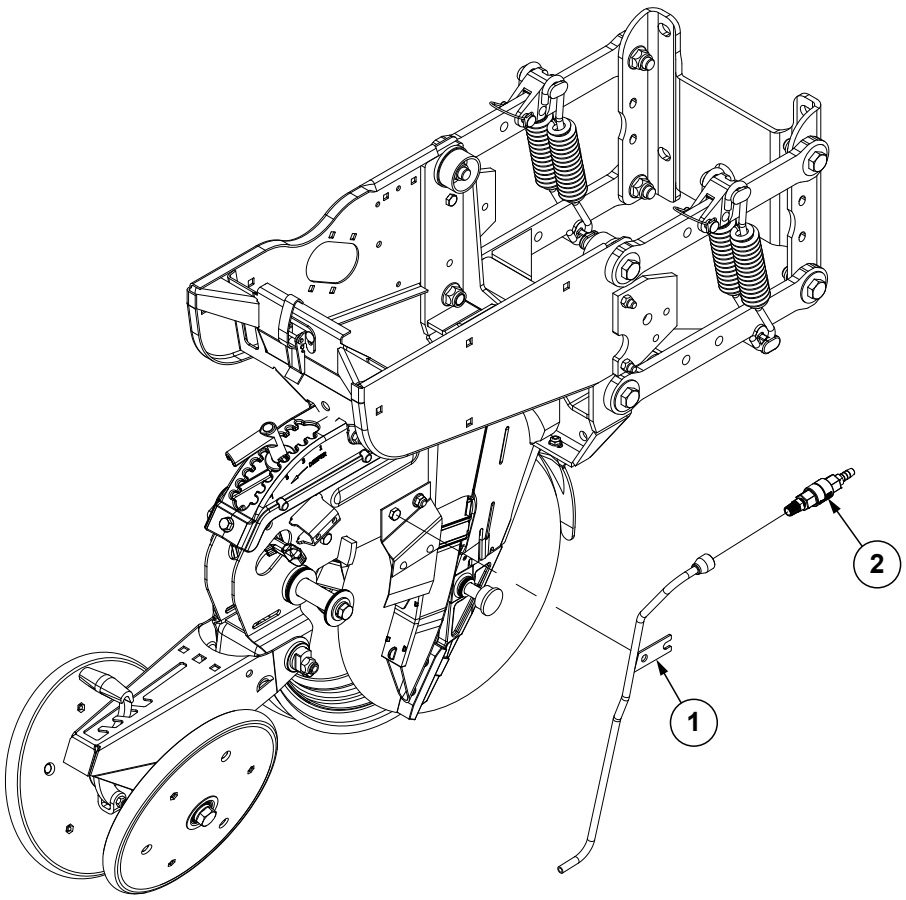
Model FD-2000 Flow Divider, 20 Outlet



1" NPT

ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1543	1	Vent Plug
2	GR1542 GR1541	4 4	Hex Socket Head Screw, ¼"-20 x ¾" Lock Washer, ¼", Stainless Steel
3	GR1540	1	Cap
4	GR1544	1	Needle Assembly W/Seal Kit (Item 22)
5	GR1545	1	Seal Kit, Includes: (3) O-Rings, (1) Seal, (1) Spring
6	GR1535	1	Sleeve
7	GR1533	1	Body, 12 Outlets
8	G10350	4	Hex Socket Head Plug, ¼" NPT, Stainless Steel
9	GR1566	1	Cap
10	GR1567	1	Needle Assembly W/Seal Kit (Item 22)
11	GR1568	1	Seal Kit, Includes: (3) O-Rings, (1) Seal, (1) Spring
12	GR1561	1	Sleeve
13	GR1559	1	Body, 20 Outlets
14	GR1575	1	Sleeve, Stainless Steel
15	GR1574	1	Sleeve, 1" O.D. x ½" Long, Stainless Steel
A	GA8931	1	Liquid Fertilizer Piston Pump Flow Divider Complete, 12 Outlet (Model FD-1200) (Items 1-7) (12 Row Sizes)
B	GA9407	1	Liquid Fertilizer Piston Pump Flow Divider Complete, 20 Outlet (Model FD-2000) (Items 1, 2 And 8-14) (16 Row Size)

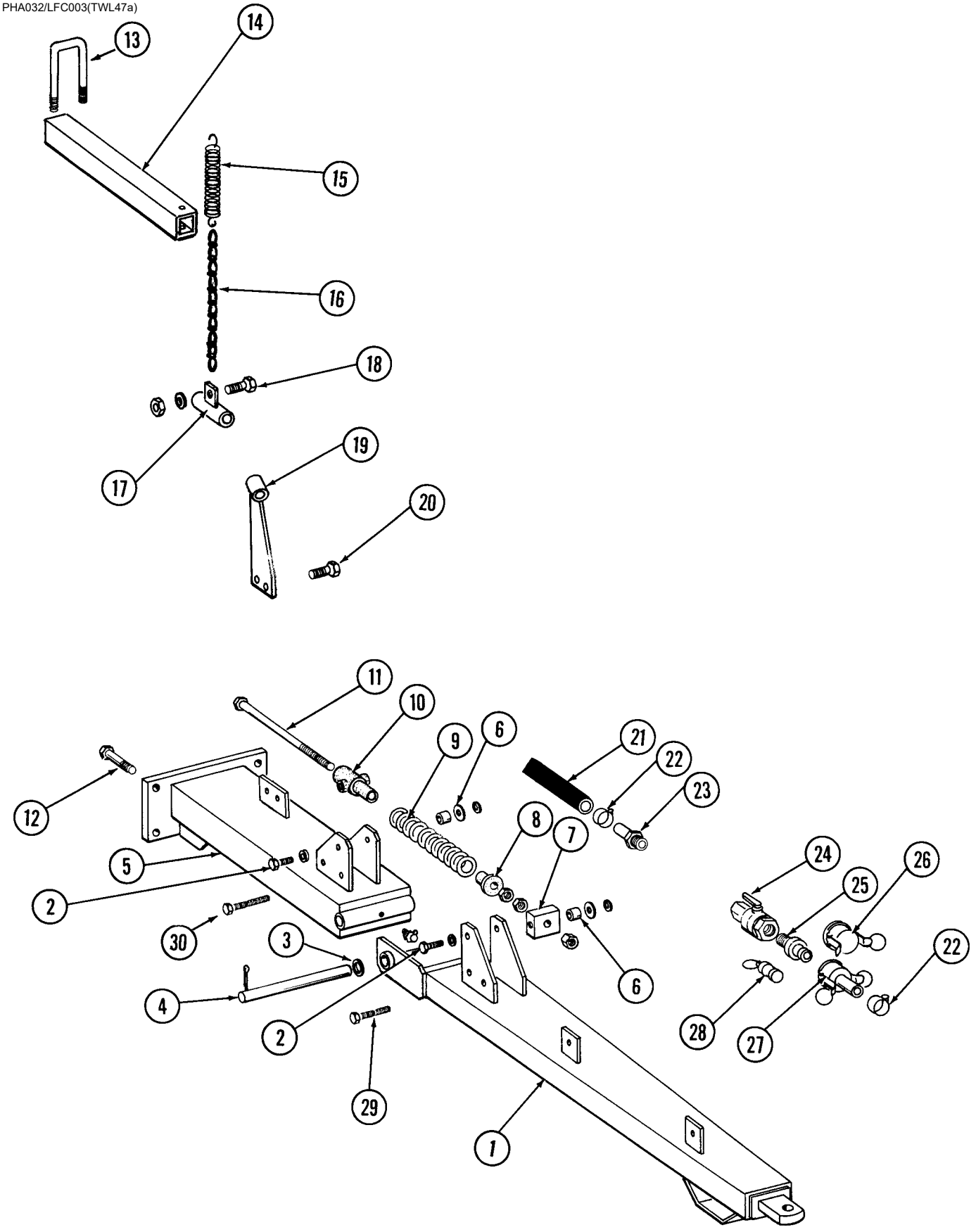
(IP1624)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18822	-	Liquid Fertilizer Tube
2	GA20583	-	Check Valve Assembly

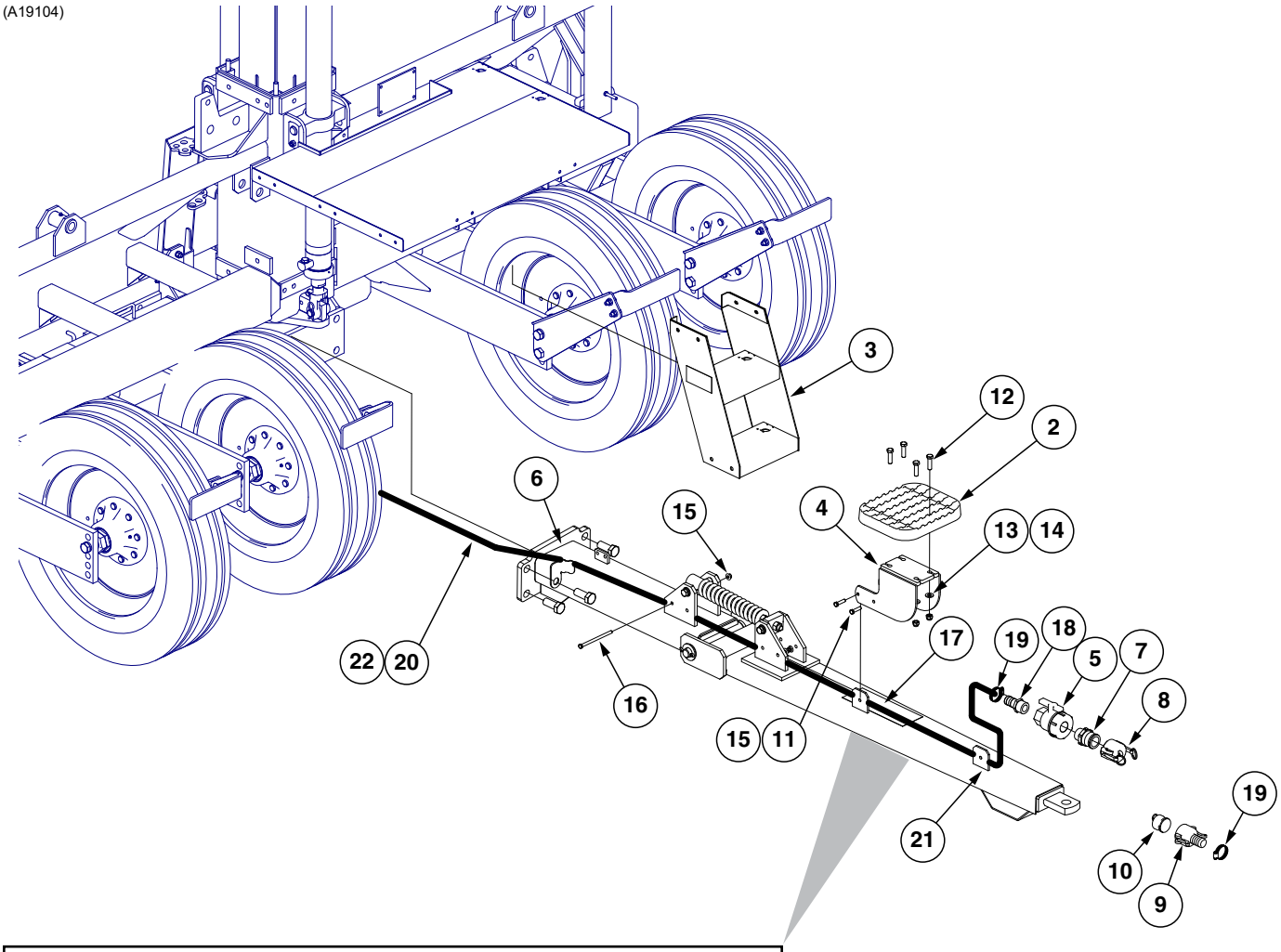
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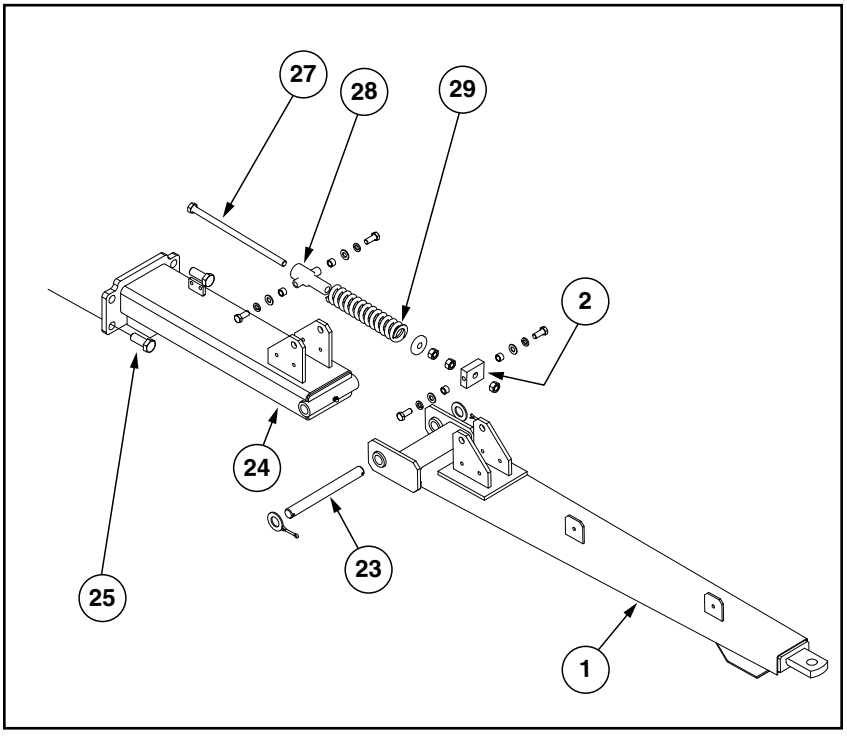
PHA032/LFC003(TWL47a)



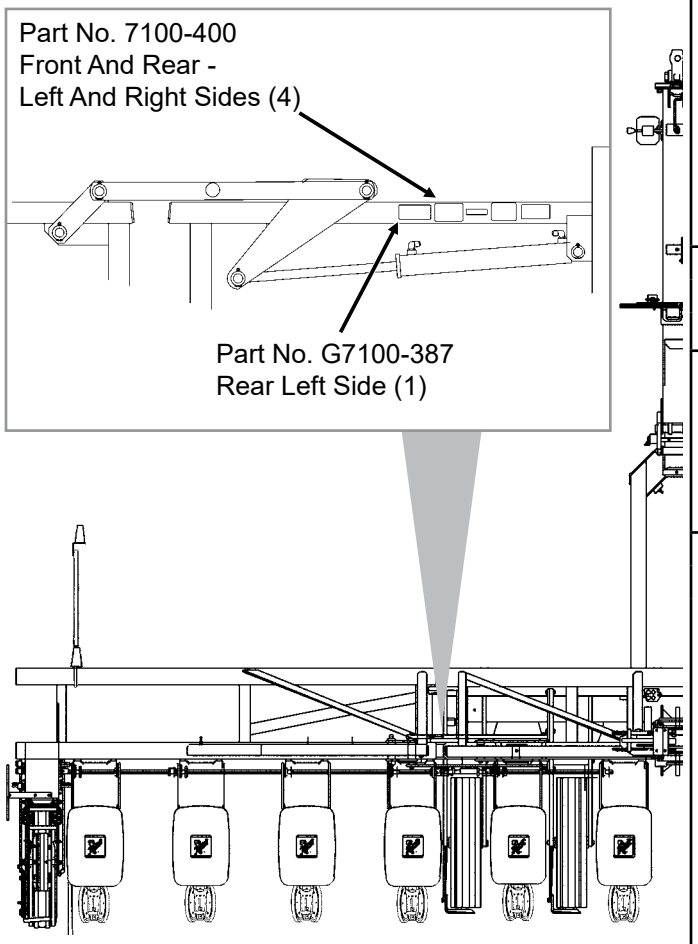
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA6961	1	Hitch
2	G10007	4	Hex Head Cap Screw, 5/8"-11 x 1½"
	G11391	4	Flat Washer, 5/8" SAE
	G10230	4	Lock Washer, 5/8"
3	G11396	2	Flat Washer, 1¼" SAE
4	GD3547	1	Pin, 1¼" x 12¾"
	G10460	2	Cotter Pin, ¼" x 2"
5	GA6960	1	Hitch
6	GB0218	4	Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long
7	GD7908	1	Tap Block
8	GD34923	1	Spring Seat
9	GD2115	1	Spring
10	GB0206	1	Rod Guide
11	GD7907	1	Special Bolt
	G10105	3	Hex Nut, ¾"-10
12	G10826	5	Hex Head Cap Screw, 1"-8 x 2½"
	G10396	5	Lock Nut, 1"-8
13	GD2721	2	U-Bolt, 2" x 2" x ½"-13
	G10228	4	Lock Washer, ½"
	G10102	4	Hex Nut, ½"-13
14	GD10196	-	Hanger Tube
15	GD0829	-	Spring
16	G3305-03	-	Twin Loop Chain, 15 Links
17	GA7209	-	Hose Support
18	G10064	1	Hex Head Cap Screw, ¼"-20 x 1"
	G11385	2	Flat Washer, ¼" SAE
	G10110	1	Lock Nut, ¼"-20, Grade B
19	GA7208	-	Hose Support
20	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1¼"
	G10108	2	Lock Nut, 3/8"-16
21	G4200-01	1	Hose, 1¼" x 22'
22	G10672	6	Hose Clamp, No. 28
23	G10626	1	Adapter, 1¼" NPT To Barb
24	GA4976	1	Shutoff Valve, 1 ¼" NPT
	GR1015	-	Body O-Ring (Included W/GA4976)
	GR1016	-	Stem O-Ring (Included W/GA4976)
	GR1017	-	Teflon Seat (Included W/GA4976)
	GR1018	-	Ball (Included W/GA4976)
	GR1019	-	Handle (Included W/GA4976)
25	GD1514	1	Adapter, 1¼" Male NPT To Cam Lock
26	GD1515	1	Dust Cap, 1¼" Cam Lock
27	GD1516	1	Adapter, 1¼" Barb To Female Cam Lock
28	GD1517	1	Dust Plug, 1¼" Male Cam Lock
29	G10172	1	Hex Head Cap Screw, 3/8"-16 x 5"
	G10229	1	Lock Washer, 3/8"
	G10101	1	Hex Nut, 3/8"-16
30	G10756	1	Hex Head Cap Screw, 3/8"-16 x 6"
	G10229	1	Lock Washer, 3/8"
	G10101	1	Hex Nut, 3/8"-16

(A19104)


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ITEM	PART NO.	QTY.	DESCRIPTION
1	GA6961	1	Hitch
2	GB0315	1	Step
3	GA16145	1	Ladder
4	GA14520	1	Hitch Step
5	GA4976	1	Shutoff Valve, 1¼" NPT
	GR1015	-	Body O-Ring (Included W/GA4976)
	GR1016	-	Stem O-Ring (Included W/GA4976)
	GR1017	-	Teflon Seat (Included W/GA4976)
	GR1018	-	Ball (Included W/GA4976)
	GR1019	-	Handle (Included W/GA4976)
6	GD20757	1	Hose Routing Bracket
7	GD1514	1	Adapter, 1¼" Male NPT To Cam Lock
8	GD1515	1	Dust Cap, 1¼" Cam Lock
9	GD1516	1	Adapter, 1¼" Barb To Female Cam Lock
10	GD1517	1	Dust Plug, 1¼" Male Cam Lock
11	G10003	4	Hex Head Cap Screw, ⅜"-16 x 1½"
12	G10039	4	Hex Head Cap Screw, ½"-13 x 1¾"
13	G11389	4	Flat Washer, ½" SAE
14	G10111	4	Lock Nut, ½"-13
15	G11091	5	Serrated Flange Nut, ⅜"-16
16	G10756	1	Hex Head Cap Screw, ⅜"-16 x 6"
17	GD13706-02	1	Anti-Slip Tape, 4" x 12"
18	G10626	1	Adapter, 1¼" NPT To Barb
19	G10672	2	Hose Clamp, No. 28
20	G4200-01	1	Hose, 1¼" x 22'
21	GD2117	2	Cable Tie, 14½"
22	GD2984	2	Cable Tie, 34"
23	GD3547	1	Pin, 1¼" x 12¾"
	G11396	2	Flat Washer, 1¼"
	G10460	2	Cotter Pin, ¼" x 2"
24	GA6960	1	Hitch
25	G10826	5	Hex Head Cap Screw, 1"-8 x 2½"
	G10396	5	Lock Nut, 1"-8
26	GD7908	1	Tap Block
	G10007	2	Hex Head Cap Screw, ⅝"-11 x 1½"
	G10230	2	Lock Washer, ⅝"
	G11391	2	Flat Washer, ⅝" SAE
	GB0218	2	Bushing, 21/32" I.D. x ⅞" O.D. x 19/32" Long
27	GD7907	1	Special Bolt
28	GB0206	1	Rod Guide
	G10007	2	Hex Head Cap Screw, ⅝"-11 x 1½"
	G10230	2	Lock Washer, ⅝"
	G11391	2	Flat Washer, ⅝" SAE
	GB0218	2	Bushing, 21/32" I.D. x ⅞" O.D. x 19/32" Long
29	GD2115	1	Spring
	G10105	3	Hex Nut, ¾"-10
	GD34923	1	Spring Seat

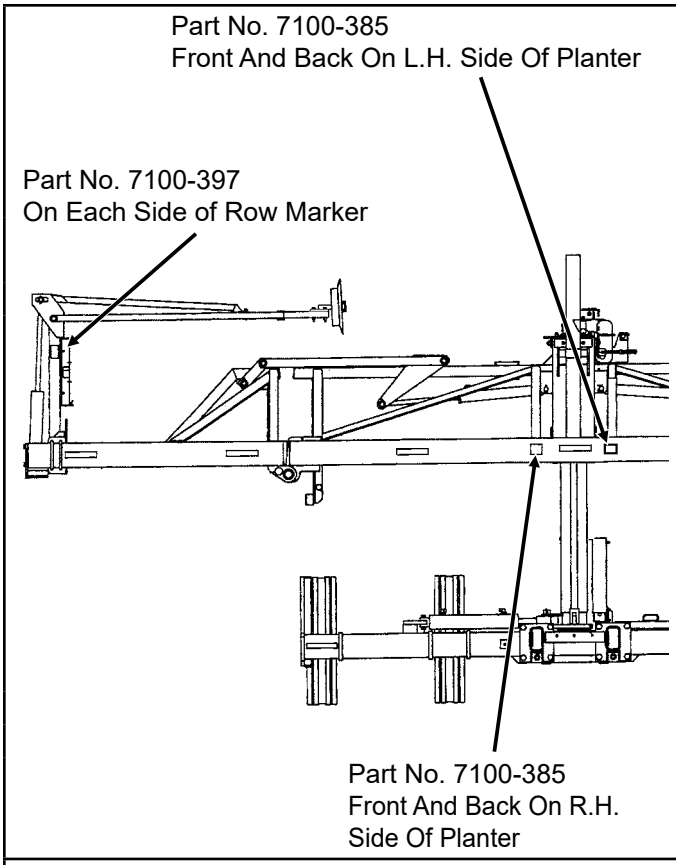




Part No.: G7100-400
Description: Decal, Warning
Quantity: 4 (Front and Rear/Left and Right)



Part No.: G7100-385
Description: Decal, Warning
Quantity: 1





⚠WARNING

Uncontrolled machine movement can crush resulting in death, serious injury, or damage to property and equipment.

Install safety lockup devices before working under or transporting this equipment.

Part No.: G7100-385
Description: Decal, Warning
Quantity: 2 Front And Back On L.H. Side Of Planter (2)

⚠WARNING

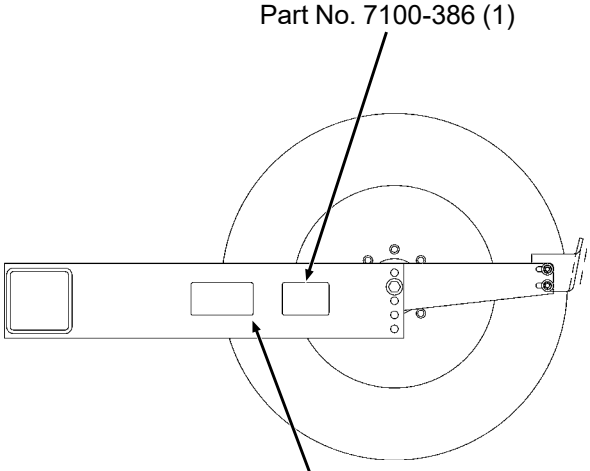


Row marker can lower at any time and could cause death or serious injury.

Stay away from row markers!

Install safety lockup device when not in use.

Part No.: G7100-397
Description: Decal, Danger
Quantity: 2 On Each Side of Row Marker





⚠WARNING

Removing this wheel and axle assembly can cause equipment to tip over which could result in death, serious injury, or damage to property and equipment.

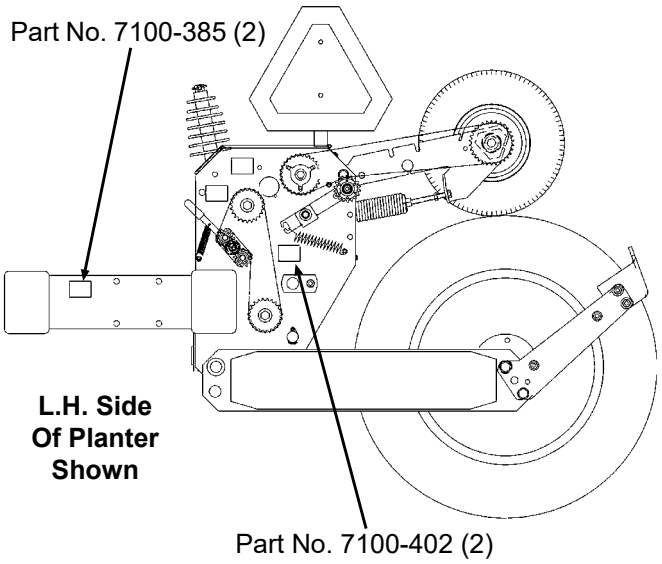
Part No.: G7100-386
Description: Decal, Warning
Quantity: 1

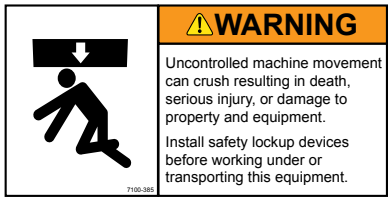


⚠WARNING

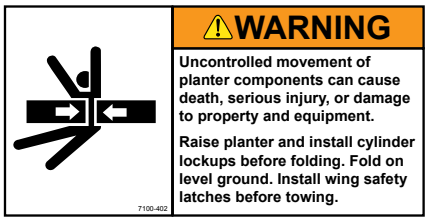
Overinflation may cause explosive separation of tire and rim which could result in death or serious injury. Follow inflation specifications and maintenance instructions in the operator's manual.

Part No.: G7100-370
Description: Decal, Warning
Quantity: 2 On Each Side Of Outer Stub Axles

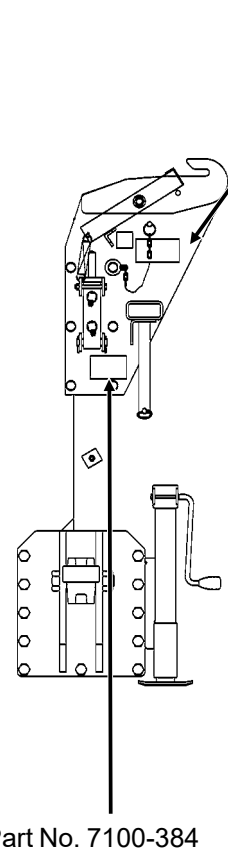




Part No.: G7100-385
Description: Decal, Warning
Quantity: 2

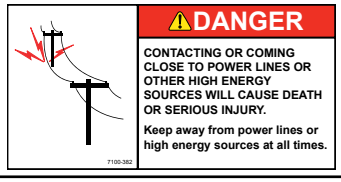


Part No.: G7100-402
Description: Decal, Warning
Quantity: 2

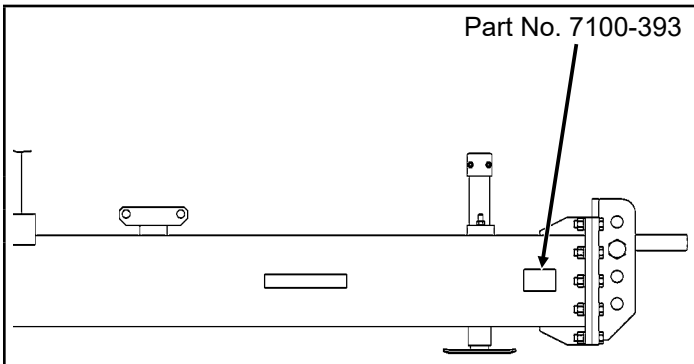




Part No.: G7100-384
Description: Decal, Warning
Quantity: 1



Part No.: G7100-382
Description: Decal, Danger
Quantity: 1

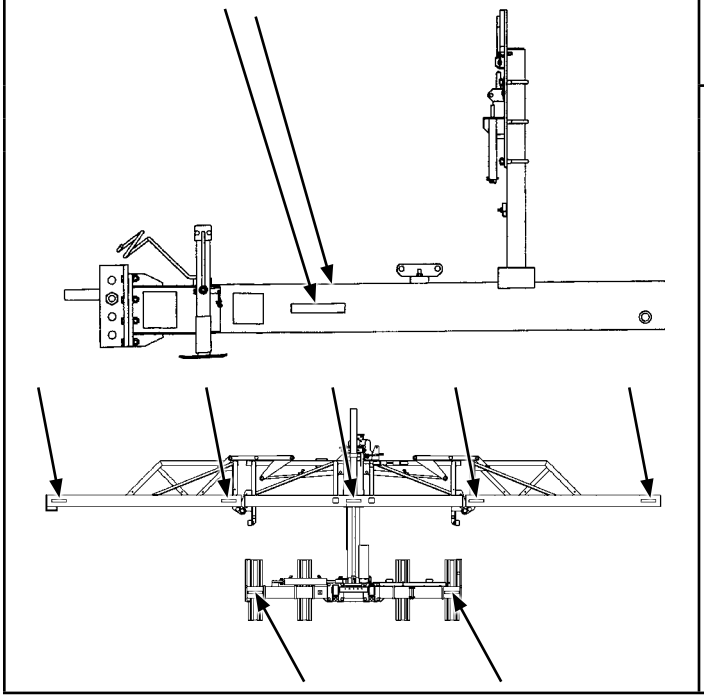




Part No.: G7100-393
Description: Decal, Warning
Quantity: 1



Part No.: G7100-392
Description: Decal, Caution
Quantity: 2 (Located On Each Side Of Fan)

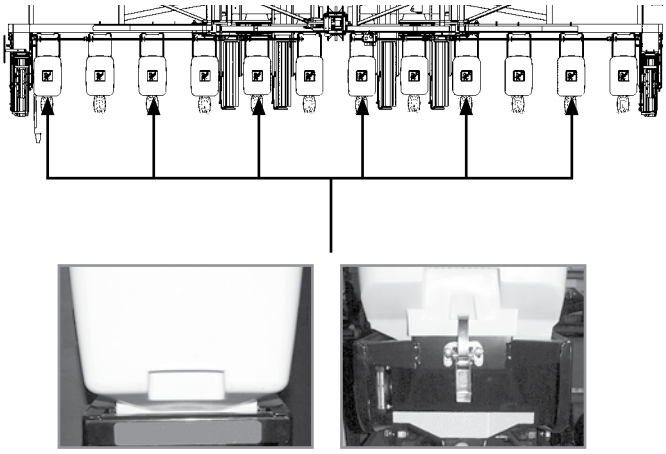




Part No.: G7100-558
Description: Reflective Decal, Amber, 2" x 9", Rectangular
Quantity: 2 (1 Located on Each Side of Hitch)

4 (Used on 12 Row); 5 (Used on 16 Row) (Located On The Front Side Of The Front Toolbar - Side-Facing In Transport Position)

2 (Forward-Facing)



Note: 6 used on 12 row; 8 used on 16 row

Part No.: G7100-558
Description: Reflective Decal, Amber, 2" x 9", Rectangular
Quantity: 2 (Per Row Unit - Located On The Granular Chemical Hopper Panel Extension Of Every Other Row Unit Beginning On The L.H. Side Of The Planter - Side-Facing In Transport Position) (With Optional Granular Chemical)

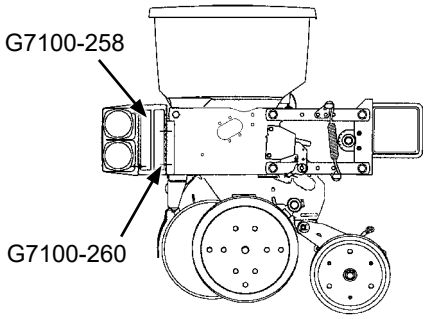
Part No.: G7100-262
Description: Reflective Decal, Amber, 1¾" x 9", Die-Cut
Quantity: 1 (Qty. 1 Per Row Unit - Located On The Hopper Support Of Every Other Row Unit Beginning On The L.H. Side Of The Planter - Side-Facing In Transport Position) (Standard)

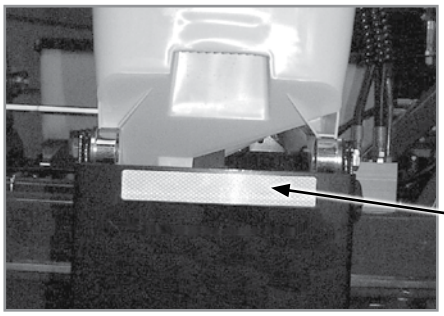


Part No.: G7100-557
Description: Reflective Decal, Red, 2" x 9" Rectangular
Quantity: 1 (Per Outer Scraper - Located On Top)

Part No.: G7100-559
Description: Reflective Decal, Orange, 2" x 9" Rectangular
Quantity: 1 (Per Outer Scraper - Located On Bottom)

With Even-Row Push Row Unit Option

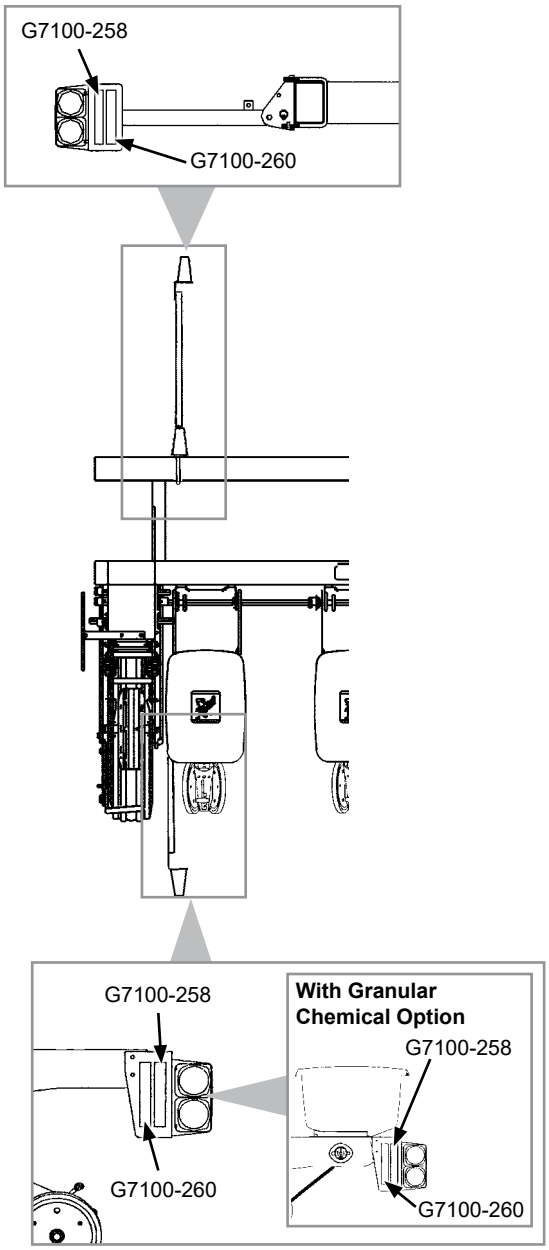




Part No.: G7100-557
Description: Reflective Decal, Red, 2" x 9" Rectangular
Quantity: 1 (Located On The Light Bracket On The L.H. Side Of The Planter - Rear-Facing In Transport Position)

Part No.: G7100-559
Description: Reflective Decal, Orange, 2" x 9" Rectangular
Quantity: 1 (Located On The Light Bracket On The L.H. Side Of The Planter - Rear-Facing In Transport Position)

Part No.: G7100-558
Description: Reflective Decal, Amber, 2" x 9", Rectangular
Quantity: 1 Used Located On The Front Of The Optional Even-Row Push Row Unit - Side-Facing In Transport Position)



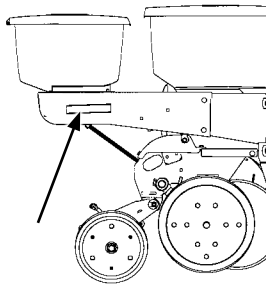
[redacted]

Part No.: G7100-557
Description: Reflective Decal, Red, 2" x 9" Rectangular
Quantity: 1 (Located On The Light Bracket On the L.H. Side Of The Planter - Rear-Facing In Transport Position)

1 (Located On The Outer Row Unit On the L.H. Side Of The Planter - Rear-Facing In Transport Position)

Part No.: G7100-559
Description: Reflective Decal, Orange, 2" x 9" Rectangular
Quantity: 1 (Located On The Light Bracket On the L.H. Side Of The Planter - Rear-Facing In Transport Position)

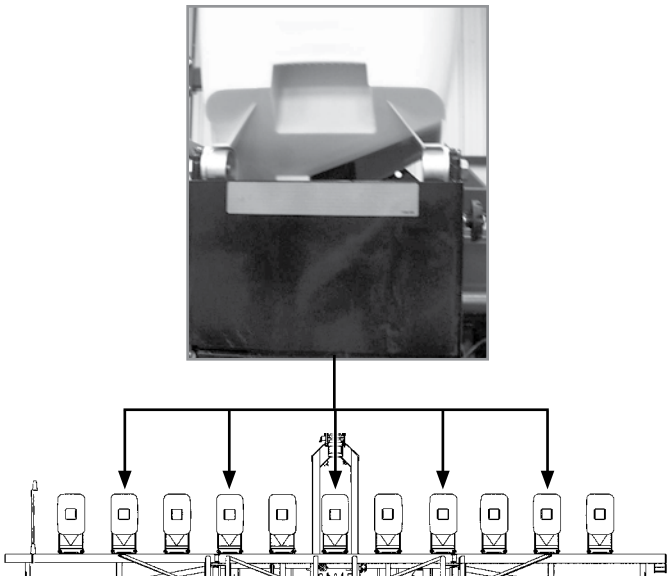
1 (Located On The Outer Row Unit On the L.H. Side Of The Planter - Rear-Facing In Transport Position)



With Granular Chemical Option

[redacted]

Part No.: G7100-558
Description: Reflective Decal, Amber, 2" x 9", Rectangular
Quantity: 1 (Located On The Outer Row Unit On The R.H. Side Of The Planter - Forward- Facing In Transport Position)



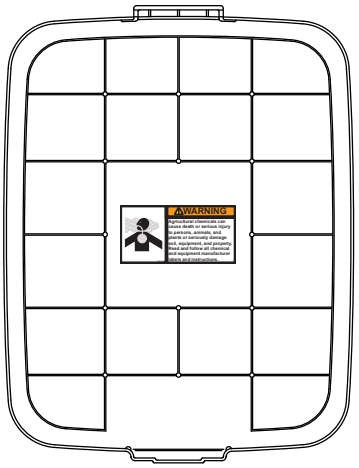
With Interplant Package Option



Part No.: G7100-558

Description: Reflective Decal, Amber, 2" x 9", Rectangular

Quantity: 5 Used On 12 Row; 7 On 16 Row (Located On The Front Of Every Other Push Row Unit Beginning With The Center Row Unit And Every Other Row Unit To Both Ends - Side-Facing In Transport Position)

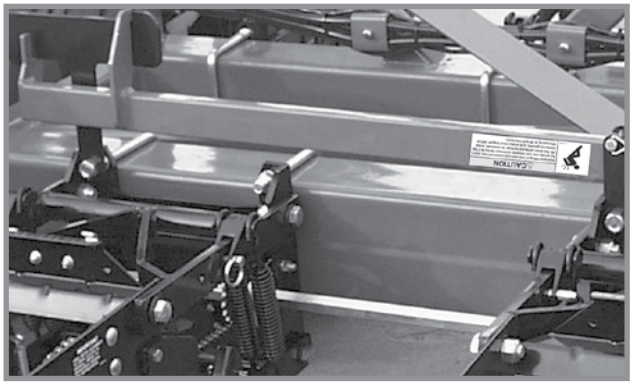


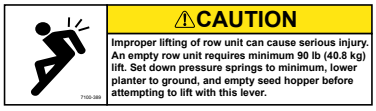


Part No.: G7100-381

Description: Decal, Warning

Quantity: 1 (1 Per Row Unit - Located On Underside Of Granular Chemical Hopper Lid)





Part No.: G7100-389

Description: Decal, Caution

Quantity: 1 (Located On Interplant Push Row Unit Lift Lever)

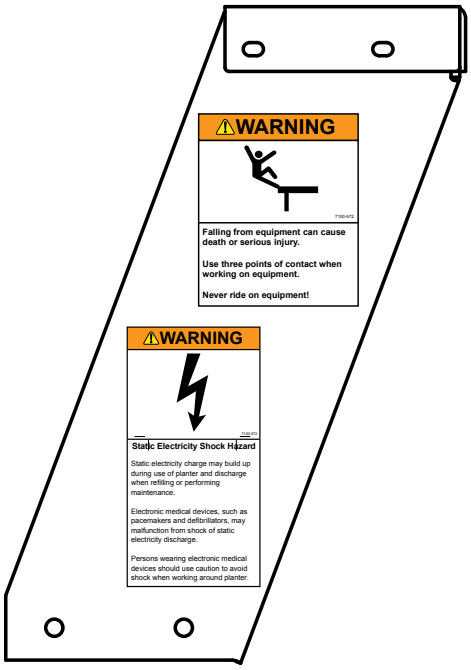




Part No.: G7100-385
Description: Decal, Warning
Quantity: 1

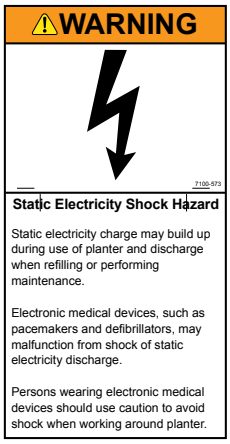


Part No.: G7100-376
Description: Decal, Notice Bulk FIll Pressure
Quantity: 2 (on each Bulk Fill Tank Lid)

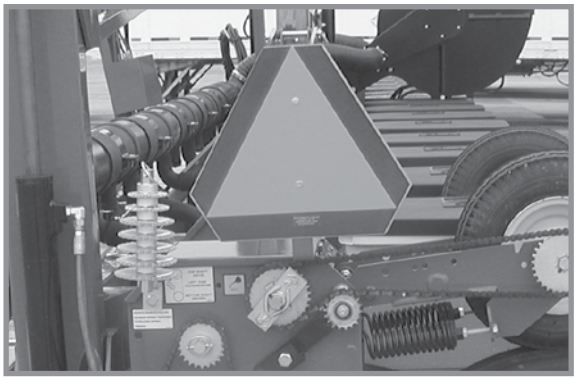


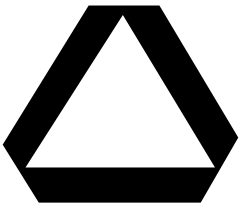


Part No.: G7100-572
Description: Decal, Warning
Quantity: 1

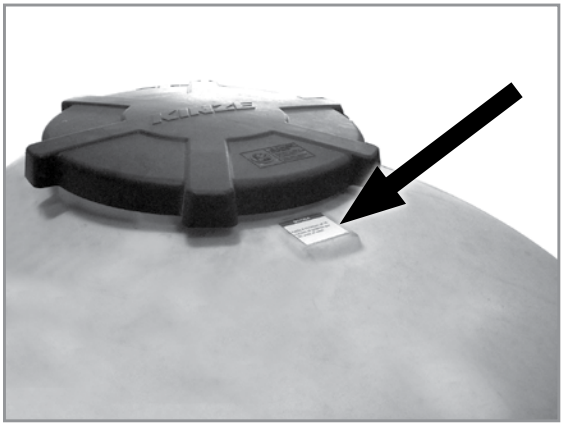


Part No.: G7100-573
Description: Decal, Static Shock
Quantity: 2 (Located on each side of stair)





Part No.: GD2199
Description: SMV Sign
Quantity: 1

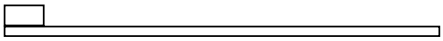


NOTICE

Apply a minimum of 16 ounces of graphite per 50 units of seed.

7100-471

Part No.: G7100-471
Description: Decal, Notice
Quantity: 1



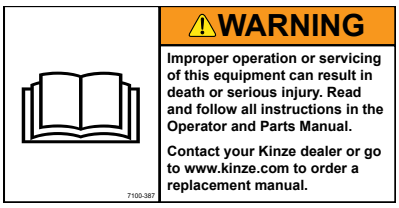
Part No.: GD1512
Description: Tie Strap, 7½"

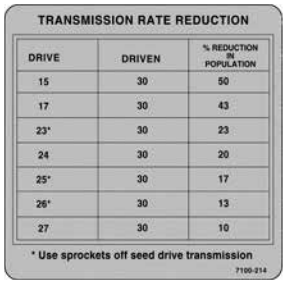
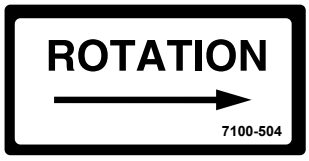
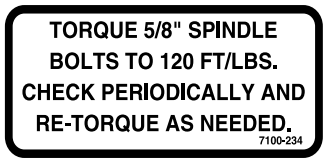
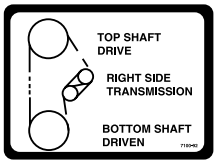
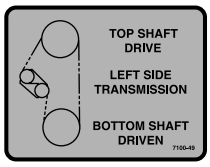
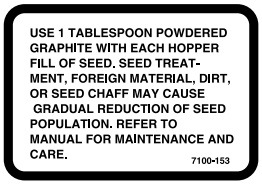
Part No.: GD2117
Description: Tie Strap, 14½"

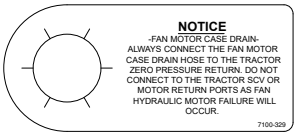
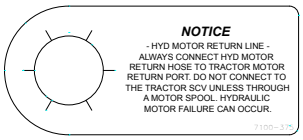
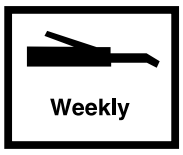
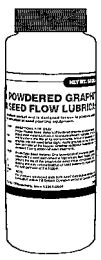
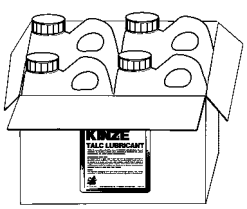
Part No.: GD2984
Description: Tie Strap, 34"

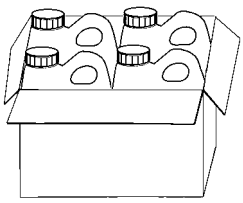
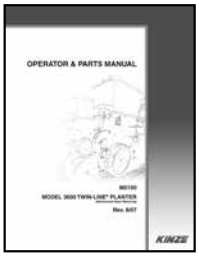


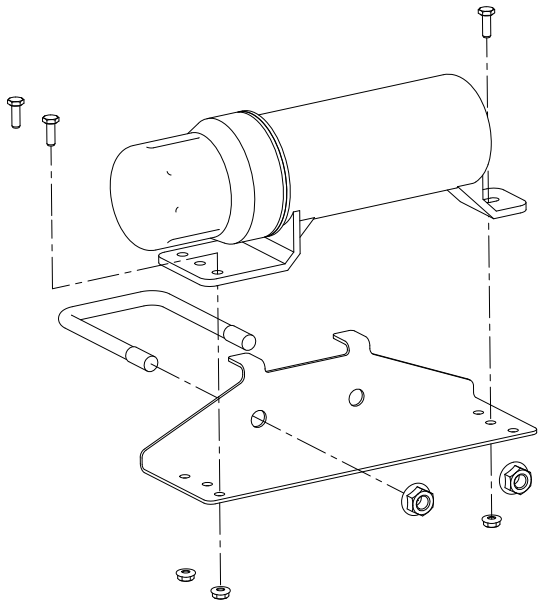
Part No.: G10235701
Description: Decal, Fan Free of Debris

	Part No.: GD10057-01 Description: Hose Identification Sleeve, Red AA Part No.: GD10057-02 Description: Hose Identification Sleeve, Red BB Part No.: GD10057-03 Description: Hose Identification Sleeve, Blue AA Part No.: GD10057-04 Description: Hose Identification Sleeve, Blue BB Part No.: GD10057-11 Description: Hose Identification Sleeve, Green PP Part No.: GD10057-12 Description: Hose Identification Sleeve, Green RR Part No.: GD10057-14 Description: Hose Identification Sleeve, Yellow PP Part No.: GD10057-15 Description: Hose Identification Sleeve, Yellow RR Part No.: GD10057-17 Description: Hose Identification Sleeve, Black PP Part No.: GD10057-18 Description: Hose Identification Sleeve, Black RR Part No.: GD10057-19 Description: Hose Identification Sleeve, Orange CD
	Part No.: G7100-295 Description: Decal, Spring Tension Release Quantity: -
	Part No.: G7100-511 Description: Decal, Sending Unit Quantity: 1
	Part No.: G7100-387 Description: Decal, Warning Quantity: 1

	Part No.: G7100-214 Description: Decal, Two-Speed Point Row Clutch Rate Reduction
	Part No.: G7100-509 Description: Decal, Vacuum
	Part No.: G7100-508 Description: Decal, Bulk Fill
	Part No.: G7100-504 Description: Decal, Point Row Clutch Rotation
	Part No.: G7100-234 Description: Decal, Bolt Torque Quantity: -
	Part No.: G7100-92 Description: Decal, Right Side Transmission Quantity: 1
	Part No.: G7100-49 Description: Decal, Left Side Transmission Quantity: 1
	Part No.: G7100-153 Description: Decal, Information Quantity: 1 Per Brush-Type Seed Meter
	Part No.: G7100-201 Description: Decal, Information

	Part No.: G7100-329 Description: Tag, Fan Motor Case Drain
	Part No.: G7100-375 Description: Tag, Hydraulic Motor Return Line
	Part No.: G7100-352 Description: Decal, Tank Drain
	Part No.: G7100-111 Description: Decal, Oil Daily
	Part No.: G7100-116 Description: Decal, Grease Daily
	Part No.: G7100-110 Description: Decal, Grease Weekly
	Part No.: GR2127MPP Description: Blue Paint, Twelve Aerosol Cans
	Part No.: GR0146MPP Description: Powdered Graphite, Twenty-Four 1 Pound Containers Part No.: GR2335 Description: Powdered Graphite, 40 Pound Container
	Part No.: GR1570MPP Description: Talc Lubricant, Four 8 Pound Containers Part No.: GR2334 Description: Talc Lubricant, 40 Pound Container

	Part No.: GR1842MPP Description: Graphite Lubricant, Four 5 Pound Containers
Not Available	Part No.: GR2217 Description: Fluency Agent Seed Flow Additive, Four 4.4 Pound Pails
	Part No.: GR2240MPP Description: Talc/Graphite Blend (80 Talc/20 Graphite), Four 8 Pound Containers
	Part No.: GR2241MPP Description: Dispensing Cap, 10/Package
	Part No.: G10068001 Description: Decal, Kinze 3605 (2021 - 2023 Production) Quantity: 2 (1 On Each Side of Hitch)
	Part No.: G10769201 Description: Decal, Kinze 3605 (2024 Production and On) Quantity: 2 (1 On Each Side of Hitch)
	Part No.: GM0303-01 Description: Operator Manual, Model 3605 Part No.: GM0303-02 Description: Parts Manual, Model 3605 Part No.: GPR1094 Description: Binder (Contact Kinze Parts To Order)



	Part No.: GA15422 Description: Operator's Manual Canister Quantity: 1
	Part No.: GD22686 Description: Manual Canister Bracket Quantity: 1
	Part No.: GD16642 Description: U-Bolt, 3" x 4" x ½"-13 Quantity: 1
	Part No.: G10071 Description: Serrated Flange Nut, ½"-13 Quantity: 2
	Part No.: G11166 Description: Hex Socket Flange Cap Screw, ¼"-20 x ¾" Quantity: 3
	Part No.: G11320 Description: Lock Nut, ¼"-20, Grade B Quantity: 3
	Part No.: G7100-484 Description: Decal, American Flag

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